

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\  
 Data File : BF088091.D  
 Acq On : 17 Jun 2016 13:07  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

sohil  
 6/20/2016 6:50:54 PM

Quant Time: Jun 17 17:11:17 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 17 16:09:13 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.70  | 152  | 127318   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.99  | 136  | 532179   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.74  | 164  | 236533   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.21 | 188  | 438725   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.85 | 240  | 276601   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.22 | 264  | 249257   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.28  | 112  | 532480   | 71.50 | ng    | 0.00     |
| 7) Phenol-d6                | 6.35  | 99   | 691340   | 76.60 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.28  | 82   | 692867   | 76.03 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.52 | 330  | 145793   | 58.37 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.07  | 172  | 1184023  | 78.19 | ng    | 0.00     |
| 78) Terphenyl-d14           | 12.80 | 244  | 861989   | 70.91 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 2.18 | 88   | 151322   | 41.82 | ng    | # 46   |
| 3) Pyridine                    | 2.84 | 79   | 389639   | 45.60 | ng    | 94     |
| 4) n-Nitrosodimethylamine      | 2.81 | 42   | 136807   | 37.81 | ng    | # 78   |
| 6) Aniline                     | 6.36 | 93   | 431454   | 33.58 | ng    | # 29   |
| 8) 2-Chlorophenol              | 6.49 | 128  | 346573   | 39.32 | ng    | 81     |
| 9) Benzaldehyde                | 6.24 | 77   | 192507   | 31.16 | ng    | 91     |
| 10) Phenol                     | 6.36 | 94   | 408431   | 43.76 | ng    | # 62   |
| 11) bis(2-Chloroethyl)ether    | 6.44 | 93   | 331387   | 41.87 | ng    | 90     |
| 12) 1,3-Dichlorobenzene        | 6.64 | 146  | 366719   | 38.77 | ng    | 95     |
| 13) 1,4-Dichlorobenzene        | 6.72 | 146  | 379607   | 39.84 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 6.87 | 146  | 311682m  | 35.97 | ng    |        |
| 15) Benzyl Alcohol             | 6.86 | 79   | 230959   | 32.71 | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.99 | 45   | 409271   | 38.28 | ng    | 88     |
| 17) 2-Methylphenol             | 6.97 | 107  | 264847   | 37.05 | ng    | 99     |
| 18) Hexachloroethane           | 7.21 | 117  | 135340   | 40.03 | ng    | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.13 | 70   | 195001   | 33.77 | ng    | 88     |
| 20) 3+4-Methylphenols          | 7.13 | 107  | 289596   | 34.72 | ng    | 90     |
| 22) Acetophenone               | 7.12 | 105  | 435547   | 36.62 | ng    | # 95   |
| 24) Nitrobenzene               | 7.29 | 77   | 303583   | 34.39 | ng    | 89     |
| 25) Isophorone                 | 7.54 | 82   | 642411   | 38.06 | ng    | 95     |
| 26) 2-Nitrophenol              | 7.61 | 139  | 204598   | 43.27 | ng    | # 78   |
| 27) 2,4-Dimethylphenol         | 7.66 | 122  | 309789   | 35.58 | ng    | 95     |
| 28) bis(2-Chloroethoxy)methane | 7.75 | 93   | 374560   | 35.77 | ng    | # 97   |
| 29) 2,4-Dichlorophenol         | 7.85 | 162  | 266861   | 36.71 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.93 | 180  | 278229   | 35.15 | ng    | 99     |
| 31) Naphthalene                | 8.01 | 128  | 948469   | 36.01 | ng    | 99     |
| 32) Benzoic acid               | 7.80 | 122  | 146953   | 30.65 | ng    | 94     |
| 33) 4-Chloroaniline            | 8.07 | 127  | 451505   | 38.39 | ng    | # 94   |
| 34) Hexachlorobutadiene        | 8.12 | 225  | 144013   | 34.50 | ng    | 98     |
| 35) Caprolactam                | 8.46 | 113  | 88768    | 36.86 | ng    | 88     |
| 36) 4-Chloro-3-methylphenol    | 8.56 | 107  | 290491   | 37.36 | ng    | 97     |
| 37) 2-Methylnaphthalene        | 8.70 | 142  | 585848   | 33.75 | ng    | # 97   |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.87 | 216  | 259366   | 40.84 | ng    | # 1    |
| 40) Hexachlorocyclopentadiene  | 8.86 | 237  | 94085    | 24.66 | ng    | 97     |

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 Sample : SSTDCCC040  
 Misc :  
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Instrument :  
 BNA\_F  
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 SSTDCCC040

Manual Integrations  
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 6/20/2016 6:50:54 PM

Quant Time: Jun 17 17:11:17 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 17 16:09:13 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.98  | 196  | 173351   | 36.65 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.03  | 196  | 188378   | 38.28 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 9.16  | 154  | 667146   | 36.39 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 9.19  | 162  | 543374   | 35.50 | nq    | 100      |
| 47) 2-Nitroaniline             | 9.29  | 65   | 180516   | 39.98 | nq    | # 83     |
| 48) Acenaphthylene             | 9.60  | 152  | 775291   | 31.84 | nq    | 99       |
| 49) Dimethylphthalate          | 9.47  | 163  | 661949   | 38.63 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.54  | 165  | 161645   | 41.19 | nq    | # 79     |
| 51) Acenaphthene               | 9.77  | 154  | 474732   | 31.26 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.70  | 138  | 157580   | 34.80 | nq    | 95       |
| 53) 2,4-Dinitrophenol          | 9.82  | 184  | 42888    | 25.65 | nq    | # 75     |
| 54) Dibenzofuran               | 9.94  | 168  | 656305   | 31.38 | nq    | # 87     |
| 55) 4-Nitrophenol              | 9.87  | 139  | 100754   | 28.67 | nq    | 90       |
| 56) 2,4-Dinitrotoluene         | 9.94  | 165  | 185816   | 36.85 | nq    | # 70     |
| 57) Fluorene                   | 10.28 | 166  | 526839   | 36.34 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.07 | 232  | 147848   | 38.23 | nq    | # 56     |
| 59) Diethylphthalate           | 10.17 | 149  | 653217   | 37.66 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.28 | 204  | 239853   | 34.48 | nq    | # 84     |
| 61) 4-Nitroaniline             | 10.32 | 138  | 169988   | 39.58 | nq    | 98       |
| 62) Azobenzene                 | 10.43 | 77   | 640665   | 37.35 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.35 | 198  | 90385    | 33.68 | nq    | # 54     |
| 65) n-Nitrosodiphenylamine     | 10.40 | 169  | 514083   | 35.31 | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.77 | 248  | 162320   | 34.49 | nq    | # 86     |
| 67) Hexachlorobenzene          | 10.83 | 284  | 189603   | 38.77 | nq    | # 81     |
| 68) Atrazine                   | 10.94 | 200  | 185926   | 42.18 | nq    | 94       |
| 69) Pentachlorophenol          | 11.03 | 266  | 83839    | 32.52 | nq    | 97       |
| 70) Phenanthrene               | 11.25 | 178  | 908897   | 39.48 | nq    | 99       |
| 71) Anthracene                 | 11.29 | 178  | 793151   | 34.15 | nq    | 100      |
| 72) Carbazole                  | 11.45 | 167  | 780287   | 35.91 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.78 | 149  | 977803   | 35.54 | nq    | 100      |
| 74) Fluoranthene               | 12.42 | 202  | 795252   | 32.73 | nq    | 99       |
| 76) Benzidine                  | 12.55 | 184  | 344916   | 45.04 | nq    | 100      |
| 77) Pyrene                     | 12.65 | 202  | 829159   | 40.40 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.28 | 149  | 421254   | 46.42 | nq    | 92       |
| 80) Benzo(a)anthracene         | 13.84 | 228  | 567904   | 36.03 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.81 | 252  | 196852   | 46.44 | nq    | 98       |
| 82) Chrysene                   | 13.87 | 228  | 605950   | 40.86 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.84 | 149  | 478462   | 43.31 | nq    | # 98     |
| 84) Di-n-octyl phthalate       | 14.45 | 149  | 814150   | 45.36 | nq    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 16.54 | 276  | 593361   | 43.07 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 14.85 | 252  | 562279m  | 32.37 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.87 | 252  | 521572m  | 39.80 | nq    |          |
| 89) Benzo(a)pyrene             | 15.18 | 252  | 538889   | 38.34 | nq    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 16.55 | 278  | 489645   | 37.51 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 16.94 | 276  | 529368   | 39.42 | nq    | 97       |

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

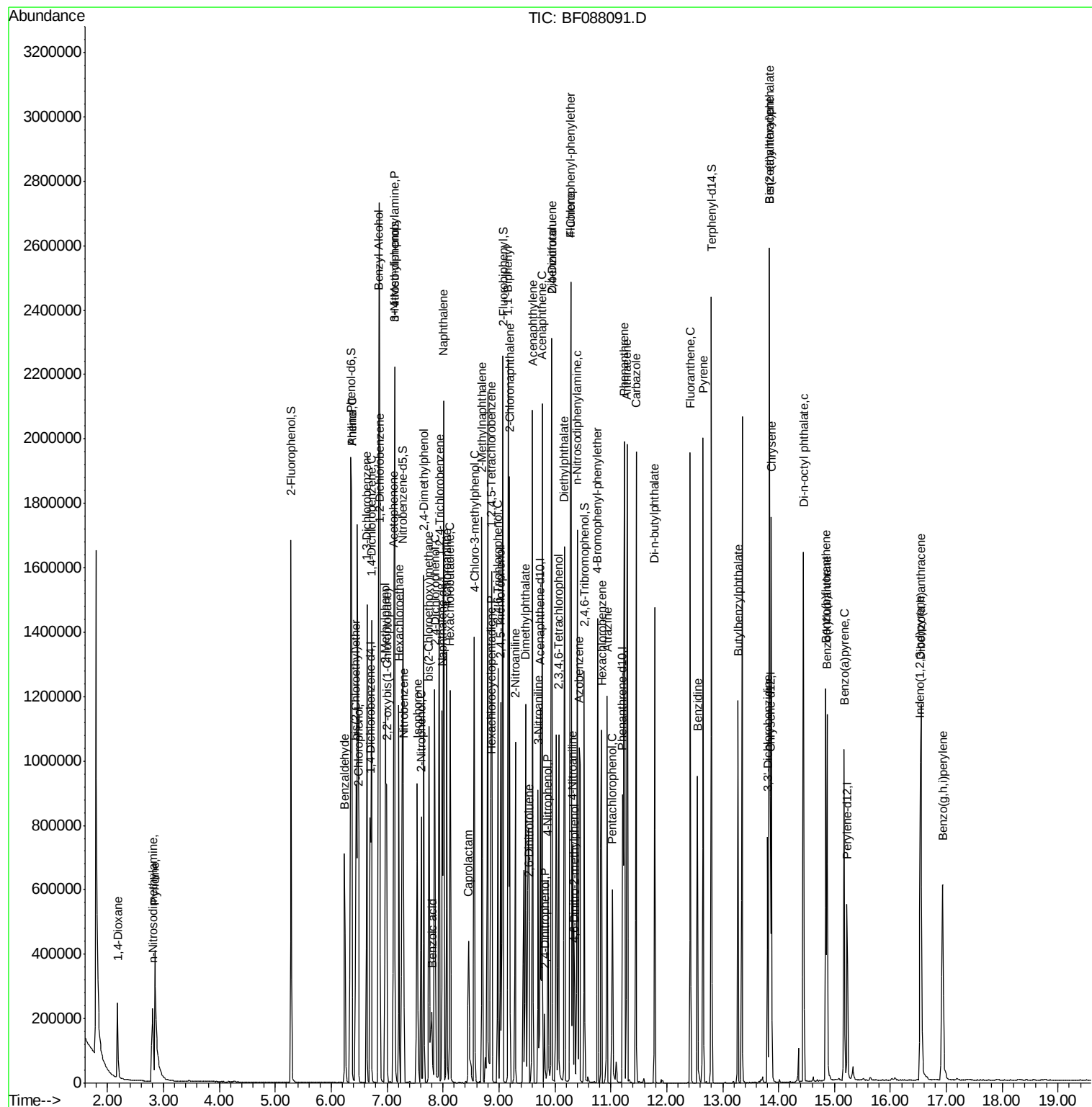
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061716\  
 Data File : BF088091.D  
 Acq On : 17 Jun 2016 13:07  
 Operator : UM/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

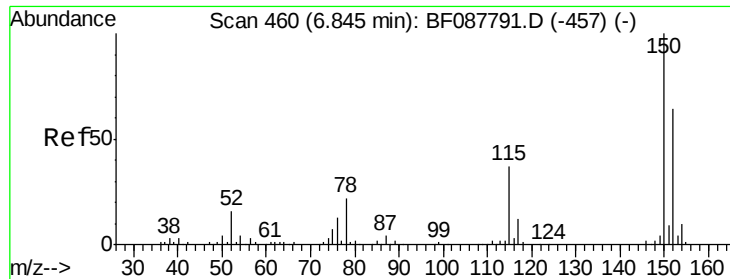
Instrument :  
 BNA\_F  
 Client Sample ID :  
 SSTDCCC040

Manual Integrations  
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#1

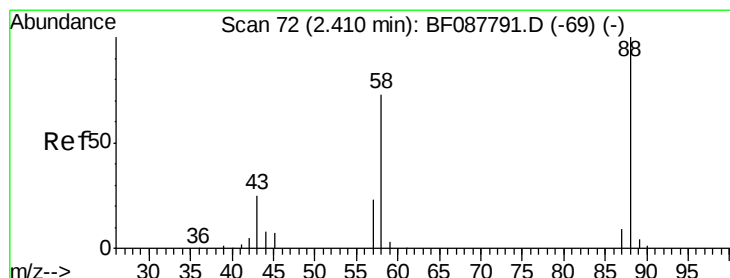
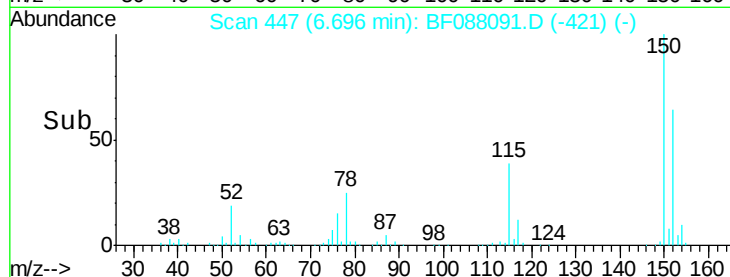
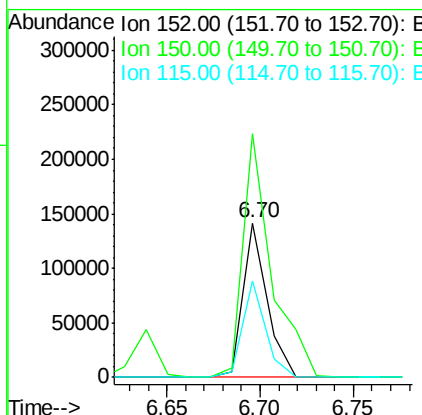
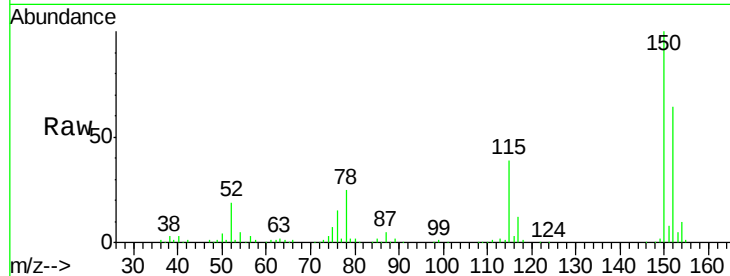
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.70 min Scan# 447  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 157.4 | 123.8 | 185.6 |
| 115     | 62.2  | 39.6  | 59.4  |

Manual Integrations  
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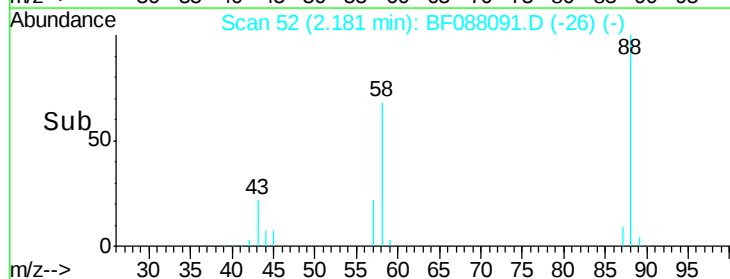
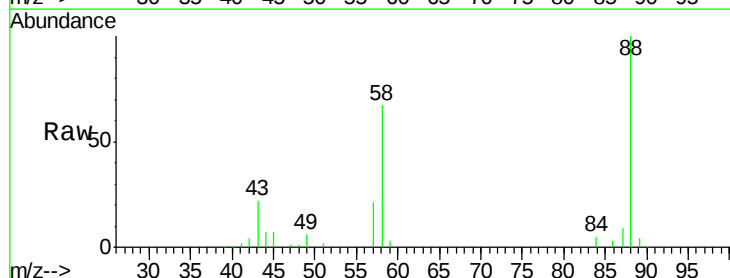
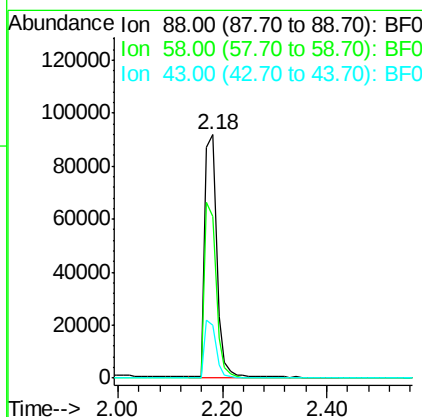
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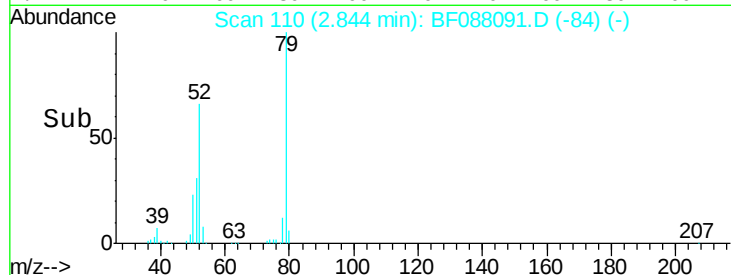
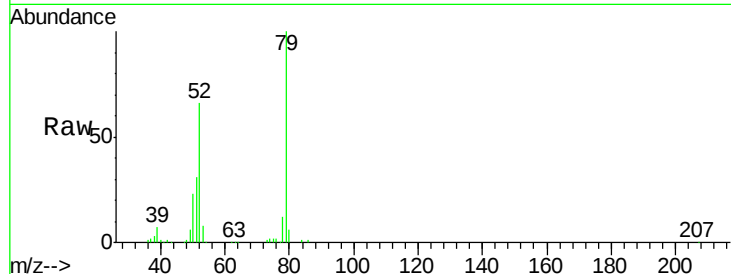
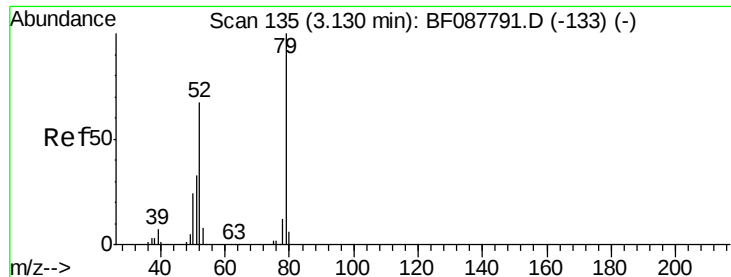


#2

1,4-Dioxane  
Concen: 41.82 ng  
RT: 2.18 min Scan# 52  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 67.7  | 0.0   | 0.0   |
| 43      | 22.2  | 3.4   | 5.2   |





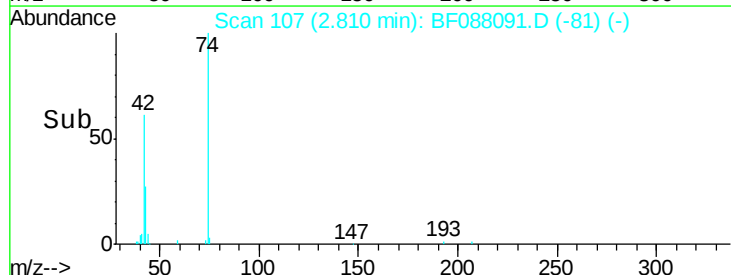
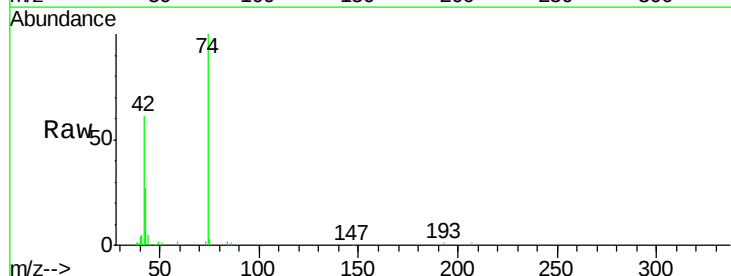
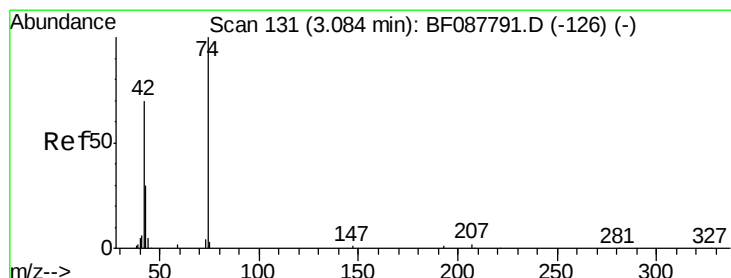
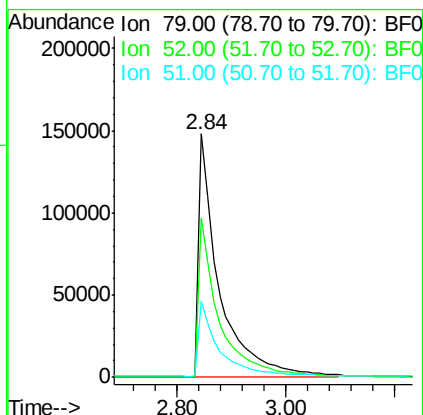
#3  
 Pvrindine  
 Concen: 45.60 ng  
 RT: 2.84 min Scan# 110  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 65.6  | 56.3  | 84.5  |
| 51      | 31.4  | 27.4  | 41.2  |

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

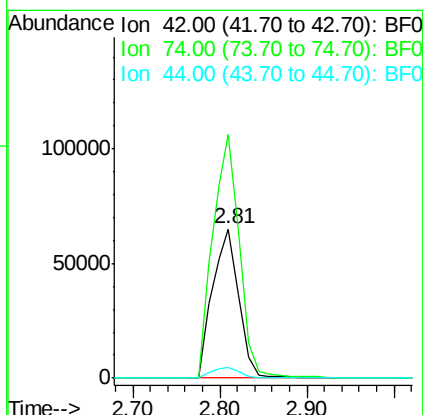
Manual Integrations  
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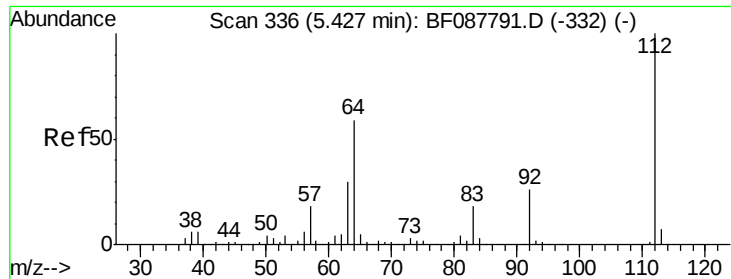
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#4  
 n-Nitrosodimethylamine  
 Concen: 37.81 ng  
 RT: 2.81 min Scan# 107  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 163.3 | 108.6 | 163.0# |
| 44      | 7.4   | 5.5   | 8.3    |





#5

2-Fluorophenol

Concen: 71.50 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

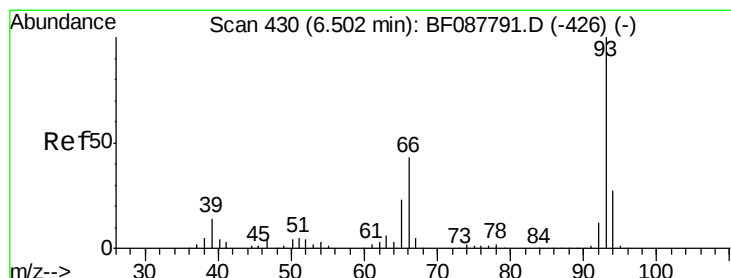
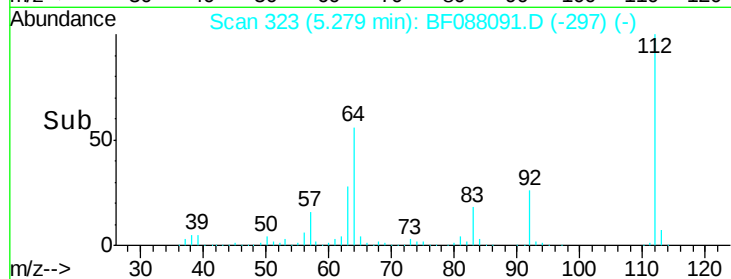
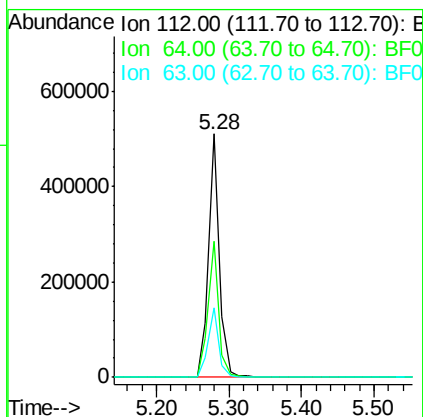
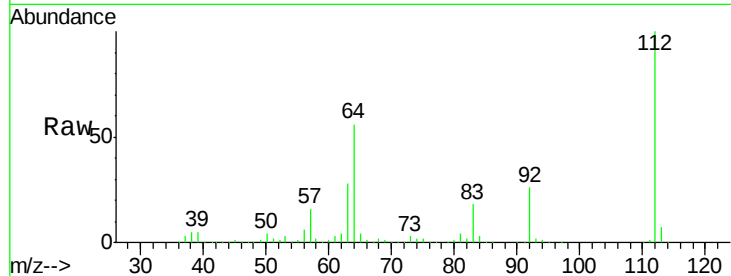
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 532480 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 56.0  | 42.2  | 63.2   |
| 63        | 28.5  | 21.8  | 32.8   |

Manual Integrations  
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#6

Aniline

Concen: 33.58 ng

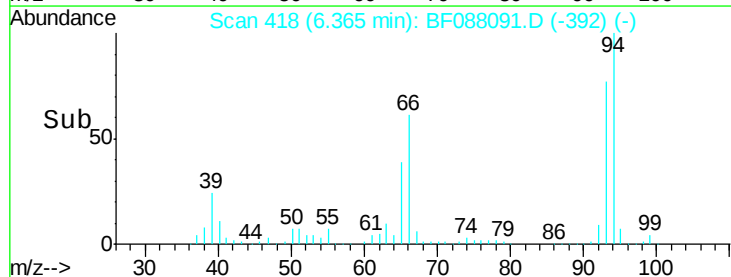
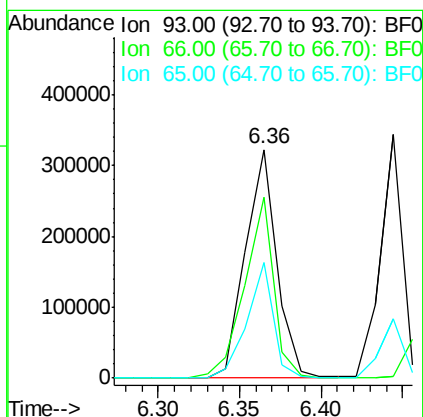
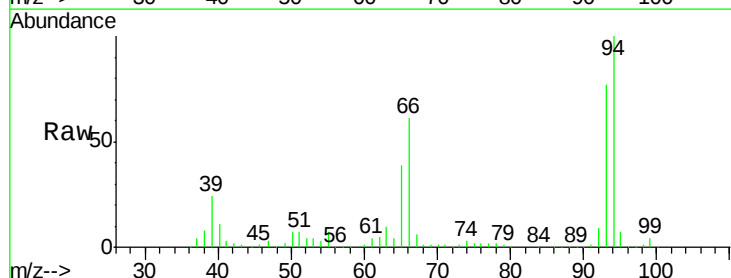
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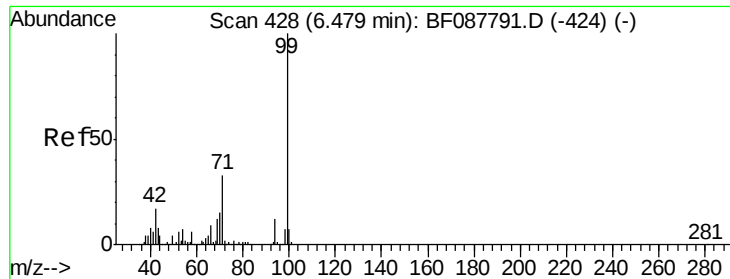
Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 431454 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 79.4  | 29.8  | 44.8#  |
| 65        | 50.5  | 14.9  | 22.3#  |





#7

Phenol-d6

Concen: 76.60 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

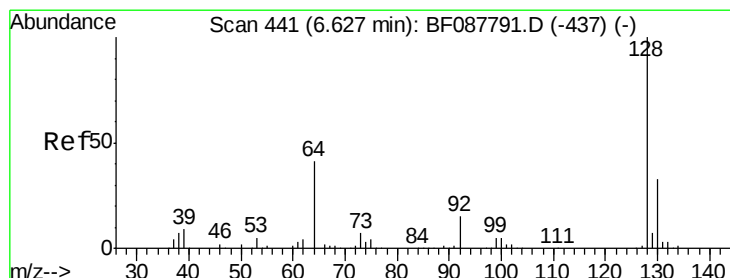
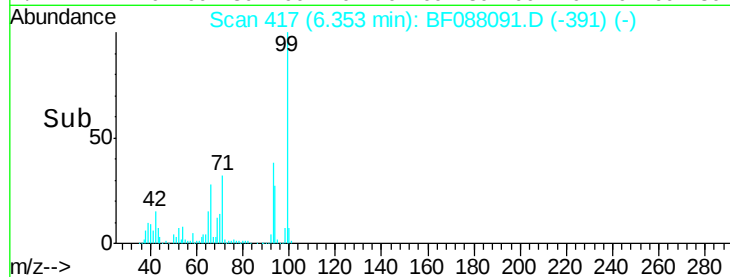
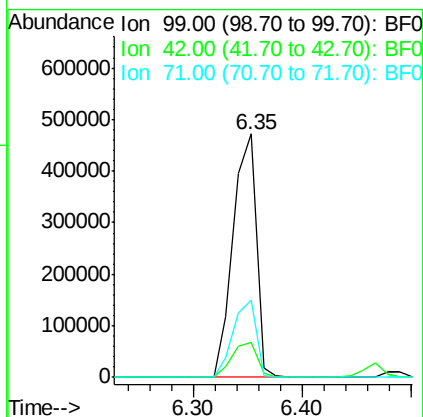
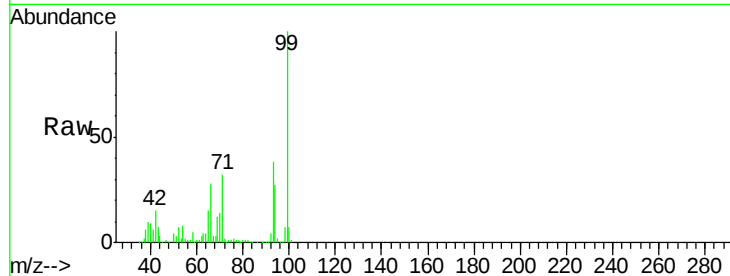
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 691340 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 14.6  | 12.2  | 18.2   |
| 71        | 31.7  | 23.4  | 35.0   |

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#8

2-Chlorophenol

Concen: 39.32 ng

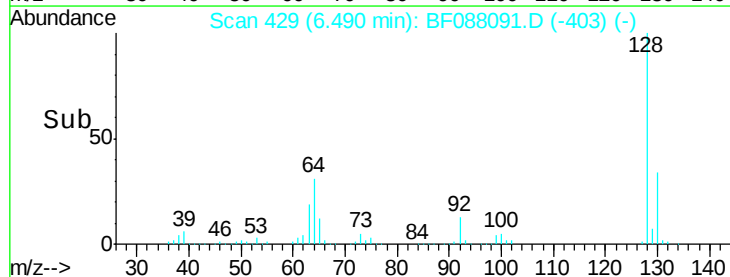
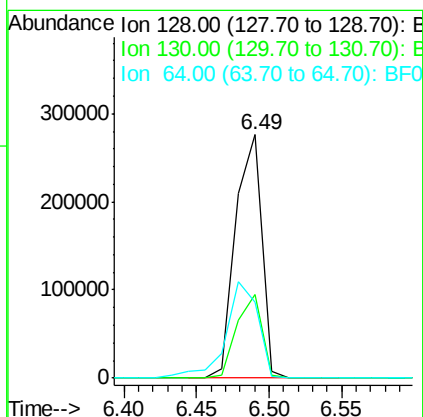
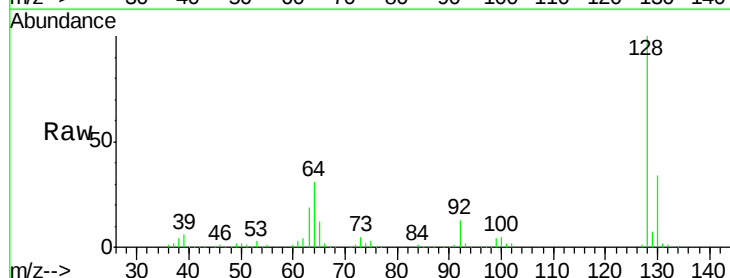
RT: 6.49 min Scan# 429

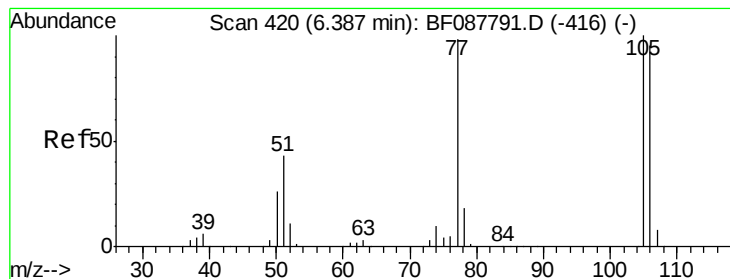
Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 346573 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 34.2  | 12.0  | 52.0   |
| 64        | 31.3  | 30.8  | 70.8   |





#9

Benzaldehyde

Concen: 31.16 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

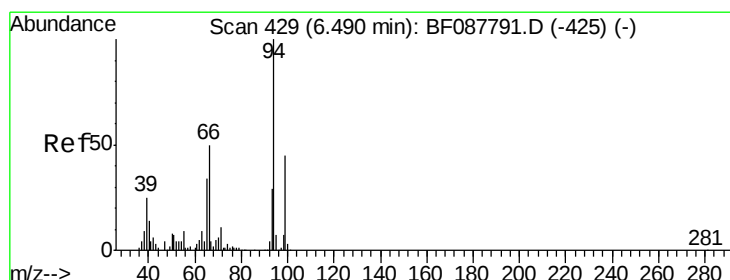
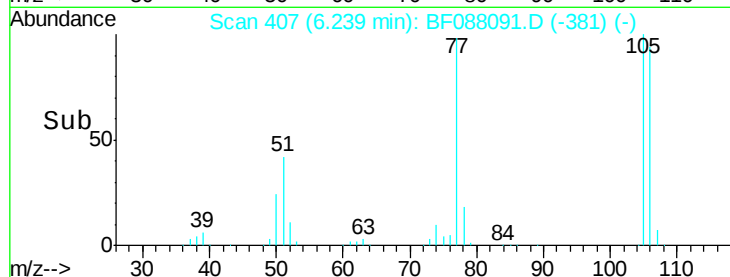
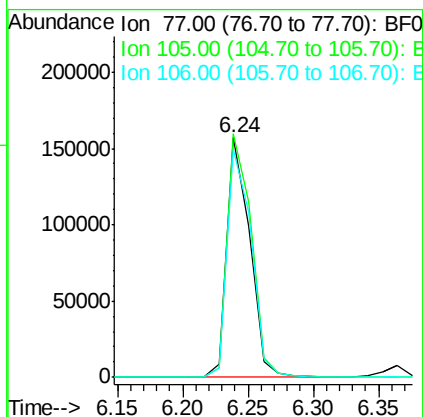
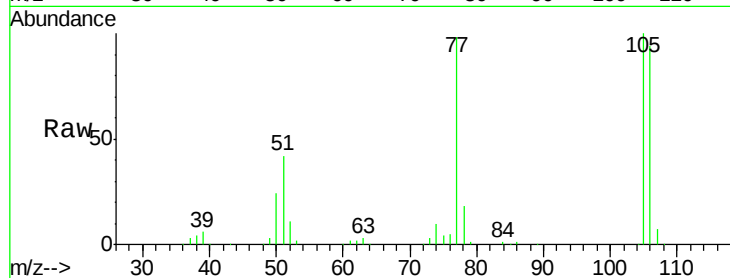
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 192507 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 101.6 | 90.6  | 130.6  |
| 106       | 95.1  | 85.3  | 125.3  |

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#10

Phenol

Concen: 43.76 ng

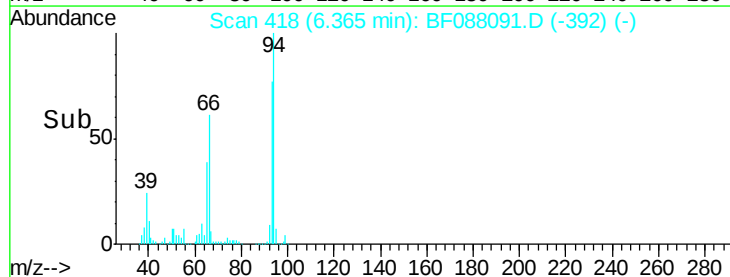
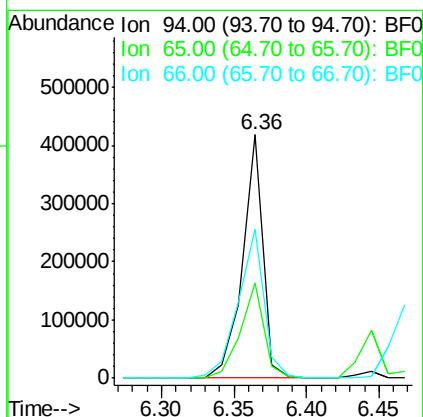
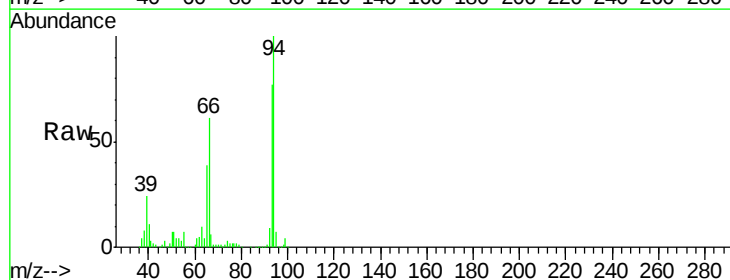
RT: 6.36 min Scan# 418

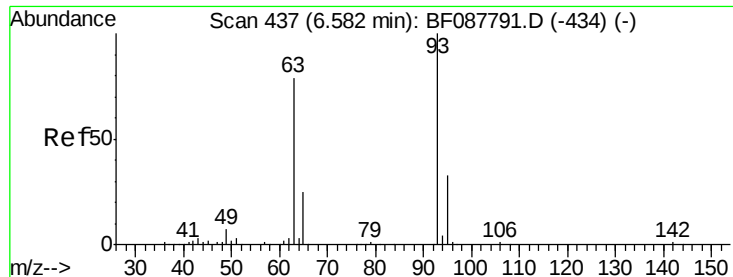
Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 408431 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 39.0  | 5.9   | 45.9   |
| 66        | 61.2  | 14.0  | 54.0   |





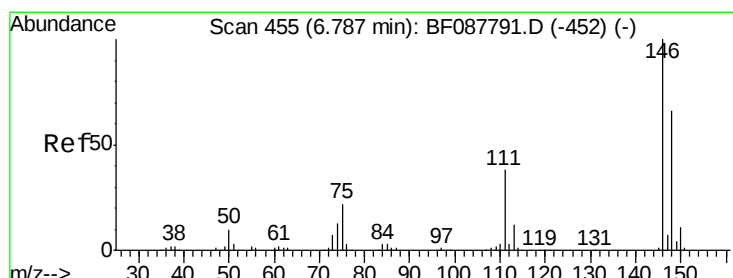
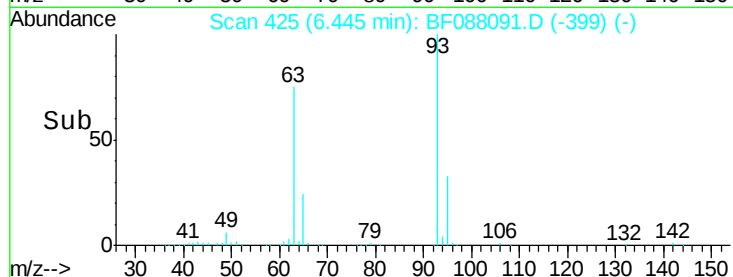
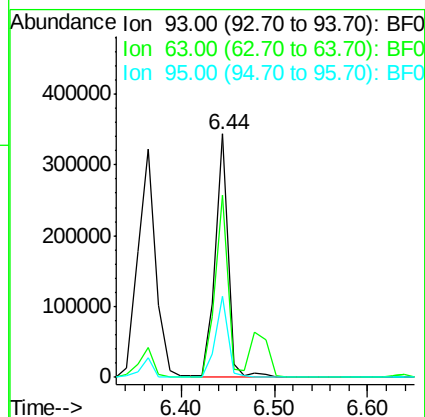
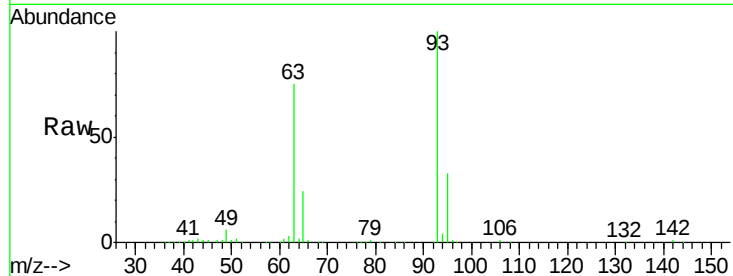
#11  
bis(2-Chloroethyl)ether  
Concen: 41.87 ng  
RT: 6.44 min Scan# 425  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 74.7  | 67.6  | 107.6 |
| 95      | 33.2  | 12.5  | 52.5  |

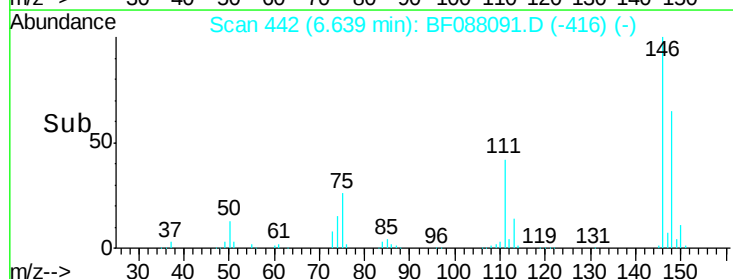
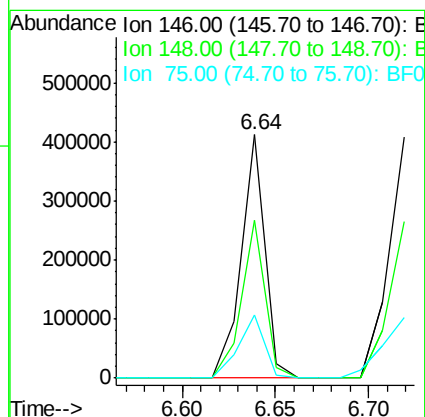
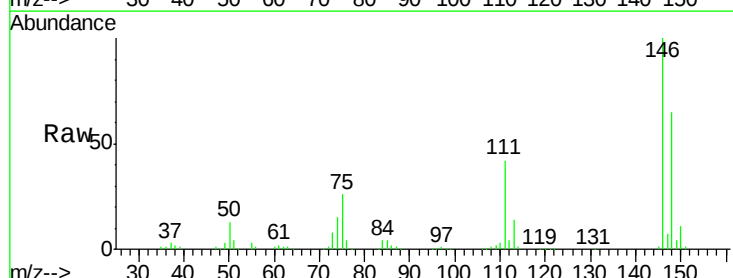
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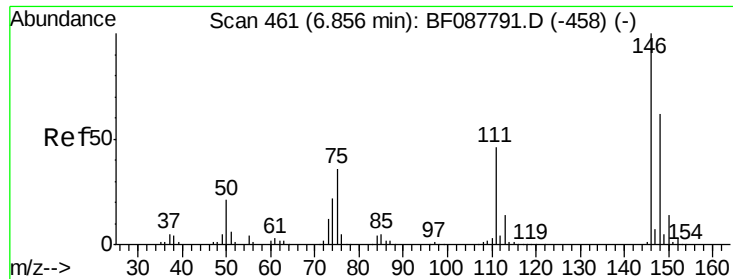
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#12  
1,3-Dichlorobenzene  
Concen: 38.77 ng  
RT: 6.64 min Scan# 442  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.0  | 50.9  | 76.3  |
| 75      | 26.2  | 25.6  | 38.4  |





#13

1,4-Dichlorobenzene

Concen: 39.84 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

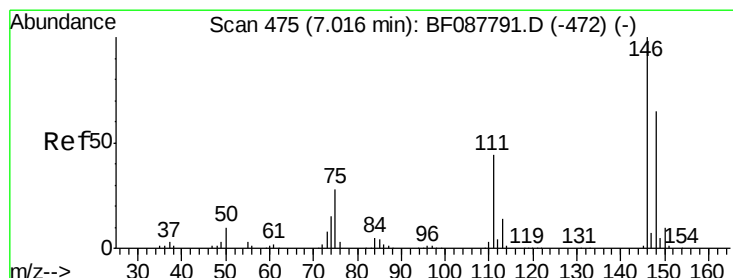
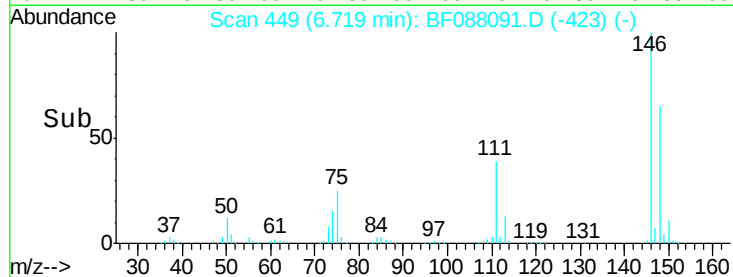
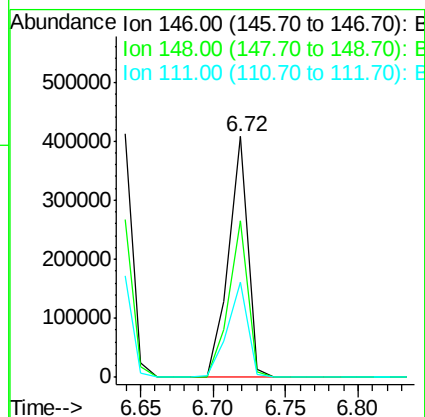
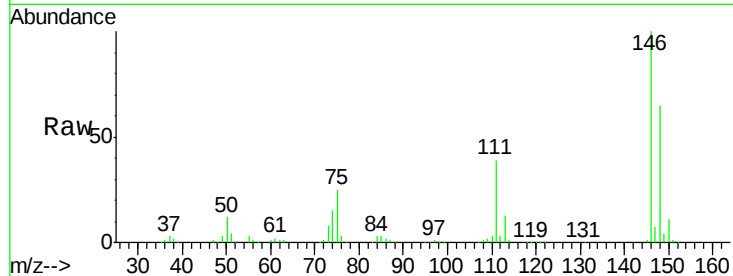
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 379607 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.3  | 52.0  | 78.0   |
| 111       | 39.4  | 33.8  | 50.8   |

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#14

1,2-Dichlorobenzene

Concen: 35.97 ng m

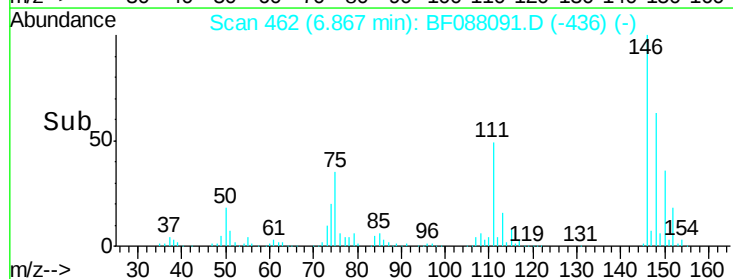
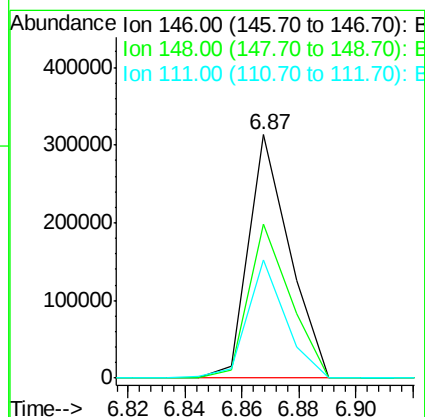
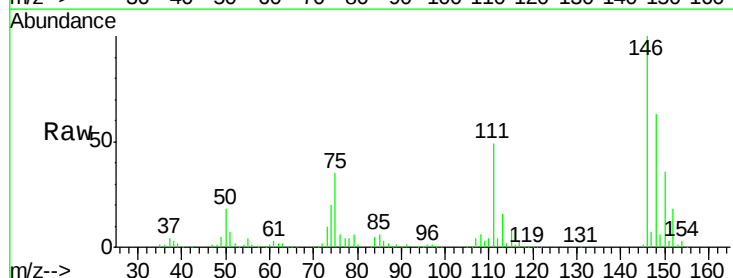
RT: 6.87 min Scan# 462

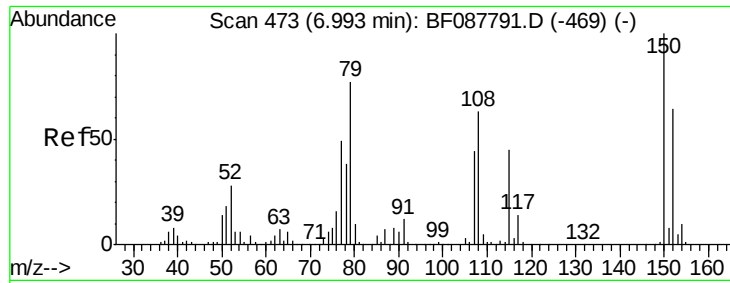
Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 311682 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.2  | 52.3  | 78.5   |
| 111       | 48.8  | 28.7  | 43.1#  |





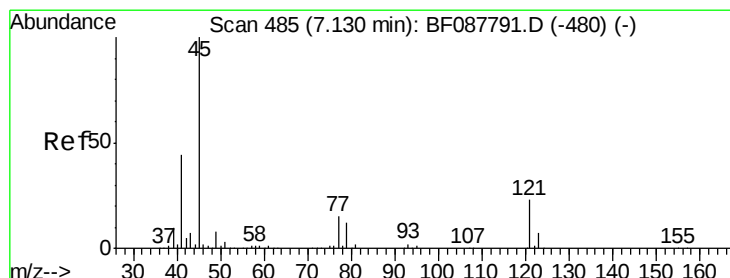
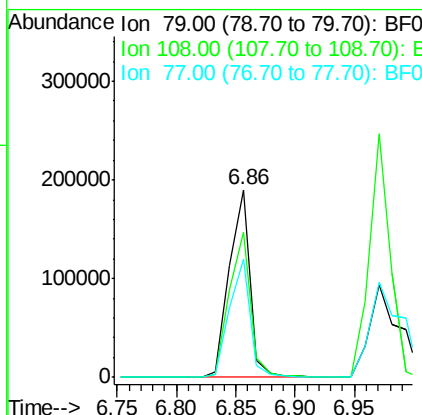
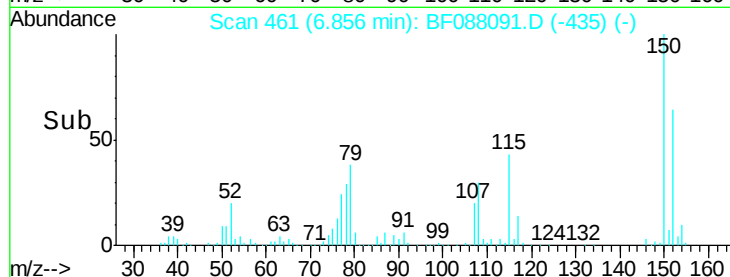
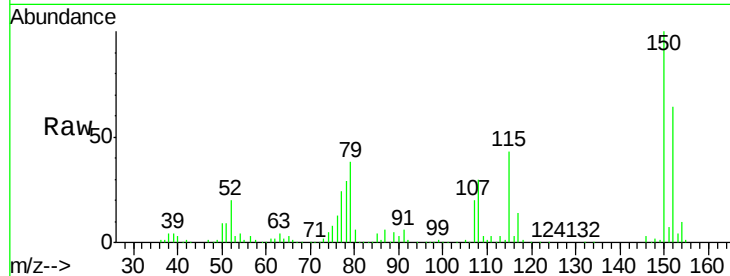
#15  
Benzyl Alcohol  
Concen: 32.71 ng  
RT: 6.86 min Scan# 461  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 77.2  | 65.0  | 97.6  |
| 77      | 63.0  | 50.3  | 75.5  |

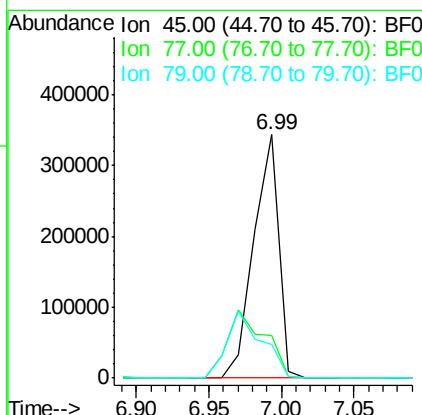
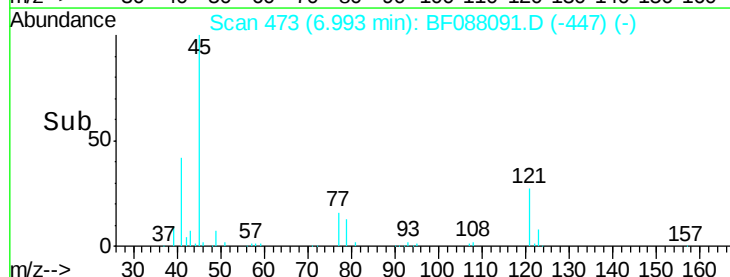
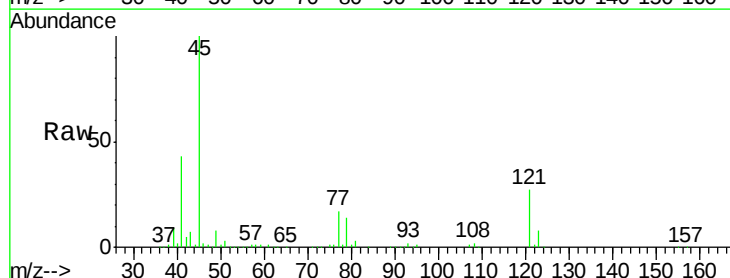
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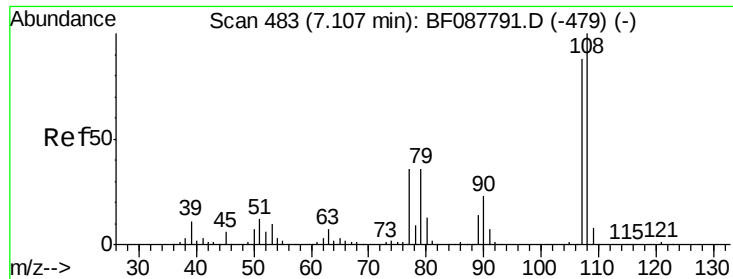
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 38.28 ng  
RT: 6.99 min Scan# 473  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 17.3  | 0.0   | 32.5  |
| 79      | 13.9  | 0.0   | 29.5  |





#17

2-Methylphenol

Concen: 37.05 ng

RT: 6.97 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

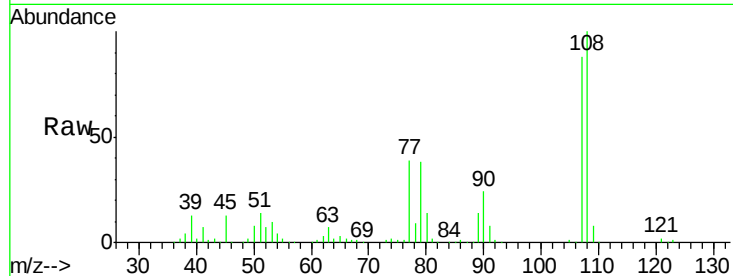
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 264847 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 113.2 | 90.9  | 136.3  |
| 77        | 44.4  | 36.6  | 55.0   |
| 79        | 43.2  | 36.5  | 54.7   |

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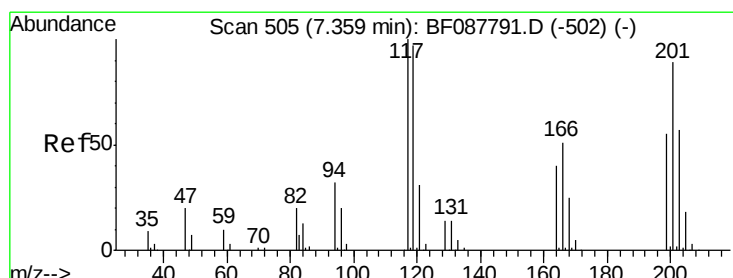
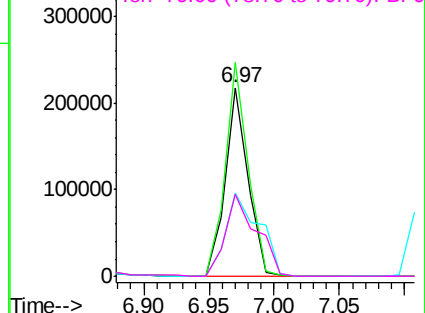
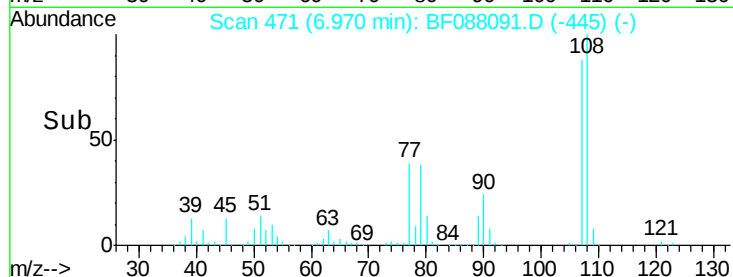


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.03 ng

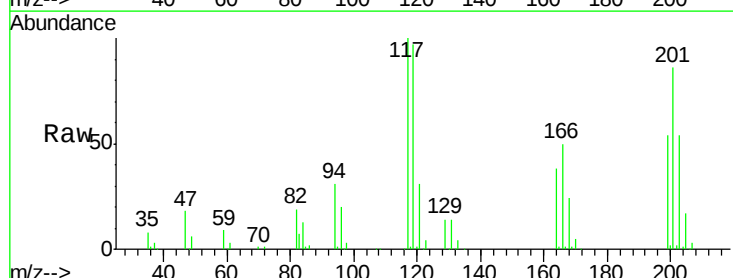
RT: 7.21 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

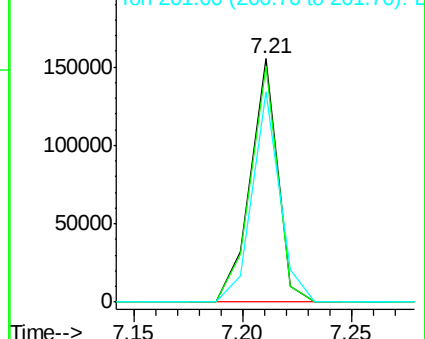
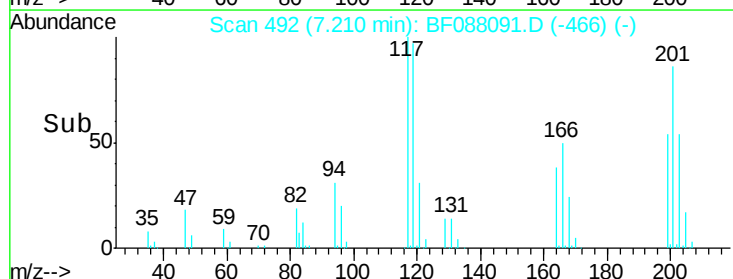
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 135340 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 96.9  | 77.4  | 116.2  |
| 201       | 86.2  | 80.4  | 120.6  |

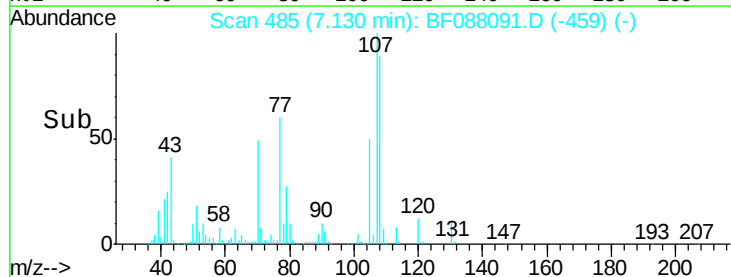
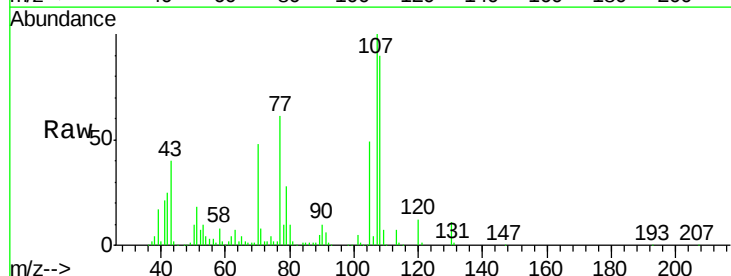
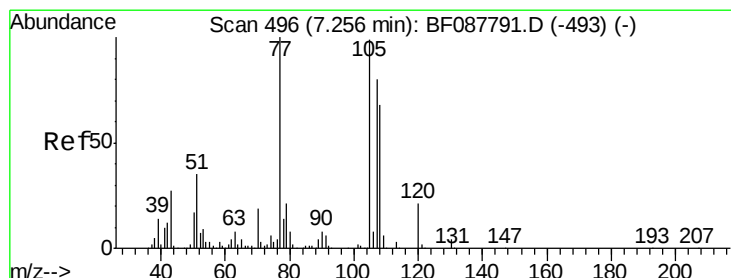
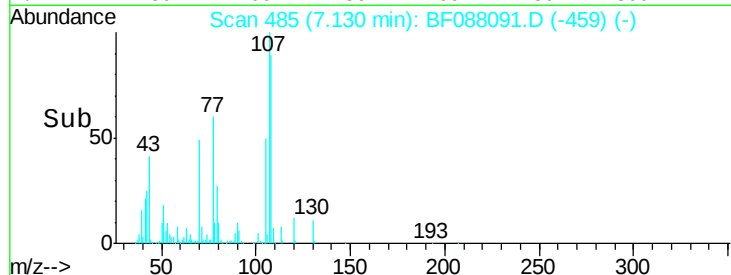
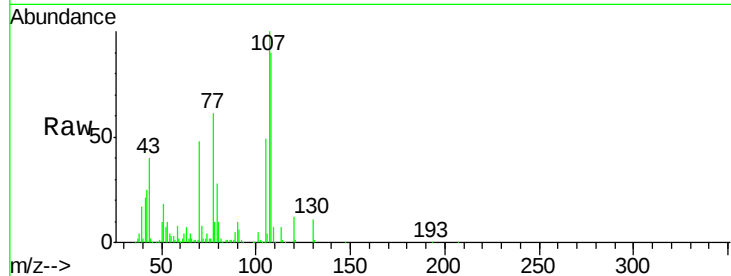
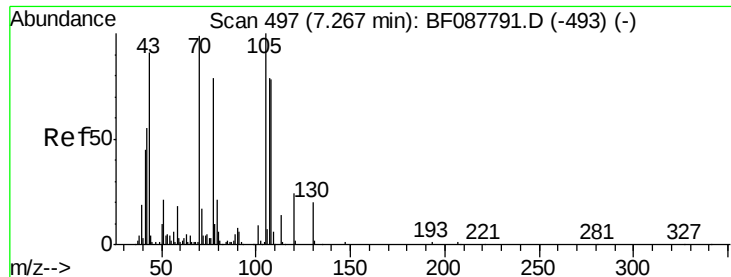


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 33.77 ng

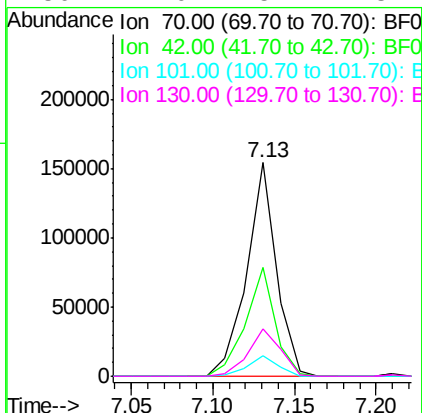
RT: 7.13 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 50.7 | 49.6  | 74.4  |       |
| 101     | 9.6  | 7.1   | 10.7  |       |
| 130     | 22.0 | 15.4  | 23.2  |       |



Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

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#20

3+4-Methylphenols

Concen: 34.72 ng

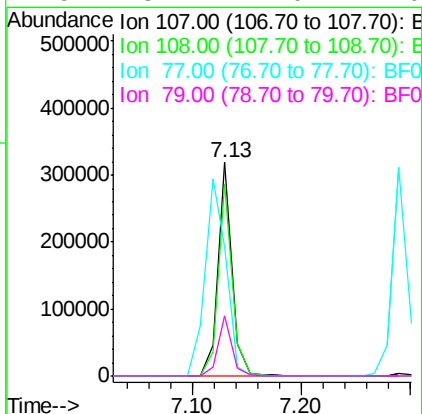
RT: 7.13 min Scan# 485

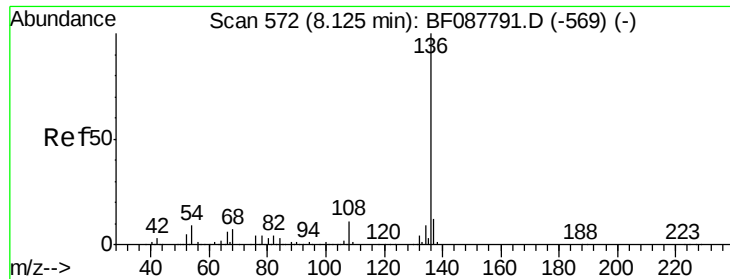
Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 89.6 | 67.8  | 107.8 |       |
| 77      | 60.6 | 59.3  | 99.3  |       |
| 79      | 28.4 | 7.0   | 47.0  |       |





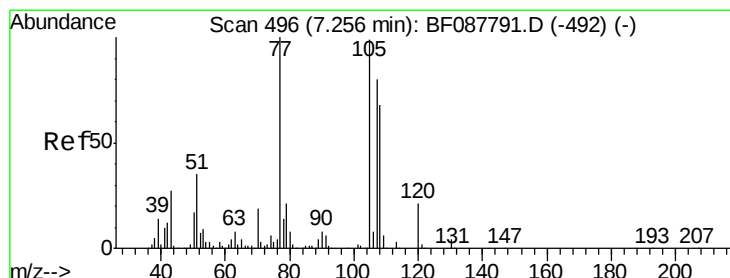
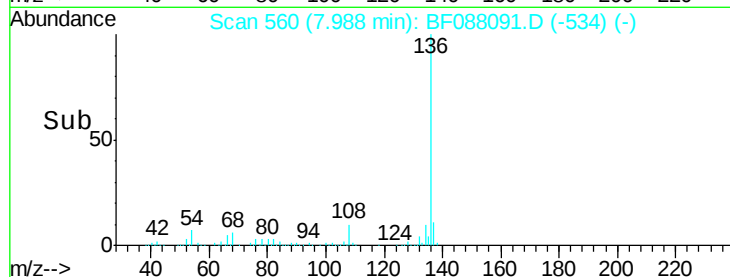
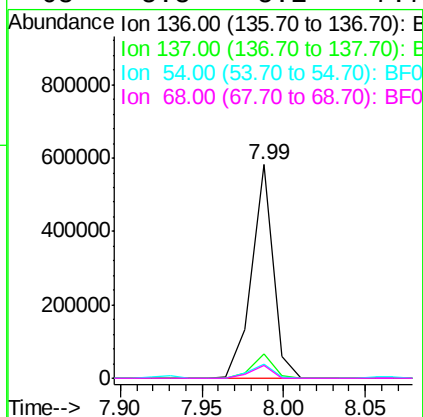
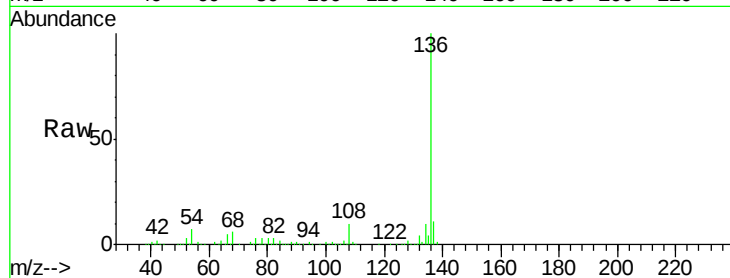
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.99 min Scan# 560  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.2  | 9.1  | 13.7  |       |
| 54      | 6.8   | 6.6  | 10.0  |       |
| 68      | 5.8   | 5.1  | 7.7   |       |

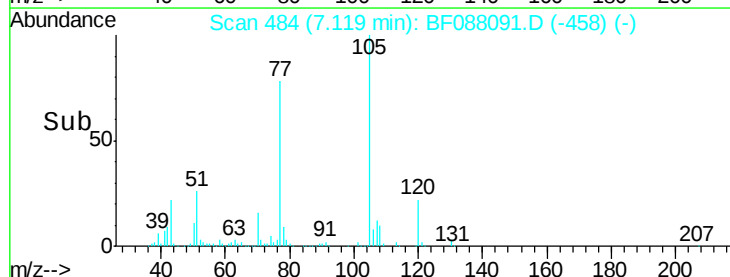
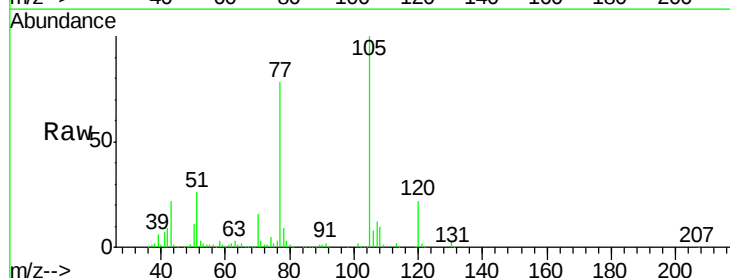
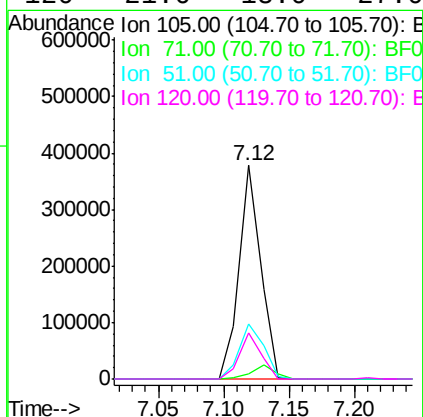
Manual Integrations  
APPROVED

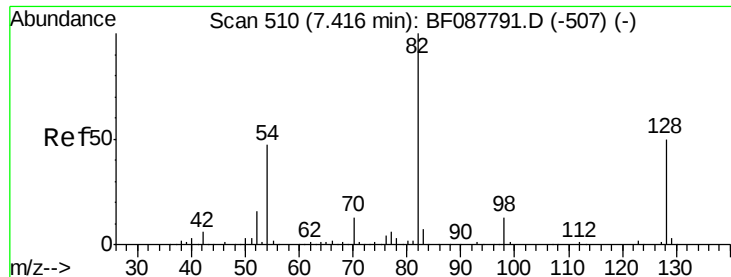
sohil  
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#22  
Acetophenone  
Concen: 36.62 ng  
RT: 7.12 min Scan# 484  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 2.7   | 5.3  | 7.9#  |       |
| 51      | 25.5  | 18.2 | 27.4  |       |
| 120     | 21.6  | 18.0 | 27.0  |       |





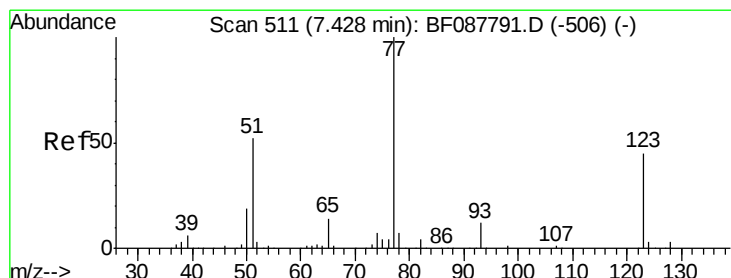
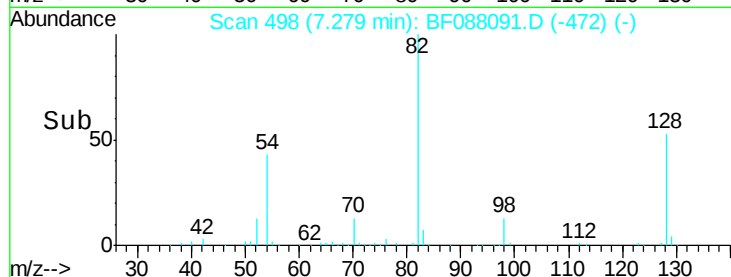
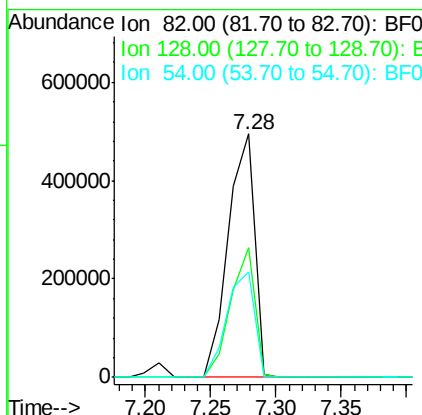
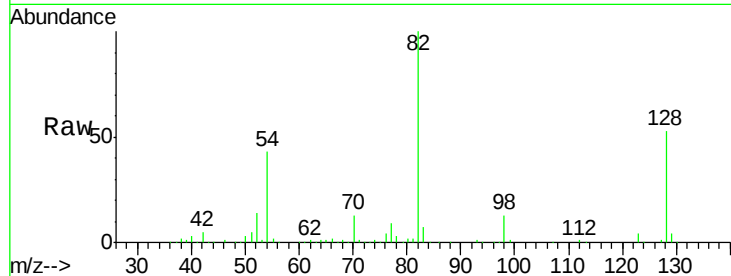
#23  
 Nitrobenzene-d5  
 Concen: 76.03 ng  
 RT: 7.28 min Scan# 498  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 692867 |       |       |
| 128     | 53.2  |        | 35.9  | 53.9  |
| 54      | 43.3  |        | 40.9  | 61.3  |

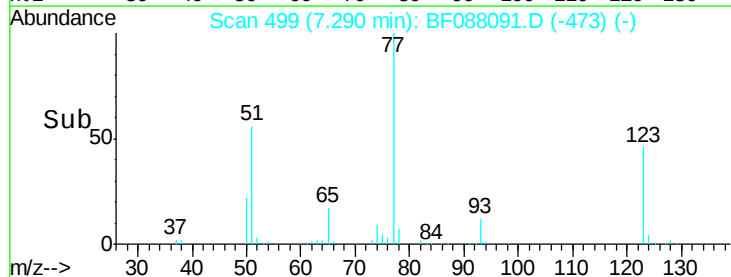
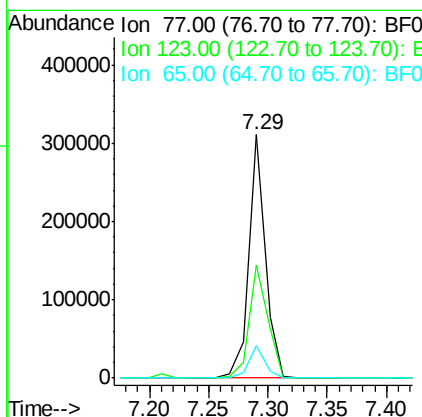
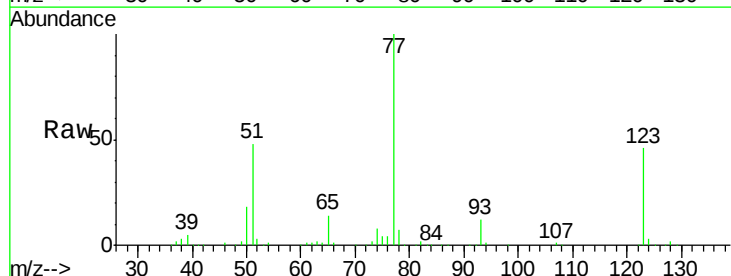
Manual Integrations  
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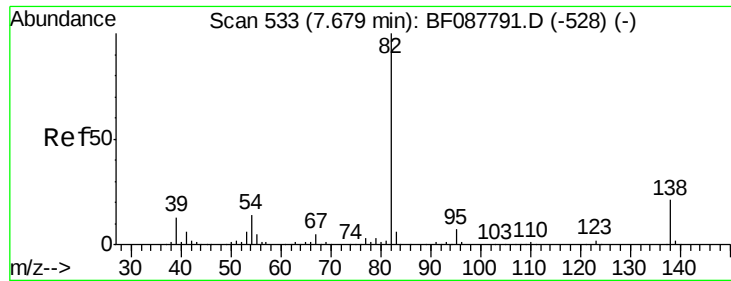
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#24  
 Nitrobenzene  
 Concen: 34.39 ng  
 RT: 7.29 min Scan# 499  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 303583 |       |       |
| 123     | 46.4  |        | 45.0  | 67.4  |
| 65      | 13.6  |        | 10.2  | 15.2  |





#25

Isophorone

Concen: 38.06 ng

RT: 7.54 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

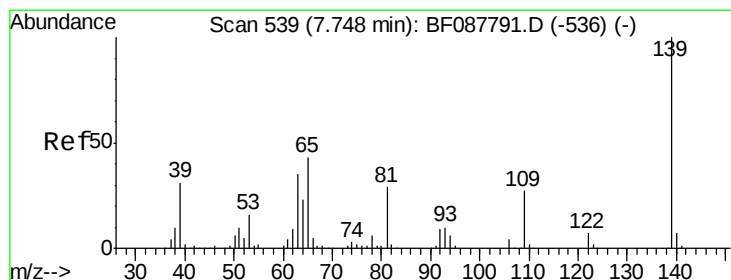
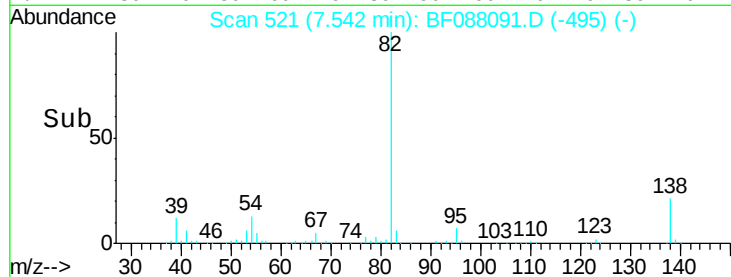
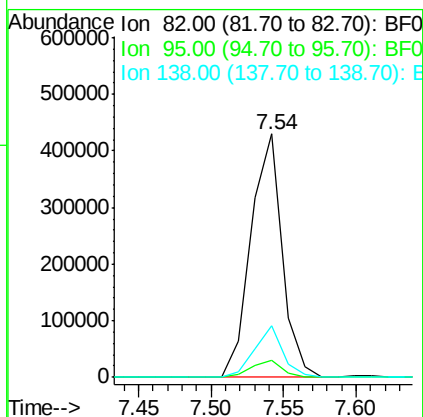
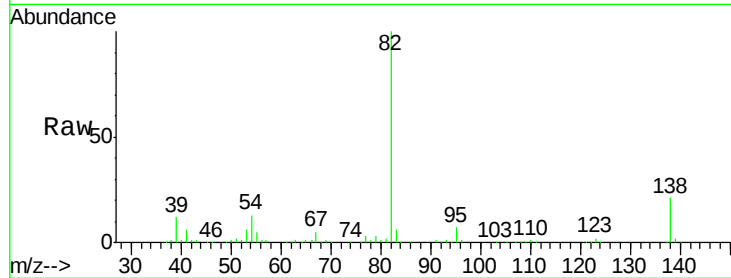
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 642411 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.2  | 5.4   | 8.2    |
| 138       | 21.0 | 14.6  | 21.8   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 43.27 ng

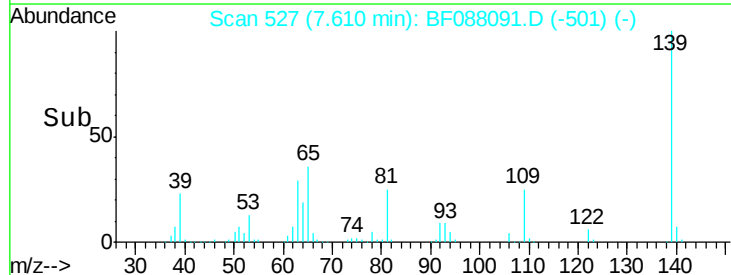
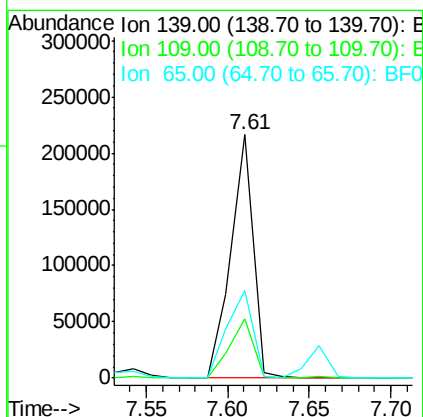
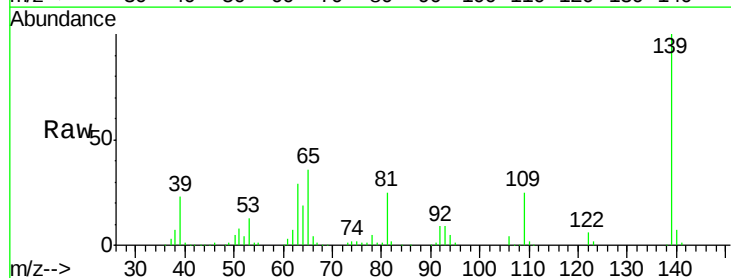
RT: 7.61 min Scan# 527

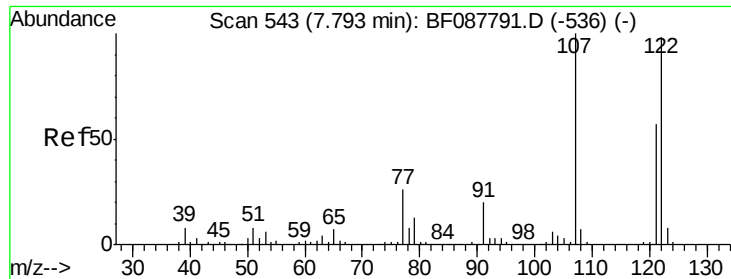
Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 204598 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 24.6 | 23.0  | 34.4   |
| 65        | 35.8 | 45.8  | 68.8#  |





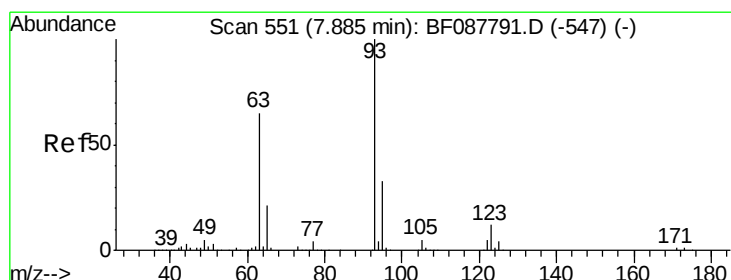
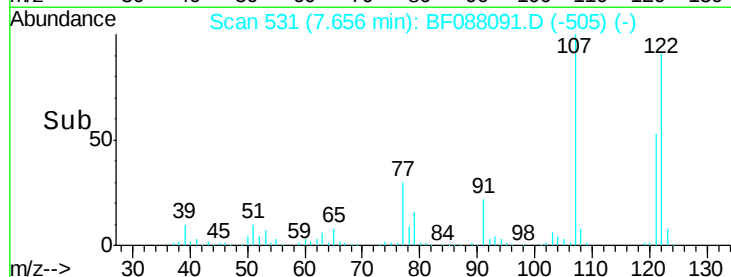
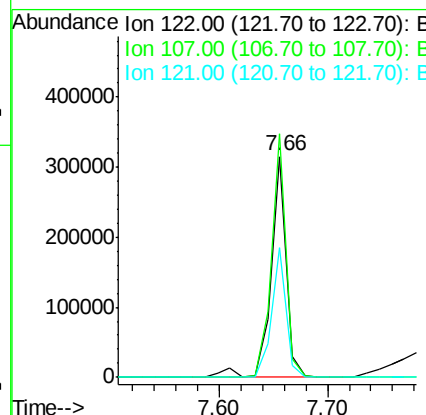
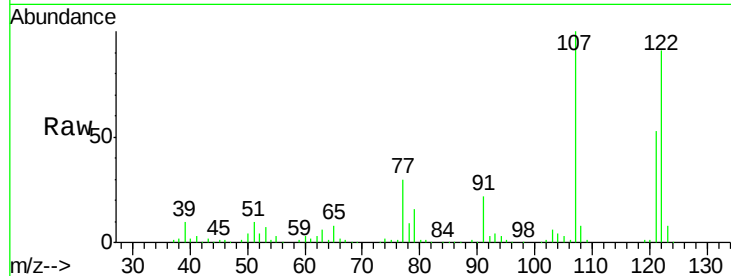
#27  
2,4-Dimethylphenol  
Concen: 35.58 ng  
RT: 7.66 min Scan# 531  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 309789 |       |       |
| 107     | 110.2 | 82.4   | 123.6 |       |
| 121     | 58.5  | 46.3   | 69.5  |       |

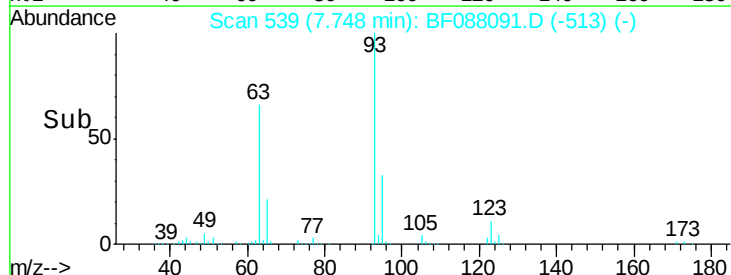
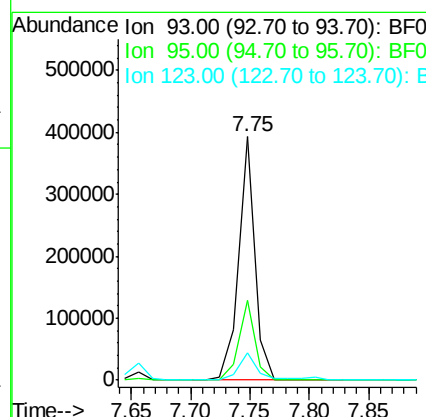
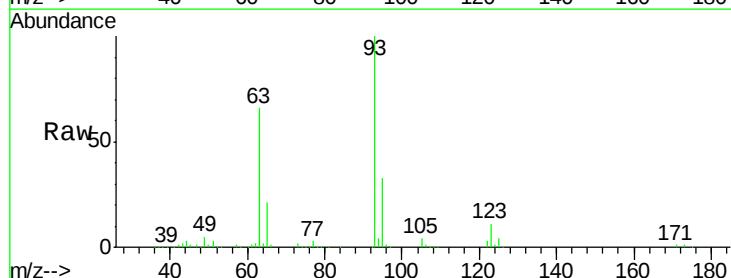
Manual Integrations  
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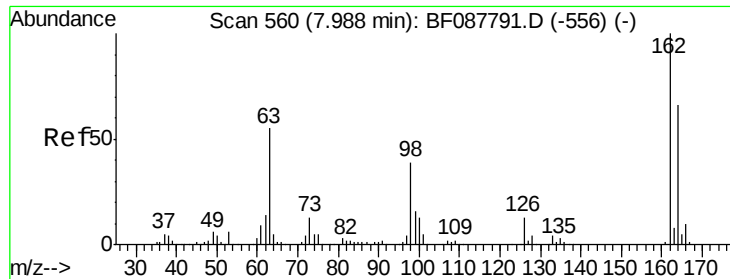
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#28  
bis(2-Chloroethoxy)methane  
Concen: 35.77 ng  
RT: 7.75 min Scan# 539  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 374560 |       |       |
| 95      | 32.9  | 26.5   | 39.7  |       |
| 123     | 11.1  | 11.6   | 17.4# |       |





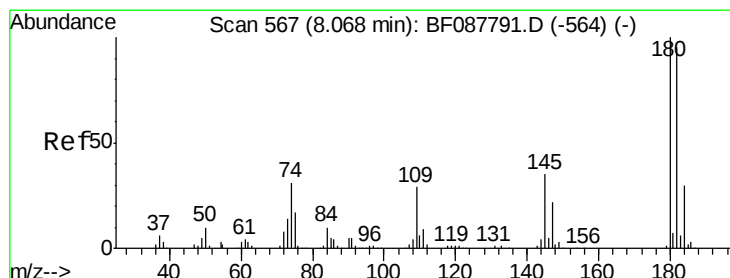
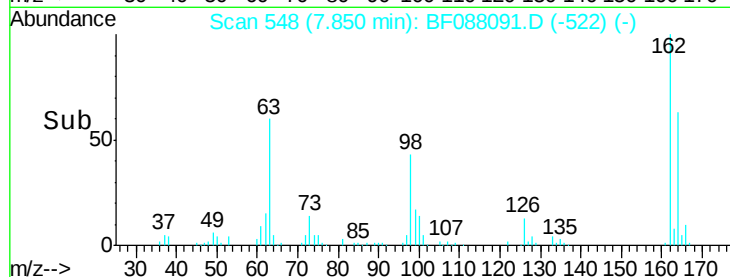
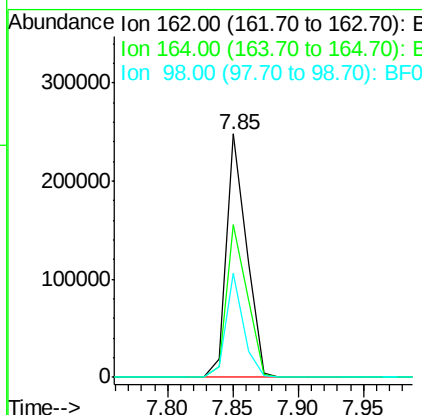
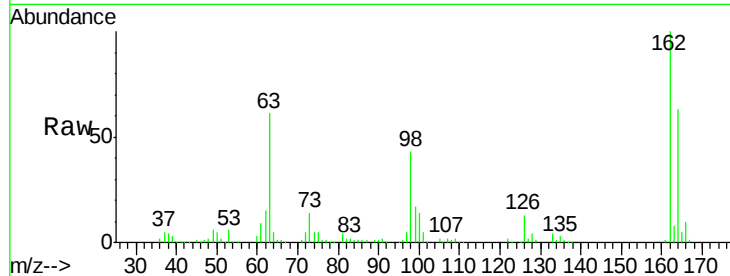
#29  
 2,4-Dichlorophenol  
 Concen: 36.71 ng  
 RT: 7.85 min Scan# 548  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 62.9  | 43.8       | 83.8       |
| 98      | 42.8  | 21.3       | 61.3       |

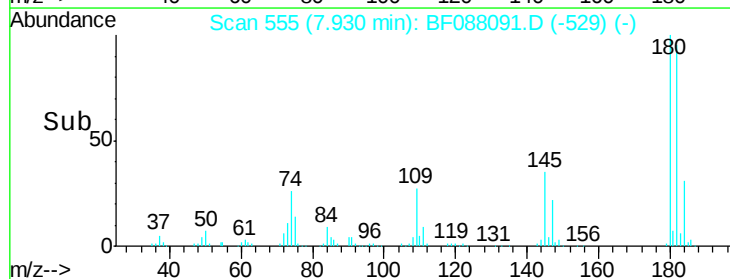
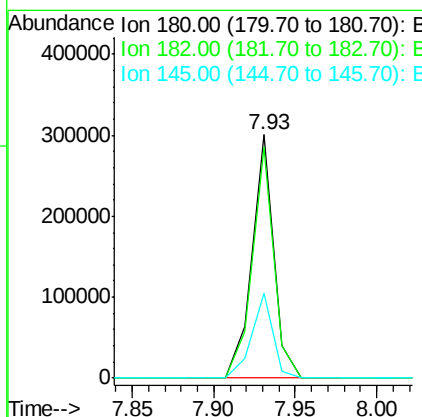
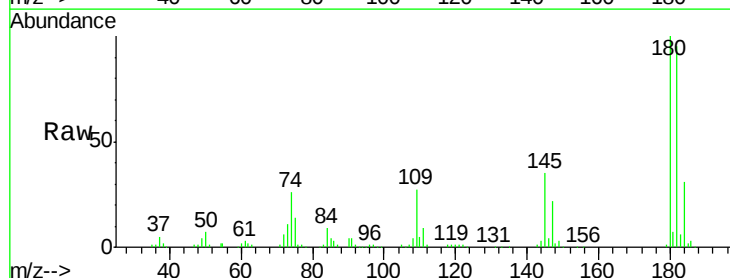
Manual Integrations  
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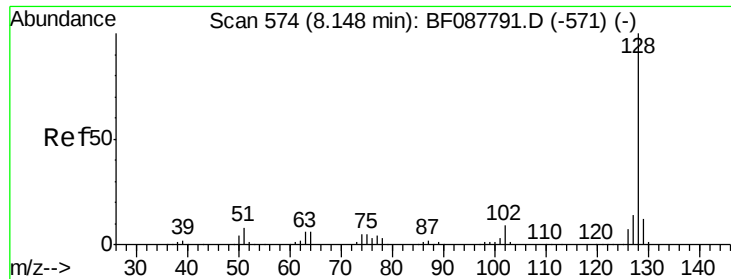
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 35.15 ng  
 RT: 7.93 min Scan# 555  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 94.9  | 76.0       | 114.0      |
| 145     | 34.6  | 26.5       | 39.7       |





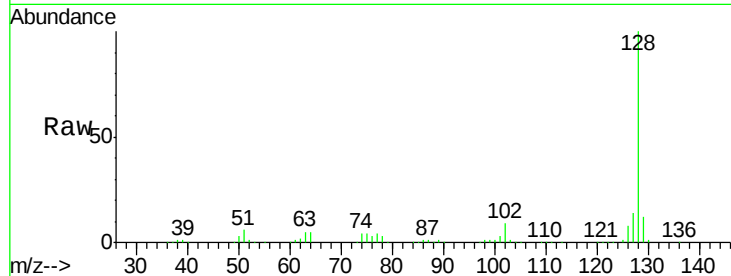
#31  
Naphthalene  
Concen: 36.01 ng  
RT: 8.01 min Scan# 562  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

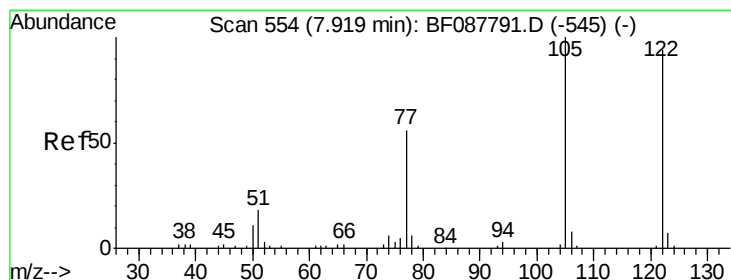
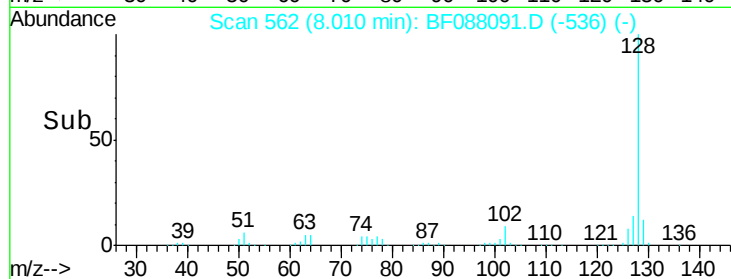
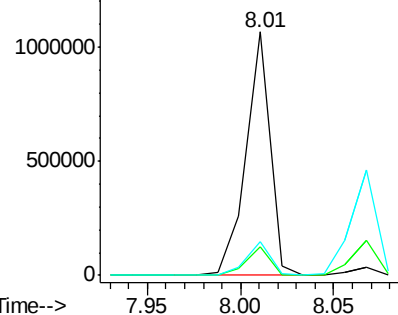
| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 128     | 100   |            |            |
| 129     | 11.6  | 9.4        | 14.2       |
| 127     | 13.8  | 10.9       | 16.3       |

Manual Integrations  
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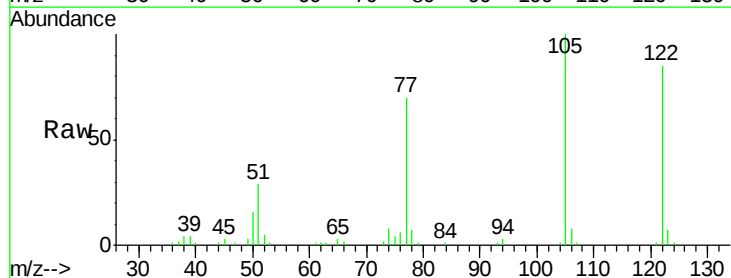


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

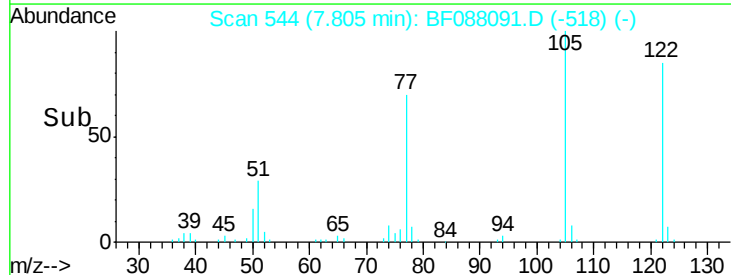
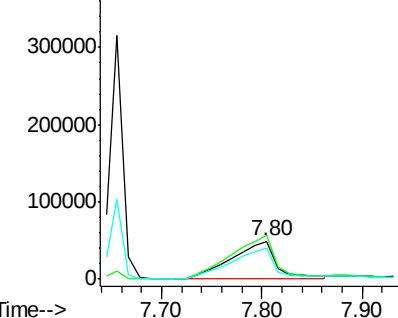


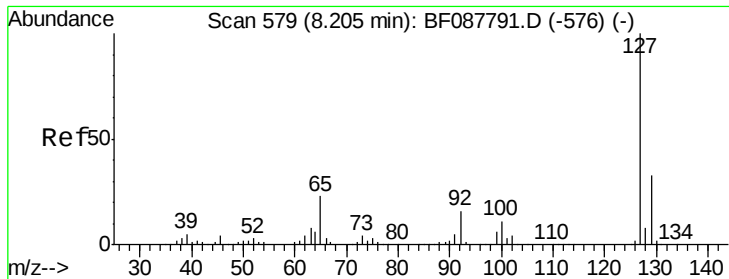
#32  
Benzoic acid  
Concen: 30.65 ng  
RT: 7.80 min Scan# 544  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 122     | 100   |            |            |
| 105     | 117.8 | 101.6      | 141.6      |
| 77      | 82.4  | 70.6       | 110.6      |



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





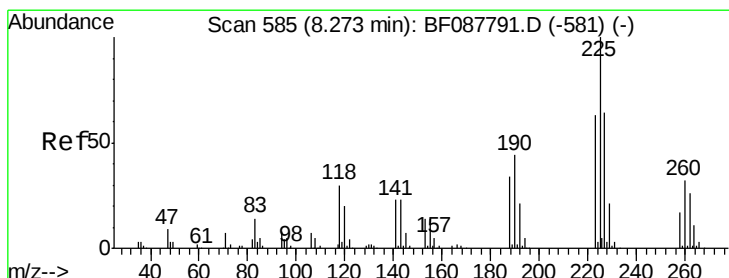
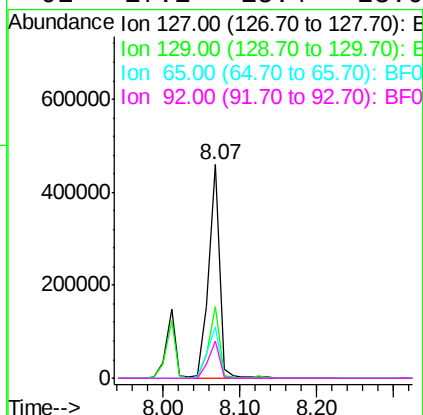
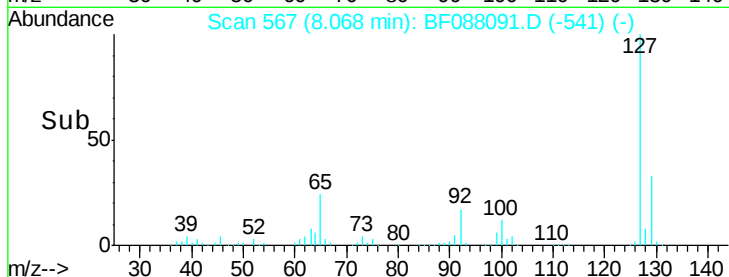
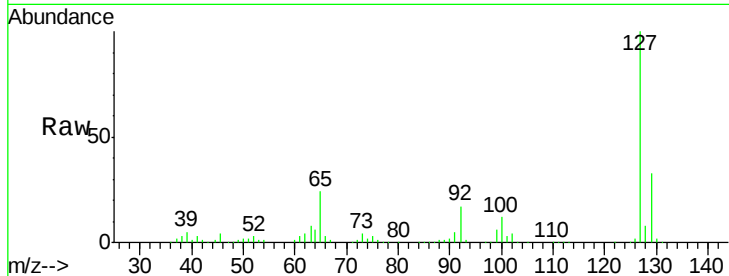
#33  
4-Chloroaniline  
Concen: 38.39 ng  
RT: 8.07 min Scan# 567  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.5 | 26.3  | 39.5 |       |       |
| 65      | 23.9 | 24.7  | 37.1 |       |       |
| 92      | 17.1 | 15.4  | 23.0 |       |       |

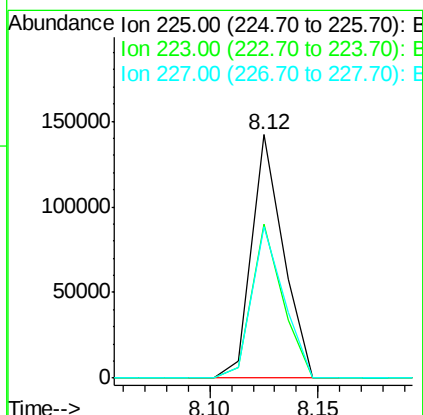
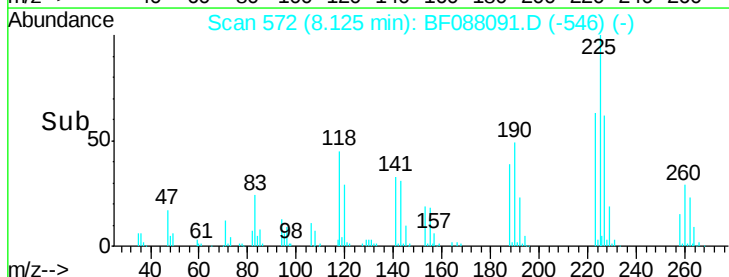
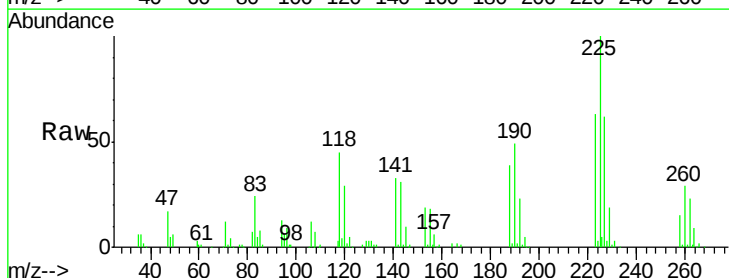
Manual Integrations  
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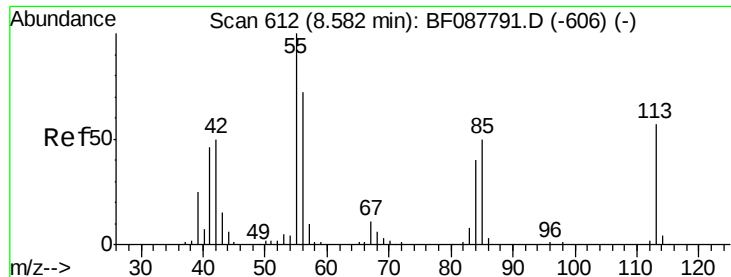
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#34  
Hexachlorobutadiene  
Concen: 34.50 ng  
RT: 8.12 min Scan# 572  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.3 | 50.9  | 76.3 |       |       |
| 227     | 62.3 | 51.9  | 77.9 |       |       |





#35

Caprolactam

Concen: 36.86 ng

RT: 8.46 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

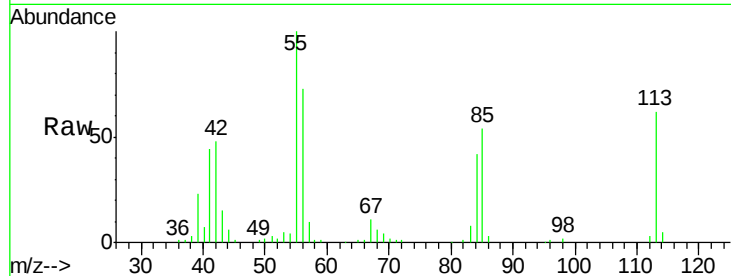
ClientSampleId :

SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 113   | Resp: | 88768 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 161.7 | 158.6 | 198.6 |
| 56        | 117.4 | 110.6 | 150.6 |

Manual Integrations  
APPROVED

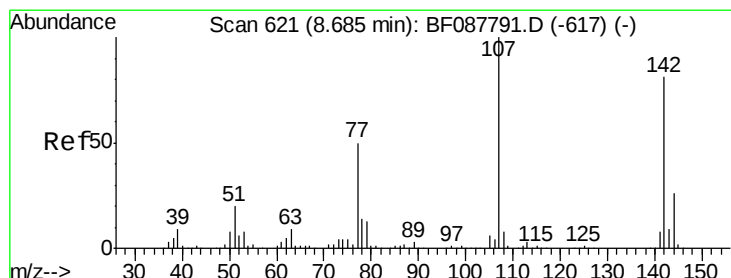
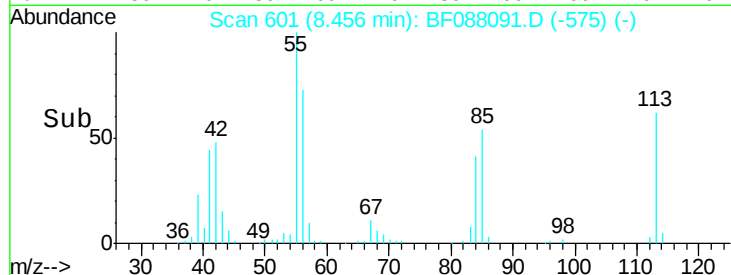
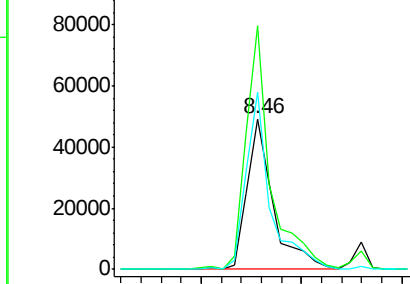
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.36 ng

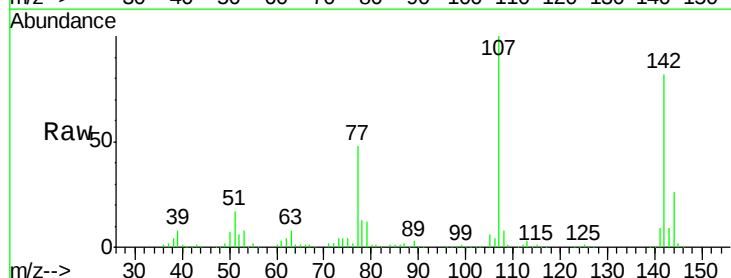
RT: 8.56 min Scan# 610

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

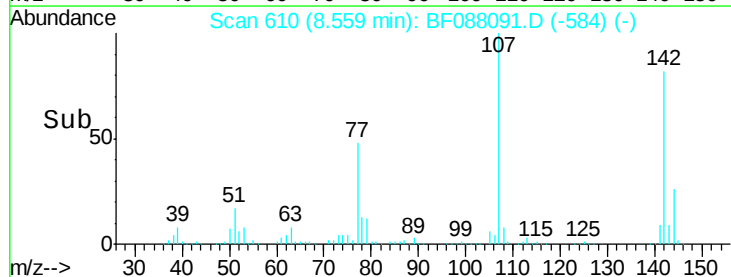
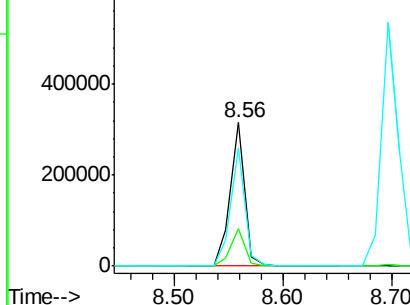
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 290491 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 26.5  | 20.8  | 31.2   |
| 142       | 82.3  | 63.4  | 95.2   |

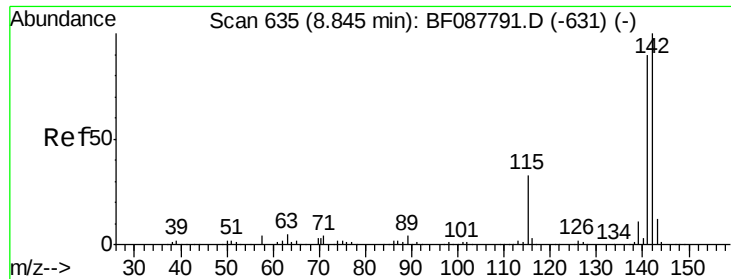


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





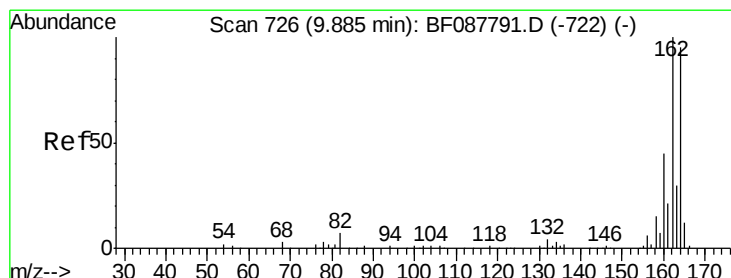
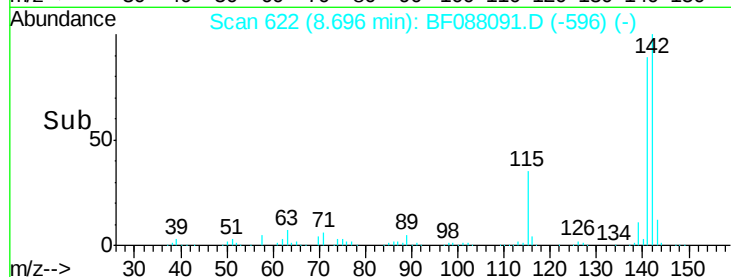
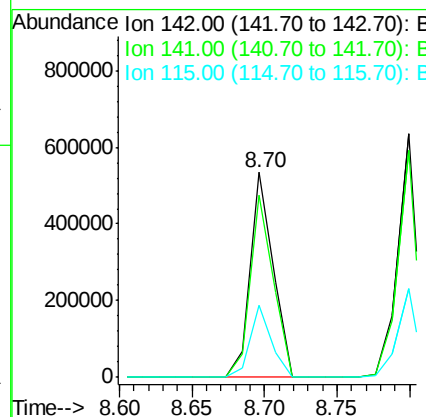
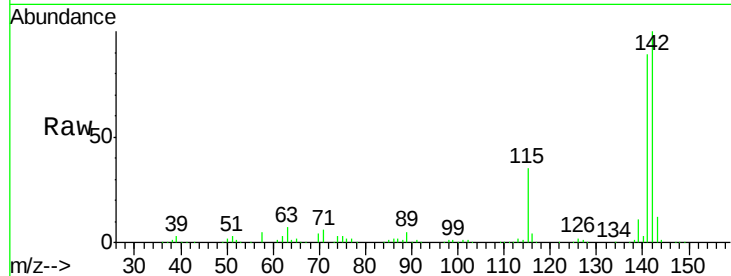
#37  
2-Methylnaphthalene  
Concen: 33.75 ng  
RT: 8.70 min Scan# 622  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.8  | 71.0  | 106.6 |
| 115     | 35.0  | 22.6  | 33.8  |

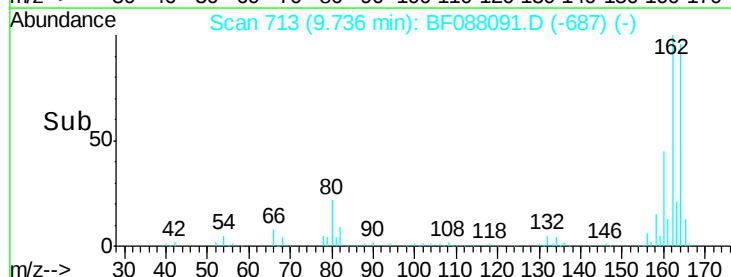
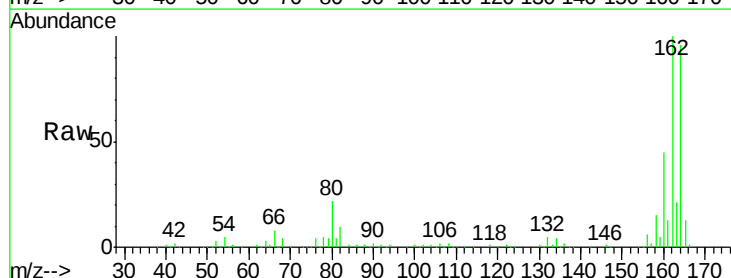
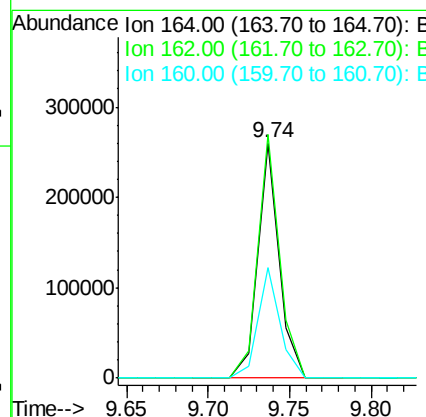
Manual Integrations  
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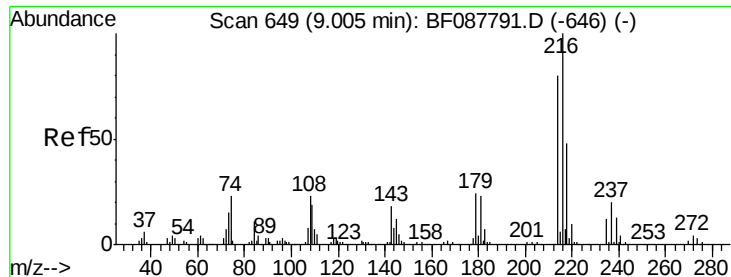
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.74 min Scan# 713  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.7 | 85.4  | 128.2 |
| 160     | 47.1  | 39.5  | 59.3  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.84 ng

RT: 8.87 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

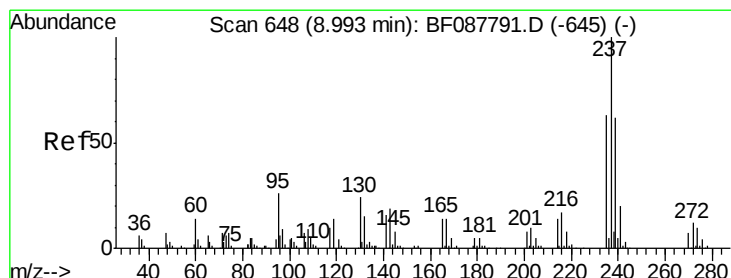
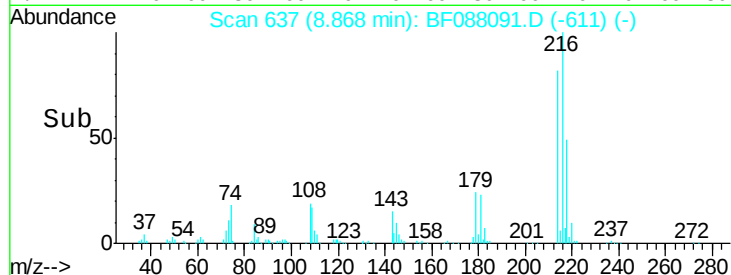
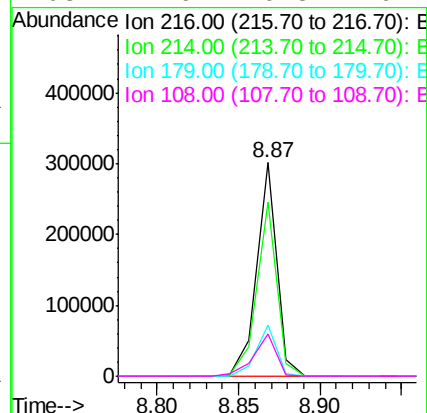
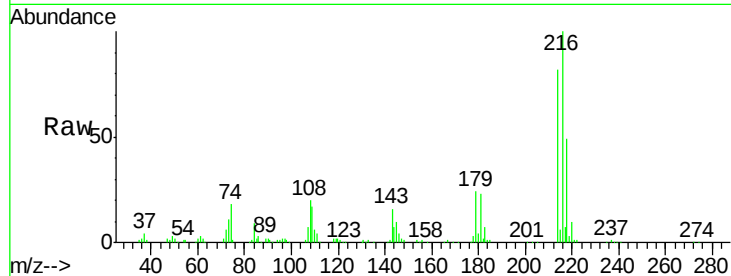
ClientSampleId :

SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 81.1  | 2.9        | 4.3#  |
| 179     | 23.9  | 0.0        | 0.0#  |
| 108     | 21.9  | 0.5        | 0.7#  |

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#40

Hexachlorocyclopentadiene

Concen: 24.66 ng

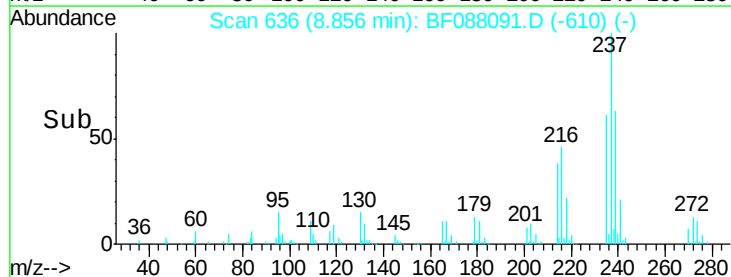
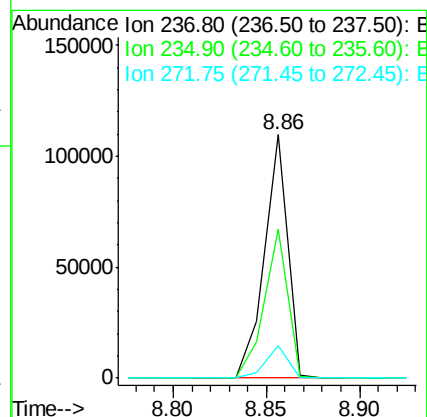
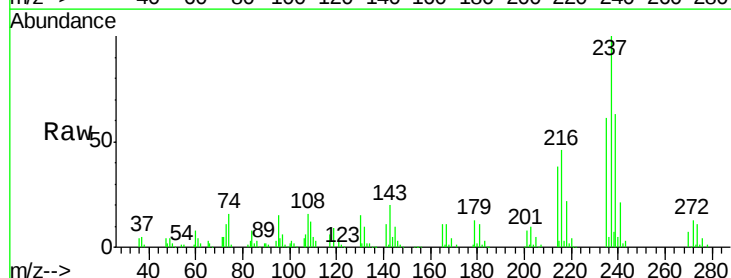
RT: 8.86 min Scan# 636

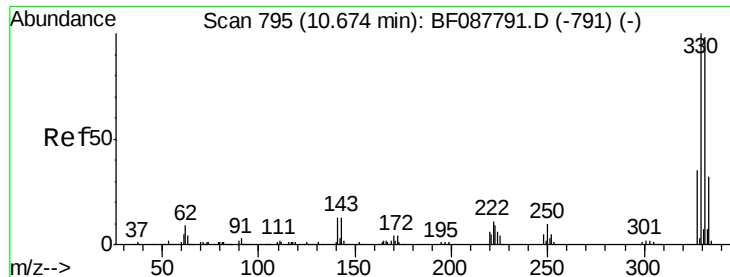
Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 60.9  | 43.4       | 83.4  |
| 272     | 13.3  | 0.0        | 32.3  |





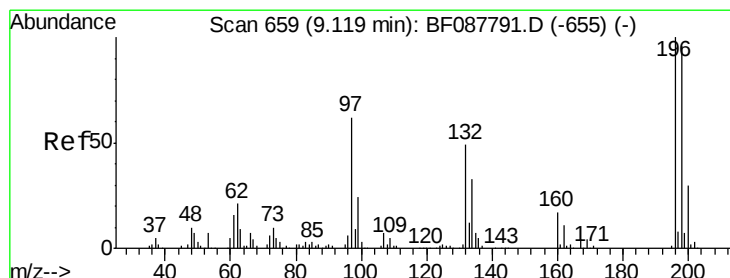
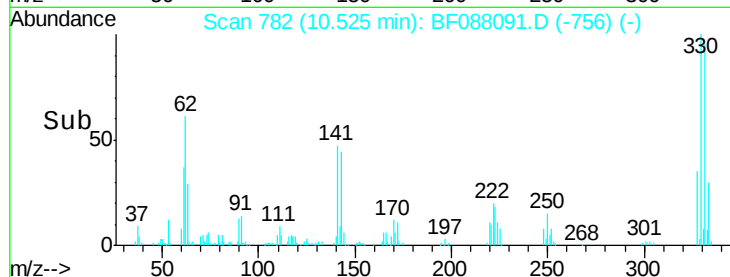
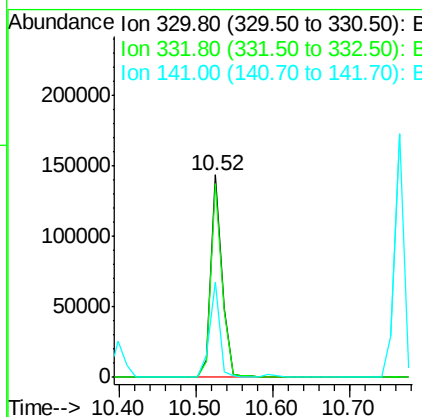
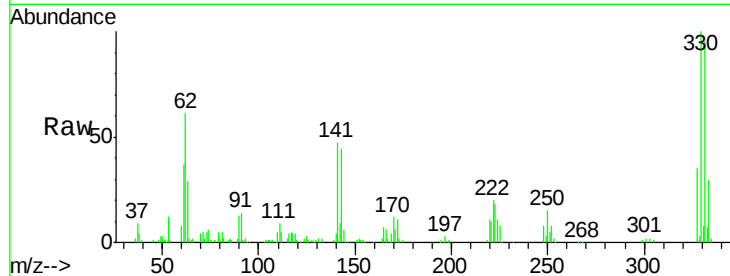
#41  
 2,4,6-Tribromophenol  
 Concen: 58.37 ng  
 RT: 10.52 min Scan# 782  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 95.5  | 0.0        | 0.0#  |
| 141     | 41.9  | 0.0        | 0.0#  |

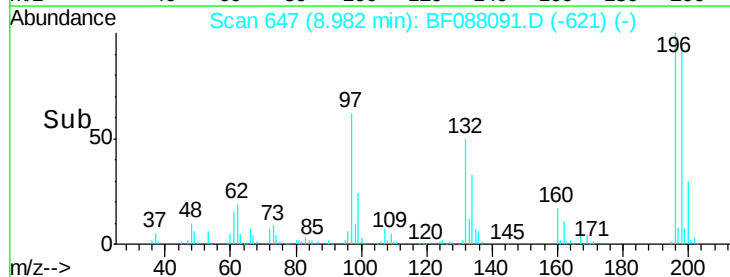
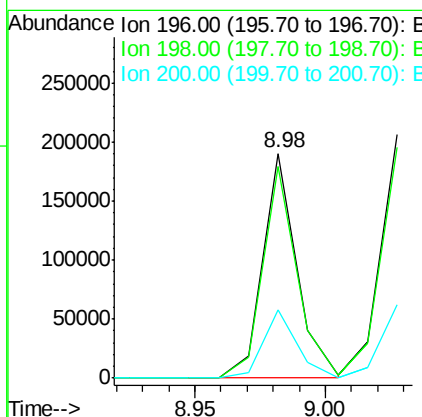
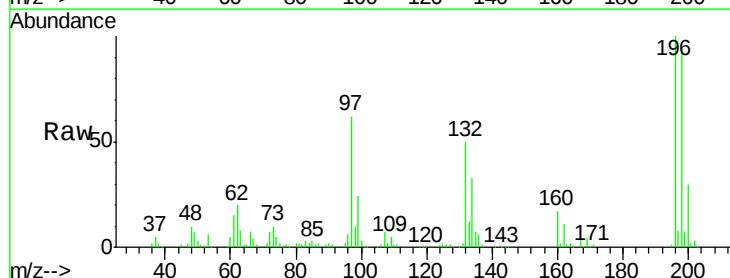
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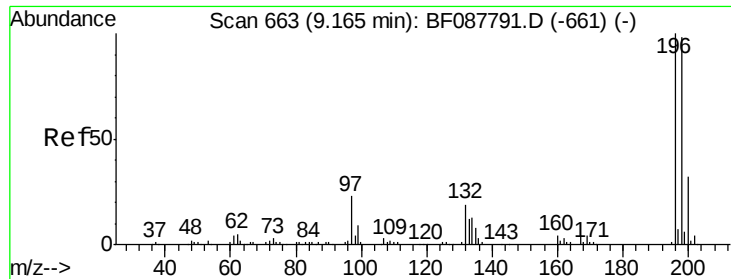
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#42  
 2,4,6-Trichlorophenol  
 Concen: 36.65 ng  
 RT: 8.98 min Scan# 647  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 196     | 100   |            |       |
| 198     | 94.4  | 78.0       | 117.0 |
| 200     | 30.4  | 25.4       | 38.2  |





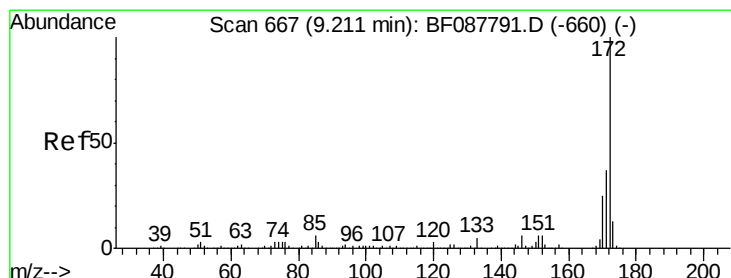
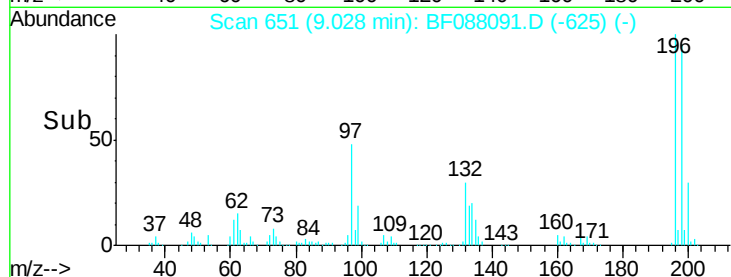
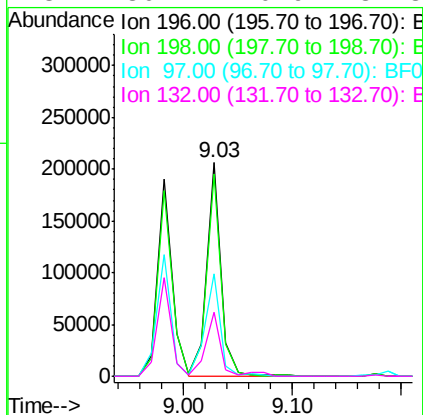
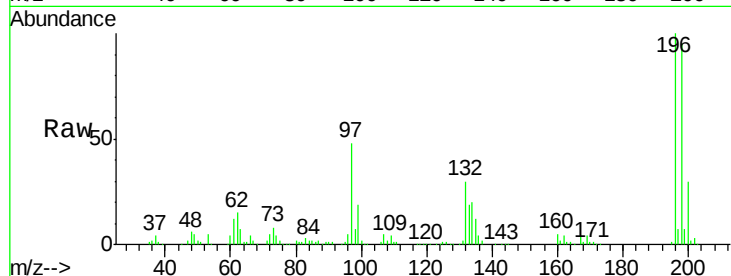
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.28 ng  
 RT: 9.03 min Scan# 651  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 196     | 100  |       | 188378 |       |       |
| 198     | 94.8 | 77.5  | 116.3  |       |       |
| 97      | 47.8 | 32.0  | 48.0   |       |       |
| 132     | 30.1 | 20.9  | 31.3   |       |       |

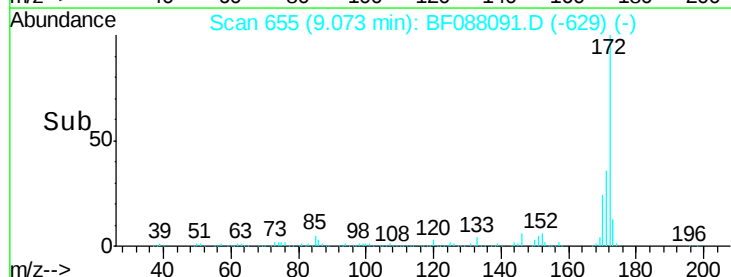
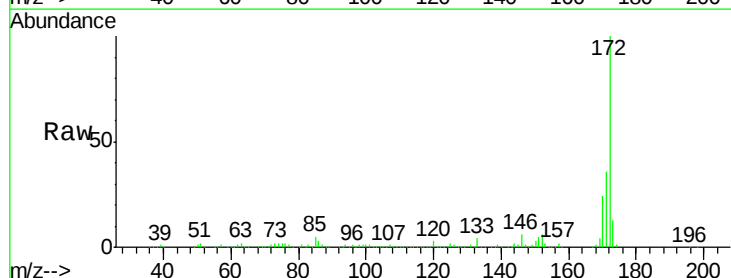
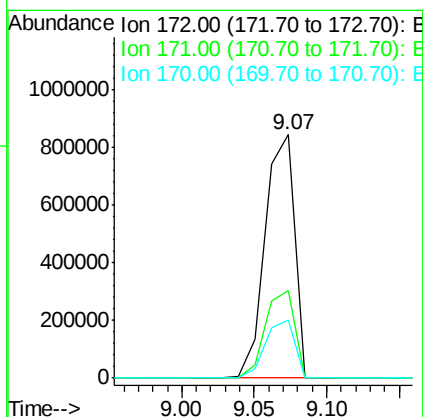
Manual Integrations  
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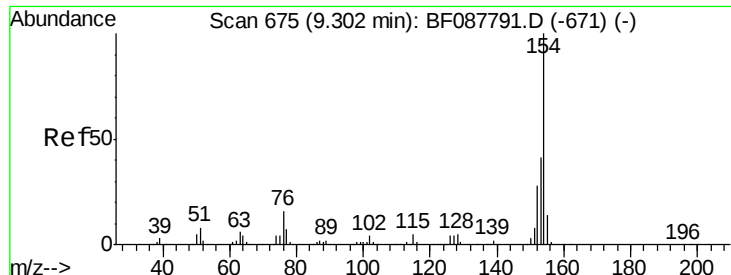
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#44  
 2-Fluorobiphenyl  
 Concen: 78.19 ng  
 RT: 9.07 min Scan# 655  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 172     | 100  |       | 1184023 |       |       |
| 171     | 36.1 | 28.6  | 43.0    |       |       |
| 170     | 24.1 | 19.2  | 28.8    |       |       |





#45

1,1'-Biphenyl

Concen: 36.39 ng

RT: 9.16 min Scan# 663

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

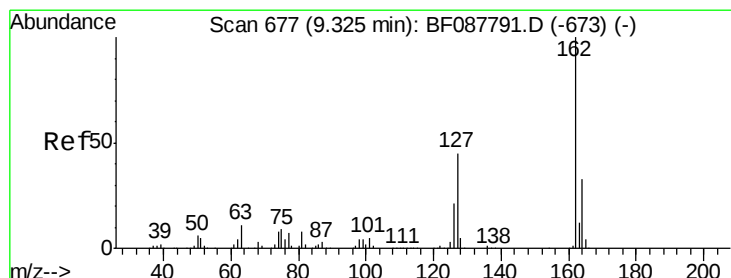
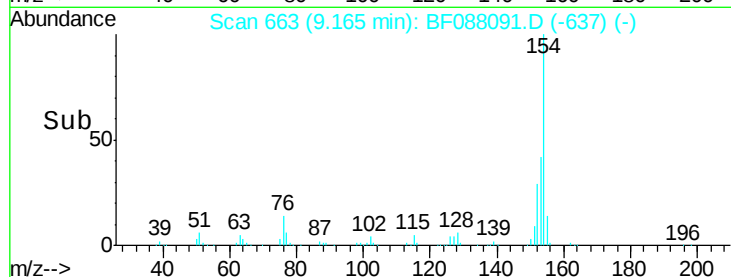
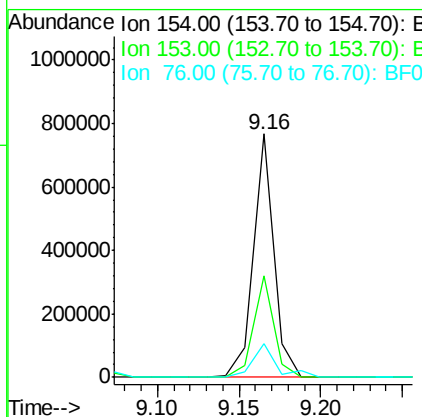
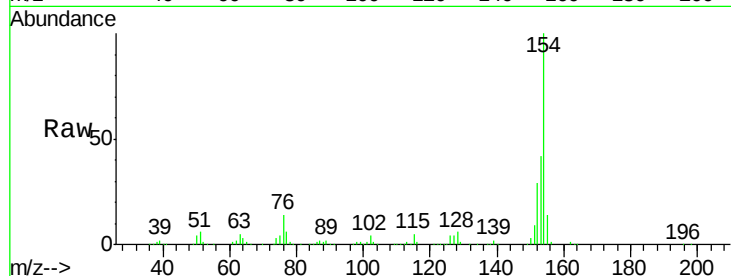
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 667146 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 41.5  | 20.6  | 60.6   |
| 76        | 13.9  | 0.0   | 35.1   |

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#46

2-Chloronaphthalene

Concen: 35.50 ng

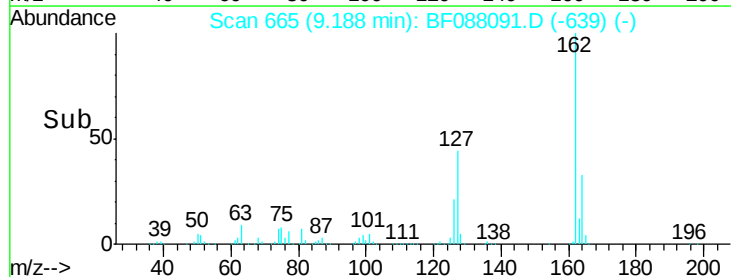
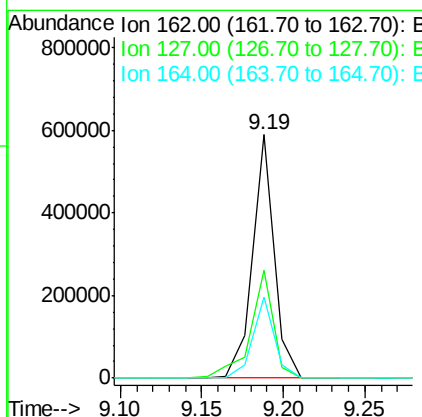
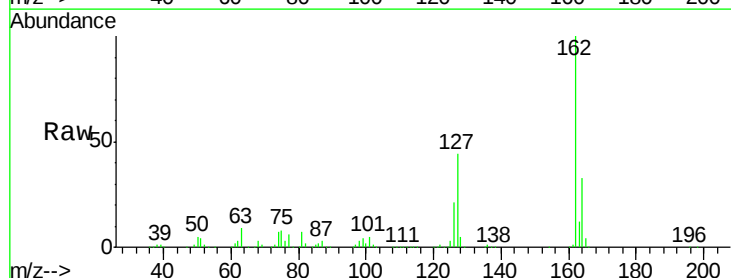
RT: 9.19 min Scan# 665

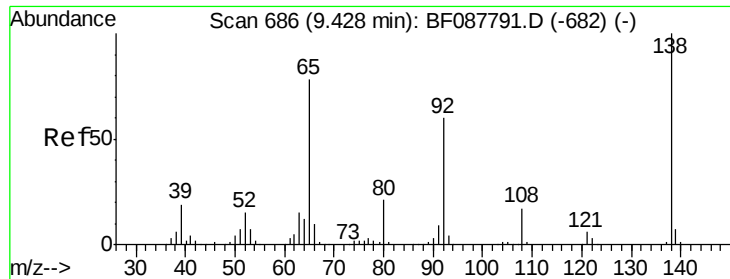
Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 543374 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 44.3  | 35.2  | 52.8   |
| 164       | 33.2  | 26.6  | 39.8   |





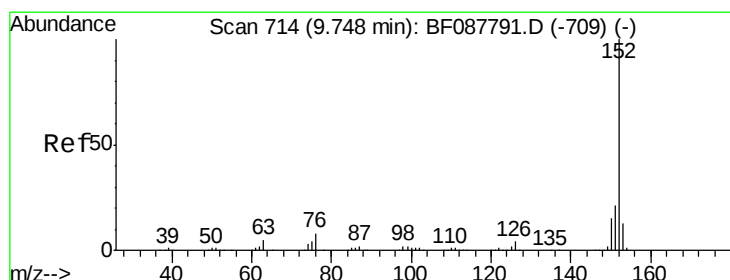
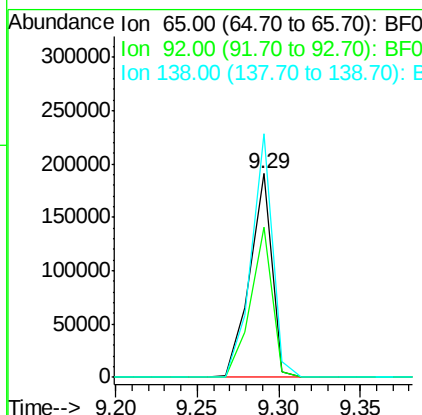
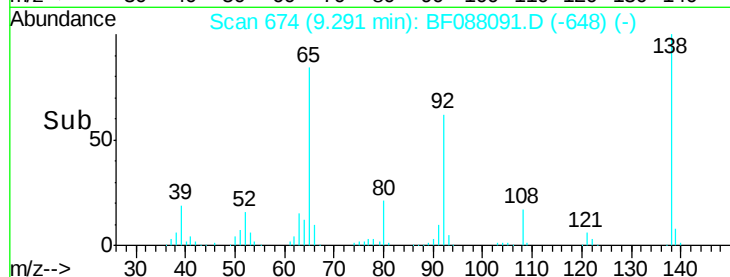
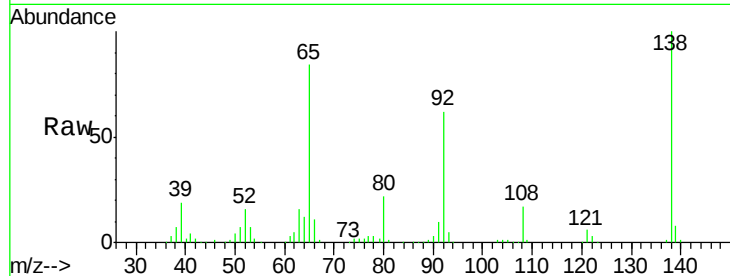
#47  
2-Nitroaniline  
Concen: 39.98 ng  
RT: 9.29 min Scan# 674  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 73.9  | 54.6  | 82.0  |
| 138     | 119.6 | 77.0  | 115.4 |

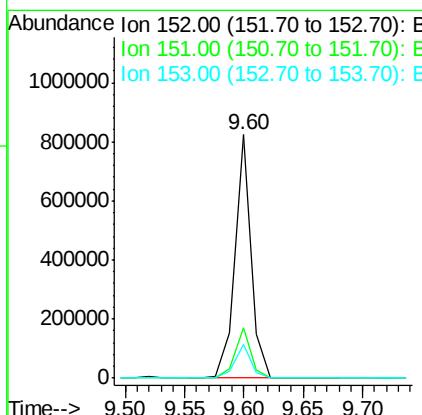
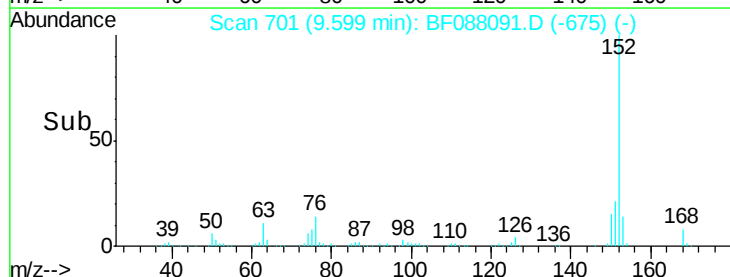
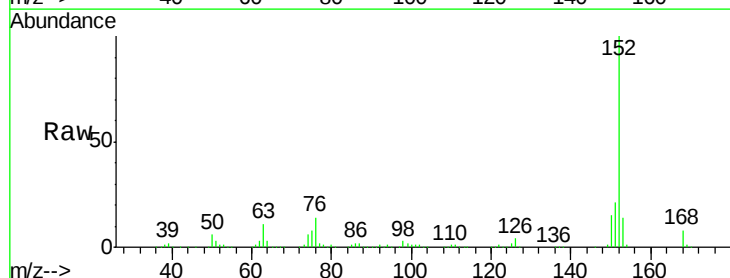
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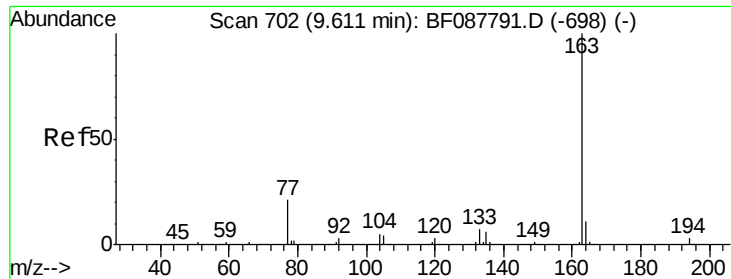
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#48  
Acenaphthylene  
Concen: 31.84 ng  
RT: 9.60 min Scan# 701  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.7  | 16.2  | 24.4  |
| 153     | 13.7  | 11.0  | 16.6  |





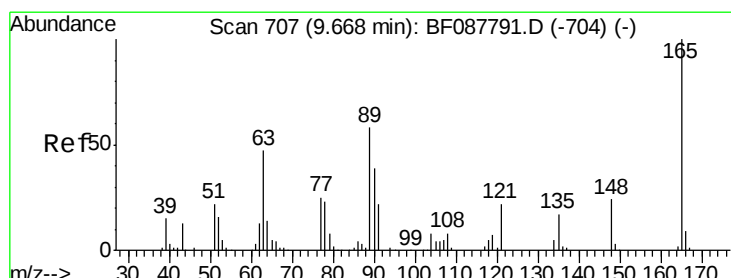
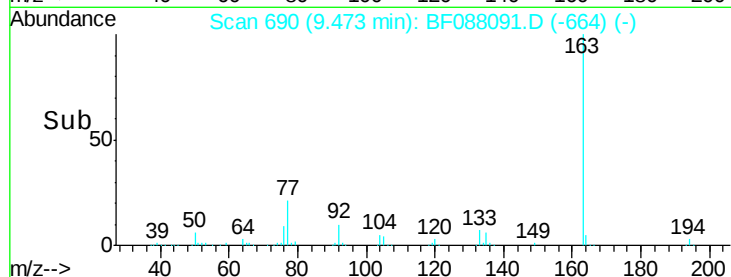
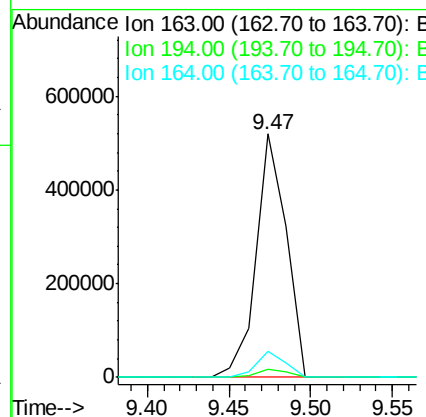
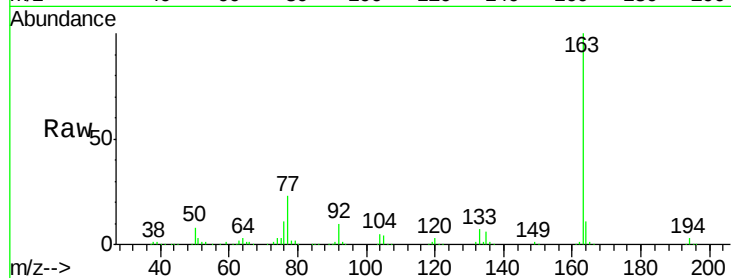
#49  
Dimethylphthalate  
Concen: 38.63 ng  
RT: 9.47 min Scan# 690  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 661949 |       |       |
| 194     | 3.2   |        | 2.8   | 4.2   |
| 164     | 10.9  |        | 8.3   | 12.5  |

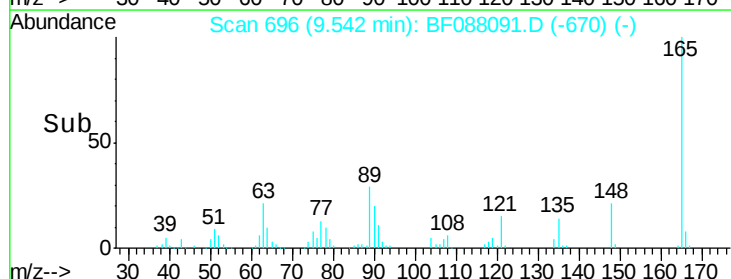
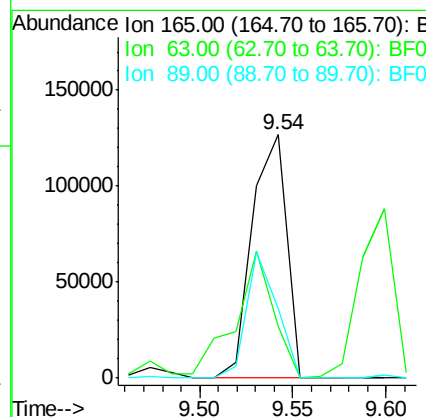
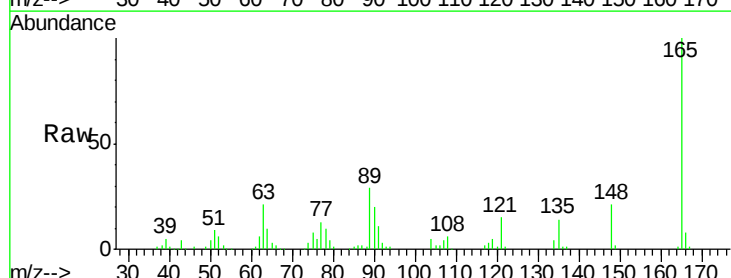
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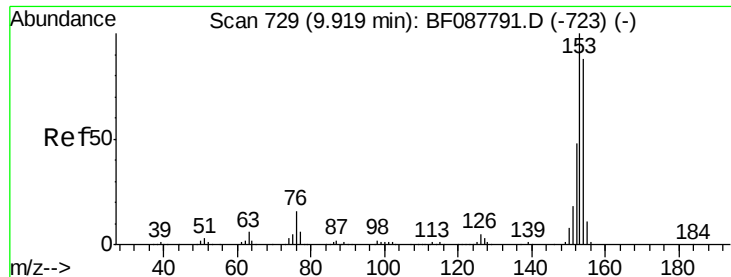
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#50  
2,6-Dinitrotoluene  
Concen: 41.19 ng  
RT: 9.54 min Scan# 696  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 161645 |       |       |
| 63      | 21.5  |        | 28.1  | 42.1# |
| 89      | 28.8  |        | 32.2  | 48.2# |





#51

Acenaphthene

Concen: 31.26 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

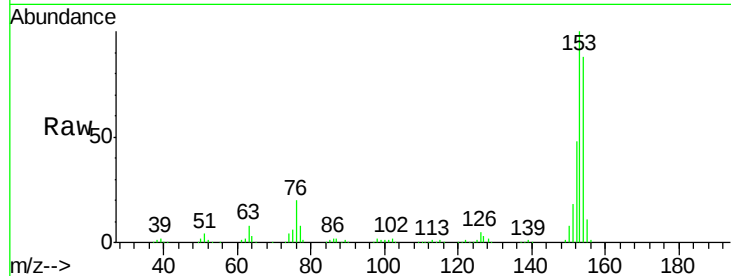
ClientSampleId :

SSTDCCC040

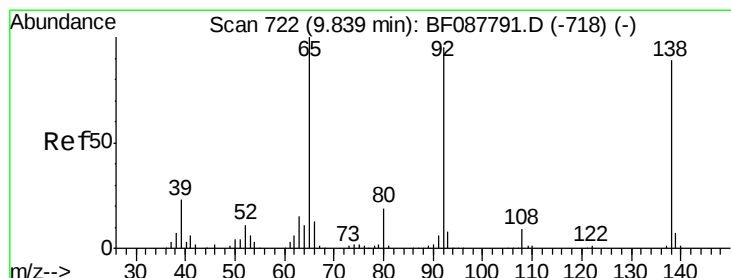
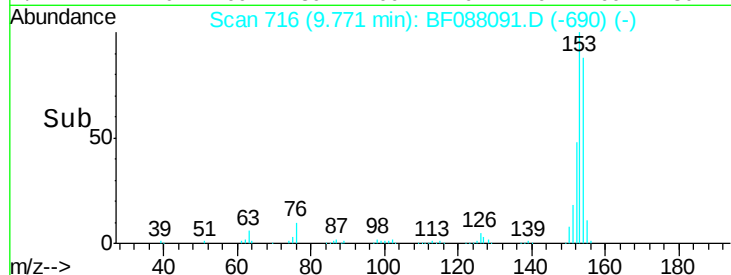
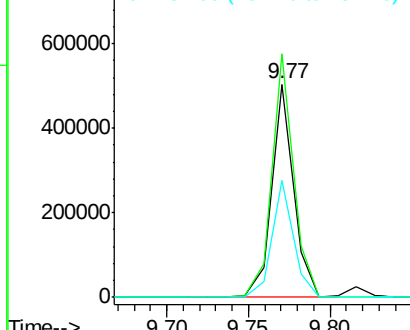
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 474732 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.1 | 89.5  | 134.3  |
| 152       | 55.1  | 42.7  | 64.1   |

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



#52

3-Nitroaniline

Concen: 34.80 ng

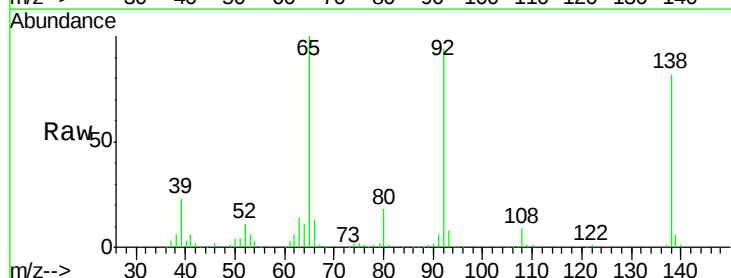
RT: 9.70 min Scan# 710

Delta R.T. 0.00 min

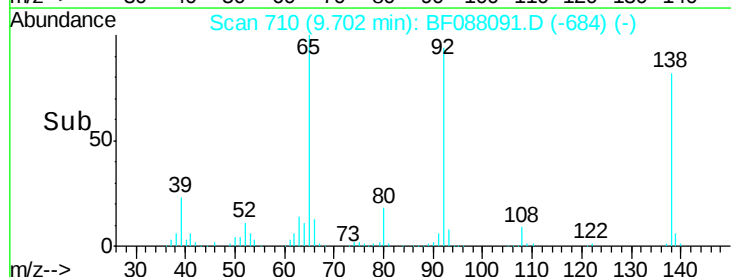
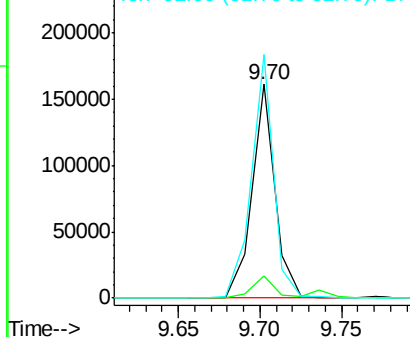
Lab File: BF088091.D

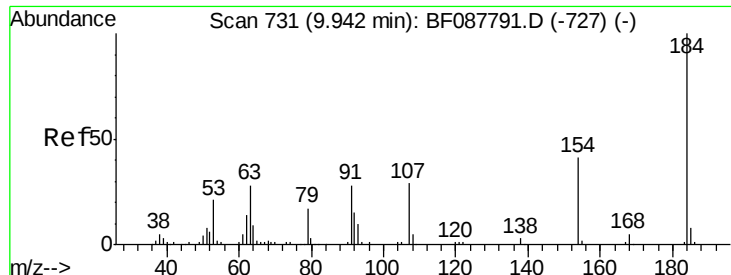
Acq: 17 Jun 2016 13:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 157580 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.4  | 8.5   | 12.7   |
| 92        | 113.9 | 95.7  | 143.5  |



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





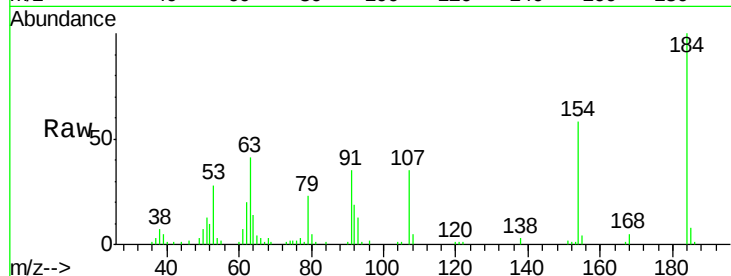
#53  
2,4-Dinitrophenol  
Concen: 25.65 ng  
RT: 9.82 min Scan# 720  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

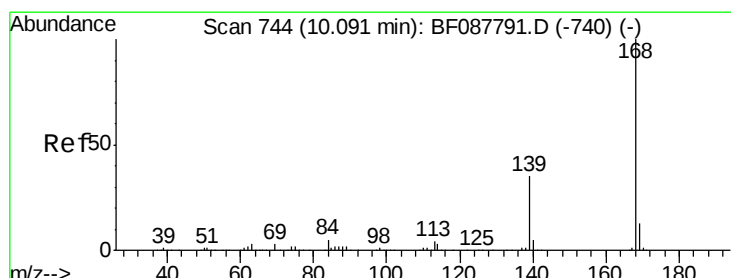
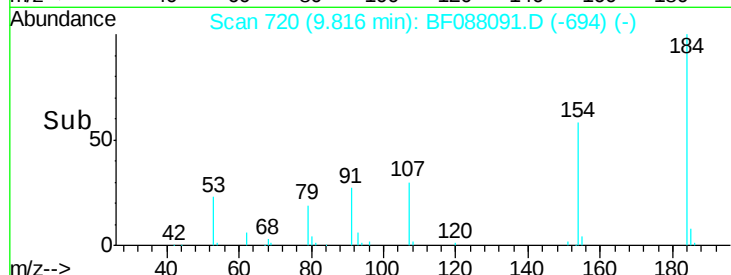
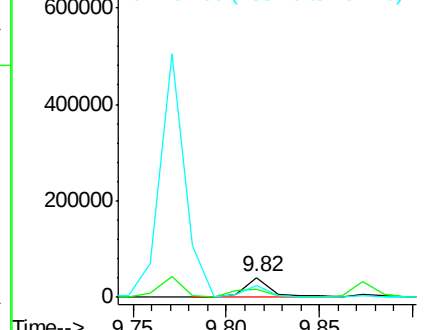
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 42888 |       |       |
| 63      | 40.9  | 57.6  | 86.4# |       |
| 154     | 58.3  | 53.5  | 80.3  |       |

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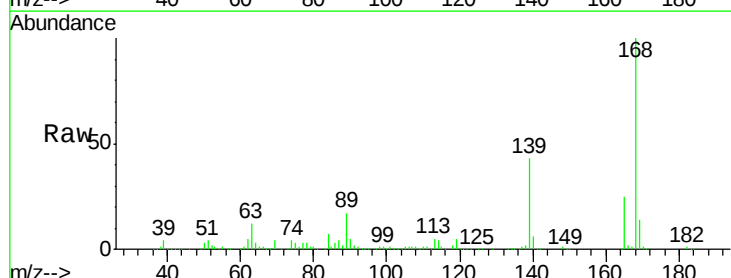


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 154.00 (153.70 to 154.70): E

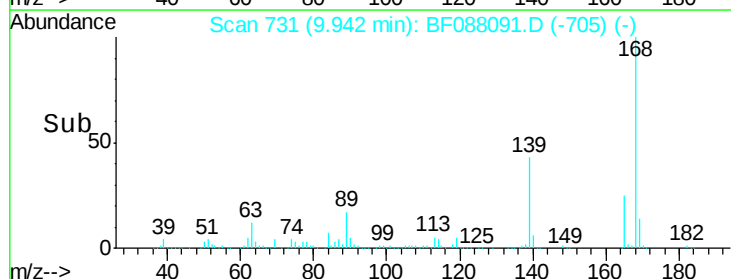
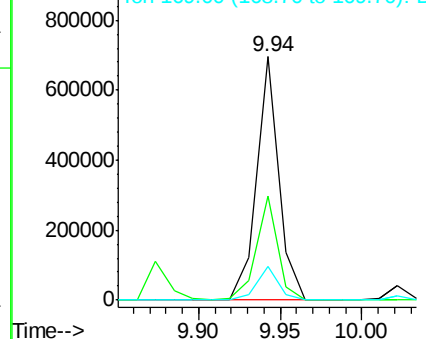


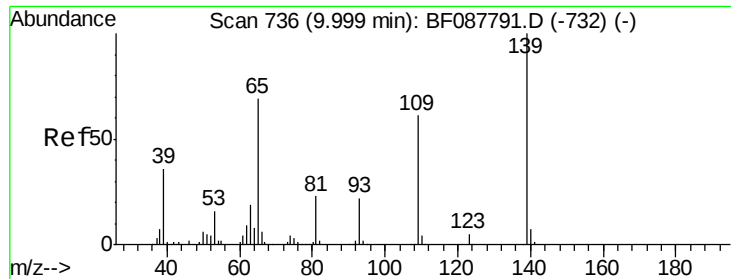
#54  
Dibenzofuran  
Concen: 31.38 ng  
RT: 9.94 min Scan# 731  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 656305 |       |       |
| 139     | 42.6  | 26.4   | 39.6# |       |
| 169     | 13.8  | 10.4   | 15.6  |       |



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





#55

4-Nitrophenol

Concen: 28.67 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

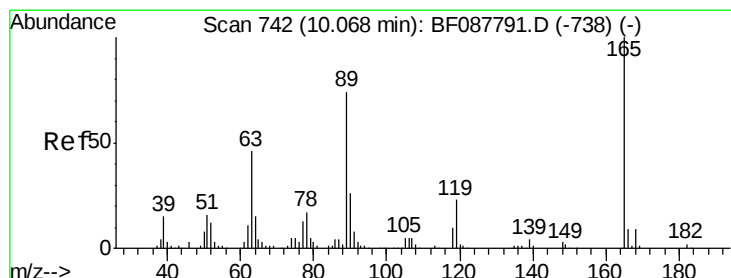
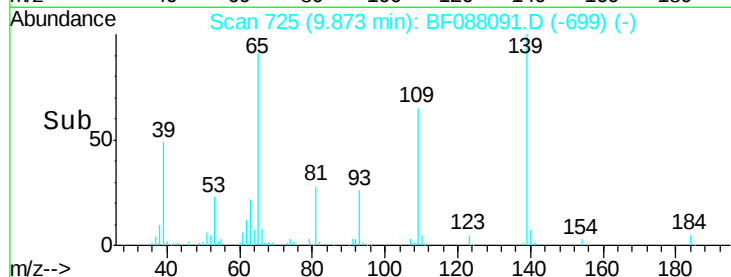
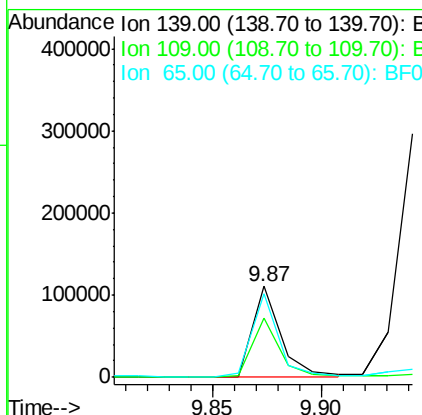
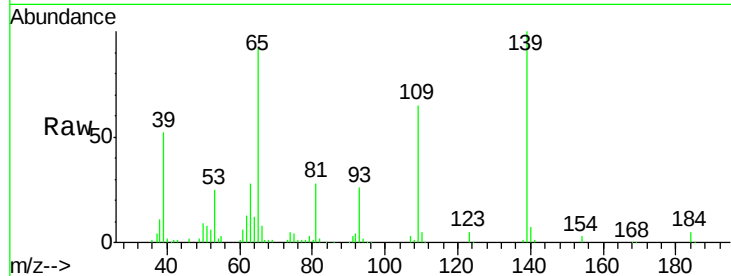
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 139   | Resp: | 100754 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 64.9  | 48.9  | 88.9   |
| 65        | 91.8  | 84.9  | 124.9  |

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#56

2,4-Dinitrotoluene

Concen: 36.85 ng

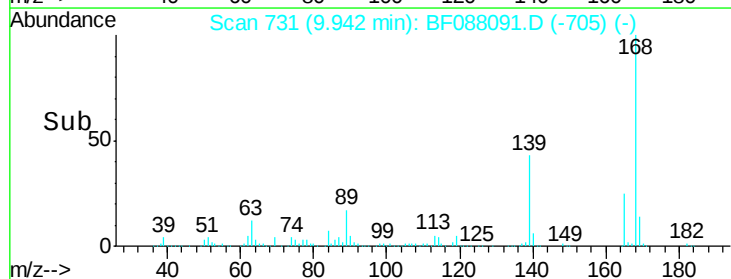
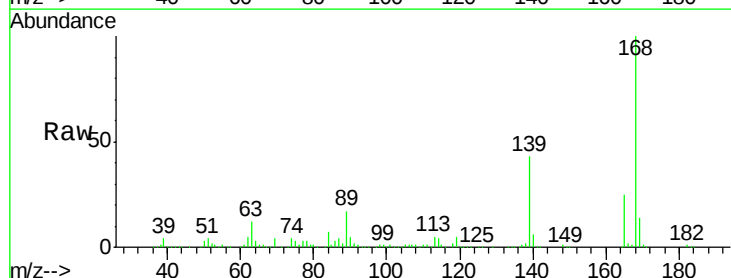
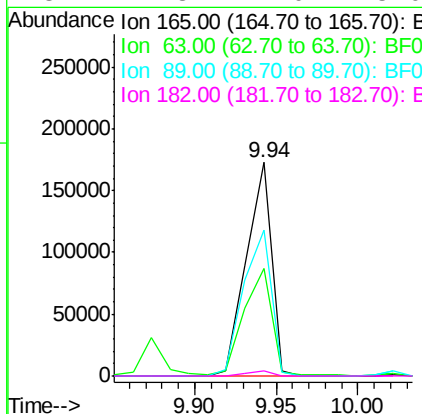
RT: 9.94 min Scan# 731

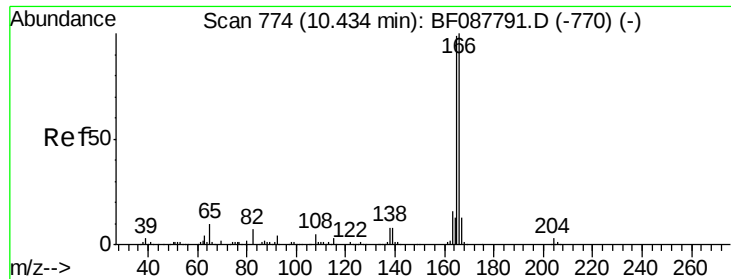
Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 185816 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 50.1  | 22.0  | 33.0#  |
| 89        | 68.1  | 41.1  | 61.7#  |
| 182       | 2.3   | 2.0   | 3.0    |





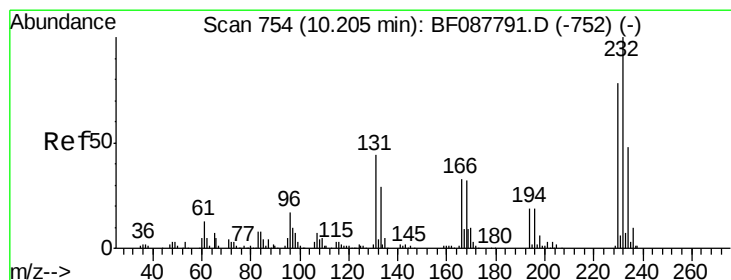
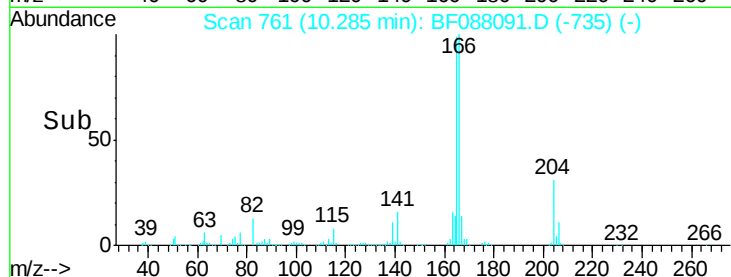
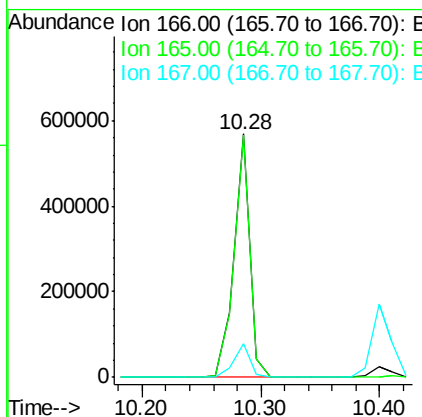
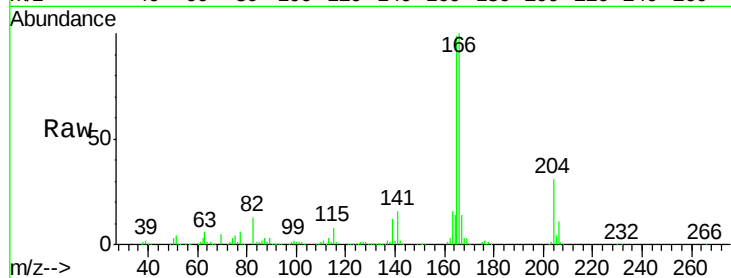
#57  
 Fluorene  
 Concen: 36.34 ng  
 RT: 10.28 min Scan# 761  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 526839 |       |       |
| 165     | 99.3  |        | 77.8  | 116.8 |
| 167     | 13.6  |        | 11.2  | 16.8  |

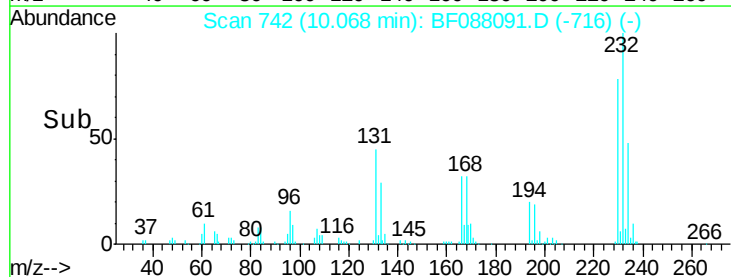
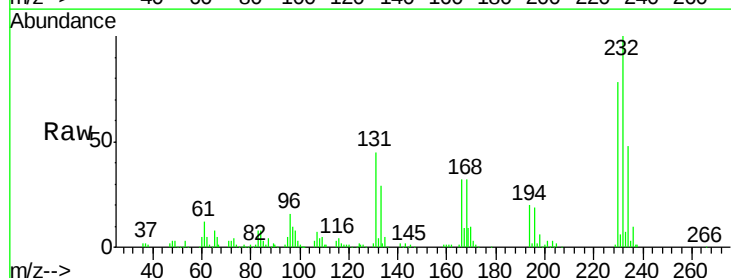
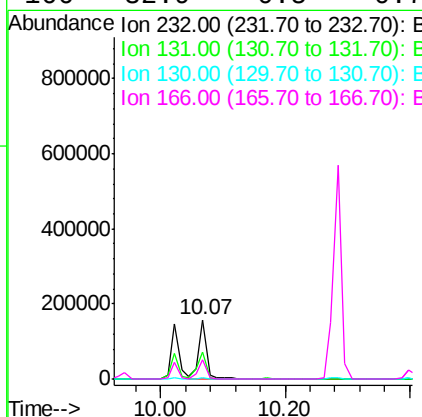
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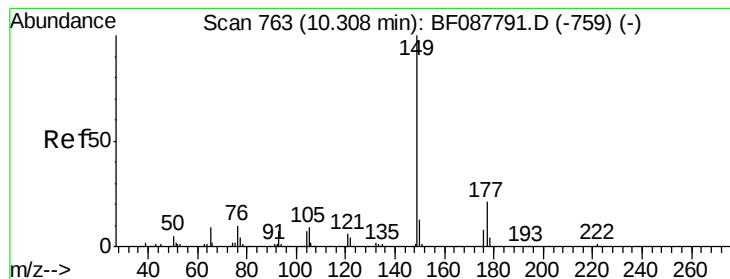
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#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.23 ng  
 RT: 10.07 min Scan# 742  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 147848 |       |       |
| 131     | 49.2  |        | 0.9   | 1.3#  |
| 130     | 2.3   |        | 1.5   | 2.3#  |
| 166     | 32.9  |        | 0.5   | 0.7#  |





#59

Diethylphthalate

Concen: 37.66 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

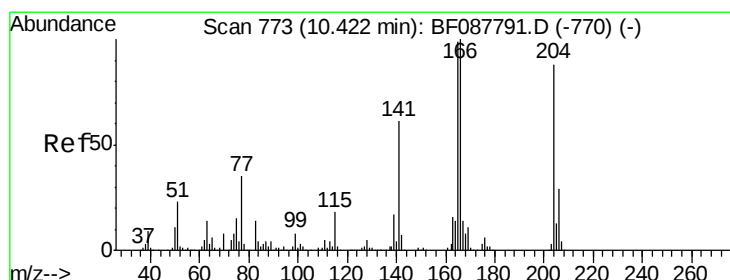
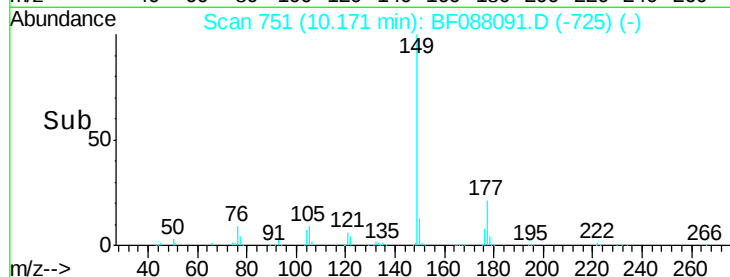
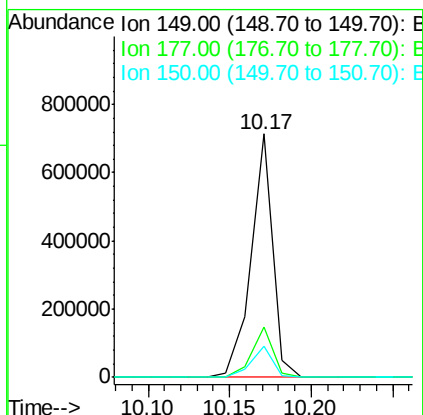
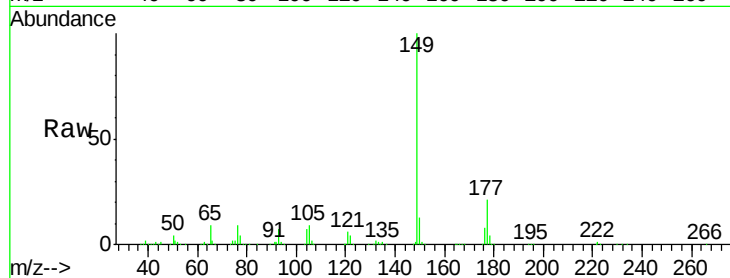
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 653217 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 20.7  | 16.9  | 25.3   |
| 150       | 12.8  | 10.1  | 15.1   |

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#60

4-Chlorophenyl-phenylether

Concen: 34.48 ng

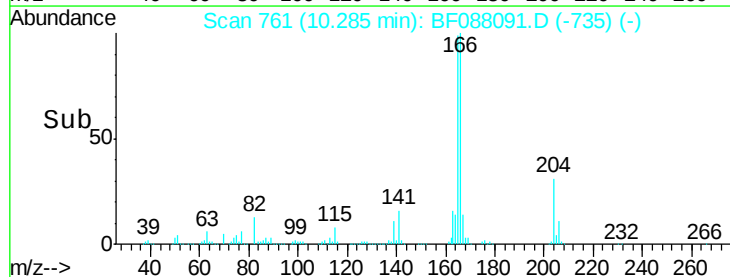
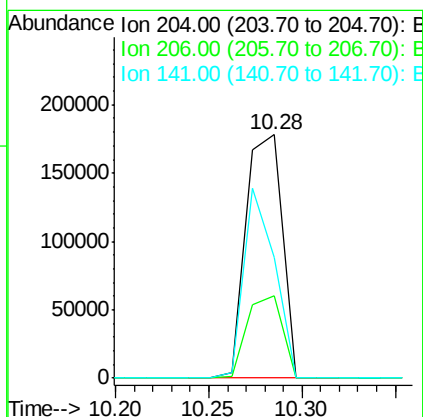
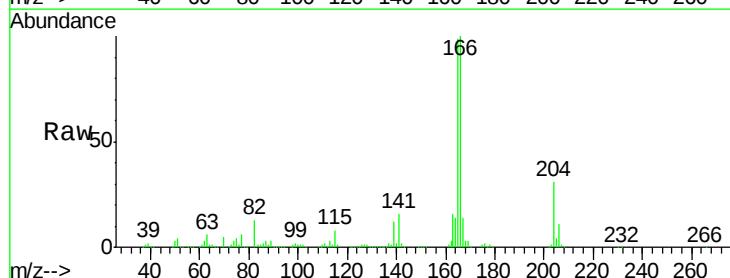
RT: 10.28 min Scan# 761

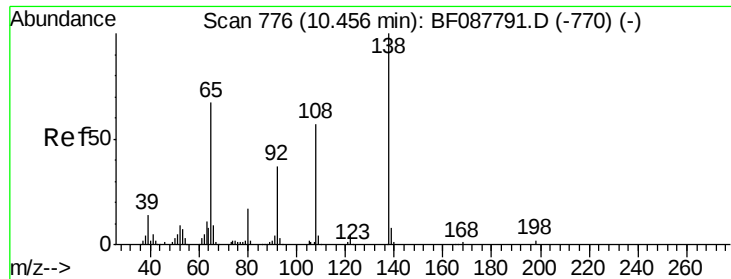
Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 239853 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.6  | 26.3  | 39.5   |
| 141       | 49.7  | 55.0  | 82.6#  |





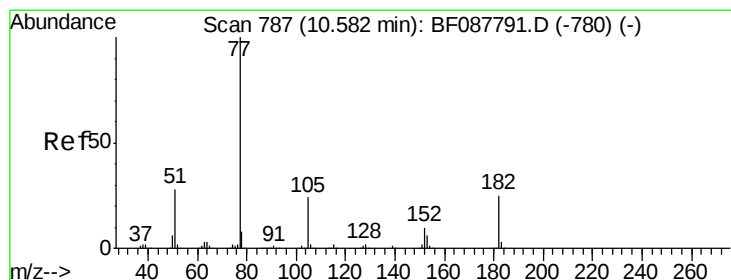
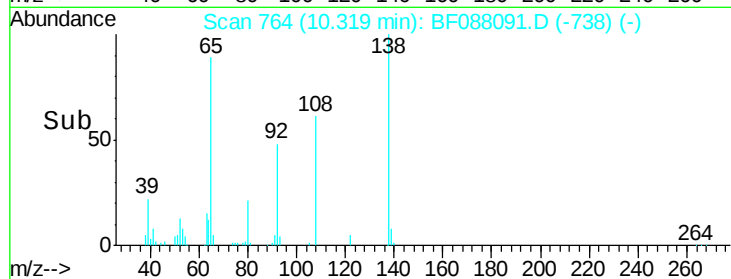
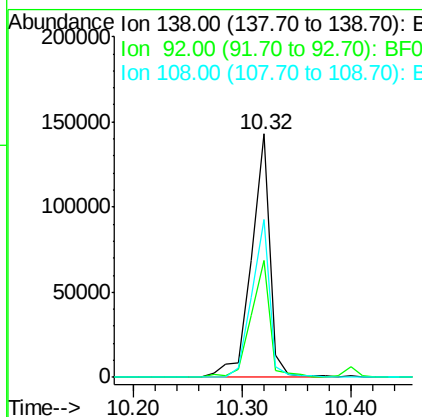
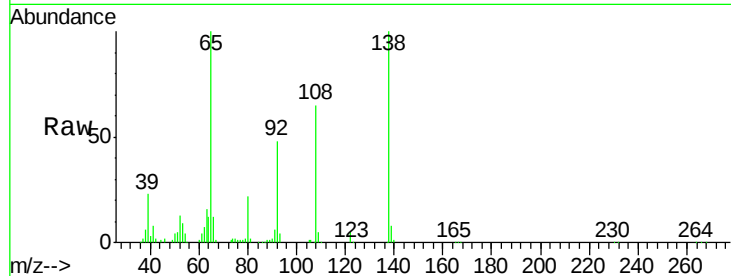
#61  
4-Nitroaniline  
Concen: 39.58 ng  
RT: 10.32 min Scan# 764  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 169988 |       |       |
| 92      | 48.1  | 27.3   | 67.3  |       |
| 108     | 64.8  | 46.7   | 86.7  |       |

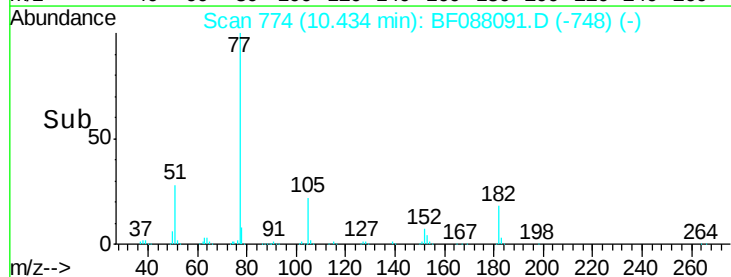
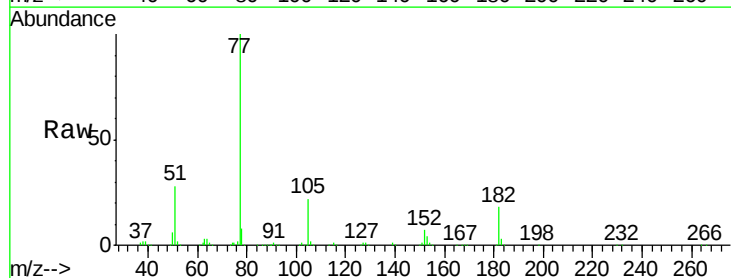
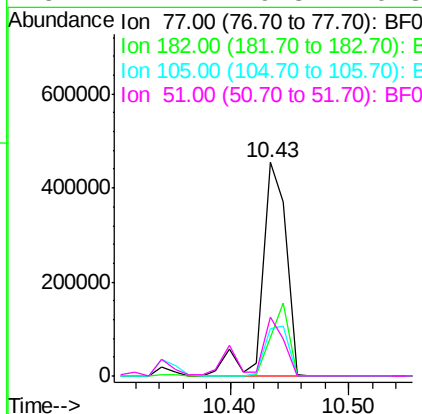
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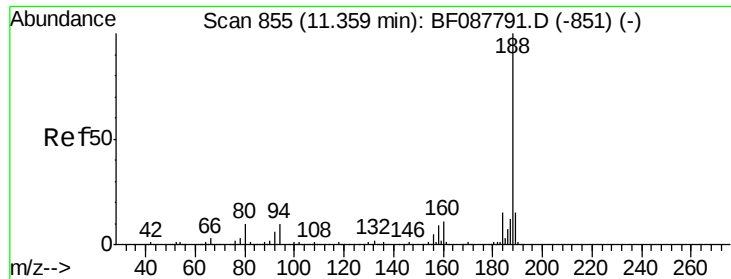
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#62  
Azobenzene  
Concen: 37.35 ng  
RT: 10.43 min Scan# 774  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 640665 |       |       |
| 182     | 17.8  | 4.4    | 44.4  |       |
| 105     | 22.3  | 3.8    | 43.8  |       |
| 51      | 27.7  | 9.3    | 49.3  |       |





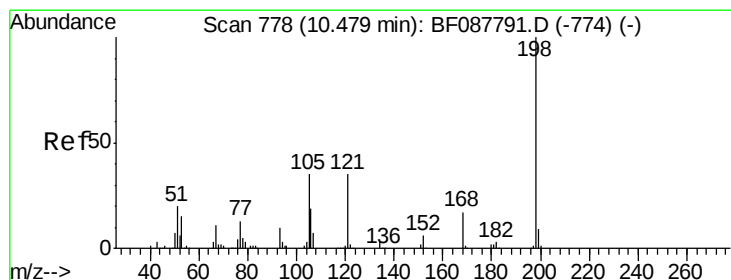
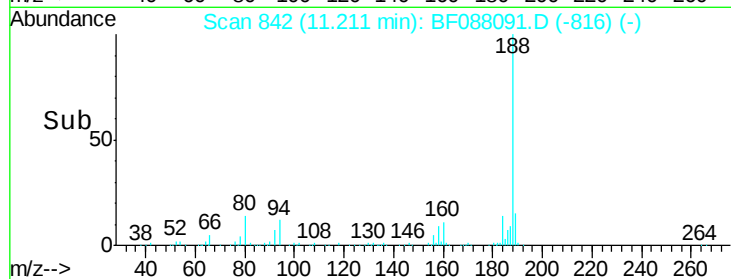
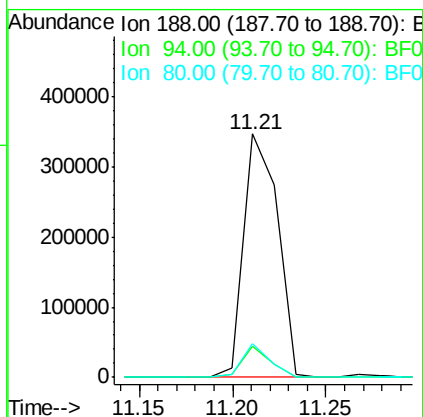
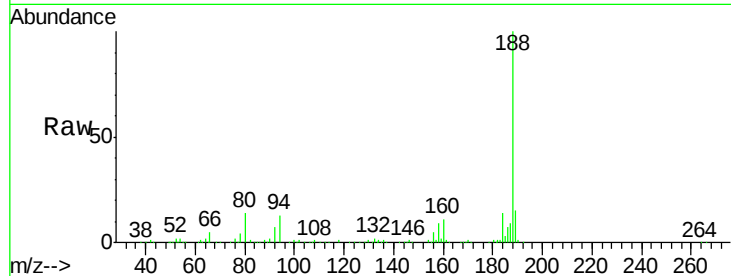
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.21 min Scan# 842  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 438725 |       |       |
| 94      | 12.8  |        | 9.0   | 13.6  |
| 80      | 13.9  |        | 10.0  | 15.0  |

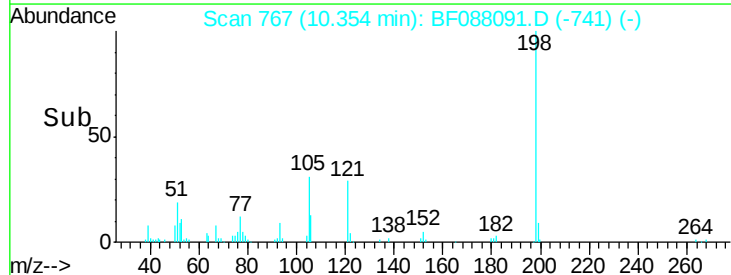
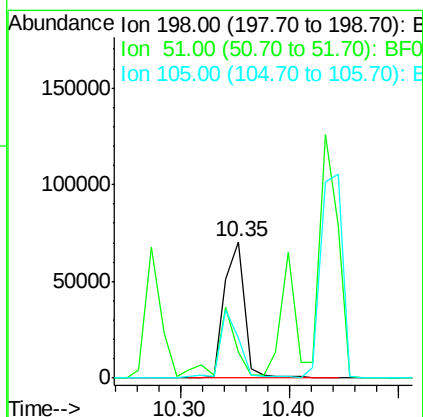
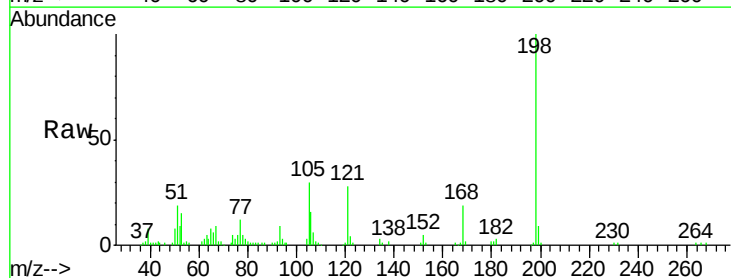
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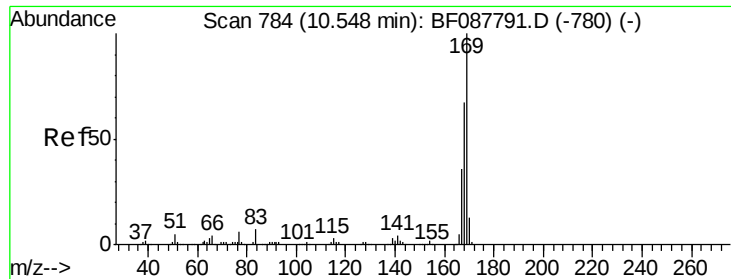
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6/20/2016 6:50:54 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 33.68 ng  
RT: 10.35 min Scan# 767  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 90385 |       |       |
| 51      | 18.8  |       | 39.6  | 79.6# |
| 105     | 29.8  |       | 36.6  | 76.6# |





#65

n-Nitrosodiphenylamine

Concen: 35.31 ng

RT: 10.40 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

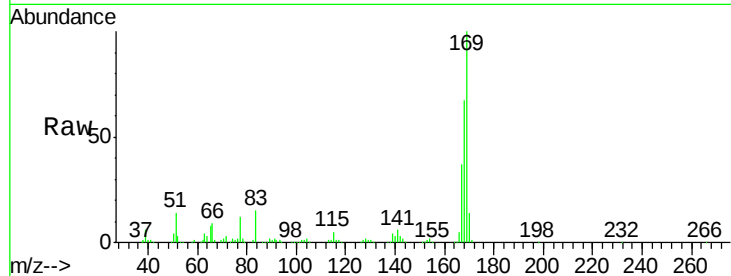
ClientSampleId :

SSTDCCC040

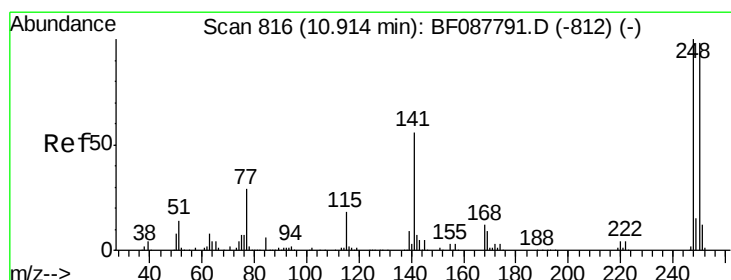
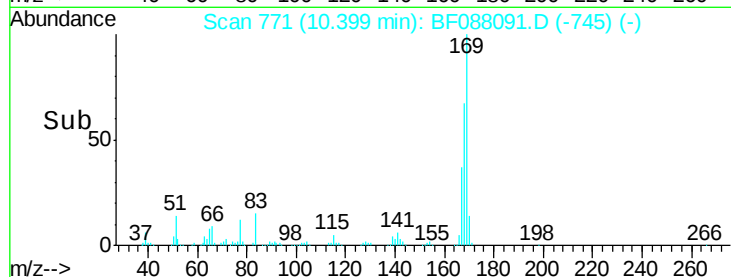
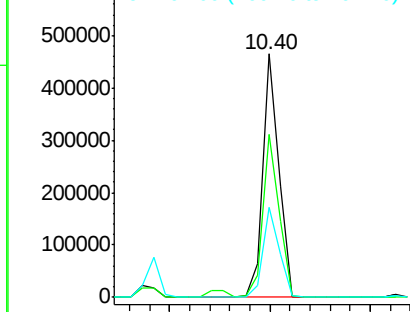
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 514083 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.1  | 53.4  | 80.0   |
| 167       | 37.0  | 29.4  | 44.0   |

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



#66

4-Bromophenyl-phenylether

Concen: 34.49 ng

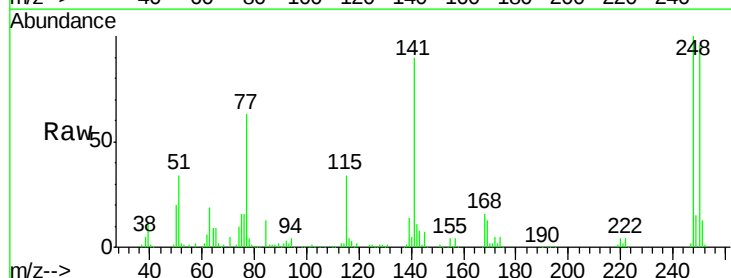
RT: 10.77 min Scan# 803

Delta R.T. 0.00 min

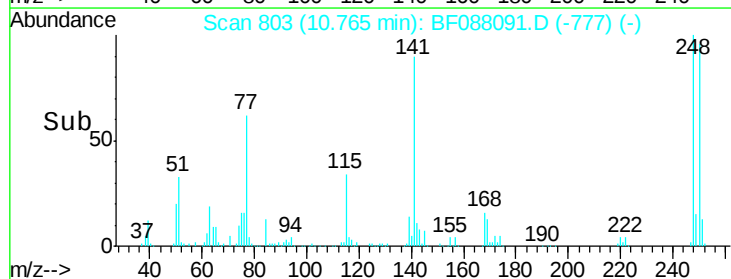
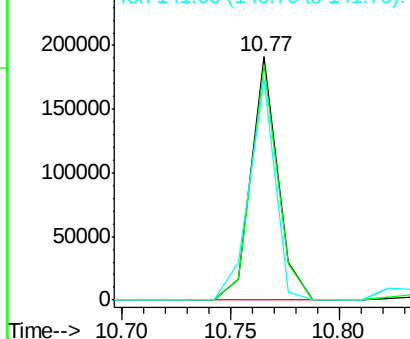
Lab File: BF088091.D

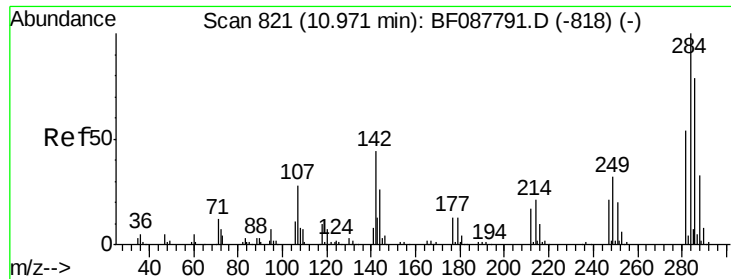
Acq: 17 Jun 2016 13:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 162320 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 96.5  | 77.1  | 115.7  |
| 141       | 90.4  | 50.6  | 76.0   |



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





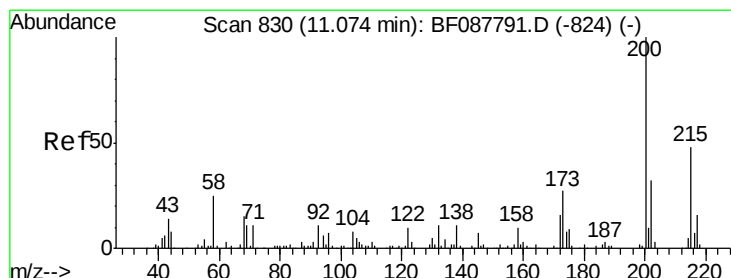
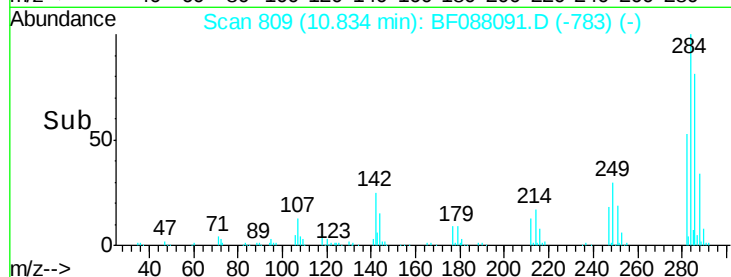
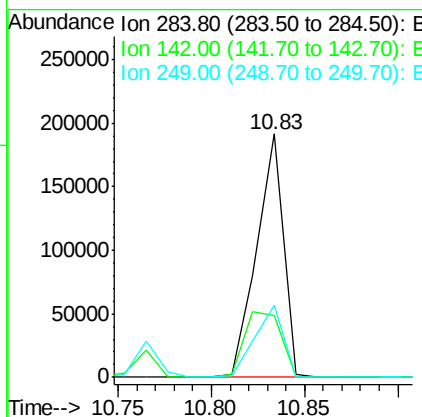
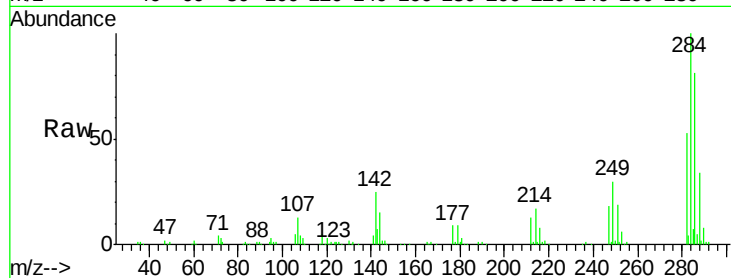
#67  
Hexachlorobenzene  
Concen: 38.77 ng  
RT: 10.83 min Scan# 809  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 189603 |       |       |
| 142     | 25.4  | 35.8   | 53.8# |       |
| 249     | 29.9  | 25.8   | 38.6  |       |

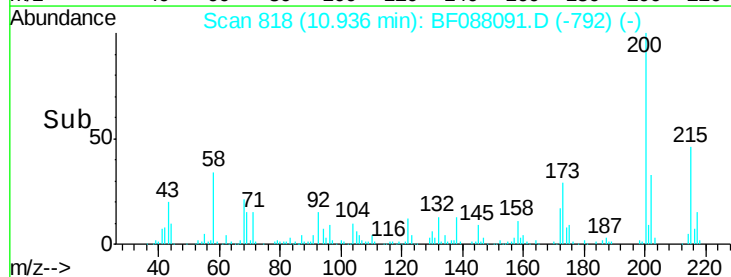
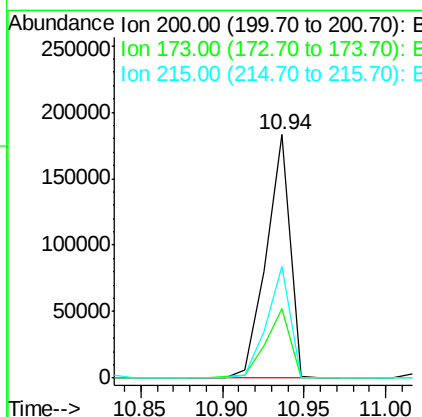
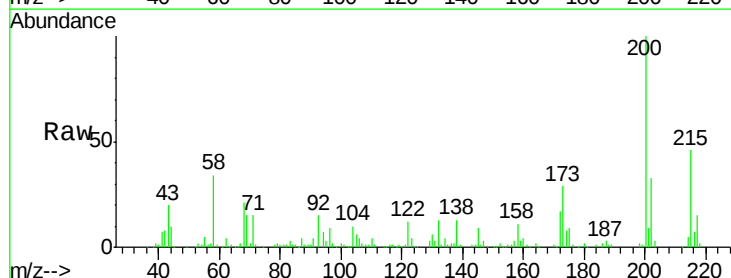
Manual Integrations  
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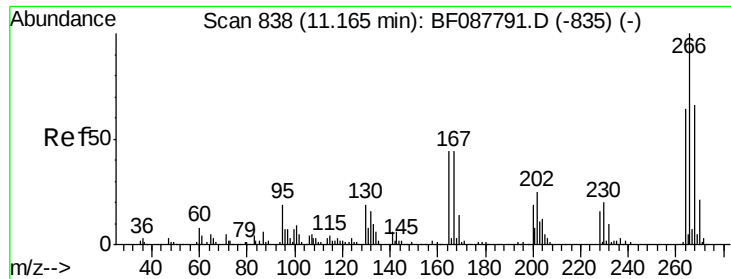
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#68  
Atrazine  
Concen: 42.18 ng  
RT: 10.94 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 185926 |       |       |
| 173     | 28.6  | 4.0    | 44.0  |       |
| 215     | 46.0  | 29.3   | 69.3  |       |





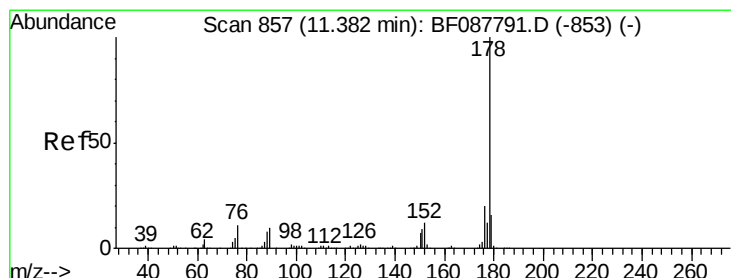
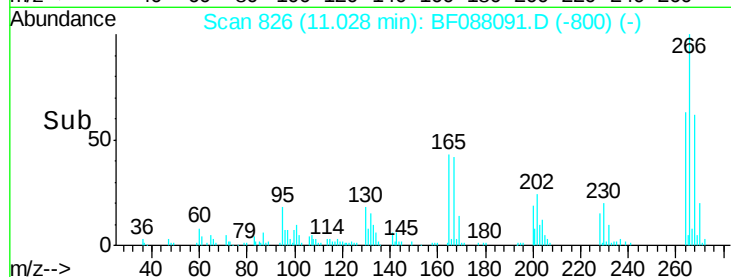
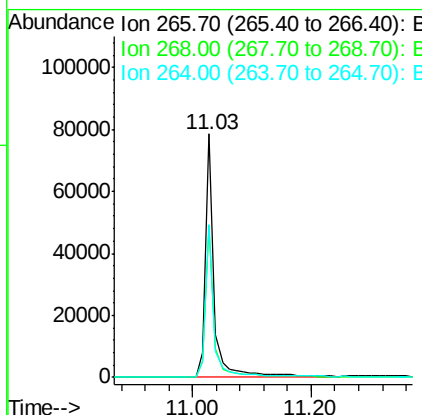
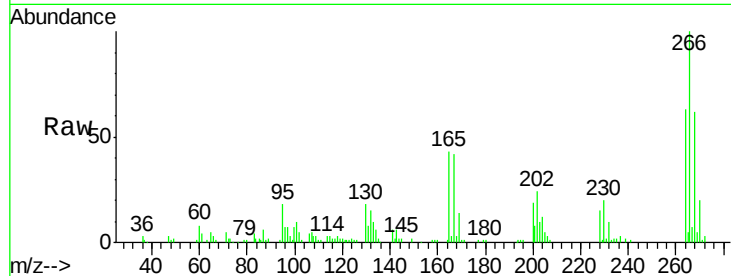
#69  
 Pentachlorophenol  
 Concen: 32.52 ng  
 RT: 11.03 min Scan# 826  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 62.1  | 52.8  | 79.2  |
| 264     | 62.9  | 49.6  | 74.4  |

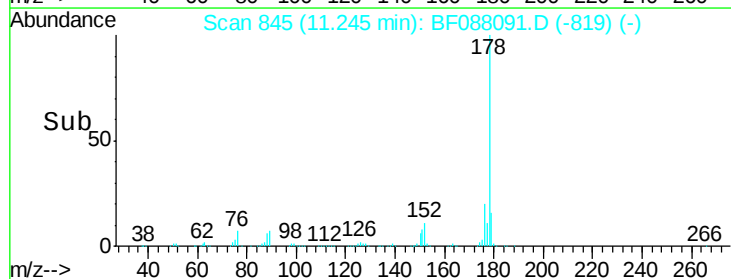
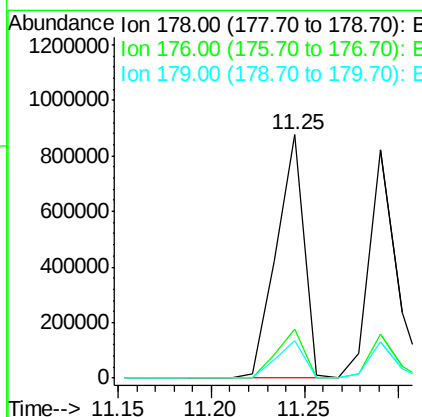
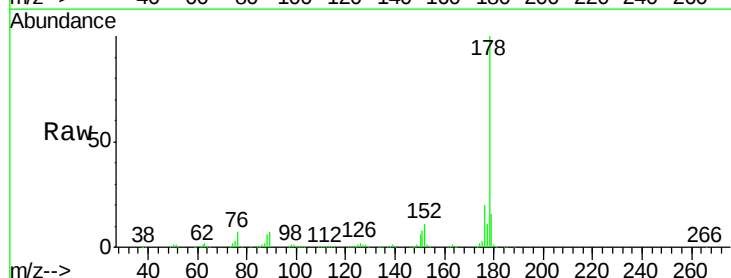
Manual Integrations  
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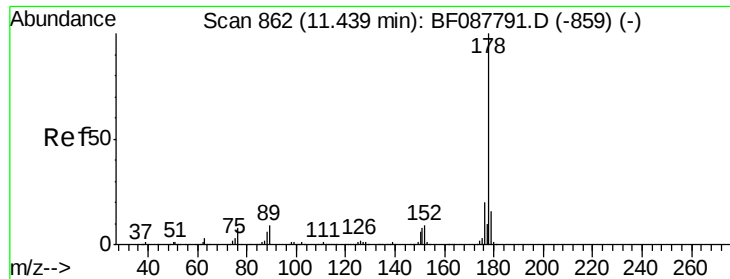
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#70  
 Phenanthrene  
 Concen: 39.48 ng  
 RT: 11.25 min Scan# 845  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.0  | 15.8  | 23.6  |
| 179     | 15.5  | 13.0  | 19.4  |





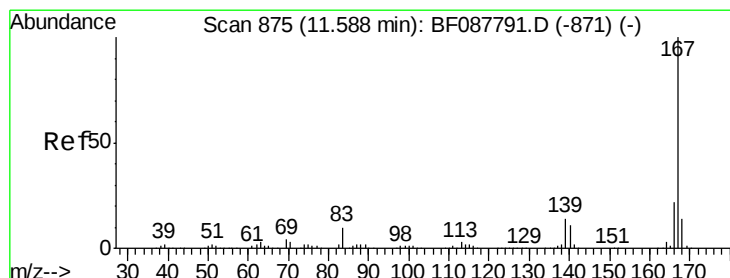
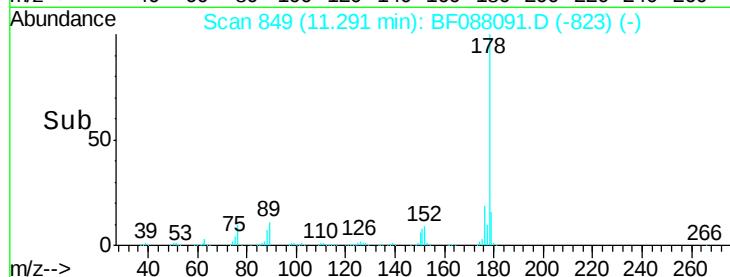
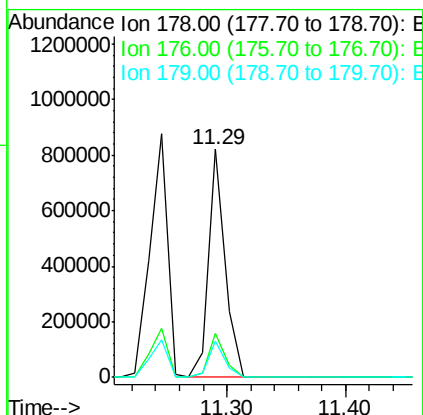
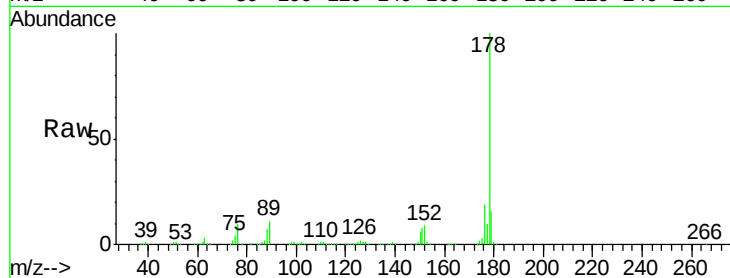
#71  
 Anthracene  
 Concen: 34.15 ng  
 RT: 11.29 min Scan# 849  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.6  | 23.4  |
| 179     | 15.9  | 12.8  | 19.2  |

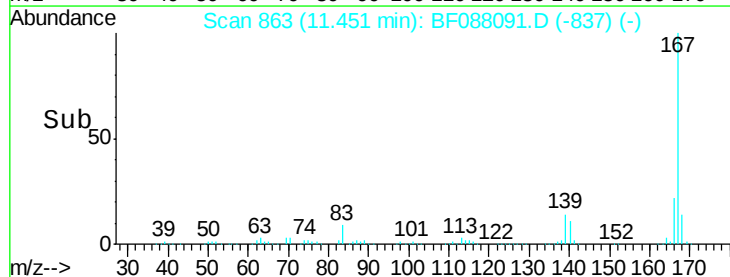
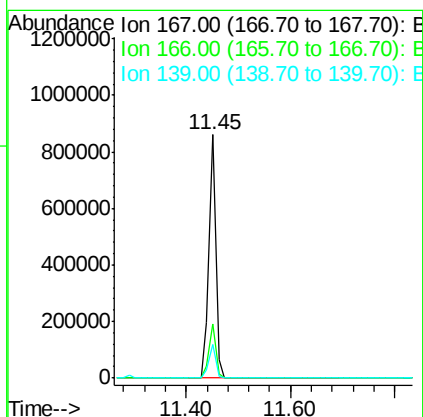
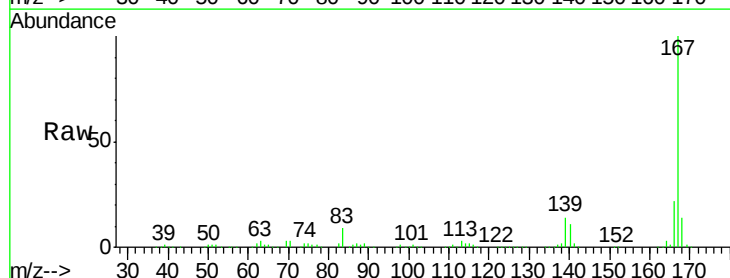
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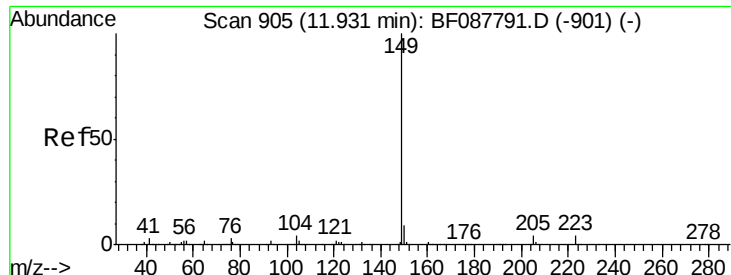
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#72  
 Carbazole  
 Concen: 35.91 ng  
 RT: 11.45 min Scan# 863  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.2  | 17.8  | 26.6  |
| 139     | 13.9  | 11.2  | 16.8  |





#73

Di-n-butylphthalate

Concen: 35.54 ng

RT: 11.78 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

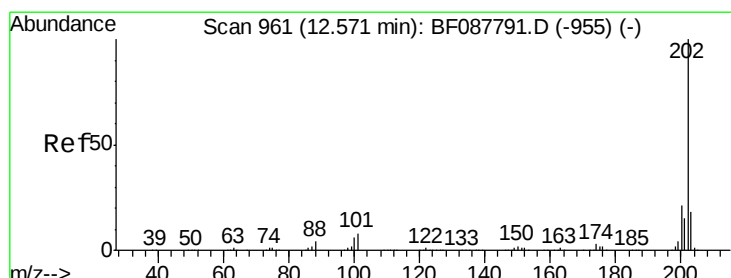
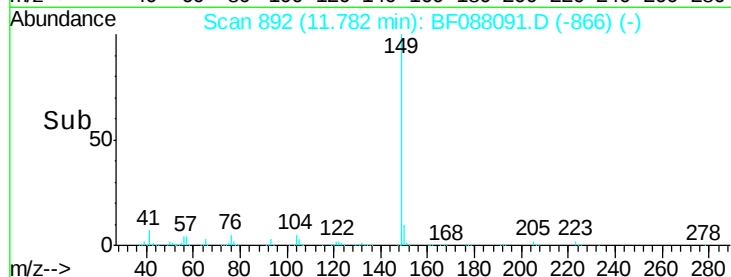
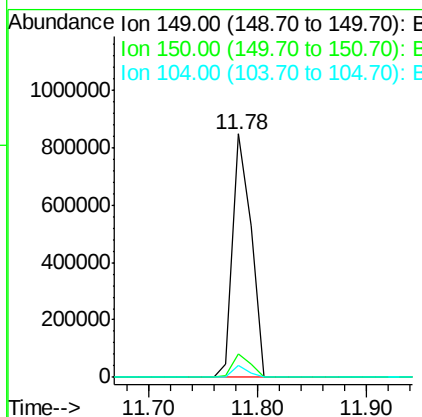
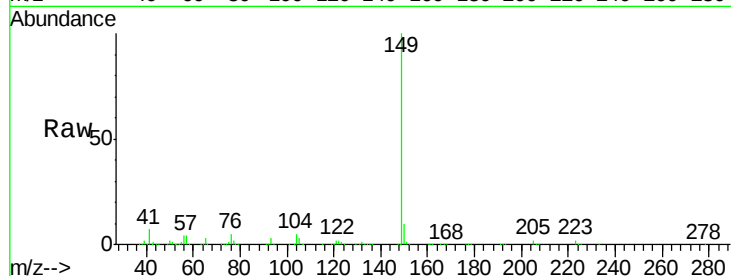
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 977803 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.7   | 7.8   | 11.6   |
| 104       | 5.1   | 4.0   | 6.0    |

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#74

Fluoranthene

Concen: 32.73 ng

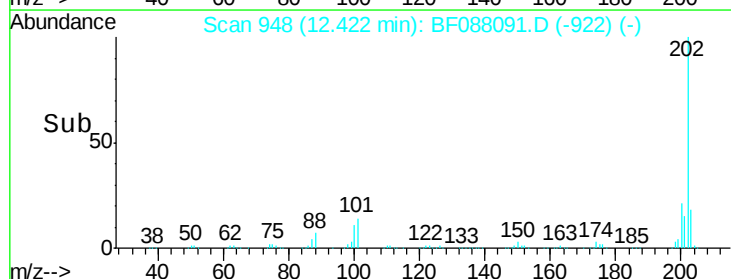
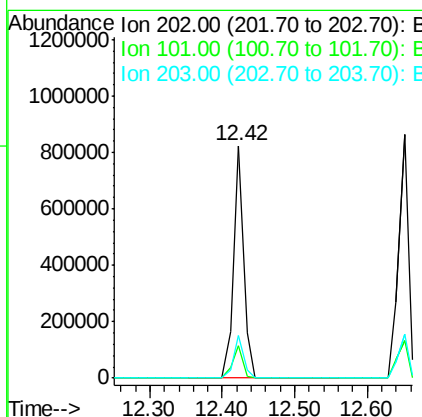
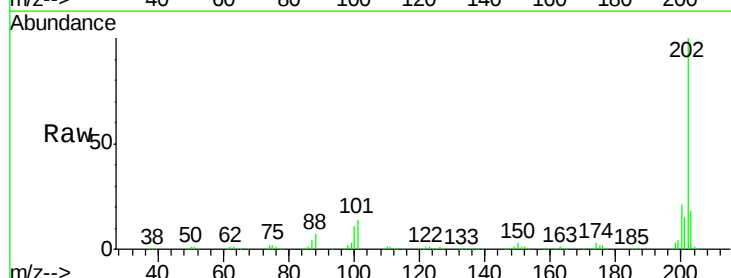
RT: 12.42 min Scan# 948

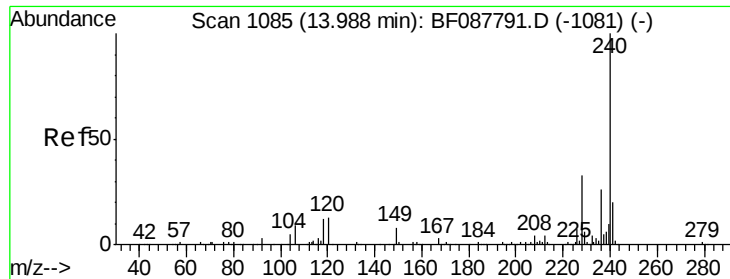
Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 795252 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 14.2  | 0.0   | 33.1   |
| 203       | 18.1  | 0.0   | 38.1   |





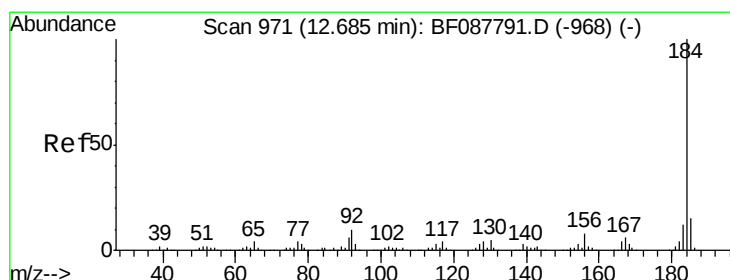
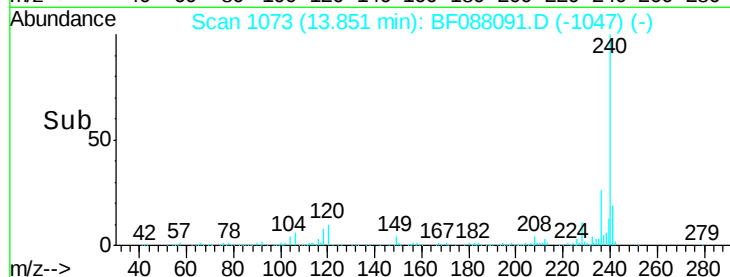
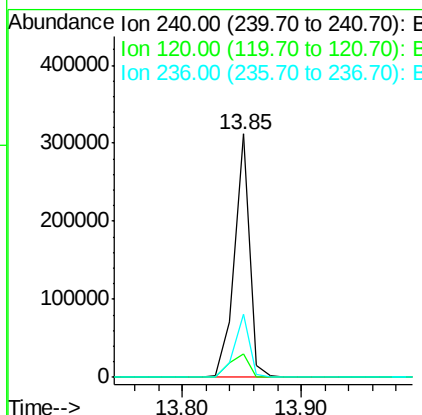
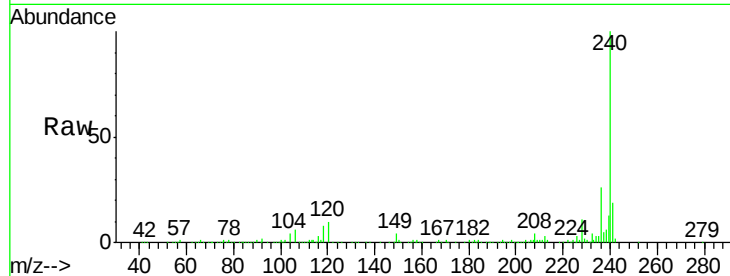
#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.85 min Scan# 1073  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 9.5   | 6.8   | 10.2  |
| 236     | 25.7  | 20.2  | 30.2  |

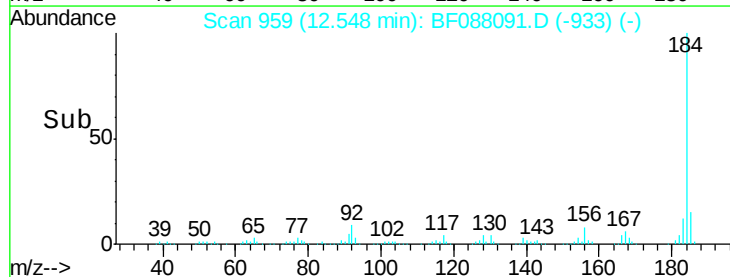
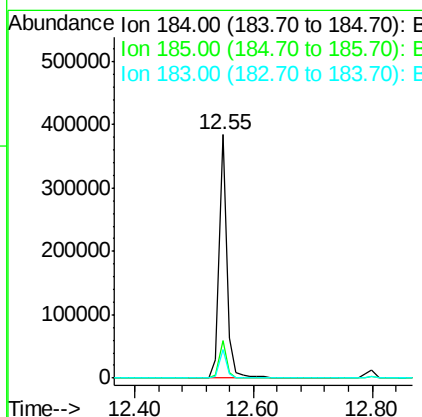
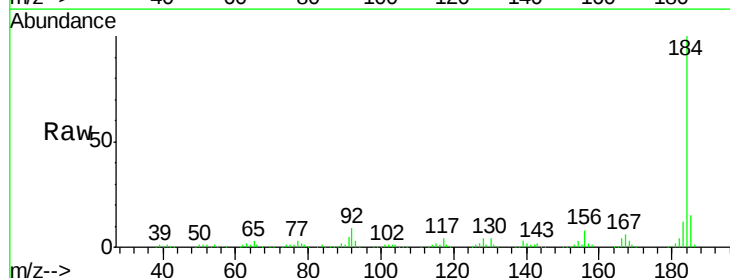
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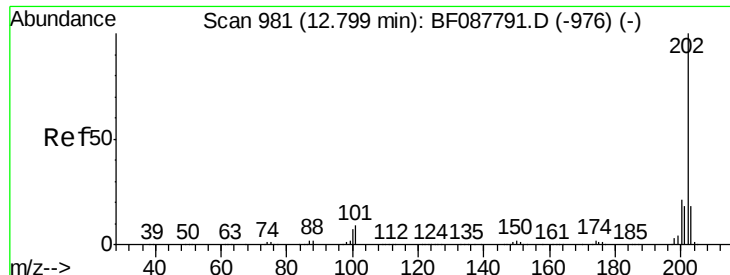
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#76  
Benzidine  
Concen: 45.04 ng  
RT: 12.55 min Scan# 959  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.3  | 12.5  | 18.7  |
| 183     | 11.6  | 9.3   | 13.9  |





#77

Pvrene

Concen: 40.40 ng

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

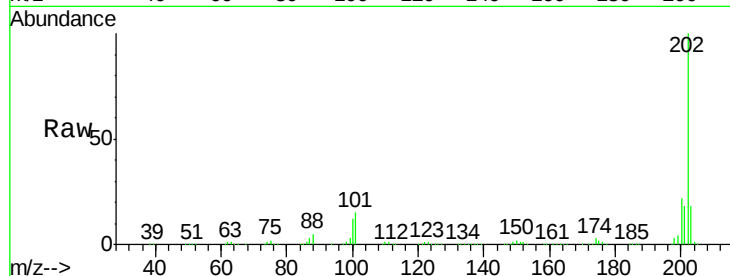
ClientSampleId :

SSTDCCC040

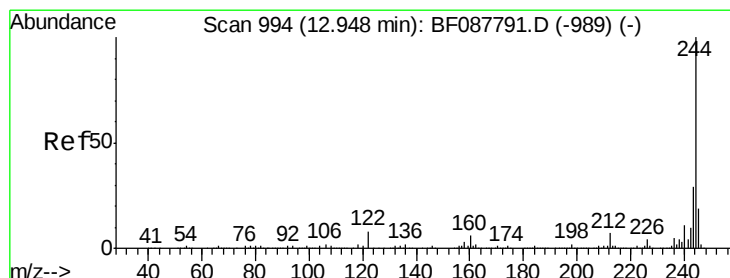
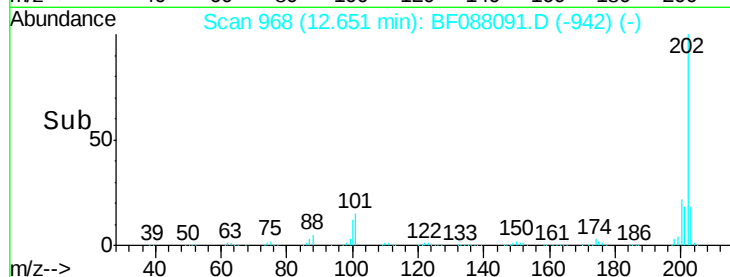
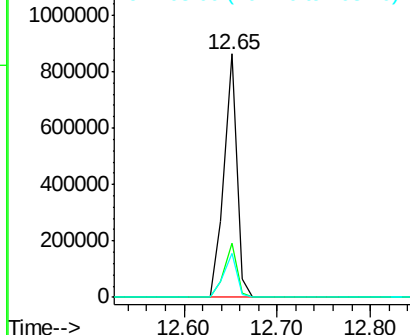
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 829159 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 200       | 22.1 | 17.4  | 26.2   |
| 203       | 18.1 | 14.5  | 21.7   |

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Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 70.91 ng

RT: 12.80 min Scan# 981

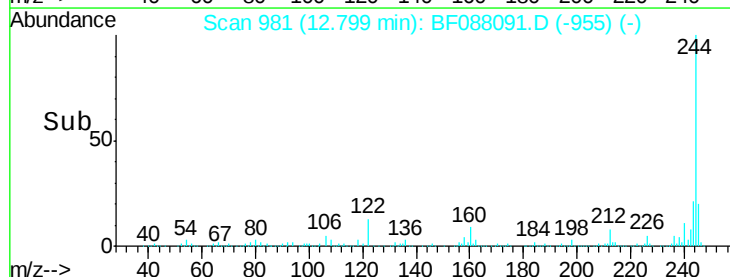
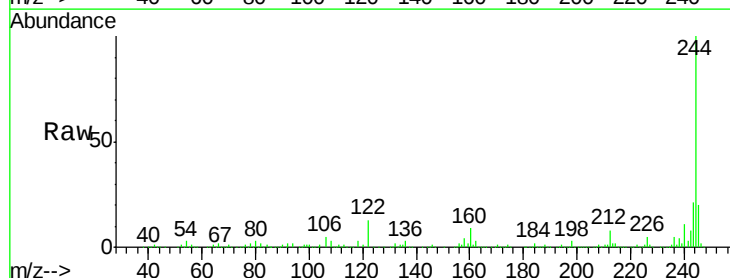
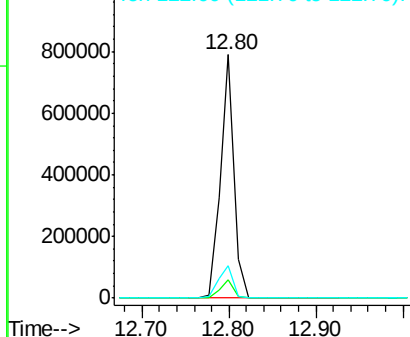
Delta R.T. 0.00 min

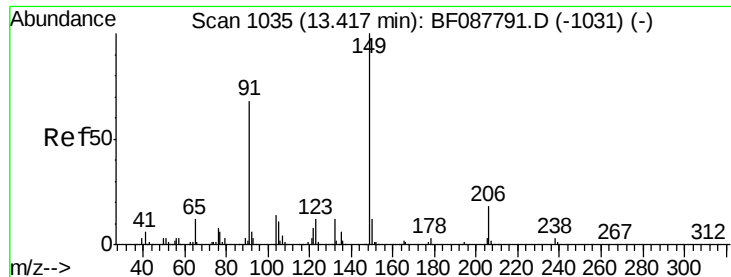
Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 244  | Resp: | 861989 |
| Ion Ratio |      | Lower | Upper  |
| 244       | 100  |       |        |
| 212       | 7.7  | 6.0   | 9.0    |
| 122       | 13.3 | 11.2  | 16.8   |

Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E





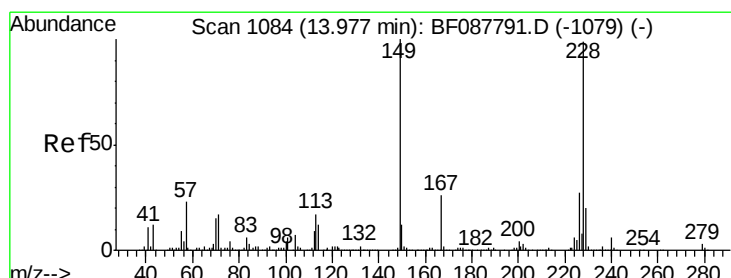
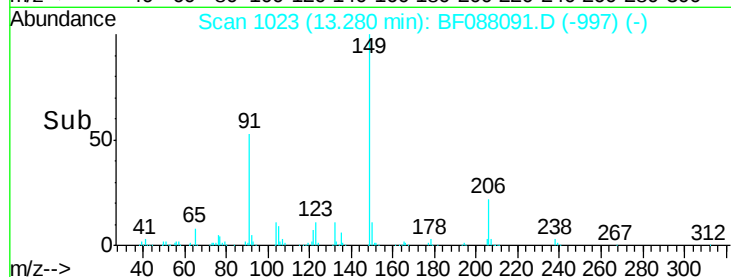
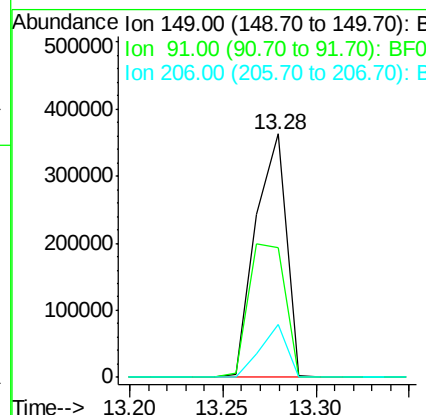
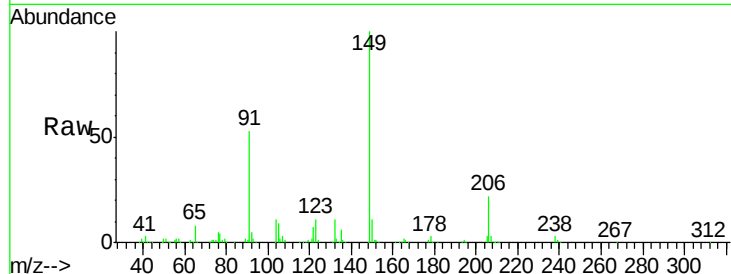
#79  
Butylbenzylphthalate  
Concen: 46.42 ng  
RT: 13.28 min Scan# 1023  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 53.2  | 48.0  | 72.0  |
| 206     | 21.5  | 16.0  | 24.0  |

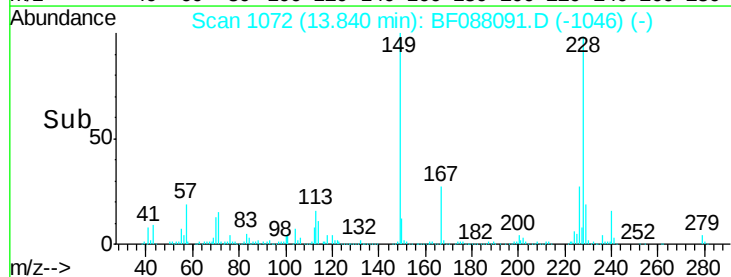
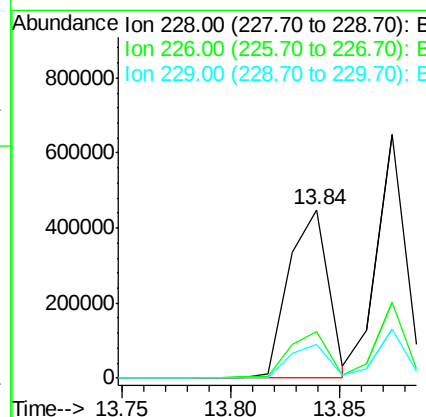
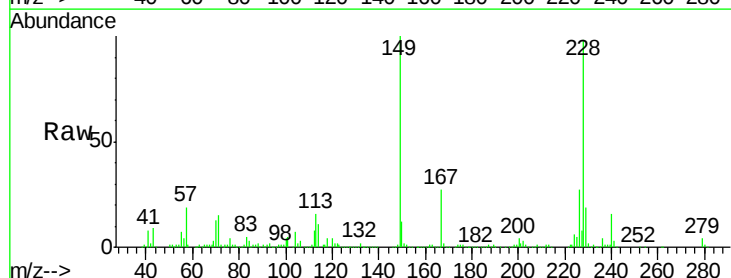
Manual Integrations  
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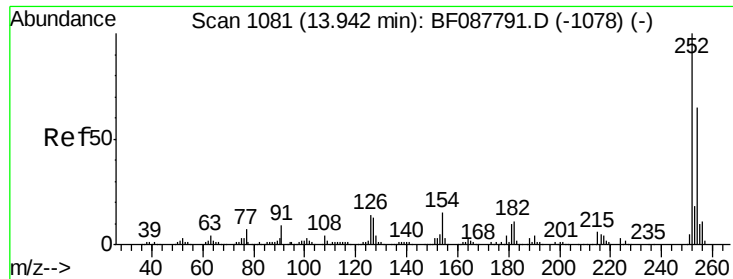
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#80  
Benzo(a)anthracene  
Concen: 36.03 ng  
RT: 13.84 min Scan# 1072  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.8  | 22.3  | 33.5  |
| 229     | 19.8  | 16.0  | 24.0  |





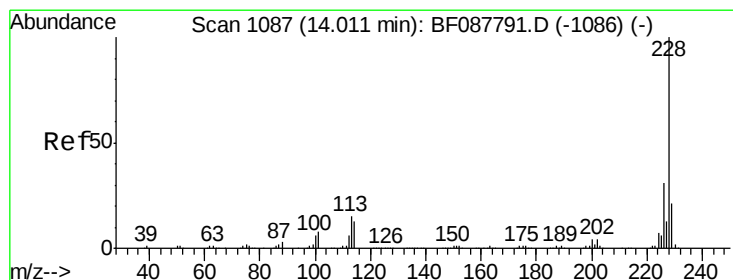
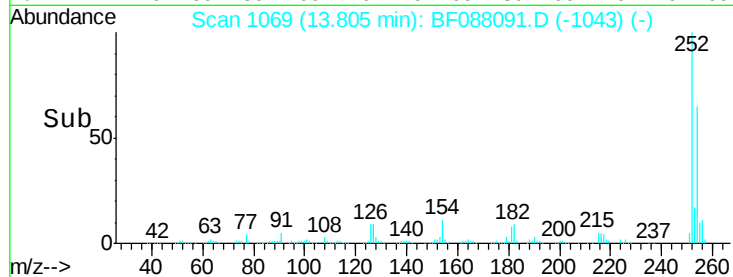
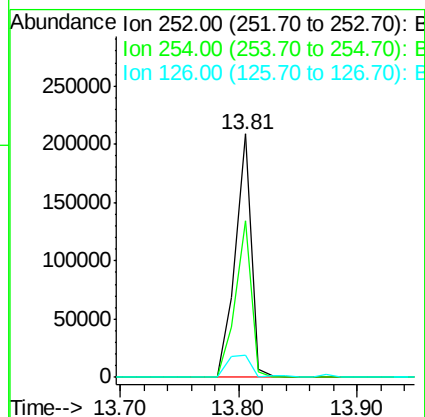
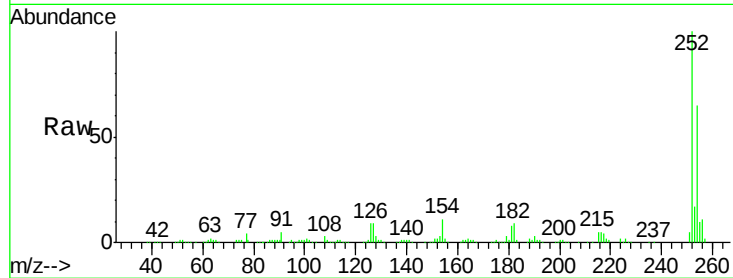
#81  
 3,3'-Dichlorobenzidine  
 Concen: 46.44 ng  
 RT: 13.81 min Scan# 1069  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 64.6  | 52.6       | 78.8  |
| 126     | 9.1   | 6.2        | 9.2   |

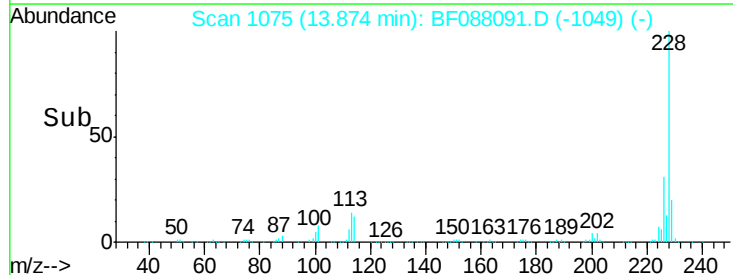
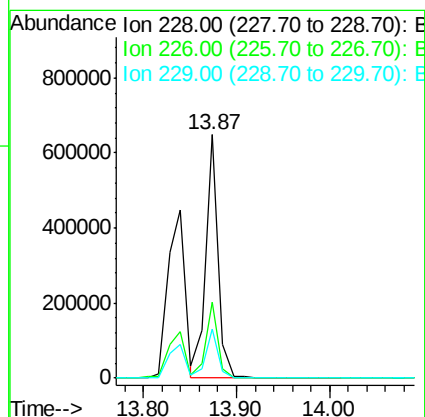
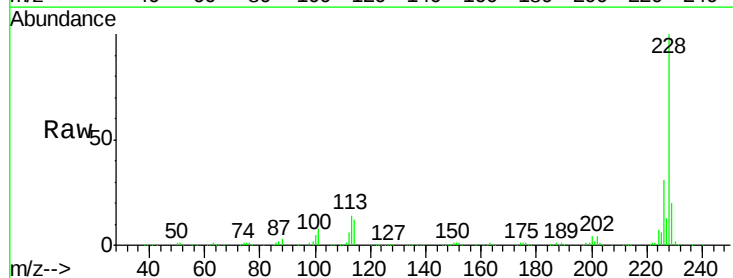
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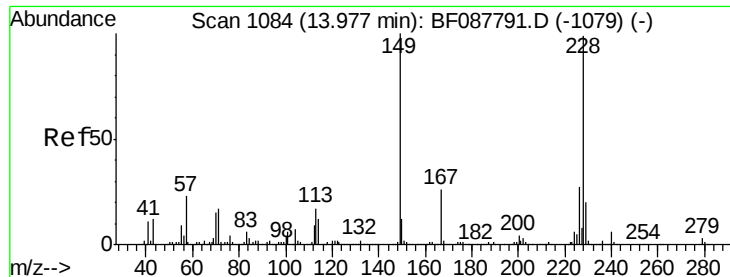
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#82  
 Chrysene  
 Concen: 40.86 ng  
 RT: 13.87 min Scan# 1075  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 30.9  | 25.4       | 38.2  |
| 229     | 20.0  | 16.3       | 24.5  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.31 ng

RT: 13.84 min Scan# 1072

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 478462

Ion Ratio Lower Upper

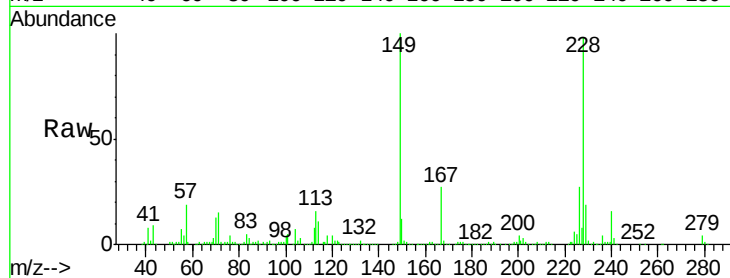
149 100

167 26.6 20.5 30.7

279 3.5 2.0 3.0#

Manual Integrations  
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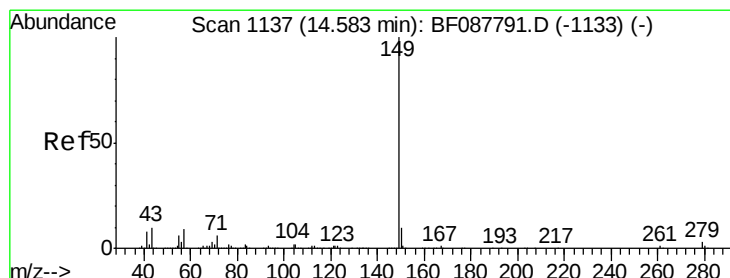
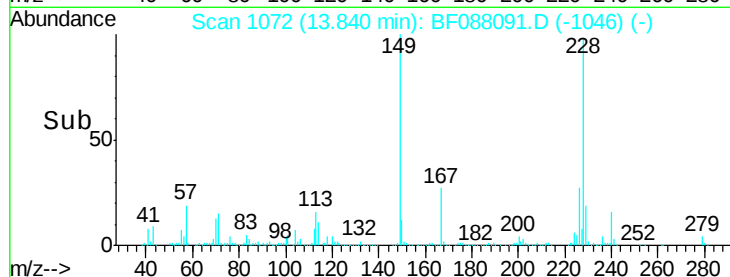
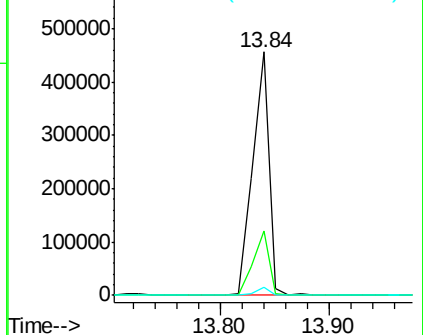
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.36 ng

RT: 14.45 min Scan# 1125

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

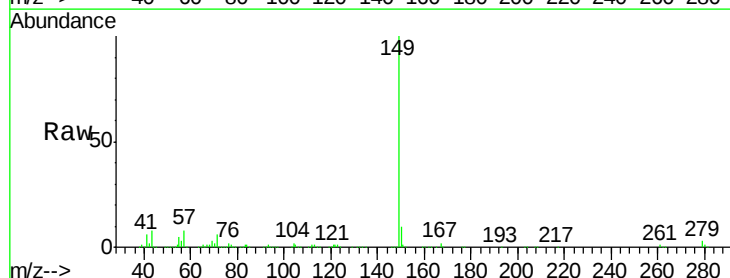
Tgt Ion:149 Resp: 814150

Ion Ratio Lower Upper

149 100

167 1.5 0.0 0.0#

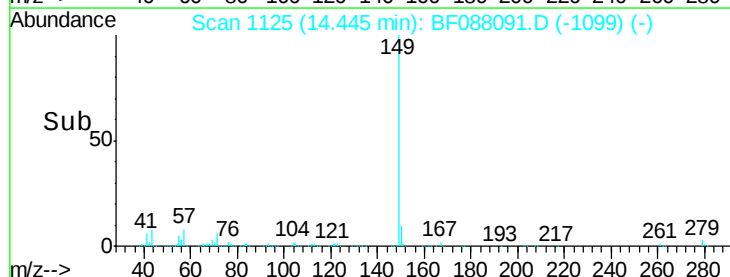
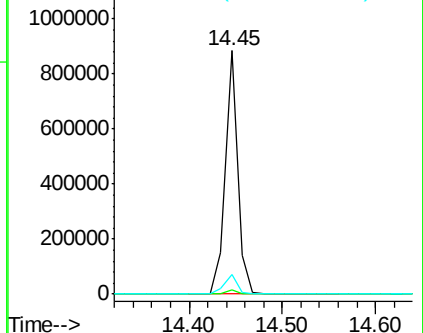
43 8.5 0.0 0.0#

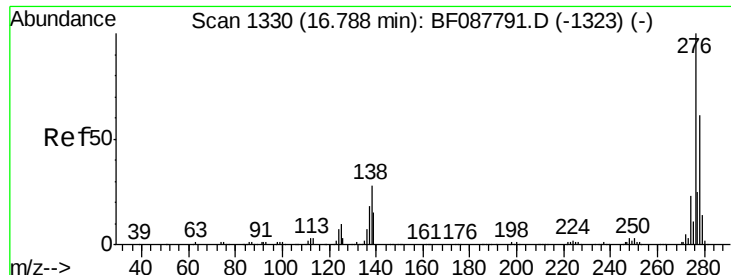


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





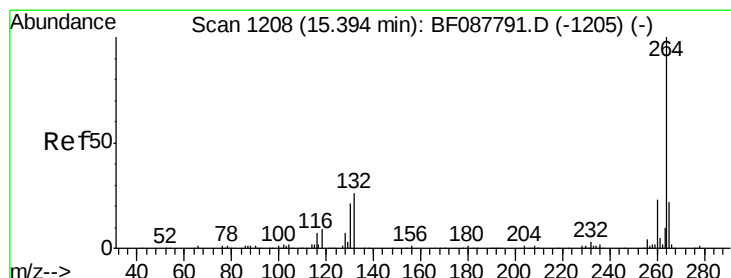
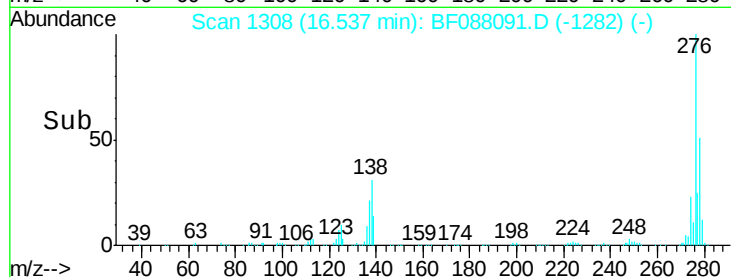
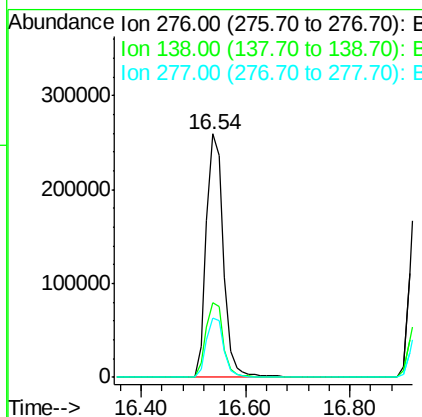
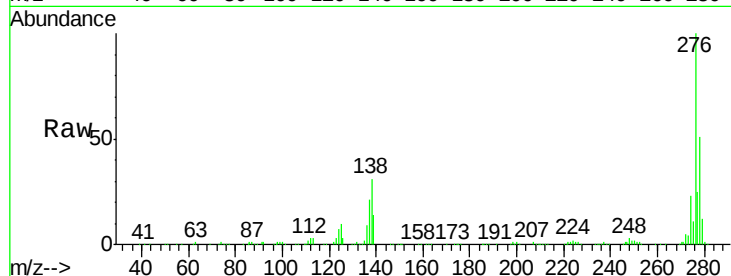
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 43.07 ng  
RT: 16.54 min Scan# 1308  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 138     | 31.6  | 0.0        | 0.0#  |
| 277     | 24.8  | 0.0        | 0.0#  |

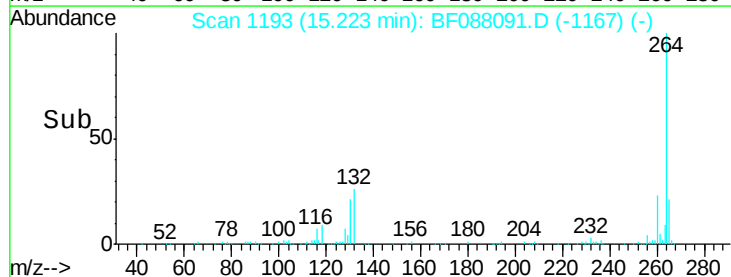
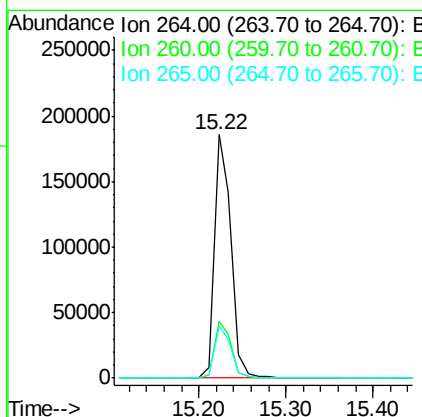
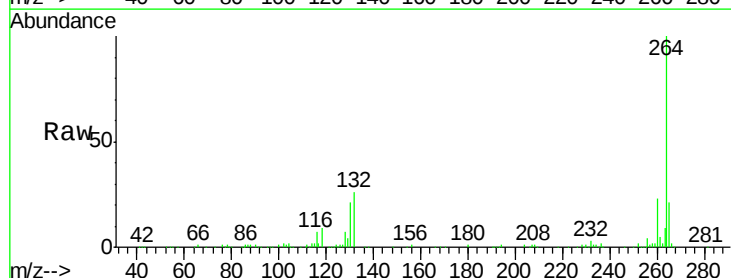
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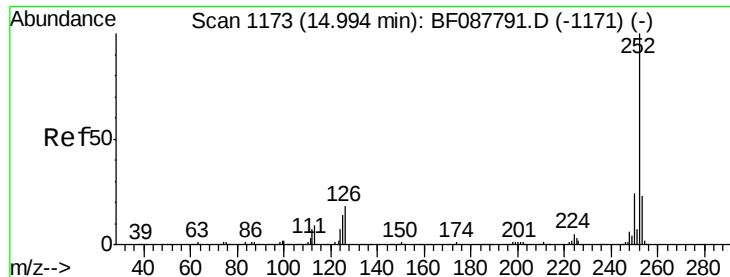
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.22 min Scan# 1193  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 264     | 100   |            |       |
| 260     | 23.1  | 19.2       | 28.8  |
| 265     | 21.3  | 16.9       | 25.3  |





#87

Benzo(b)fluoranthene

Concen: 32.37 ng m

RT: 14.85 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

Instrument :

BNA\_F

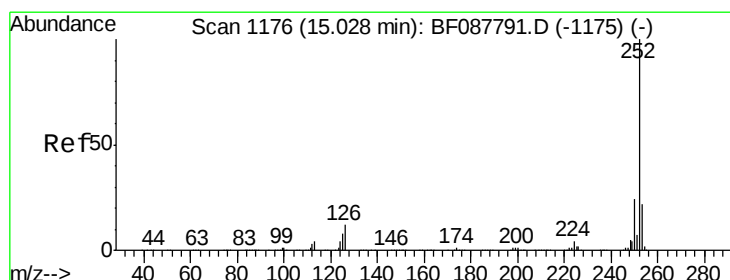
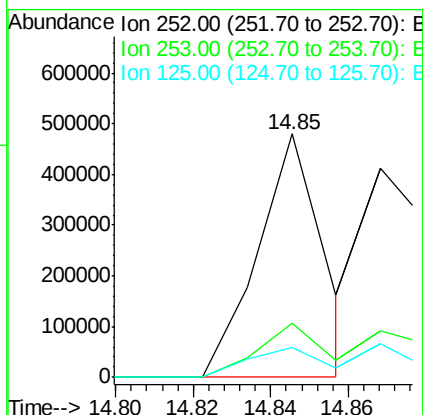
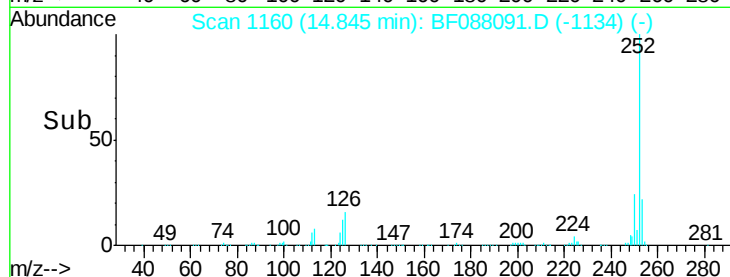
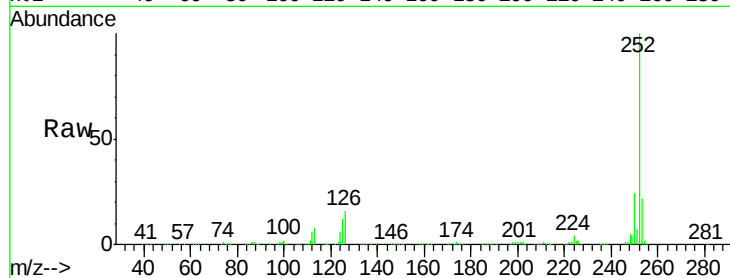
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 562279 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.3  | 17.4  | 26.2   |
| 125       | 12.4  | 7.1   | 10.7#  |

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#88

Benzo(k)fluoranthene

Concen: 39.80 ng m

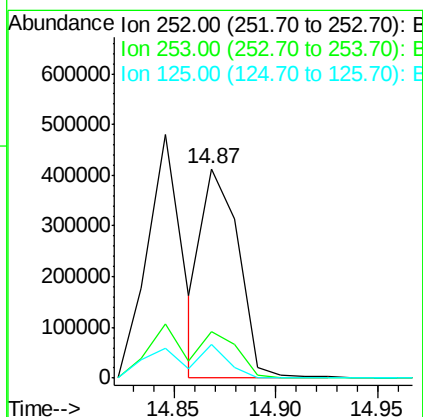
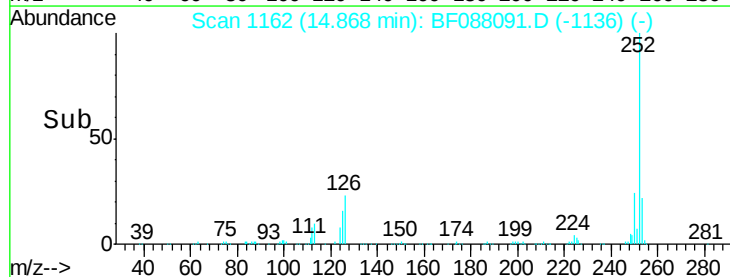
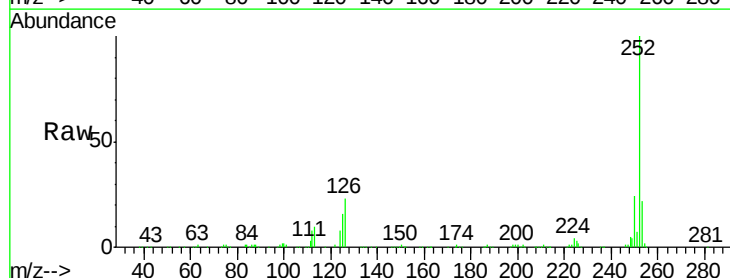
RT: 14.87 min Scan# 1162

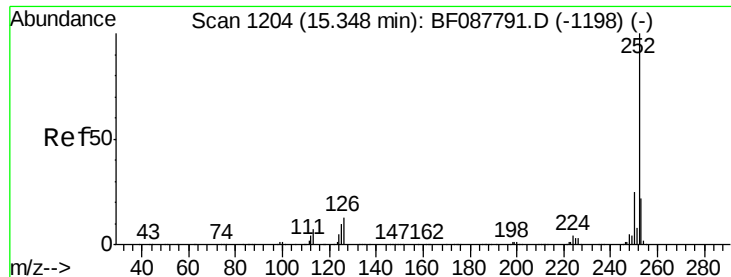
Delta R.T. 0.00 min

Lab File: BF088091.D

Acq: 17 Jun 2016 13:07

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 521572 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.5  | 18.0  | 27.0   |
| 125       | 15.9  | 11.2  | 16.8   |





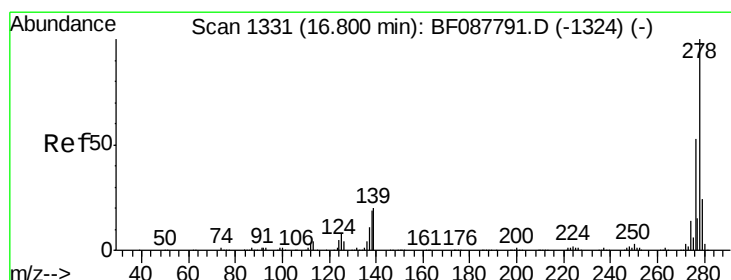
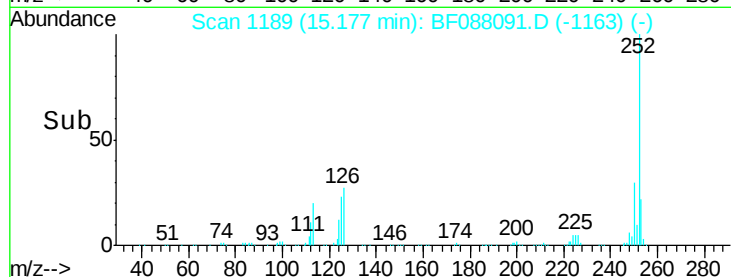
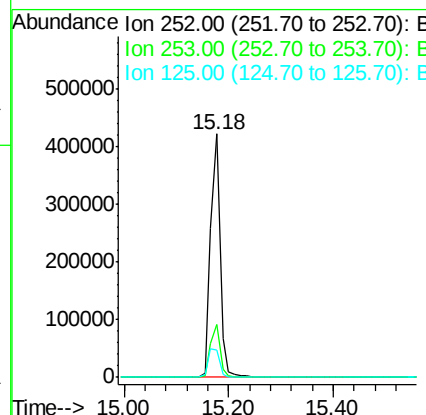
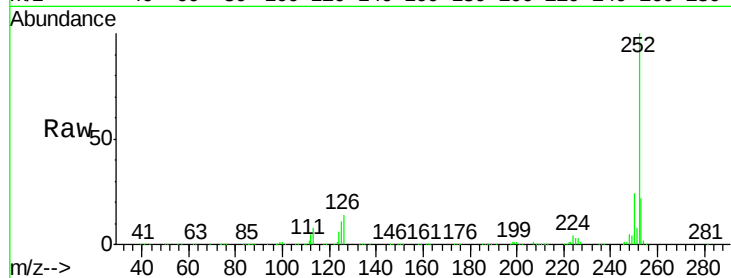
#89  
Benzo(a)pyrene  
Concen: 38.34 ng  
RT: 15.18 min Scan# 1189  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.6  | 17.9  | 26.9  |
| 125     | 11.2  | 12.5  | 18.7  |

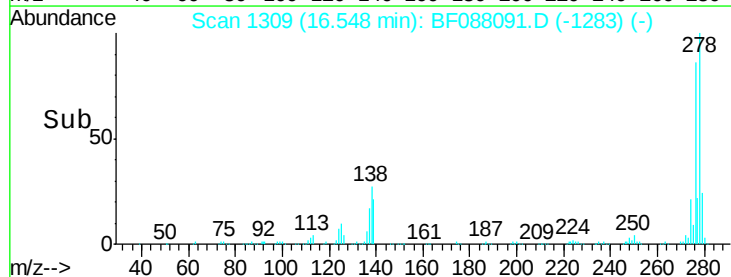
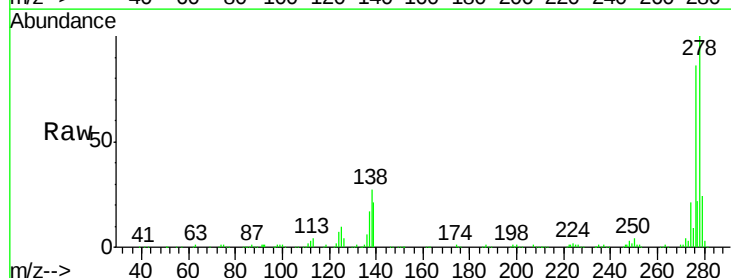
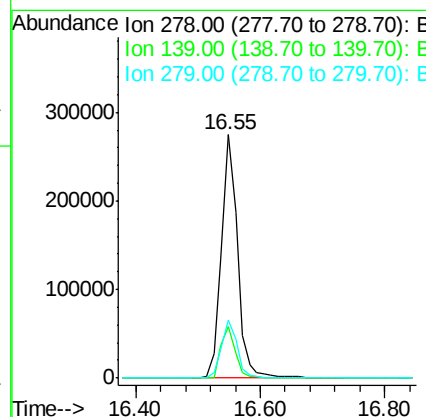
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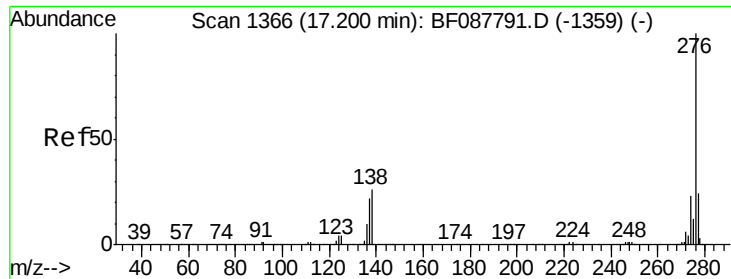
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#90  
Dibenzo(a,h)anthracene  
Concen: 37.51 ng  
RT: 16.55 min Scan# 1309  
Delta R.T. 0.00 min  
Lab File: BF088091.D  
Acq: 17 Jun 2016 13:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 21.1  | 15.7  | 23.5  |
| 279     | 24.0  | 19.4  | 29.2  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 39.42 ng  
 RT: 16.94 min Scan# 1343  
 Delta R.T. 0.00 min  
 Lab File: BF088091.D  
 Acq: 17 Jun 2016 13:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.2  | 18.9  | 28.3  |
| 138     | 24.5  | 21.4  | 32.2  |

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