

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF041315\  
 Data File : BF078481.D  
 Acq On : 14 Apr 2015 2:46  
 Operator : TP/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
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apatel  
 4/14/2015 5:25:26 PM

Quant Time: Apr 14 04:35:55 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 14 01:02:55 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.83  | 152  | 55858    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.41  | 136  | 245084   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.57 | 164  | 123449   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.39 | 188  | 253697   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 15.65 | 240  | 251487   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 17.29 | 264  | 252741   | 20.00 | ng    | -0.10    |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.07  | 112 | 264149 | 77.97 | ng | -0.01 |
| 7) Phenol-d6             | 6.43  | 99  | 341670 | 80.47 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.53  | 82  | 315645 | 78.06 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 11.54 | 330 | 91891  | 89.75 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.76  | 172 | 681945 | 78.96 | ng | 0.00  |
| 78) Terphenyl-d14        | 14.38 | 244 | 823923 | 74.03 | ng | -0.01 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 1.61 | 88  | 124808 | 81.47 | ng | # 59   |
| 3) Pyridine                    | 2.18 | 79  | 169007 | 42.11 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 2.15 | 42  | 73279  | 47.44 | ng | 99     |
| 6) Aniline                     | 6.42 | 93  | 250638 | 41.63 | ng | 90     |
| 8) 2-Chlorophenol              | 6.56 | 128 | 159115 | 39.72 | ng | 97     |
| 9) Benzaldehyde                | 6.27 | 77  | 103544 | 36.80 | ng | 98     |
| 10) Phenol                     | 6.44 | 94  | 200577 | 39.43 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.54 | 93  | 151927 | 41.53 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.75 | 146 | 171044 | 38.87 | ng | # 91   |
| 13) 1,4-Dichlorobenzene        | 6.84 | 146 | 173888 | 39.26 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.03 | 146 | 157077 | 37.82 | ng | 97     |
| 15) Benzyl Alcohol             | 7.04 | 79  | 134302 | 45.01 | ng | # 87   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45  | 200380 | 41.06 | ng | 95     |
| 17) 2-Methylphenol             | 7.20 | 107 | 128615 | 41.35 | ng | 96     |
| 18) Hexachloroethane           | 7.45 | 117 | 60933  | 40.79 | ng | 93     |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70  | 121005 | 43.20 | ng | # 89   |
| 20) 3+4-Methylphenols          | 7.39 | 107 | 169618 | 40.88 | ng | 94     |
| 22) Acetophenone               | 7.36 | 105 | 233826 | 40.95 | ng | # 98   |
| 24) Nitrobenzene               | 7.55 | 77  | 164043 | 38.81 | ng | # 80   |
| 25) Isophorone                 | 7.86 | 82  | 331042 | 43.14 | ng | 97     |
| 26) 2-Nitrophenol              | 7.95 | 139 | 84722  | 42.06 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 8.03 | 122 | 138000 | 36.84 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 8.15 | 93  | 191998 | 39.02 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.25 | 162 | 130177 | 38.20 | ng | 88     |
| 30) 1,2,4-Trichlorobenzene     | 8.34 | 180 | 140366 | 35.93 | ng | # 97   |
| 31) Naphthalene                | 8.43 | 128 | 478021 | 37.47 | ng | 99     |
| 32) Benzoic acid               | 8.18 | 122 | 74915  | 43.19 | ng | 97     |
| 33) 4-Chloroaniline            | 8.52 | 127 | 214106 | 40.45 | ng | 99     |
| 34) Hexachlorobutadiene        | 8.59 | 225 | 85671  | 39.93 | ng | 98     |
| 35) Caprolactam                | 8.97 | 113 | 43919  | 43.18 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 9.15 | 107 | 141492 | 41.15 | ng | # 84   |
| 37) 2-Methylnaphthalene        | 9.29 | 142 | 332257 | 38.36 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.50 | 216 | 145125 | 37.94 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.48 | 237 | 57304  | 38.65 | ng | 98     |

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Manual Integrations  
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apatel  
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Quant Time: Apr 14 04:35:55 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 14 01:02:55 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.66  | 196  | 103457   | 42.89 | ng    | 100      |
| 43) 2,4,5-Trichlorophenol      | 9.70  | 196  | 102937   | 40.84 | ng #  | 88       |
| 45) 1,1'-Biphenyl              | 9.87  | 154  | 393201   | 38.94 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 9.88  | 162  | 305409   | 38.44 | ng    | 98       |
| 47) 2-Nitroaniline             | 10.03 | 65   | 92958    | 47.29 | ng #  | 70       |
| 48) Acenaphthylene             | 10.39 | 152  | 501114   | 39.06 | ng    | 99       |
| 49) Dimethylphthalate          | 10.27 | 163  | 374190   | 40.35 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.34 | 165  | 81777    | 42.86 | ng #  | 54       |
| 51) Acenaphthene               | 10.60 | 154  | 292380   | 40.48 | ng    | 98       |
| 52) 3-Nitroaniline             | 10.55 | 138  | 101331   | 46.70 | ng #  | 79       |
| 53) 2,4-Dinitrophenol          | 10.68 | 184  | 23573    | 42.81 | ng #  | 87       |
| 54) Dibenzofuran               | 10.82 | 168  | 457463   | 41.47 | ng    | 97       |
| 55) 4-Nitrophenol              | 10.79 | 139  | 53496m   | 35.09 | ng    |          |
| 56) 2,4-Dinitrotoluene         | 10.83 | 165  | 110627   | 44.76 | ng #  | 73       |
| 57) Fluorene                   | 11.24 | 166  | 383605   | 42.90 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.98 | 232  | 80052    | 42.85 | ng    | 99       |
| 59) Diethylphthalate           | 11.14 | 149  | 396149   | 44.30 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 11.26 | 204  | 168645   | 40.99 | ng #  | 81       |
| 61) 4-Nitroaniline             | 11.29 | 138  | 93022    | 42.41 | ng    | 91       |
| 62) Azobenzene                 | 11.45 | 77   | 338185   | 41.44 | ng    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 11.34 | 198  | 49499    | 40.86 | ng #  | 66       |
| 65) n-Nitrosodiphenylamine     | 11.40 | 169  | 331549   | 37.78 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.86 | 248  | 106620   | 39.68 | ng #  | 80       |
| 67) Hexachlorobenzene          | 11.91 | 284  | 104572   | 35.52 | ng    | 94       |
| 68) Atrazine                   | 12.09 | 200  | 101888   | 40.09 | ng    | 97       |
| 69) Pentachlorophenol          | 12.16 | 266  | 50408    | 42.62 | ng    | 98       |
| 70) Phenanthrene               | 12.42 | 178  | 538627   | 36.70 | ng    | 99       |
| 71) Anthracene                 | 12.48 | 178  | 546229   | 37.77 | ng    | 99       |
| 72) Carbazole                  | 12.70 | 167  | 522418   | 38.55 | ng    | 98       |
| 73) Di-n-butylphthalate        | 13.17 | 149  | 692221   | 45.09 | ng    | 99       |
| 74) Fluoranthene               | 13.87 | 202  | 594170   | 38.39 | ng    | 98       |
| 76) Benzidine                  | 14.07 | 184  | 317772   | 32.82 | ng    | 99       |
| 77) Pyrene                     | 14.15 | 202  | 596494   | 37.78 | ng    | 98       |
| 79) Butylbenzylphthalate       | 15.01 | 149  | 309804   | 51.49 | ng #  | 80       |
| 80) Benzo(a)anthracene         | 15.63 | 228  | 578410   | 38.66 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 15.62 | 252  | 202693   | 40.45 | ng #  | 98       |
| 82) Chrysene                   | 15.68 | 228  | 549587   | 39.09 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 15.73 | 149  | 462288   | 48.99 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 16.49 | 149  | 805559   | 51.99 | ng #  | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 18.50 | 276  | 670781m  | 42.05 | ng    |          |
| 87) Benzo(b)fluoranthene       | 16.88 | 252  | 571260   | 36.57 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 16.91 | 252  | 570546m  | 41.10 | ng    |          |
| 89) Benzo(a)pyrene             | 17.23 | 252  | 521147   | 38.23 | ng #  | 95       |
| 90) Dibenzo(a,h)anthracene     | 18.53 | 278  | 528105   | 38.69 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 18.85 | 276  | 535327   | 39.12 | ng    | 98       |

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

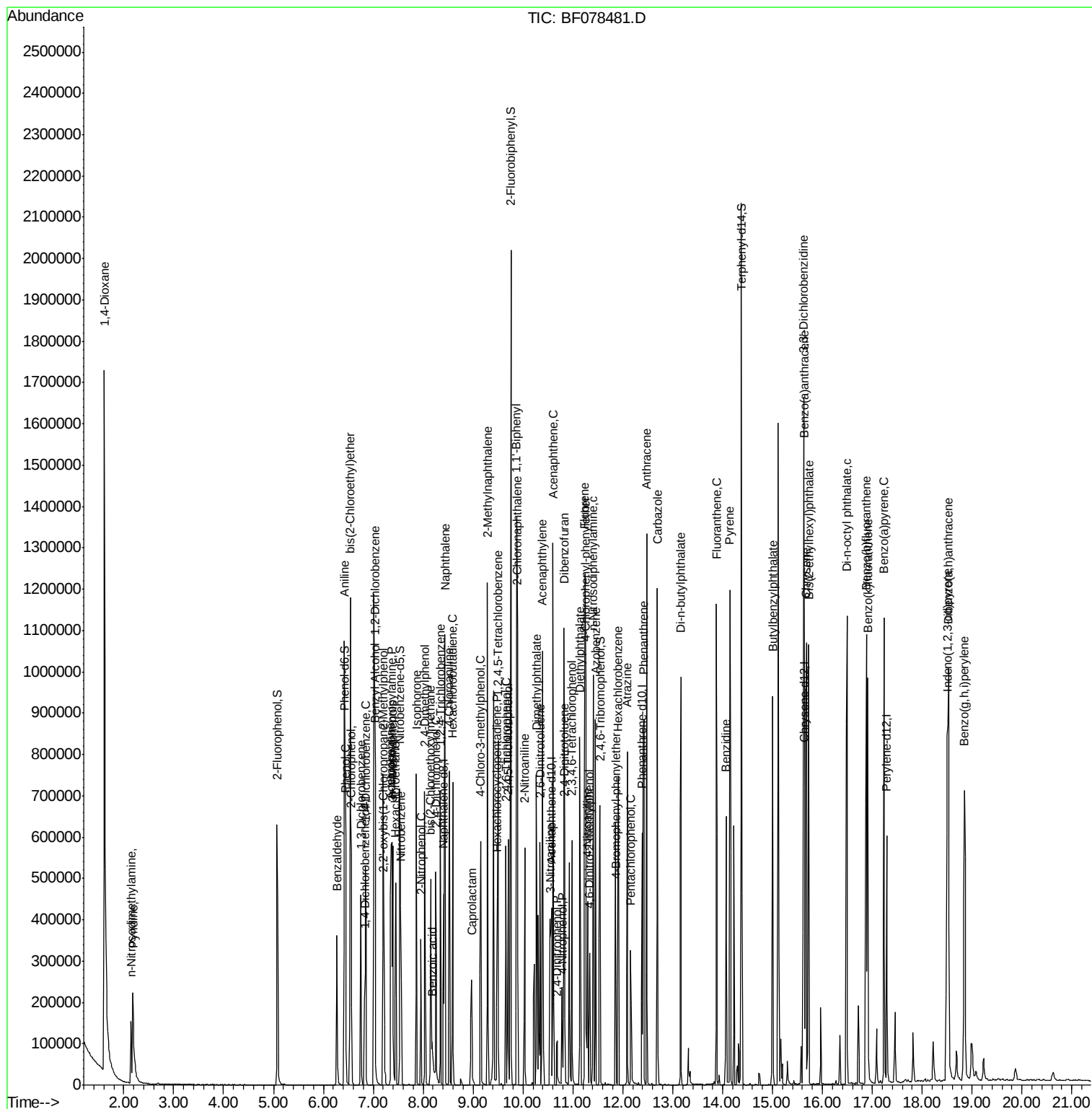
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041315\
Data File : BF078481.D
Acq On    : 14 Apr 2015    2:46
Operator  : TP/IZ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 2    Sample Multiplier: 1
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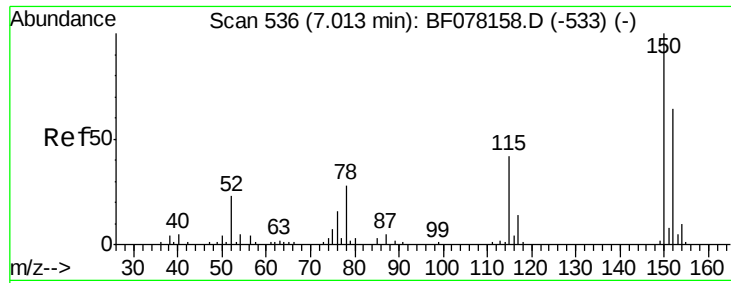
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDCCC040

## Manual Integrations APPROVED

apatel  
4/14/2015 5:25:26 PM

Quant Time: Apr 14 04:35:55 2015  
Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF040115.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Apr 14 01:02:55 2015  
Response via : Initial Calibration





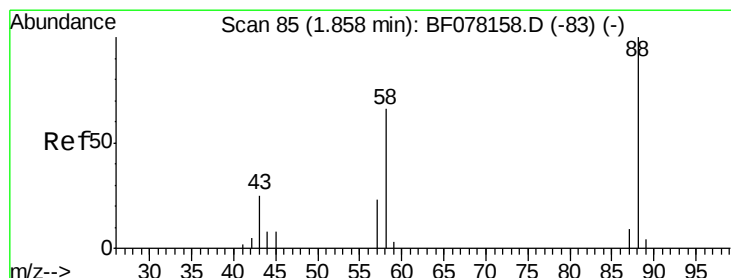
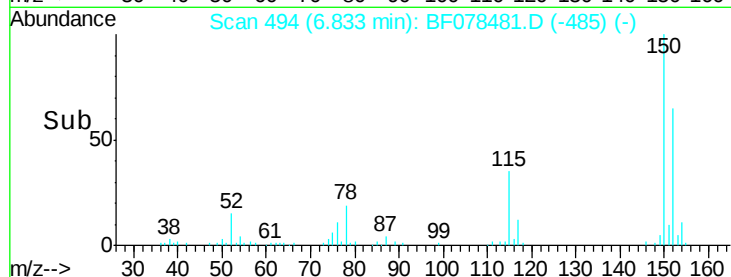
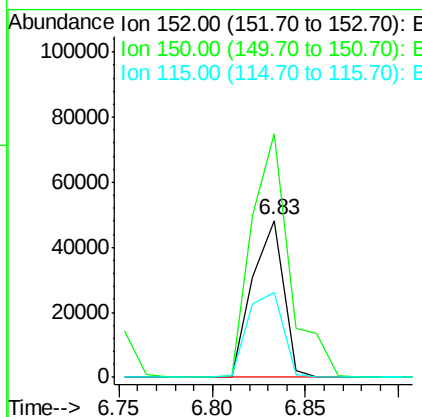
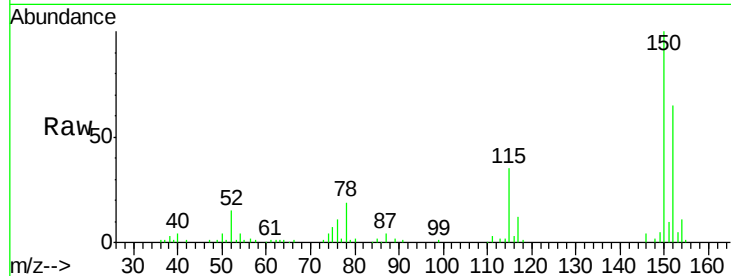
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Concen: 20.00 ng  
RT: 6.83 min Scan# 494  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 155.0 | 125.9 | 188.9 |
| 115     | 53.6  | 52.7  | 79.1  |

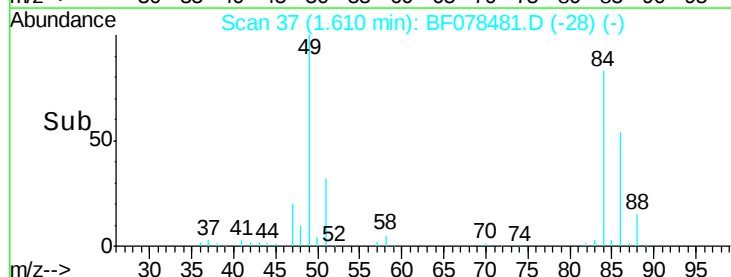
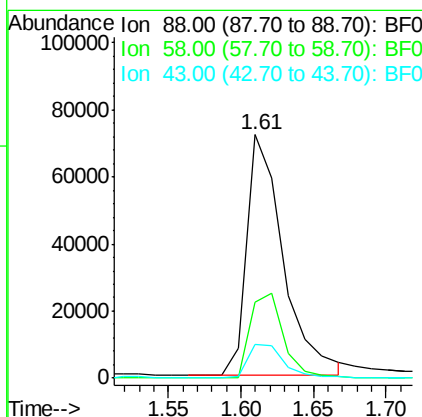
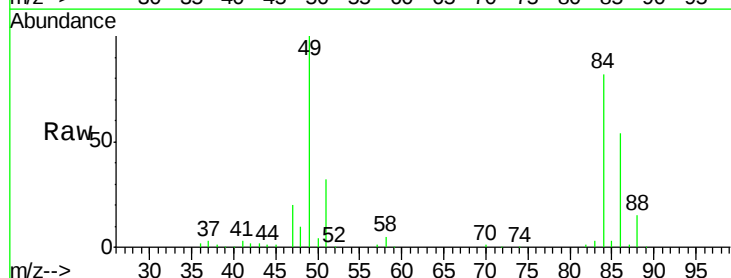
Manual Integrations  
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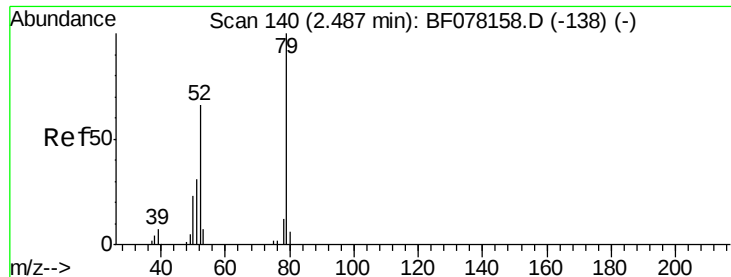
apatel  
4/14/2015 5:25:26 PM



#2  
1,4-Dioxane  
Concen: 81.47 ng  
RT: 1.61 min Scan# 37  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 32.1  | 56.9  | 85.3# |
| 43      | 14.2  | 21.4  | 32.2# |





#3

Pyridine

Concen: 42.11 ng

RT: 2.18 min Scan# 87

Delta R.T. -0.01 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

Instrument :

BNA\_F

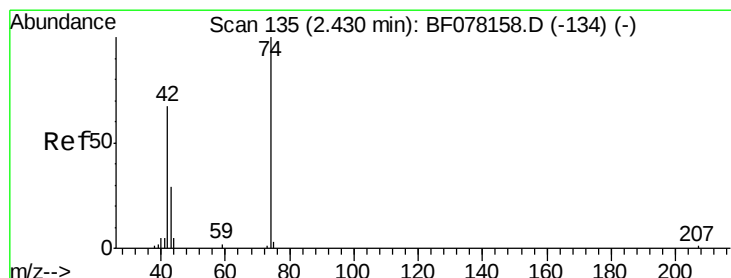
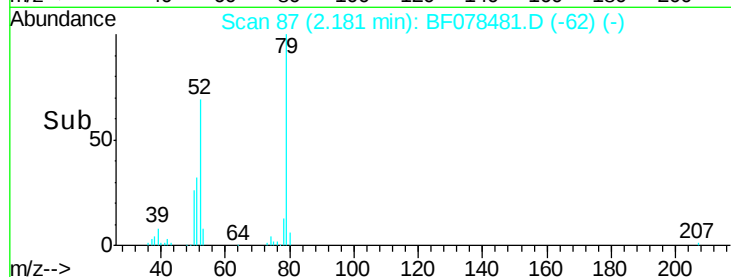
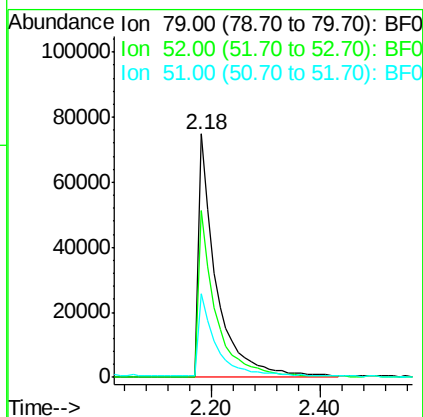
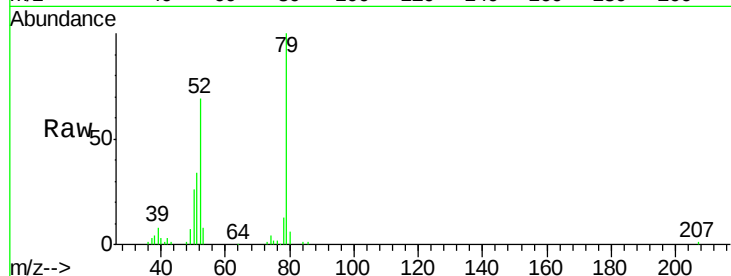
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 79   | Resp: | 169007 |
| Ion Ratio |      | Lower | Upper  |
| 79        | 100  |       |        |
| 52        | 68.7 | 52.4  | 78.6   |
| 51        | 34.1 | 24.9  | 37.3   |

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4/14/2015 5:25:26 PM



#4

n-Nitrosodimethylamine

Concen: 47.44 ng

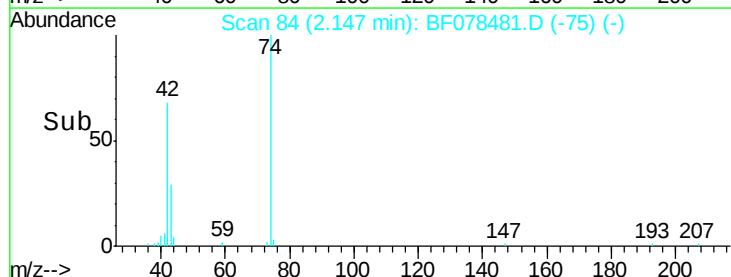
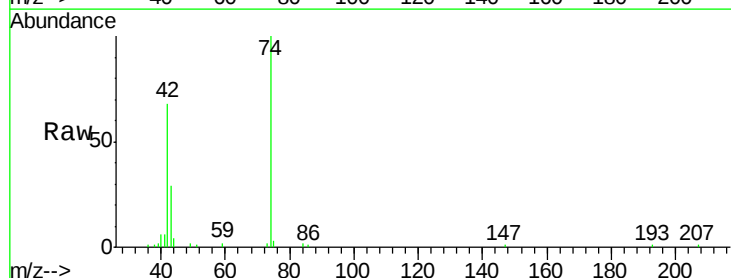
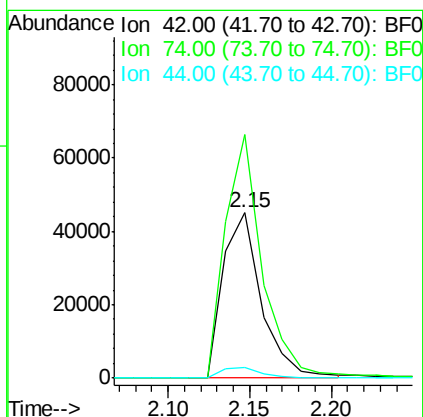
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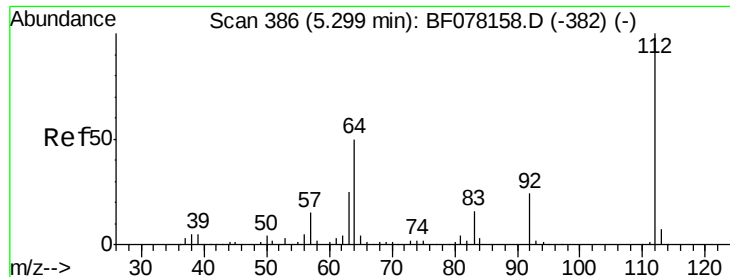
Delta R.T. 0.00 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 73279 |
| Ion Ratio |       | Lower | Upper |
| 42        | 100   |       |       |
| 74        | 147.6 | 118.7 | 178.1 |
| 44        | 6.6   | 5.9   | 8.9   |





#5

2-Fluorophenol

Concen: 77.97 ng

RT: 5.07 min Scan# 340

Delta R.T. -0.01 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

Instrument :

BNA\_F

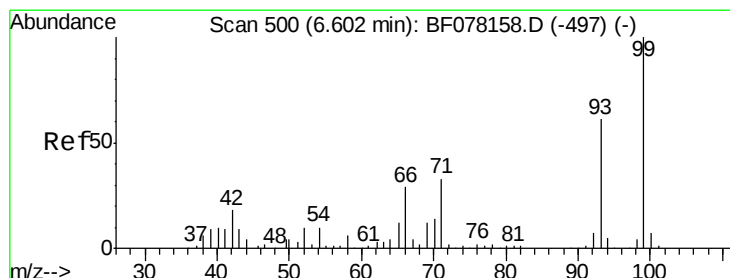
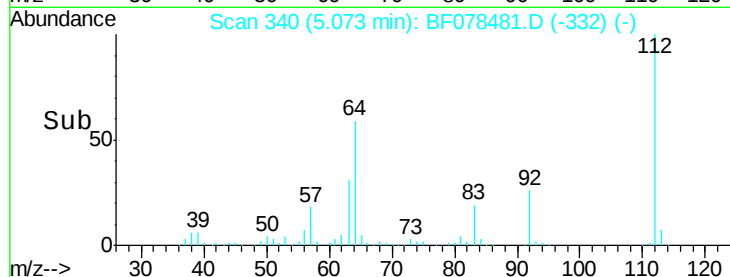
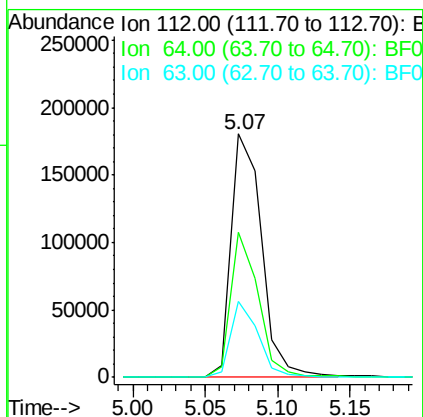
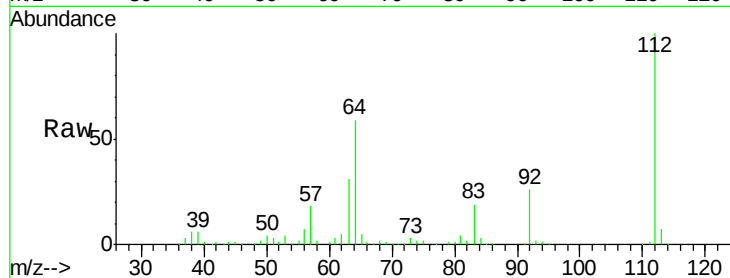
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 264149 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 59.5  | 39.9  | 59.9   |
| 63        | 31.4  | 20.2  | 30.4   |

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4/14/2015 5:25:26 PM



#6

Aniline

Concen: 41.63 ng

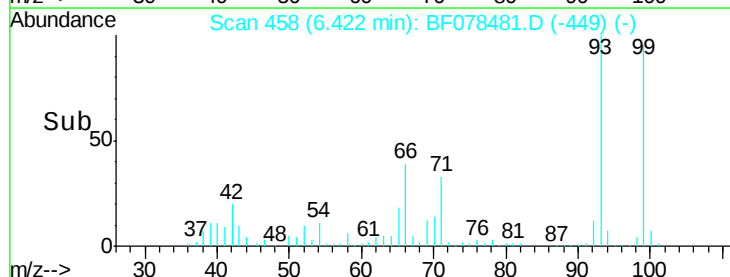
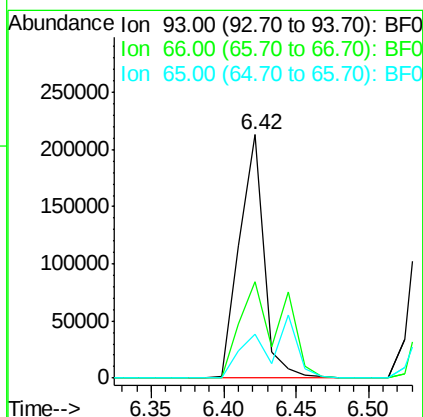
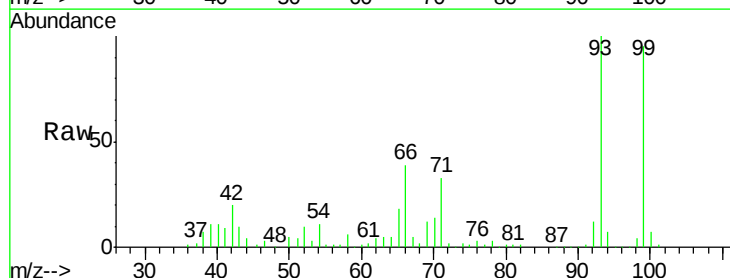
RT: 6.42 min Scan# 458

Delta R.T. 0.00 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 250638 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 39.5  | 38.0  | 57.0   |
| 65        | 18.2  | 16.3  | 24.5   |





#7

Phenol-d6

Concen: 80.47 ng

RT: 6.43 min Scan# 459

Delta R.T. 0.00 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

Instrument :

BNA\_F

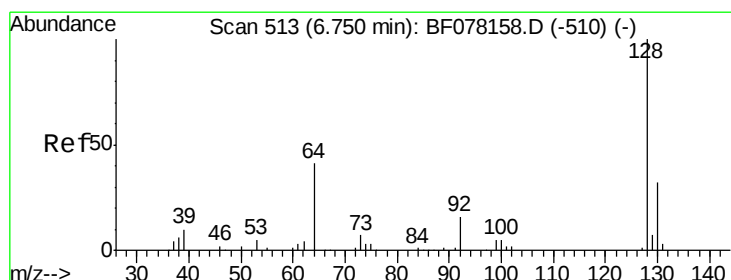
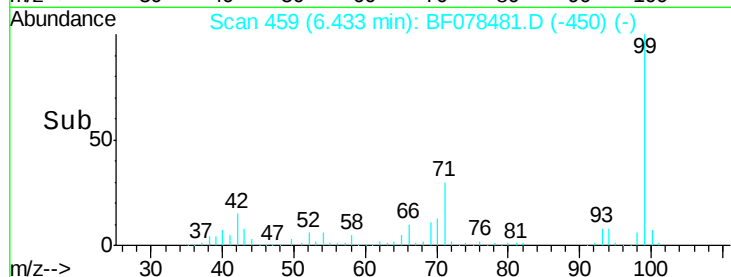
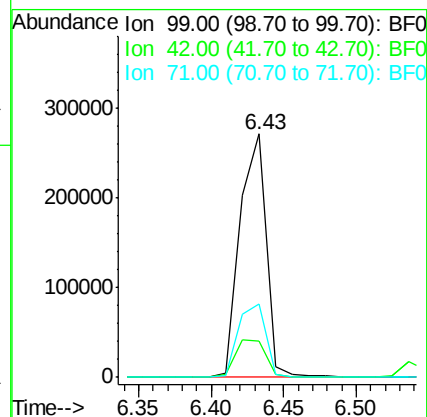
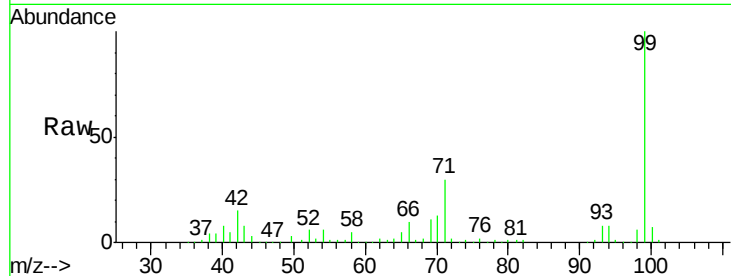
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 341670 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 14.9  | 14.8  | 22.2   |
| 71        | 30.1  | 26.6  | 39.8   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 39.72 ng

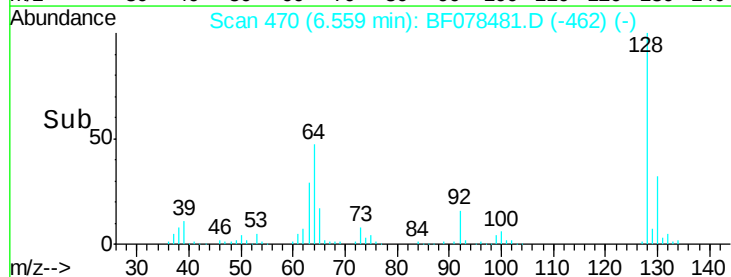
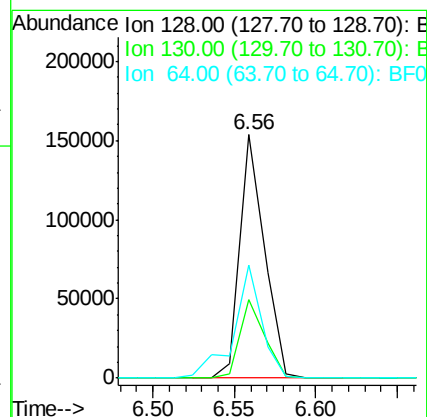
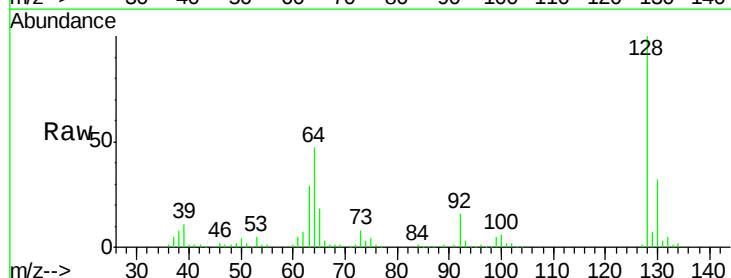
RT: 6.56 min Scan# 470

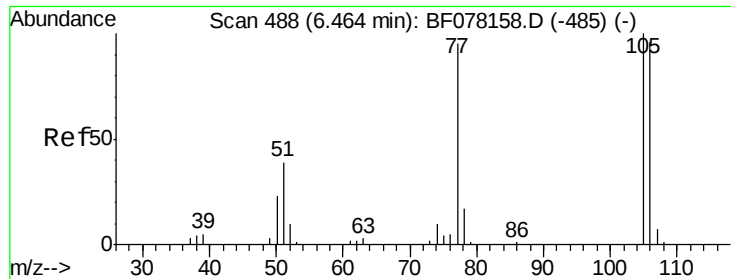
Delta R.T. -0.01 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 159115 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.2  | 12.3  | 52.3   |
| 64        | 46.5  | 23.8  | 63.8   |





#9

Benzaldehyde

Concen: 36.80 ng

RT: 6.27 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

Instrument :

BNA\_F

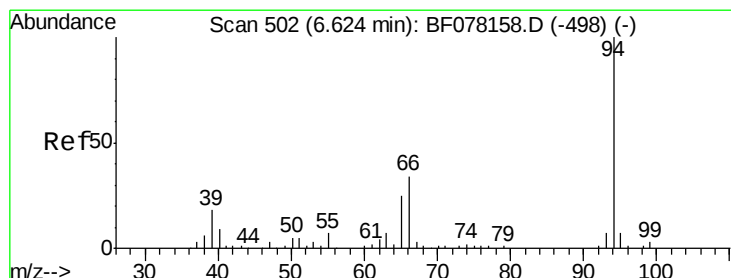
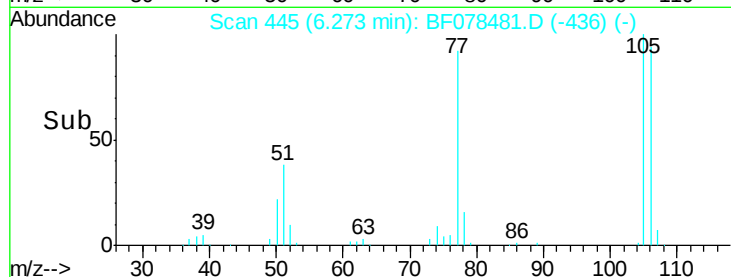
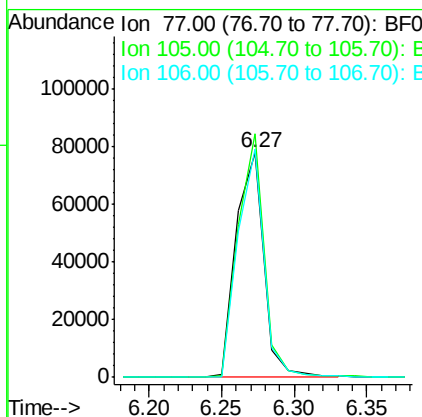
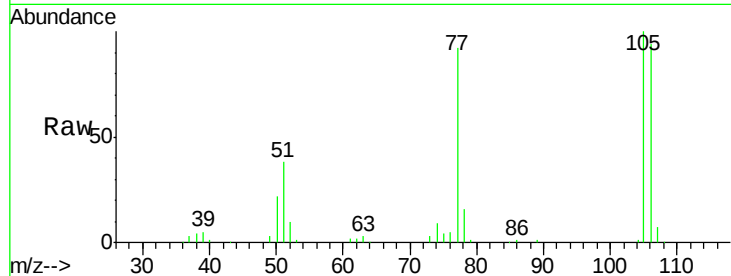
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 103544 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 108.5 | 85.4  | 125.4  |
| 106       | 101.5 | 80.8  | 120.8  |

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#10

Phenol

Concen: 39.43 ng

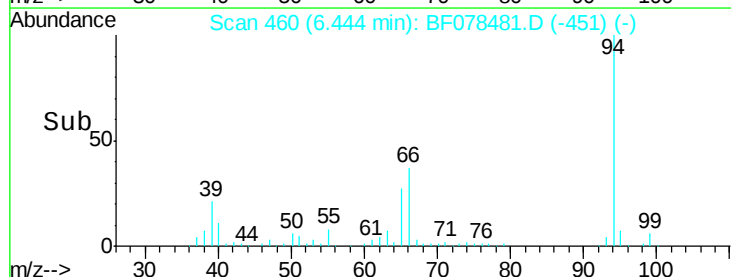
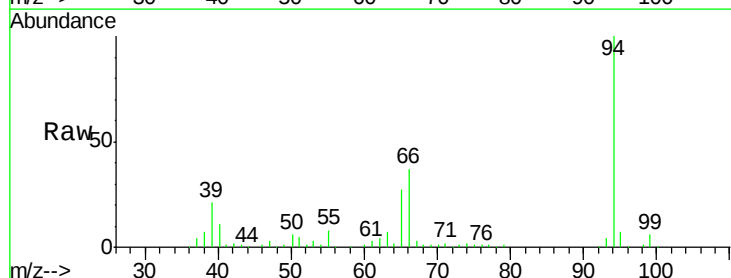
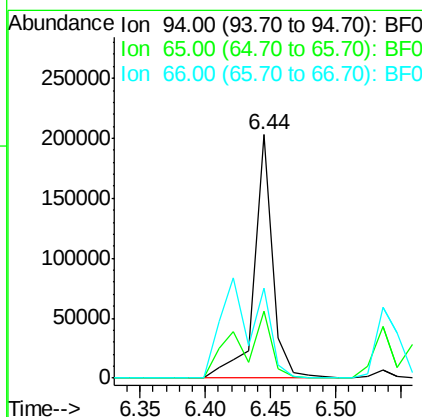
RT: 6.44 min Scan# 460

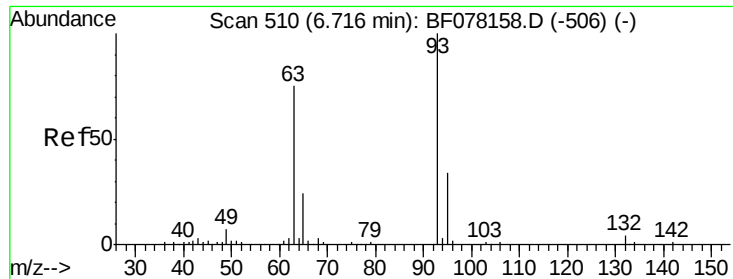
Delta R.T. 0.00 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 200577 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 27.4  | 4.9   | 44.9   |
| 66        | 36.9  | 13.8  | 53.8   |





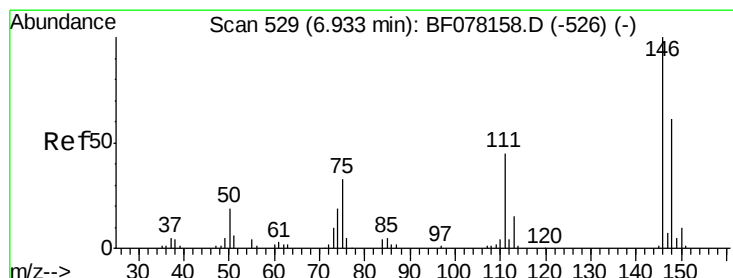
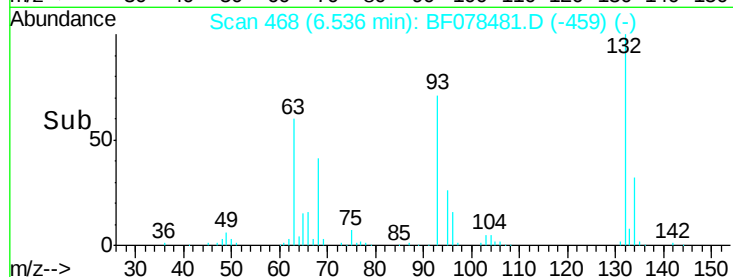
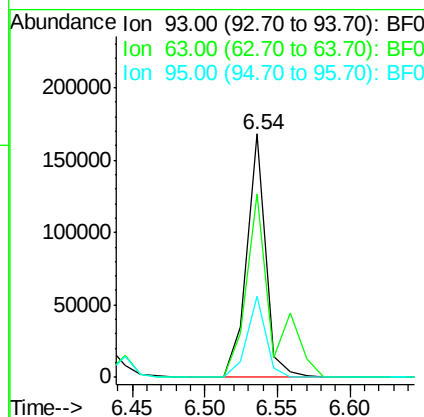
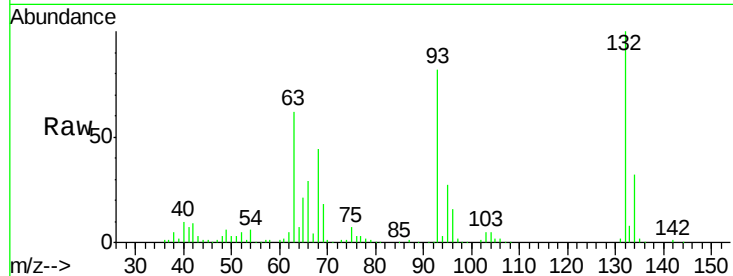
#11  
bis(2-Chloroethyl)ether  
Concen: 41.53 ng  
RT: 6.54 min Scan# 468  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 93      | 100   |            |            |
| 63      | 75.2  | 54.6       | 94.6       |
| 95      | 33.1  | 13.6       | 53.6       |

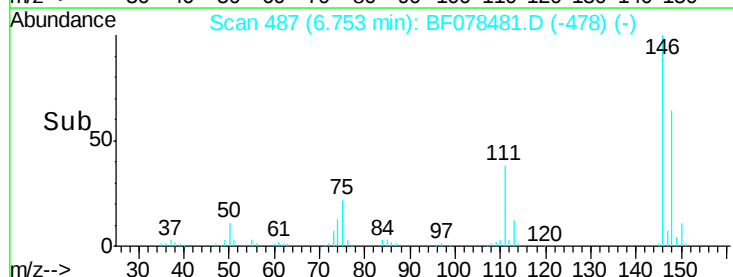
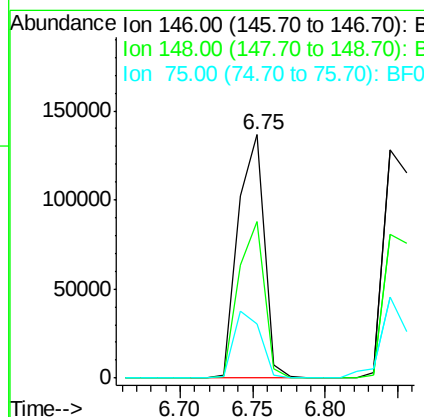
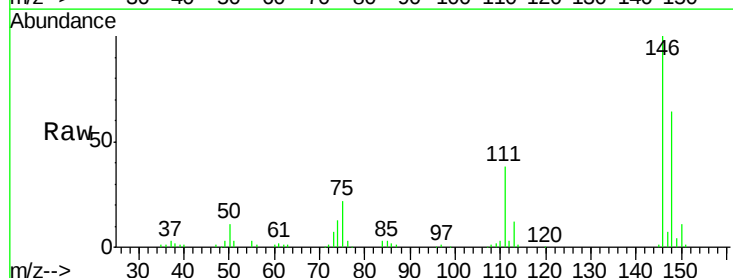
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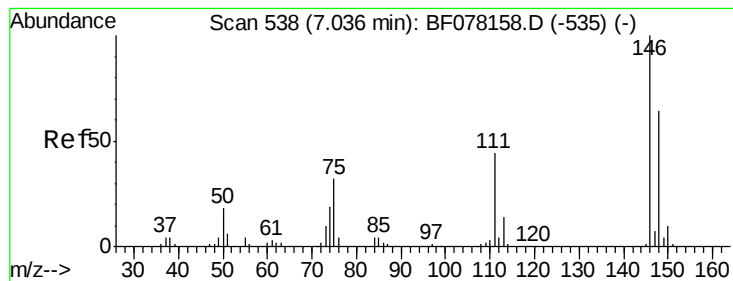
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#12  
1,3-Dichlorobenzene  
Concen: 38.87 ng  
RT: 6.75 min Scan# 487  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 146     | 100   |            |            |
| 148     | 64.3  | 49.1       | 73.7       |
| 75      | 22.3  | 26.6       | 40.0#      |





#13

1,4-Dichlorobenzene

Concen: 39.26 ng

RT: 6.84 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

Instrument :

BNA\_F

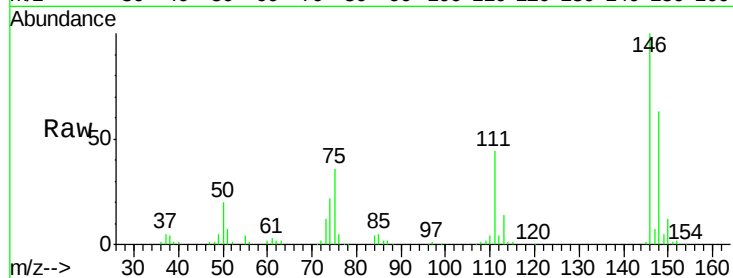
ClientSampleId :

SSTDCCC040

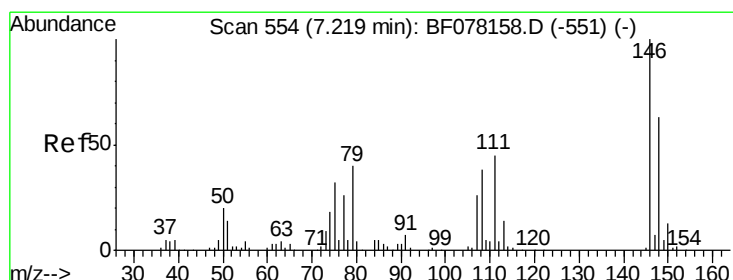
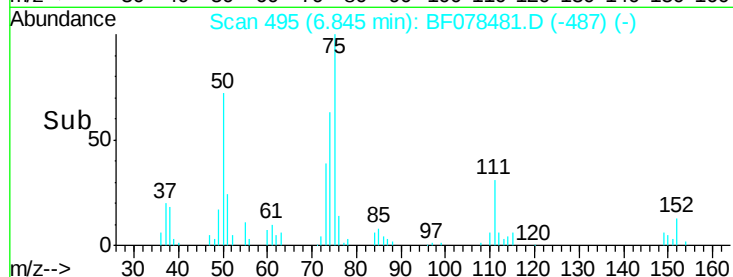
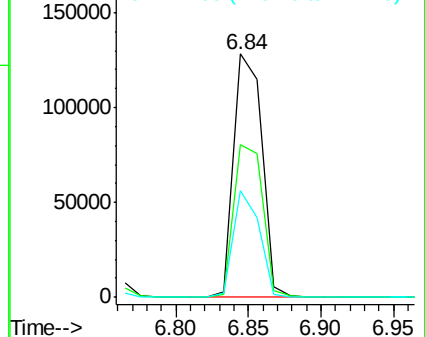
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 173888 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.7  | 51.4  | 77.0   |
| 111       | 43.9  | 35.0  | 52.4   |

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



#14

1,2-Dichlorobenzene

Concen: 37.82 ng

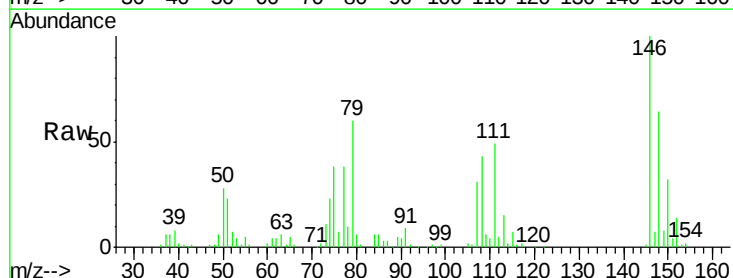
RT: 7.03 min Scan# 511

Delta R.T. -0.01 min

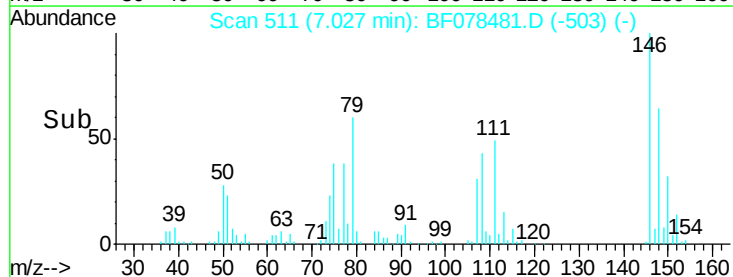
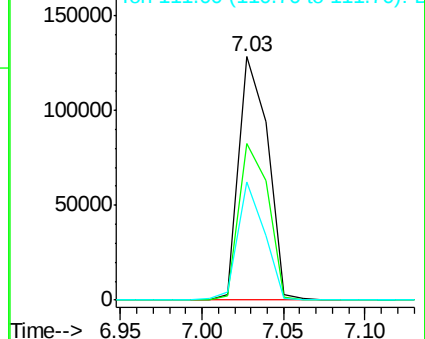
Lab File: BF078481.D

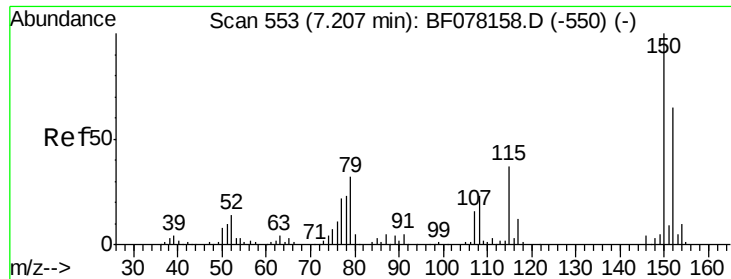
Acq: 14 Apr 2015 2:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 157077 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.1  | 50.2  | 75.4   |
| 111       | 48.7  | 36.1  | 54.1   |



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





#15

Benzyl Alcohol

Concen: 45.01 ng

RT: 7.04 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

Instrument :

BNA\_F

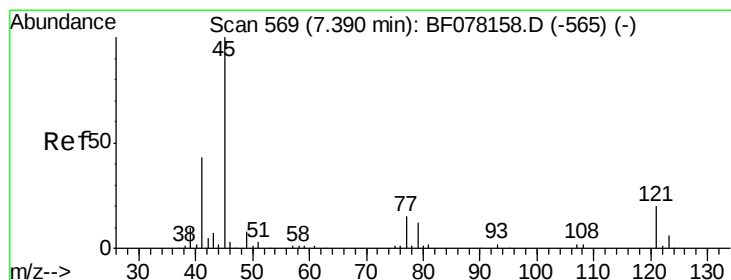
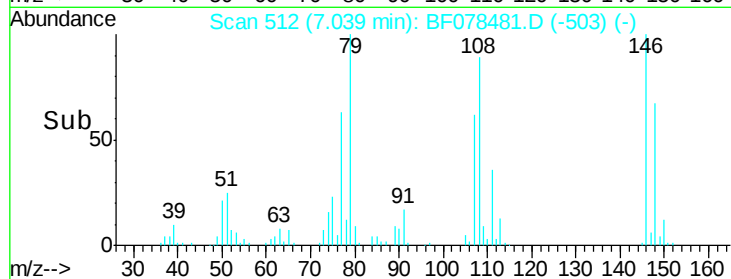
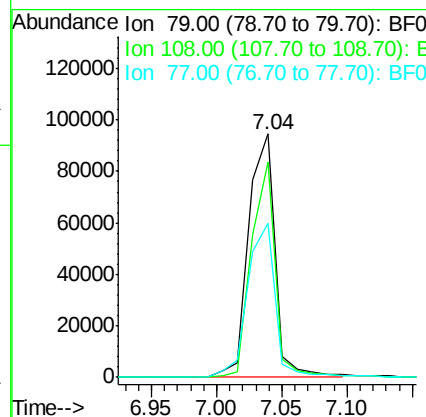
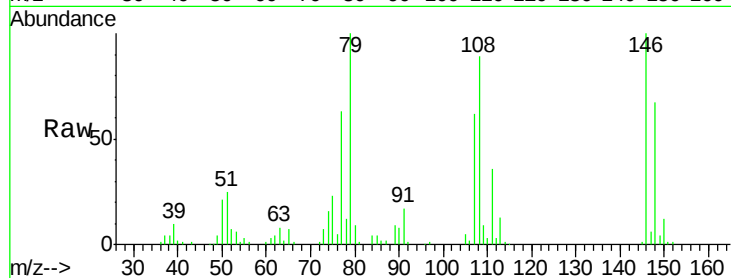
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 88.7  | 57.6  | 86.4# |
| 77      | 63.0  | 53.5  | 80.3  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.06 ng

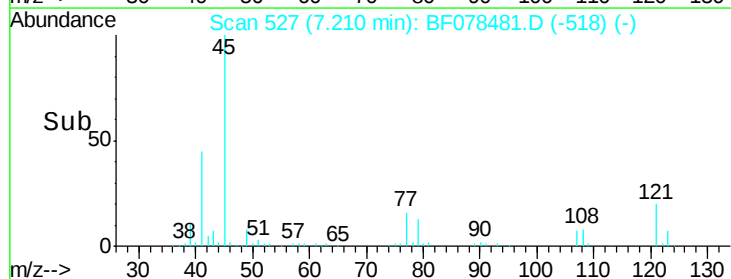
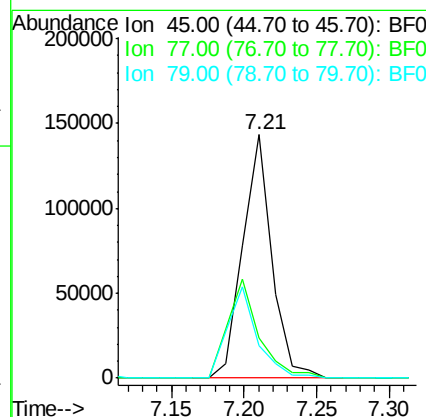
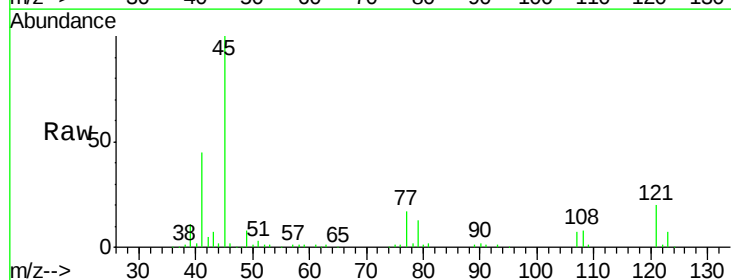
RT: 7.21 min Scan# 527

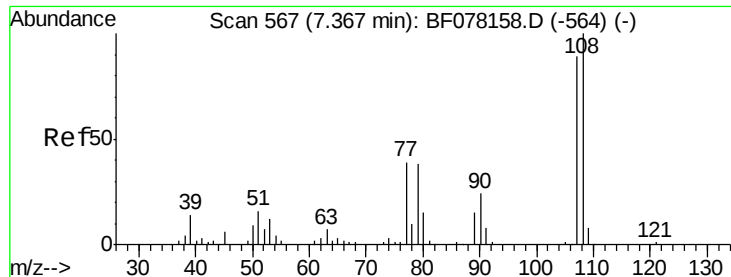
Delta R.T. 0.00 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 16.6  | 0.0   | 34.5  |
| 79      | 13.5  | 0.0   | 31.9  |





#17

2-Methylphenol

Concen: 41.35 ng

RT: 7.20 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF078481.D

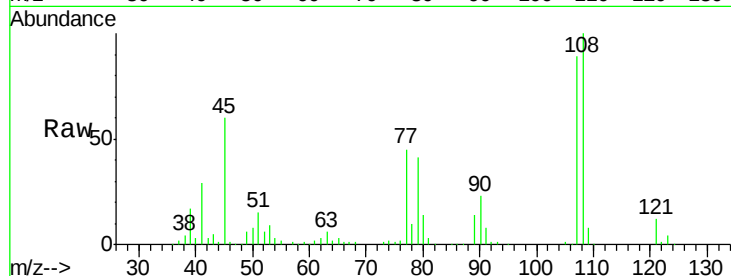
Acq: 14 Apr 2015 2:46

Instrument :

BNA\_F

ClientSampleId :

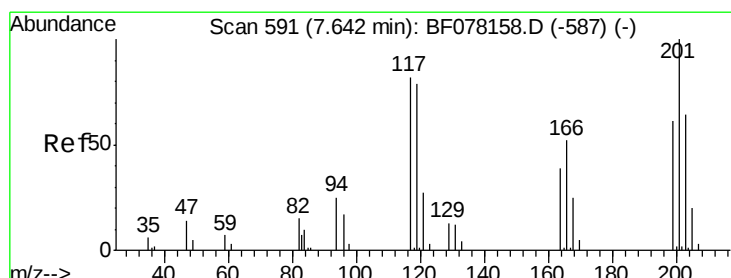
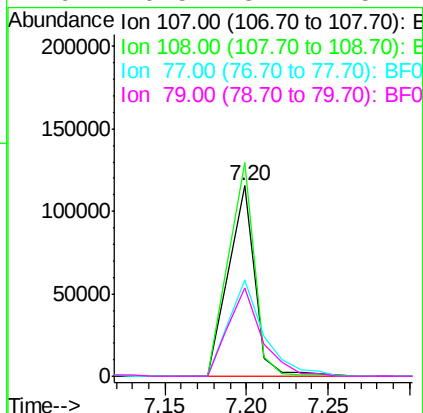
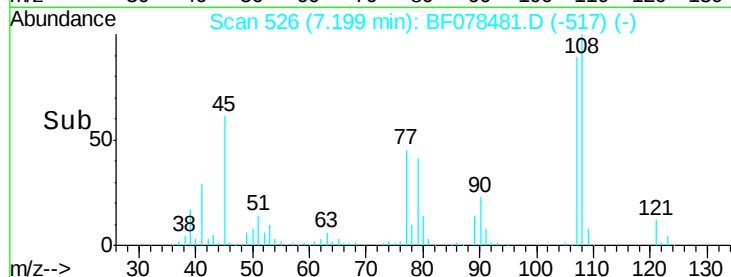
SSTDCCC040



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 128615 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 112.3 | 90.3  | 135.5  |
| 77        | 50.5  | 35.5  | 53.3   |
| 79        | 46.5  | 34.2  | 51.4   |

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#18

Hexachloroethane

Concen: 40.79 ng

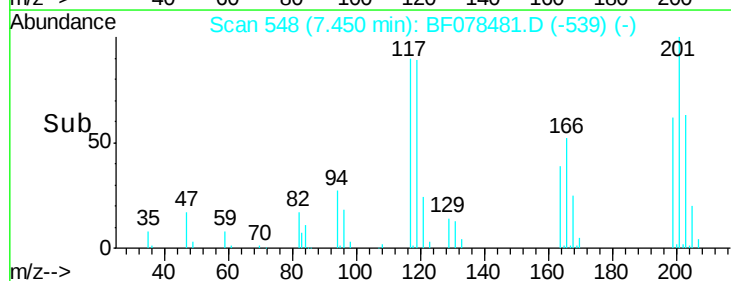
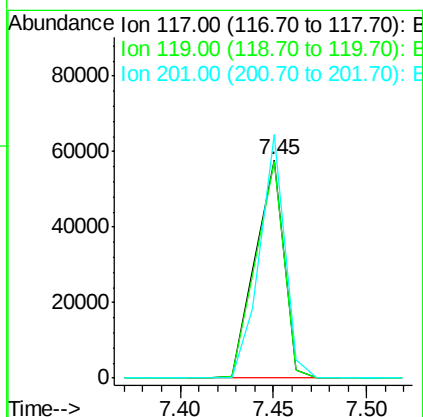
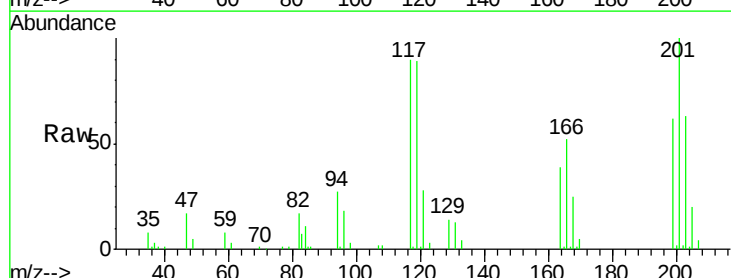
RT: 7.45 min Scan# 548

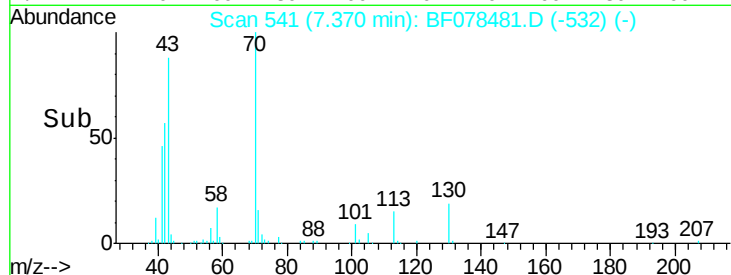
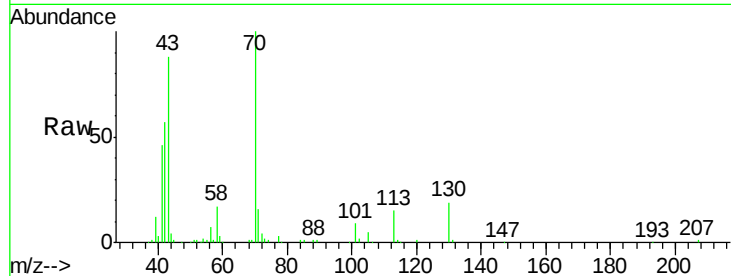
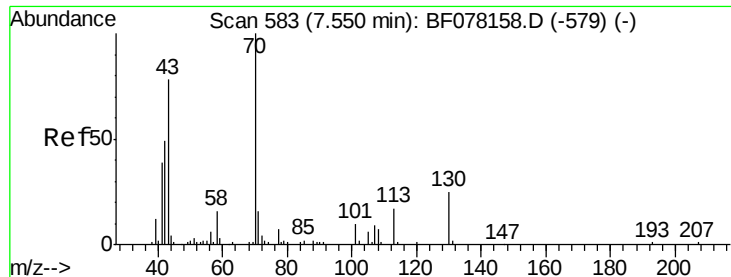
Delta R.T. 0.00 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 60933 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 99.7  | 77.0  | 115.6 |
| 201       | 111.6 | 98.1  | 147.1 |





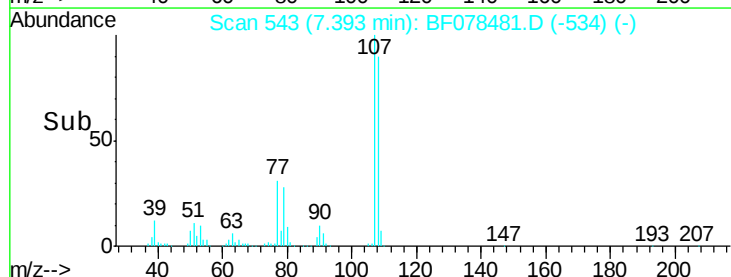
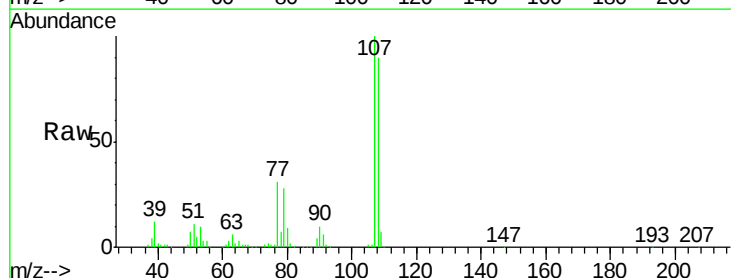
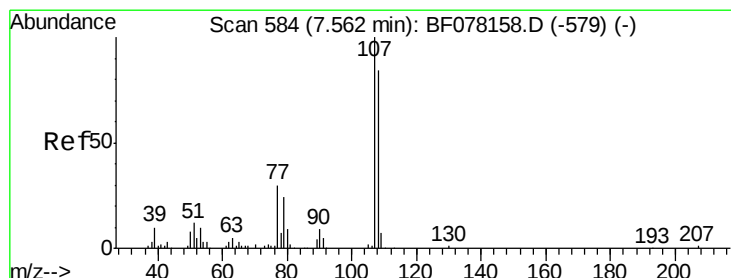
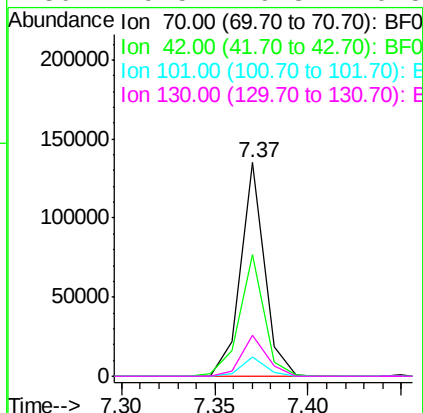
#19  
n-Nitroso-di-n-propylamine  
Concen: 43.20 ng  
RT: 7.37 min Scan# 541  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

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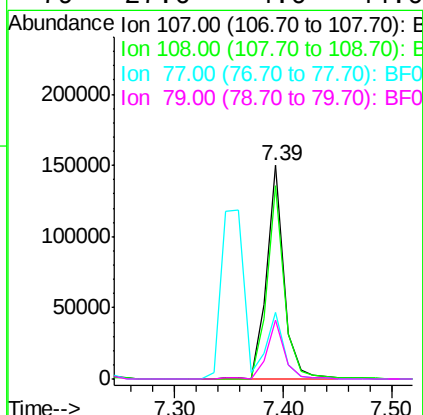
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 56.9  | 38.9  | 58.3  |
| 101     | 9.2   | 8.3   | 12.5  |
| 130     | 19.5  | 19.8  | 29.8# |



#20  
3+4-Methylphenols  
Concen: 40.88 ng  
RT: 7.39 min Scan# 543  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 90.2  | 64.4  | 104.4 |
| 77      | 31.5  | 9.7   | 49.7  |
| 79      | 27.6  | 4.0   | 44.0  |





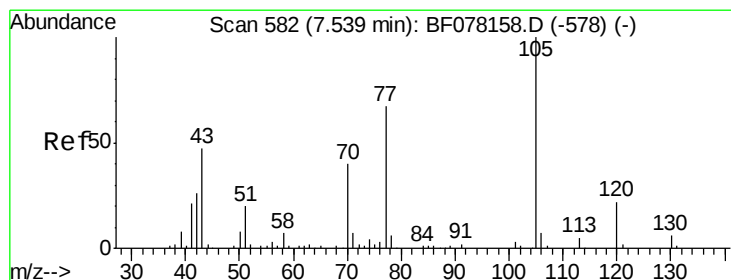
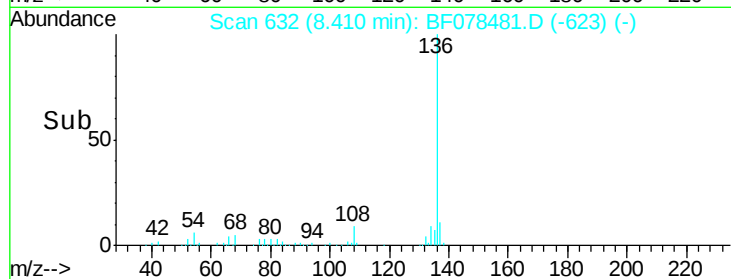
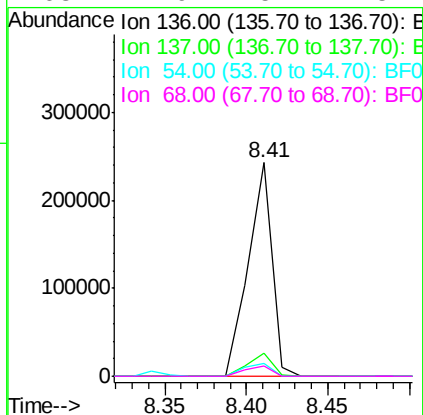
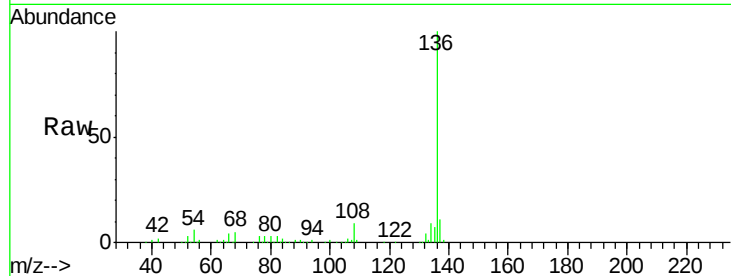
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.41 min Scan# 632  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 245084 |       |       |
| 137     | 10.9  | 9.0    | 13.4  |       |
| 54      | 5.8   | 7.0    | 10.6  |       |
| 68      | 4.9   | 5.4    | 8.2   |       |

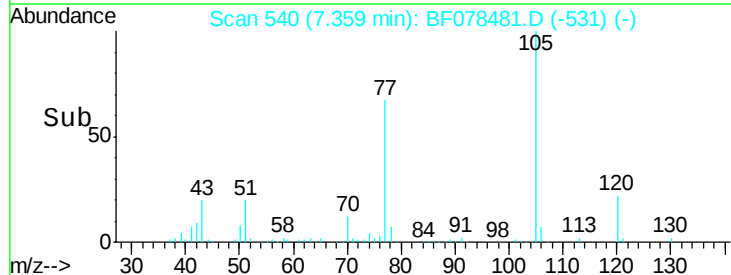
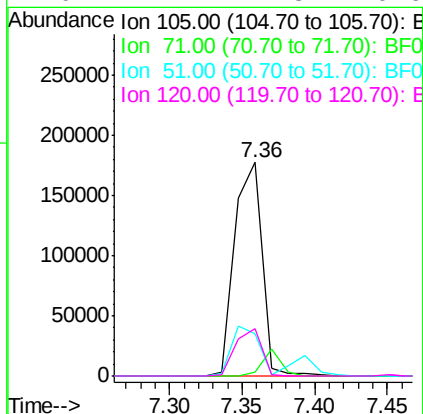
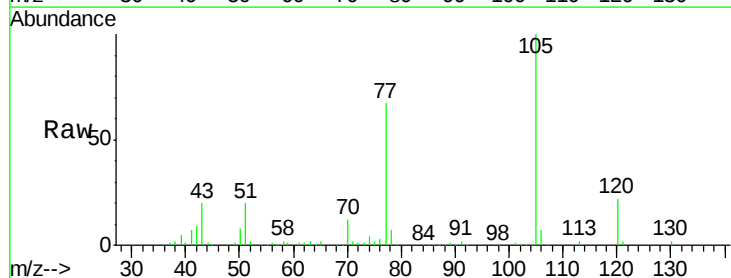
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#22  
Acetophenone  
Concen: 40.95 ng  
RT: 7.36 min Scan# 540  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 233826 |       |       |
| 71      | 2.0   | 5.5    | 8.3   |       |
| 51      | 19.8  | 16.0   | 24.0  |       |
| 120     | 22.2  | 17.8   | 26.6  |       |





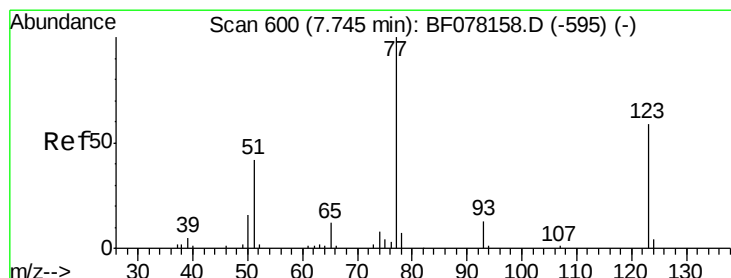
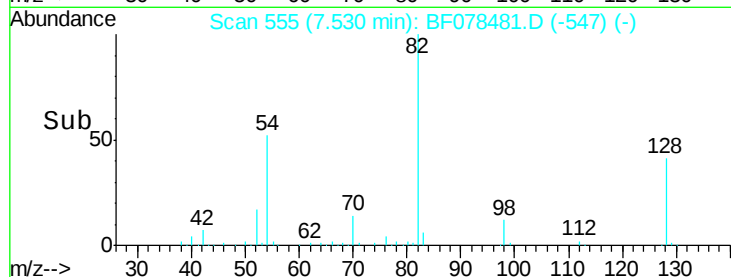
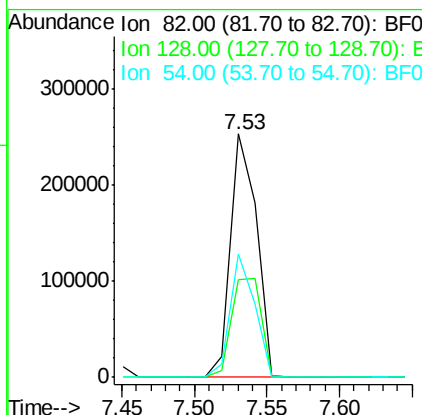
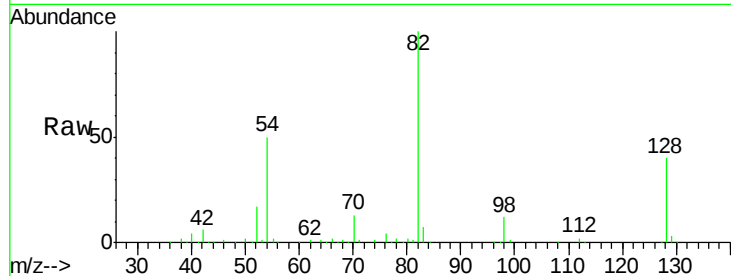
#23  
 Nitrobenzene-d5  
 Concen: 78.06 ng  
 RT: 7.53 min Scan# 555  
 Delta R.T. -0.01 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 128     | 40.2  | 31.8       | 47.8  |
| 54      | 50.4  | 41.5       | 62.3  |

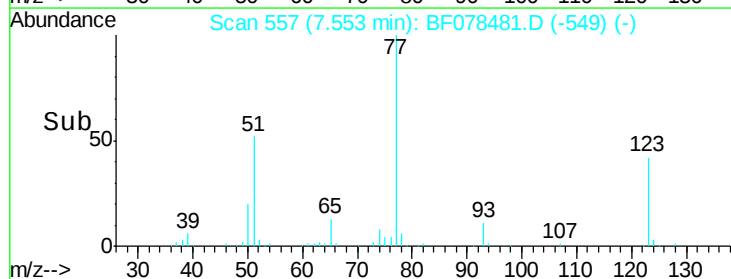
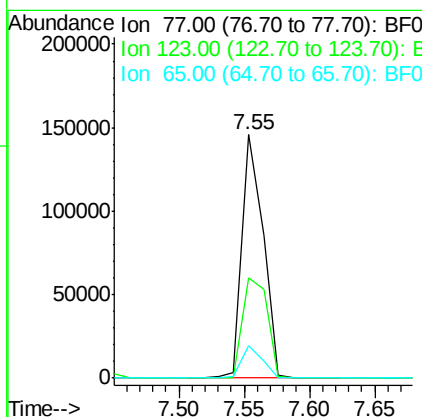
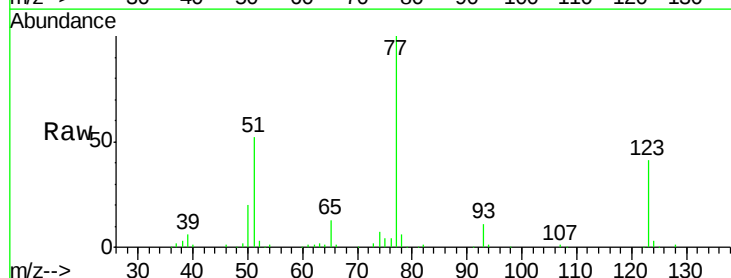
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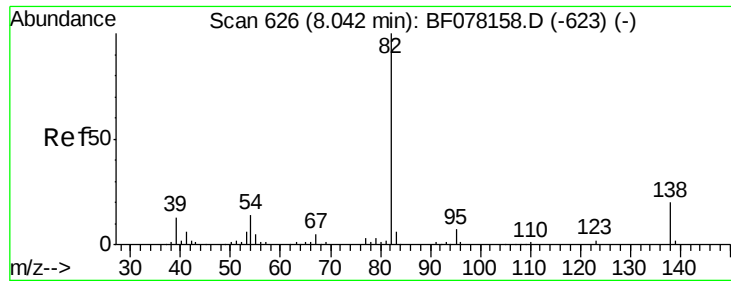
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#24  
 Nitrobenzene  
 Concen: 38.81 ng  
 RT: 7.55 min Scan# 557  
 Delta R.T. -0.01 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 77      | 100   |            |       |
| 123     | 41.4  | 46.9       | 70.3# |
| 65      | 13.1  | 9.5        | 14.3  |





#25

Isophorone

Concen: 43.14 ng

RT: 7.86 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

Instrument :

BNA\_F

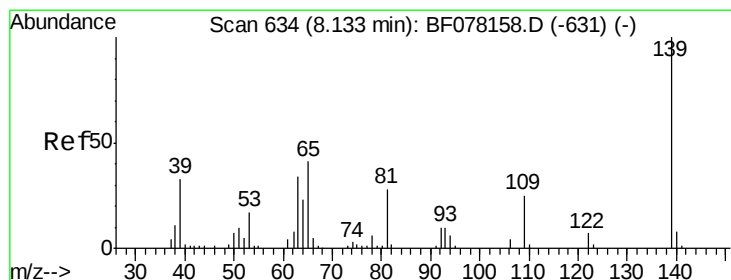
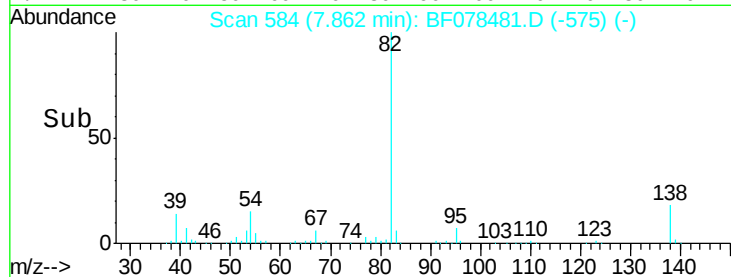
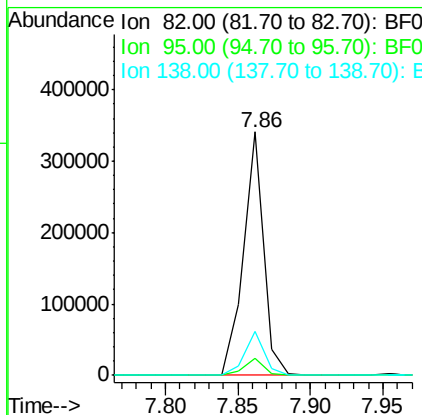
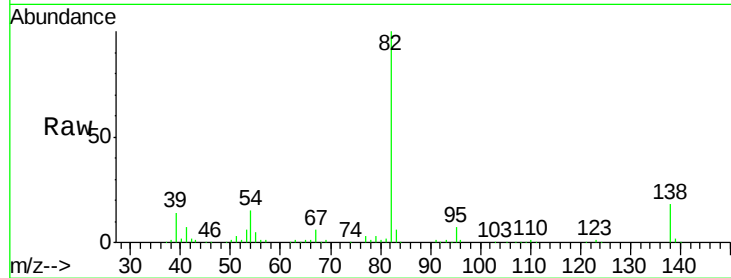
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 331042 |       |       |
| 95      | 7.0   | 5.7    | 8.5   |       |
| 138     | 18.1  | 15.8   | 23.8  |       |

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#26

2-Nitrophenol

Concen: 42.06 ng

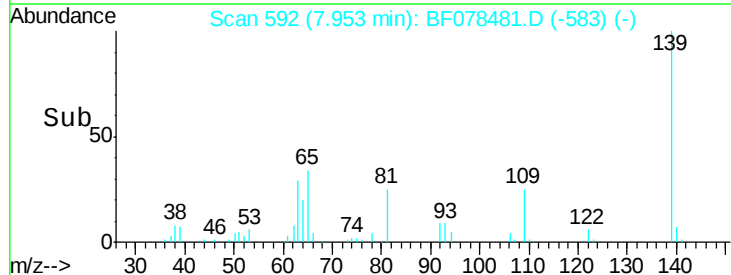
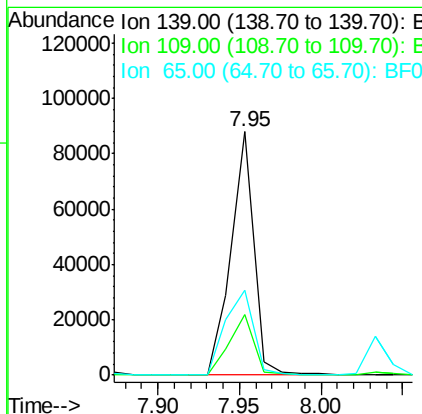
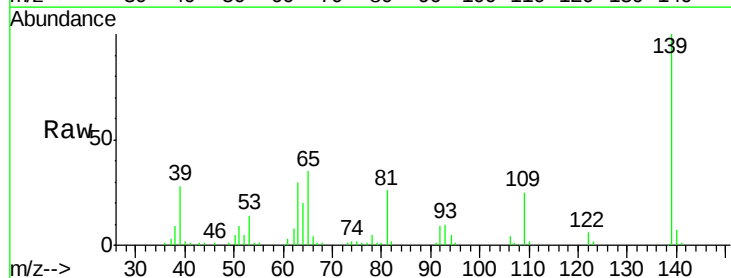
RT: 7.95 min Scan# 592

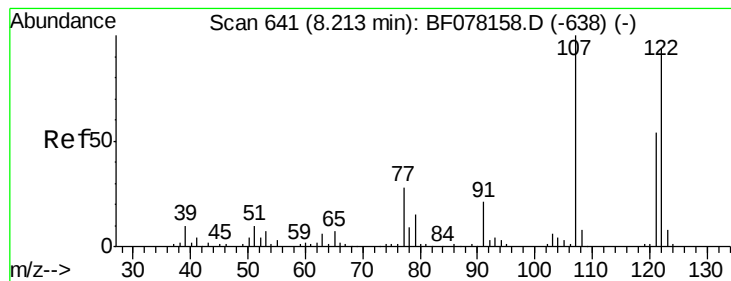
Delta R.T. 0.00 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 84722 |       |       |
| 109     | 25.1  | 19.8  | 29.8  |       |
| 65      | 34.9  | 32.7  | 49.1  |       |





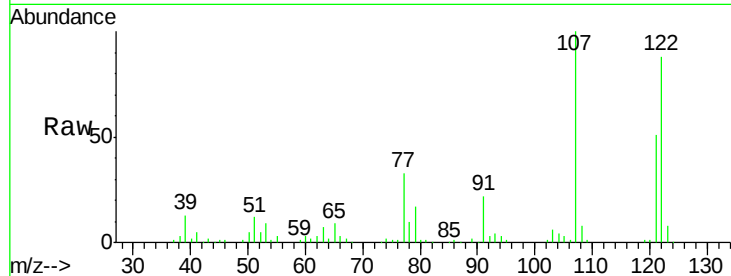
#27  
 2,4-Dimethylphenol  
 Concen: 36.84 ng  
 RT: 8.03 min Scan# 599  
 Delta R.T. -0.01 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

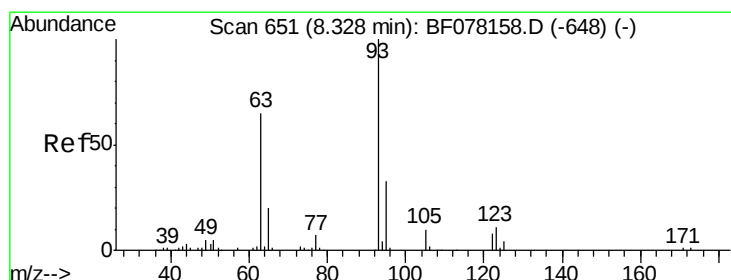
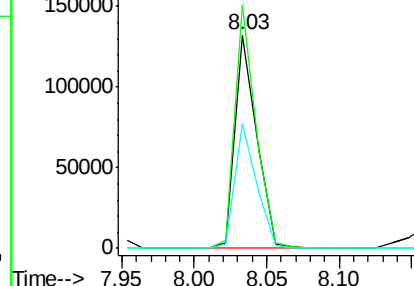
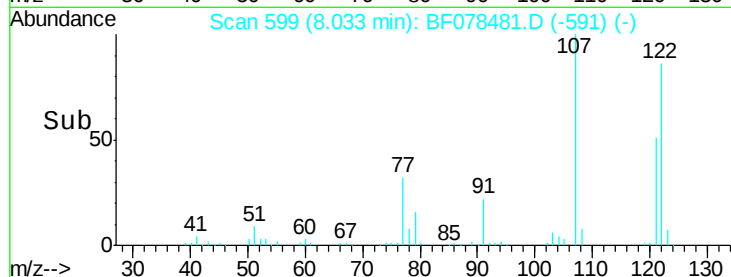
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 138000 |       |       |
| 107     | 114.1 | 84.6   | 127.0 |       |
| 121     | 58.5  | 46.0   | 69.0  |       |

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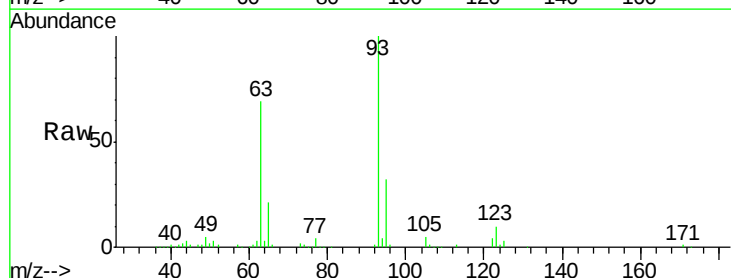


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

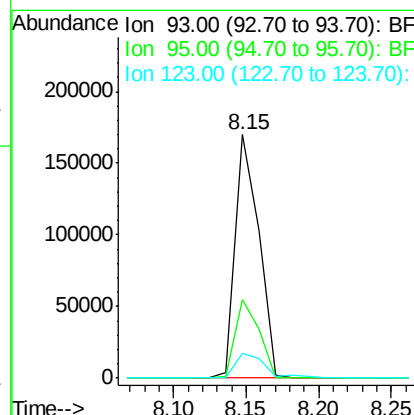
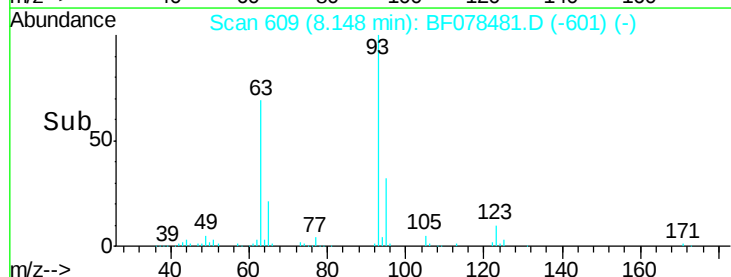


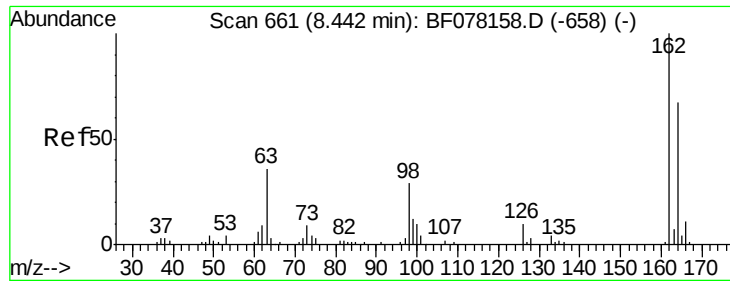
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.02 ng  
 RT: 8.15 min Scan# 609  
 Delta R.T. -0.01 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 191998 |       |       |
| 95      | 32.0  | 26.3   | 39.5  |       |
| 123     | 10.1  | 9.1    | 13.7  |       |



Abundance Ion 93.00 (92.70 to 93.70): BF0  
 Ion 95.00 (94.70 to 95.70): BF0  
 Ion 123.00 (122.70 to 123.70): E





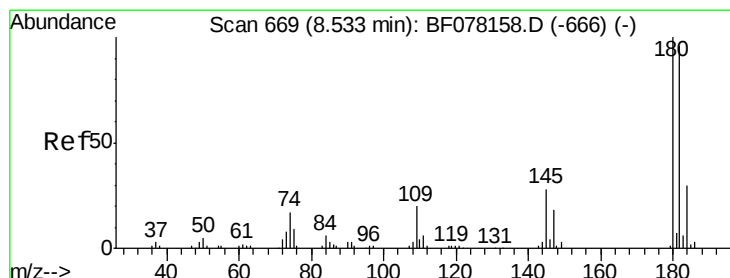
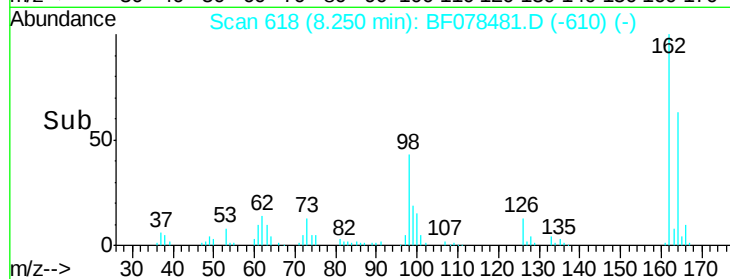
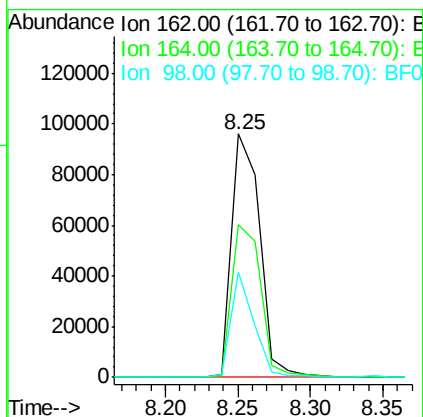
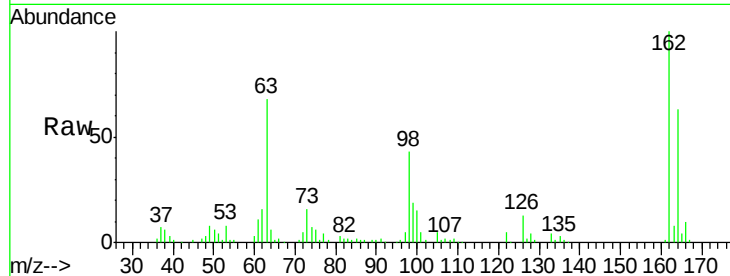
#29  
 2,4-Dichlorophenol  
 Concen: 38.20 ng  
 RT: 8.25 min Scan# 618  
 Delta R.T. -0.01 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 130177 |       |       |
| 164     | 62.7  | 47.0   | 87.0  |       |
| 98      | 43.5  | 9.2    | 49.2  |       |

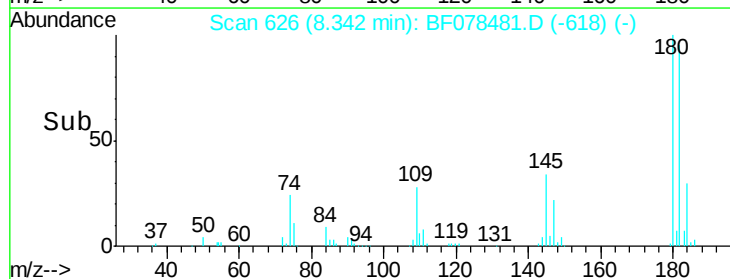
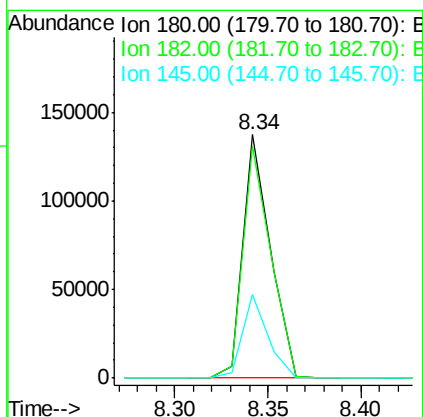
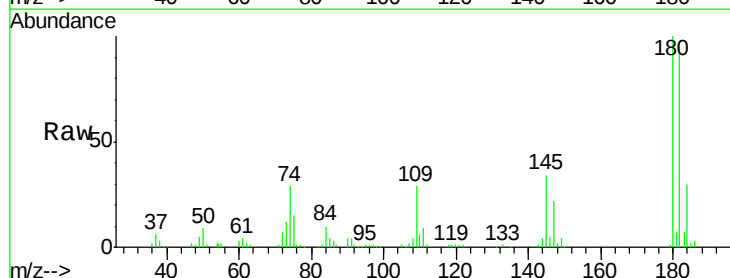
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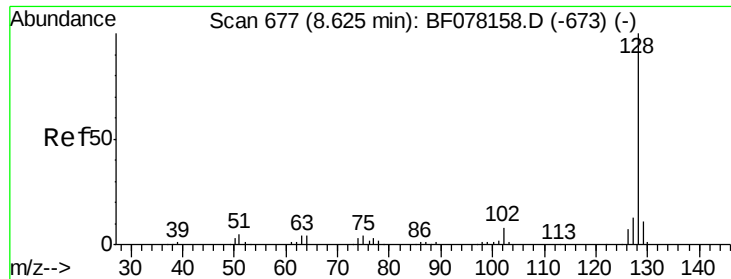
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 35.93 ng  
 RT: 8.34 min Scan# 626  
 Delta R.T. -0.01 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 140366 |       |       |
| 182     | 95.4  | 76.9   | 115.3 |       |
| 145     | 34.2  | 22.5   | 33.7# |       |





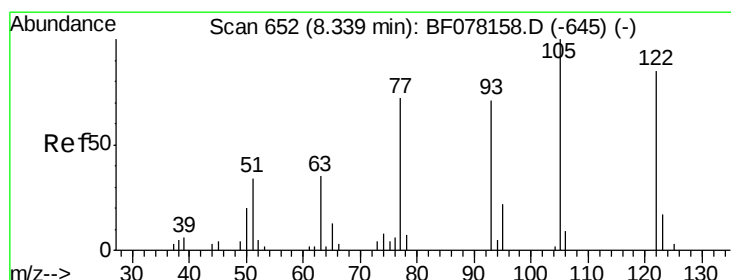
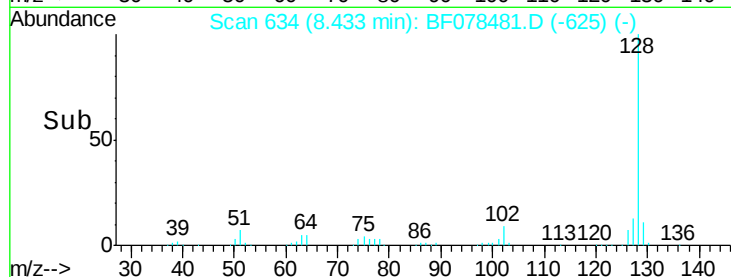
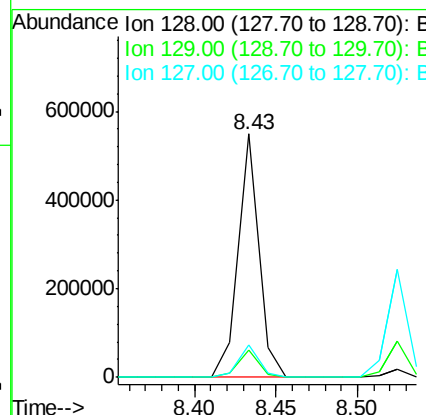
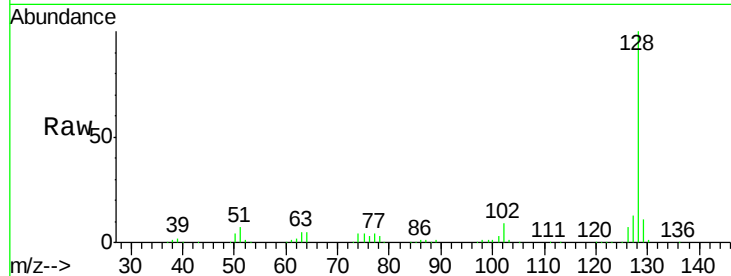
#31  
Naphthalene  
Concen: 37.47 ng  
RT: 8.43 min Scan# 634  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 128     | 100   |            |            |
| 129     | 11.3  | 8.6        | 12.8       |
| 127     | 13.2  | 10.7       | 16.1       |

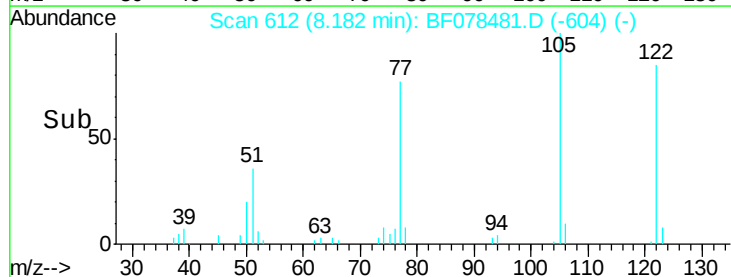
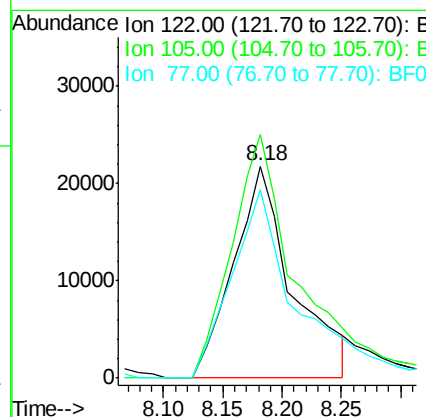
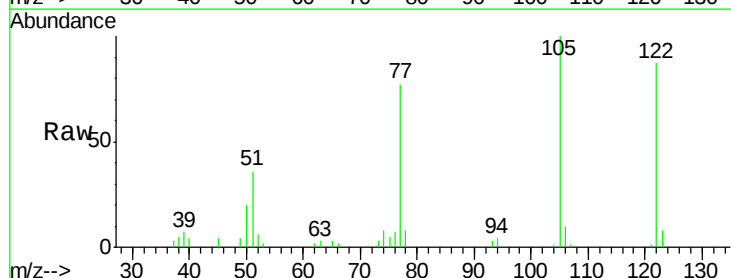
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#32  
Benzoic acid  
Concen: 43.19 ng  
RT: 8.18 min Scan# 612  
Delta R.T. -0.01 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 122     | 100   |            |            |
| 105     | 115.0 | 96.1       | 136.1      |
| 77      | 89.0  | 64.1       | 104.1      |





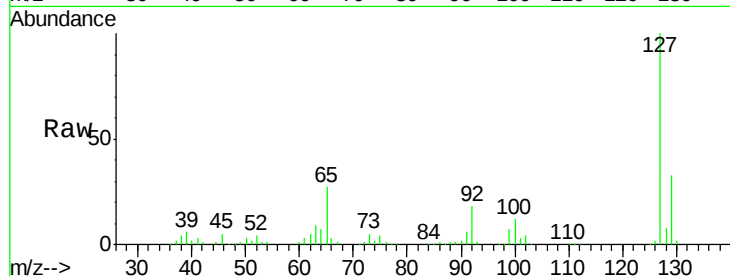
#33  
4-Chloroaniline  
Concen: 40.45 ng  
RT: 8.52 min Scan# 642  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

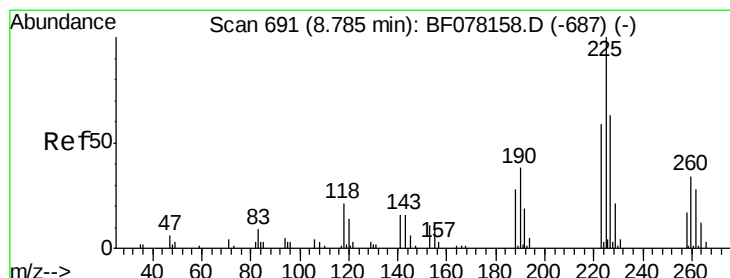
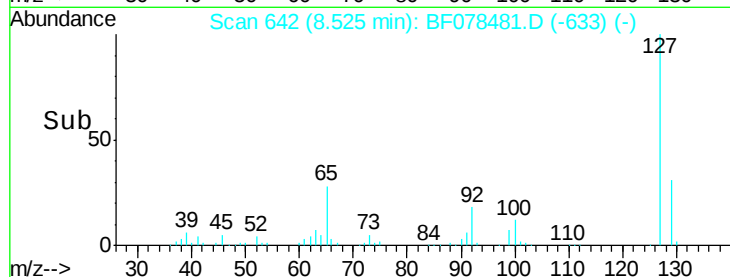
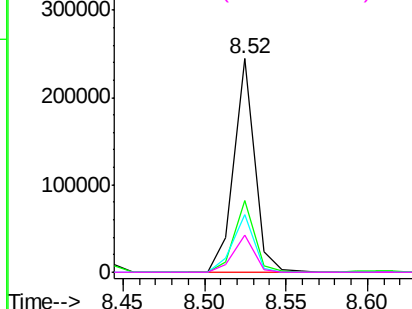
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 214106 |       |       |
| 129     | 33.3  | 25.5   | 38.3  |       |
| 65      | 27.1  | 21.7   | 32.5  |       |
| 92      | 17.6  | 14.6   | 21.8  |       |

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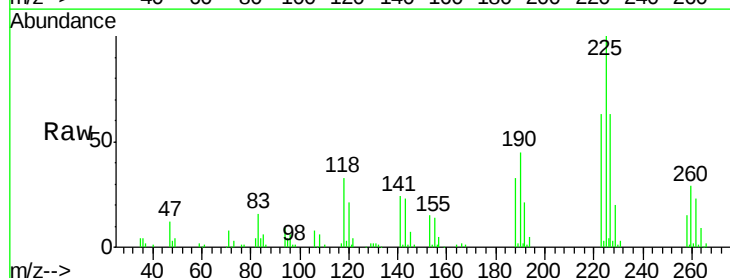


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

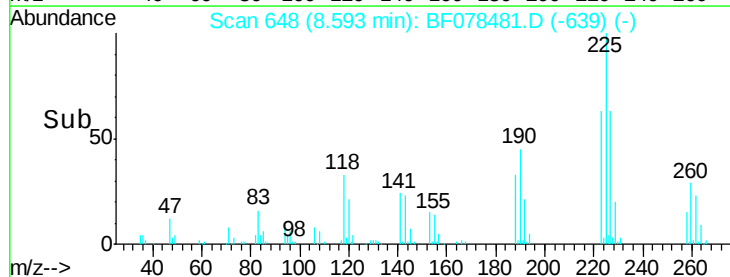
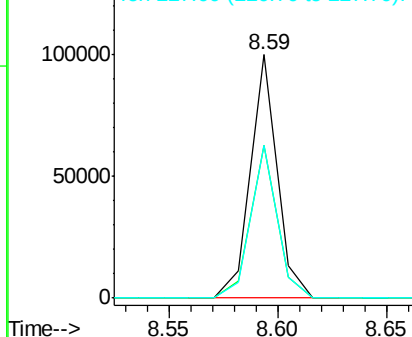


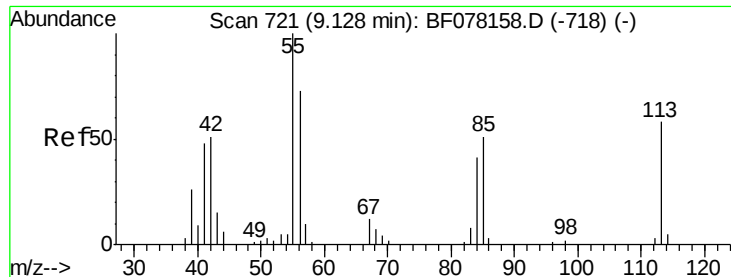
#34  
Hexachlorobutadiene  
Concen: 39.93 ng  
RT: 8.59 min Scan# 648  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 85671 |       |       |
| 223     | 62.7  | 47.5  | 71.3  |       |
| 227     | 62.6  | 50.2  | 75.2  |       |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





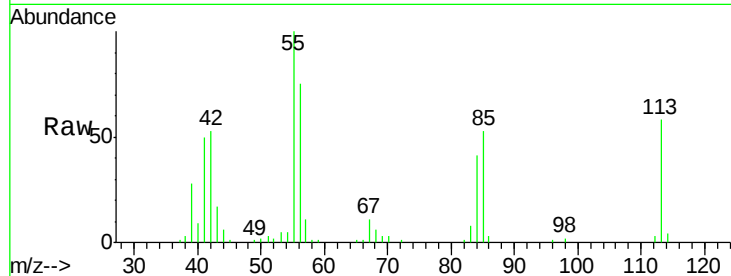
#35  
 Caprolactam  
 Concen: 43.18 ng  
 RT: 8.97 min Scan# 681  
 Delta R.T. 0.00 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

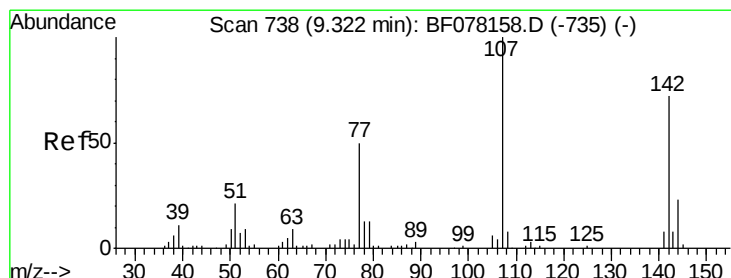
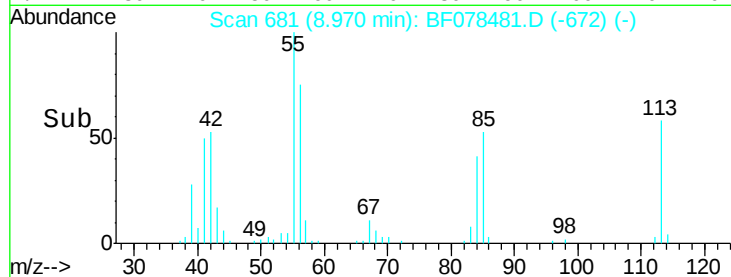
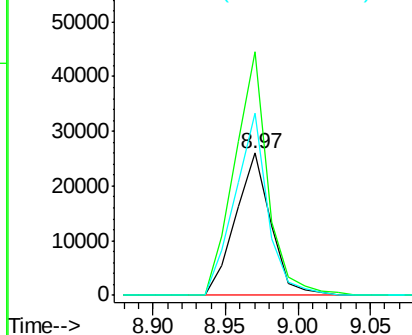
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 43919 |       |       |
| 55      | 171.3 | 151.9 | 191.9 |       |
| 56      | 127.7 | 106.1 | 146.1 |       |

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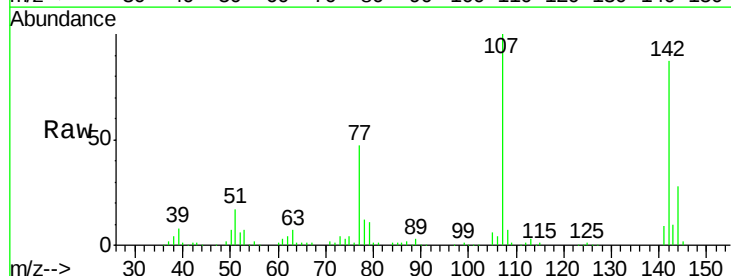


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

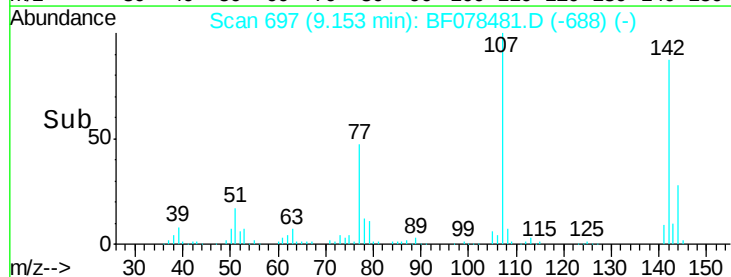
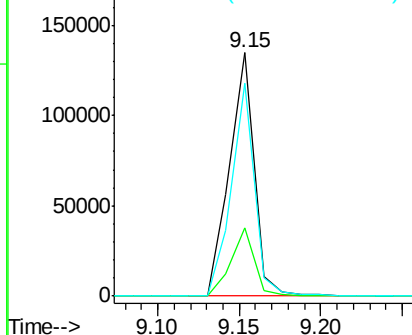


#36  
 4-Chloro-3-methylphenol  
 Concen: 41.15 ng  
 RT: 9.15 min Scan# 697  
 Delta R.T. 0.00 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 141492 |       |       |
| 144     | 28.1  | 18.2   | 27.2# |       |
| 142     | 87.4  | 58.0   | 87.0# |       |



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E





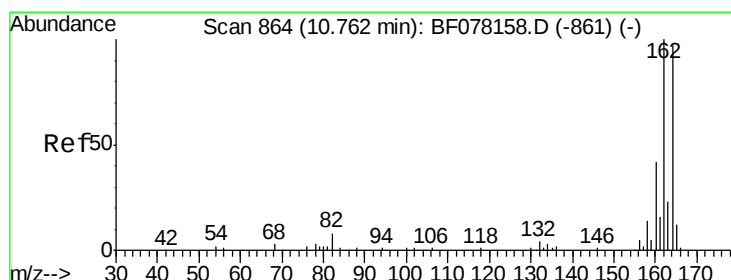
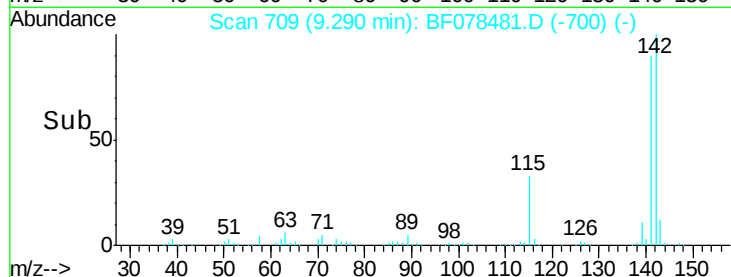
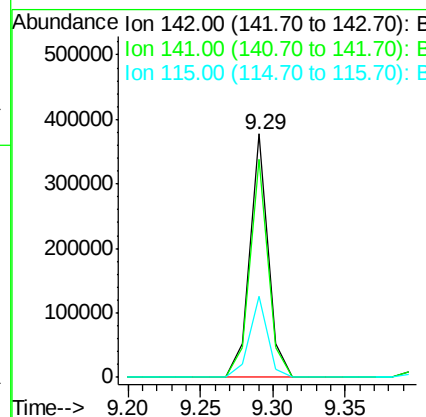
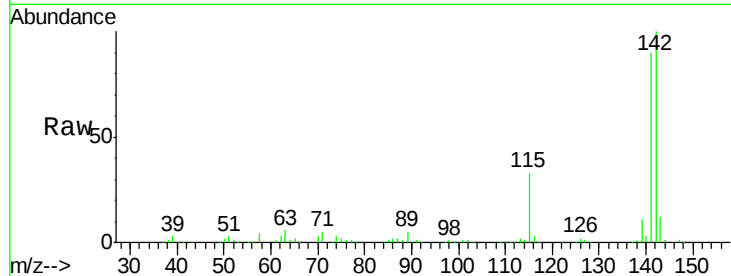
#37  
 2-Methylnaphthalene  
 Concen: 38.36 ng  
 RT: 9.29 min Scan# 709  
 Delta R.T. 0.00 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 332257 |       |       |
| 141     | 89.6  | 70.3   | 105.5 |       |
| 115     | 33.1  | 24.6   | 37.0  |       |

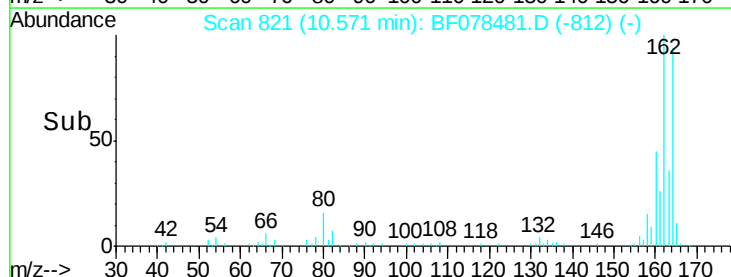
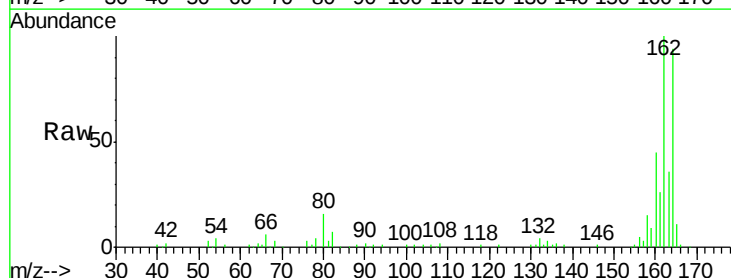
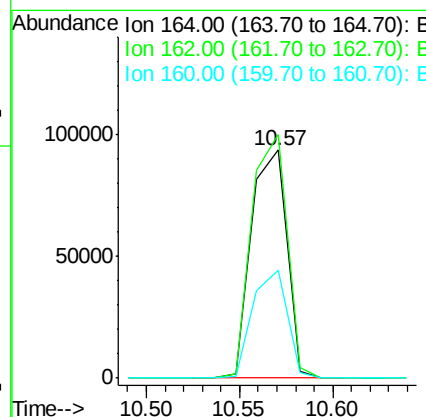
Manual Integrations  
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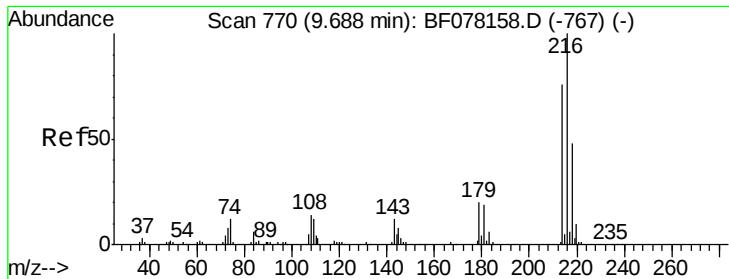
apatel  
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.57 min Scan# 821  
 Delta R.T. 0.00 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 123449 |       |       |
| 162     | 106.7 | 82.2   | 123.2 |       |
| 160     | 47.6  | 34.7   | 52.1  |       |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.94 ng

RT: 9.50 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF078481.D

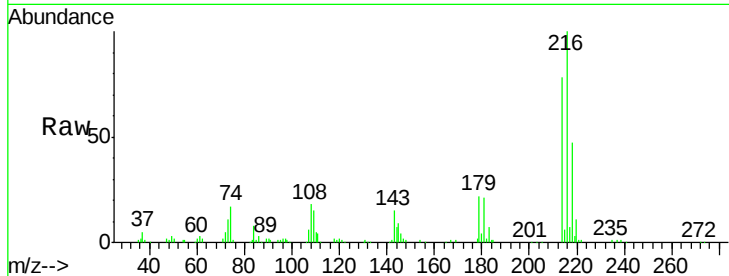
Acq: 14 Apr 2015 2:46

Instrument :

BNA\_F

ClientSampleId :

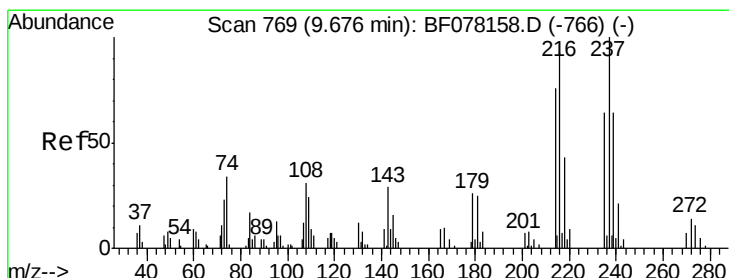
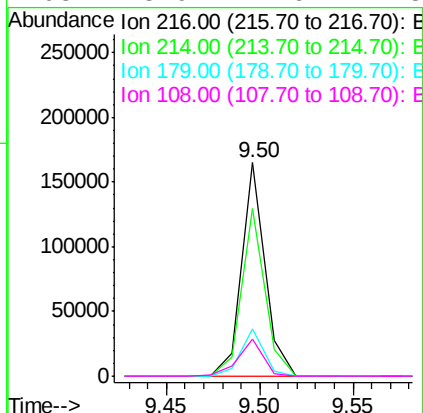
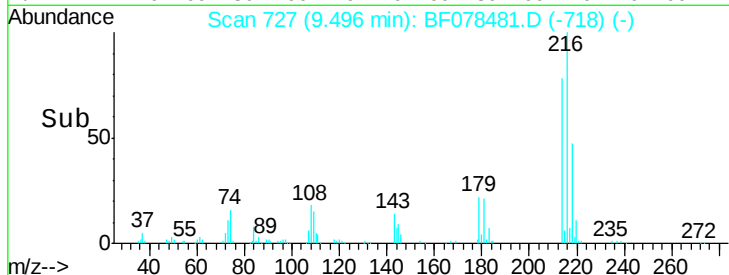
SSTDCCC040



| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 145125 |       |       |
| 214     | 78.1 | 62.0  | 93.0   |       |       |
| 179     | 21.9 | 17.3  | 25.9   |       |       |
| 108     | 18.9 | 14.6  | 21.8   |       |       |

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#40

Hexachlorocyclopentadiene

Concen: 38.65 ng

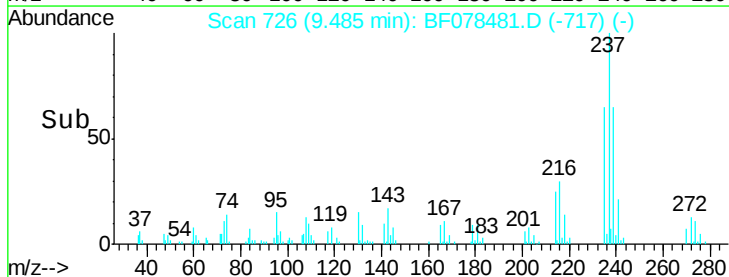
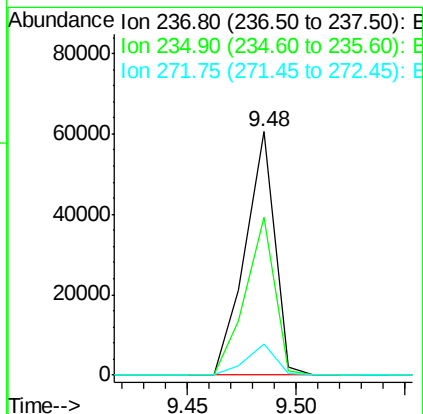
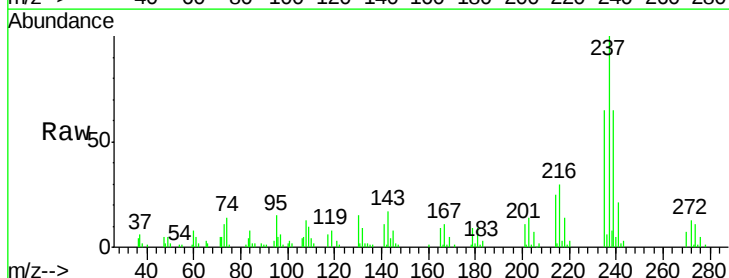
RT: 9.48 min Scan# 726

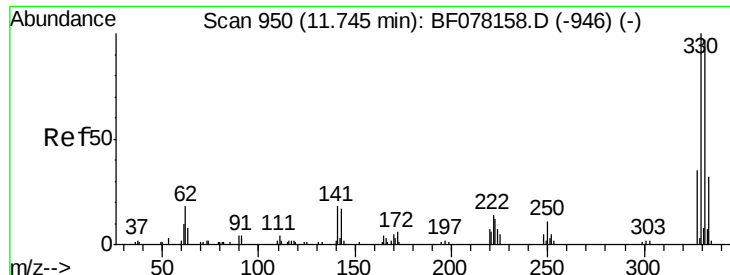
Delta R.T. 0.00 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 237     | 100  |       | 57304 |       |       |
| 235     | 64.8 | 44.1  | 84.1  |       |       |
| 272     | 12.6 | 0.0   | 34.4  |       |       |





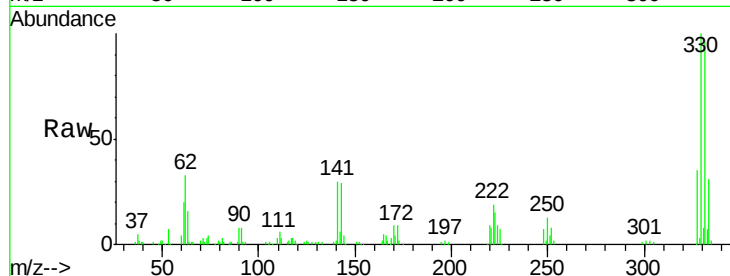
#41  
 2,4,6-Tribromophenol  
 Concen: 89.75 ng  
 RT: 11.54 min Scan# 906  
 Delta R.T. 0.00 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

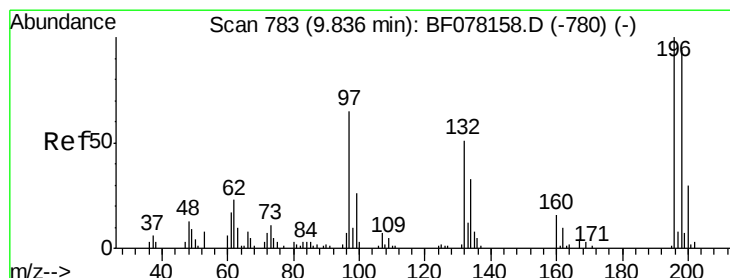
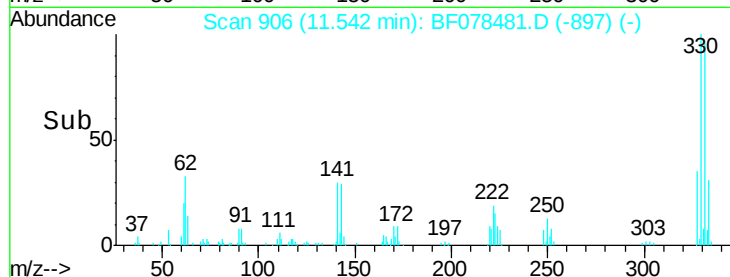
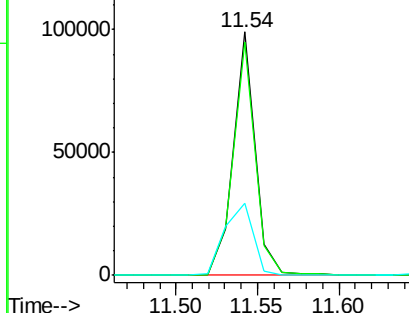
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 91891 |       |       |
| 332     | 96.7  | 78.6  | 117.8 |       |
| 141     | 38.7  | 31.2  | 46.8  |       |

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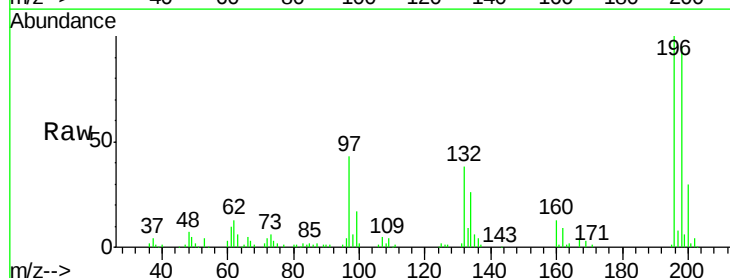


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

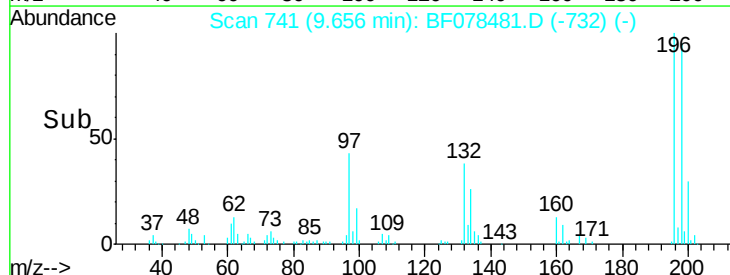
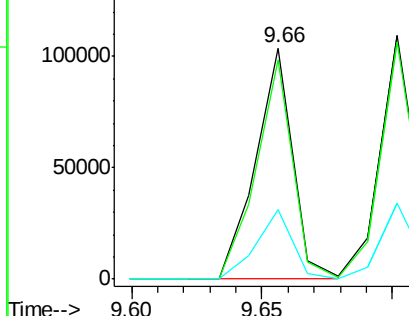


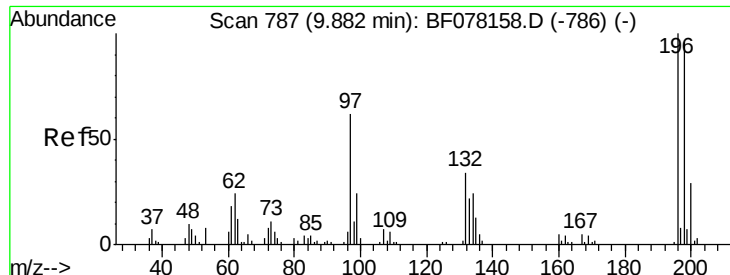
#42  
 2,4,6-Trichlorophenol  
 Concen: 42.89 ng  
 RT: 9.66 min Scan# 741  
 Delta R.T. 0.00 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 103457 |       |       |
| 198     | 94.7  | 75.4   | 113.2 |       |
| 200     | 30.3  | 24.0   | 36.0  |       |



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





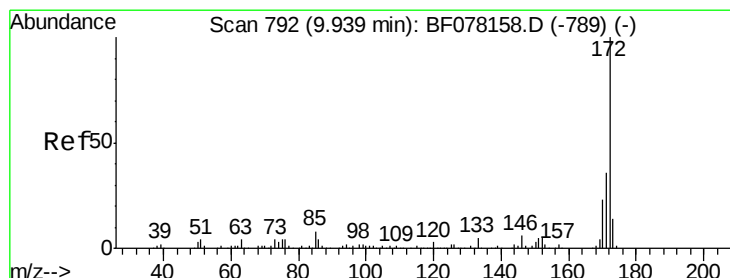
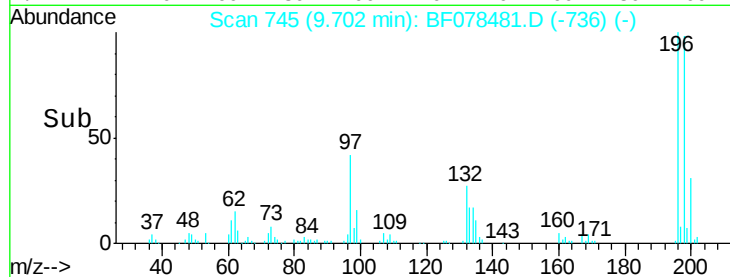
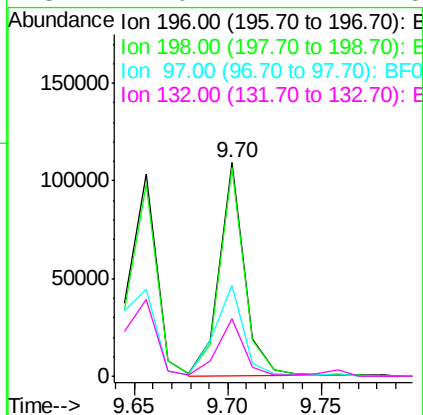
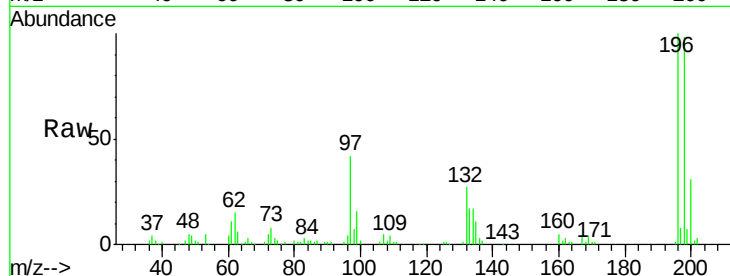
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.84 ng  
 RT: 9.70 min Scan# 745  
 Delta R.T. 0.00 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 102937 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.5  | 76.6  | 115.0  |
| 97        | 42.3  | 50.6  | 75.8#  |
| 132       | 27.0  | 27.7  | 41.5#  |

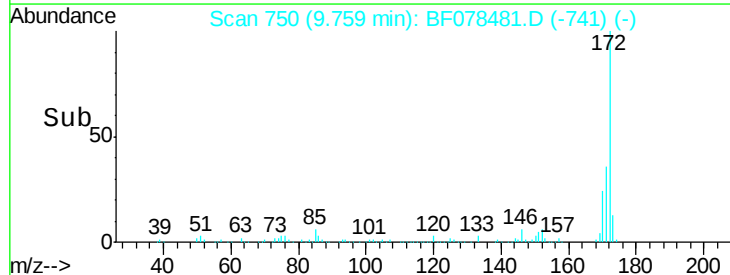
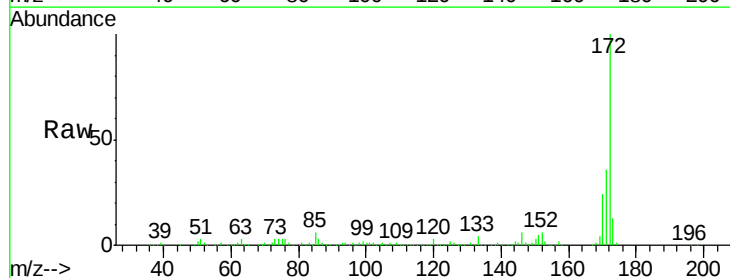
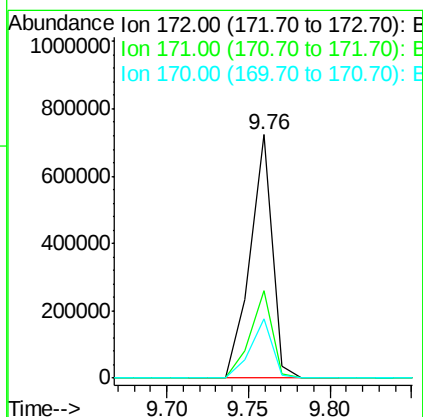
Manual Integrations  
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#44  
 2-Fluorobiphenyl  
 Concen: 78.96 ng  
 RT: 9.76 min Scan# 750  
 Delta R.T. 0.00 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 681945 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 35.9  | 28.6  | 42.8   |
| 170       | 24.1  | 18.5  | 27.7   |





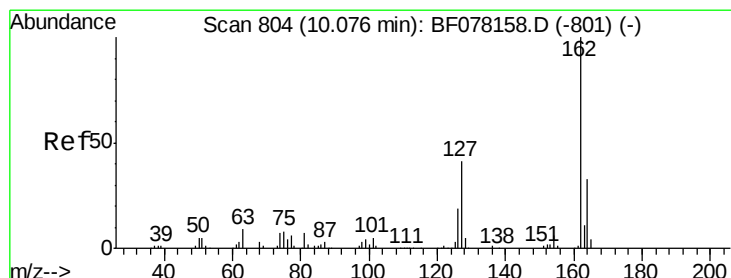
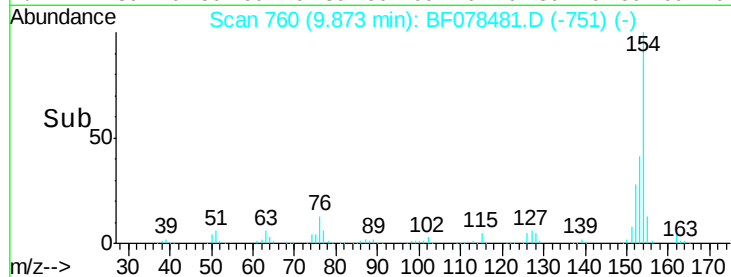
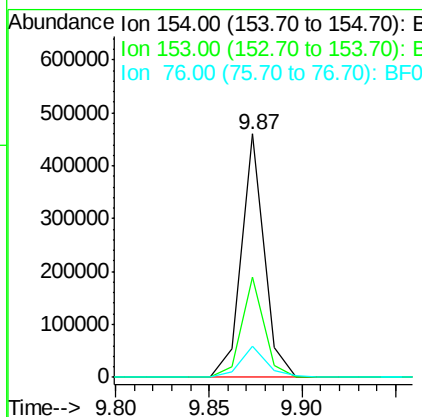
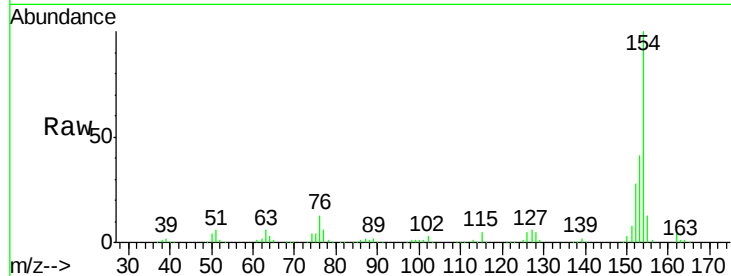
#45  
1,1'-Biphenyl  
Concen: 38.94 ng  
RT: 9.87 min Scan# 760  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 393201 |       |       |
| 153     | 41.4  | 20.0   | 60.0  |       |
| 76      | 12.8  | 0.0    | 30.6  |       |

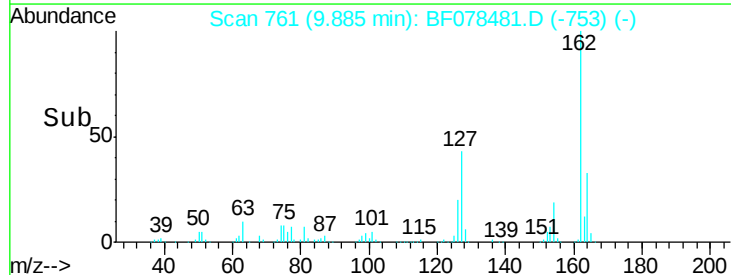
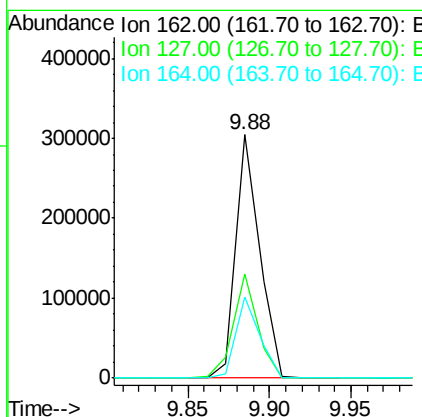
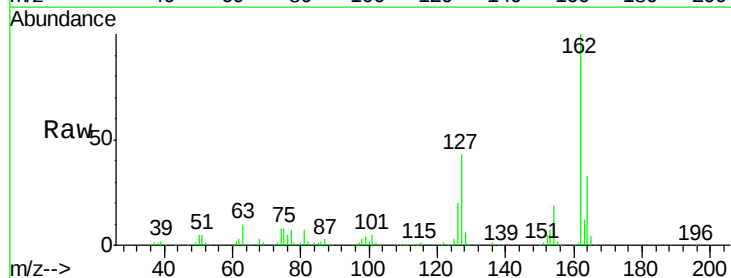
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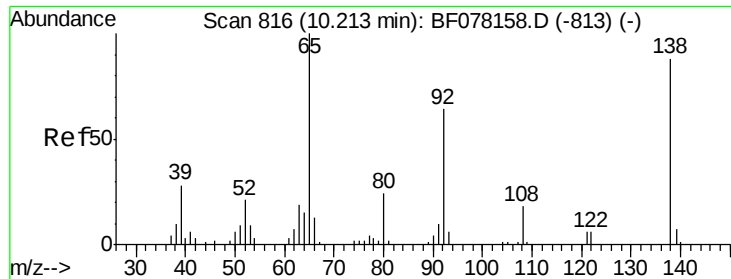
apatel  
4/14/2015 5:25:26 PM



#46  
2-Chloronaphthalene  
Concen: 38.44 ng  
RT: 9.88 min Scan# 761  
Delta R.T. -0.01 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 305409 |       |       |
| 127     | 42.6  | 32.6   | 49.0  |       |
| 164     | 33.1  | 26.0   | 39.0  |       |





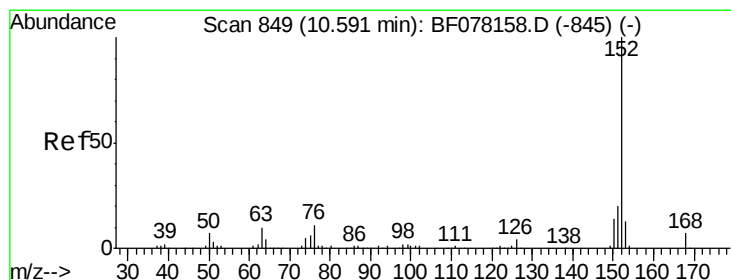
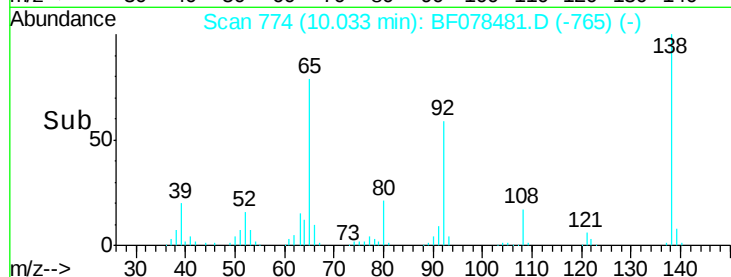
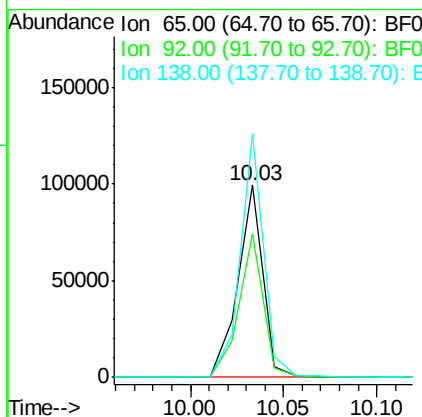
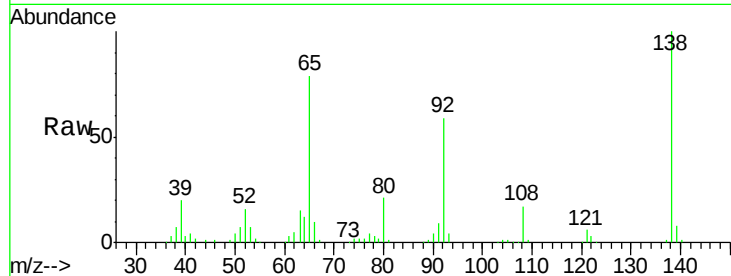
#47  
2-Nitroaniline  
Concen: 47.29 ng  
RT: 10.03 min Scan# 774  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 74.9  | 51.3  | 76.9  |
| 138     | 126.8 | 70.4  | 105.6 |

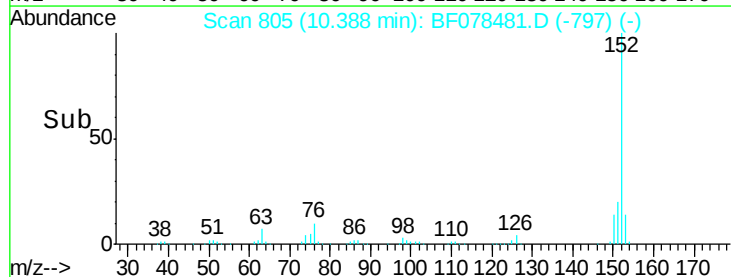
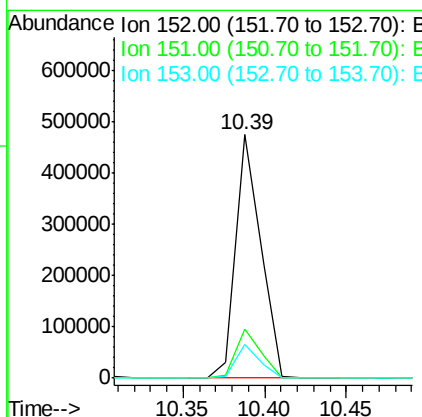
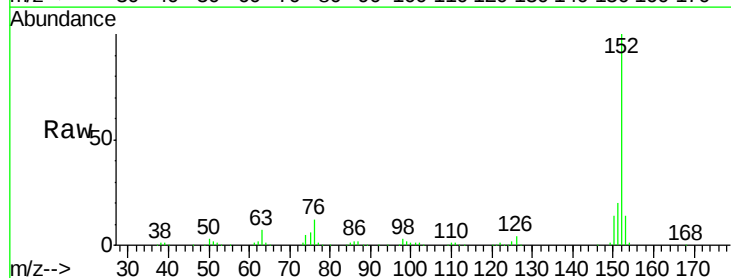
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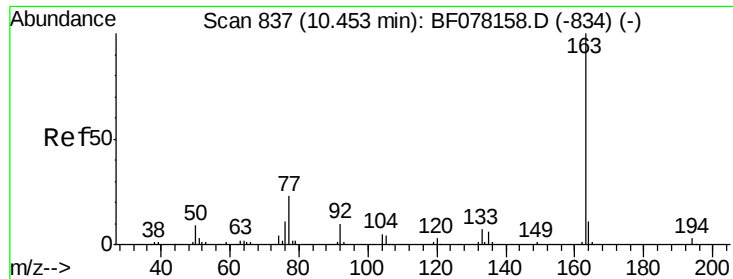
apatel  
4/14/2015 5:25:26 PM



#48  
Acenaphthylene  
Concen: 39.06 ng  
RT: 10.39 min Scan# 805  
Delta R.T. -0.01 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.9  | 15.7  | 23.5  |
| 153     | 13.6  | 10.2  | 15.2  |





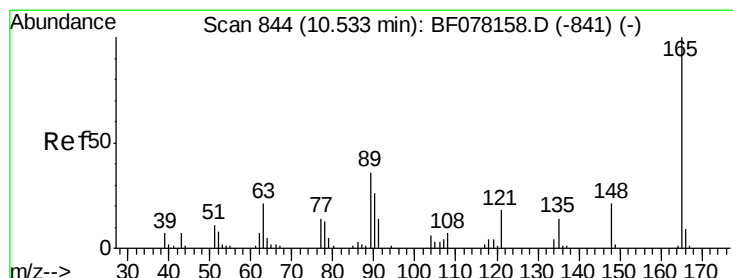
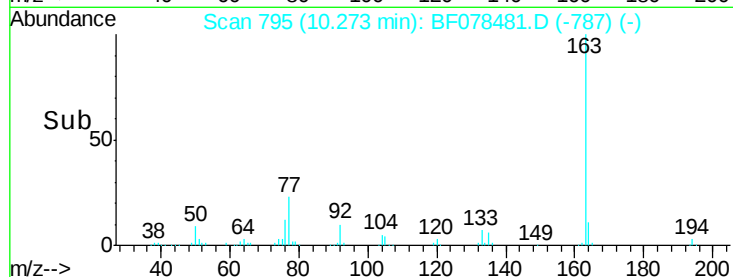
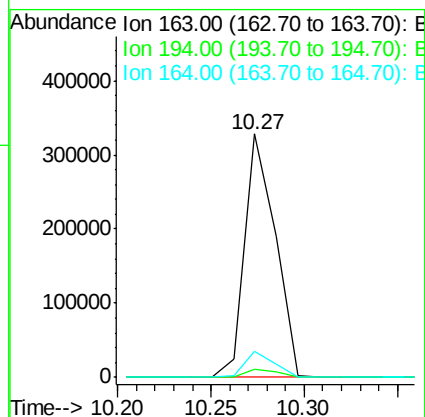
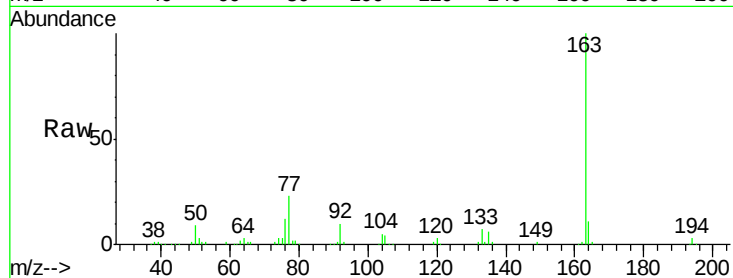
#49  
Dimethylphthalate  
Concen: 40.35 ng  
RT: 10.27 min Scan# 795  
Delta R.T. -0.01 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.4   | 2.3        | 3.5        |
| 164     | 10.6  | 8.6        | 13.0       |

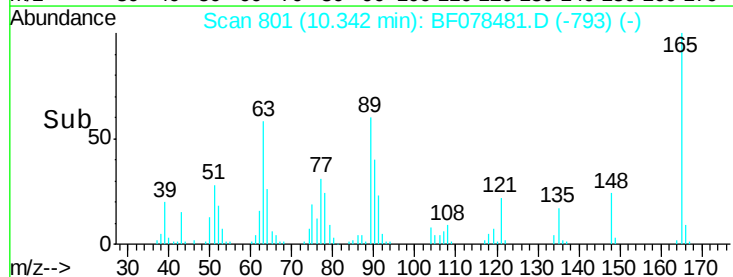
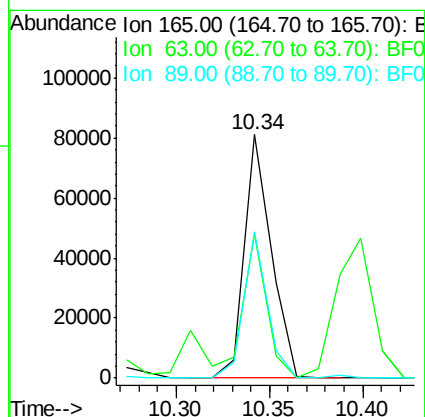
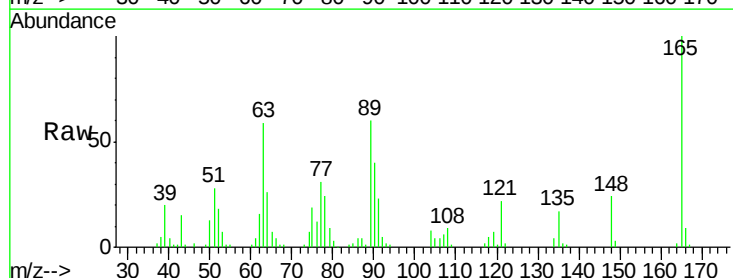
Manual Integrations  
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#50  
2,6-Dinitrotoluene  
Concen: 42.86 ng  
RT: 10.34 min Scan# 801  
Delta R.T. -0.01 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 59.1  | 24.1       | 36.1#      |
| 89      | 59.9  | 28.9       | 43.3#      |





#51

Acenaphthene

Concen: 40.48 ng

RT: 10.60 min Scan# 824

Delta R.T. 0.00 min

Lab File: BF078481.D

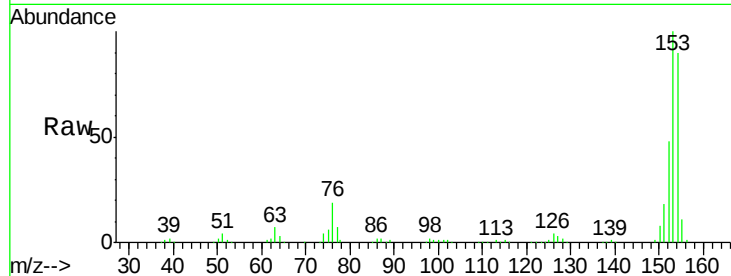
Acq: 14 Apr 2015 2:46

Instrument :

BNA\_F

ClientSampleId :

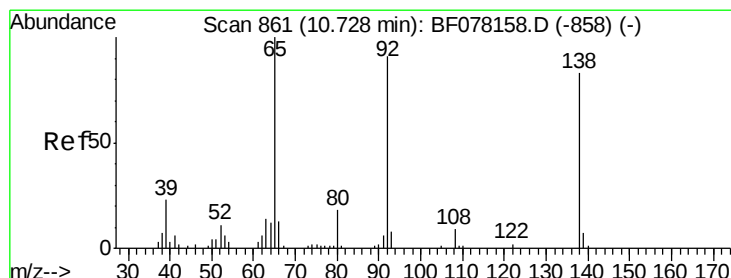
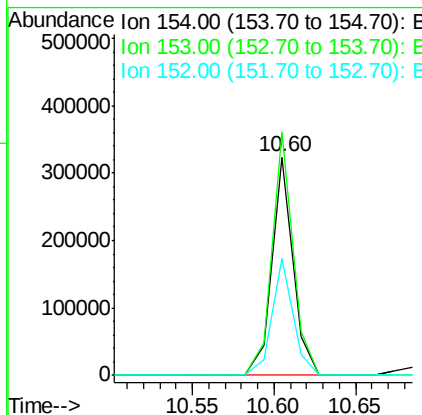
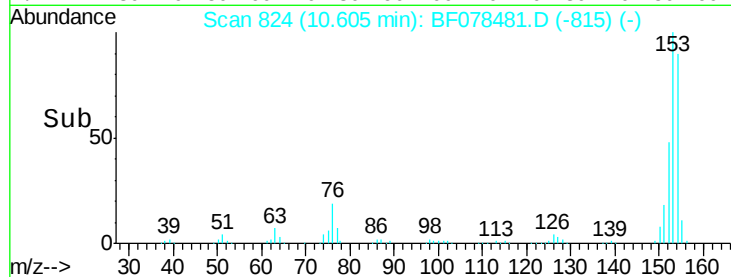
SSTDCCC040



| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 111.5 | 91.4 | 137.2 |       |
| 152     | 53.6  | 43.0 | 64.6  |       |

Manual Integrations  
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#52

3-Nitroaniline

Concen: 46.70 ng

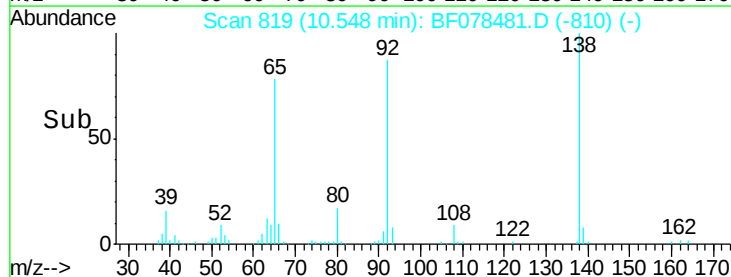
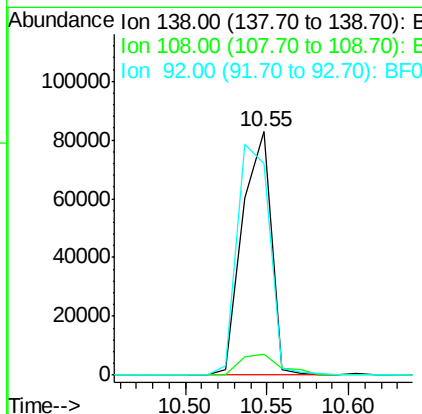
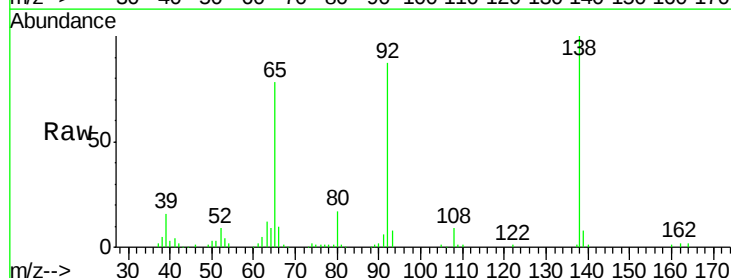
RT: 10.55 min Scan# 819

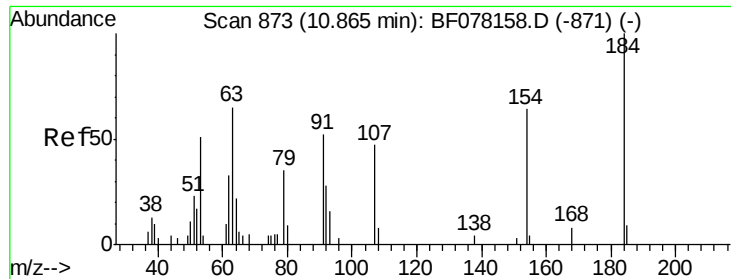
Delta R.T. 0.00 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 108     | 8.8   | 8.2  | 12.4  |       |
| 92      | 86.9  | 88.4 | 132.6 |       |





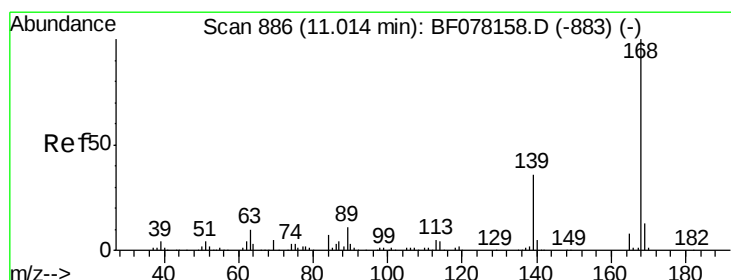
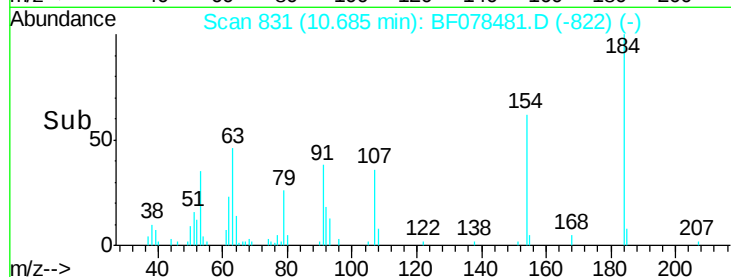
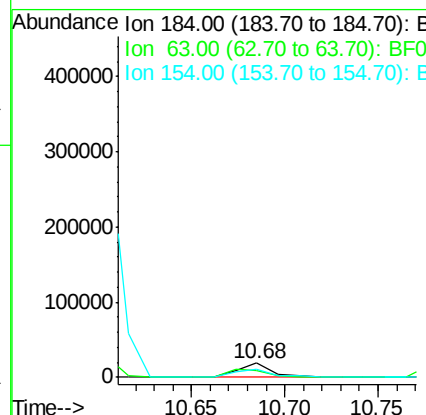
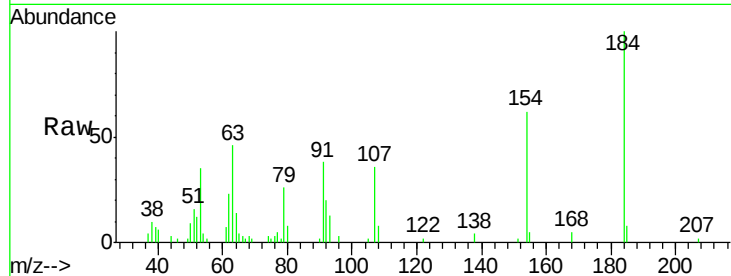
#53  
2,4-Dinitrophenol  
Concen: 42.81 ng  
RT: 10.68 min Scan# 831  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 46.1  | 51.9  | 77.9# |
| 154     | 61.6  | 51.0  | 76.4  |

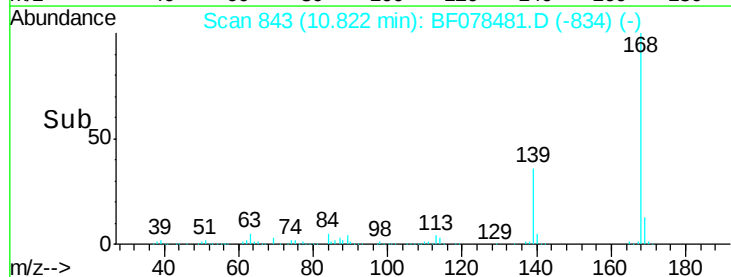
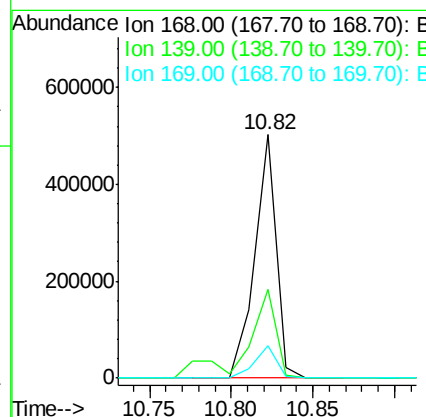
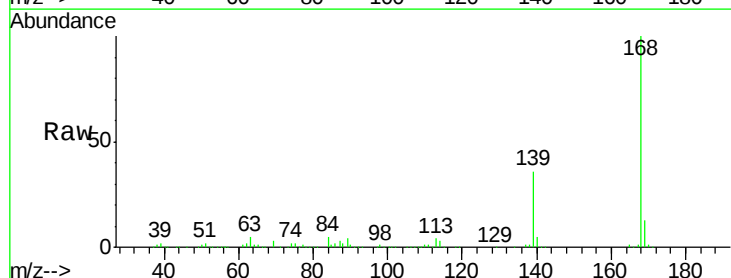
Manual Integrations  
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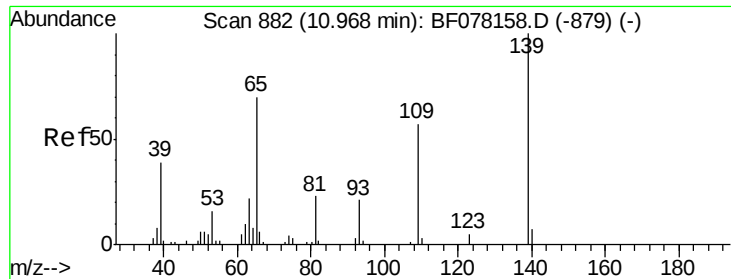
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#54  
Dibenzofuran  
Concen: 41.47 ng  
RT: 10.82 min Scan# 843  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.2  | 31.0  | 46.4  |
| 169     | 13.3  | 10.7  | 16.1  |





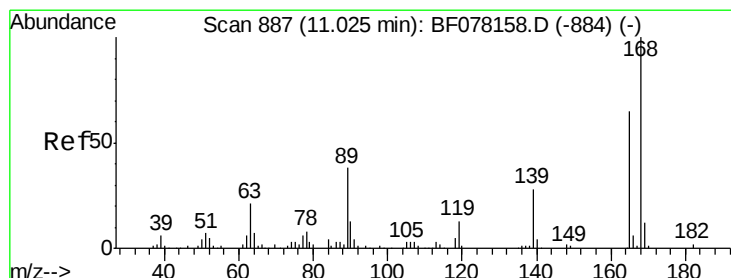
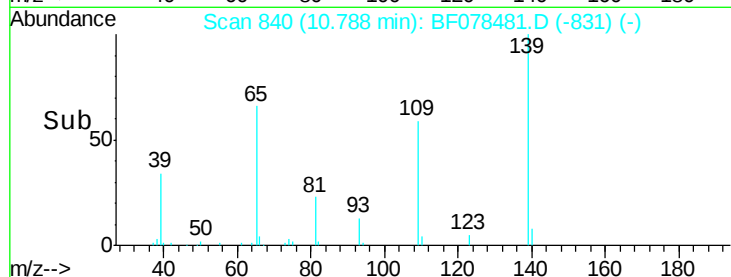
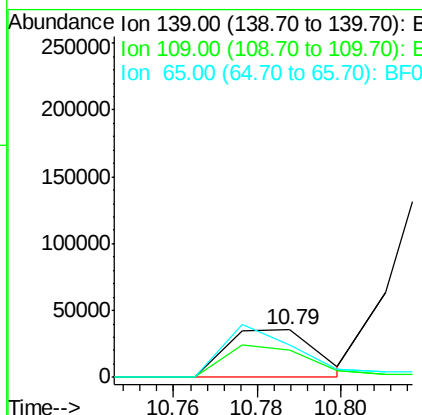
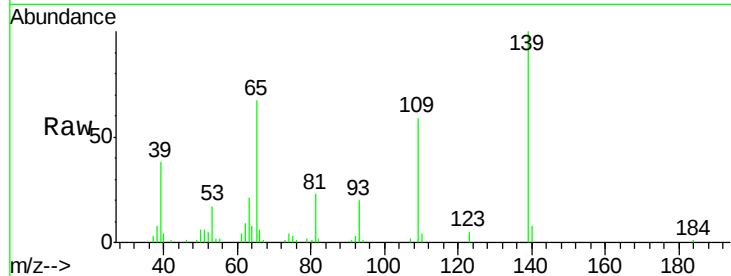
#55  
4-Nitrophenol  
Concen: 35.09 ng m  
RT: 10.79 min Scan# 840  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 53496 |       |       |
| 109     | 58.8  | 36.7  | 76.7  |       |
| 65      | 67.5  | 49.9  | 89.9  |       |

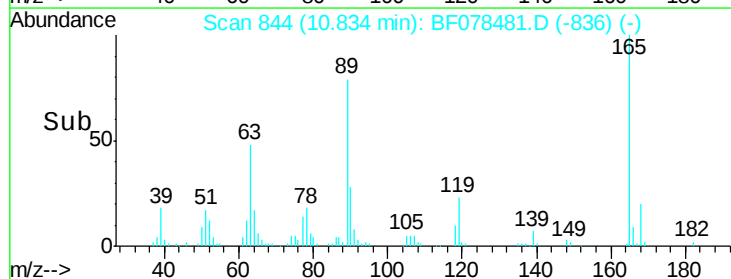
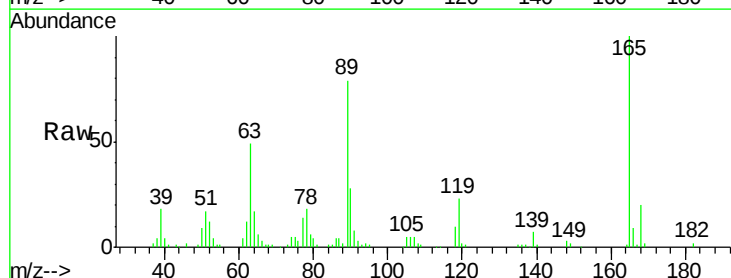
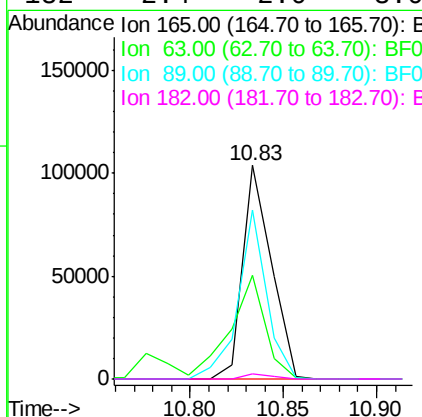
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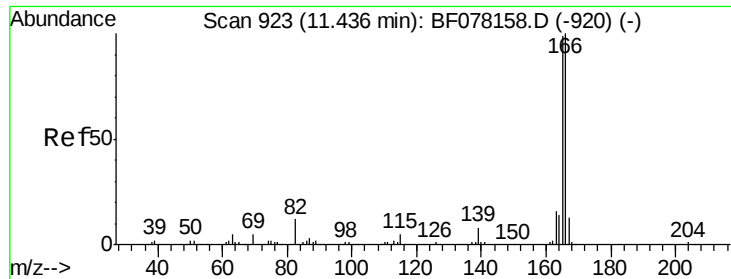
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#56  
2,4-Dinitrotoluene  
Concen: 44.76 ng  
RT: 10.83 min Scan# 844  
Delta R.T. -0.01 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 110627 |       |       |
| 63      | 48.8  | 26.5   | 39.7# |       |
| 89      | 79.0  | 46.4   | 69.6# |       |
| 182     | 2.4   | 2.0    | 3.0   |       |





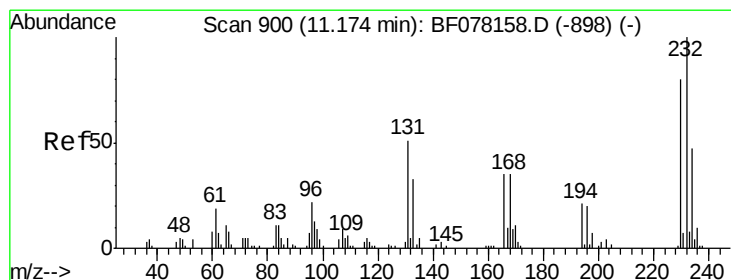
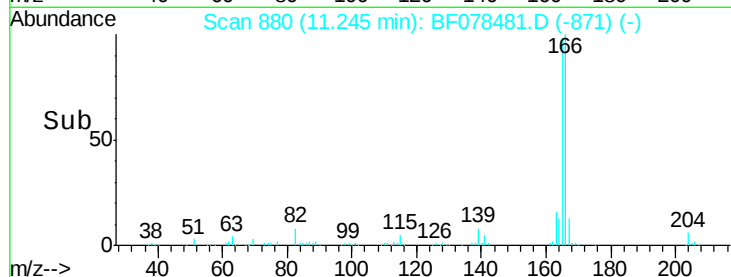
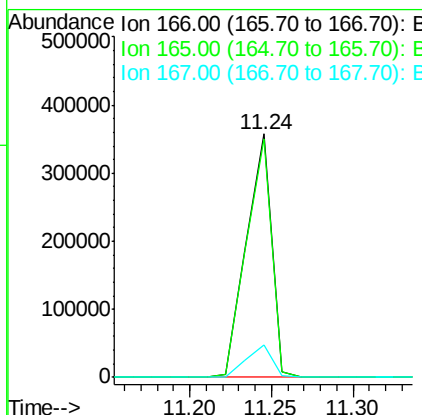
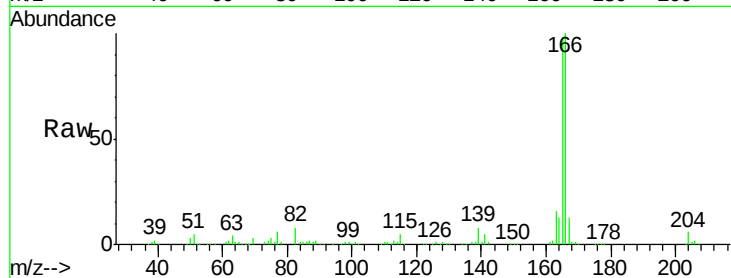
#57  
**Fluorene**  
 Concen: 42.90 ng  
 RT: 11.24 min Scan# 880  
 Delta R.T. 0.00 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTCCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 383605 |       |       |
| 165     | 98.2  | 78.9   | 118.3 |       |
| 167     | 13.1  | 10.7   | 16.1  |       |

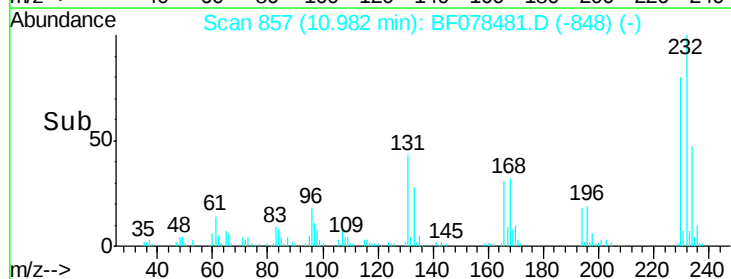
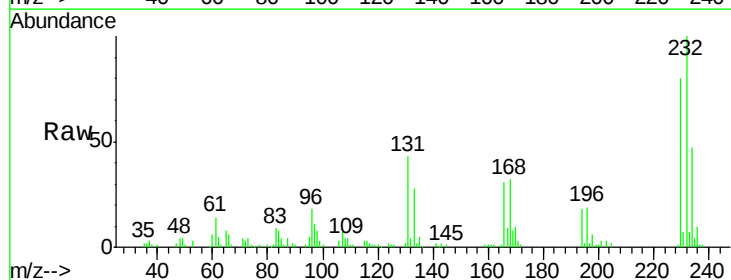
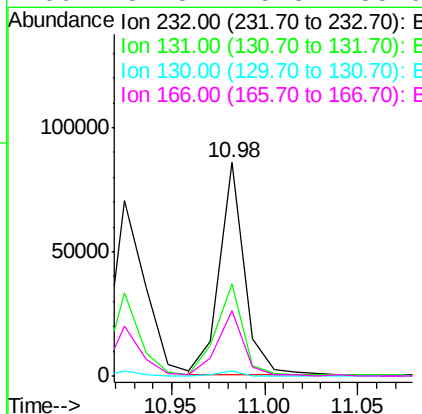
Manual Integrations  
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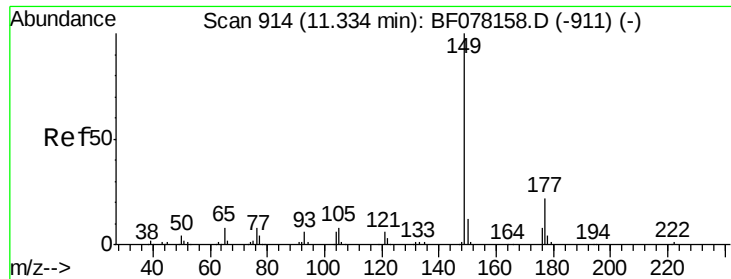
apatel  
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#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 42.85 ng  
 RT: 10.98 min Scan# 857  
 Delta R.T. 0.00 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 80052 |       |       |
| 131     | 46.6  | 37.8  | 56.8  |       |
| 130     | 2.1   | 1.5   | 2.3   |       |
| 166     | 32.8  | 25.8  | 38.6  |       |





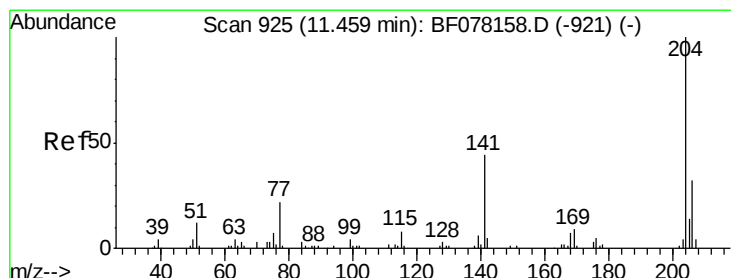
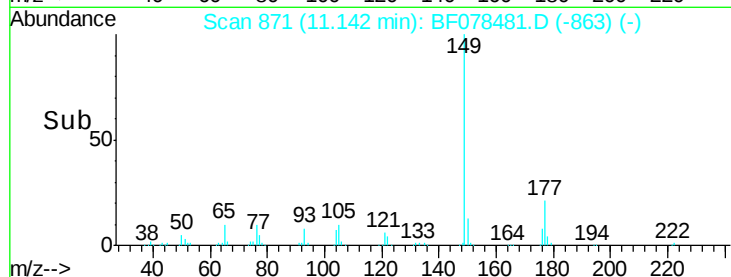
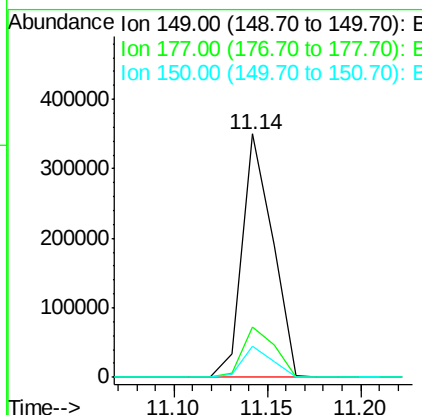
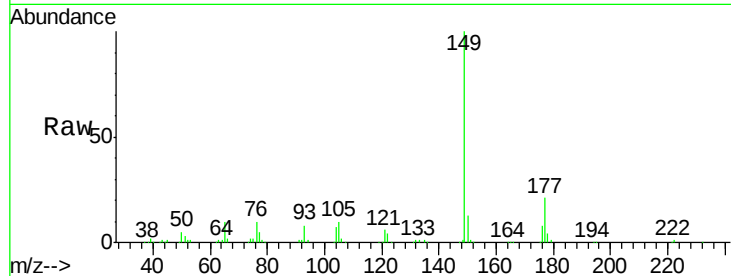
#59  
Diethylphthalate  
Concen: 44.30 ng  
RT: 11.14 min Scan# 871  
Delta R.T. -0.01 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 20.6  | 17.4       | 26.2       |
| 150     | 12.8  | 9.4        | 14.2       |

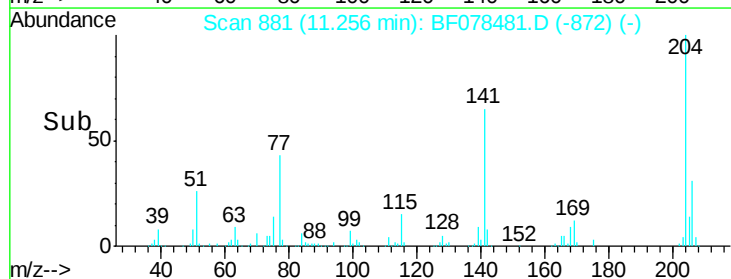
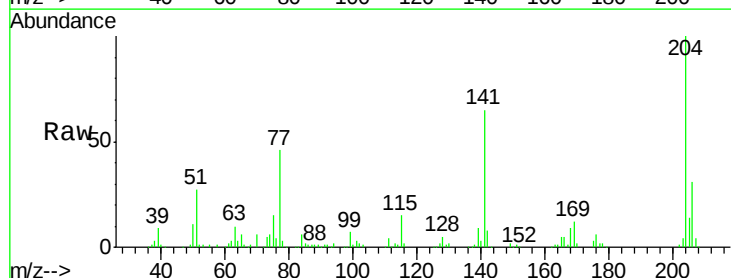
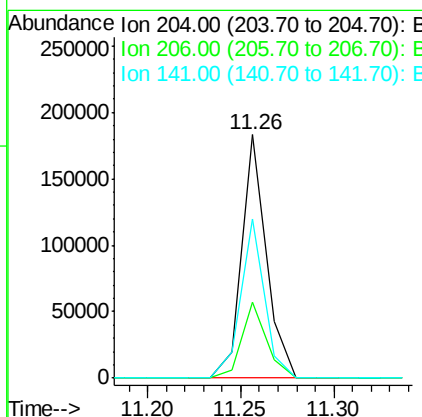
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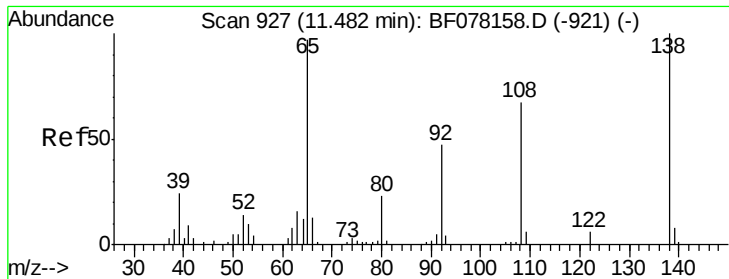
apatel  
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#60  
4-Chlorophenyl-phenylether  
Concen: 40.99 ng  
RT: 11.26 min Scan# 881  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 31.4  | 25.6       | 38.4       |
| 141     | 65.1  | 35.4       | 53.0#      |





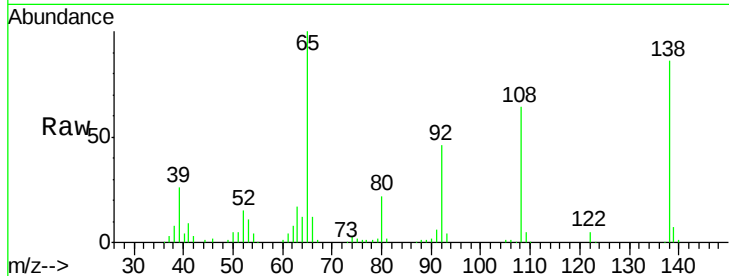
#61  
4-Nitroaniline  
Concen: 42.41 ng  
RT: 11.29 min Scan# 884  
Delta R.T. -0.01 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

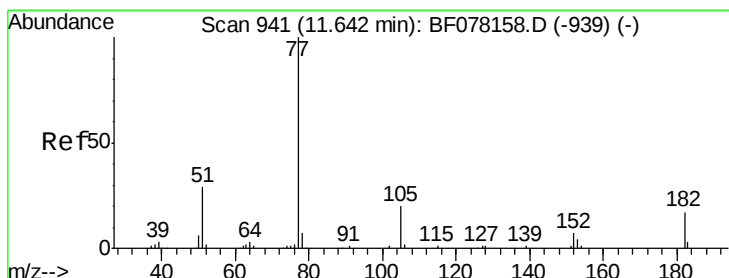
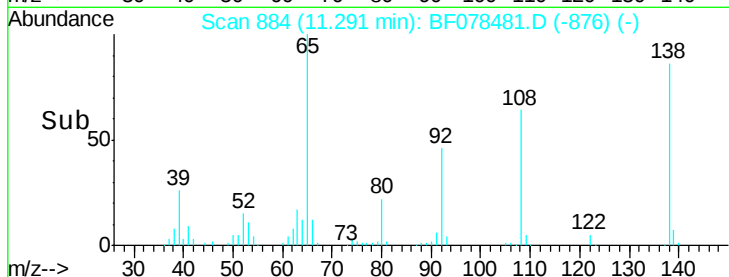
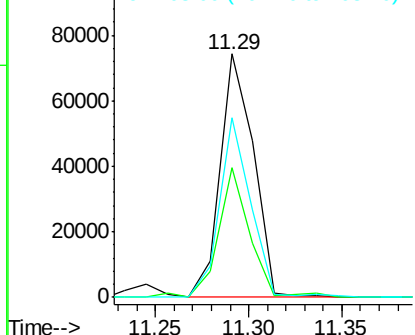
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 93022 |       |       |
| 92      | 53.5  | 27.3  | 67.3  |       |
| 108     | 73.8  | 47.2  | 87.2  |       |

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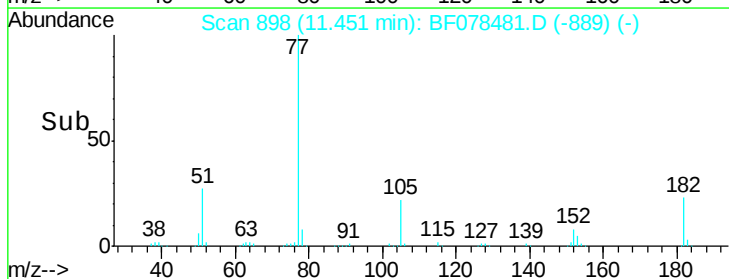
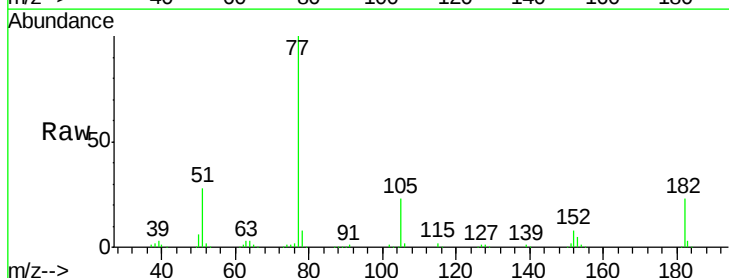
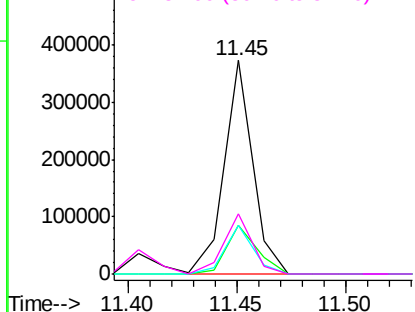
Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 108.00 (107.70 to 108.70): E



#62  
Azobenzene  
Concen: 41.44 ng  
RT: 11.45 min Scan# 898  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 338185 |       |       |
| 182     | 22.8  | 0.0    | 36.8  |       |
| 105     | 22.9  | 0.3    | 40.3  |       |
| 51      | 28.0  | 9.1    | 49.1  |       |

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





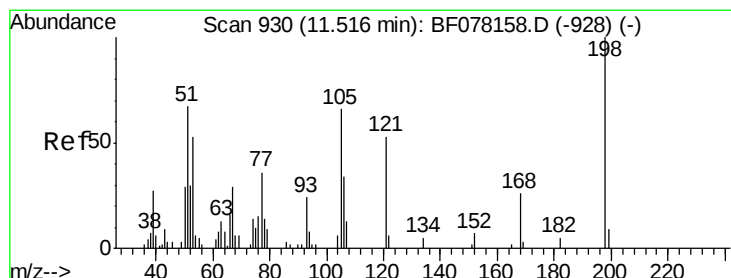
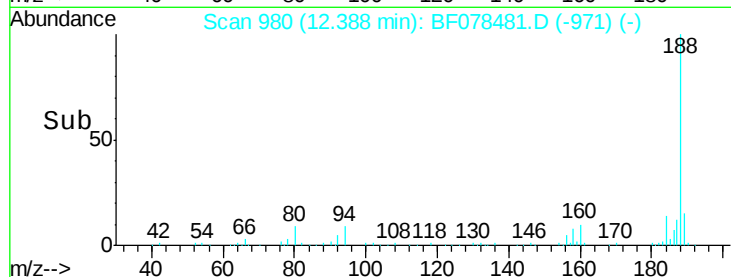
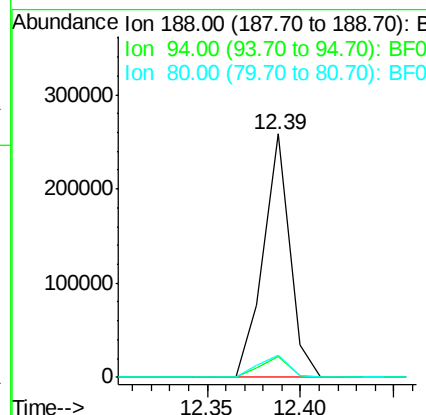
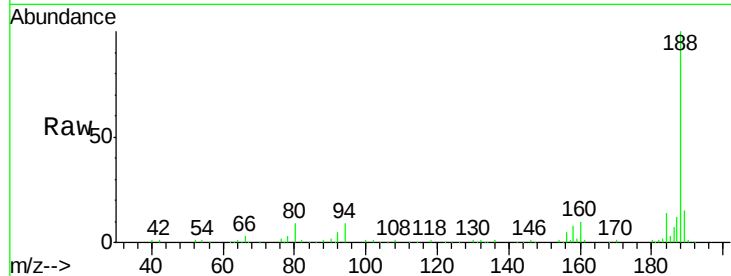
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 12.39 min Scan# 980  
 Delta R.T. 0.00 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 8.7   | 9.0        | 13.4#      |
| 80      | 9.1   | 9.5        | 14.3#      |

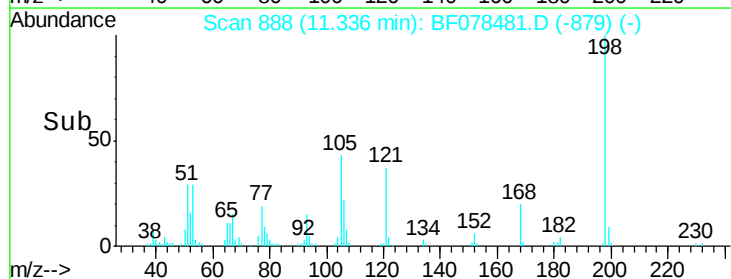
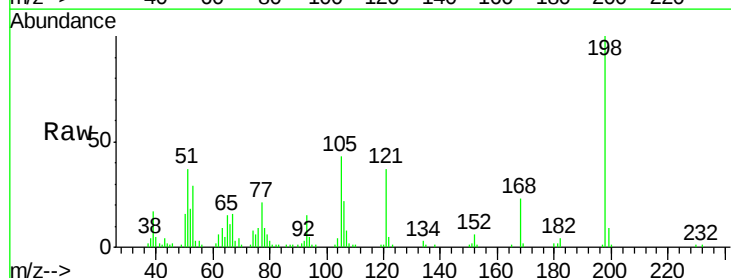
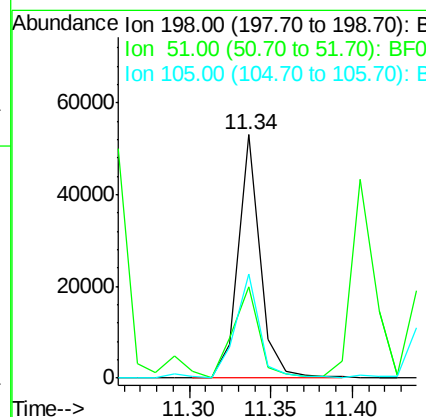
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#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 40.86 ng  
 RT: 11.34 min Scan# 888  
 Delta R.T. 0.00 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 37.4  | 48.6       | 88.6#      |
| 105     | 42.5  | 45.8       | 85.8#      |





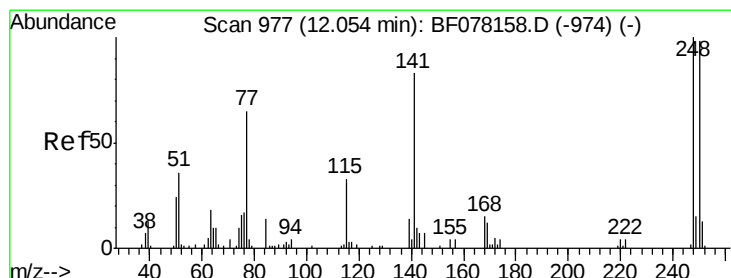
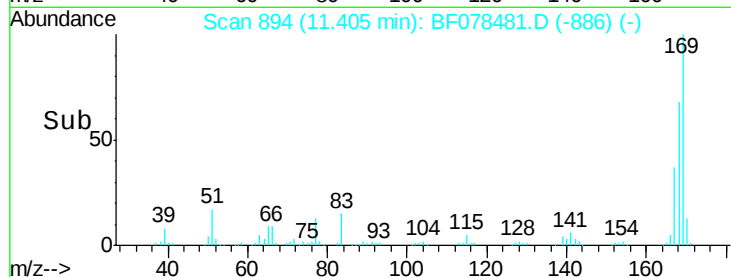
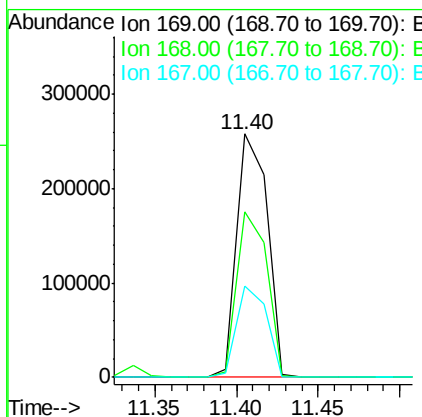
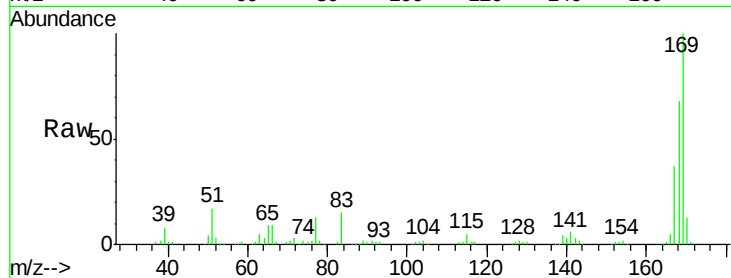
#65  
 n-Nitrosodiphenylamine  
 Concen: 37.78 ng  
 RT: 11.40 min Scan# 894  
 Delta R.T. -0.01 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 331549 |       |       |
| 168     | 67.8  | 55.0   | 82.4  |       |
| 167     | 37.3  | 29.3   | 43.9  |       |

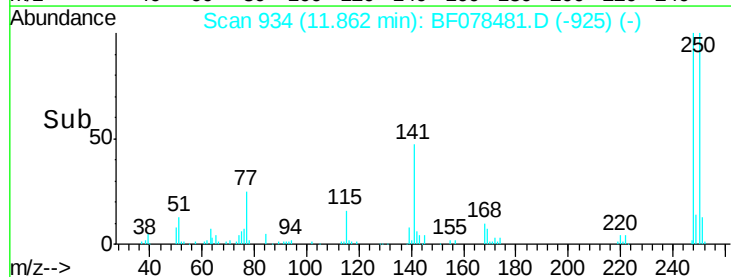
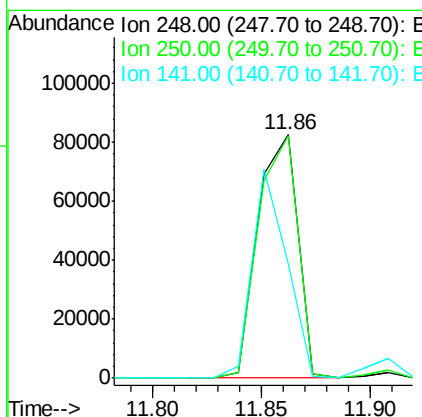
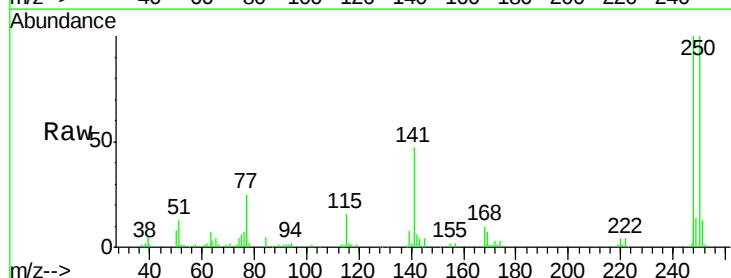
Manual Integrations  
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#66  
 4-Bromophenyl-phenylether  
 Concen: 39.68 ng  
 RT: 11.86 min Scan# 934  
 Delta R.T. 0.00 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 106620 |       |       |
| 250     | 99.8  | 78.2   | 117.2 |       |
| 141     | 46.9  | 66.4   | 99.6  |       |





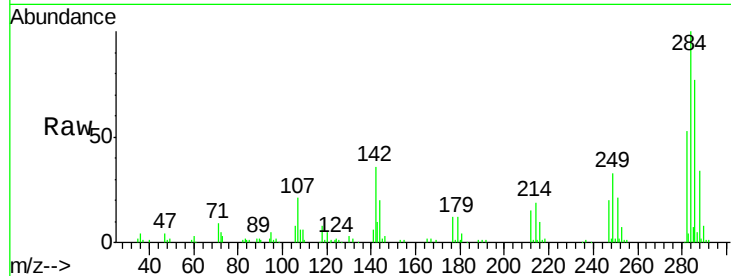
#67  
Hexachlorobenzene  
Concen: 35.52 ng  
RT: 11.91 min Scan# 938  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

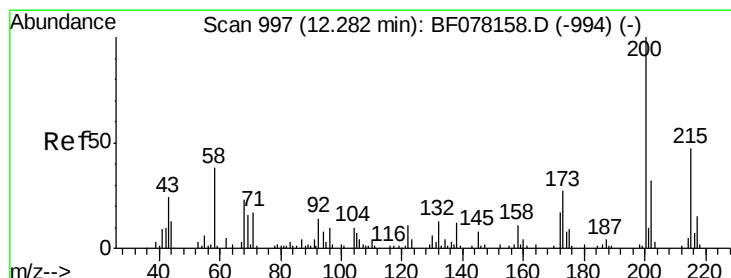
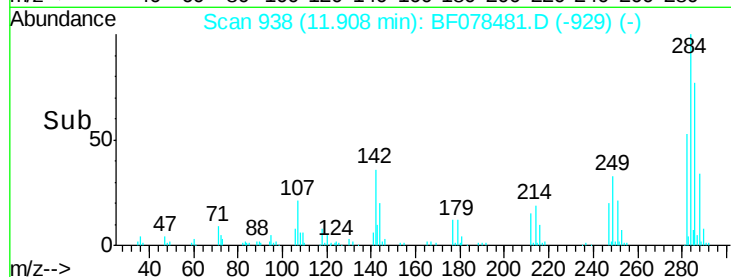
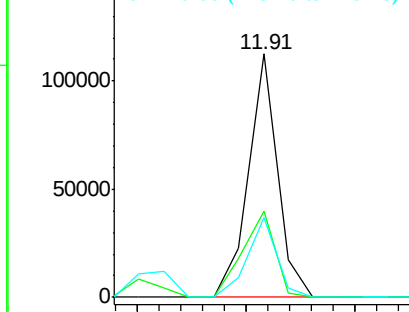
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 284     | 100   |            |            |
| 142     | 35.6  | 24.5       | 36.7       |
| 249     | 32.7  | 24.8       | 37.2       |

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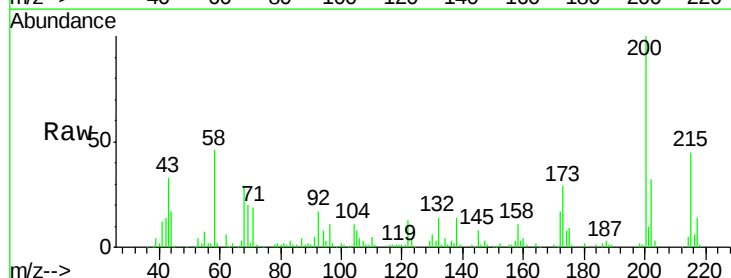


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

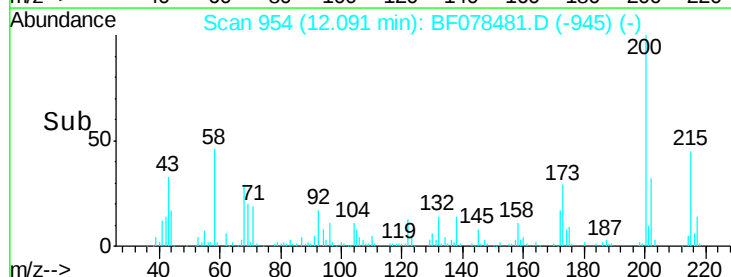
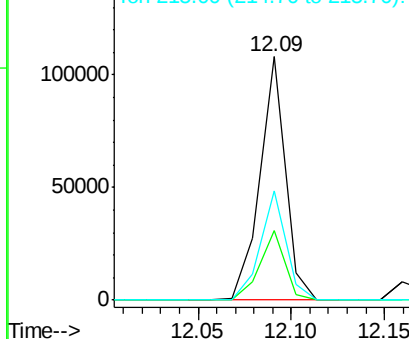


#68  
Atrazine  
Concen: 40.09 ng  
RT: 12.09 min Scan# 954  
Delta R.T. 0.00 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 28.7  | 6.9        | 46.9       |
| 215     | 44.8  | 27.1       | 67.1       |



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





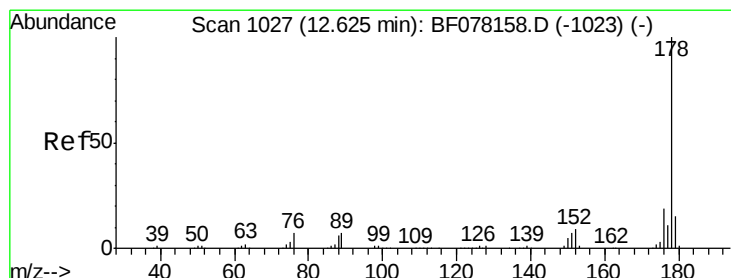
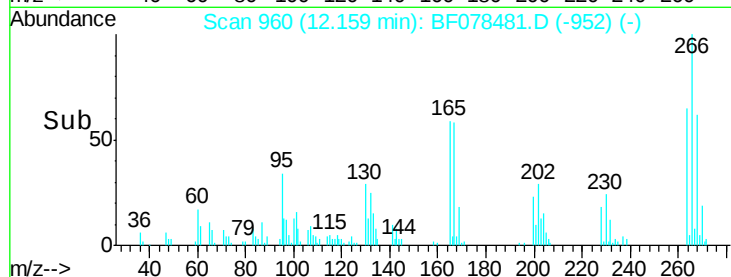
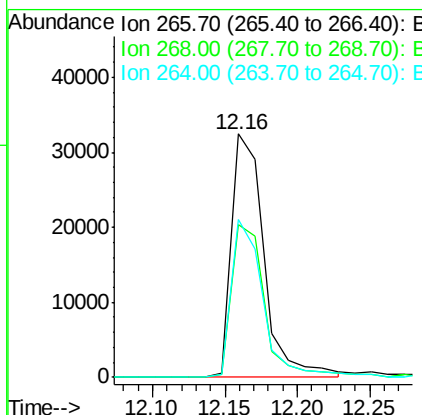
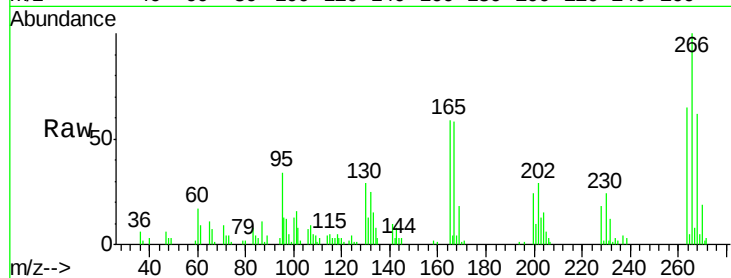
#69  
 Pentachlorophenol  
 Concen: 42.62 ng  
 RT: 12.16 min Scan# 960  
 Delta R.T. -0.01 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 50408 |       |       |
| 268     | 62.5  | 50.1  | 75.1  |       |
| 264     | 64.8  | 50.0  | 75.0  |       |

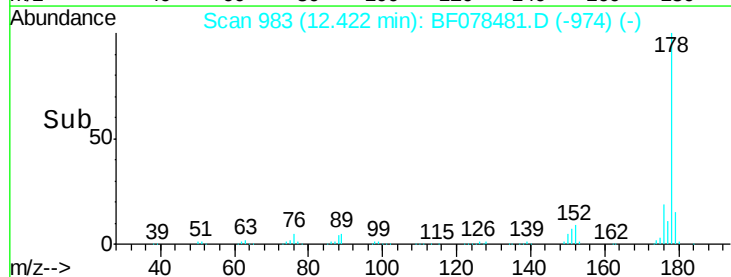
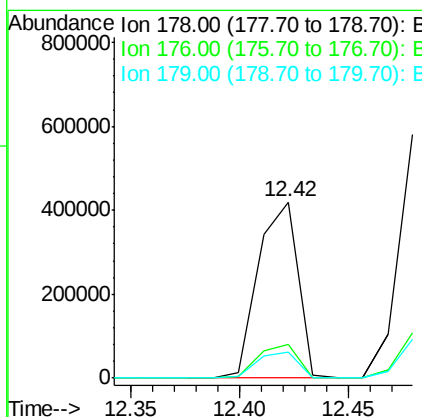
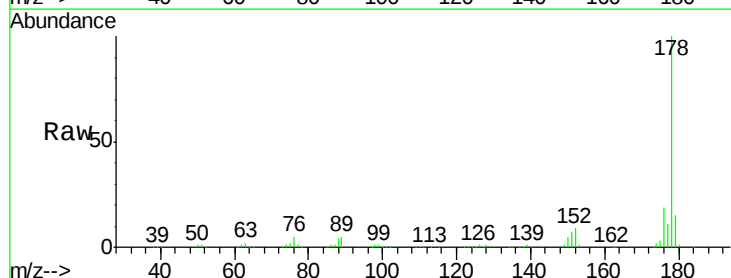
Manual Integrations  
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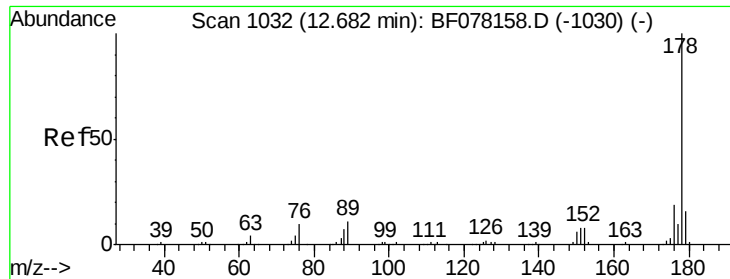
apatel  
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#70  
 Phenanthrene  
 Concen: 36.70 ng  
 RT: 12.42 min Scan# 983  
 Delta R.T. 0.00 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 538627 |       |       |
| 176     | 19.2  | 15.4   | 23.0  |       |
| 179     | 14.8  | 12.2   | 18.2  |       |





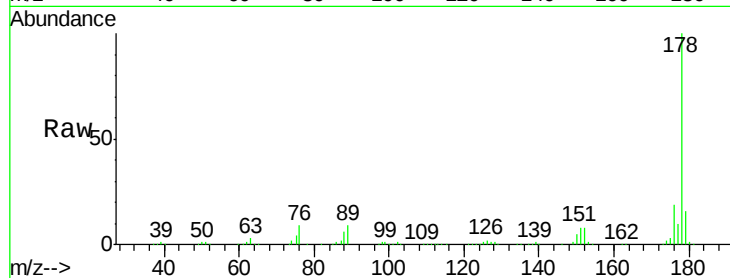
#71  
 Anthracene  
 Concen: 37.77 ng  
 RT: 12.48 min Scan# 988  
 Delta R.T. 0.00 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

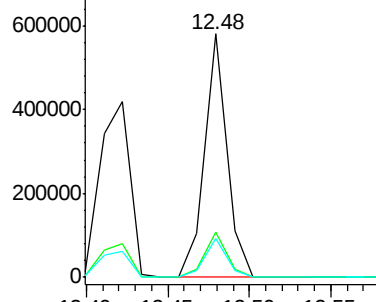
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 546229 |       |       |
| 176     | 18.8  | 14.8   | 22.2  |       |
| 179     | 15.9  | 12.4   | 18.6  |       |

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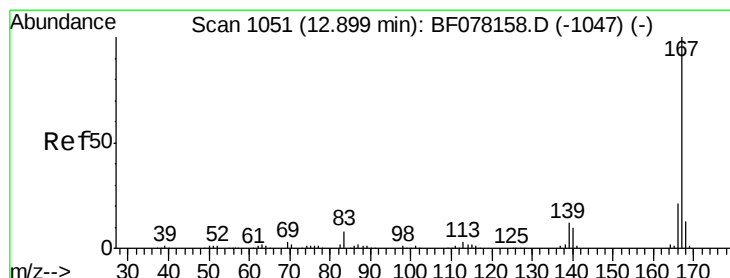
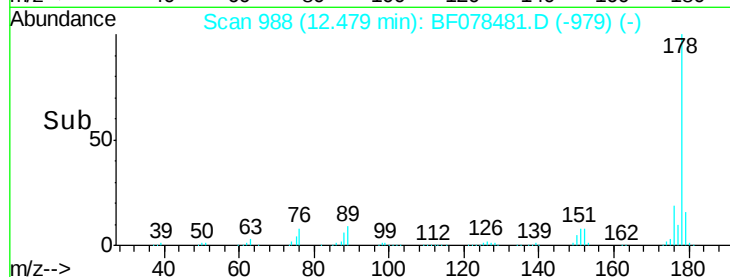
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Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

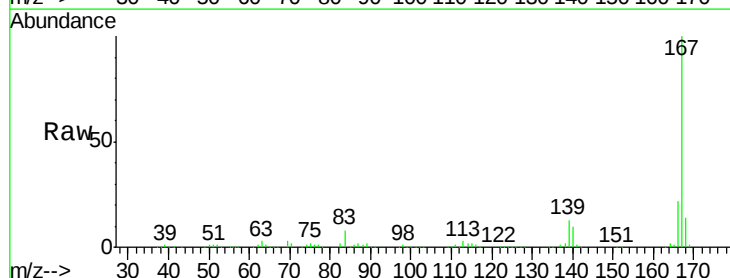


Time--> 12.40 12.45 12.50 12.55

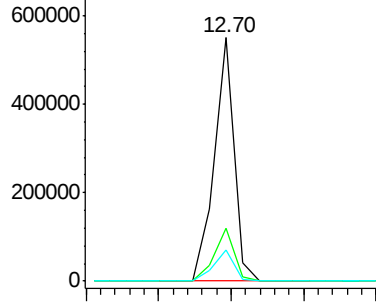


#72  
 Carbazole  
 Concen: 38.55 ng  
 RT: 12.70 min Scan# 1007  
 Delta R.T. 0.00 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

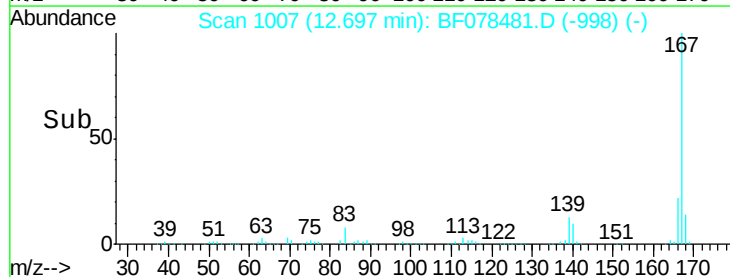
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 522418 |       |       |
| 166     | 21.8  | 16.8   | 25.2  |       |
| 139     | 12.9  | 10.0   | 15.0  |       |



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E



Time--> 12.60 12.65 12.70 12.75





#73

Di-n-butylphthalate

Concen: 45.09 ng

RT: 13.17 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

Instrument :

BNA\_F

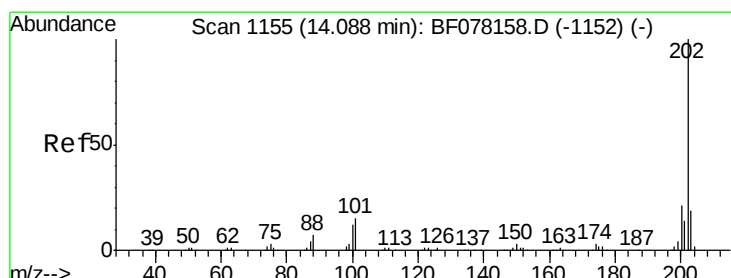
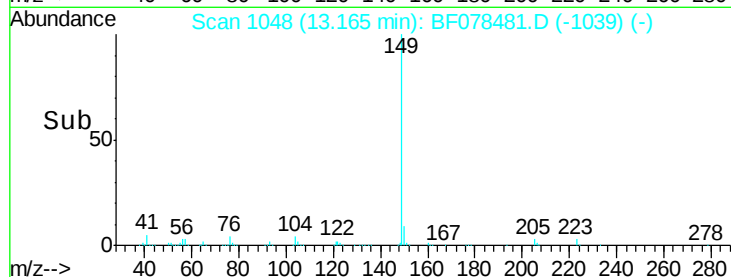
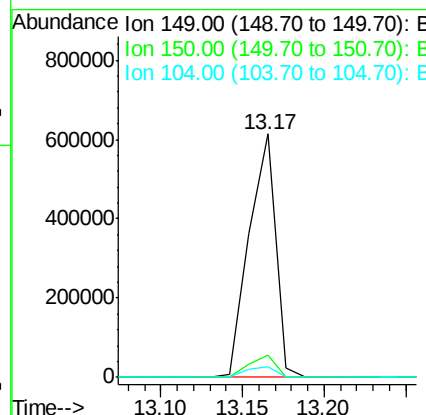
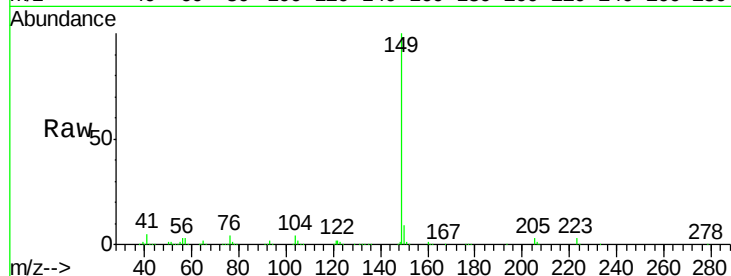
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 692221 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.1   | 7.1   | 10.7   |
| 104       | 4.2   | 3.8   | 5.6    |

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#74

Fluoranthene

Concen: 38.39 ng

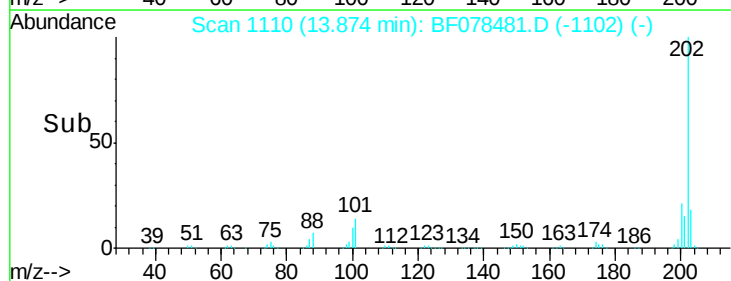
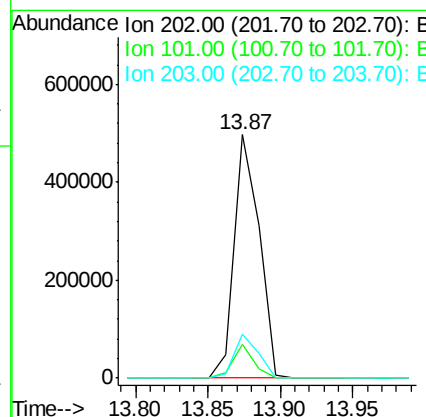
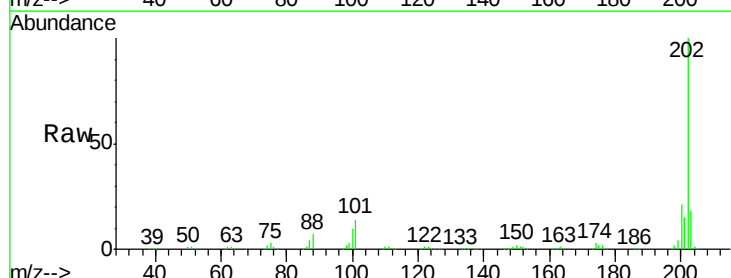
RT: 13.87 min Scan# 1110

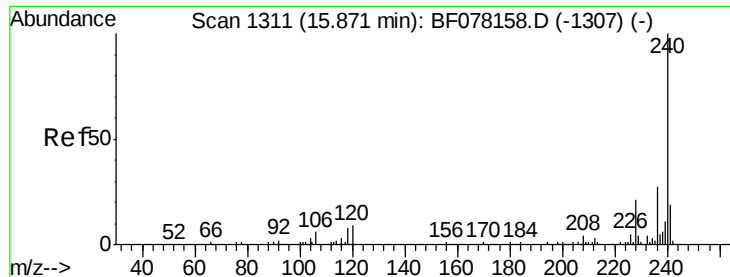
Delta R.T. -0.01 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 594170 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 13.7  | 0.0   | 35.2   |
| 203       | 17.9  | 0.0   | 38.5   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.65 min Scan# 1265

Delta R.T. -0.01 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

Instrument :

BNA\_F

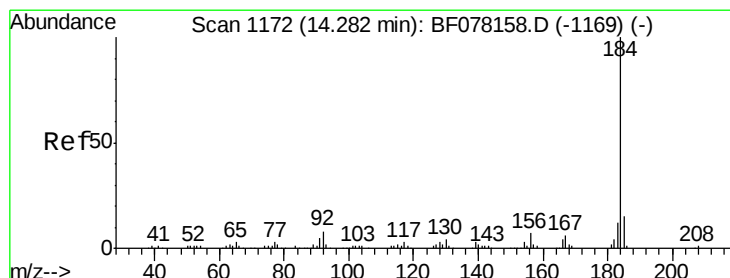
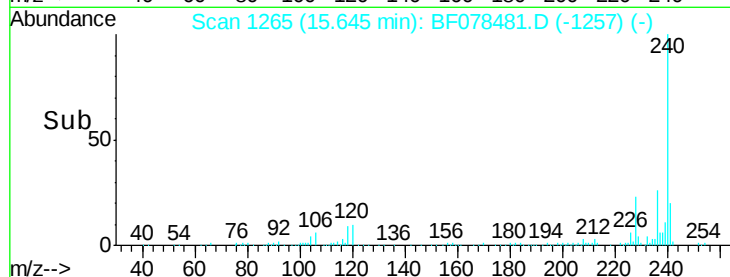
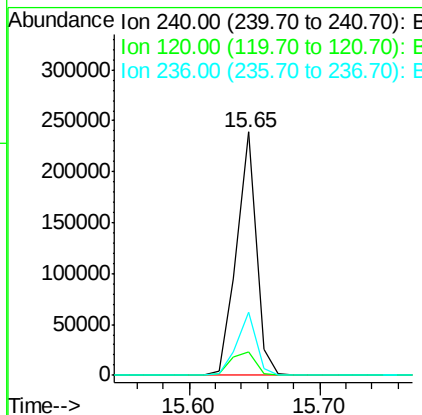
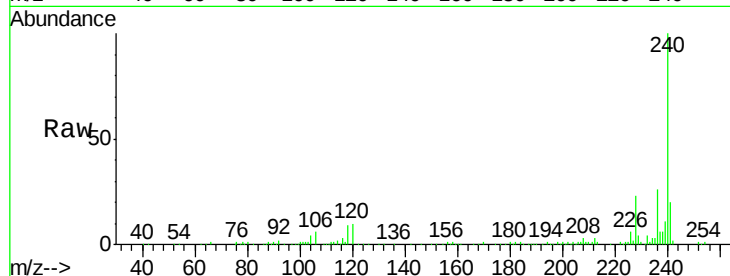
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 251487 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 9.7   | 7.1   | 10.7   |
| 236       | 26.1  | 21.4  | 32.2   |

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#76

Benzidine

Concen: 32.82 ng

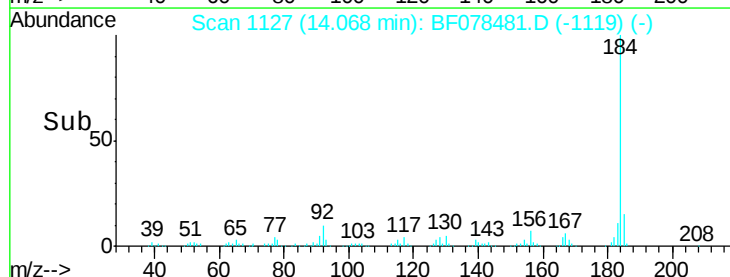
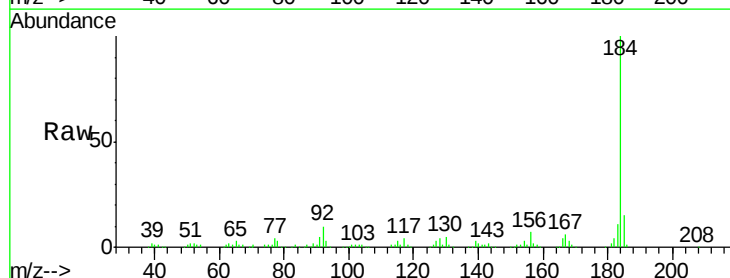
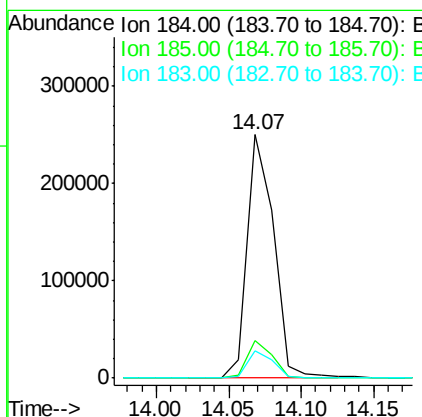
RT: 14.07 min Scan# 1127

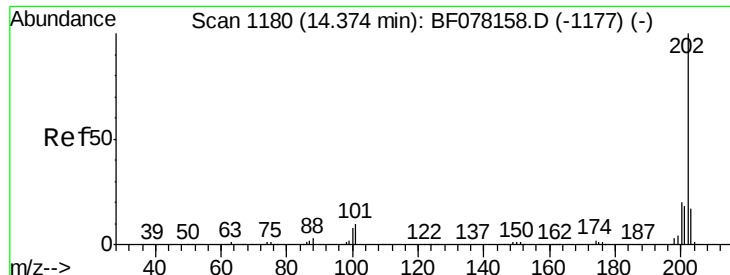
Delta R.T. -0.01 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 317772 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.3  | 12.2  | 18.2   |
| 183       | 11.4  | 9.5   | 14.3   |





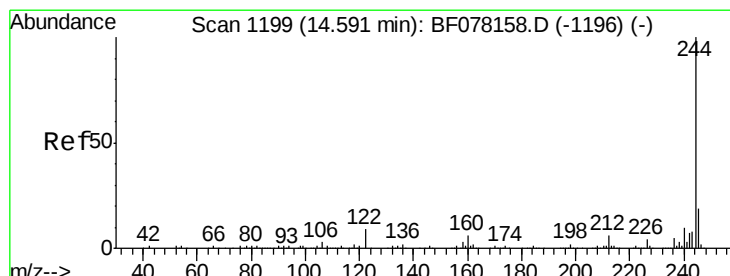
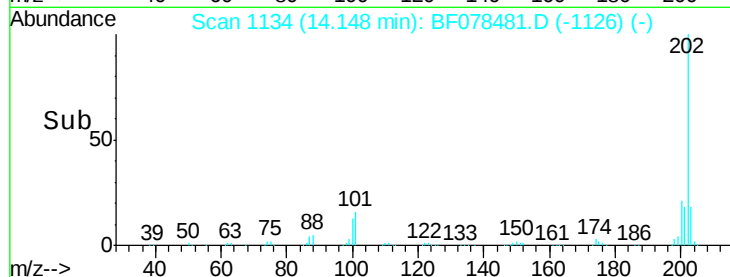
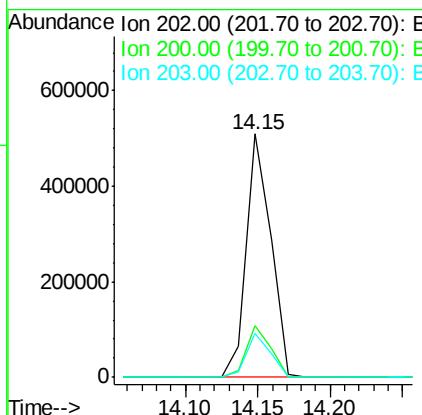
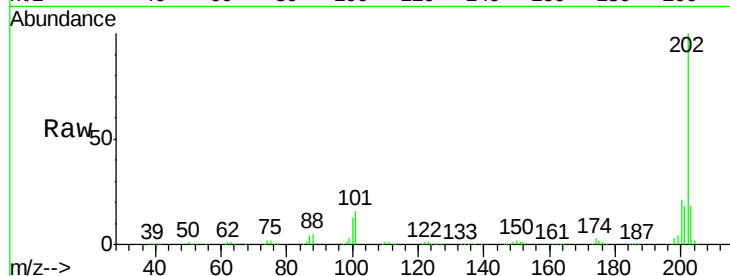
#77  
 Pyrene  
 Concen: 37.78 ng  
 RT: 14.15 min Scan# 1134  
 Delta R.T. -0.01 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 200     | 21.4  | 16.3       | 24.5       |
| 203     | 18.2  | 13.8       | 20.6       |

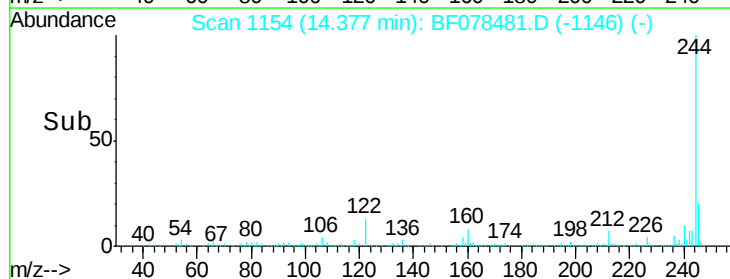
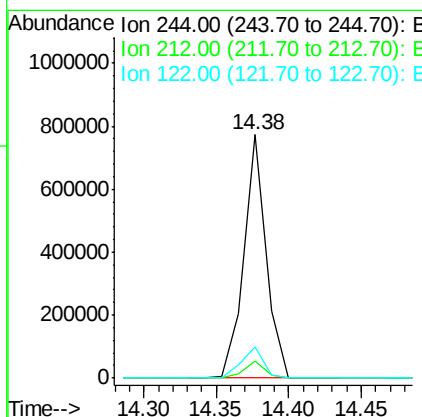
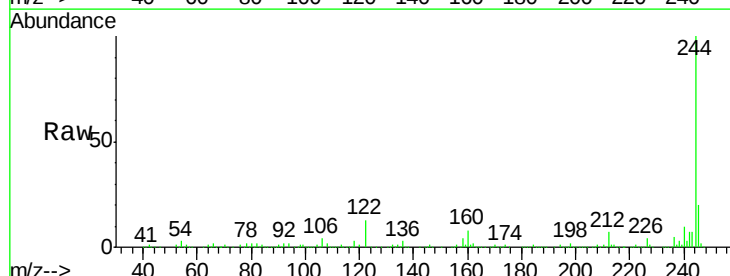
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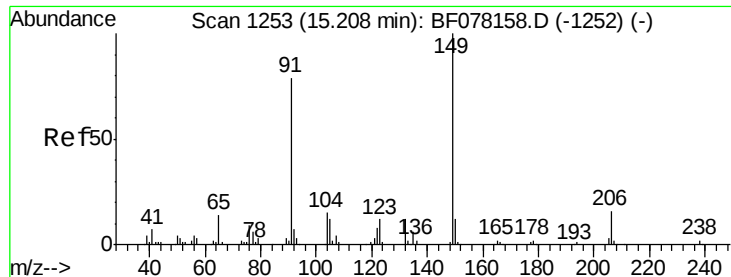
apatel  
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#78  
 Terphenyl-d14  
 Concen: 74.03 ng  
 RT: 14.38 min Scan# 1154  
 Delta R.T. -0.01 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 7.2   | 5.0        | 7.4        |
| 122     | 12.8  | 7.1        | 10.7#      |





#79

Butylbenzylphthalate

Concen: 51.49 ng

RT: 15.01 min Scan# 1209

Delta R.T. 0.00 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

Instrument :

BNA\_F

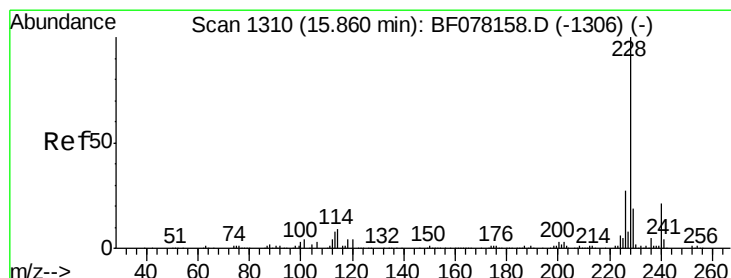
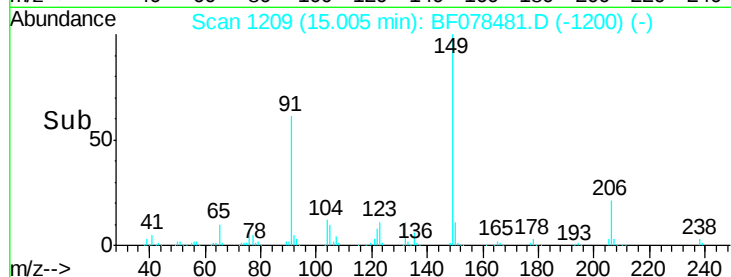
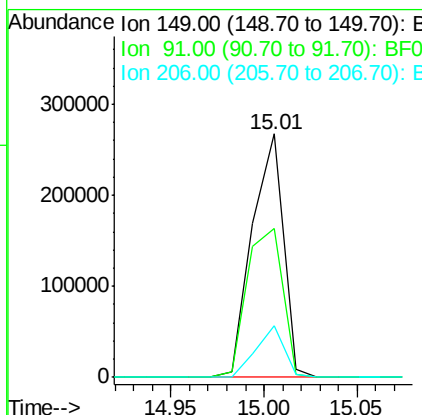
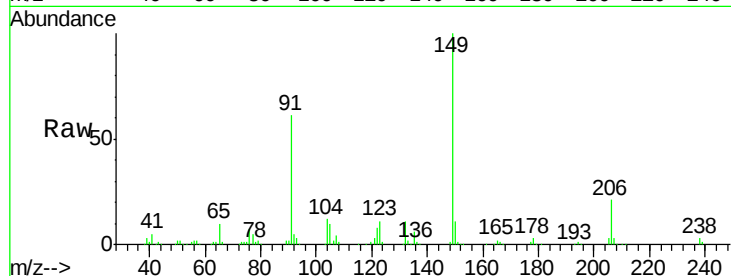
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 309804 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 61.0  | 64.2  | 96.2#  |
| 206       | 21.2  | 12.6  | 18.8#  |

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#80

Benzo(a)anthracene

Concen: 38.66 ng

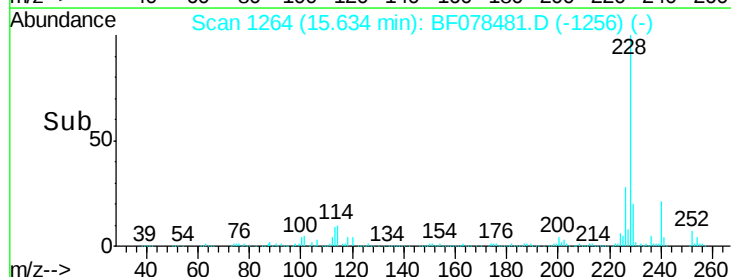
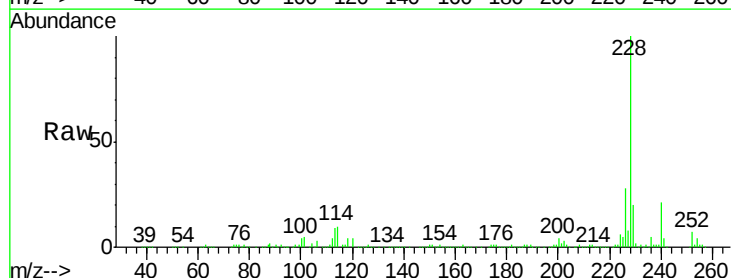
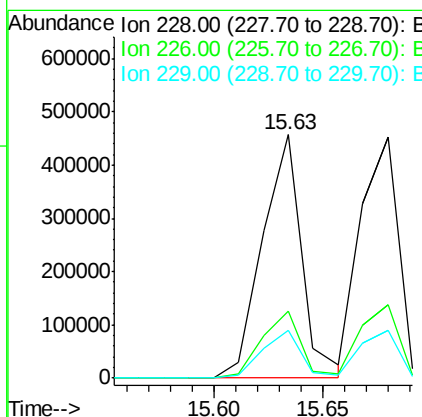
RT: 15.63 min Scan# 1264

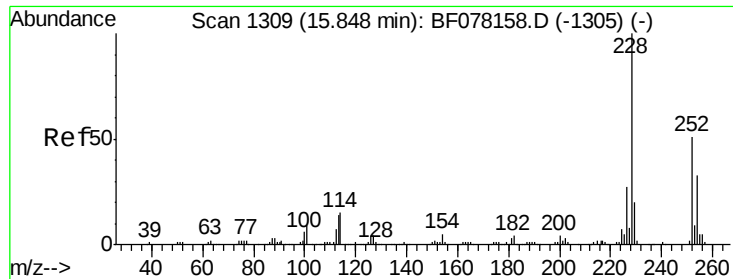
Delta R.T. -0.01 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 578410 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.7  | 21.3  | 31.9   |
| 229       | 19.7  | 15.4  | 23.2   |





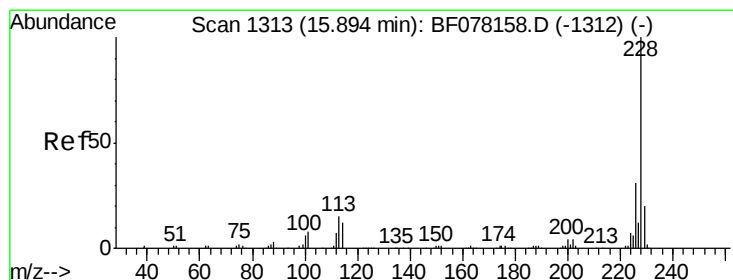
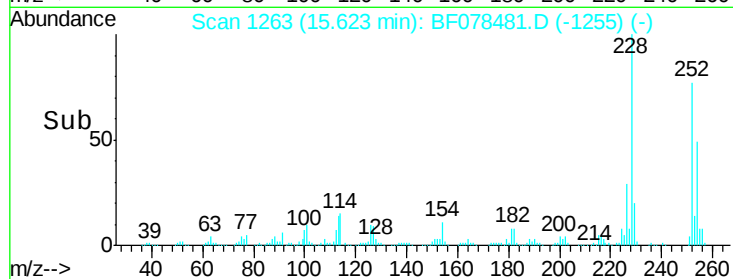
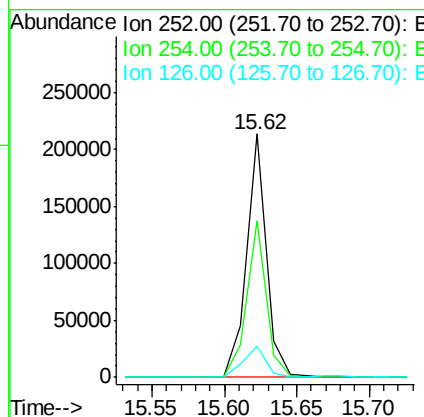
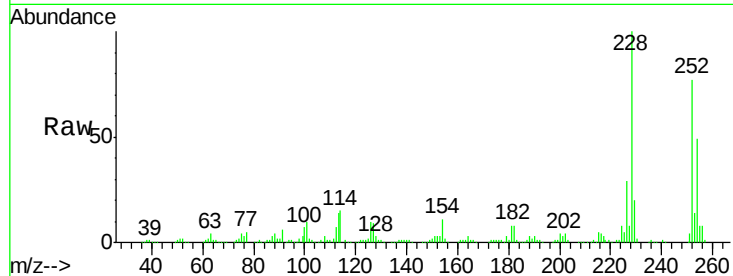
#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.45 ng  
 RT: 15.62 min Scan# 1263  
 Delta R.T. -0.01 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 64.3  | 51.2       | 76.8       |
| 126     | 13.0  | 6.3        | 9.5        |

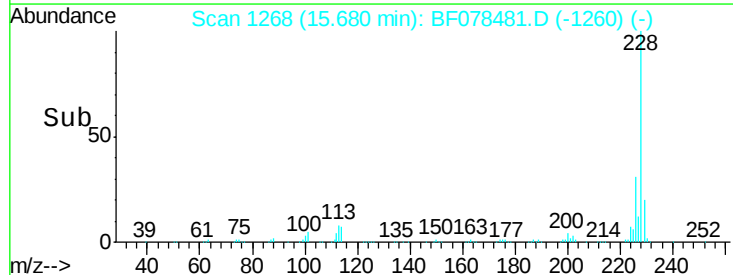
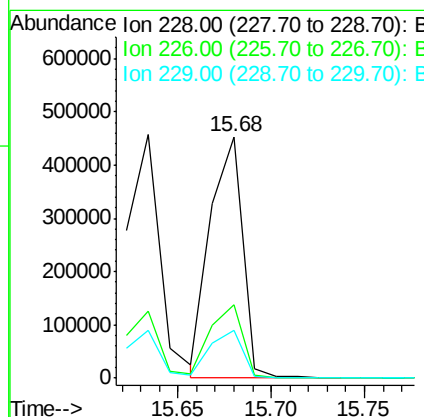
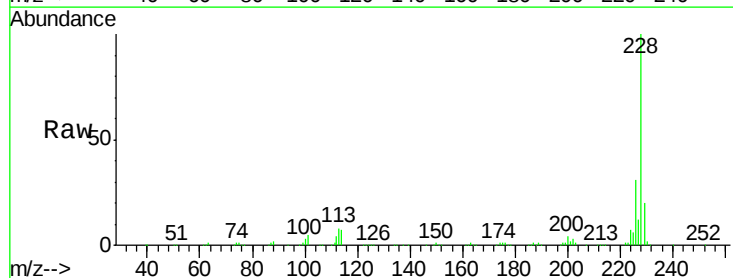
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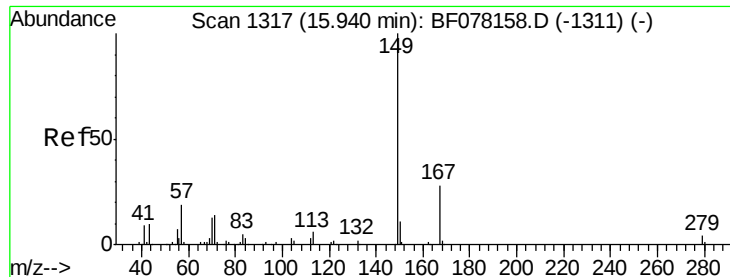
apatel  
 4/14/2015 5:25:26 PM



#82  
 Chrysene  
 Concen: 39.09 ng  
 RT: 15.68 min Scan# 1268  
 Delta R.T. -0.01 min  
 Lab File: BF078481.D  
 Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 30.6  | 24.2       | 36.4       |
| 229     | 19.6  | 15.8       | 23.8       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.99 ng

RT: 15.73 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

Instrument :

BNA\_F

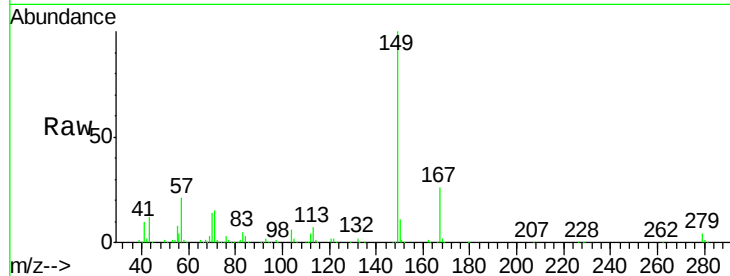
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 462288 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.5  | 22.2  | 33.2   |
| 279       | 3.7   | 3.2   | 4.8    |

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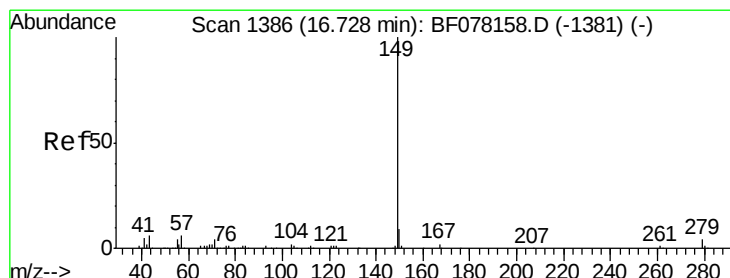
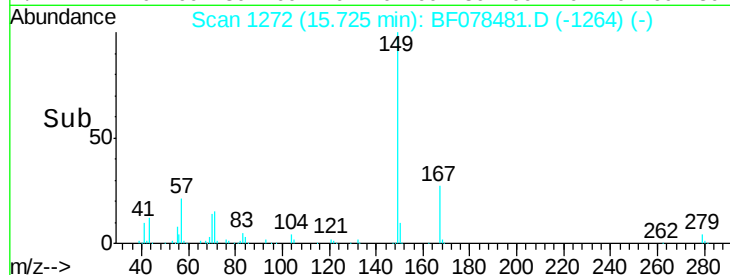
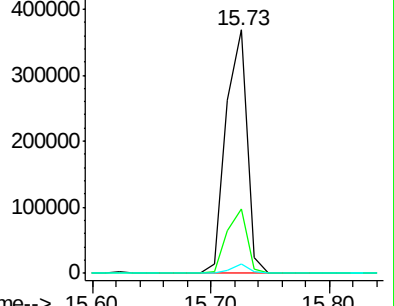
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.99 ng

RT: 16.49 min Scan# 1339

Delta R.T. -0.05 min

Lab File: BF078481.D

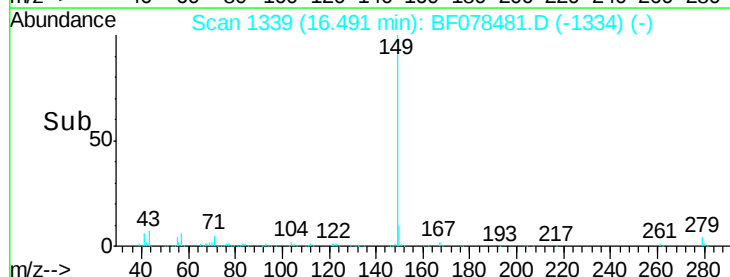
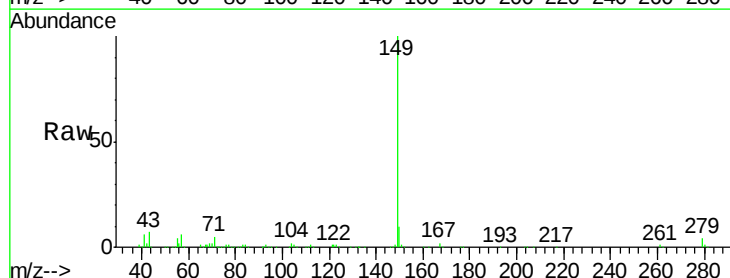
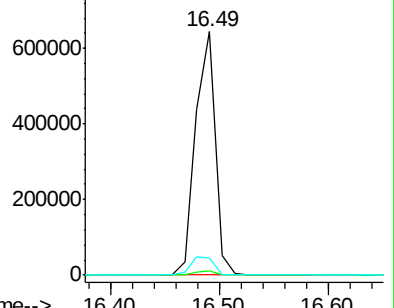
Acq: 14 Apr 2015 2:46

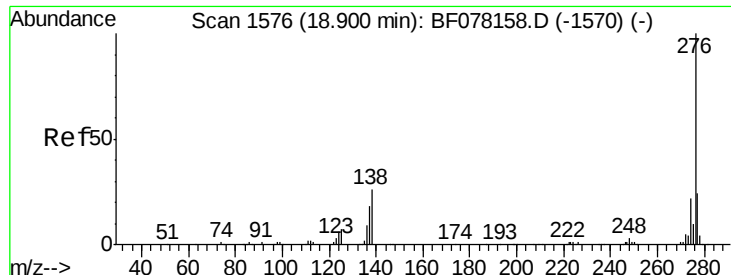
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 805559 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 0.0   | 0.0#   |
| 43        | 9.0   | 0.0   | 0.0#   |

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





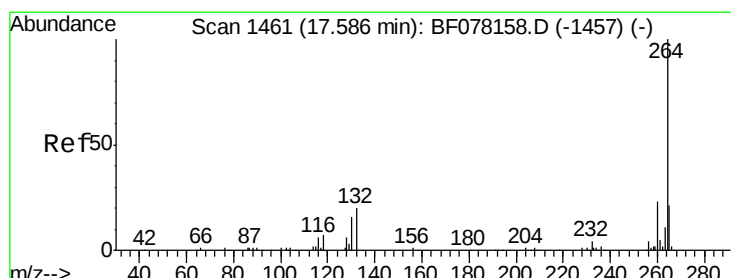
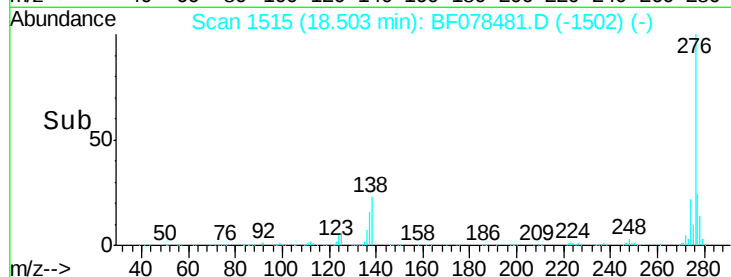
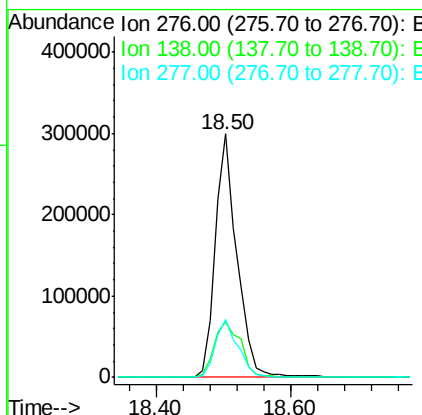
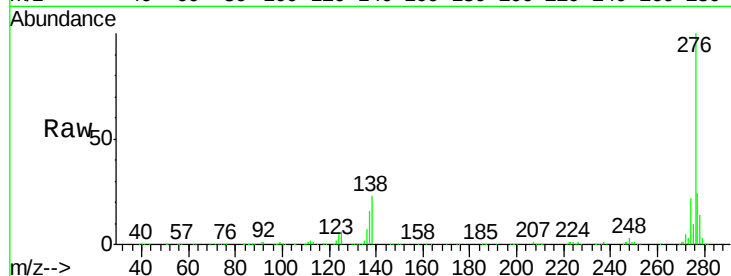
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 42.05 ng m  
RT: 18.50 min Scan# 1515  
Delta R.T. -0.15 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 670781 |       |       |
| 138     | 20.0  | 16.9   | 25.3  |       |
| 277     | 18.5  | 15.8   | 23.6  |       |

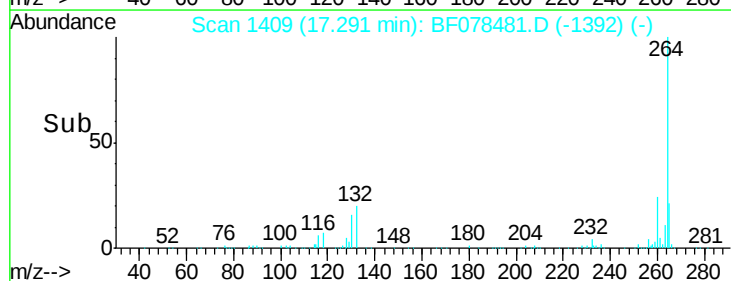
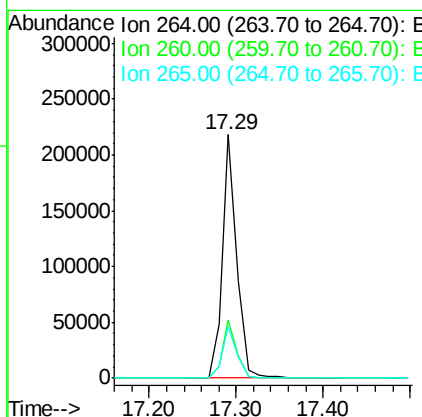
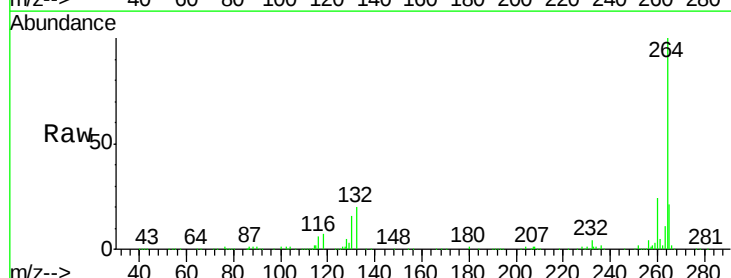
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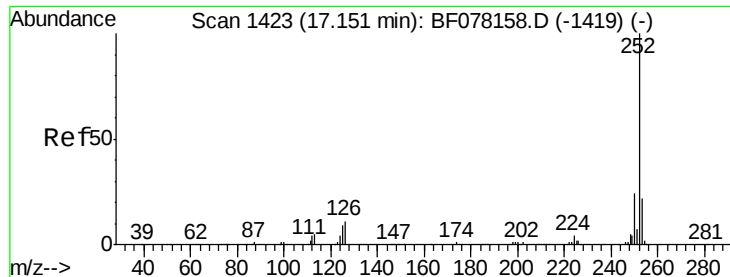
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.29 min Scan# 1409  
Delta R.T. -0.10 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 252741 |       |       |
| 260     | 23.6  | 18.6   | 27.8  |       |
| 265     | 21.1  | 17.0   | 25.6  |       |





#87

Benzo(b)fluoranthene

Concen: 36.57 ng

RT: 16.88 min Scan# 1373

Delta R.T. -0.07 min

Lab File: BF078481.D

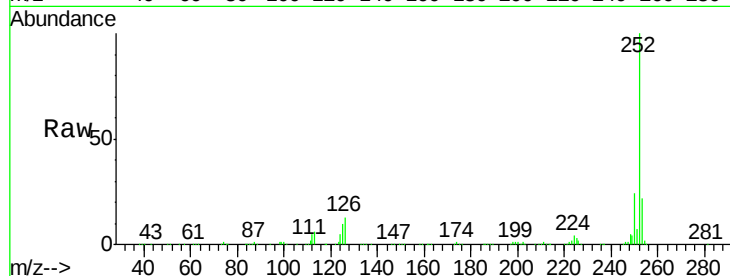
Acq: 14 Apr 2015 2:46

Instrument :

BNA\_F

ClientSampleId :

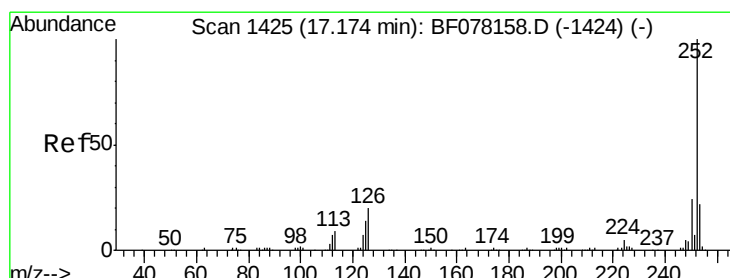
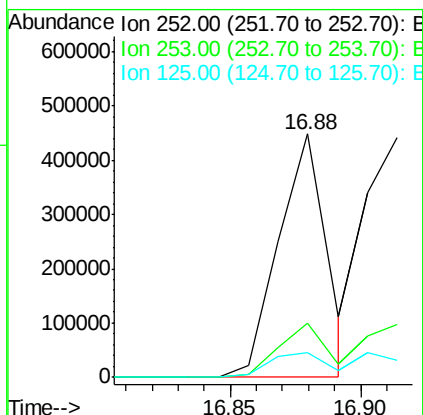
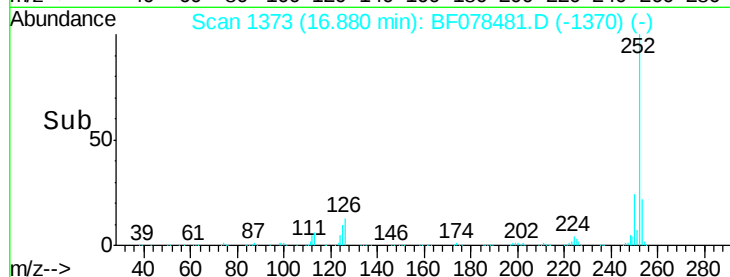
SSTDCCC040



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.2  | 25.8  |
| 125     | 10.1  | 7.0   | 10.4  |

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#88

Benzo(k)fluoranthene

Concen: 41.10 ng m

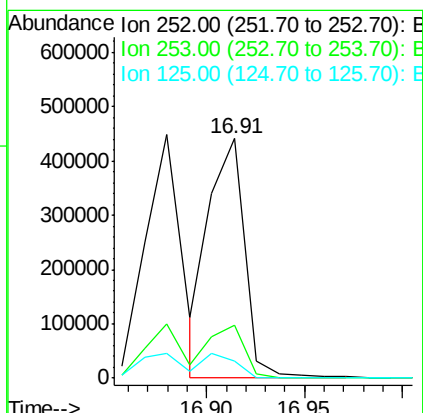
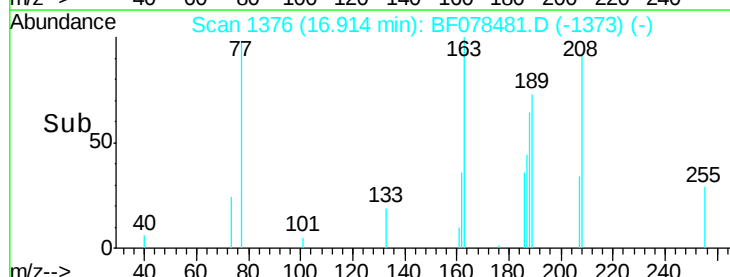
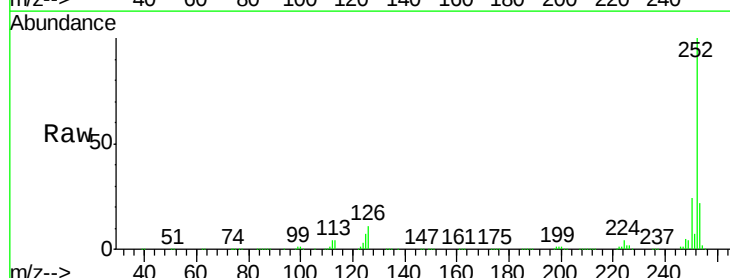
RT: 16.91 min Scan# 1376

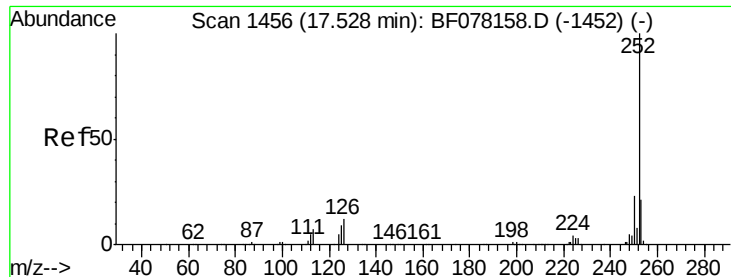
Delta R.T. -0.07 min

Lab File: BF078481.D

Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.5  | 26.3  |
| 125     | 7.3   | 11.6  | 17.4# |





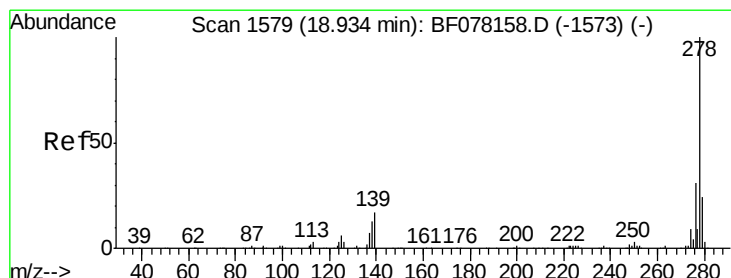
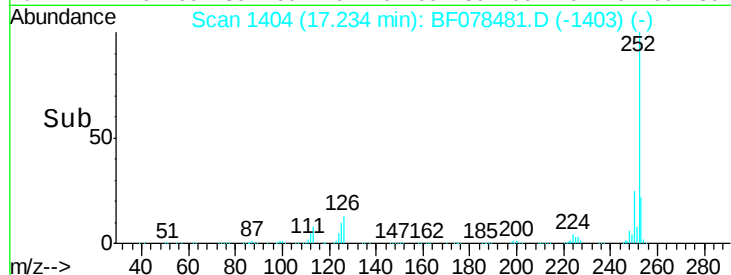
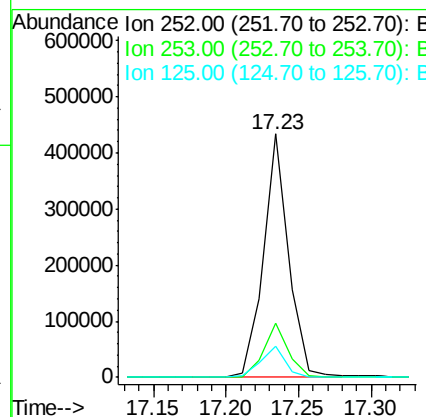
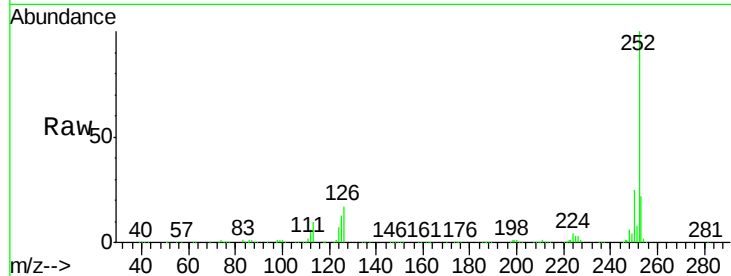
#89  
Benzo(a)pyrene  
Concen: 38.23 ng  
RT: 17.23 min Scan# 1404  
Delta R.T. -0.09 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 22.2  | 16.8       | 25.2       |
| 125     | 13.0  | 7.4        | 11.0       |

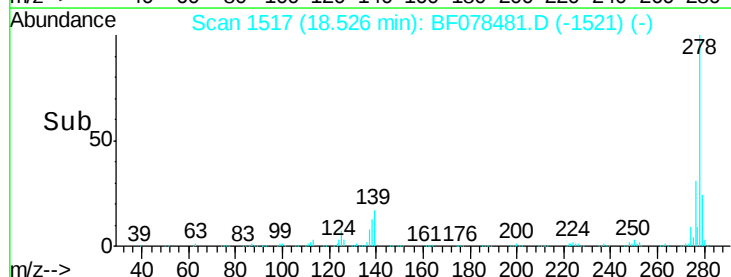
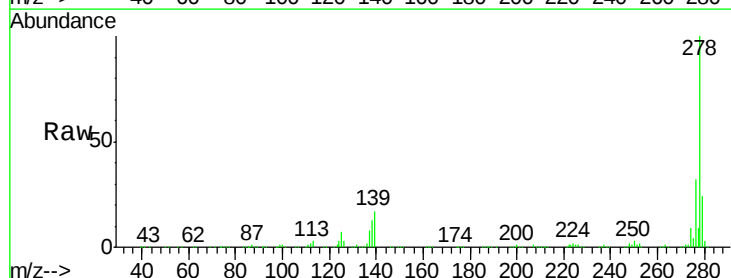
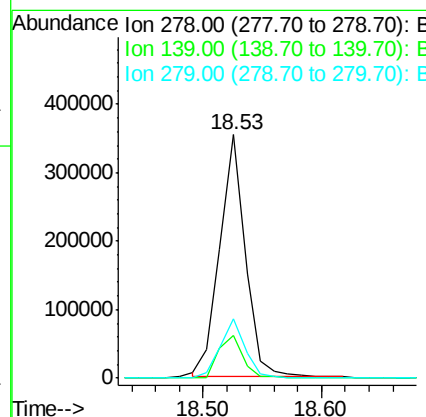
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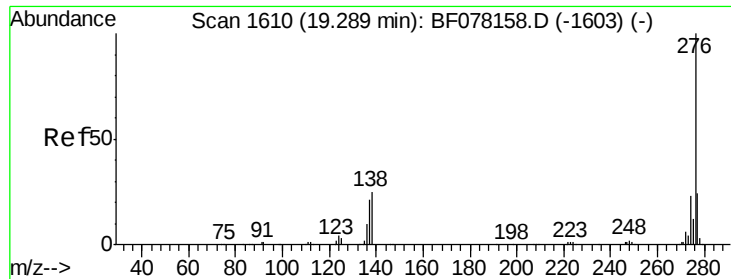
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#90  
Dibenzo(a,h)anthracene  
Concen: 38.69 ng  
RT: 18.53 min Scan# 1517  
Delta R.T. -0.15 min  
Lab File: BF078481.D  
Acq: 14 Apr 2015 2:46

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 278     | 100   |            |            |
| 139     | 17.4  | 13.6       | 20.4       |
| 279     | 24.1  | 19.0       | 28.6       |





#91

Benzo(g,h,i)perylene

Concen: 39.12 ng

RT: 18.85 min Scan# 1545

Delta R.T. -0.15 min

Lab File: BF078481.D

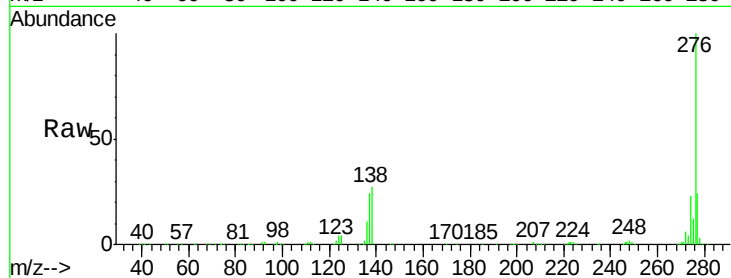
Acq: 14 Apr 2015 2:46

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040



| Tgt | Ion  | Ratio | Resp | Lower | Upper |
|-----|------|-------|------|-------|-------|
| 276 | 100  |       |      |       |       |
| 277 | 23.6 | 19.0  | 28.4 |       |       |
| 138 | 27.2 | 19.9  | 29.9 |       |       |

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