

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF093015\  
 Data File : BF081911.D  
 Acq On : 30 Sep 2015 19:47  
 Operator : UM/IZ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Manual Integrations  
 APPROVED

MMDadoda  
 10/1/2015 2:23:25 PM

Quant Time: Oct 01 07:33:22 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF092815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 28 18:10:42 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.90  | 152  | 133769   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 8.19  | 136  | 534043   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.95  | 164  | 251572   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 11.44 | 188  | 473683   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 14.08 | 240  | 317050   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 15.53 | 264  | 217937   | 20.00 | ng    | -0.05    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.50  | 112 | 546721  | 74.19  | ng | -0.02 |
| 7) Phenol-d6             | 6.54  | 99  | 697110  | 75.18  | ng | -0.02 |
| 23) Nitrobenzene-d5      | 7.47  | 82  | 598520  | 74.71  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.74 | 330 | 193058  | 75.77  | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 9.27  | 172 | 1117094 | 72.15  | ng | -0.03 |
| 78) Terphenyl-d14        | 13.02 | 244 | 970764  | 105.99 | ng | -0.03 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.53 | 88  | 129878  | 40.53 | ng | 84     |
| 3) Pyridine                    | 3.27 | 79  | 297226  | 35.63 | ng | 85     |
| 4) n-Nitrosodimethylamine      | 3.22 | 42  | 124721  | 32.91 | ng | 96     |
| 6) Aniline                     | 6.57 | 93  | 453490  | 36.40 | ng | 91     |
| 8) 2-Chlorophenol              | 6.69 | 128 | 314020  | 38.59 | ng | 88     |
| 9) Benzaldehyde                | 6.46 | 77  | 197608  | 32.54 | ng | # 82   |
| 10) Phenol                     | 6.55 | 94  | 415646  | 39.96 | ng | 77     |
| 11) bis(2-Chloroethyl)ether    | 6.64 | 93  | 315098  | 39.06 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.85 | 146 | 367512  | 38.23 | ng | # 95   |
| 13) 1,4-Dichlorobenzene        | 6.93 | 146 | 385571  | 38.42 | ng | # 95   |
| 14) 1,2-Dichlorobenzene        | 7.07 | 146 | 332264m | 37.15 | ng |        |
| 15) Benzyl Alcohol             | 7.05 | 79  | 232364  | 34.72 | ng | # 79   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.19 | 45  | 449417  | 39.41 | ng | 80     |
| 17) 2-Methylphenol             | 7.15 | 107 | 246509  | 37.36 | ng | # 84   |
| 18) Hexachloroethane           | 7.42 | 117 | 125043  | 39.80 | ng | # 85   |
| 19) n-Nitroso-di-n-propylamine | 7.33 | 70  | 220954  | 39.21 | ng | # 77   |
| 20) 3+4-Methylphenols          | 7.31 | 107 | 292774  | 35.13 | ng | # 73   |
| 22) Acetophenone               | 7.33 | 105 | 410767  | 37.62 | ng | # 84   |
| 24) Nitrobenzene               | 7.50 | 77  | 352917  | 40.57 | ng | # 74   |
| 25) Isophorone                 | 7.74 | 82  | 586099  | 36.91 | ng | # 96   |
| 26) 2-Nitrophenol              | 7.81 | 139 | 165562  | 39.65 | ng | # 52   |
| 27) 2,4-Dimethylphenol         | 7.85 | 122 | 265136  | 36.09 | ng | 88     |
| 28) bis(2-Chloroethoxy)methane | 7.94 | 93  | 351327  | 37.26 | ng | # 94   |
| 29) 2,4-Dichlorophenol         | 8.05 | 162 | 274151  | 38.49 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 8.14 | 180 | 310958  | 39.10 | ng | 99     |
| 31) Naphthalene                | 8.22 | 128 | 945801  | 39.97 | ng | 97     |
| 32) Benzoic acid               | 7.95 | 122 | 138564  | 34.05 | ng | # 71   |
| 33) 4-Chloroaniline            | 8.26 | 127 | 374005  | 36.55 | ng | # 85   |
| 34) Hexachlorobutadiene        | 8.33 | 225 | 189029  | 40.19 | ng | 98     |
| 35) Caprolactam                | 8.64 | 113 | 68574   | 34.77 | ng | # 78   |
| 36) 4-Chloro-3-methylphenol    | 8.74 | 107 | 262901  | 37.75 | ng | # 83   |
| 37) 2-Methylnaphthalene        | 8.90 | 142 | 573139  | 35.48 | ng | # 91   |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.07 | 216 | 306973  | 39.75 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.05 | 237 | 152854  | 38.43 | ng | 94     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 28 18:10:42 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.19  | 196  | 187961   | 35.50 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.22  | 196  | 234342   | 43.04 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 9.37  | 154  | 748359   | 38.56 | ng    | 95       |
| 46) 2-Chloronaphthalene        | 9.39  | 162  | 570580   | 37.44 | ng    | 93       |
| 47) 2-Nitroaniline             | 9.50  | 65   | 175161   | 39.15 | ng    | # 83     |
| 48) Acenaphthylene             | 9.82  | 152  | 923072   | 37.84 | ng    | 97       |
| 49) Dimethylphthalate          | 9.67  | 163  | 645731   | 37.19 | ng    | # 97     |
| 50) 2,6-Dinitrotoluene         | 9.74  | 165  | 150702   | 39.97 | ng    | # 74     |
| 51) Acenaphthene               | 9.99  | 154  | 555228   | 38.33 | ng    | 88       |
| 52) 3-Nitroaniline             | 9.91  | 138  | 174161   | 39.93 | ng    | # 72     |
| 53) 2,4-Dinitrophenol          | 10.01 | 184  | 55197    | 43.72 | ng    | # 57     |
| 54) Dibenzofuran               | 10.16 | 168  | 768210   | 37.53 | ng    | 95       |
| 55) 4-Nitrophenol              | 10.07 | 139  | 105719   | 33.55 | ng    | # 70     |
| 56) 2,4-Dinitrotoluene         | 10.14 | 165  | 188060   | 39.13 | ng    | # 79     |
| 57) Fluorene                   | 10.50 | 166  | 599714   | 40.76 | ng    | 92       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.27 | 232  | 180083   | 41.69 | ng    | 90       |
| 59) Diethylphthalate           | 10.37 | 149  | 621472   | 38.31 | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.49 | 204  | 300367   | 40.08 | ng    | 93       |
| 61) 4-Nitroaniline             | 10.53 | 138  | 167596   | 38.32 | ng    | # 53     |
| 62) Azobenzene                 | 10.65 | 77   | 638884   | 40.36 | ng    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.55 | 198  | 88284    | 42.28 | ng    | # 65     |
| 65) n-Nitrosodiphenylamine     | 10.62 | 169  | 550636   | 38.42 | ng    | 93       |
| 66) 4-Bromophenyl-phenylether  | 10.98 | 248  | 194950   | 40.82 | ng    | 94       |
| 67) Hexachlorobenzene          | 11.04 | 284  | 187022   | 34.70 | ng    | # 90     |
| 68) Atrazine                   | 11.14 | 200  | 166608   | 37.47 | ng    | 85       |
| 69) Pentachlorophenol          | 11.23 | 266  | 119637   | 38.95 | ng    | 99       |
| 70) Phenanthrene               | 11.46 | 178  | 893325   | 38.97 | ng    | 96       |
| 71) Anthracene                 | 11.51 | 178  | 950889   | 39.50 | ng    | 97       |
| 72) Carbazole                  | 11.67 | 167  | 854765   | 39.23 | ng    | 95       |
| 73) Di-n-butylphthalate        | 12.00 | 149  | 829992   | 37.16 | ng    | # 99     |
| 74) Fluoranthene               | 12.65 | 202  | 819321   | 32.29 | ng    | 87       |
| 76) Benzidine                  | 12.78 | 184  | 345224   | 36.14 | ng    | # 96     |
| 77) Pyrene                     | 12.88 | 202  | 808252   | 42.67 | ng    | 96       |
| 79) Butylbenzylphthalate       | 13.50 | 149  | 333913   | 46.85 | ng    | 95       |
| 80) Benzo(a)anthracene         | 14.07 | 228  | 631727   | 37.00 | ng    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 14.04 | 252  | 232531   | 40.33 | ng    | # 93     |
| 82) Chrysene                   | 14.10 | 228  | 673100m  | 45.36 | ng    |          |
| 83) Bis(2-ethylhexyl)phthalate | 14.06 | 149  | 421265   | 47.12 | ng    | 95       |
| 84) Di-n-octyl phthalate       | 14.66 | 149  | 605760   | 41.63 | ng    | # 92     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.97 | 276  | 510610   | 38.23 | ng    | # 87     |
| 87) Benzo(b)fluoranthene       | 15.11 | 252  | 484770   | 38.96 | ng    | # 86     |
| 88) Benzo(k)fluoranthene       | 15.13 | 252  | 539600m  | 47.32 | ng    |          |
| 89) Benzo(a)pyrene             | 15.48 | 252  | 454580   | 42.12 | ng    | # 84     |
| 90) Dibenzo(a,h)anthracene     | 17.00 | 278  | 419112   | 46.28 | ng    | # 81     |
| 91) Benzo(g,h,i)perylene       | 17.41 | 276  | 421957   | 45.47 | ng    | # 76     |

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

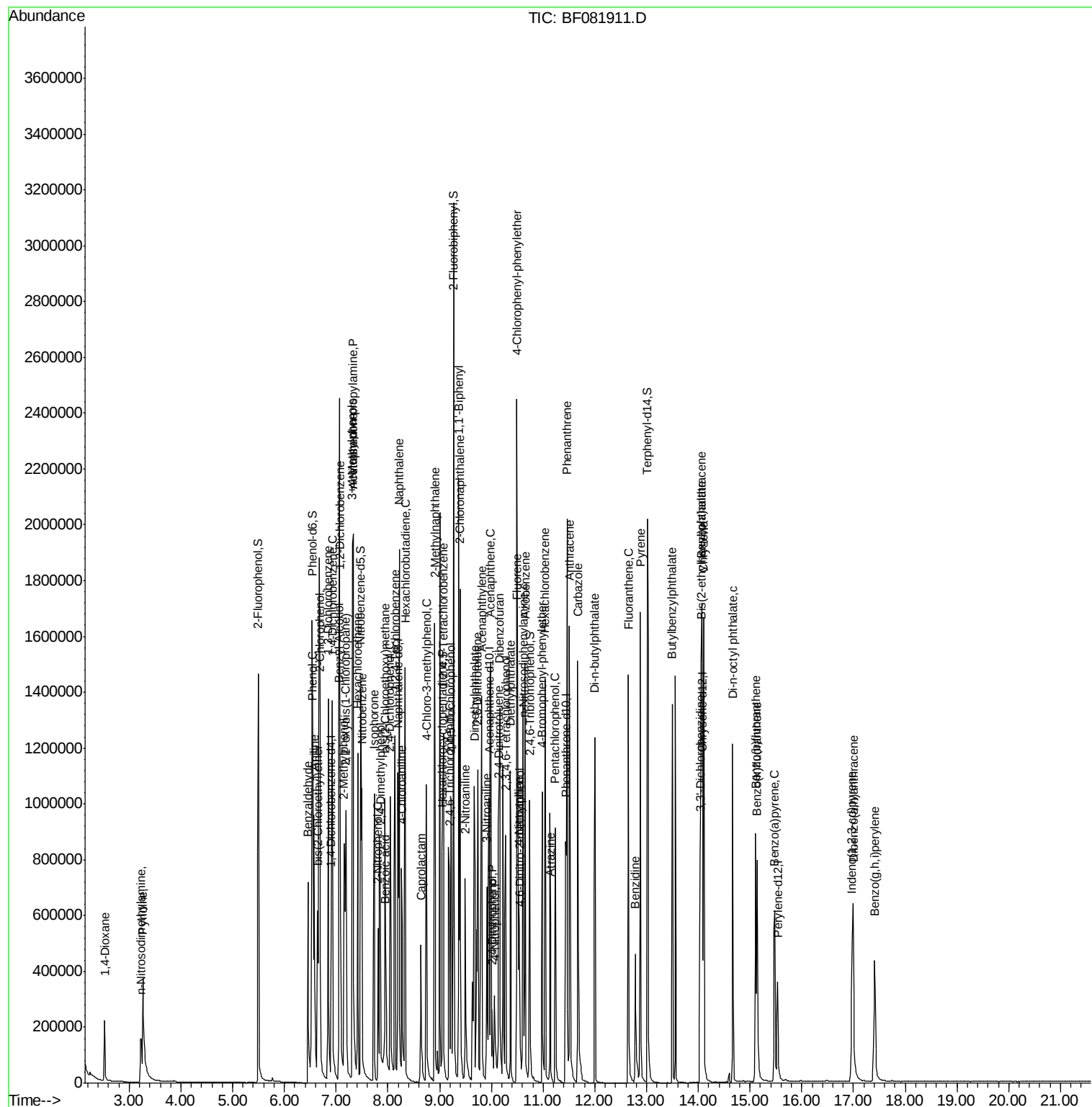
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF093015\  
Data File : BF081911.D  
Acq On : 30 Sep 2015 19:47  
Operator : UM/IZ  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

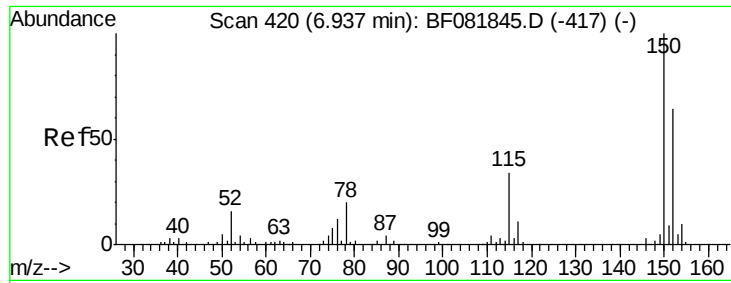
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

Manual Integrations  
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Quant Time: Oct 01 07:33:22 2015  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Sep 28 18:10:42 2015  
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#1

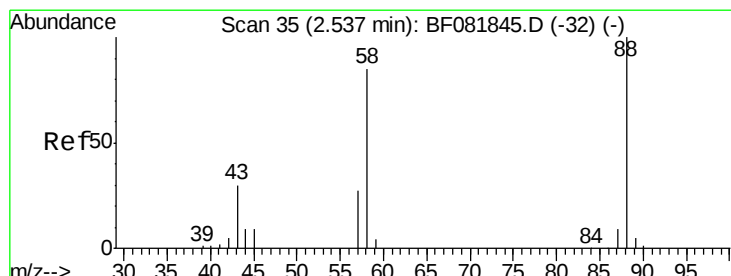
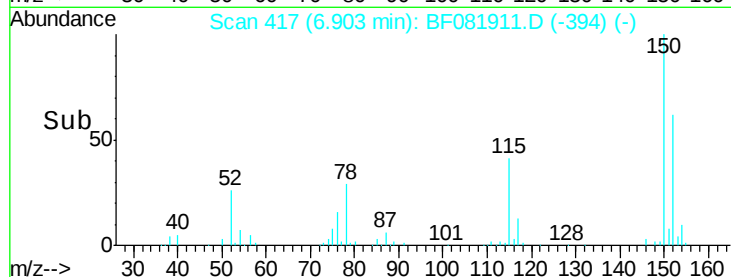
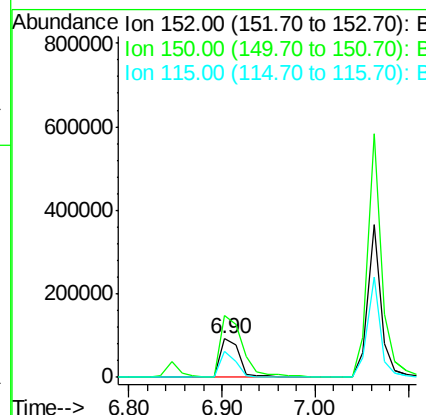
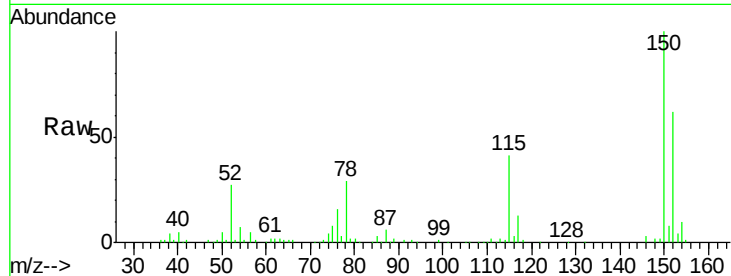
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.90 min Scan# 417  
Delta R.T. -0.03 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 161.0 | 124.7 | 187.1 |
| 115     | 66.3  | 39.0  | 58.4  |

Manual Integrations  
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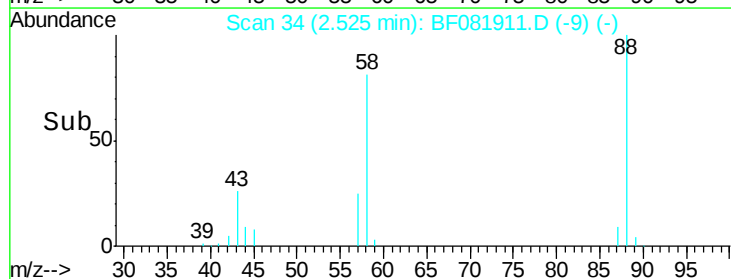
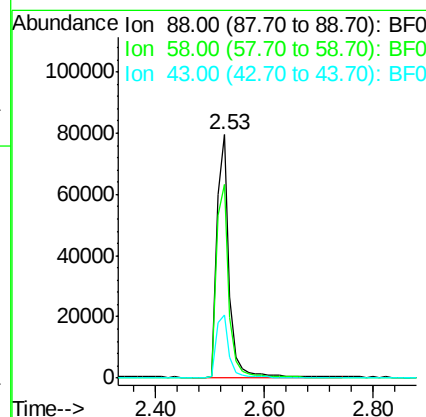
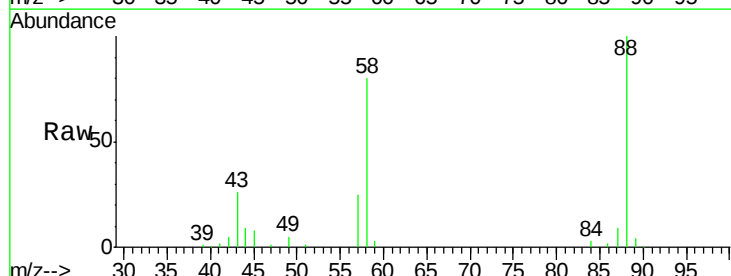
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#2

1,4-Dioxane  
Concen: 40.53 ng  
RT: 2.53 min Scan# 34  
Delta R.T. -0.01 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 79.7  | 77.7  | 116.5 |
| 43      | 27.1  | 26.6  | 40.0  |





#3

Pyridine

Concen: 35.63 ng

RT: 3.27 min Scan# 99

Delta R.T. -0.03 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

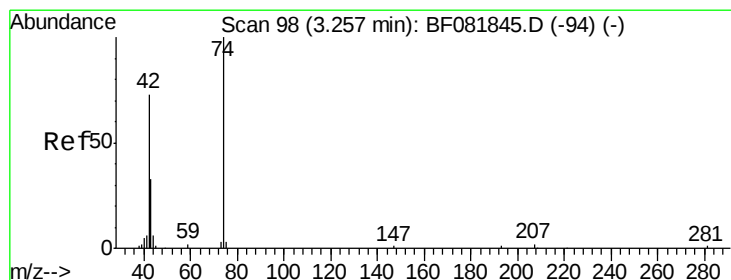
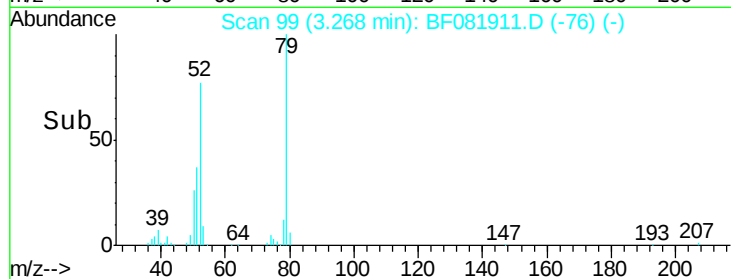
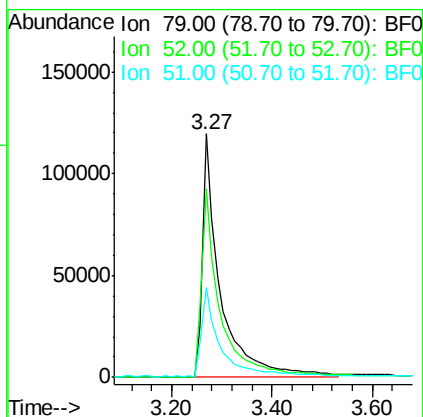
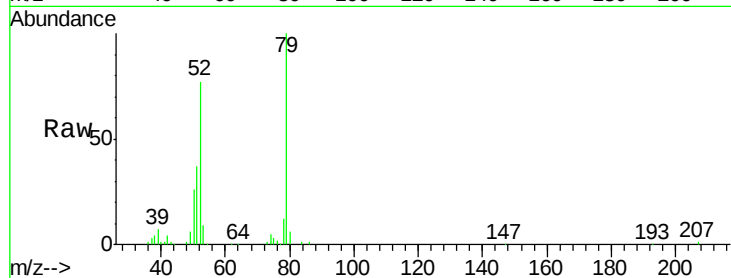
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 297226 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 77.5  | 76.8  | 115.2  |
| 51       | 37.0  | 32.2  | 48.4   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 32.91 ng

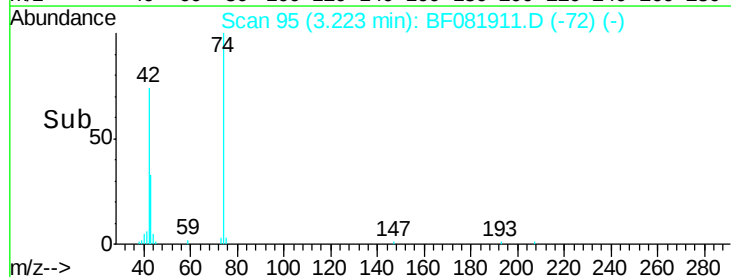
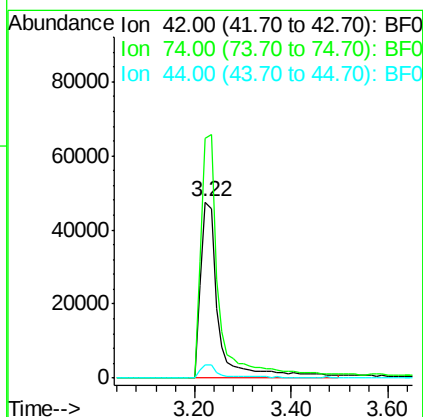
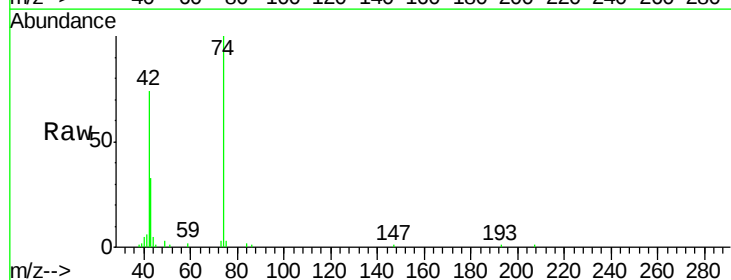
RT: 3.22 min Scan# 95

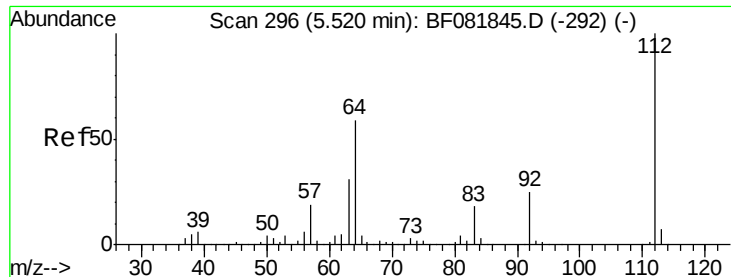
Delta R.T. -0.03 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 124721 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 74       | 136.0 | 105.0 | 157.6  |
| 44       | 7.5   | 6.6   | 10.0   |





#5

2-Fluorophenol

Concen: 74.19 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

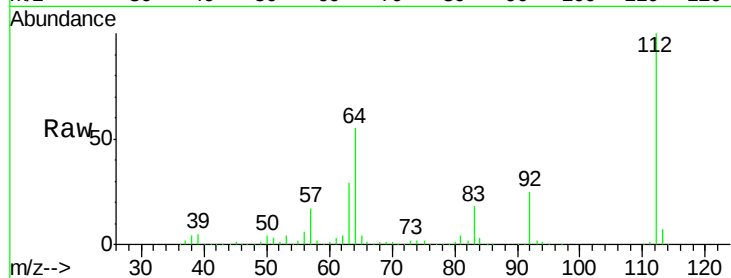
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 546721 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 55.3  | 39.7  | 59.5   |
| 63        | 28.5  | 17.4  | 26.0   |

Manual Integrations  
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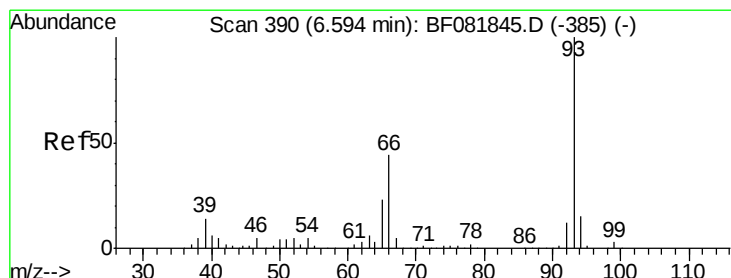
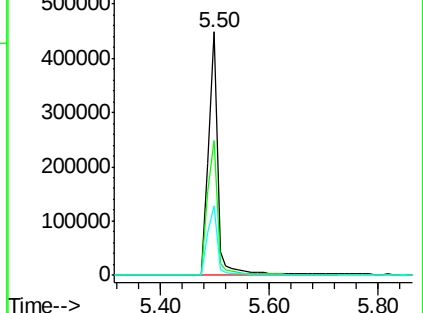
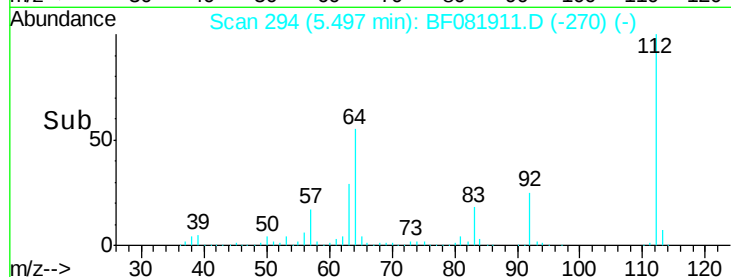
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 36.40 ng

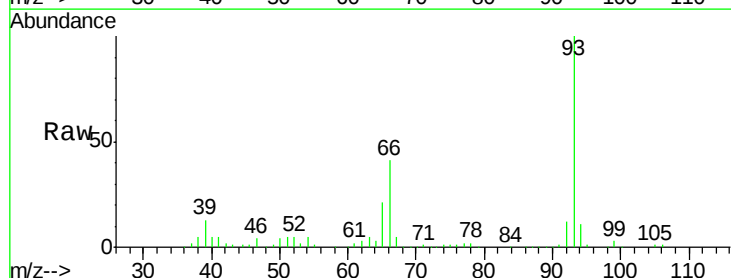
RT: 6.57 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

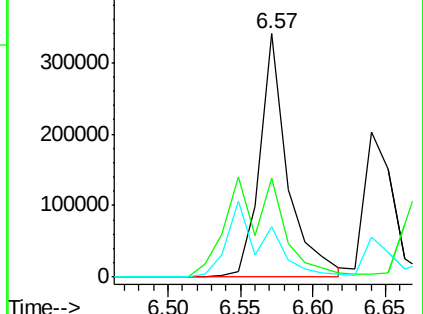
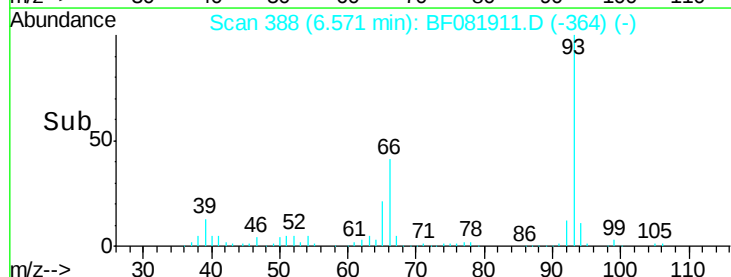
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 453490 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 40.6  | 27.2  | 40.8   |
| 65        | 20.6  | 14.7  | 22.1   |

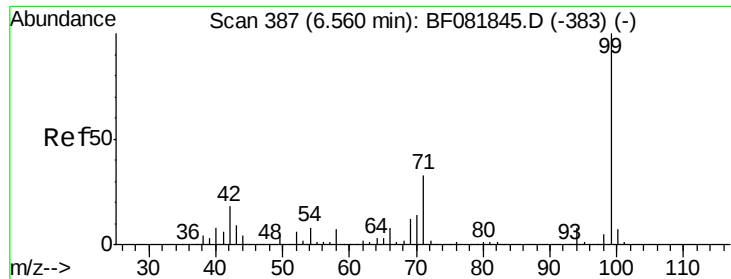


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.18 ng

RT: 6.54 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

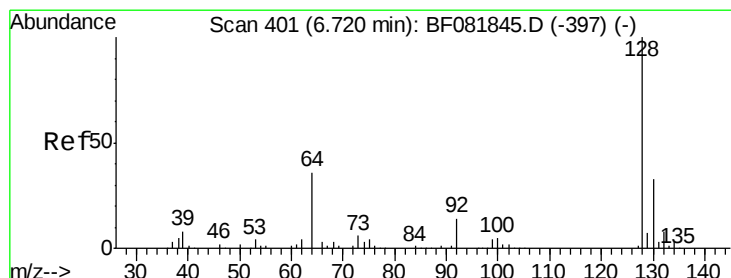
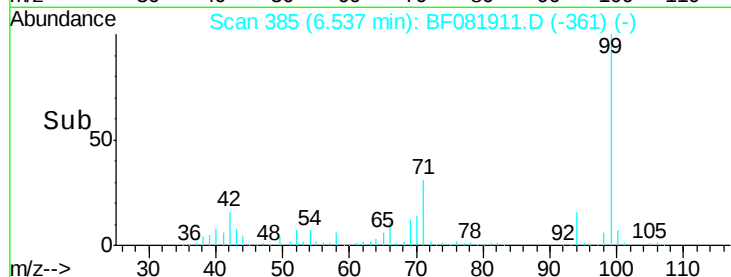
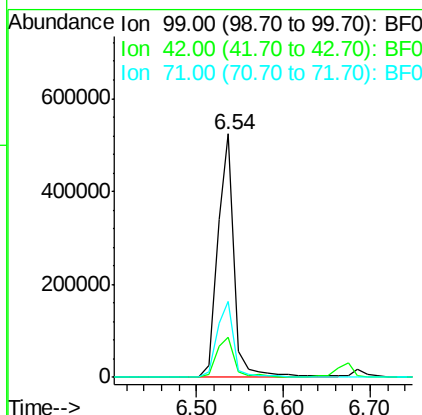
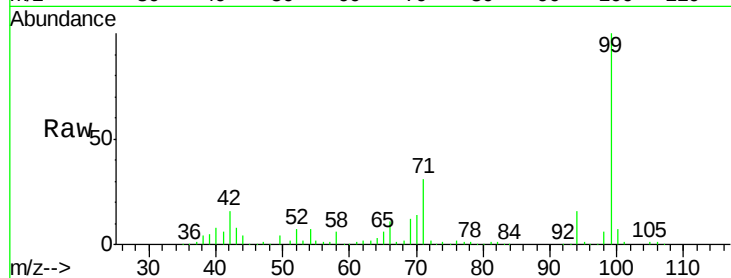
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 697110 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 16.3  | 13.7  | 20.5   |
| 71        | 31.4  | 14.2  | 21.2#  |

Manual Integrations  
APPROVED

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#8

2-Chlorophenol

Concen: 38.59 ng

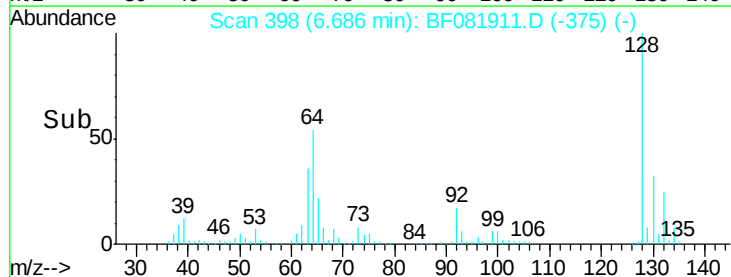
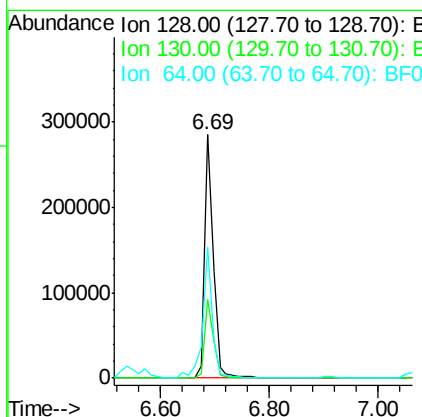
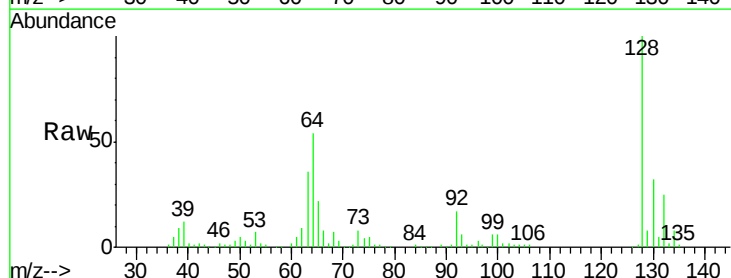
RT: 6.69 min Scan# 398

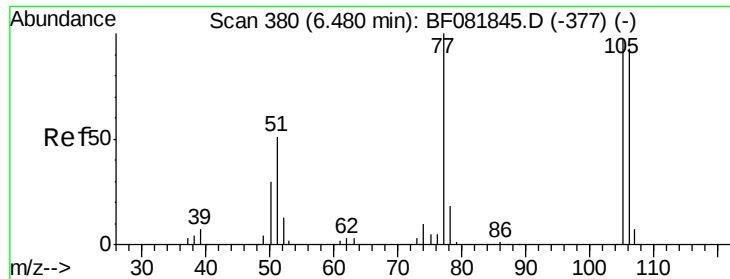
Delta R.T. -0.03 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 314020 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.3  | 12.2  | 52.2   |
| 64        | 54.0  | 20.5  | 60.5   |





#9

Benzaldehyde

Concen: 32.54 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

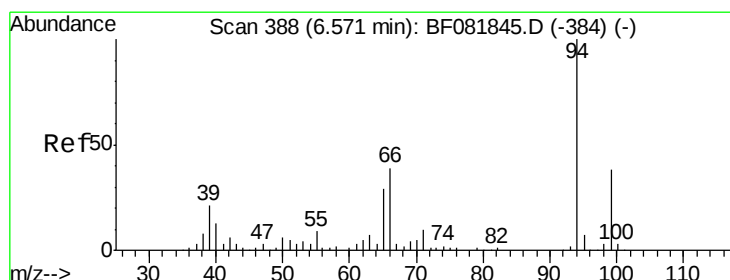
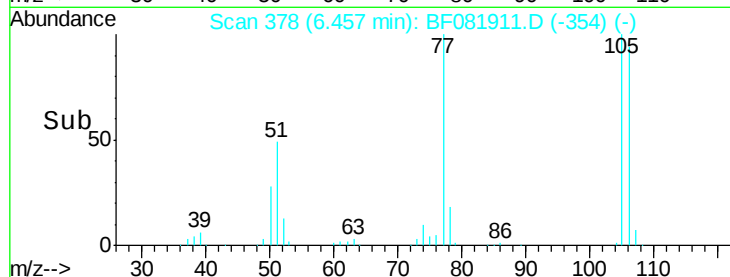
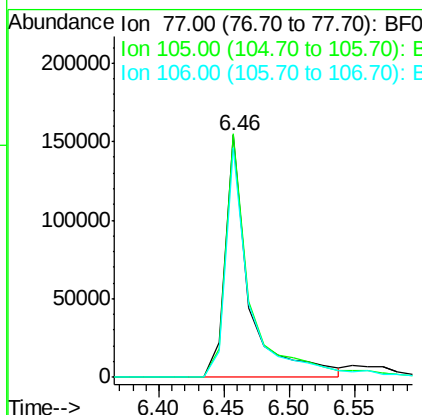
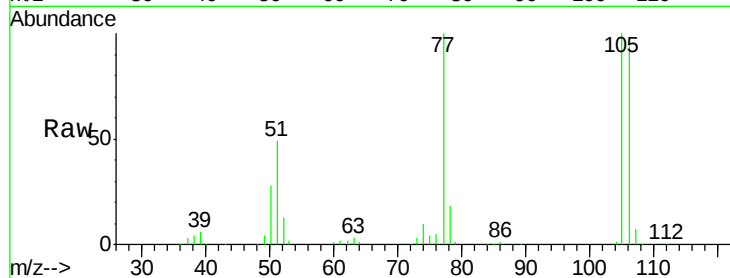
ClientSampleId :

SSTDCCC040

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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 100.5 | 91.6  | 131.6 |
| 106     | 94.9  | 102.6 | 142.6 |



#10

Phenol

Concen: 39.96 ng

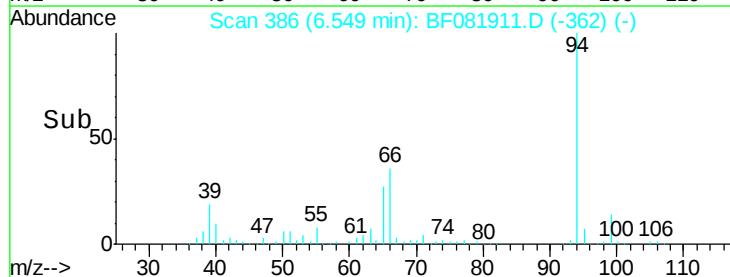
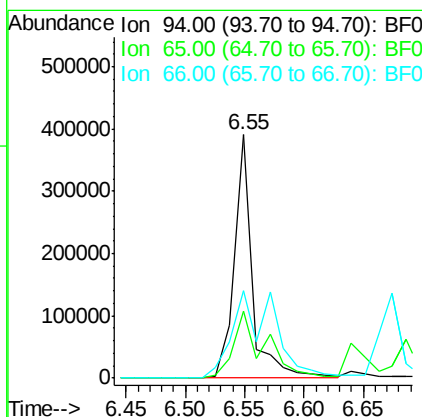
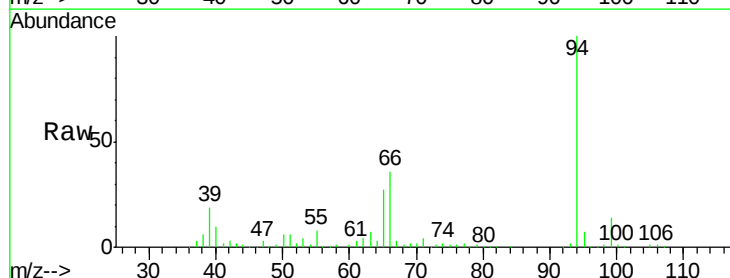
RT: 6.55 min Scan# 386

Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 27.2  | 0.7   | 40.7  |
| 66      | 35.9  | 0.8   | 40.8  |





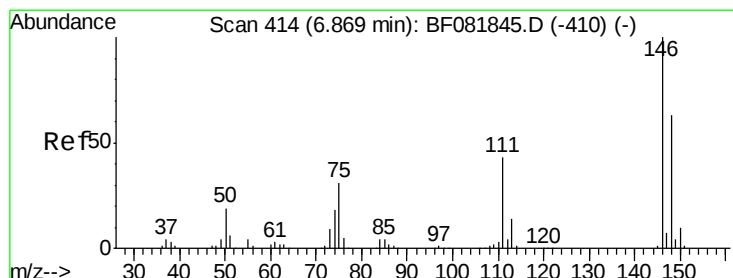
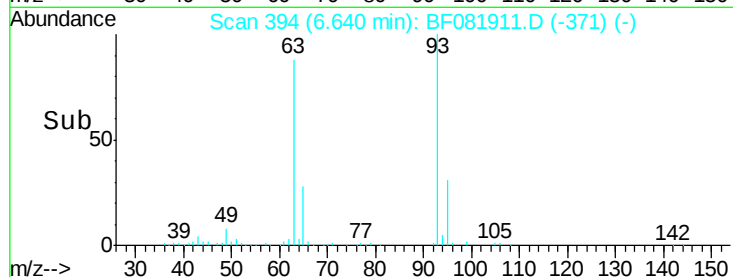
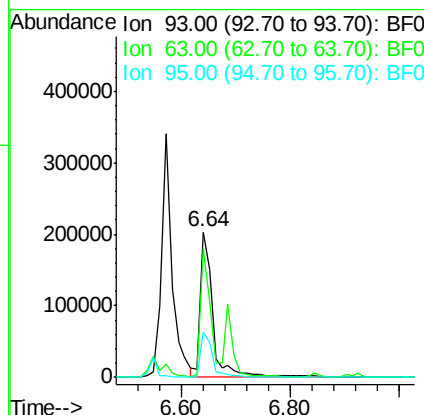
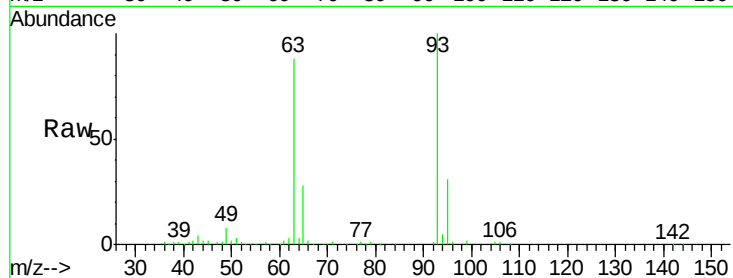
#11  
bis(2-Chloroethyl)ether  
Concen: 39.06 ng  
RT: 6.64 min Scan# 394  
Delta R.T. -0.03 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 315098 |       |       |
| 63      | 88.4  | 65.6   | 105.6 |       |
| 95      | 31.4  | 13.6   | 53.6  |       |

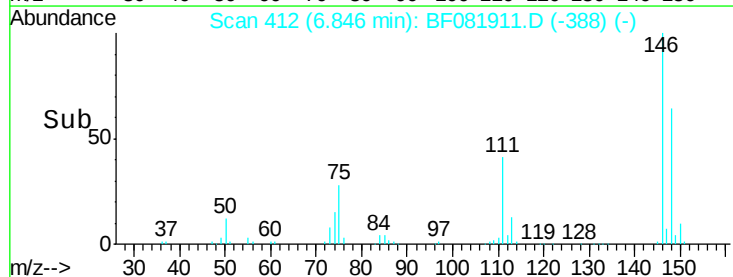
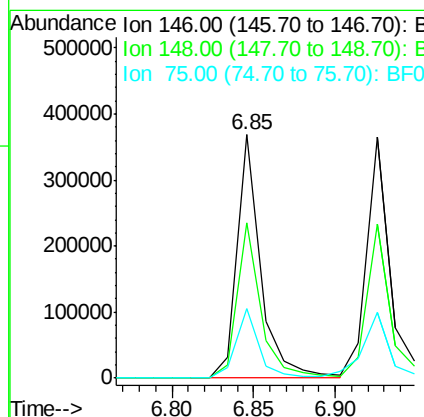
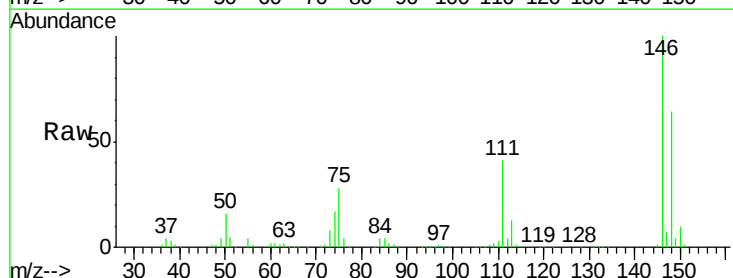
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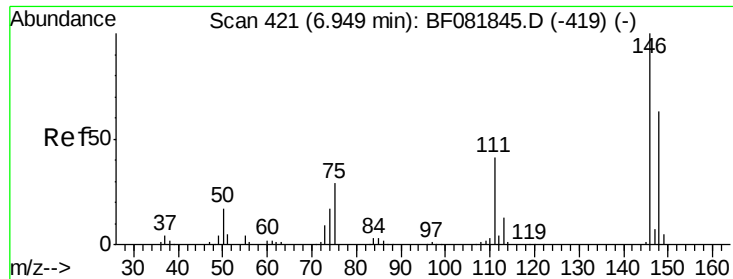
MMDadoda  
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#12  
1,3-Dichlorobenzene  
Concen: 38.23 ng  
RT: 6.85 min Scan# 412  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 367512 |       |       |
| 148     | 63.6  | 51.0   | 76.4  |       |
| 75      | 28.3  | 15.0   | 22.6  |       |





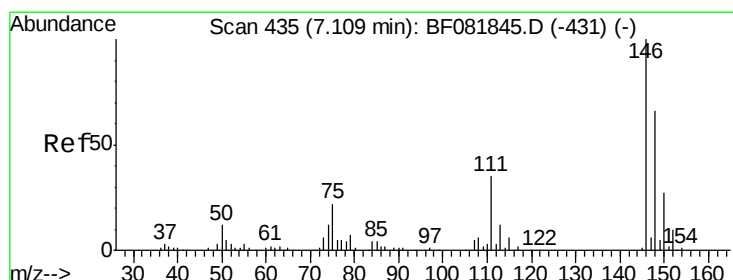
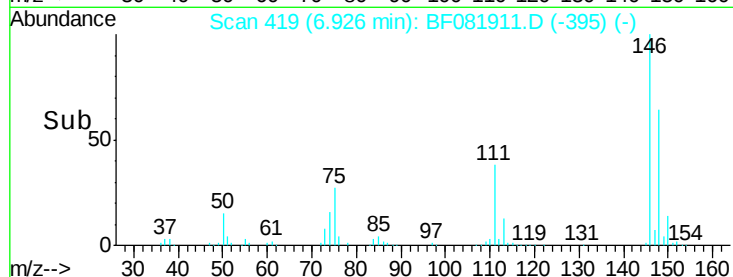
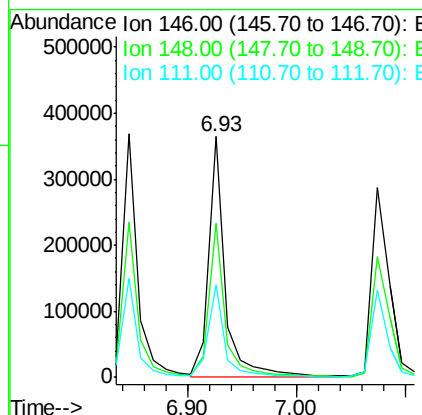
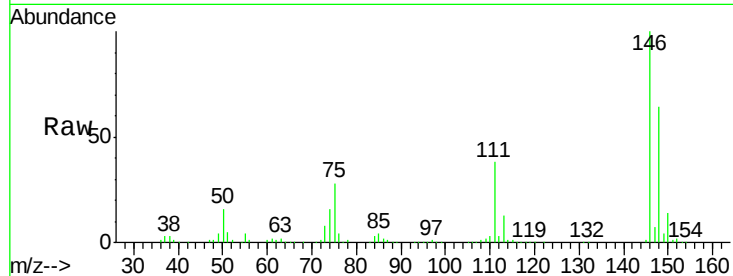
#13  
1,4-Dichlorobenzene  
Concen: 38.42 ng  
RT: 6.93 min Scan# 419  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 385571 |       |       |
| 148     | 64.3  | 51.8   | 77.6  |       |
| 111     | 38.3  | 24.9   | 37.3# |       |

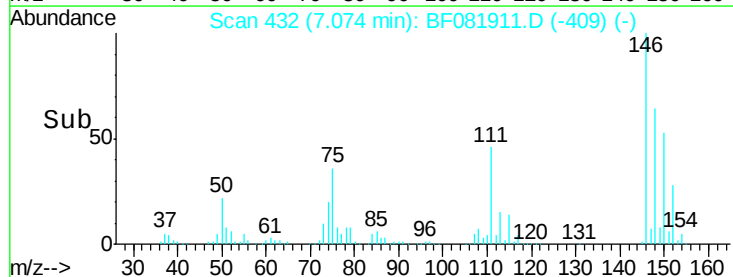
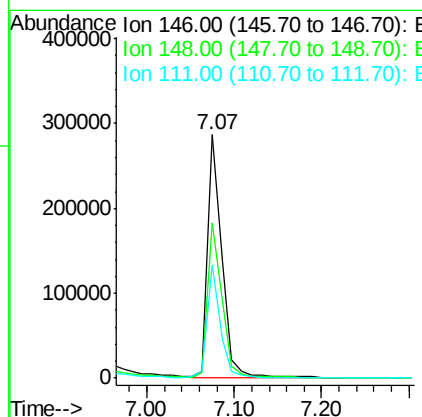
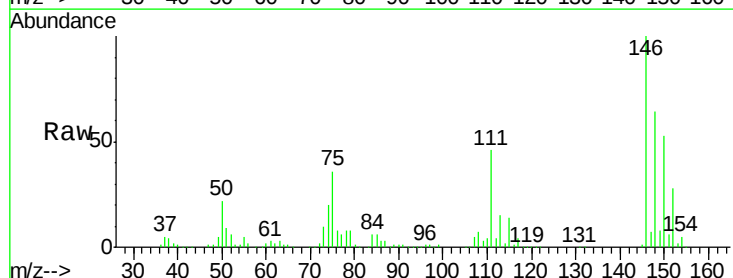
Manual Integrations  
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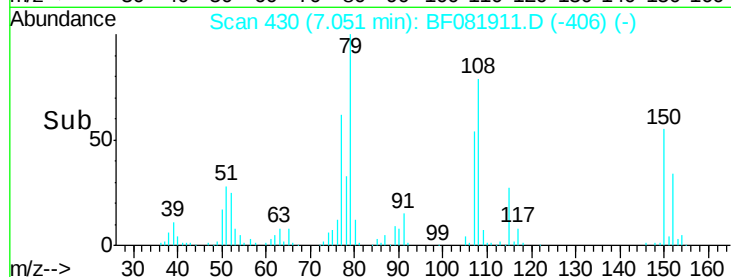
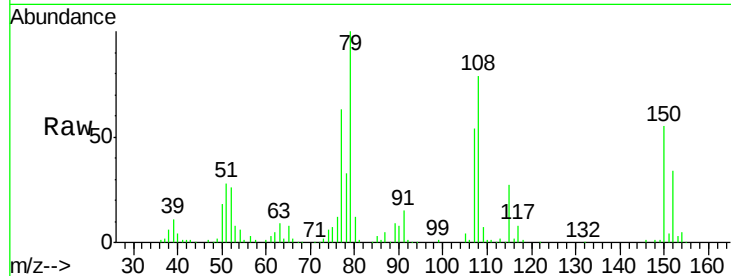
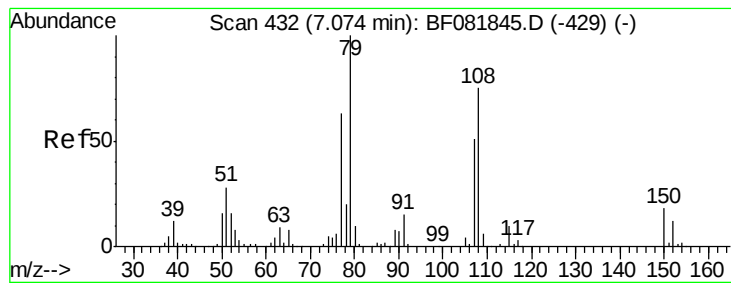
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#14  
1,2-Dichlorobenzene  
Concen: 37.15 ng m  
RT: 7.07 min Scan# 432  
Delta R.T. -0.03 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 332264 |       |       |
| 148     | 63.7  | 52.7   | 79.1  |       |
| 111     | 46.3  | 28.8   | 43.2# |       |





#15

Benzyl Alcohol

Concen: 34.72 ng

RT: 7.05 min Scan# 430

Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 232364 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 78.9  | 88.6  | 132.8# |
| 77        | 62.5  | 47.0  | 70.4   |

Instrument :

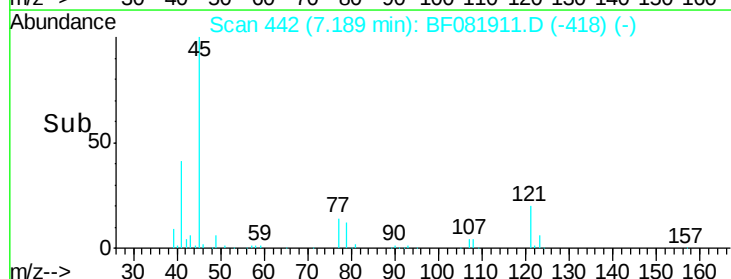
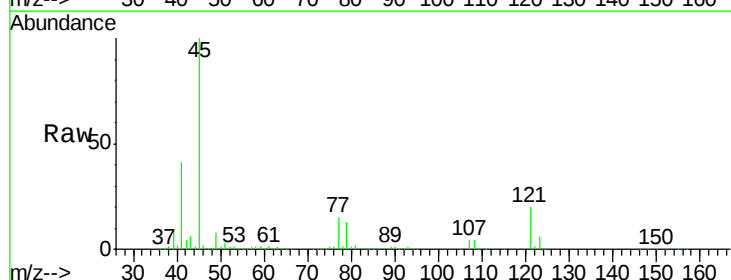
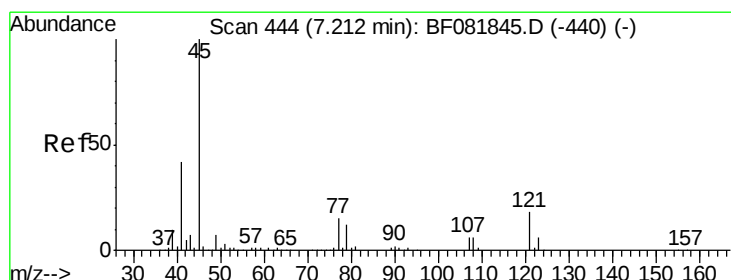
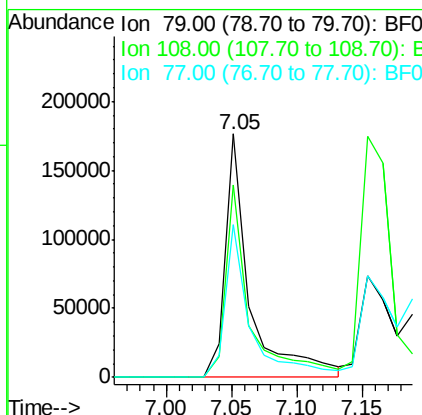
BNA\_F

ClientSampleId :

SSTDCCC040

Manual Integrations  
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.41 ng

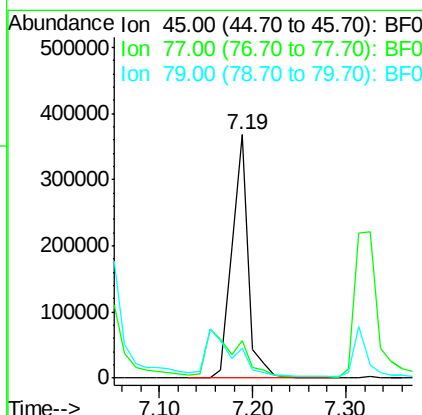
RT: 7.19 min Scan# 442

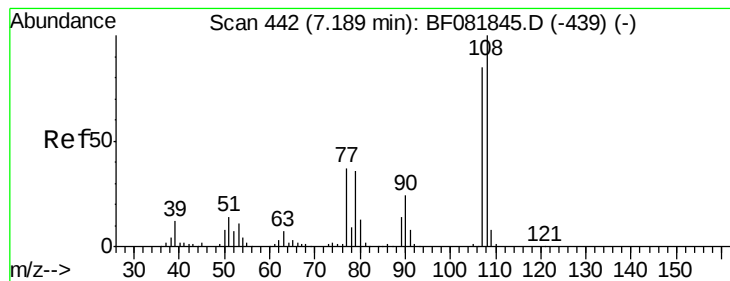
Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 449417 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.4  | 0.0   | 28.1   |
| 79        | 12.5  | 0.0   | 26.0   |





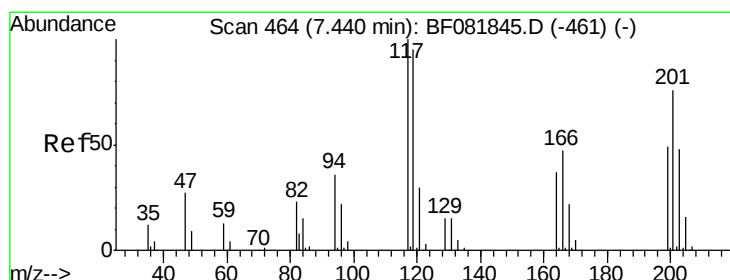
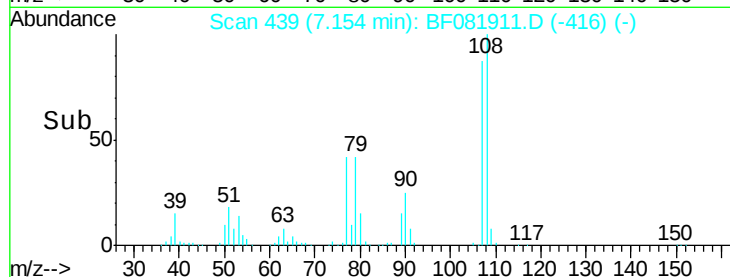
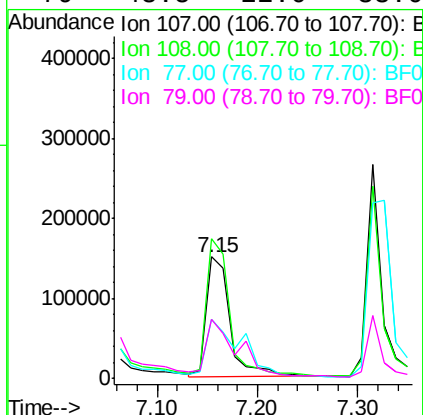
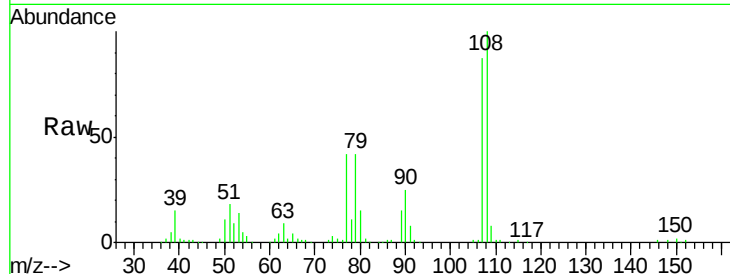
#17  
2-Methylphenol  
Concen: 37.36 ng  
RT: 7.15 min Scan# 439  
Delta R.T. -0.03 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 246509 |       |       |
| 108     | 115.2 | 96.6   | 145.0 |       |
| 77      | 48.4  | 23.3   | 34.9# |       |
| 79      | 48.5  | 22.0   | 33.0# |       |

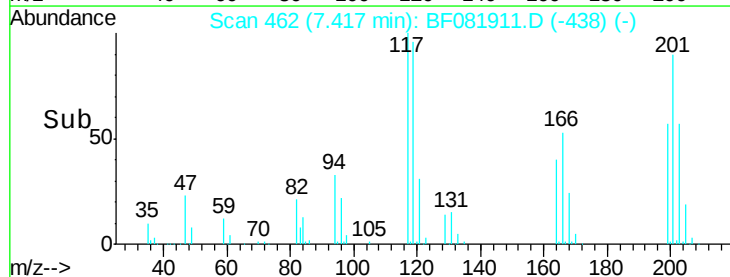
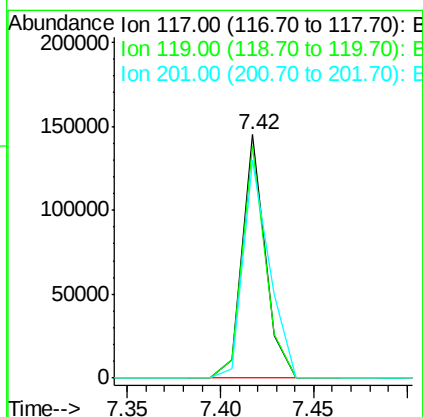
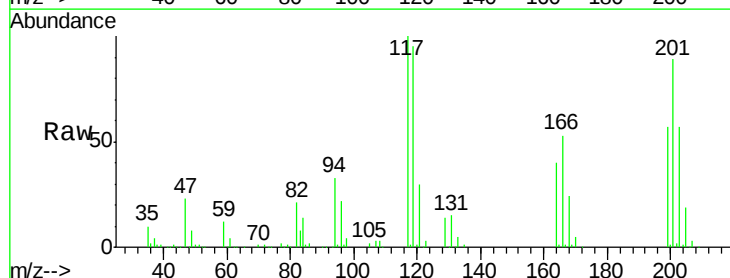
Manual Integrations  
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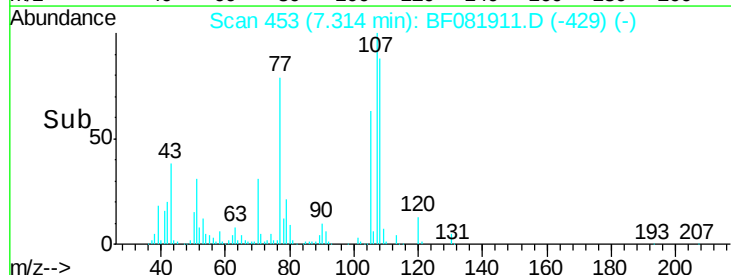
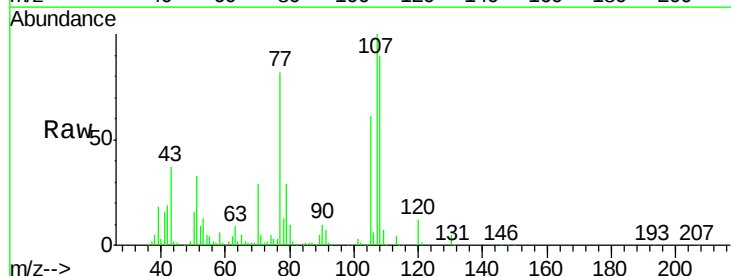
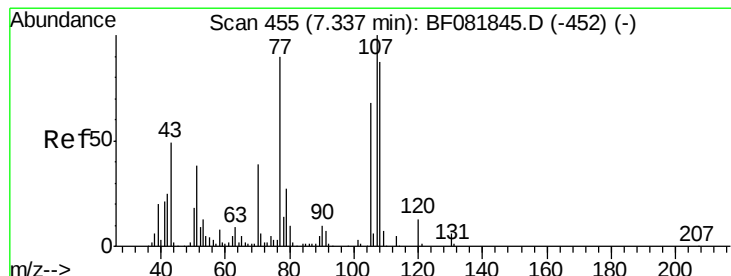
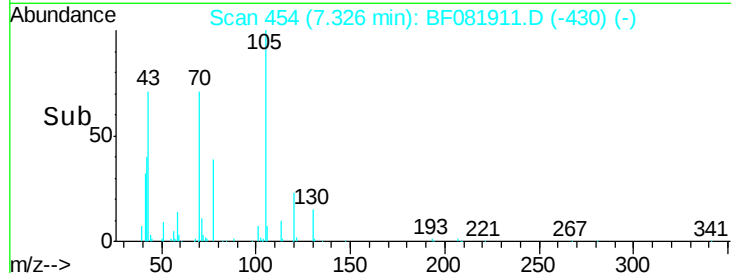
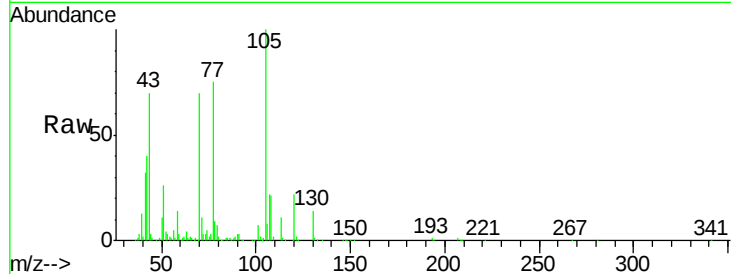
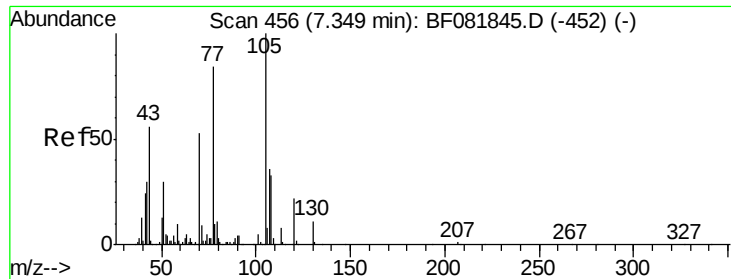
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#18  
Hexachloroethane  
Concen: 39.80 ng  
RT: 7.42 min Scan# 462  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 125043 |       |       |
| 119     | 95.4  | 83.8   | 125.6 |       |
| 201     | 89.4  | 55.1   | 82.7# |       |





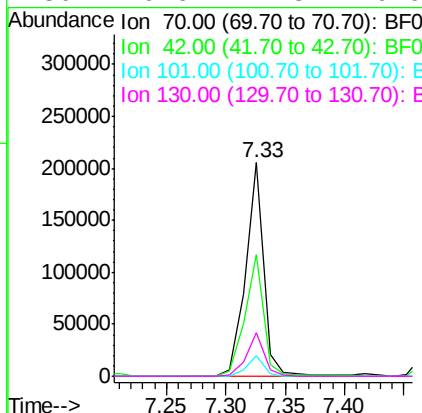
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.21 ng  
RT: 7.33 min Scan# 454  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 70      | 100   | 220954 |       |       |
| 42      | 56.9  | 63.8   | 95.6# |       |
| 101     | 9.7   | 9.2    | 13.8  |       |
| 130     | 20.6  | 27.3   | 40.9# |       |

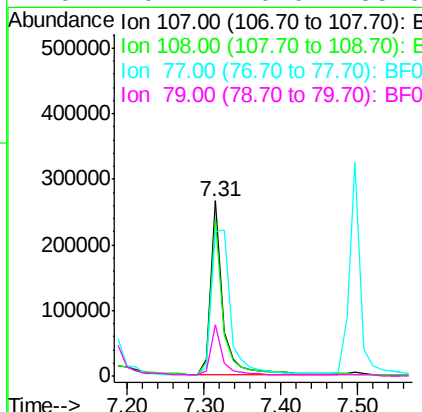
Manual Integrations  
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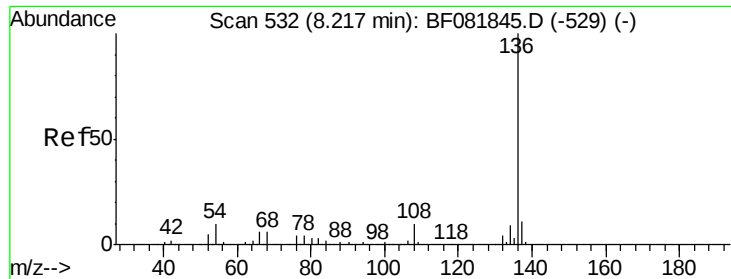
MMDadoda  
10/1/2015 2:23:25 PM



#20  
3+4-Methylphenols  
Concen: 35.13 ng  
RT: 7.31 min Scan# 453  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 292774 |       |       |
| 108     | 90.1  | 74.6   | 114.6 |       |
| 77      | 82.3  | 0.7    | 40.7# |       |
| 79      | 29.4  | 0.0    | 38.9  |       |





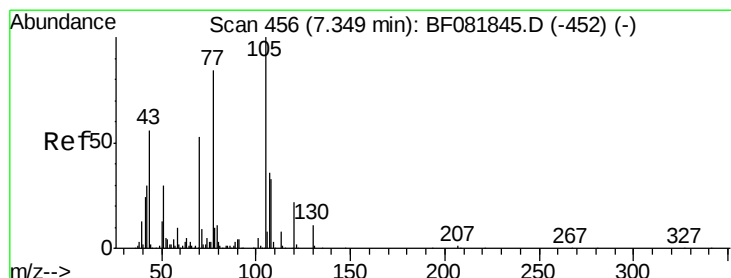
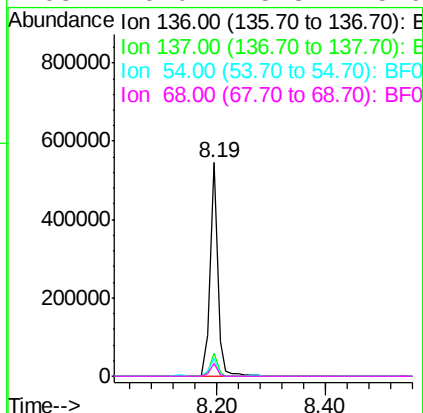
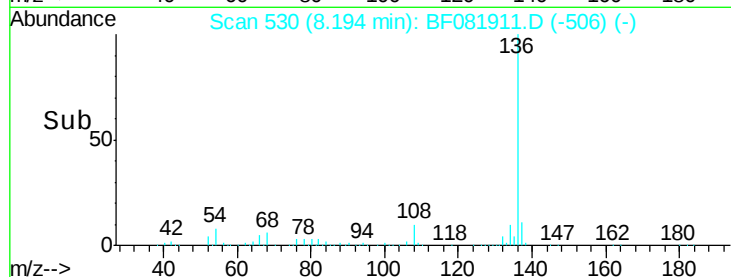
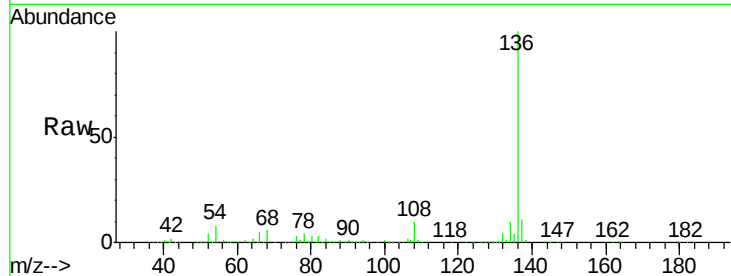
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.19 min Scan# 530  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 534043 |       |       |
| 137     | 10.9  | 9.0    | 13.6  |       |
| 54      | 8.4   | 8.2    | 12.2  |       |
| 68      | 6.0   | 5.8    | 8.6   |       |

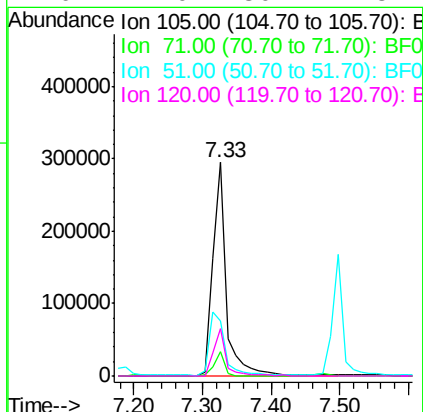
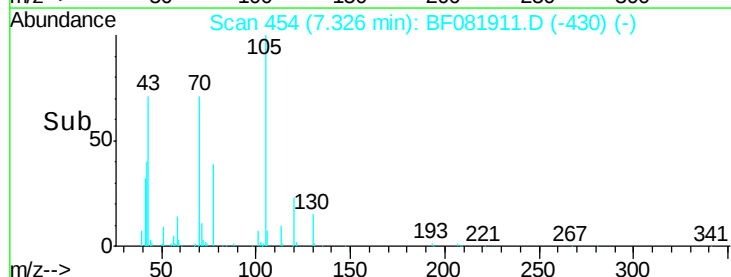
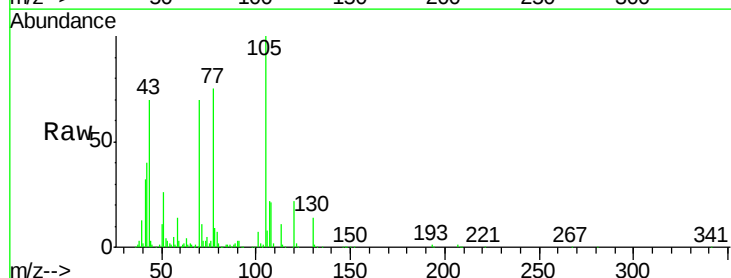
Manual Integrations  
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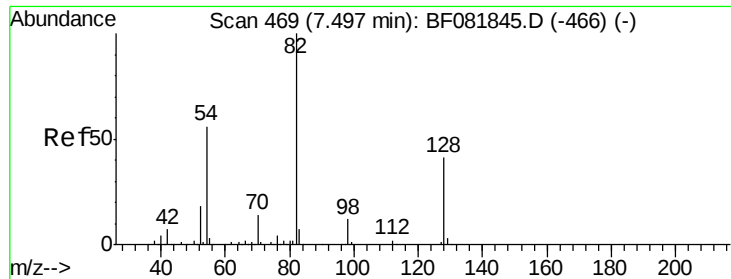
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#22  
Acetophenone  
Concen: 37.62 ng  
RT: 7.33 min Scan# 454  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 410767 |       |       |
| 71      | 11.3  | 4.7    | 7.1#  |       |
| 51      | 25.8  | 22.0   | 33.0  |       |
| 120     | 22.0  | 30.1   | 45.1# |       |





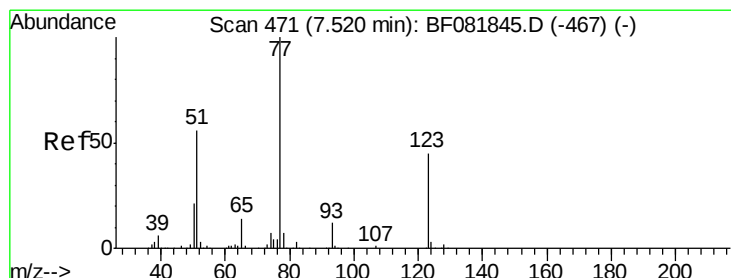
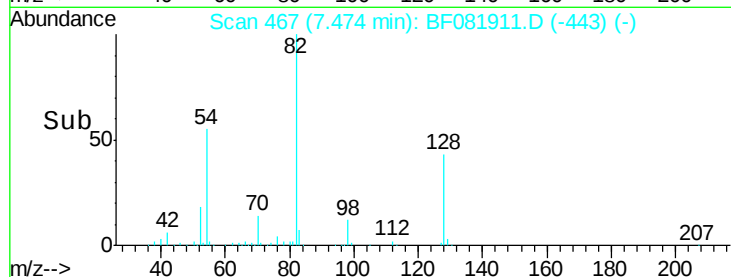
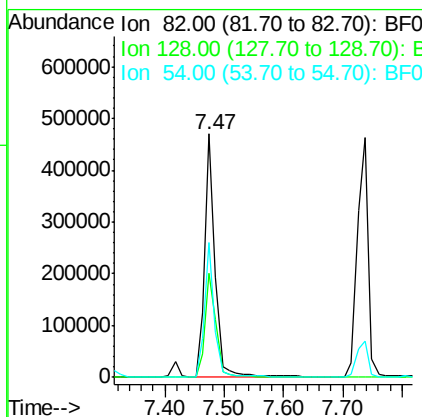
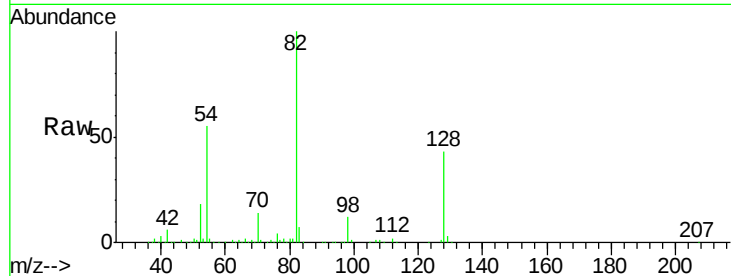
#23  
 Nitrobenzene-d5  
 Concen: 74.71 ng  
 RT: 7.47 min Scan# 467  
 Delta R.T. -0.02 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 598520 |       |       |
| 128     | 42.7  | 51.0   | 76.6# |       |
| 54      | 55.1  | 47.5   | 71.3  |       |

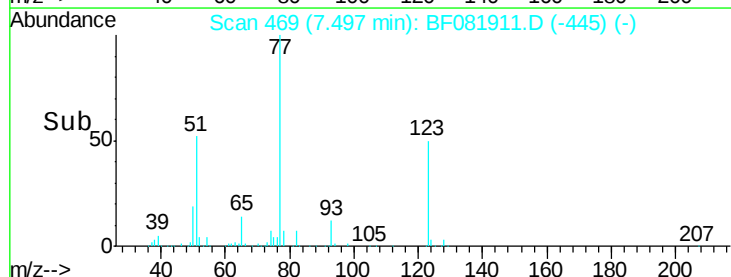
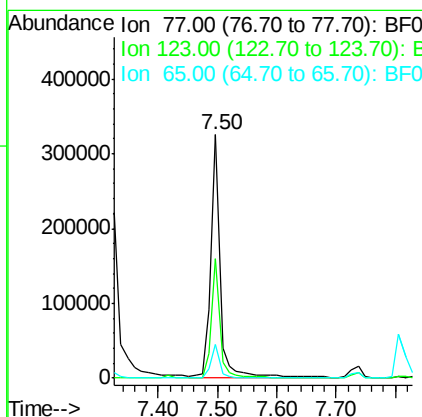
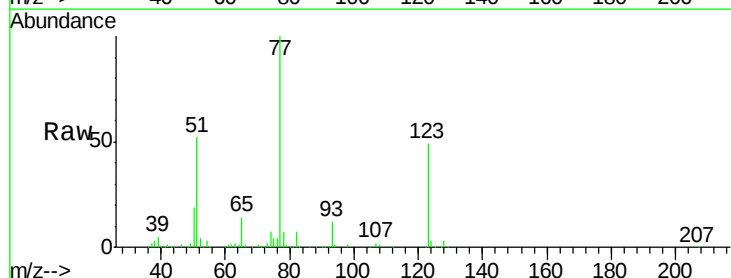
Manual Integrations  
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#24  
 Nitrobenzene  
 Concen: 40.57 ng  
 RT: 7.50 min Scan# 469  
 Delta R.T. -0.02 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 352917 |       |       |
| 123     | 49.0  | 59.8   | 89.8# |       |
| 65      | 13.6  | 10.2   | 15.4  |       |





#25

Isophorone

Concen: 36.91 ng

RT: 7.74 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 82 Resp: 586099  
Ion Ratio Lower Upper

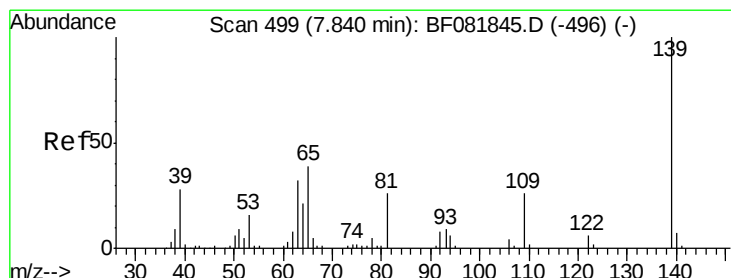
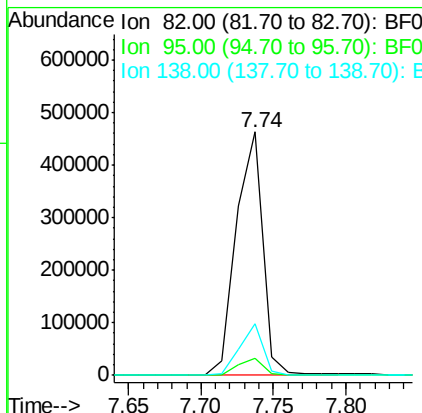
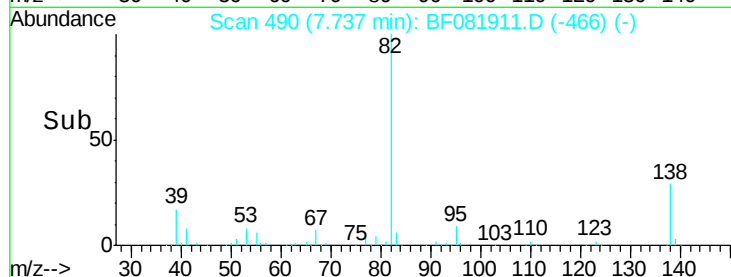
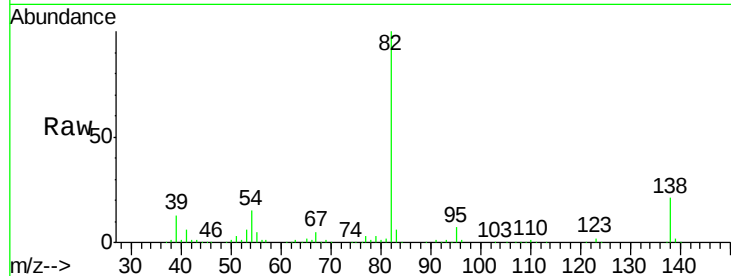
82 100

95 6.9 4.0 6.0#

138 21.3 18.3 27.5

Manual Integrations  
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#26

2-Nitrophenol

Concen: 39.65 ng

RT: 7.81 min Scan# 496

Delta R.T. -0.03 min

Lab File: BF081911.D

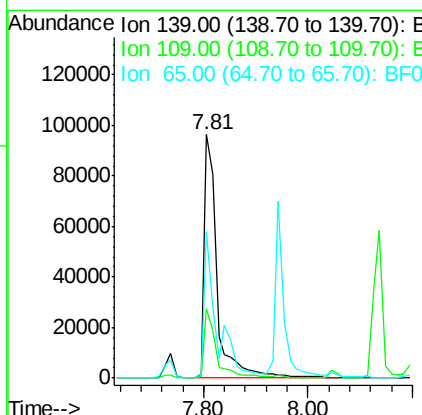
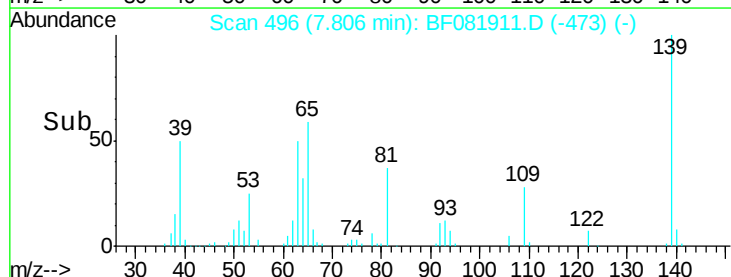
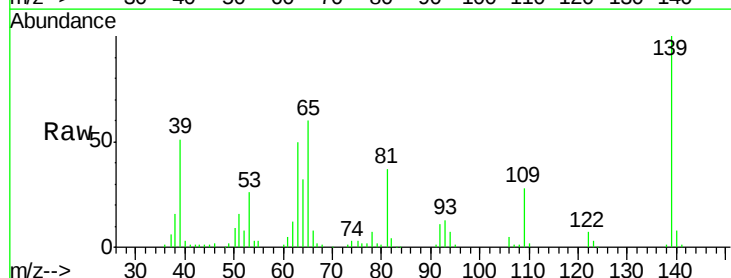
Acq: 30 Sep 2015 19:47

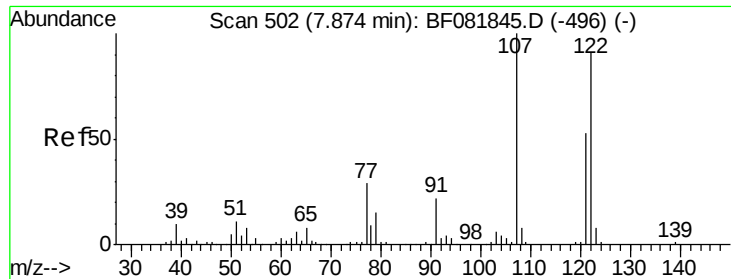
Tgt Ion: 139 Resp: 165562  
Ion Ratio Lower Upper

139 100

109 28.4 11.0 16.4#

65 60.2 24.7 37.1#





#27

2,4-Dimethylphenol

Concen: 36.09 ng

RT: 7.85 min Scan# 500

Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

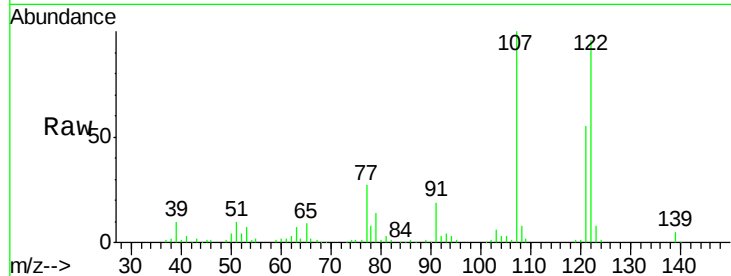
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 265136 |       |       |
| 107     | 103.8 | 71.8   | 107.6 |       |
| 121     | 57.0  | 42.3   | 63.5  |       |

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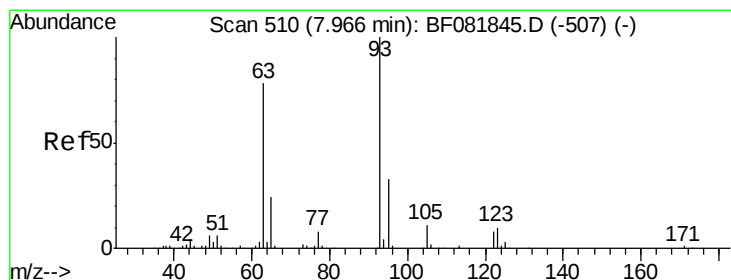
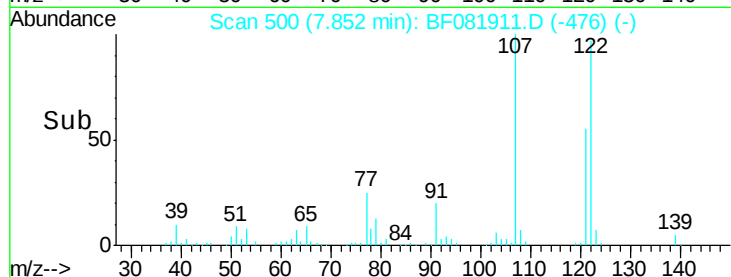
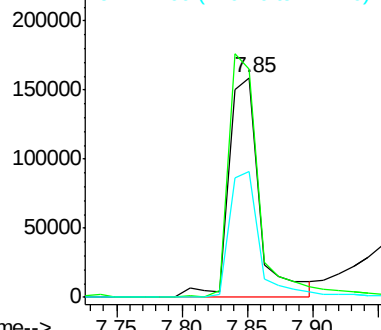
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.26 ng

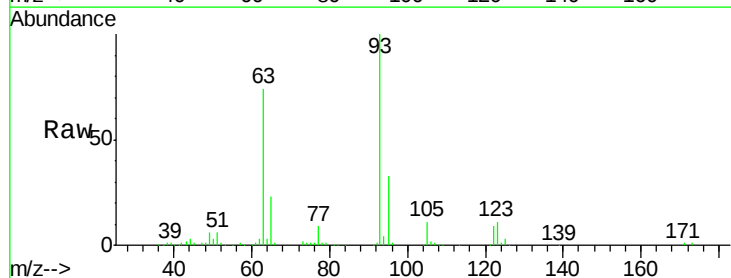
RT: 7.94 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

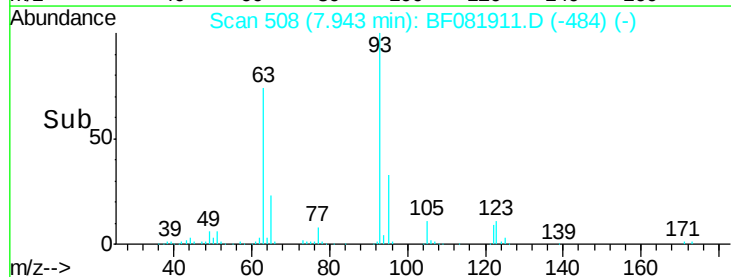
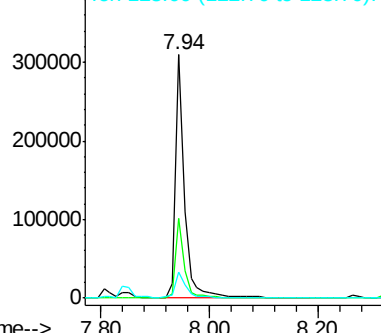
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 351327 |       |       |
| 95      | 32.9  | 27.5   | 41.3  |       |
| 123     | 10.9  | 13.7   | 20.5  |       |

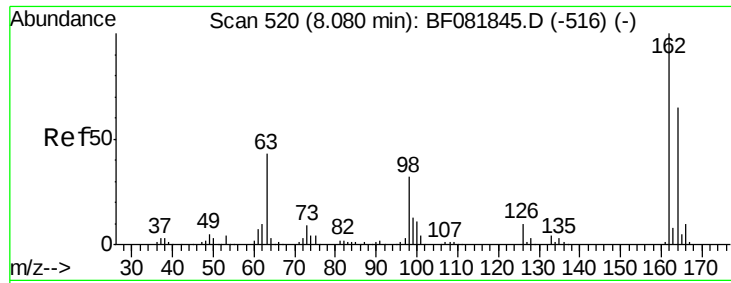


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





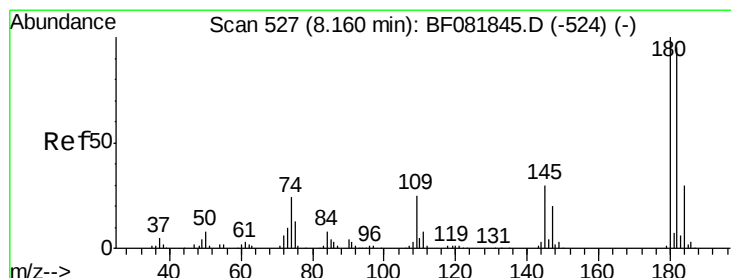
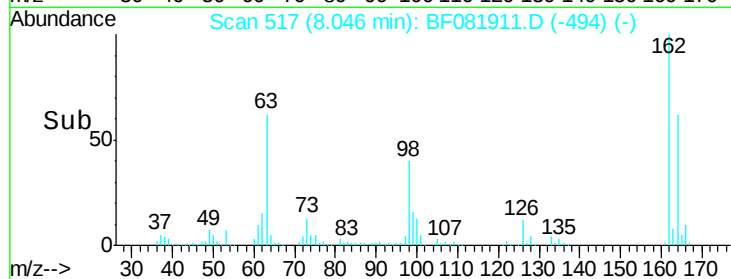
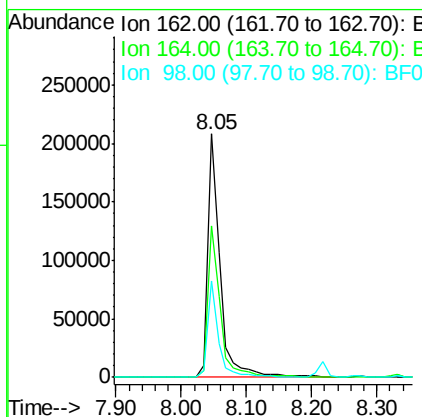
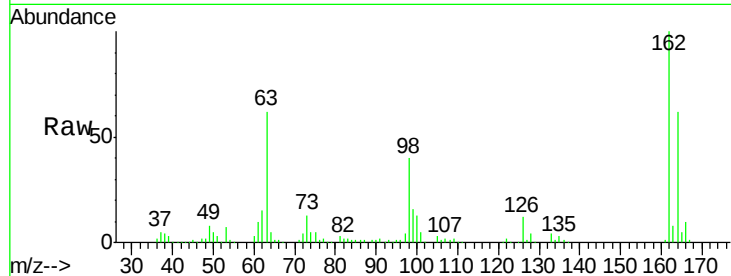
#29  
 2,4-Dichlorophenol  
 Concen: 38.49 ng  
 RT: 8.05 min Scan# 517  
 Delta R.T. -0.03 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 274151 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.3  | 44.9  | 84.9   |
| 98        | 39.6  | 13.0  | 53.0   |

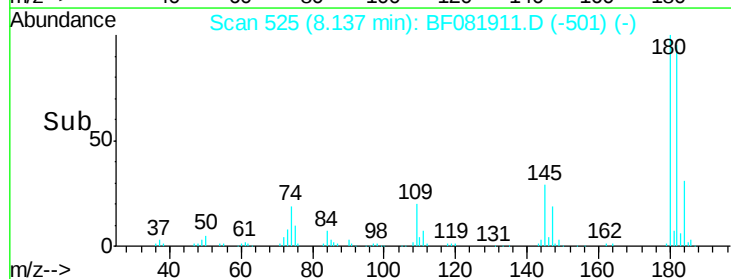
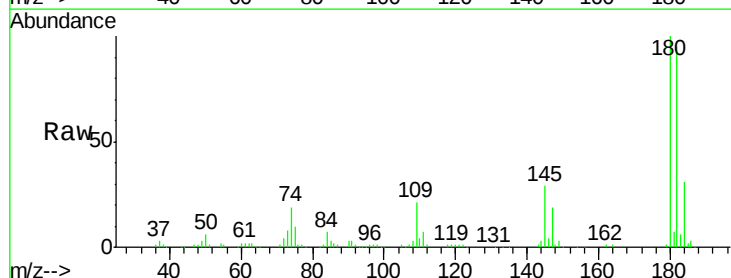
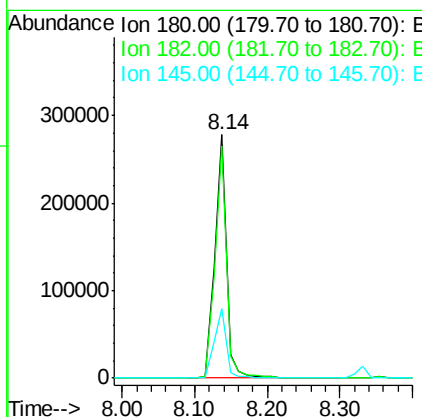
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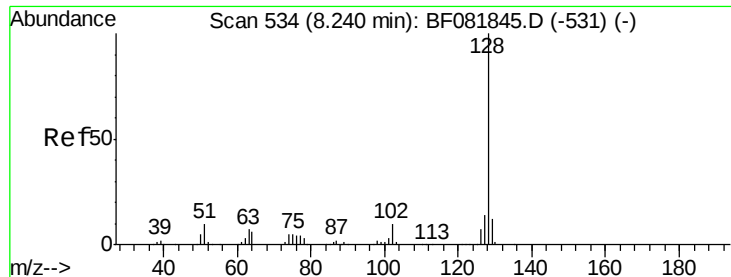
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.10 ng  
 RT: 8.14 min Scan# 525  
 Delta R.T. -0.02 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 310958 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 95.2  | 77.1  | 115.7  |
| 145       | 28.6  | 23.3  | 34.9   |





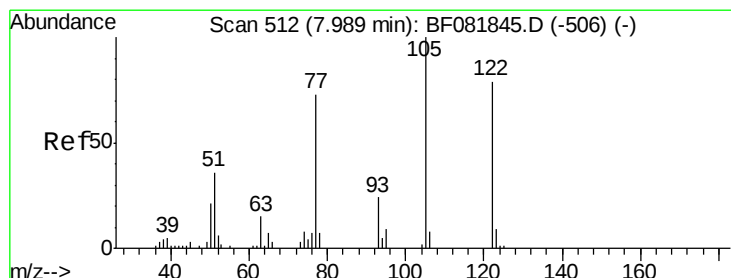
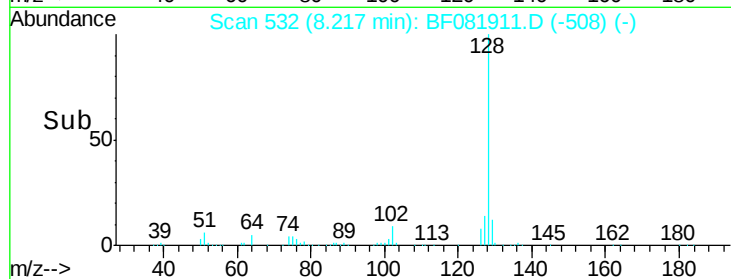
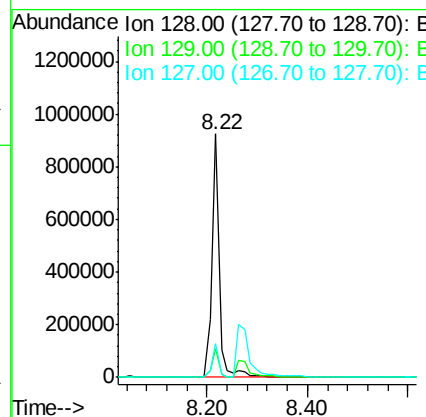
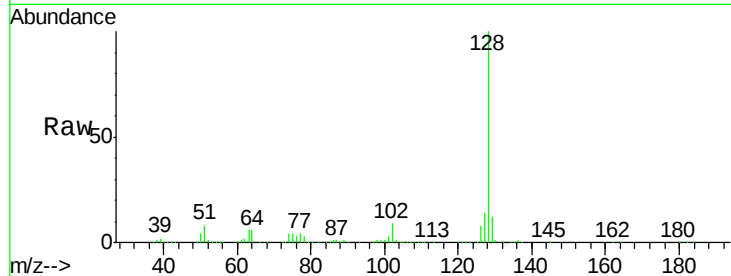
#31  
Naphthalene  
Concen: 39.97 ng  
RT: 8.22 min Scan# 532  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 945801 |       |       |
| 129     | 11.5  | 8.4    | 12.6  |       |
| 127     | 13.6  | 9.9    | 14.9  |       |

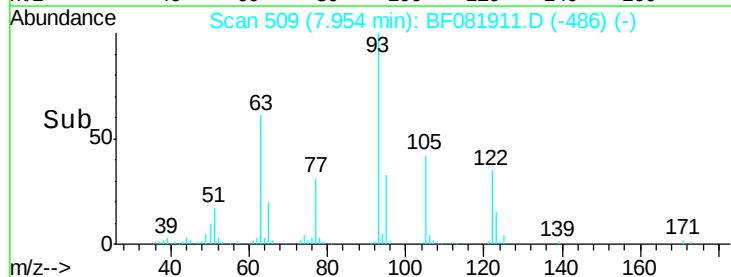
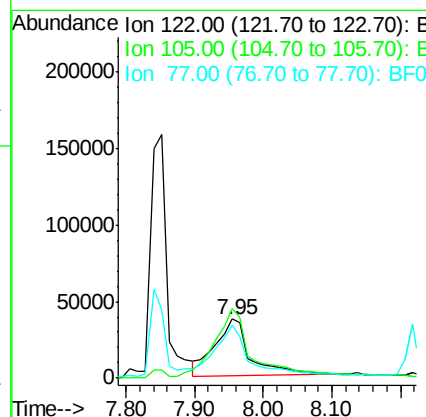
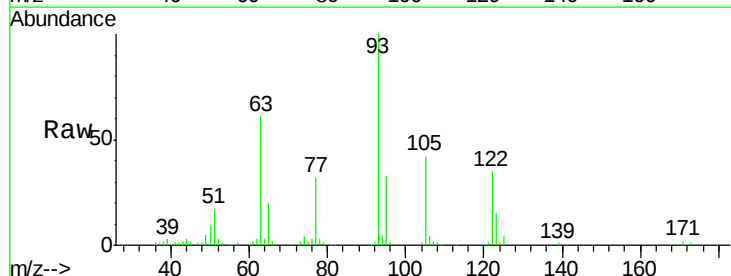
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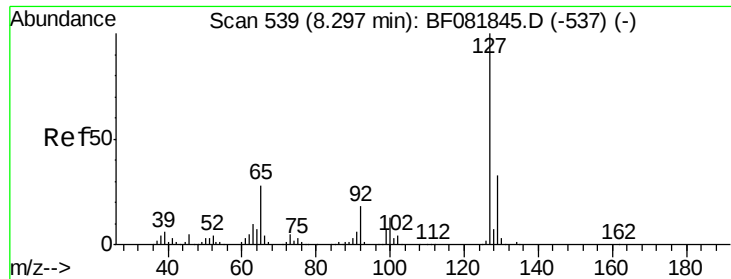
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#32  
Benzoic acid  
Concen: 34.05 ng  
RT: 7.95 min Scan# 509  
Delta R.T. -0.03 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 122     | 100   | 138564 |        |       |
| 105     | 118.6 | 76.1   | 116.1# |       |
| 77      | 89.9  | 40.5   | 80.5#  |       |





#33

4-Chloroaniline

Concen: 36.55 ng

RT: 8.26 min Scan# 536

Delta R.T. -0.03 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

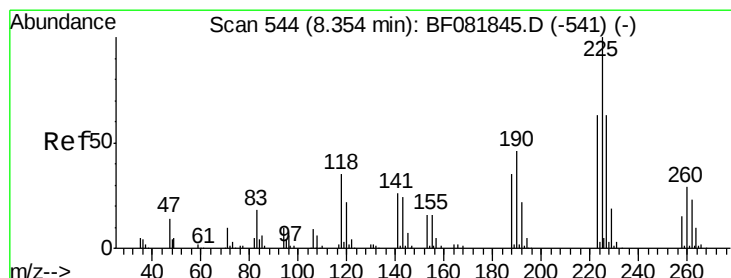
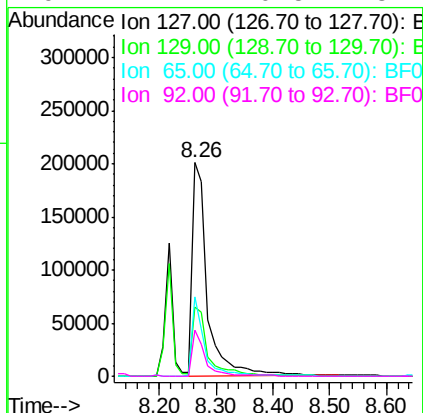
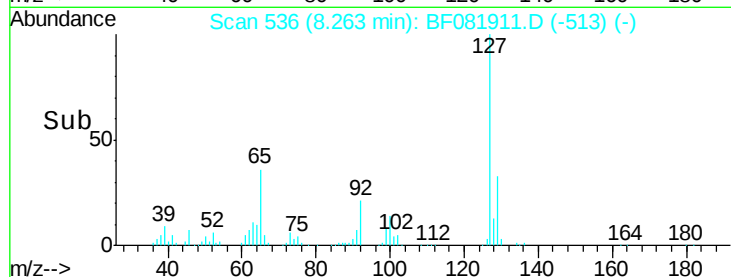
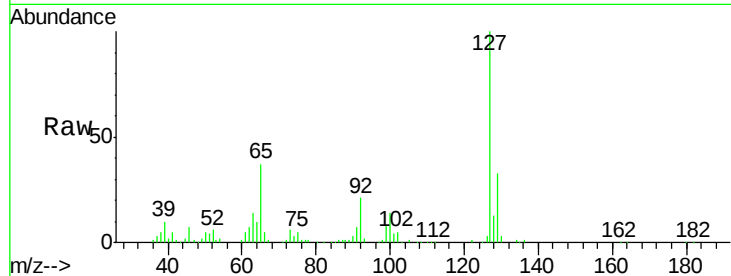
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 374005 |       |       |
| 129     | 32.5  | 25.8   | 38.6  |       |
| 65      | 37.3  | 17.9   | 26.9  |       |
| 92      | 21.4  | 10.5   | 15.7  |       |

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#34

Hexachlorobutadiene

Concen: 40.19 ng

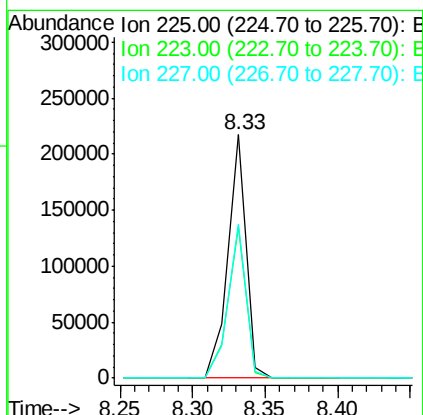
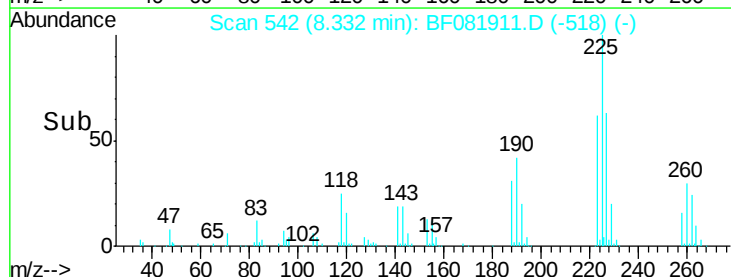
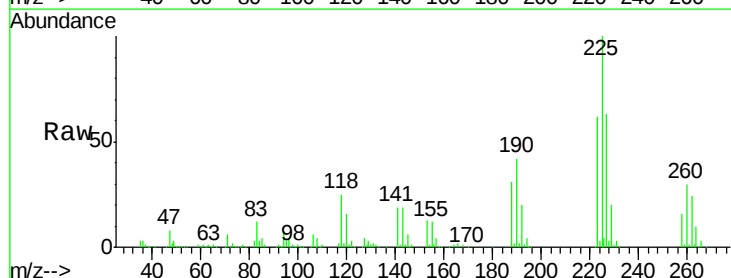
RT: 8.33 min Scan# 542

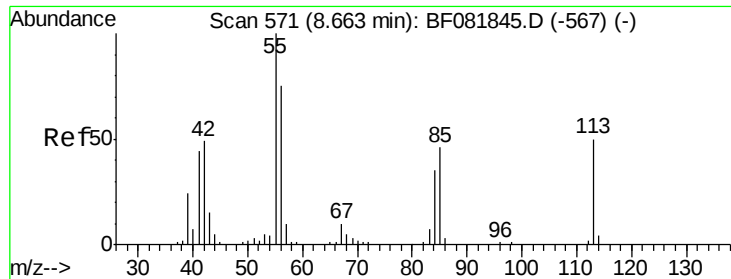
Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 189029 |       |       |
| 223     | 62.1  | 50.2   | 75.2  |       |
| 227     | 63.3  | 52.2   | 78.2  |       |





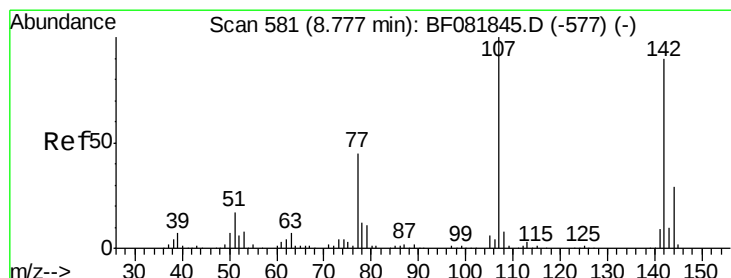
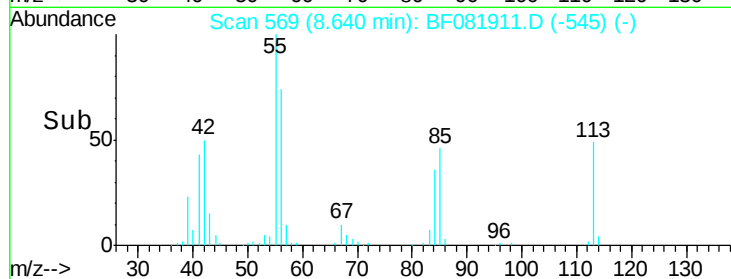
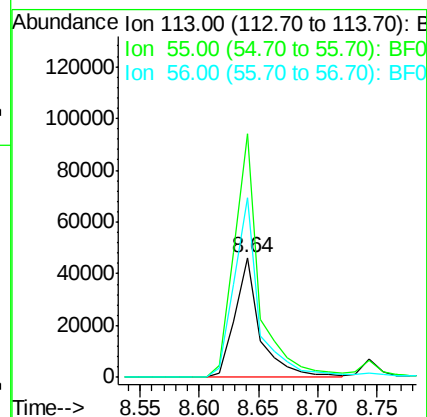
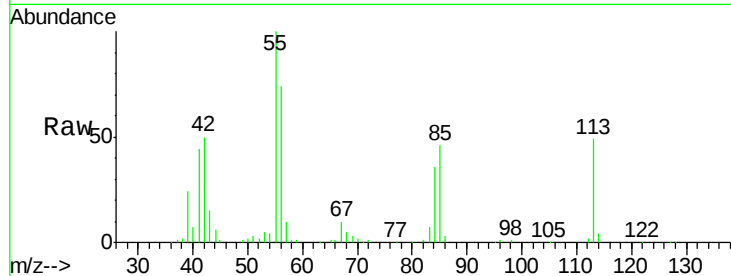
#35  
 Caprolactam  
 Concen: 34.77 ng  
 RT: 8.64 min Scan# 569  
 Delta R.T. -0.02 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:113 Resp: 68574  
 Ion Ratio Lower Upper  
 113 100  
 55 202.7 152.4 192.4#  
 56 149.7 104.6 144.6#

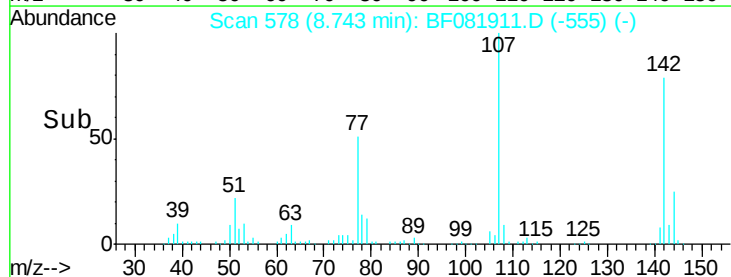
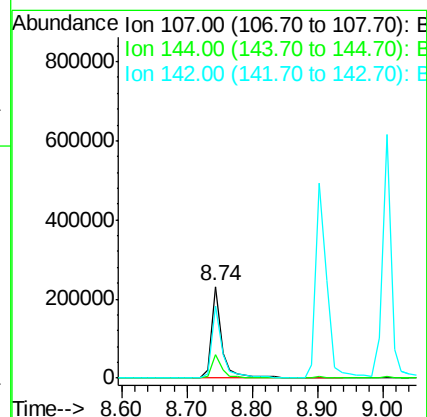
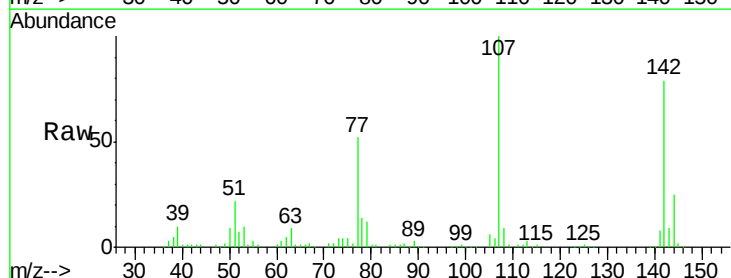
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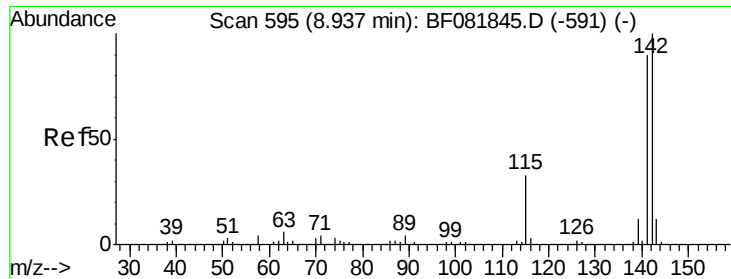
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#36  
 4-Chloro-3-methylphenol  
 Concen: 37.75 ng  
 RT: 8.74 min Scan# 578  
 Delta R.T. -0.03 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

Tgt Ion:107 Resp: 262901  
 Ion Ratio Lower Upper  
 107 100  
 144 25.3 25.4 38.0#  
 142 78.7 77.3 115.9





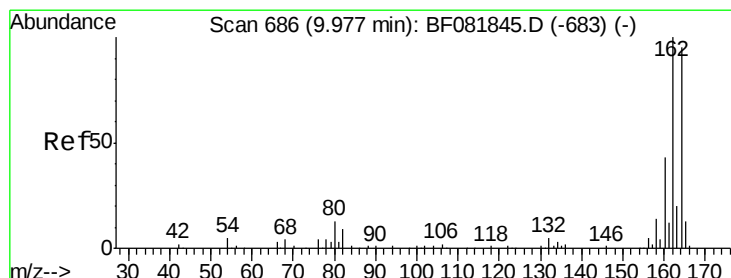
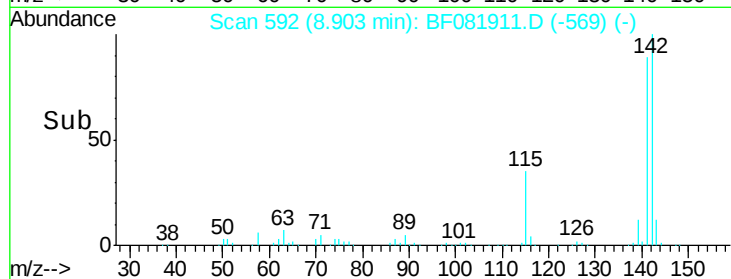
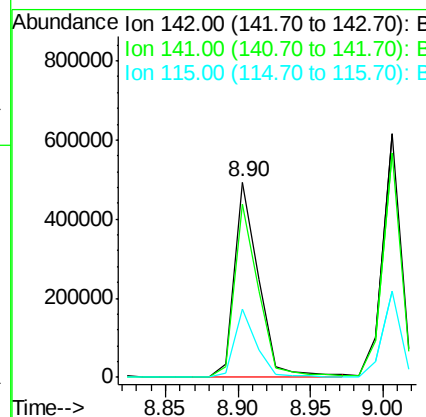
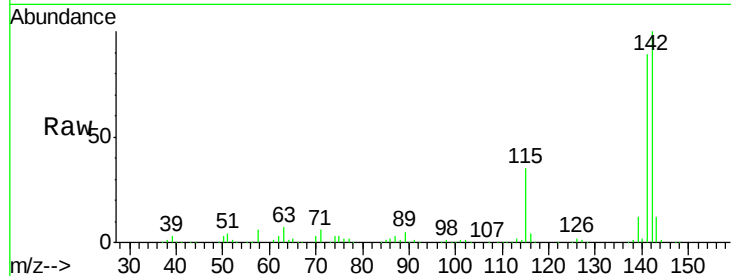
#37  
 2-Methylnaphthalene  
 Concen: 35.48 ng  
 RT: 8.90 min Scan# 592  
 Delta R.T. -0.03 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 573139 |       |       |
| 141     | 88.9  | 67.5   | 101.3 |       |
| 115     | 34.7  | 18.2   | 27.2# |       |

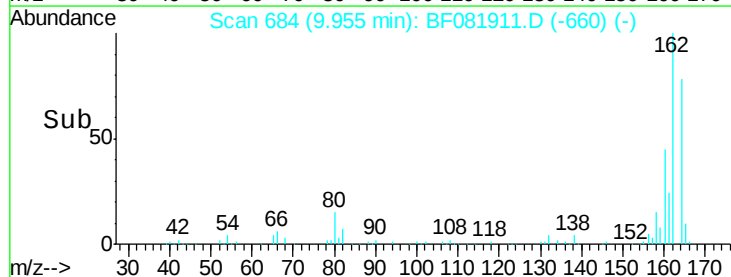
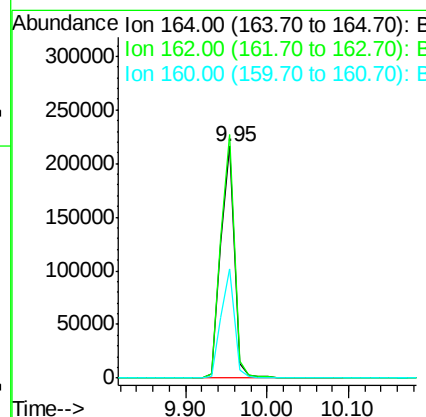
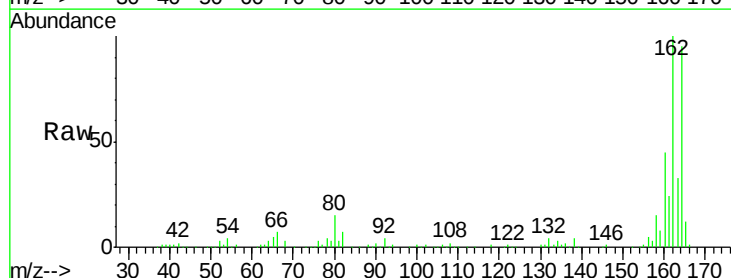
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.95 min Scan# 684  
 Delta R.T. -0.02 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 251572 |       |       |
| 162     | 105.2 | 75.2   | 112.8 |       |
| 160     | 47.2  | 31.5   | 47.3  |       |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.75 ng

RT: 9.07 min Scan# 607

Delta R.T. -0.02 min

Lab File: BF081911.D

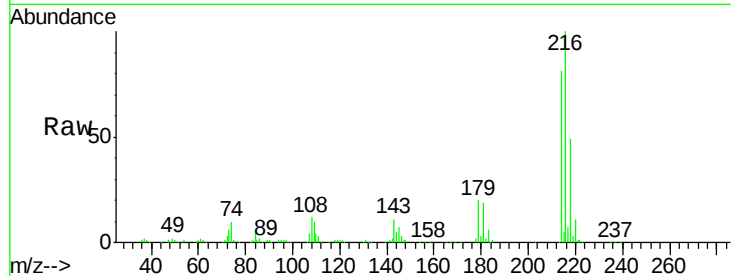
Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

ClientSampleId :

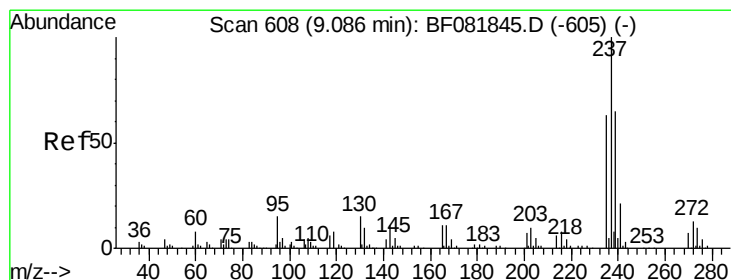
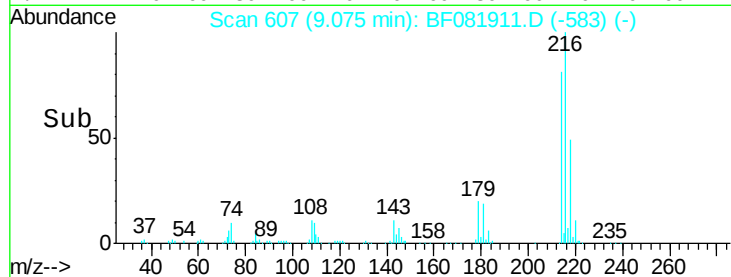
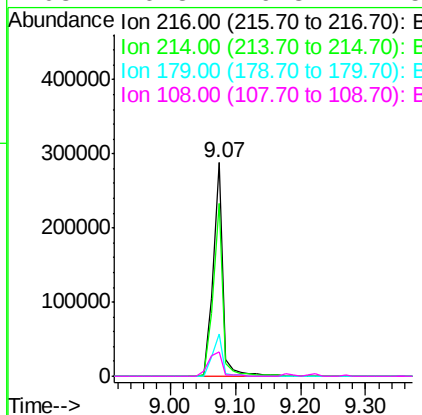
SSTDCCC040



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 80.2  | 63.5  | 95.3  |
| 179     | 20.7  | 16.6  | 24.8  |
| 108     | 16.8  | 16.3  | 24.5  |

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#40

Hexachlorocyclopentadiene

Concen: 38.43 ng

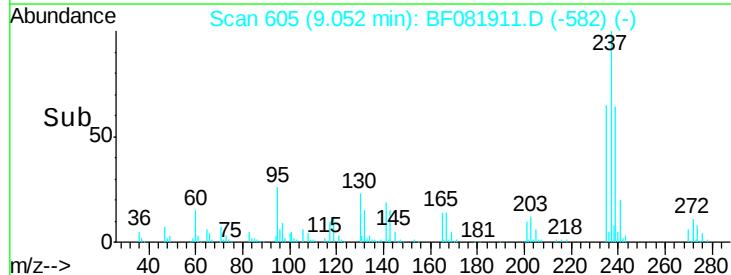
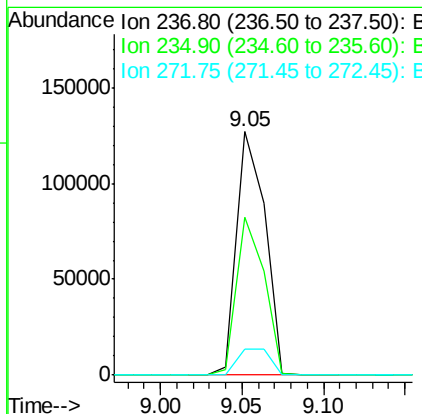
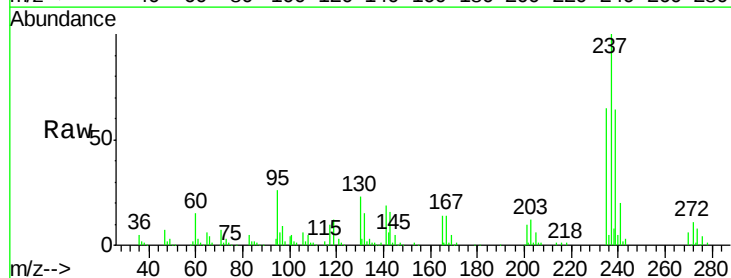
RT: 9.05 min Scan# 605

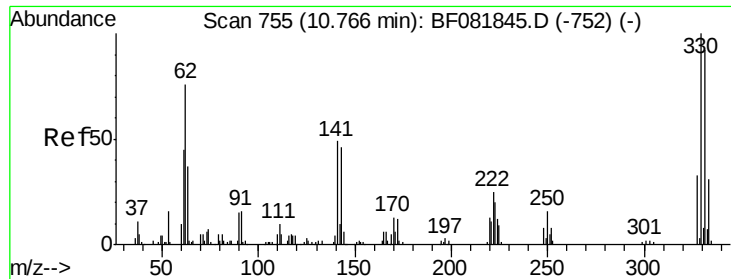
Delta R.T. -0.03 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 65.1  | 42.0  | 82.0  |
| 272     | 10.9  | 0.0   | 36.1  |





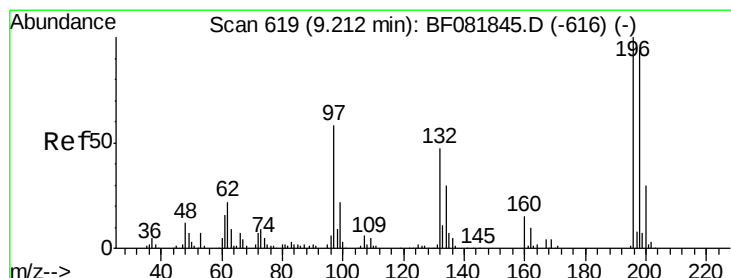
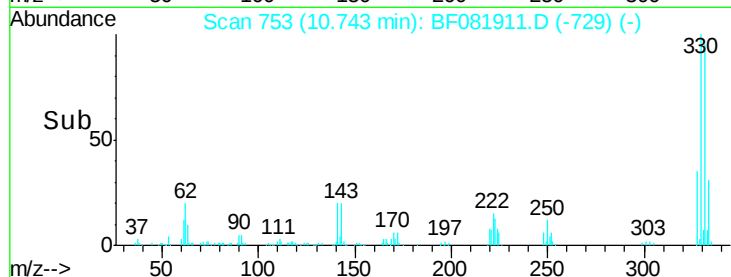
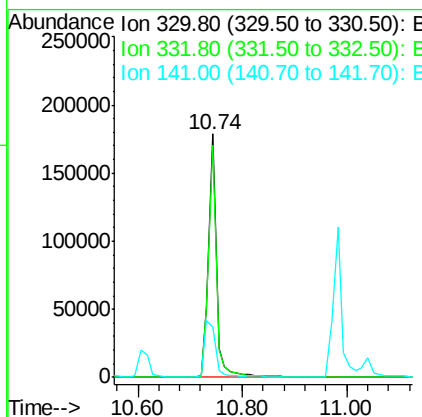
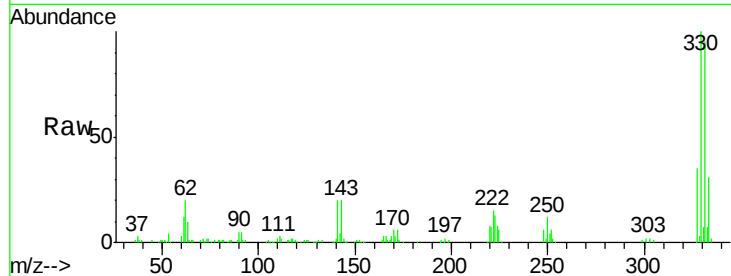
#41  
 2,4,6-Tribromophenol  
 Concen: 75.77 ng  
 RT: 10.74 min Scan# 753  
 Delta R.T. -0.02 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 193058 |       |       |
| 332     | 95.4  | 76.6   | 114.8 |       |
| 141     | 32.1  | 29.7   | 44.5  |       |

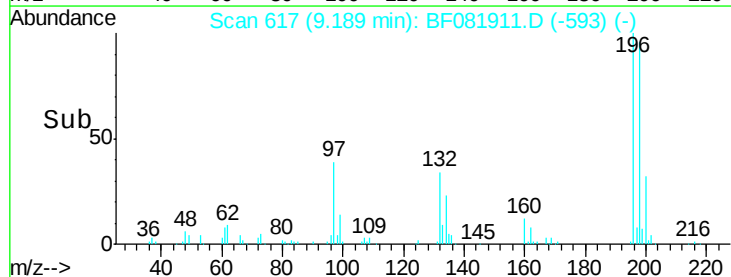
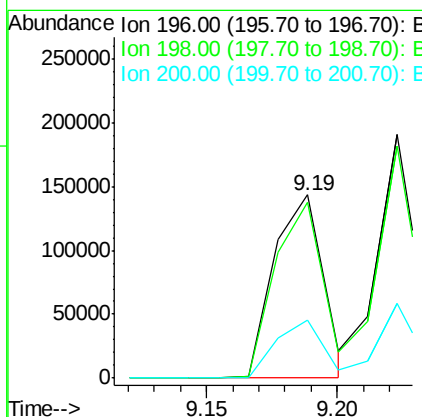
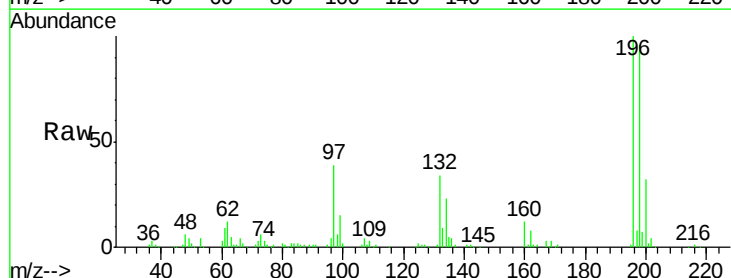
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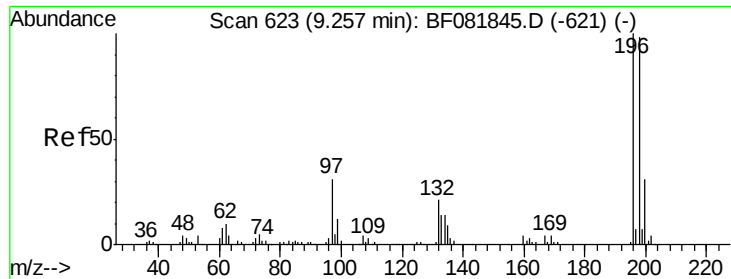
MMDadoda  
 10/1/2015 2:23:25 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 35.50 ng  
 RT: 9.19 min Scan# 617  
 Delta R.T. -0.02 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

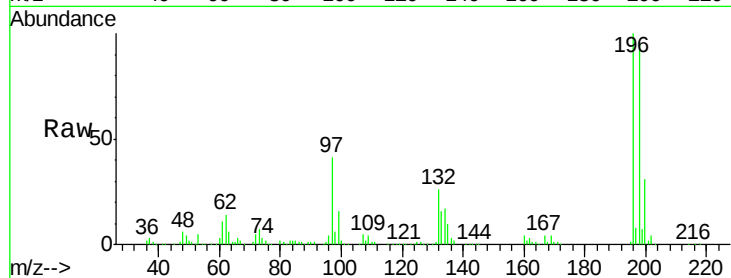
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 187961 |       |       |
| 198     | 96.4  | 75.7   | 113.5 |       |
| 200     | 31.8  | 23.9   | 35.9  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 43.04 ng  
 RT: 9.22 min Scan# 620  
 Delta R.T. -0.03 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

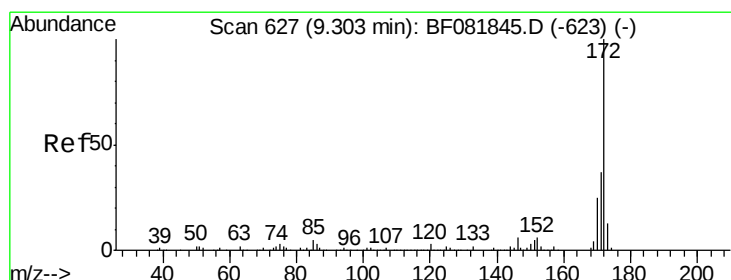
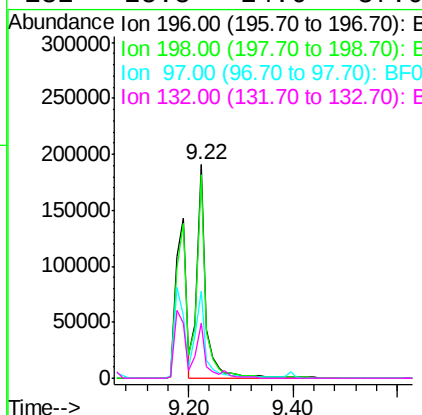
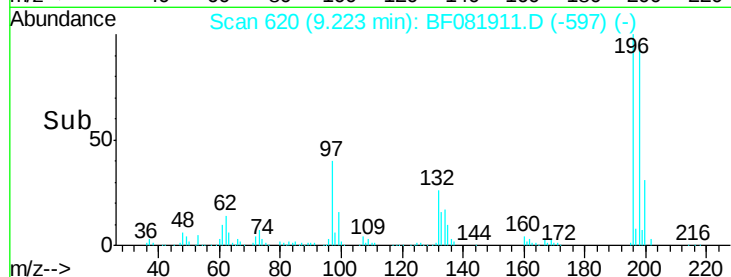
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 234342 |       |       |
| 198     | 95.5  | 75.4   | 113.0 |       |
| 97      | 40.7  | 33.3   | 49.9  |       |
| 132     | 25.8  | 24.6   | 37.0  |       |

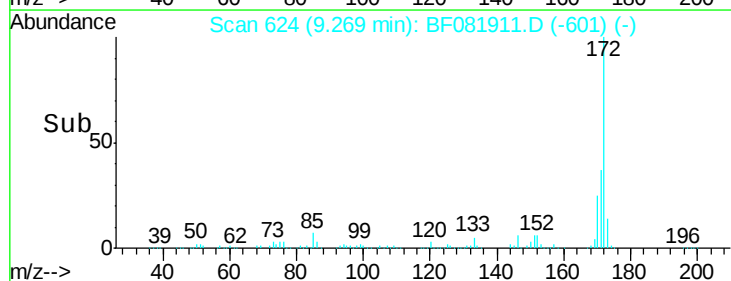
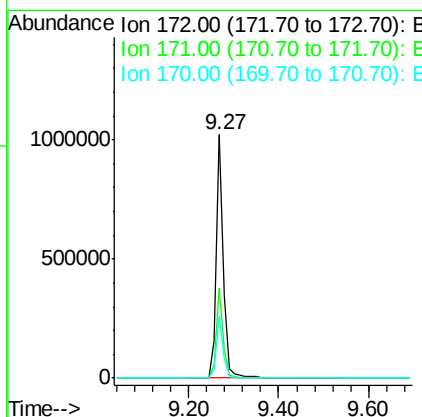
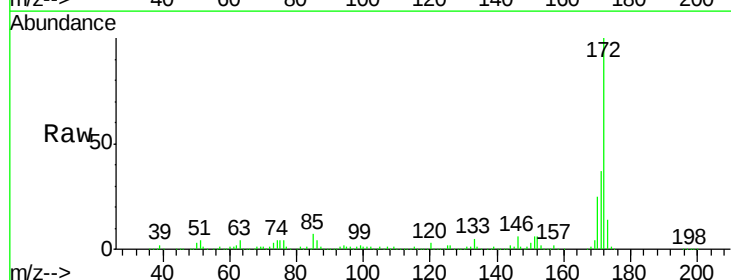
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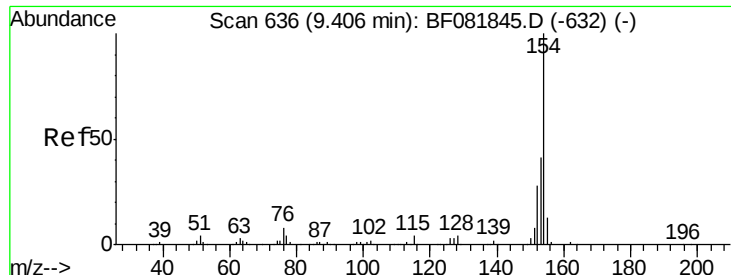
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#44  
 2-Fluorobiphenyl  
 Concen: 72.15 ng  
 RT: 9.27 min Scan# 624  
 Delta R.T. -0.03 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1117094 |       |       |
| 171     | 36.8  | 26.1    | 39.1  |       |
| 170     | 25.4  | 17.4    | 26.2  |       |





#45

1,1'-Biphenyl

Concen: 38.56 ng

RT: 9.37 min Scan# 633

Delta R.T. -0.03 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

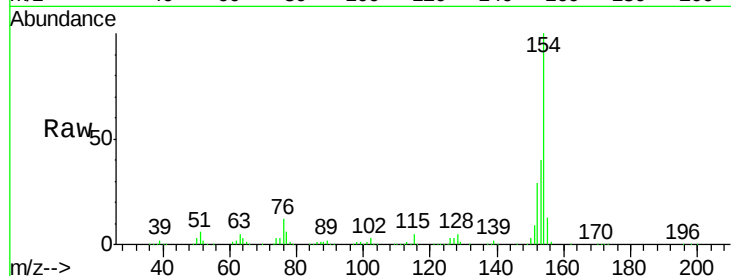
ClientSampleId :

SSTDCCC040

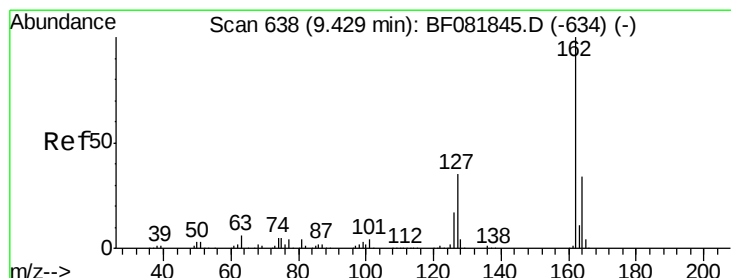
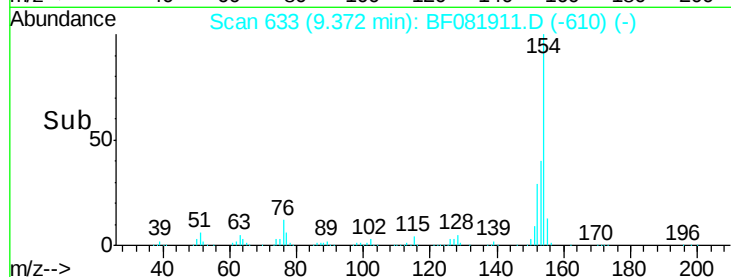
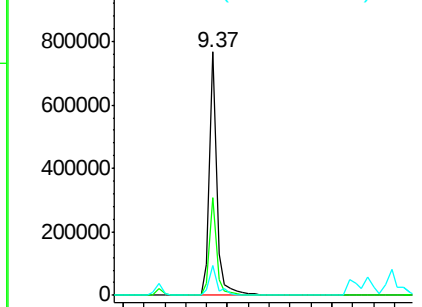
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 748359 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.3  | 17.1  | 57.1   |
| 76        | 12.4  | 0.0   | 31.6   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 37.44 ng

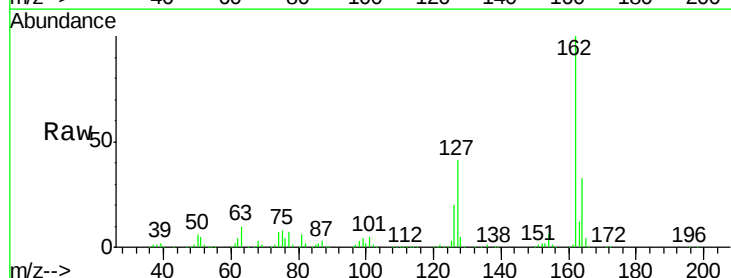
RT: 9.39 min Scan# 635

Delta R.T. -0.03 min

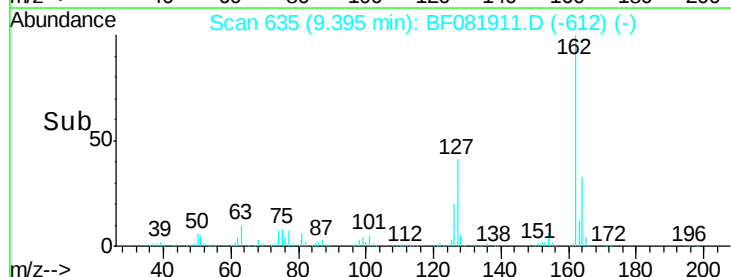
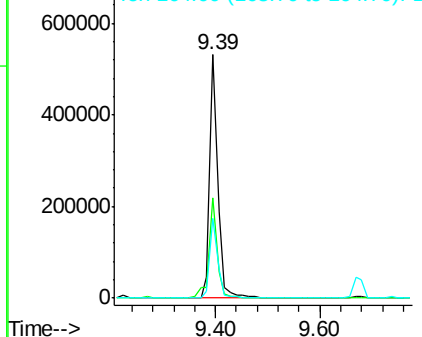
Lab File: BF081911.D

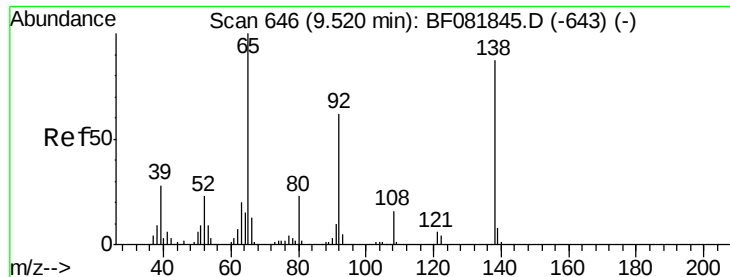
Acq: 30 Sep 2015 19:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 570580 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.2  | 27.6  | 41.4   |
| 164       | 32.5  | 25.4  | 38.2   |



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





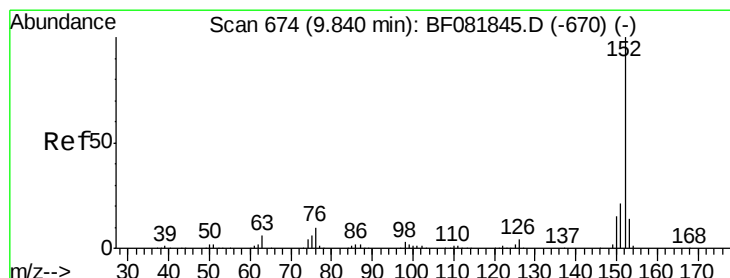
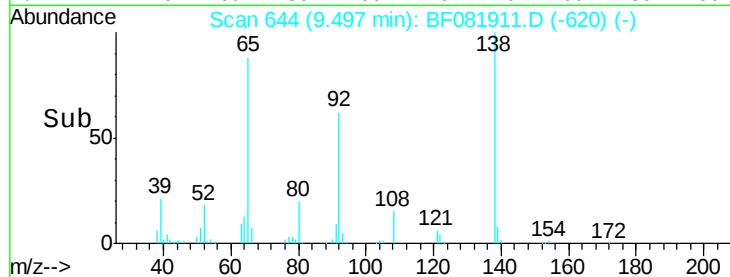
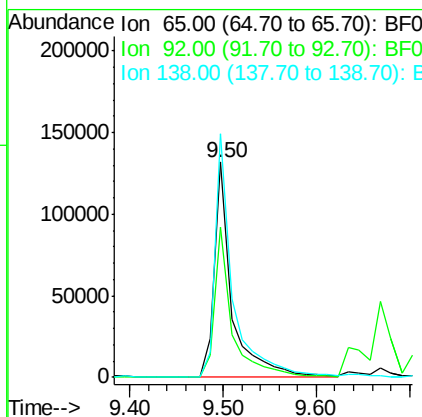
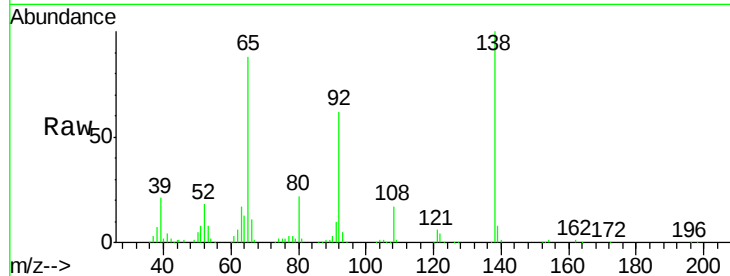
#47  
2-Nitroaniline  
Concen: 39.15 ng  
RT: 9.50 min Scan# 644  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 175161 |       |       |
| 92      | 69.8  | 55.4   | 83.0  |       |
| 138     | 113.0 | 115.5  | 173.3 |       |

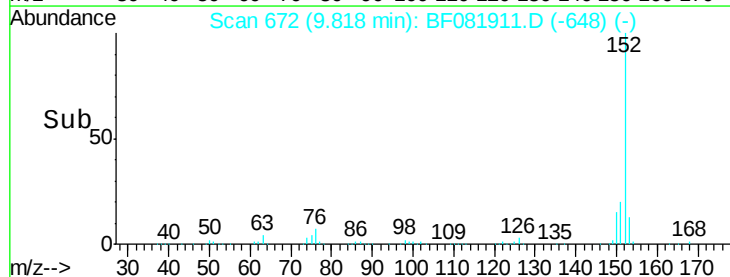
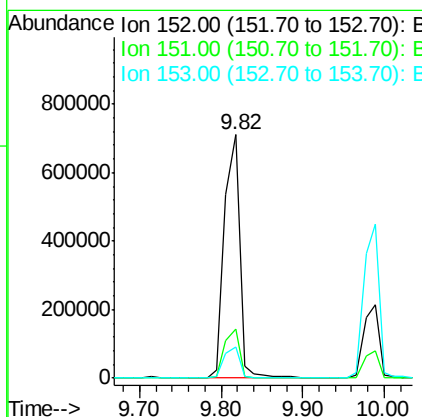
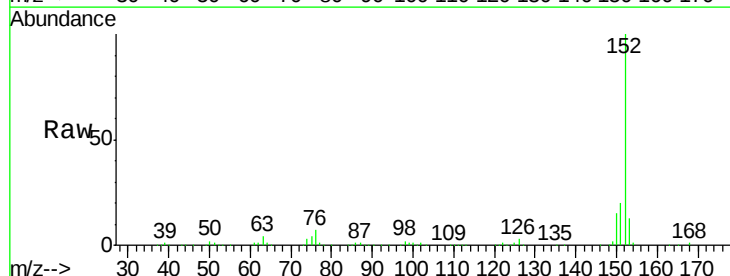
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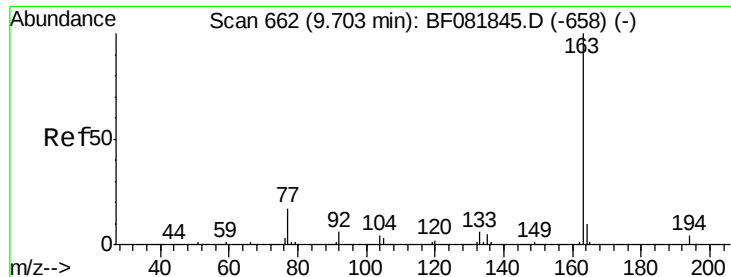
MMDadoda  
10/1/2015 2:23:25 PM



#48  
Acenaphthylene  
Concen: 37.84 ng  
RT: 9.82 min Scan# 672  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 923072 |       |       |
| 151     | 20.2  | 14.6   | 22.0  |       |
| 153     | 13.0  | 10.3   | 15.5  |       |





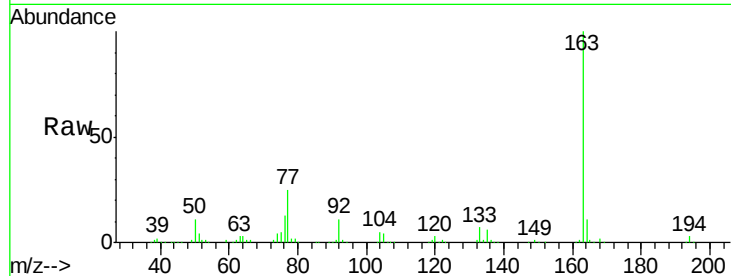
#49  
Dimethylphthalate  
Concen: 37.19 ng  
RT: 9.67 min Scan# 659  
Delta R.T. -0.03 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

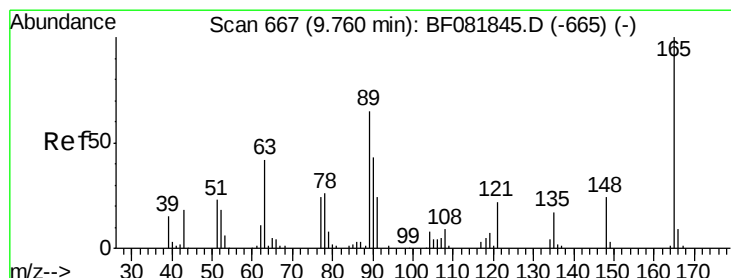
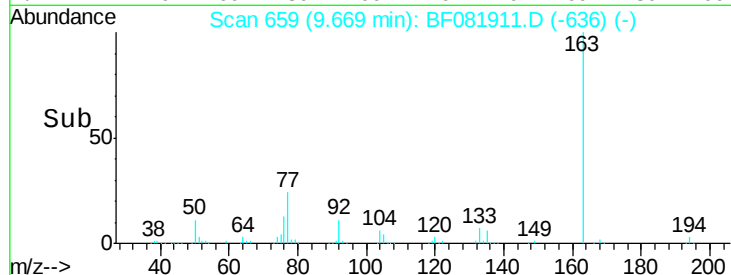
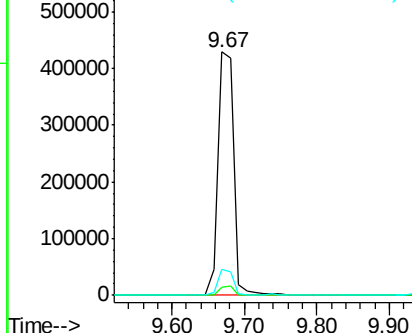
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 645731 |       |       |
| 194     | 3.2   | 4.4    | 6.6#  |       |
| 164     | 10.8  | 8.3    | 12.5  |       |

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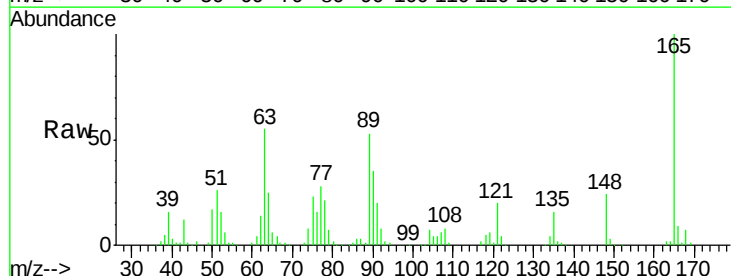


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

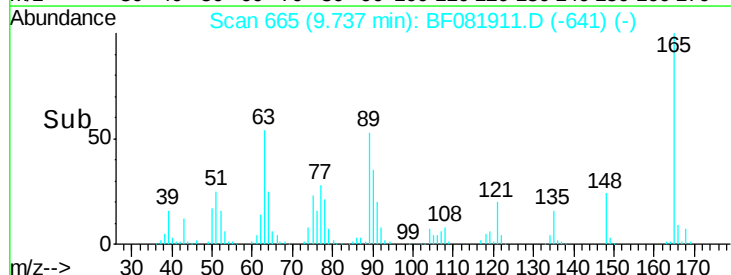
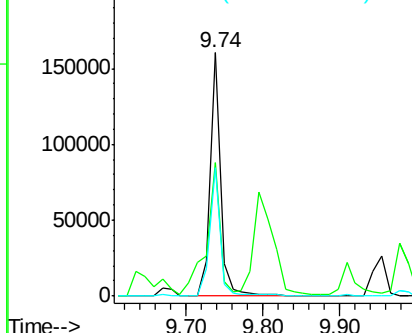


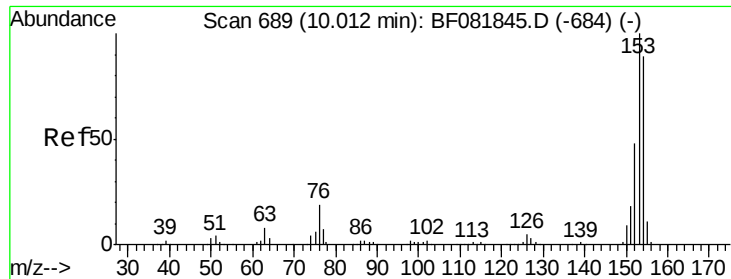
#50  
2,6-Dinitrotoluene  
Concen: 39.97 ng  
RT: 9.74 min Scan# 665  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 150702 |       |       |
| 63      | 54.7  | 32.3   | 48.5# |       |
| 89      | 52.5  | 28.6   | 43.0# |       |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.33 ng

RT: 9.99 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

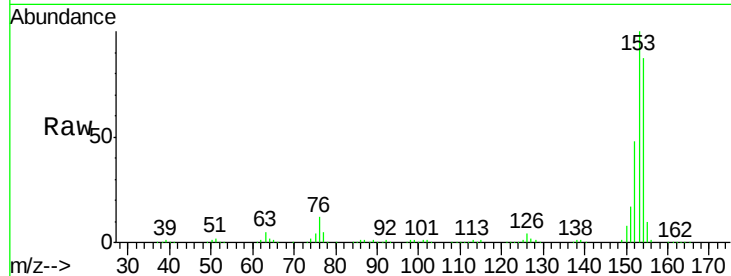
ClientSampleId :

SSTDCCC040

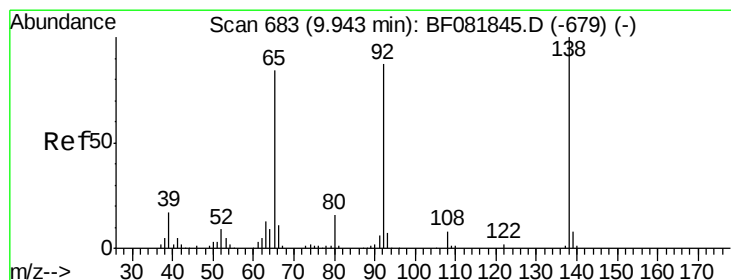
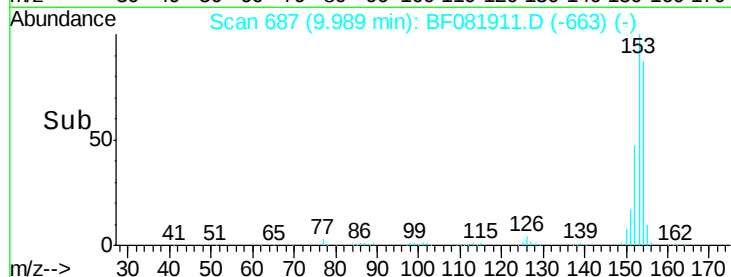
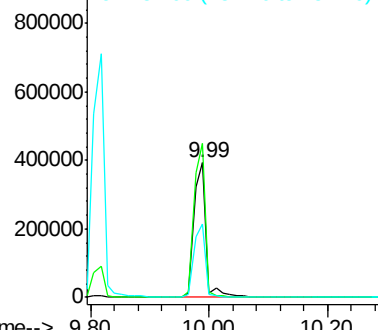
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 555228 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.7 | 82.1  | 123.1  |
| 152       | 54.5  | 37.9  | 56.9   |

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



#52

3-Nitroaniline

Concen: 39.93 ng

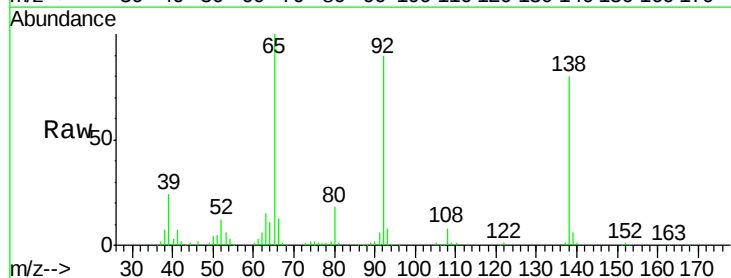
RT: 9.91 min Scan# 680

Delta R.T. -0.03 min

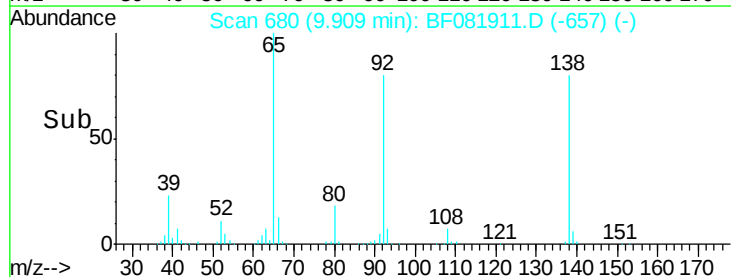
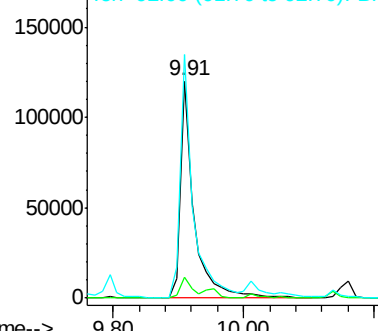
Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 174161 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 9.7   | 5.7   | 8.5#   |
| 92        | 112.0 | 67.7  | 101.5# |



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





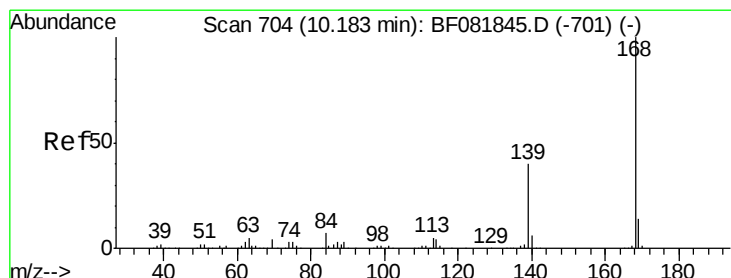
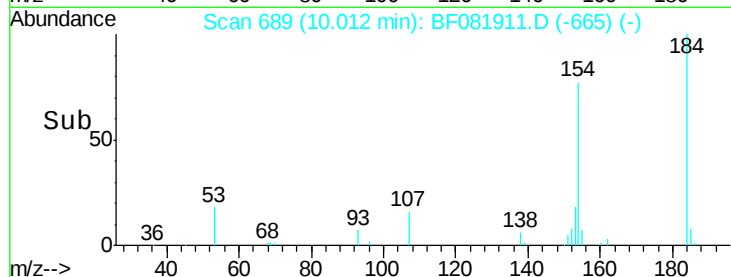
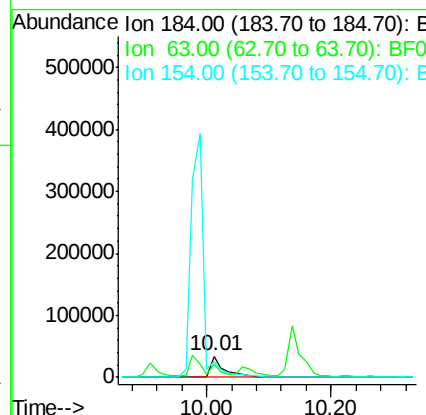
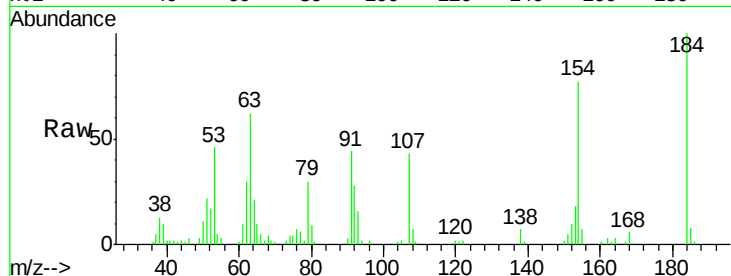
#53  
2,4-Dinitrophenol  
Concen: 43.72 ng  
RT: 10.01 min Scan# 689  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 55197 |       |       |
| 63      | 61.9  | 35.4  | 53.2# |       |
| 154     | 77.2  | 32.2  | 48.4# |       |

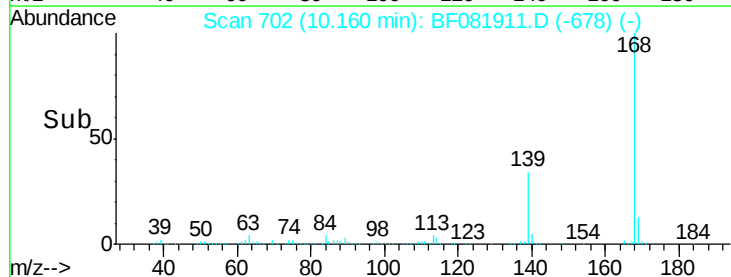
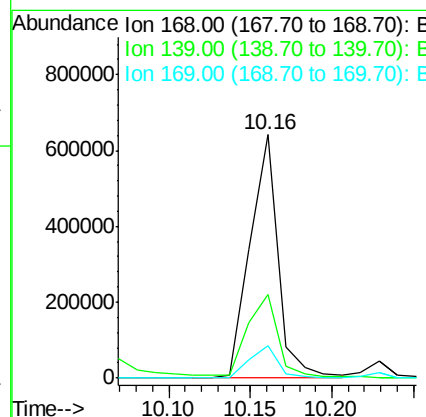
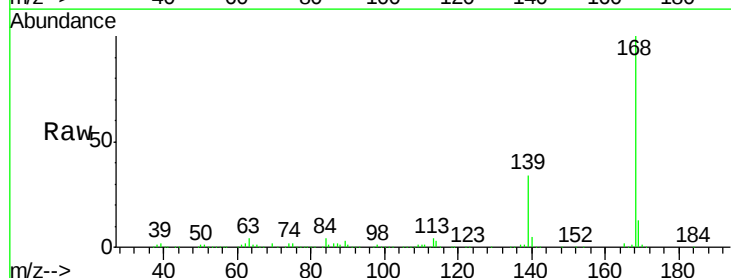
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#54  
Dibenzofuran  
Concen: 37.53 ng  
RT: 10.16 min Scan# 702  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 768210 |       |       |
| 139     | 34.4  | 24.2   | 36.2  |       |
| 169     | 13.3  | 10.6   | 15.8  |       |





#55

4-Nitrophenol

Concen: 33.55 ng

RT: 10.07 min Scan# 694

Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

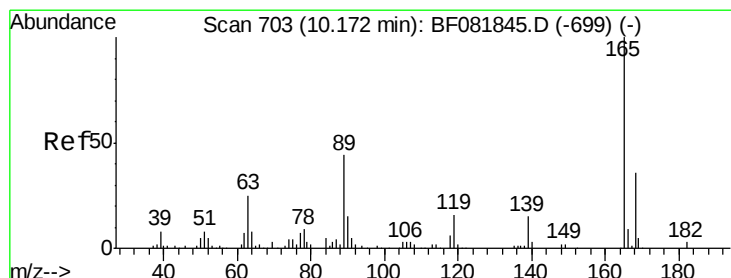
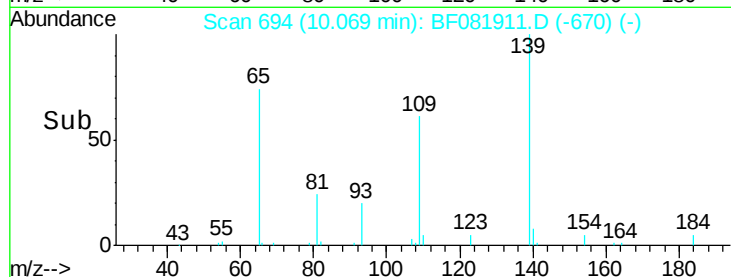
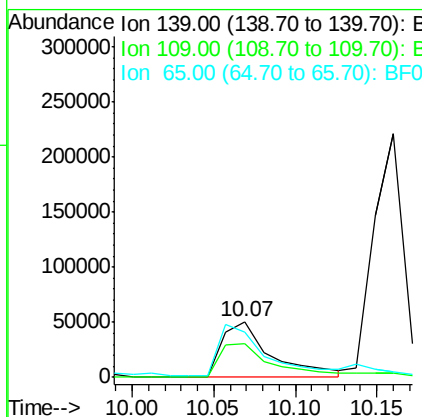
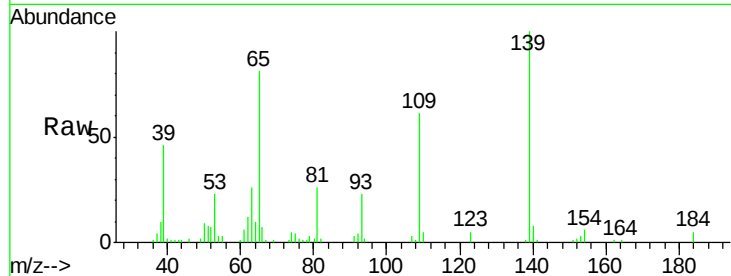
ClientSampleId :

SSTDCCC040

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 105719 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 61.3  | 12.7  | 52.7#  |
| 65        | 81.4  | 45.9  | 85.9   |



#56

2,4-Dinitrotoluene

Concen: 39.13 ng

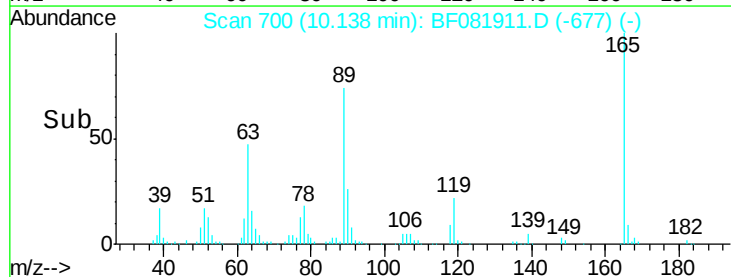
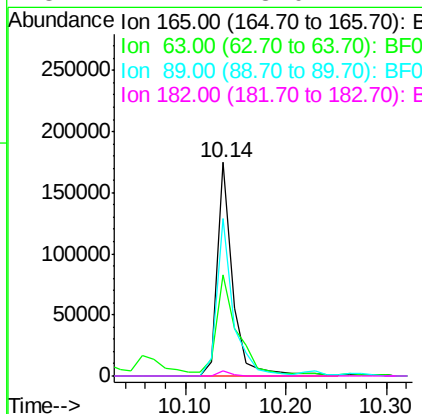
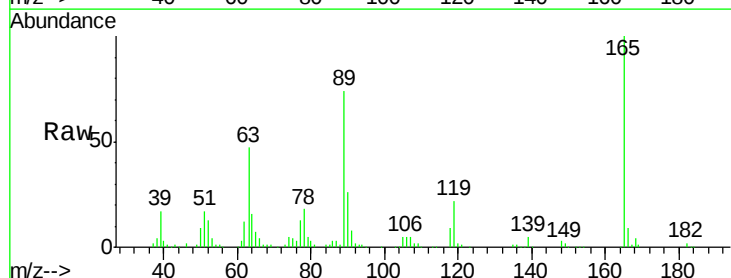
RT: 10.14 min Scan# 700

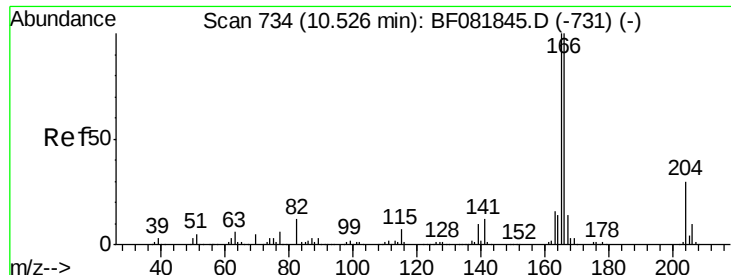
Delta R.T. -0.03 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 188060 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 47.3  | 29.8  | 44.6#  |
| 89        | 73.9  | 44.5  | 66.7#  |
| 182       | 2.1   | 3.0   | 4.4#   |





#57

Fluorene

Concen: 40.76 ng

RT: 10.50 min Scan# 732

Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

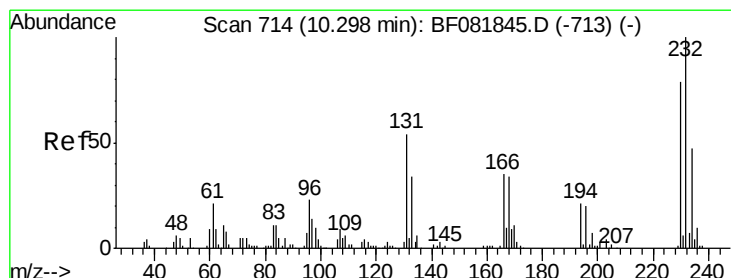
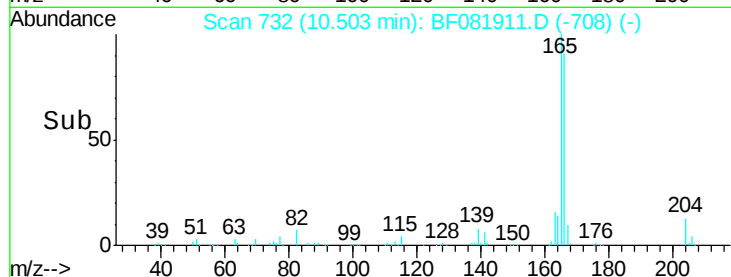
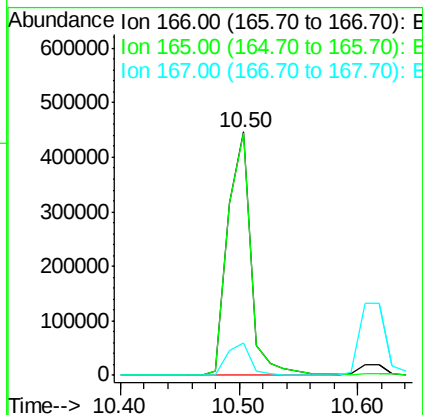
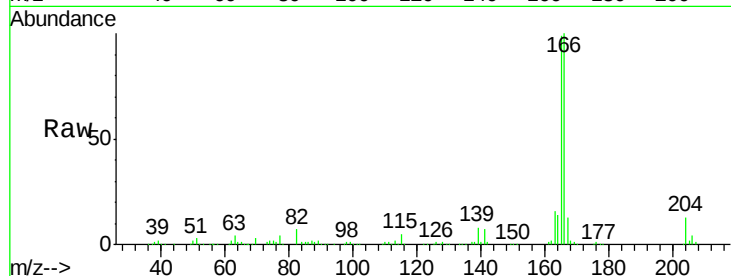
ClientSampleId :

SSTDCCC040

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 599714 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.4  | 72.6  | 109.0  |
| 167       | 13.2  | 10.6  | 16.0   |



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.69 ng

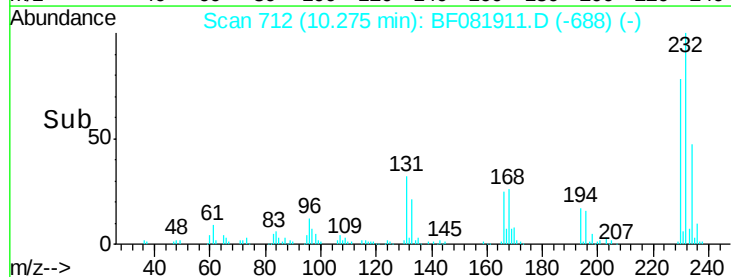
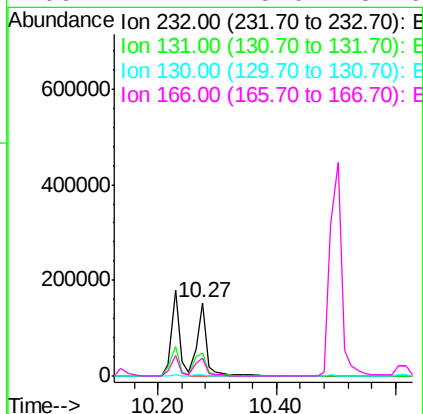
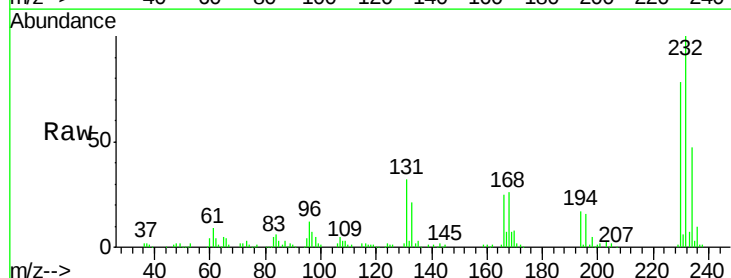
RT: 10.27 min Scan# 712

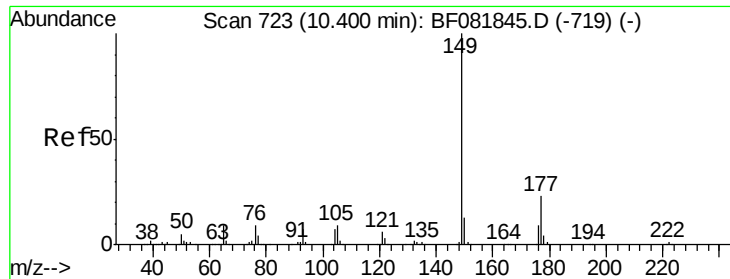
Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 180083 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 39.9  | 38.5  | 57.7   |
| 130       | 1.8   | 1.8   | 2.6    |
| 166       | 27.4  | 25.0  | 37.6   |





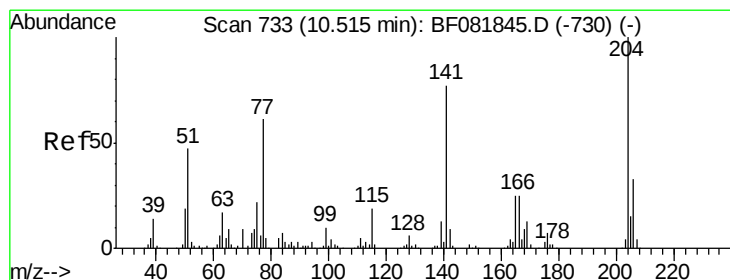
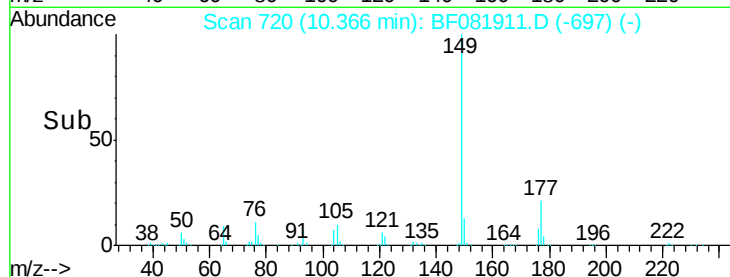
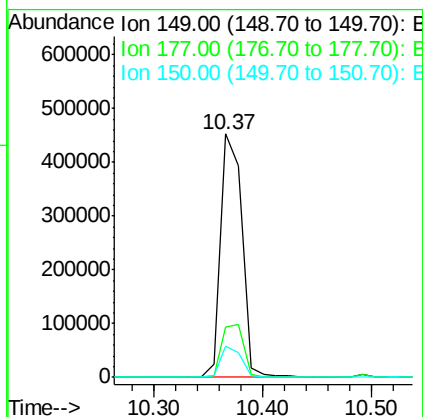
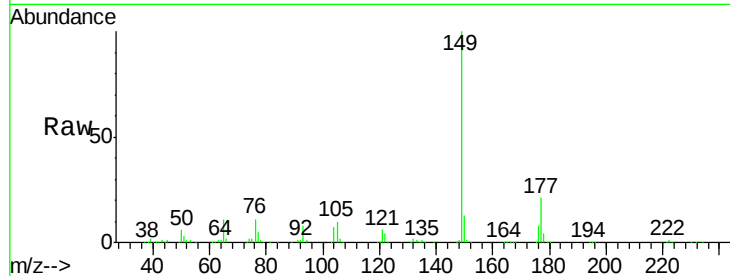
#59  
Diethylphthalate  
Concen: 38.31 ng  
RT: 10.37 min Scan# 720  
Delta R.T. -0.03 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 20.7  | 17.5  | 26.3  |
| 150     | 13.0  | 9.4   | 14.2  |

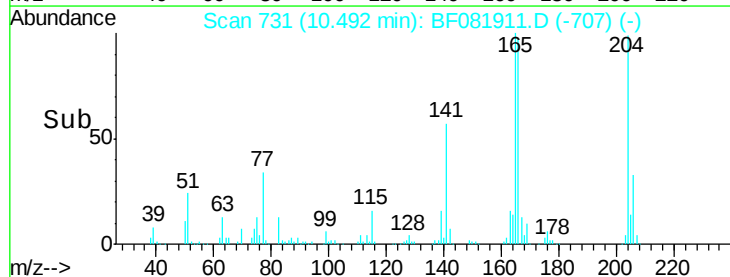
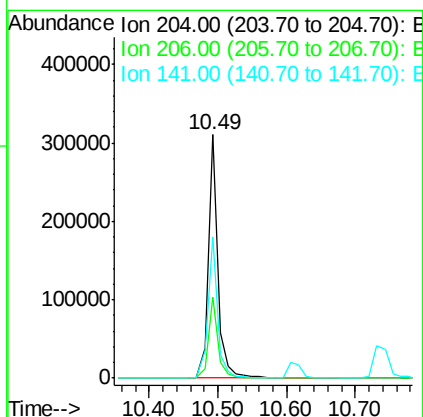
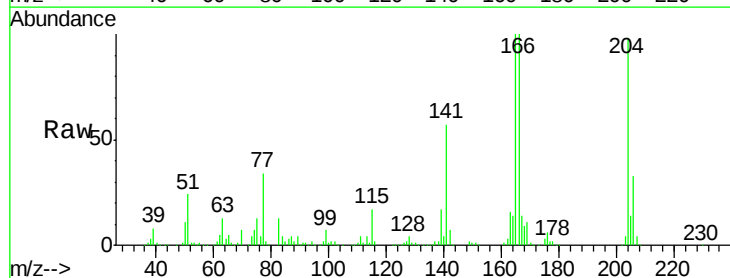
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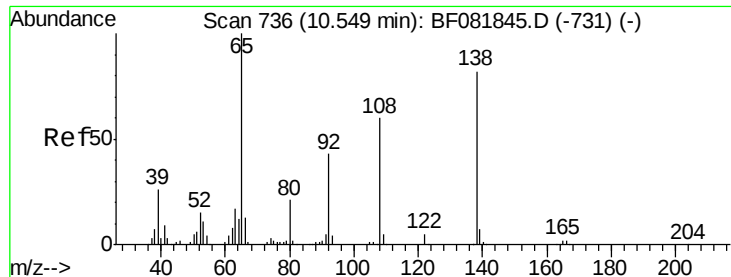
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#60  
4-Chlorophenyl-phenylether  
Concen: 40.08 ng  
RT: 10.49 min Scan# 731  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.6  | 24.8  | 37.2  |
| 141     | 58.2  | 42.2  | 63.4  |





#61

4-Nitroaniline

Concen: 38.32 ng

RT: 10.53 min Scan# 734

Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

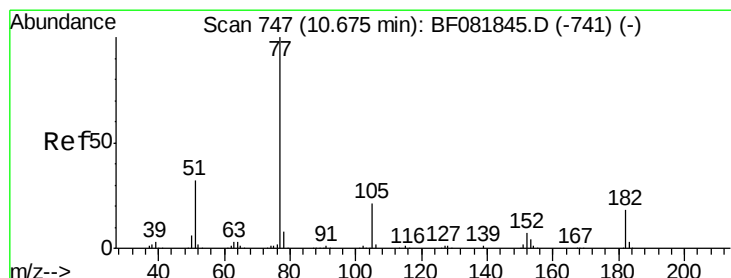
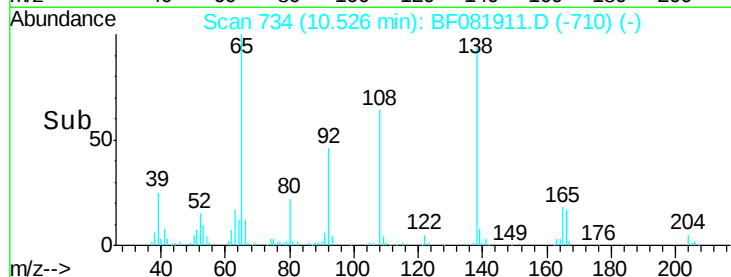
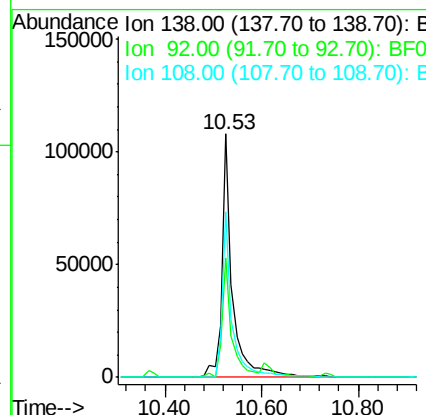
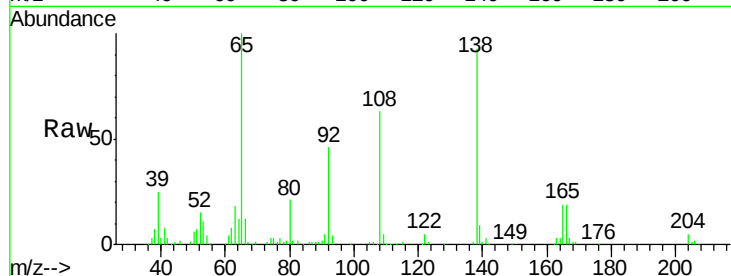
ClientSampleId :

SSTDCCC040

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 167596 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 49.2  | 12.6  | 52.6   |
| 108       | 68.2  | 12.4  | 52.4#  |

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#62

Azobenzene

Concen: 40.36 ng

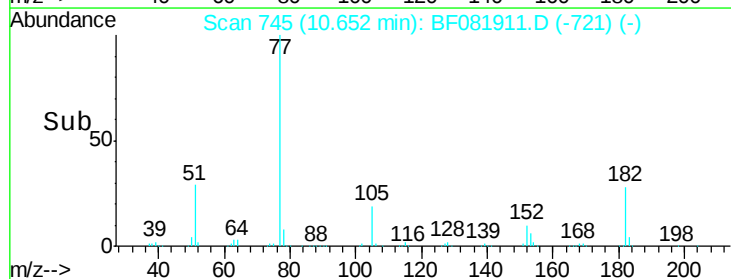
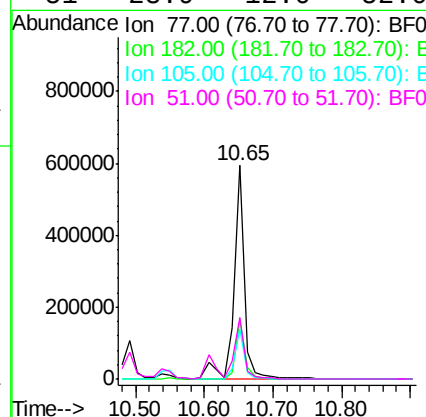
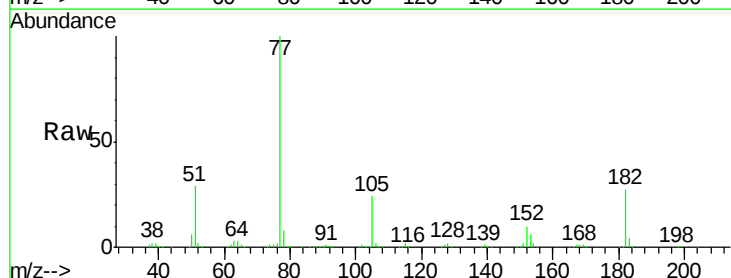
RT: 10.65 min Scan# 745

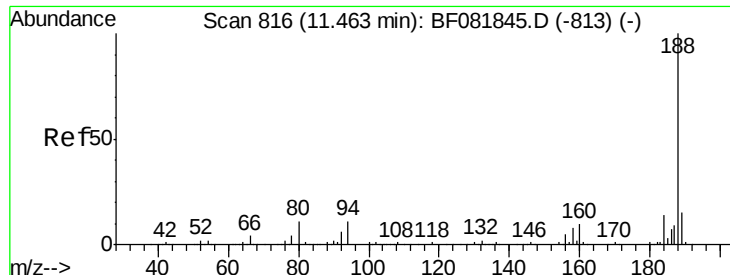
Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 638884 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 27.5  | 15.1  | 55.1   |
| 105       | 23.5  | 3.4   | 43.4   |
| 51        | 28.9  | 12.0  | 52.0   |





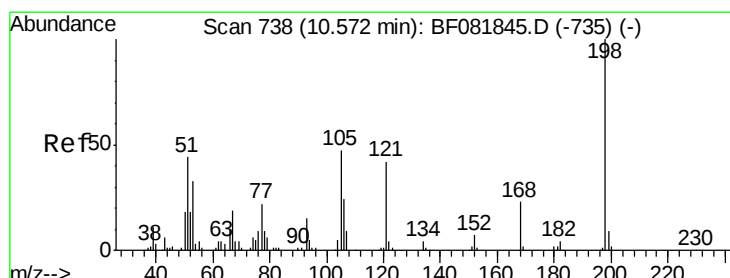
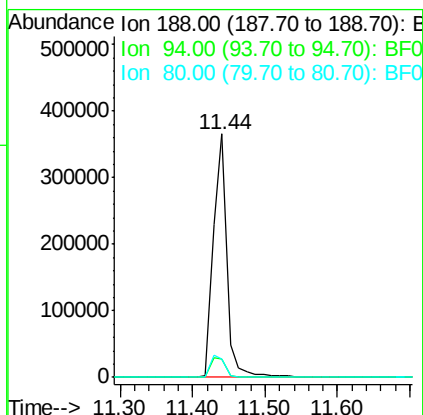
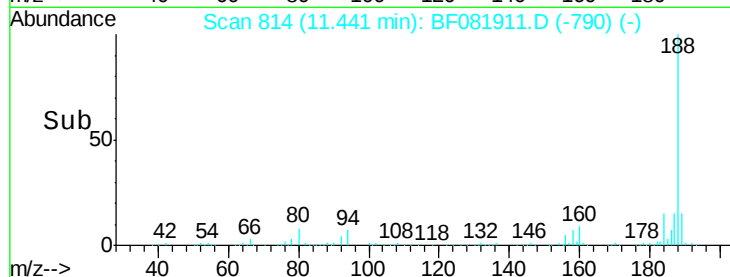
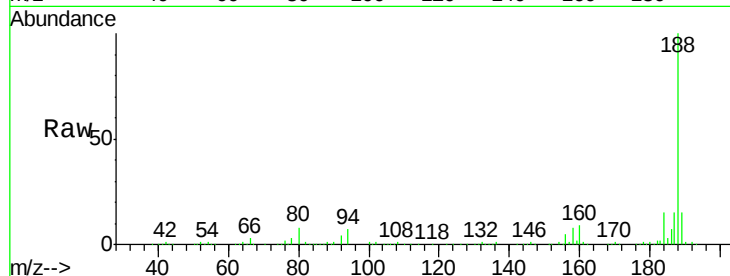
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.44 min Scan# 814  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 473683 |       |       |
| 94      | 7.4   | 11.1   | 16.7# |       |
| 80      | 7.5   | 11.0   | 16.4# |       |

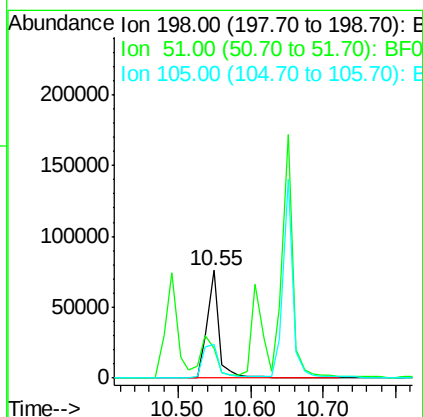
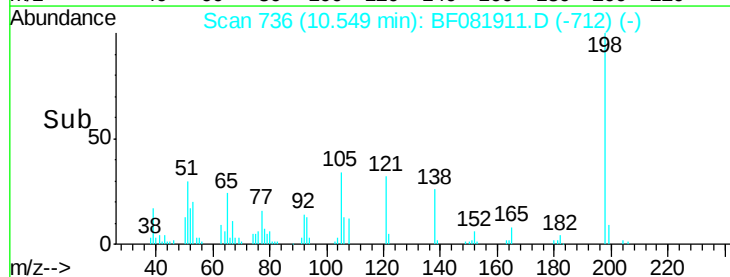
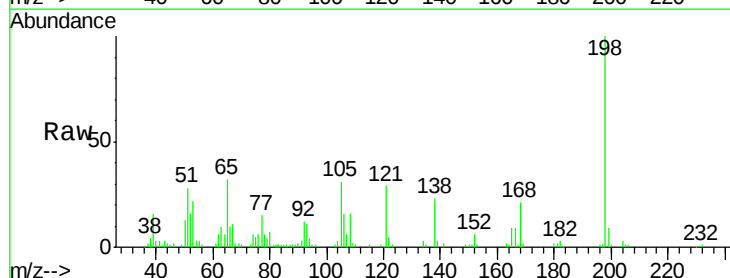
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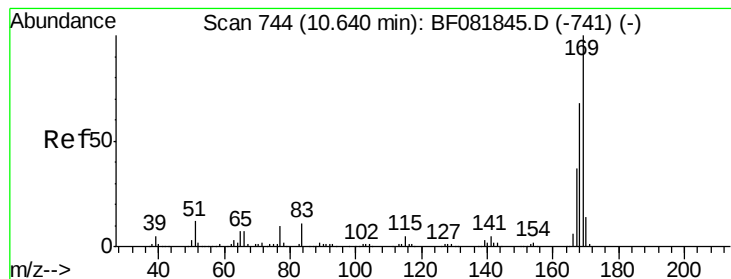
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 42.28 ng  
RT: 10.55 min Scan# 736  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 88284 |       |       |
| 51      | 27.5  | 39.6  | 79.6# |       |
| 105     | 30.7  | 28.5  | 68.5  |       |





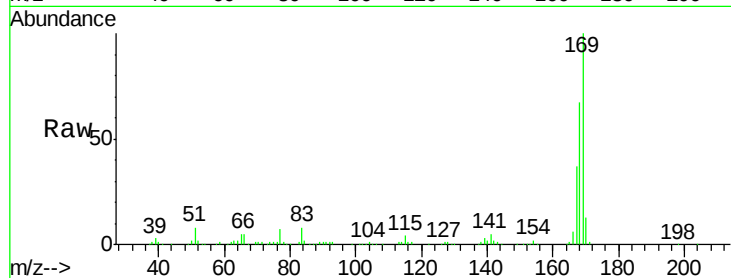
#65  
n-Nitrosodiphenylamine  
Concen: 38.42 ng  
RT: 10.62 min Scan# 742  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

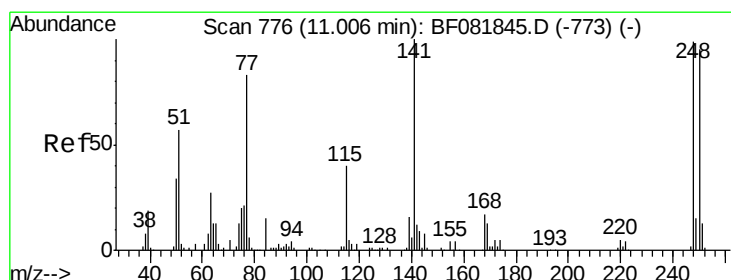
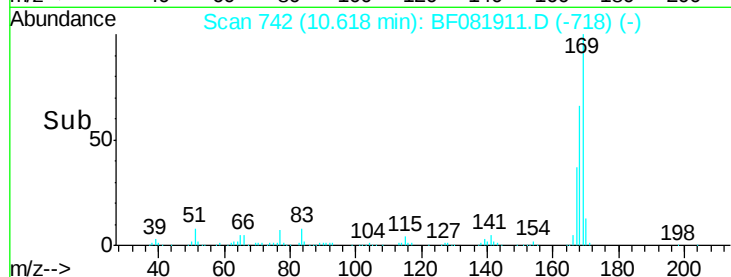
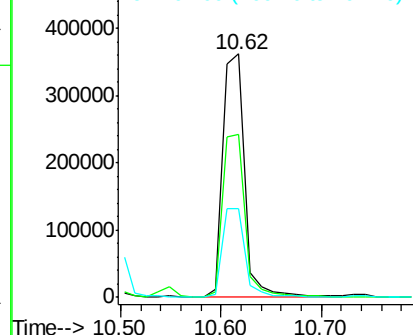
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 550636 |       |       |
| 168     | 66.8  | 48.9   | 73.3  |       |
| 167     | 36.5  | 26.2   | 39.4  |       |

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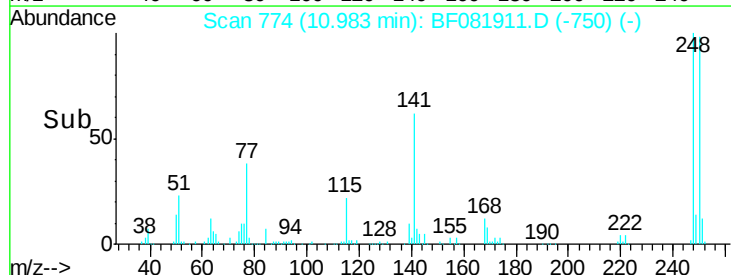
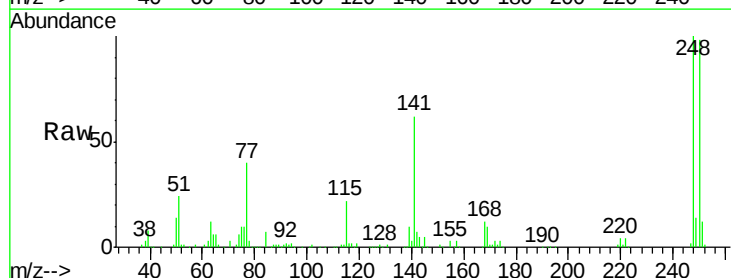
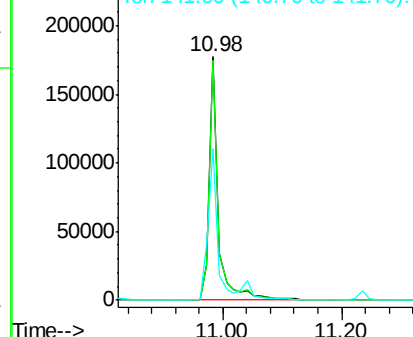
Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

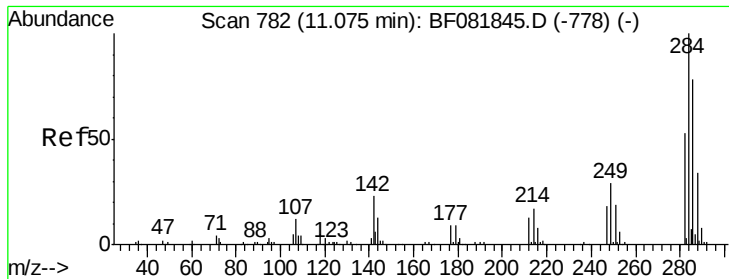


#66  
4-Bromophenyl-phenylether  
Concen: 40.82 ng  
RT: 10.98 min Scan# 774  
Delta R.T. -0.02 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 194950 |       |       |
| 250     | 98.3  | 78.5   | 117.7 |       |
| 141     | 62.3  | 59.0   | 88.6  |       |

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





#67

Hexachlorobenzene

Concen: 34.70 ng

RT: 11.04 min Scan# 779

Delta R.T. -0.03 min

Lab File: BF081911.D

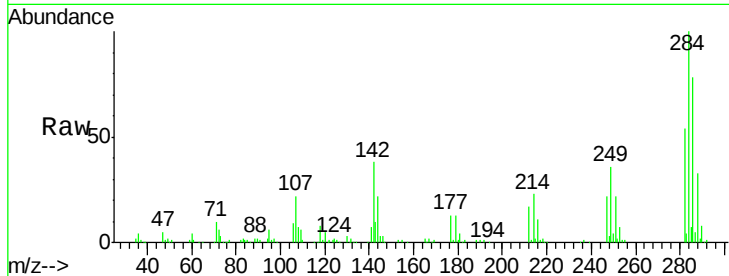
Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

ClientSampleId :

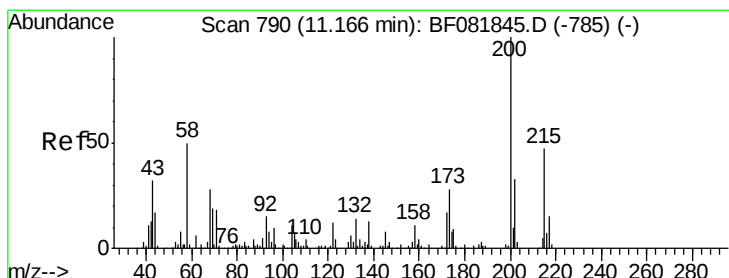
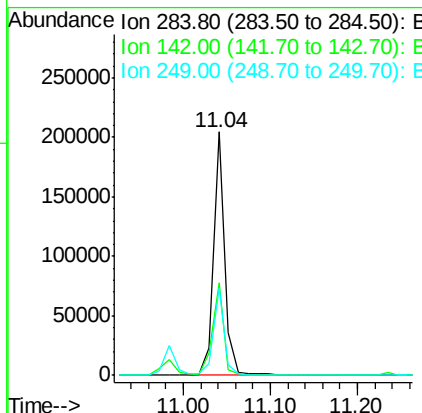
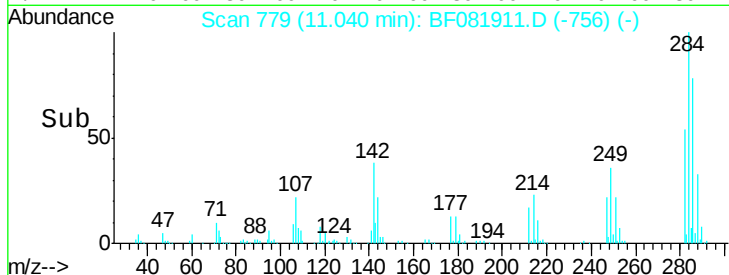
SSTDCCC040



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 187022 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 37.8  | 29.5  | 44.3   |
| 249       | 35.8  | 19.5  | 29.3#  |

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#68

Atrazine

Concen: 37.47 ng

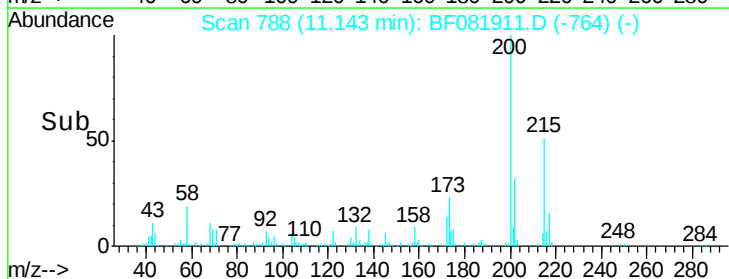
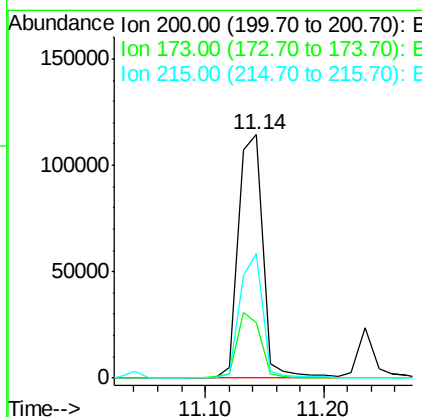
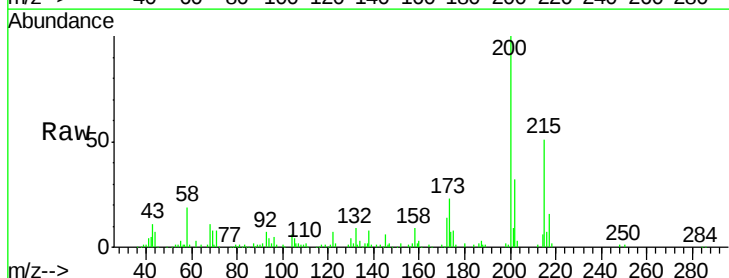
RT: 11.14 min Scan# 788

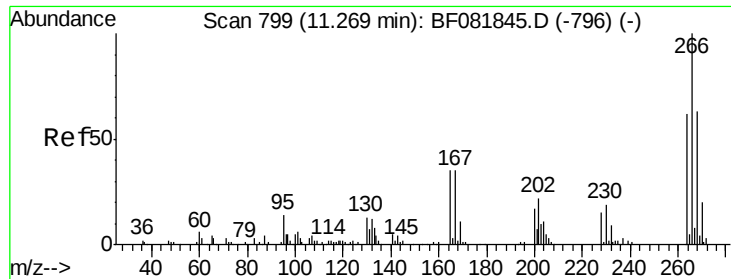
Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 166608 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 22.7  | 13.2  | 53.2   |
| 215       | 51.4  | 41.8  | 81.8   |





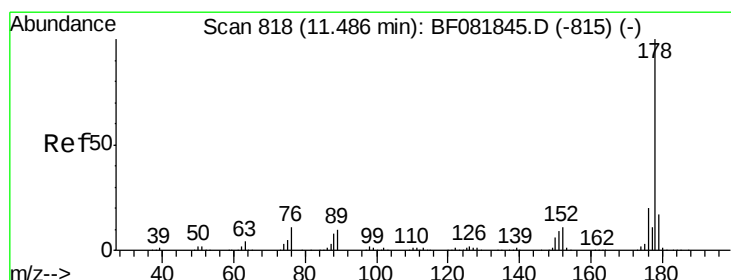
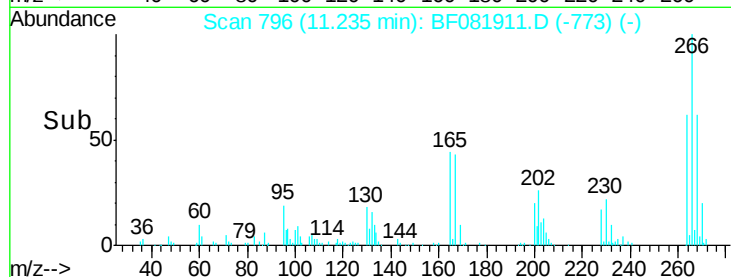
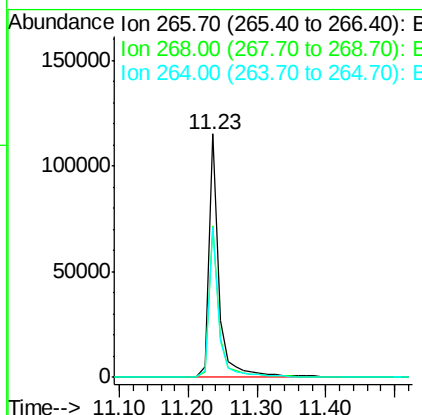
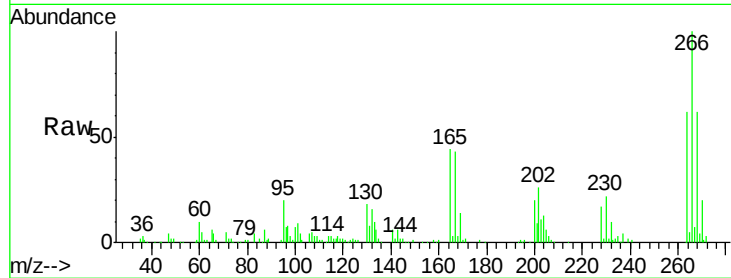
#69  
 Pentachlorophenol  
 Concen: 38.95 ng  
 RT: 11.23 min Scan# 796  
 Delta R.T. -0.03 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 119637 |       |       |
| 268     | 62.4  | 49.8   | 74.6  |       |
| 264     | 61.7  | 50.2   | 75.2  |       |

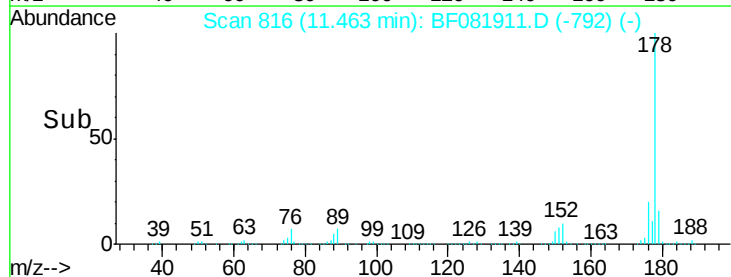
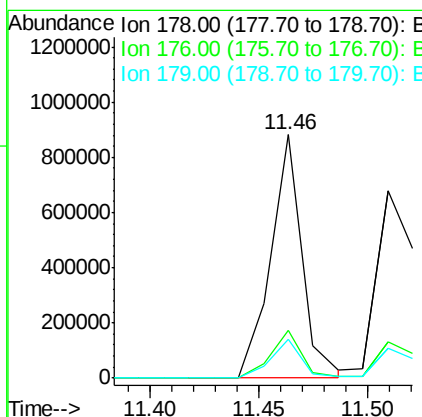
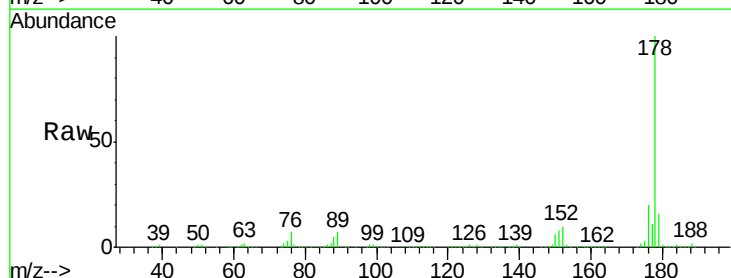
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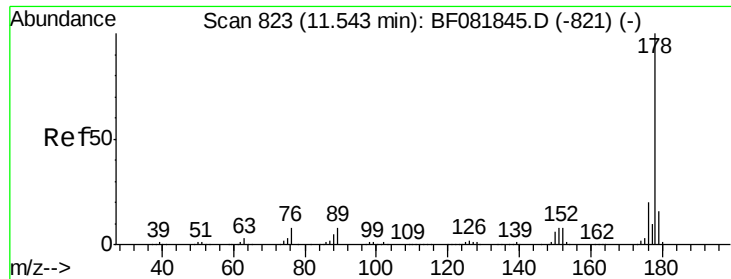
MMDadoda  
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#70  
 Phenanthrene  
 Concen: 38.97 ng  
 RT: 11.46 min Scan# 816  
 Delta R.T. -0.02 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 893325 |       |       |
| 176     | 19.8  | 13.8   | 20.8  |       |
| 179     | 15.8  | 12.2   | 18.2  |       |





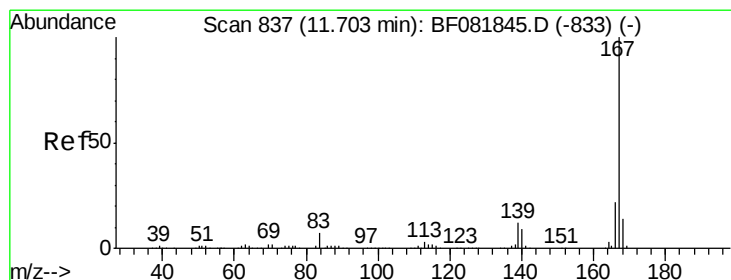
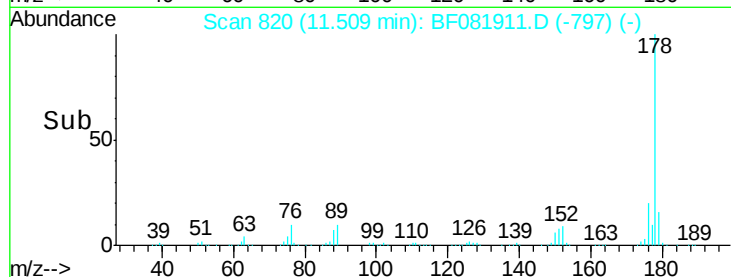
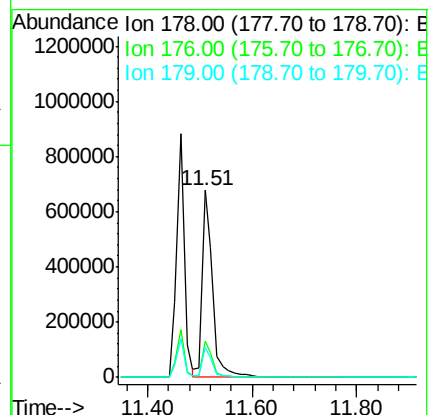
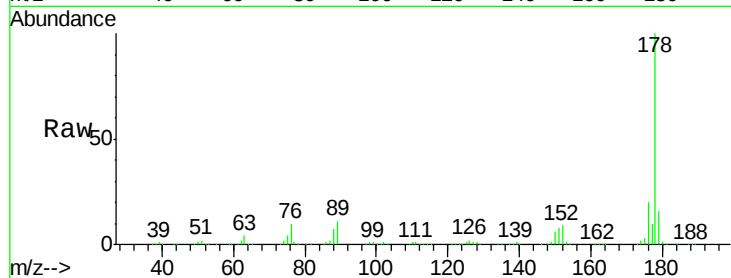
#71  
 Anthracene  
 Concen: 39.50 ng  
 RT: 11.51 min Scan# 820  
 Delta R.T. -0.03 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 14.1  | 21.1  |
| 179     | 16.1  | 12.2  | 18.2  |

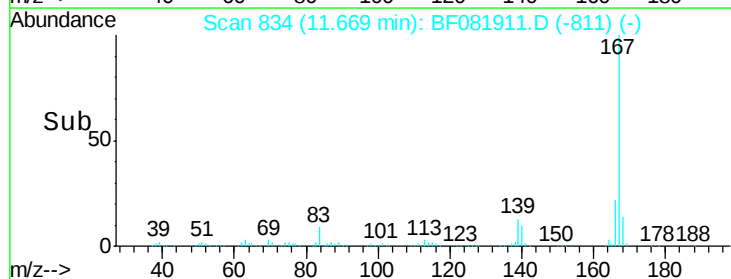
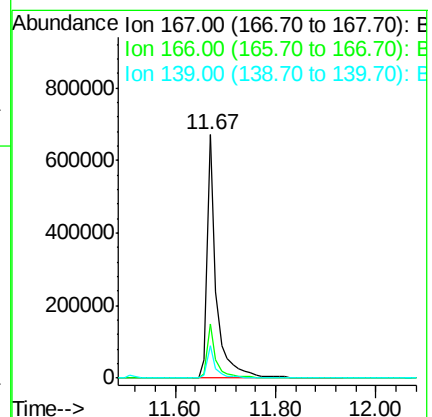
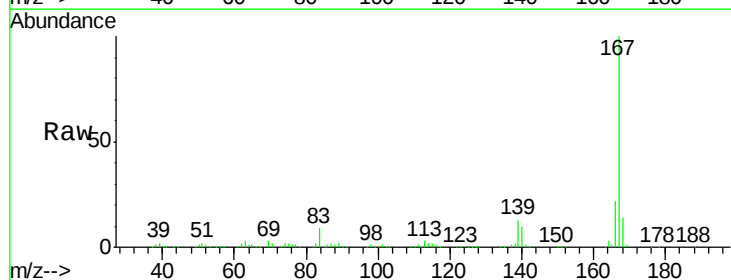
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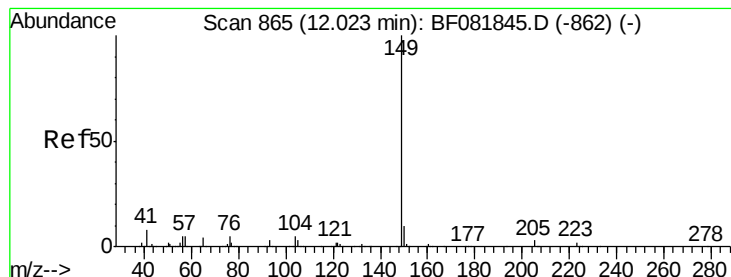
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#72  
 Carbazole  
 Concen: 39.23 ng  
 RT: 11.67 min Scan# 834  
 Delta R.T. -0.03 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.4  | 15.7  | 23.5  |
| 139     | 13.1  | 9.5   | 14.3  |





#73

Di-n-butylphthalate

Concen: 37.16 ng

RT: 12.00 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

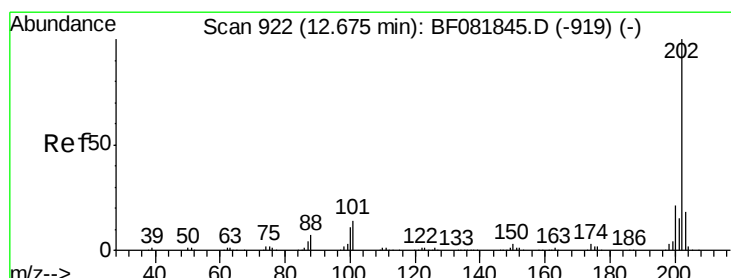
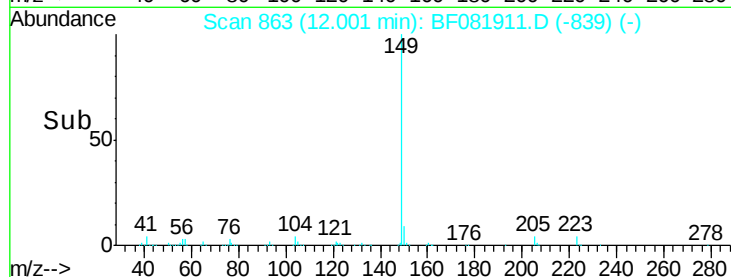
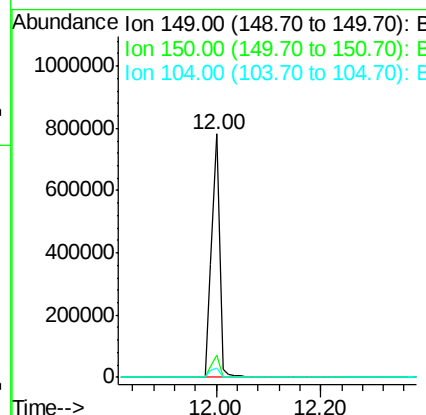
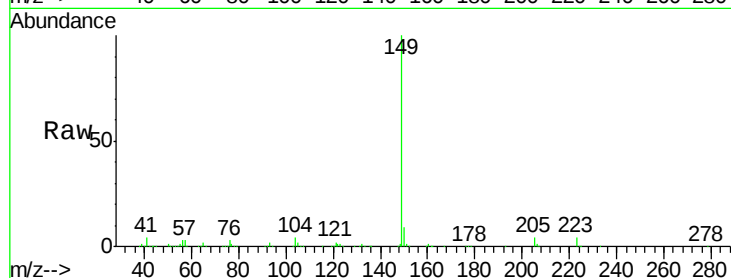
ClientSampleId :

SSTDCCC040

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 829992 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.0   | 7.4   | 11.2   |
| 104       | 4.0   | 2.4   | 3.6#   |



#74

Fluoranthene

Concen: 32.29 ng

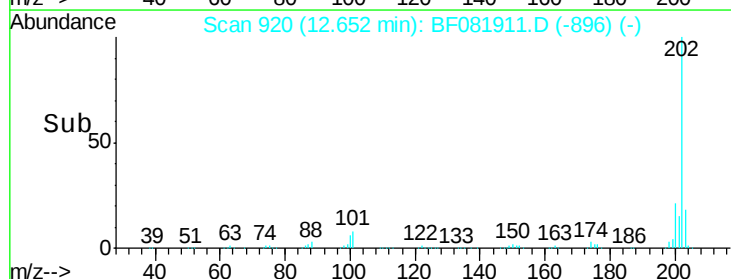
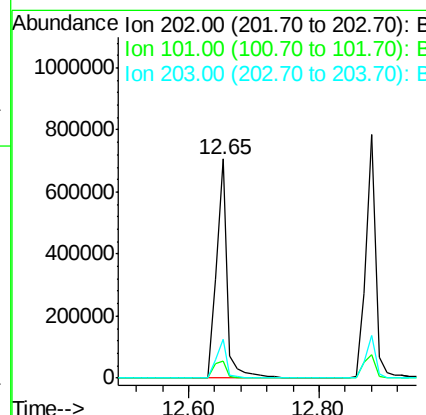
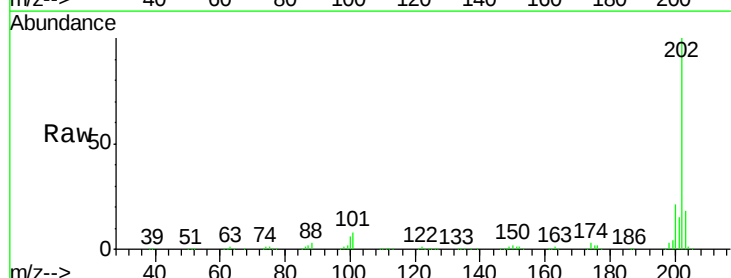
RT: 12.65 min Scan# 920

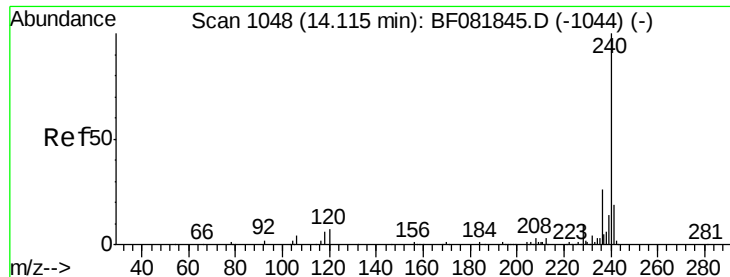
Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 819321 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 7.7   | 0.0   | 38.3   |
| 203       | 17.7  | 0.0   | 37.3   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1045

Delta R.T. -0.03 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

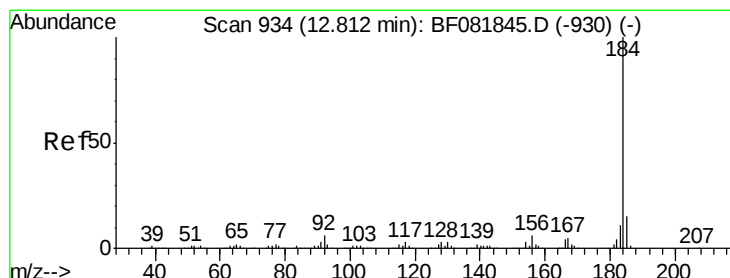
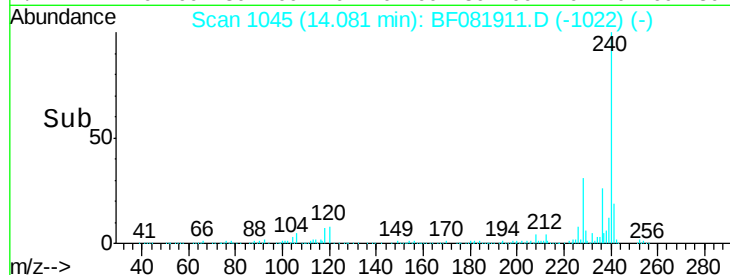
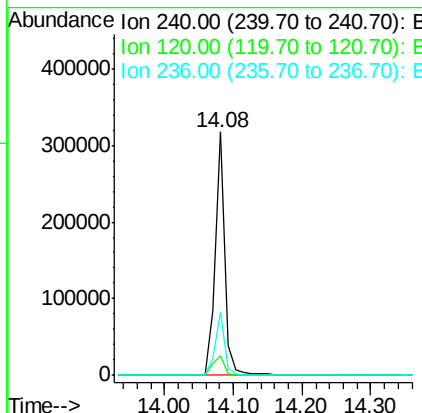
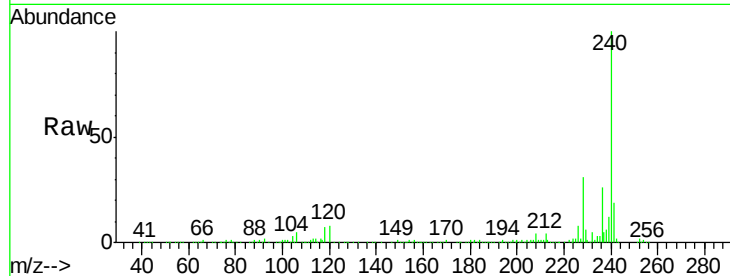
ClientSampleId :

SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 7.8   | 16.2  | 24.2# |
| 236     | 25.9  | 18.4  | 27.6  |

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#76

Benzidine

Concen: 36.14 ng

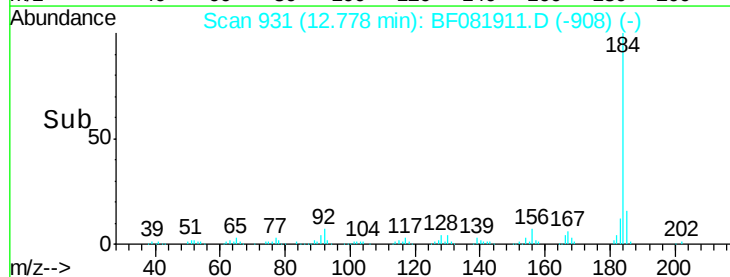
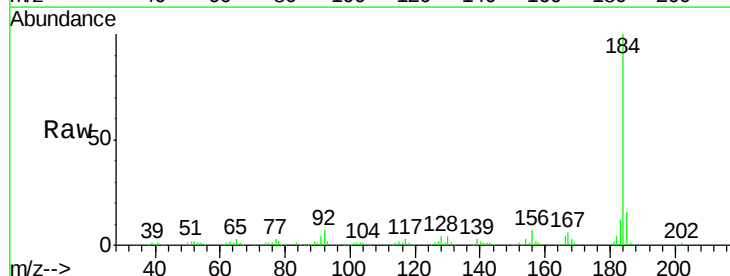
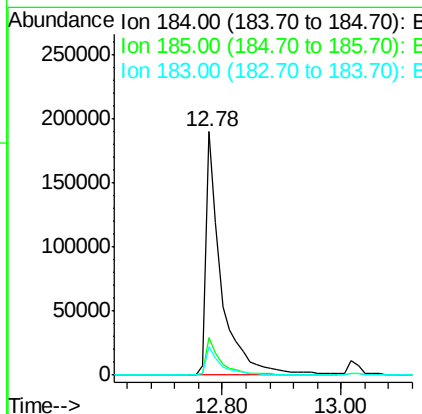
RT: 12.78 min Scan# 931

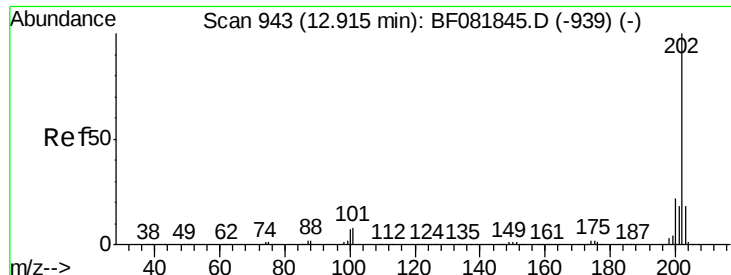
Delta R.T. -0.03 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 15.6  | 11.8  | 17.6  |
| 183     | 11.6  | 7.6   | 11.4# |





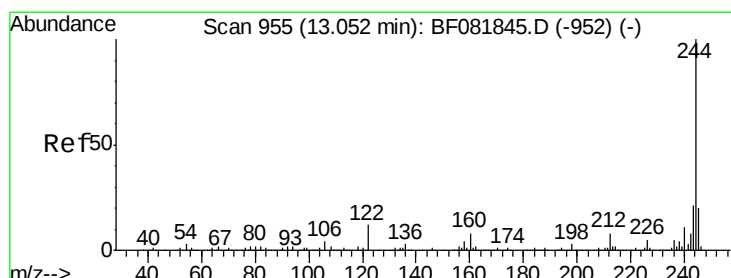
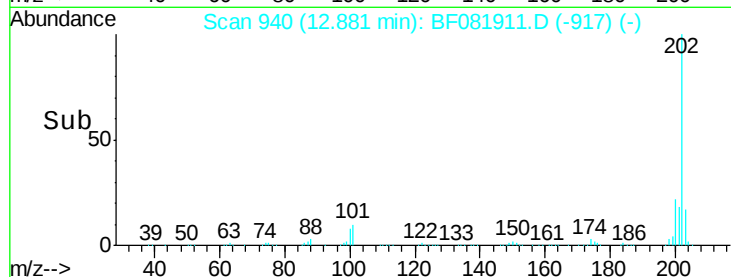
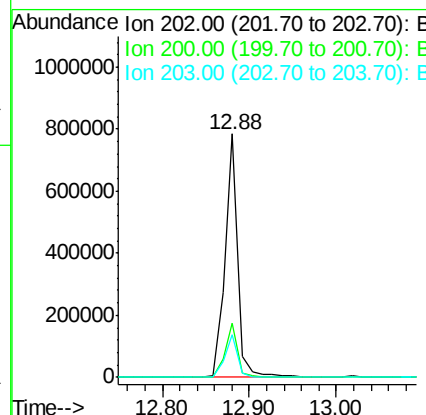
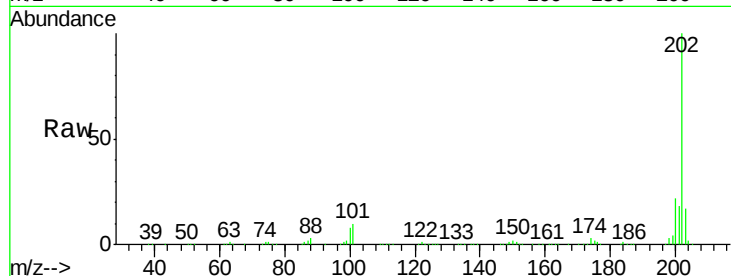
#77  
 Pyrene  
 Concen: 42.67 ng  
 RT: 12.88 min Scan# 940  
 Delta R.T. -0.03 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 22.3  | 15.0       | 22.4  |
| 203     | 17.4  | 14.1       | 21.1  |

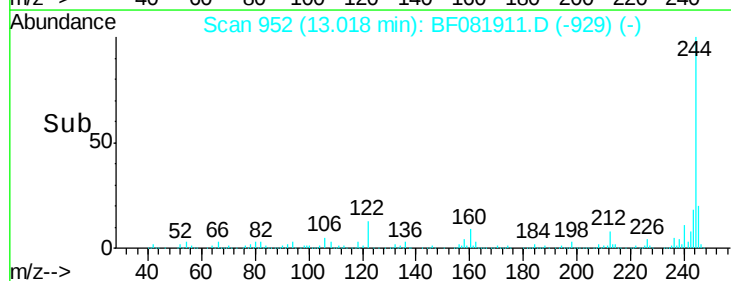
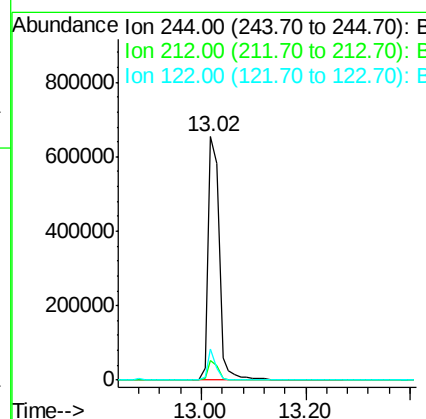
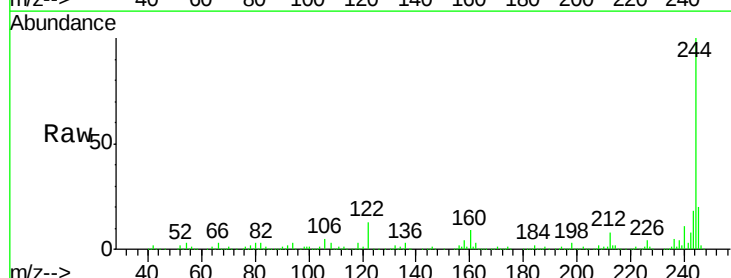
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#78  
 Terphenyl-d14  
 Concen: 105.99 ng  
 RT: 13.02 min Scan# 952  
 Delta R.T. -0.03 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 8.1   | 4.3        | 6.5#  |
| 122     | 12.8  | 17.4       | 26.2# |





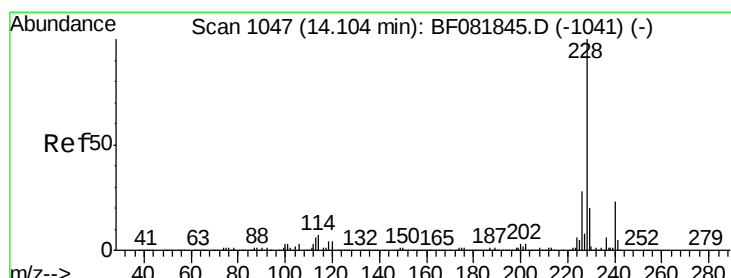
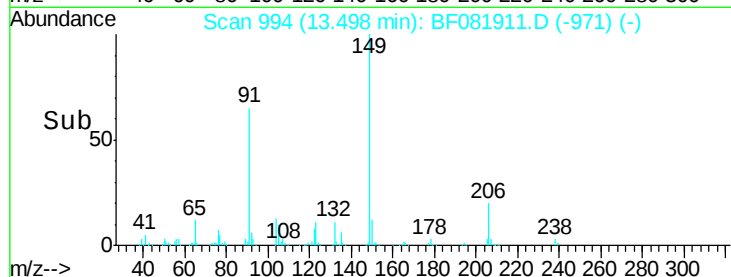
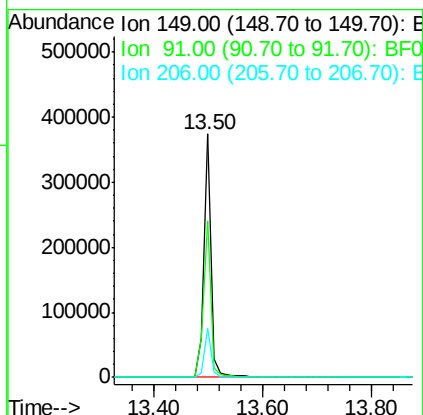
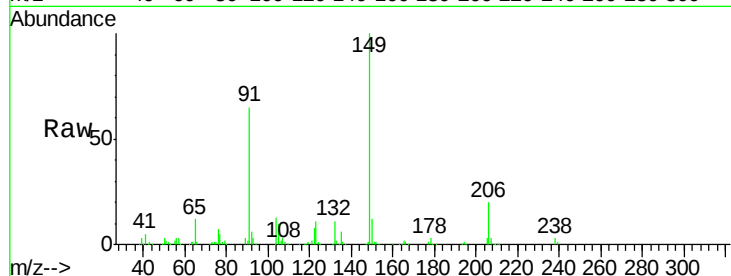
#79  
Butylbenzylphthalate  
Concen: 46.85 ng  
RT: 13.50 min Scan# 994  
Delta R.T. -0.03 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 333913 |       |       |
| 91      | 64.6  | 48.6   | 72.8  |       |
| 206     | 20.4  | 14.9   | 22.3  |       |

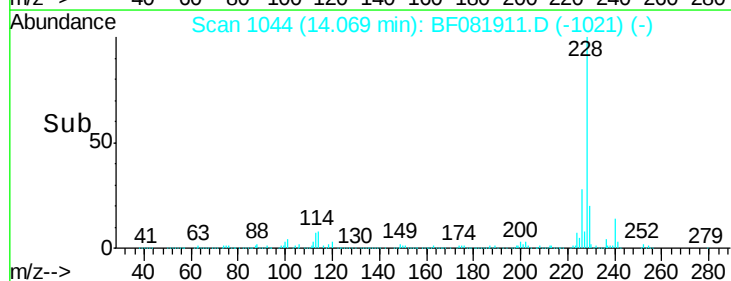
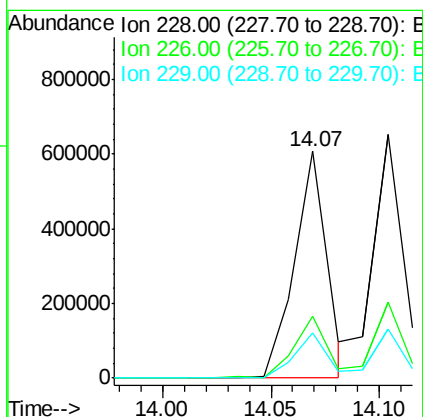
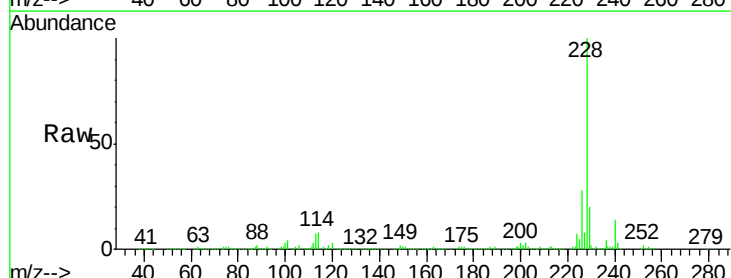
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#80  
Benzo(a)anthracene  
Concen: 37.00 ng  
RT: 14.07 min Scan# 1044  
Delta R.T. -0.03 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 631727 |       |       |
| 226     | 27.5  | 20.0   | 30.0  |       |
| 229     | 20.0  | 15.4   | 23.2  |       |





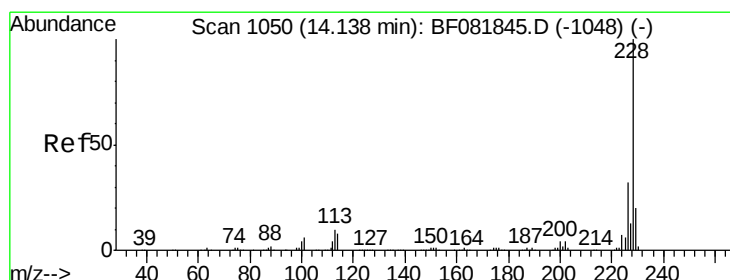
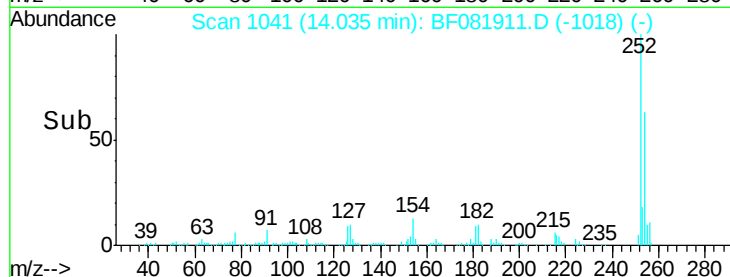
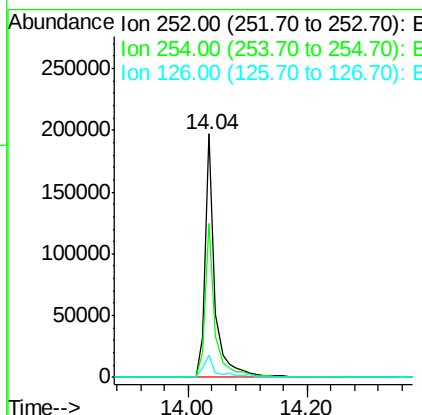
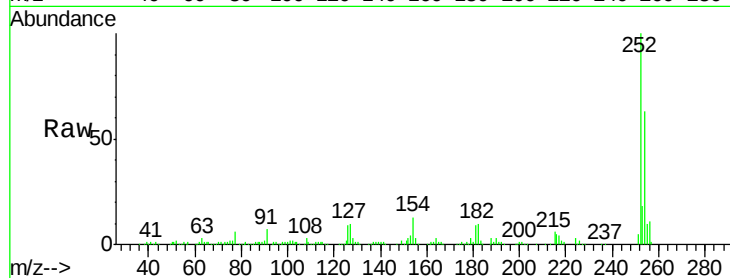
#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.33 ng  
 RT: 14.04 min Scan# 1041  
 Delta R.T. -0.03 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 63.4  | 51.4       | 77.2  |
| 126     | 9.3   | 16.4       | 24.6  |

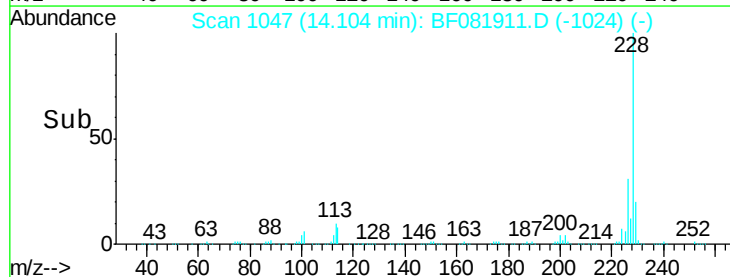
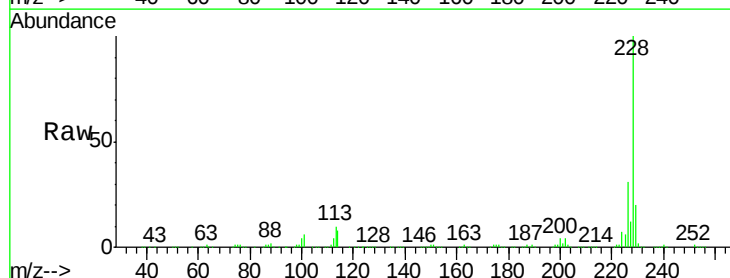
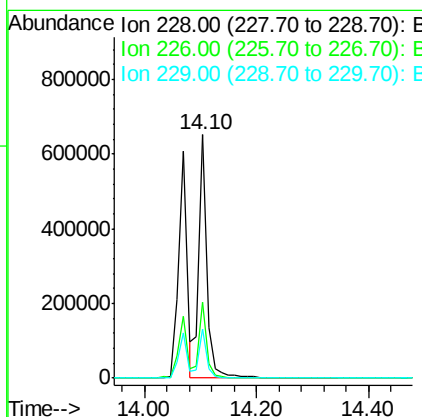
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#82  
 Chrysene  
 Concen: 45.36 ng m  
 RT: 14.10 min Scan# 1047  
 Delta R.T. -0.03 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 31.1  | 21.0       | 31.4  |
| 229     | 20.1  | 15.6       | 23.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.12 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

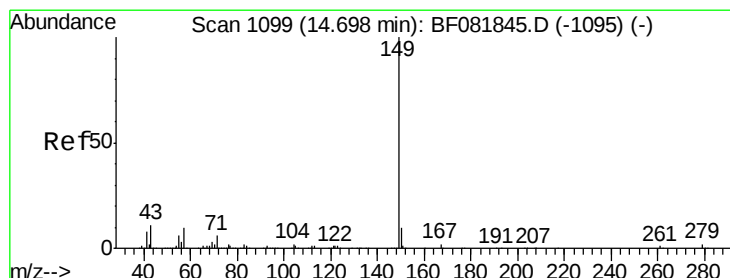
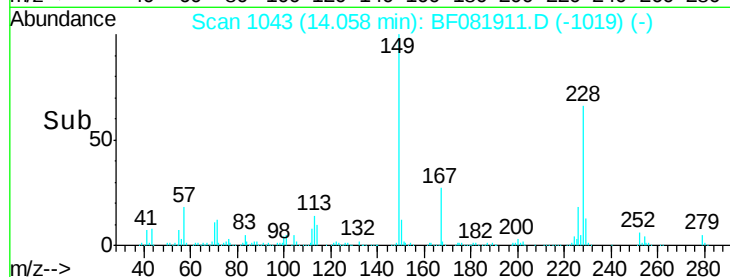
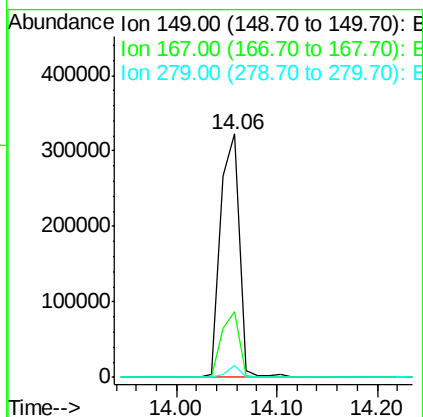
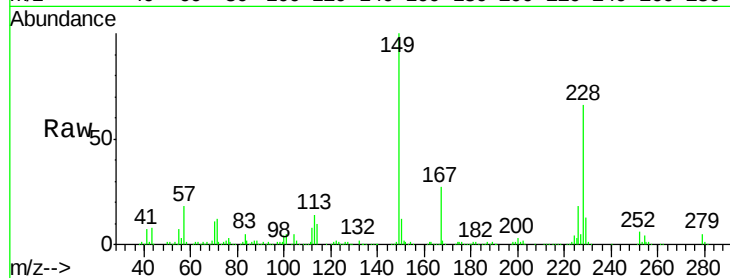
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 421265 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 167       | 27.2 | 24.2  | 36.2   |
| 279       | 4.9  | 3.8   | 5.6    |

Manual Integrations  
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#84

Di-n-octyl phthalate

Concen: 41.63 ng

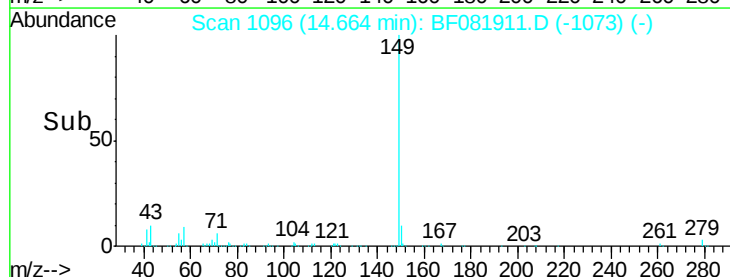
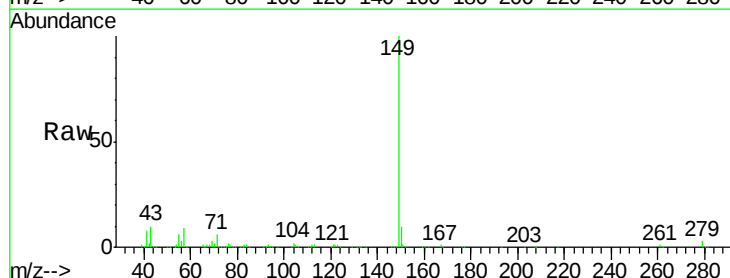
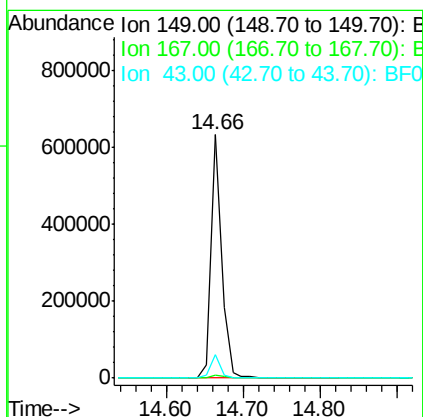
RT: 14.66 min Scan# 1096

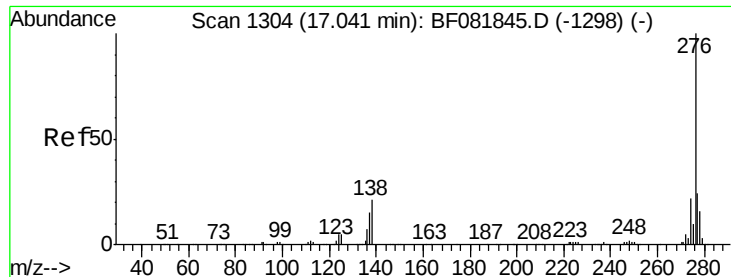
Delta R.T. -0.03 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

|           |     |       |        |
|-----------|-----|-------|--------|
| Tgt Ion:  | 149 | Resp: | 605760 |
| Ion Ratio |     | Lower | Upper  |
| 149       | 100 |       |        |
| 167       | 1.5 | 1.0   | 1.6    |
| 43        | 9.4 | 10.2  | 15.2#  |





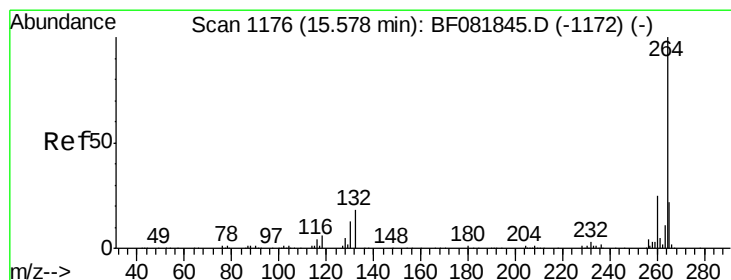
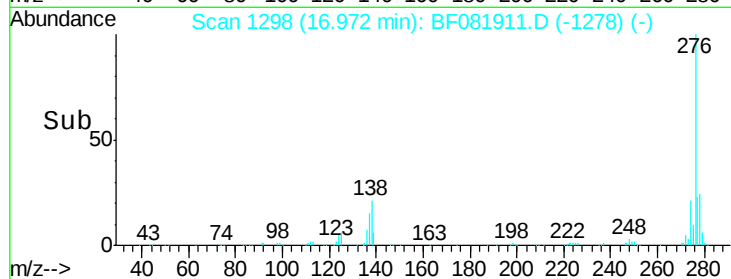
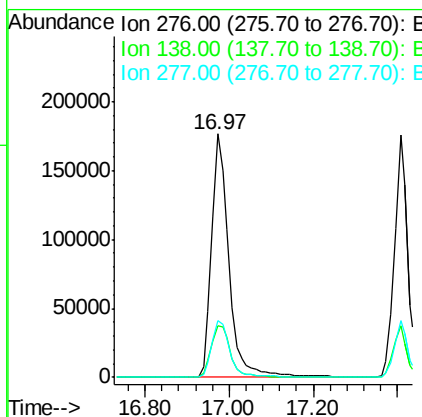
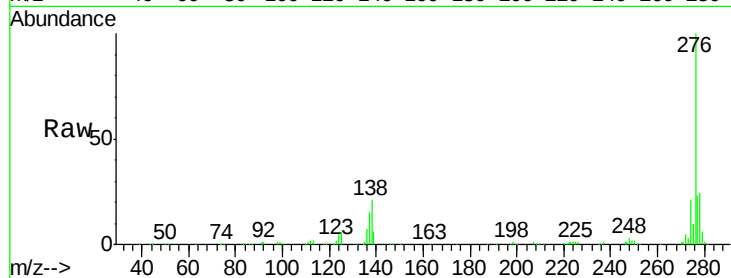
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.23 ng  
 RT: 16.97 min Scan# 1298  
 Delta R.T. -0.07 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.2  | 25.7  | 38.5# |
| 277     | 24.6  | 15.6  | 23.4# |

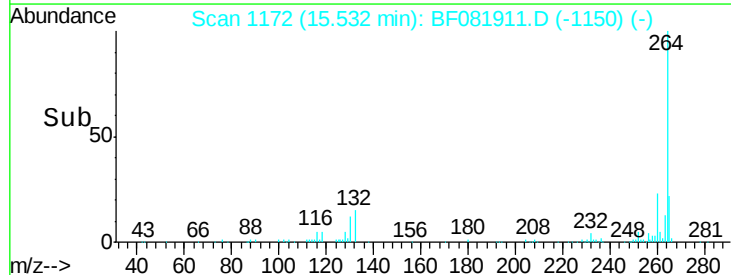
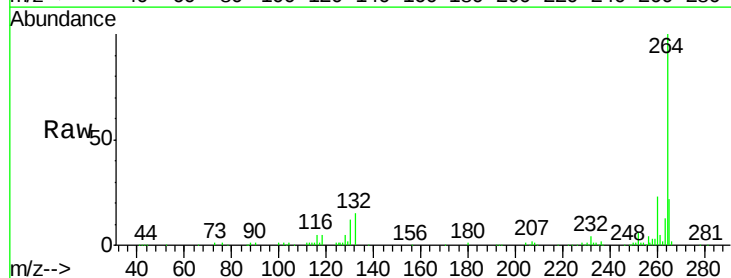
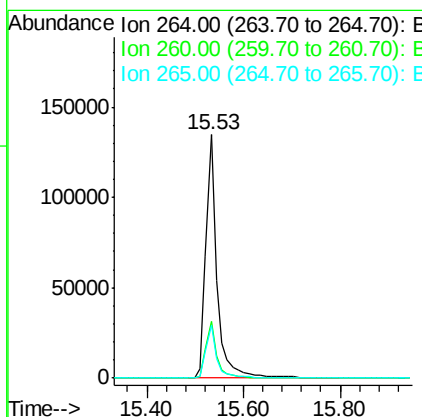
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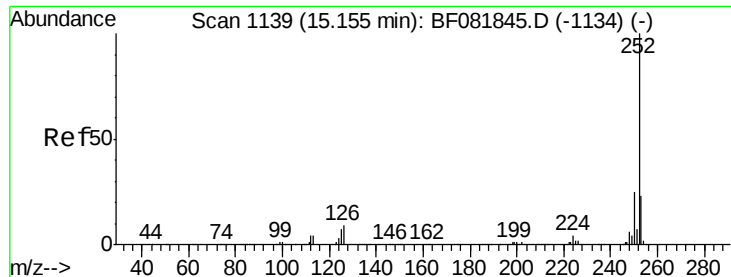
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.53 min Scan# 1172  
 Delta R.T. -0.05 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.4  | 16.7  | 25.1  |
| 265     | 21.6  | 17.2  | 25.8  |





#87

Benzo(b)fluoranthene

Concen: 38.96 ng

RT: 15.11 min Scan# 1135

Delta R.T. -0.05 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

Instrument :

BNA\_F

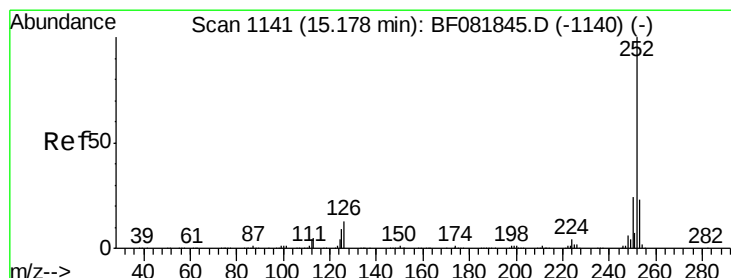
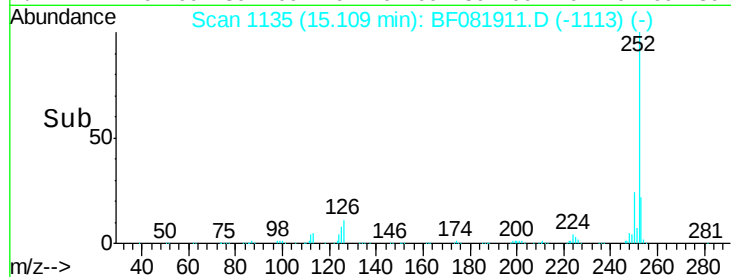
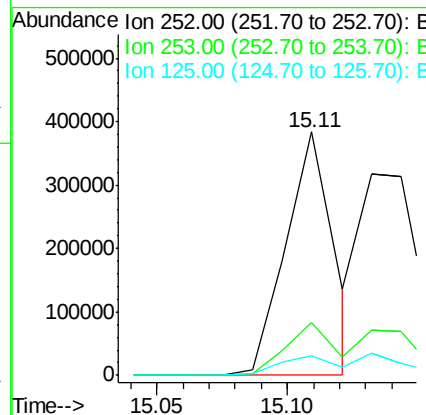
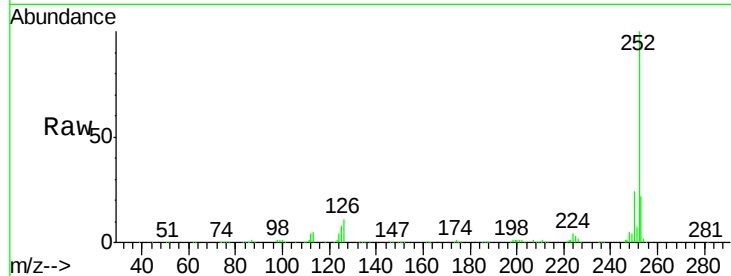
ClientSampleId :

SSTDCCC040

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 484770 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 21.6 | 17.5  | 26.3   |
| 125       | 8.2  | 17.1  | 25.7#  |

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#88

Benzo(k)fluoranthene

Concen: 47.32 ng m

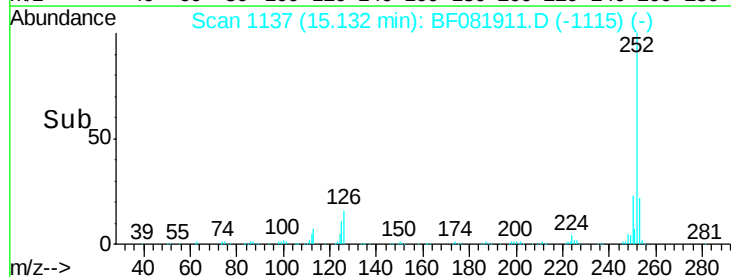
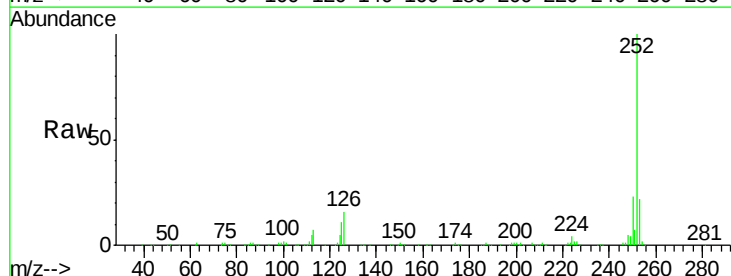
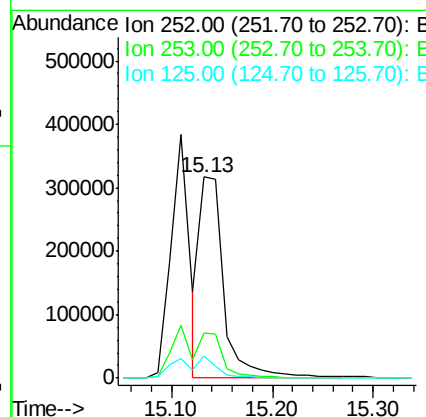
RT: 15.13 min Scan# 1137

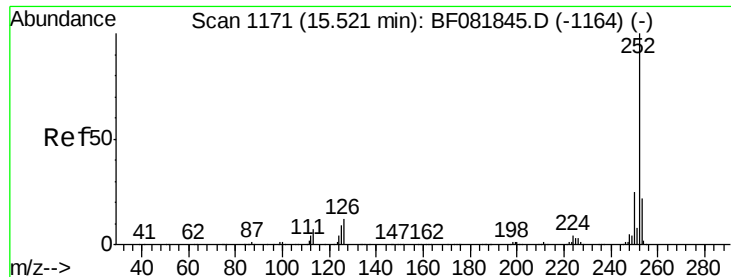
Delta R.T. -0.05 min

Lab File: BF081911.D

Acq: 30 Sep 2015 19:47

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 539600 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 22.3 | 17.0  | 25.4   |
| 125       | 10.9 | 16.0  | 24.0#  |





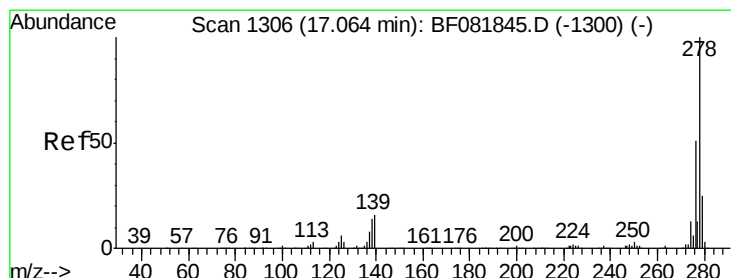
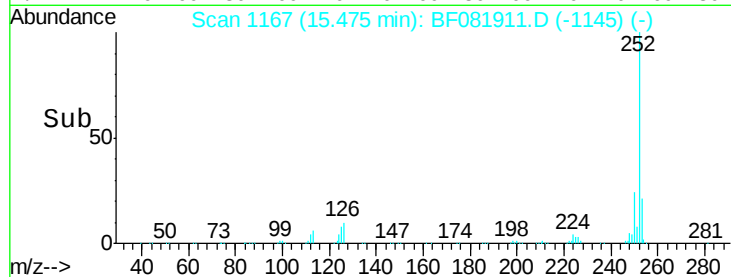
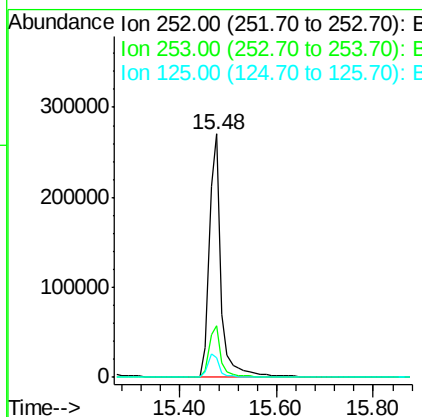
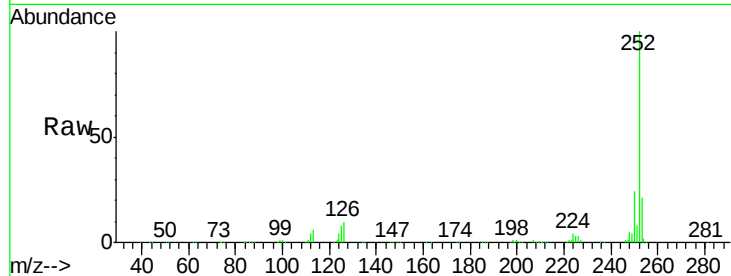
#89  
Benzo(a)pyrene  
Concen: 42.12 ng  
RT: 15.48 min Scan# 1167  
Delta R.T. -0.05 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 454580 |       |       |
| 253     | 21.4  | 17.2   | 25.8  |       |
| 125     | 7.9   | 18.0   | 27.0  |       |

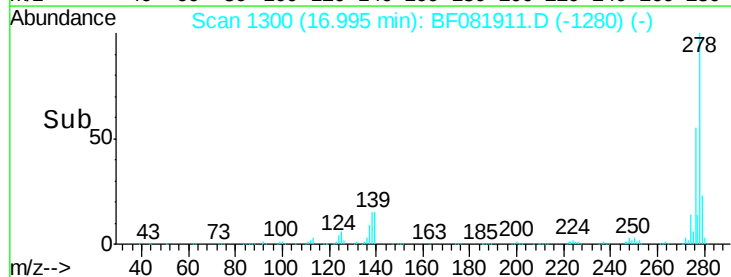
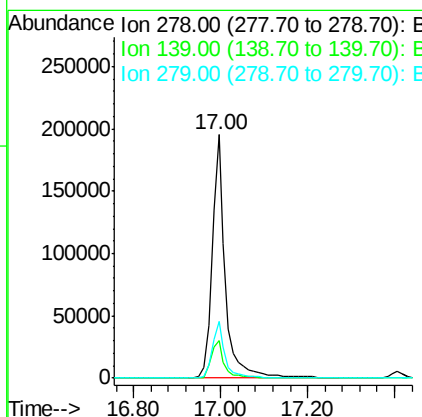
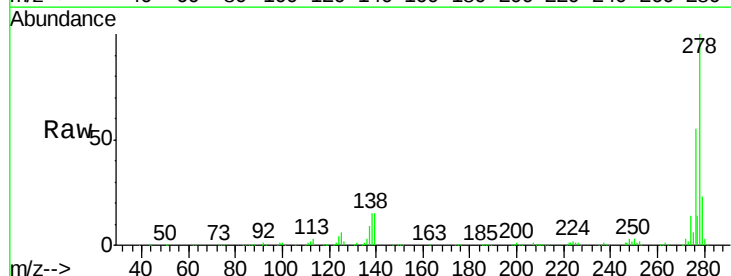
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#90  
Dibenzo(a,h)anthracene  
Concen: 46.28 ng  
RT: 17.00 min Scan# 1300  
Delta R.T. -0.07 min  
Lab File: BF081911.D  
Acq: 30 Sep 2015 19:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 278     | 100   | 419112 |       |       |
| 139     | 15.4  | 26.3   | 39.5  |       |
| 279     | 23.3  | 18.2   | 27.4  |       |





#91  
 Benzo(g,h,i)perylene  
 Concen: 45.47 ng  
 RT: 17.41 min Scan# 1336  
 Delta R.T. -0.08 min  
 Lab File: BF081911.D  
 Acq: 30 Sep 2015 19:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 17.8  | 26.6  |
| 138     | 21.3  | 34.6  | 51.8# |

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