

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\  
 Data File : BF077681.D  
 Acq On : 11 Mar 2015 11:10  
 Operator : TP/IZ  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

Manual Integrations  
 APPROVED

mohammad  
 3/13/2015 9:39:35 AM

Quant Time: Mar 12 02:16:18 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 12 01:42:28 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.17  | 152  | 45864    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.75  | 136  | 183118   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.91 | 164  | 96418    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 12.75 | 188  | 198285   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.03 | 240  | 202719   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 17.71 | 264  | 195247   | 20.00 | ng    | -0.01    |

|                             |       |     |       |      |    |       |
|-----------------------------|-------|-----|-------|------|----|-------|
| System Monitoring Compounds |       |     |       |      |    |       |
| 5) 2-Fluorophenol           | 5.46  | 112 | 13742 | 5.17 | ng | 0.00  |
| 7) Phenol-d6                | 6.74  | 99  | 16433 | 4.78 | ng | 0.00  |
| 23) Nitrobenzene-d5         | 7.86  | 82  | 14217 | 5.38 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol    | 11.89 | 330 | 4233  | 5.08 | ng | 0.00  |
| 44) 2-Fluorobiphenyl        | 10.09 | 172 | 37458 | 5.92 | ng | 0.00  |
| 78) Terphenyl-d14           | 14.74 | 244 | 45164 | 5.11 | ng | -0.01 |

|                                |       |     |       |      |    |        |
|--------------------------------|-------|-----|-------|------|----|--------|
| Target Compounds               |       |     |       |      |    | Qvalue |
| 2) 1,4-Dioxane                 | 2.08  | 88  | 3205  | 2.72 | ng | # 100  |
| 3) Pyridine                    | 2.88  | 79  | 7050  | 2.30 | ng | # 91   |
| 6) Aniline                     | 6.75  | 93  | 11346 | 2.33 | ng | # 38   |
| 8) 2-Chlorophenol              | 6.90  | 128 | 8645  | 2.78 | ng | 92     |
| 10) Phenol                     | 6.75  | 94  | 10349 | 2.59 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.85  | 93  | 7121  | 2.37 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 7.09  | 146 | 9574  | 2.73 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.20  | 146 | 9829  | 2.72 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 7.38  | 146 | 9062  | 2.62 | ng | 94     |
| 15) Benzyl Alcohol             | 7.36  | 79  | 6601  | 2.52 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.54  | 45  | 9839  | 2.21 | ng | 96     |
| 17) 2-Methylphenol             | 7.50  | 107 | 6421  | 2.57 | ng | 92     |
| 18) Hexachloroethane           | 7.79  | 117 | 3077  | 2.62 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.69  | 70  | 5876  | 2.48 | ng | # 95   |
| 20) 3+4-Methylphenols          | 7.70  | 107 | 8752  | 2.71 | ng | 94     |
| 22) Acetophenone               | 7.68  | 105 | 11102 | 2.62 | ng | # 99   |
| 24) Nitrobenzene               | 7.88  | 77  | 8156  | 2.88 | ng | 97     |
| 25) Isophorone                 | 8.18  | 82  | 14936 | 2.54 | ng | 94     |
| 26) 2-Nitrophenol              | 8.28  | 139 | 3143  | 3.66 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 8.35  | 122 | 7025  | 2.60 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 8.46  | 93  | 9529  | 2.56 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 8.58  | 162 | 6856  | 2.92 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.68  | 180 | 8087  | 2.76 | ng | 98     |
| 31) Naphthalene                | 8.77  | 128 | 26418 | 2.88 | ng | 100    |
| 33) 4-Chloroaniline            | 8.85  | 127 | 9842  | 2.52 | ng | 97     |
| 34) Hexachlorobutadiene        | 8.93  | 225 | 4482  | 2.79 | ng | 99     |
| 35) Caprolactam                | 9.24  | 113 | 1756  | 2.45 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 9.45  | 107 | 6992  | 2.74 | ng | # 75   |
| 37) 2-Methylnaphthalene        | 9.63  | 142 | 18012 | 2.75 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.84  | 216 | 7908  | 2.84 | ng | # 100  |
| 42) 2,4,6-Trichlorophenol      | 9.98  | 196 | 4593  | 2.87 | ng | 95     |
| 43) 2,4,5-Trichlorophenol      | 10.03 | 196 | 5379  | 3.14 | ng | 95     |
| 45) 1,1'-Biphenyl              | 10.21 | 154 | 20211 | 2.63 | ng | 97     |
| 46) 2-Chloronaphthalene        | 10.23 | 162 | 16367 | 2.84 | ng | # 92   |

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Quant Time: Mar 12 02:16:18 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 12 01:42:28 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 47) 2-Nitroaniline             | 10.36 | 65   | 3729     | 3.22 | nq    | 99       |
| 48) Acenaphthylene             | 10.74 | 152  | 29925    | 3.16 | nq    | 97       |
| 49) Dimethylphthalate          | 10.60 | 163  | 19065    | 2.86 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.67 | 165  | 3289     | 2.91 | nq    | 92       |
| 51) Acenaphthene               | 10.96 | 154  | 16911    | 2.99 | nq    | 96       |
| 52) 3-Nitroaniline             | 10.87 | 138  | 4268     | 3.15 | nq #  | 85       |
| 54) Dibenzofuran               | 11.17 | 168  | 24476    | 2.88 | nq    | 97       |
| 55) 4-Nitrophenol              | 11.09 | 139  | 2552     | 2.73 | nq #  | 84       |
| 56) 2,4-Dinitrotoluene         | 11.16 | 165  | 4316     | 3.20 | nq #  | 98       |
| 57) Fluorene                   | 11.60 | 166  | 19771    | 2.94 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.32 | 232  | 3916     | 3.06 | nq #  | 100      |
| 59) Diethylphthalate           | 11.47 | 149  | 19256    | 2.81 | nq    | 95       |
| 60) 4-Chlorophenyl-phenylether | 11.61 | 204  | 9420     | 2.93 | nq    | 95       |
| 61) 4-Nitroaniline             | 11.62 | 138  | 3772     | 2.87 | nq    | 84       |
| 62) Azobenzene                 | 11.80 | 77   | 16974    | 2.52 | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 11.67 | 198  | 877      | 2.13 | nq #  | 78       |
| 65) n-Nitrosodiphenylamine     | 11.75 | 169  | 17125    | 2.66 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 12.21 | 248  | 5026     | 2.30 | nq    | 91       |
| 67) Hexachlorobenzene          | 12.27 | 284  | 6119     | 2.48 | nq #  | 87       |
| 68) Atrazine                   | 12.42 | 200  | 4165     | 2.15 | nq    | 91       |
| 70) Phenanthrene               | 12.79 | 178  | 30919    | 2.70 | nq    | 98       |
| 71) Anthracene                 | 12.84 | 178  | 30243    | 2.67 | nq    | 99       |
| 72) Carbazole                  | 13.05 | 167  | 28540    | 2.86 | nq    | 97       |
| 73) Di-n-butylphthalate        | 13.51 | 149  | 29747    | 2.44 | nq    | 99       |
| 74) Fluoranthene               | 14.25 | 202  | 31729    | 2.69 | nq    | 91       |
| 76) Benzidine                  | 14.43 | 184  | 22759    | 3.78 | nq #  | 94       |
| 77) Pyrene                     | 14.53 | 202  | 33273    | 2.64 | nq    | 98       |
| 79) Butylbenzylphthalate       | 15.37 | 149  | 12215    | 2.70 | nq    | 96       |
| 80) Benzo(a)anthracene         | 16.02 | 228  | 34173    | 2.91 | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 16.00 | 252  | 10448    | 2.73 | nq    | 100      |
| 82) Chrysene                   | 16.05 | 228  | 28909    | 2.61 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 16.08 | 149  | 19487    | 2.55 | nq #  | 95       |
| 84) Di-n-octyl phthalate       | 16.85 | 149  | 33365    | 2.80 | nq #  | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 19.08 | 276  | 34578    | 2.73 | nq #  | 100      |
| 87) Benzo(b)fluoranthene       | 17.28 | 252  | 35859    | 2.85 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 17.31 | 252  | 25303m   | 2.51 | nq    |          |
| 89) Benzo(a)pyrene             | 17.64 | 252  | 28713    | 2.66 | nq #  | 96       |
| 90) Dibenzo(a,h)anthracene     | 19.12 | 278  | 28035    | 2.57 | nq    | 95       |
| 91) Benzo(g,h,i)perylene       | 19.49 | 276  | 28164    | 2.57 | nq    | 97       |

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

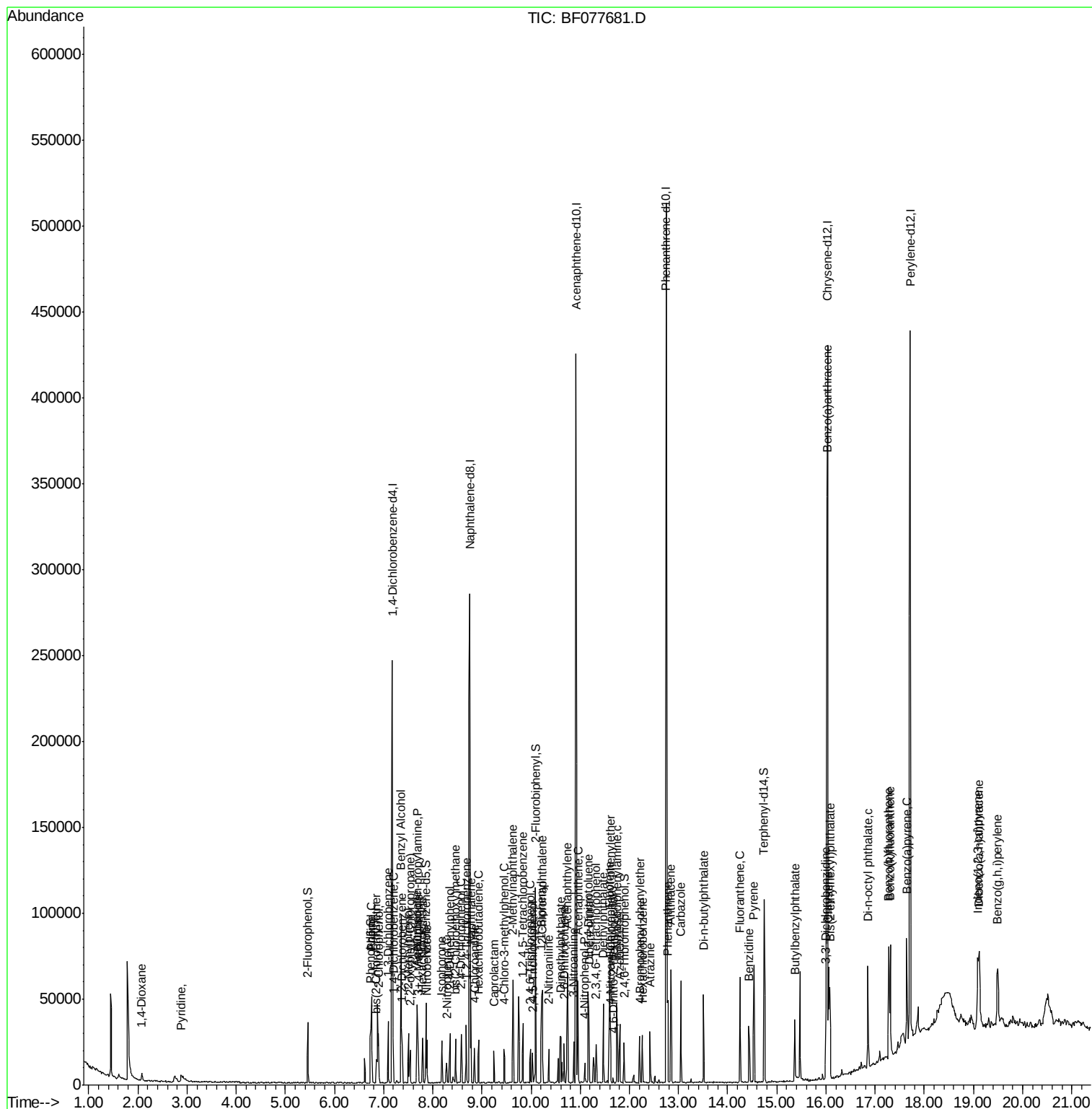
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\  
Data File : BF077681.D  
Acq On    : 11 Mar 2015  11:10  
Operator  : TP/IZ  
Sample    : SSTDICC2.5  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

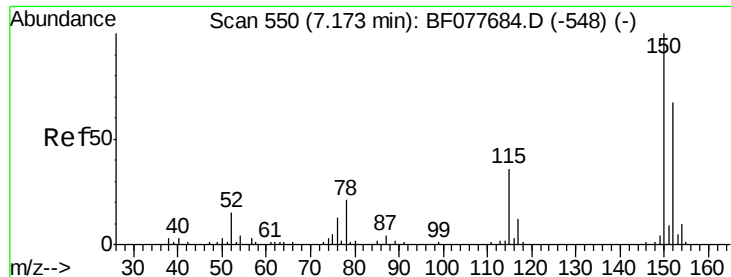
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC2.5

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Mar 12 01:42:28 2015  
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#1

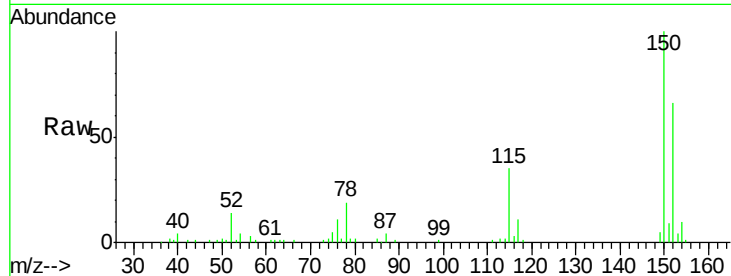
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.17 min Scan# 550  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

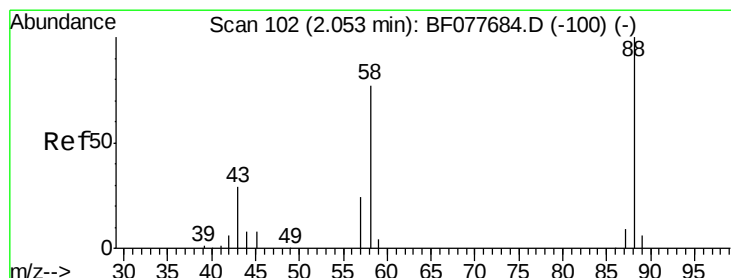
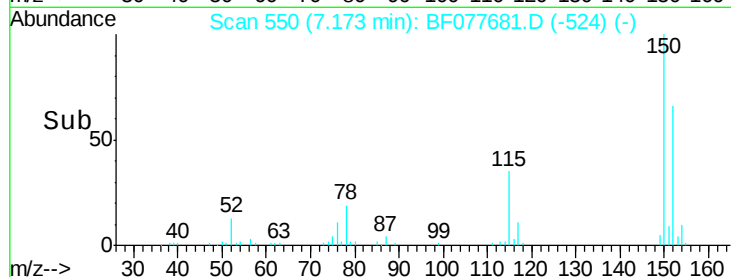
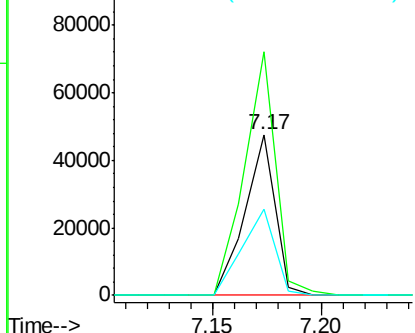
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 151.7 | 119.5 | 179.3 |
| 115     | 53.7  | 43.0  | 64.4  |

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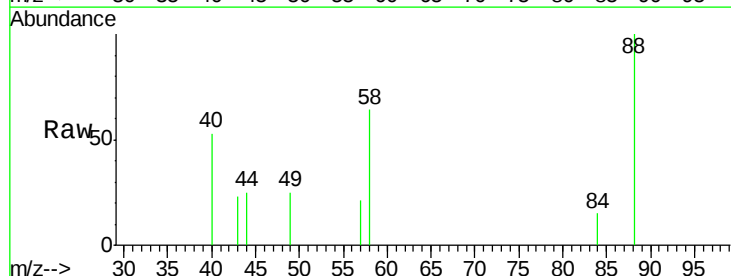
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



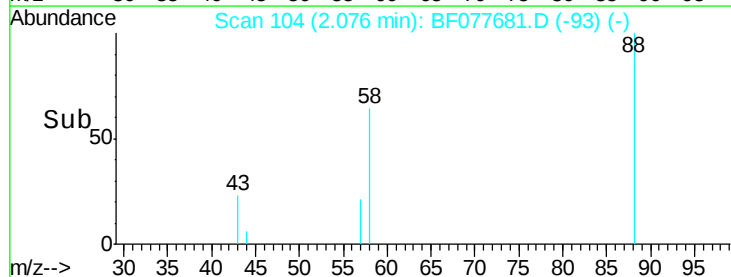
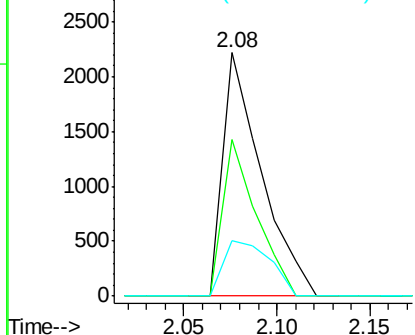
#2

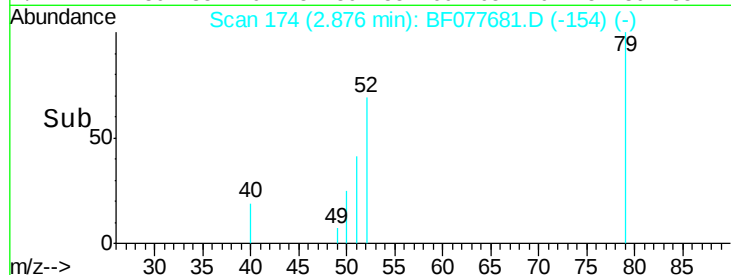
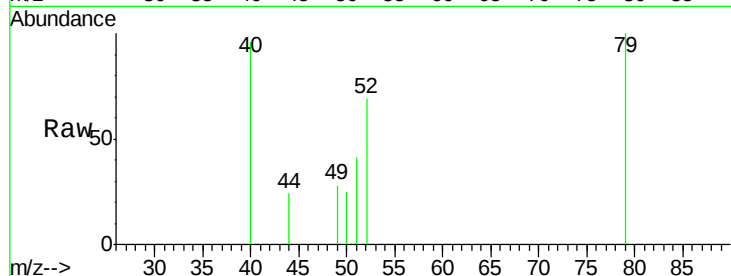
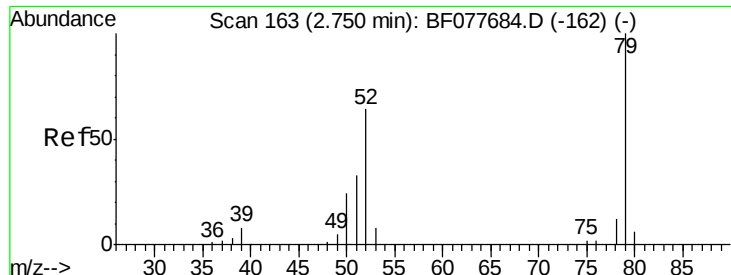
1,4-Dioxane  
Concen: 2.72 ng  
RT: 2.08 min Scan# 104  
Delta R.T. 0.02 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 56.2  | 0.0   | 0.0#  |
| 43      | 27.1  | 0.0   | 0.0#  |



Abundance Ion 88.00 (87.70 to 88.70): BF0  
Ion 58.00 (57.70 to 58.70): BF0  
Ion 43.00 (42.70 to 43.70): BF0





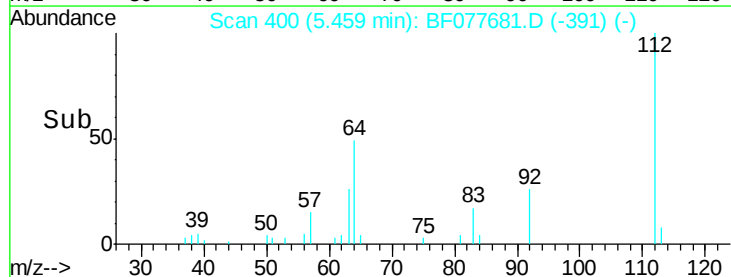
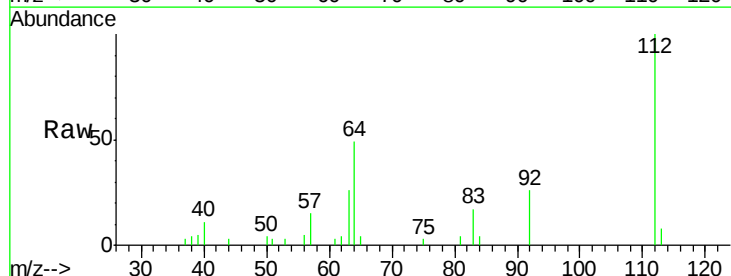
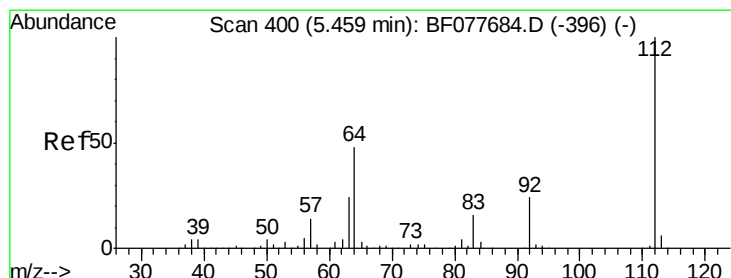
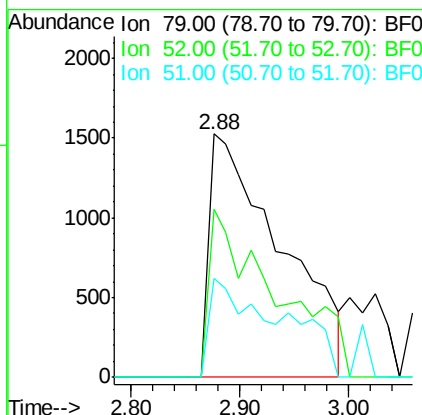
#3  
Pvridine  
Concen: 2.30 ng  
RT: 2.88 min Scan# 174  
Delta R.T. 0.13 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 69.2  | 51.1  | 76.7  |
| 51      | 40.7  | 26.1  | 39.1  |

Instrument :  
BNA\_F  
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SSTDICC2.5

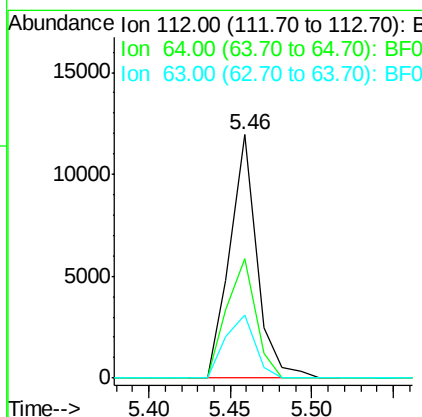
Manual Integrations  
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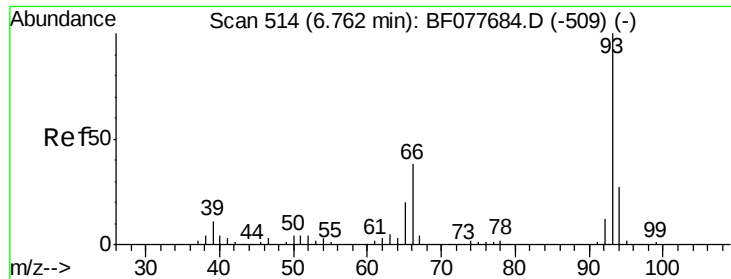
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3/13/2015 9:39:35 AM



#5  
2-Fluorophenol  
Concen: 5.17 ng  
RT: 5.46 min Scan# 400  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 49.2  | 38.6  | 57.8  |
| 63      | 26.1  | 19.3  | 28.9  |





#6

Aniline

Concen: 2.33 ng

RT: 6.75 min Scan# 513

Delta R.T. -0.01 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

Instrument :

BNA\_F

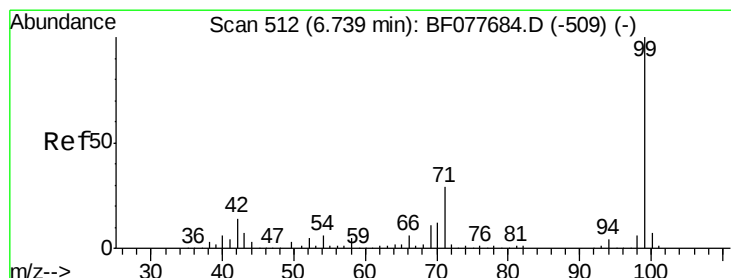
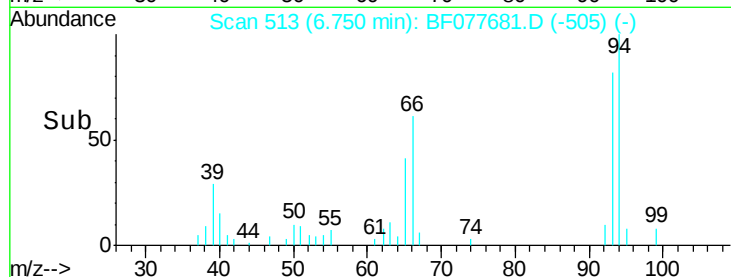
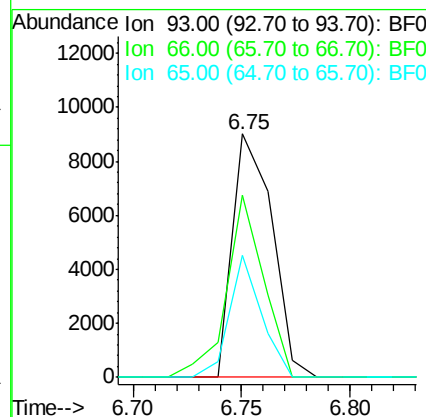
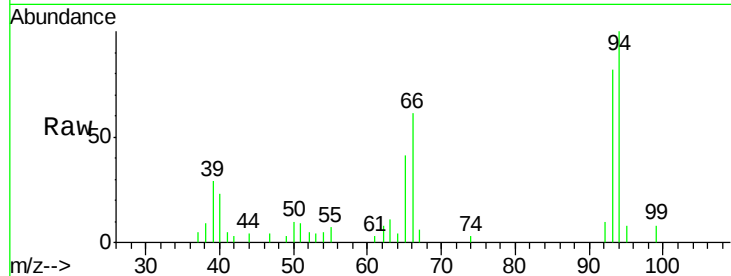
ClientSampleId :

SSTDICC2.5

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 93    | Resp: | 11346 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 74.7  | 30.8  | 46.2# |
| 65        | 50.2  | 16.0  | 24.0# |

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#7

Phenol-d6

Concen: 4.78 ng

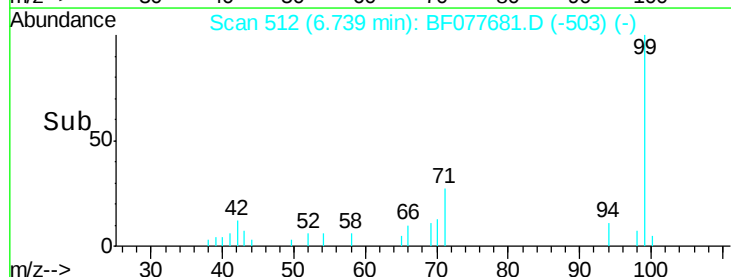
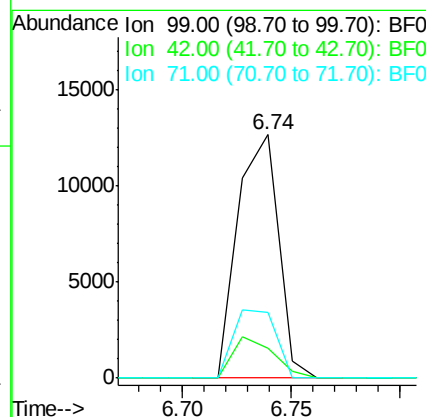
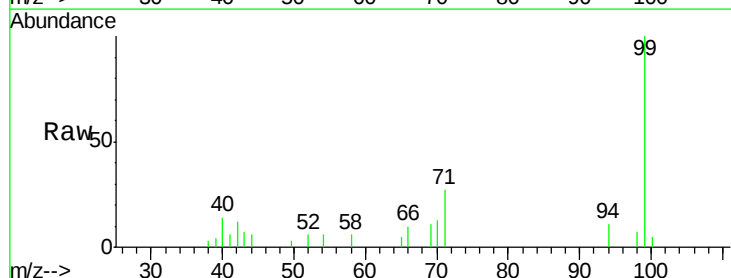
RT: 6.74 min Scan# 512

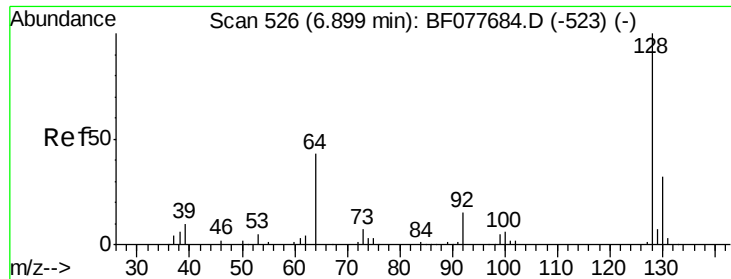
Delta R.T. 0.00 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 99    | Resp: | 16433 |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 12.2  | 11.0  | 16.4  |
| 71        | 26.7  | 23.4  | 35.2  |





#8

2-Chlorophenol

Concen: 2.78 ng

RT: 6.90 min Scan# 526

Delta R.T. 0.00 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

Instrument :

BNA\_F

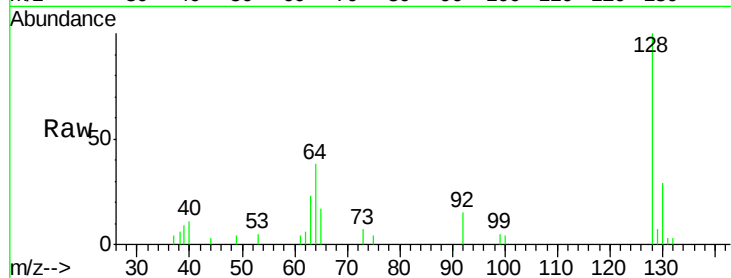
ClientSampleId :

SSTDICC2.5

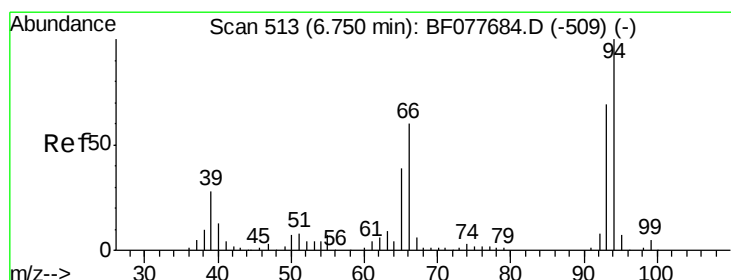
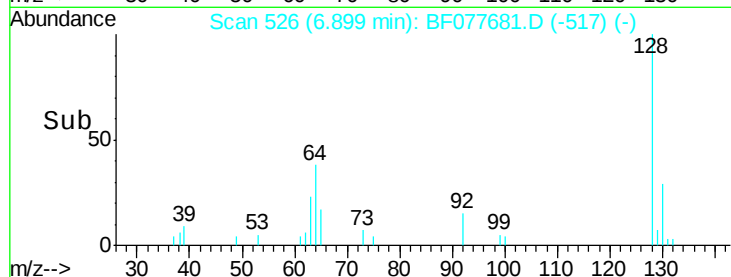
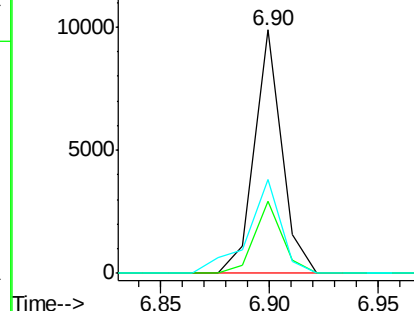
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 128   | Resp: | 8645 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 130       | 29.5  | 12.0  | 52.0 |
| 64        | 38.3  | 24.9  | 64.9 |

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Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BF0



#10

Phenol

Concen: 2.59 ng

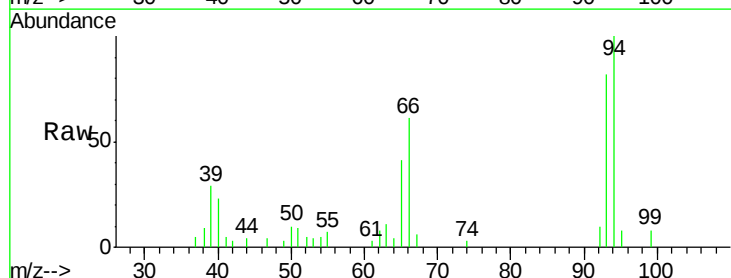
RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

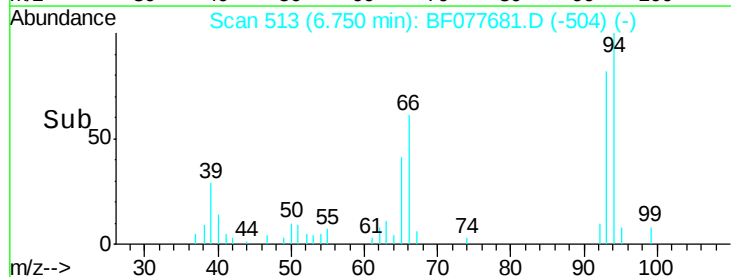
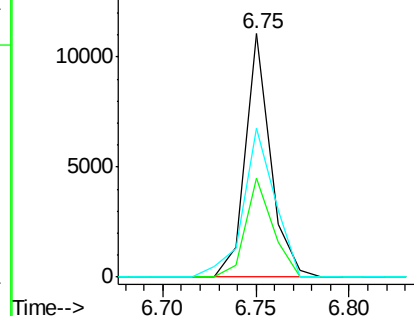
Lab File: BF077681.D

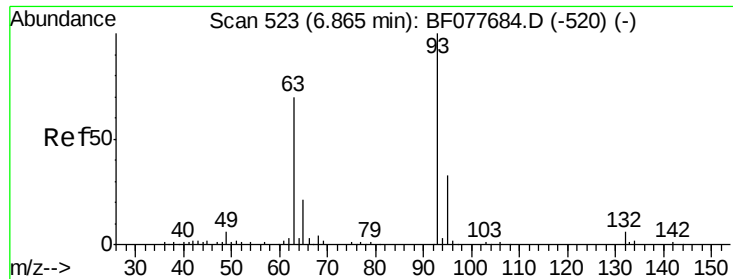
Acq: 11 Mar 2015 11:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 94    | Resp: | 10349 |
| Ion Ratio | Lower | Upper |       |
| 94        | 100   |       |       |
| 65        | 40.9  | 18.8  | 58.8  |
| 66        | 60.9  | 39.9  | 79.9  |



Abundance Ion 94.00 (93.70 to 94.70): BF0  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 2.37 ng

RT: 6.85 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

Instrument :

BNA\_F

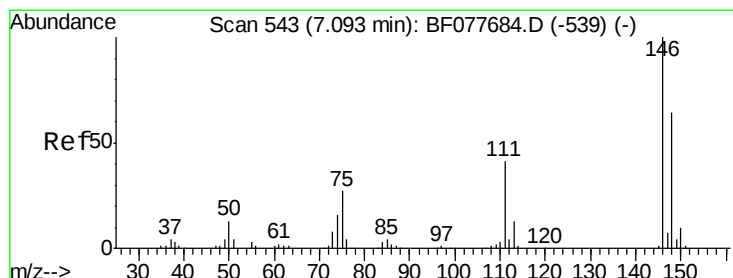
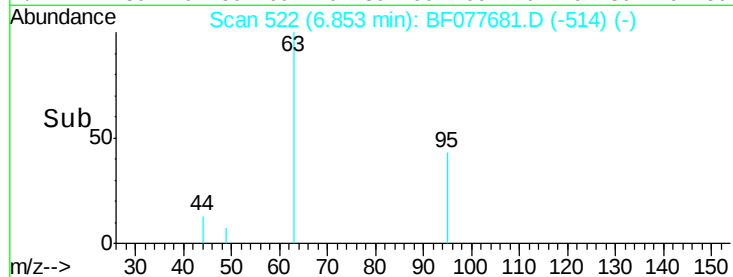
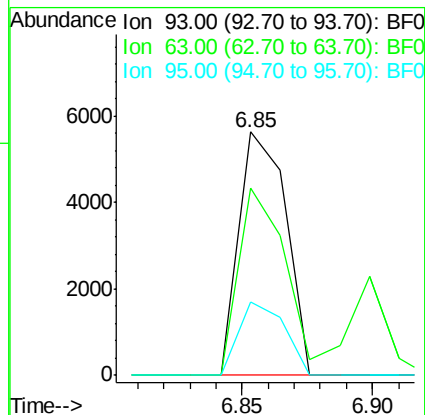
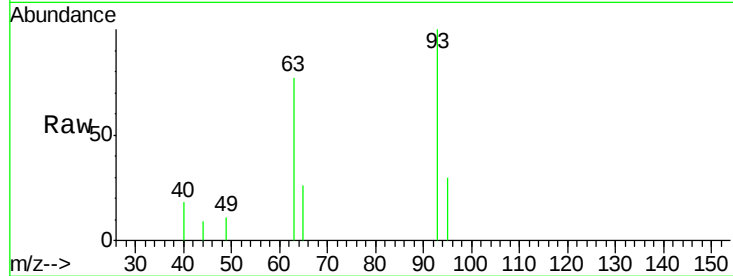
ClientSampleId :

SSTDICC2.5

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 93    | Resp: | 7121  |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 77.1  | 49.5  | 89.5  |
| 95       | 30.3  | 13.5  | 53.5  |

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#12

1,3-Dichlorobenzene

Concen: 2.73 ng

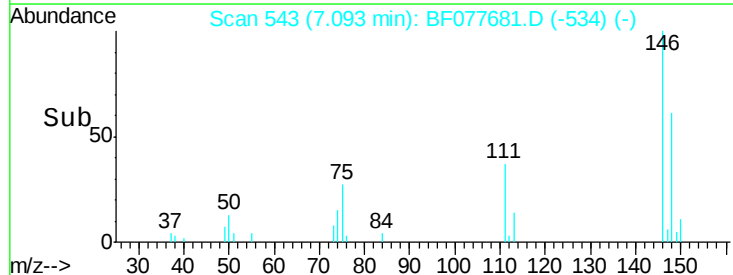
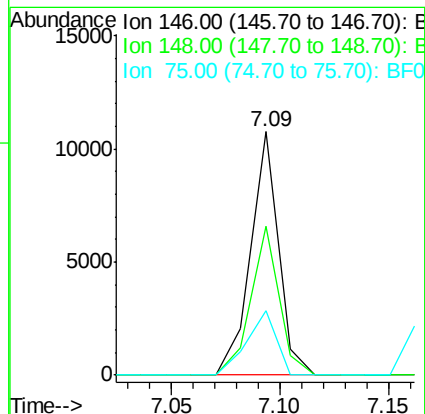
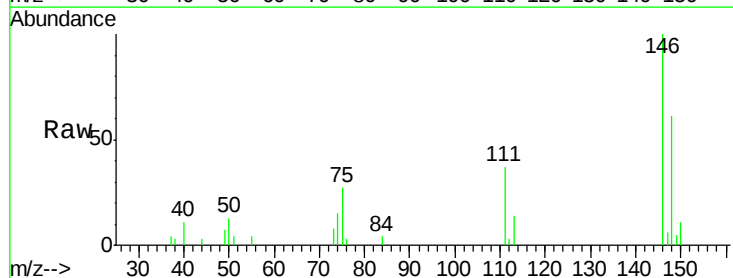
RT: 7.09 min Scan# 543

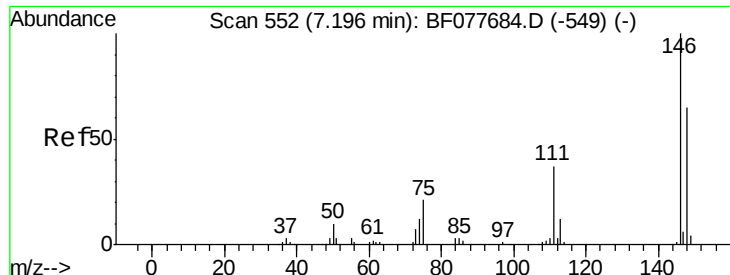
Delta R.T. 0.00 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 9574  |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 61.3  | 50.9  | 76.3  |
| 75       | 26.6  | 21.4  | 32.2  |





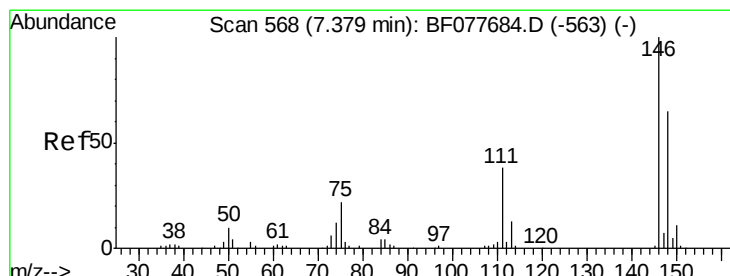
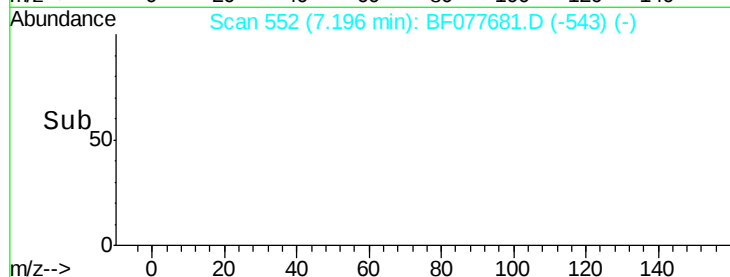
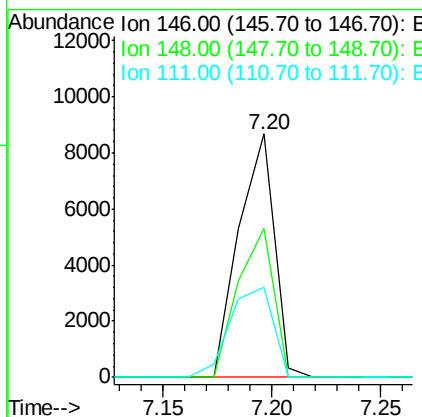
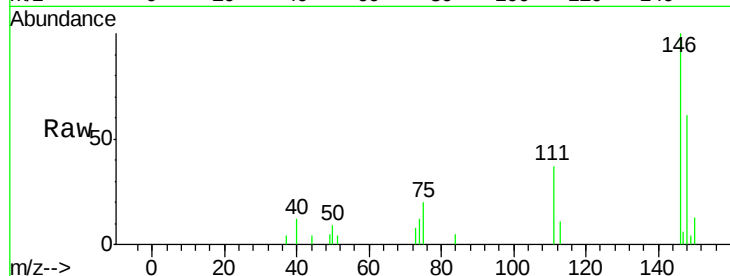
#13  
 1,4-Dichlorobenzene  
 Concen: 2.72 ng  
 RT: 7.20 min Scan# 552  
 Delta R.T. 0.00 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.4  | 51.9  | 77.9  |
| 111     | 36.9  | 29.2  | 43.8  |

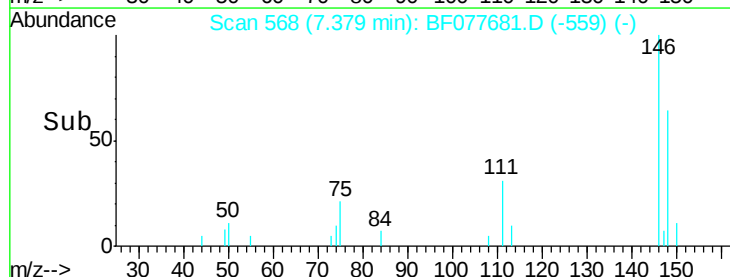
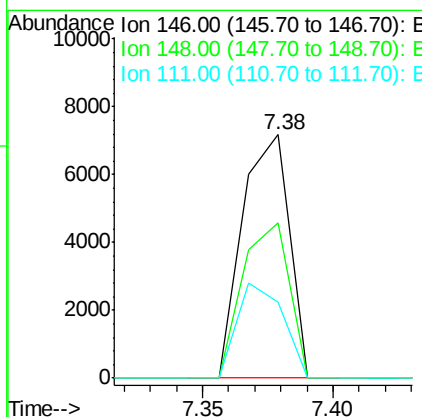
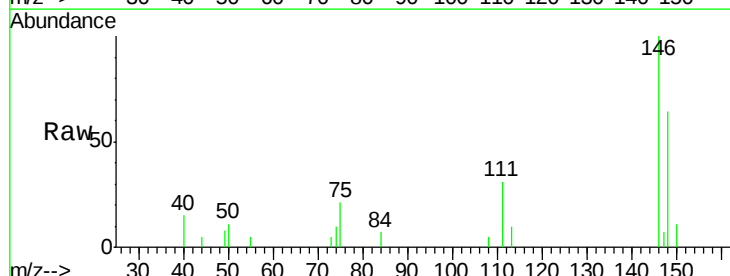
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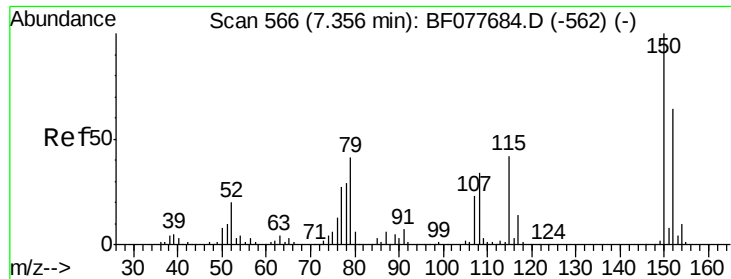
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#14  
 1,2-Dichlorobenzene  
 Concen: 2.62 ng  
 RT: 7.38 min Scan# 568  
 Delta R.T. 0.00 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.9  | 52.3  | 78.5  |
| 111     | 31.1  | 30.6  | 45.8  |





#15

Benzyl Alcohol

Concen: 2.52 ng

RT: 7.36 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

Instrument :

BNA\_F

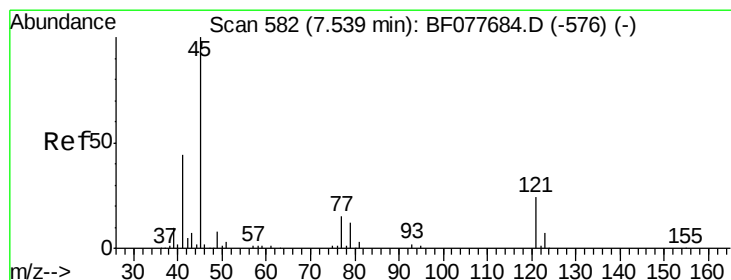
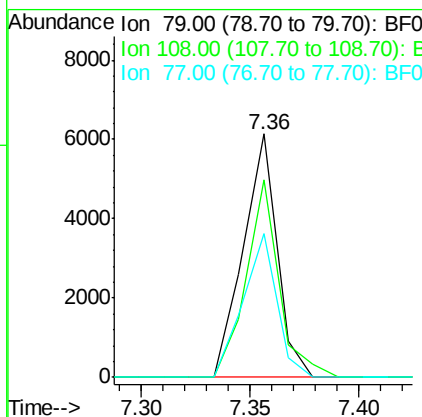
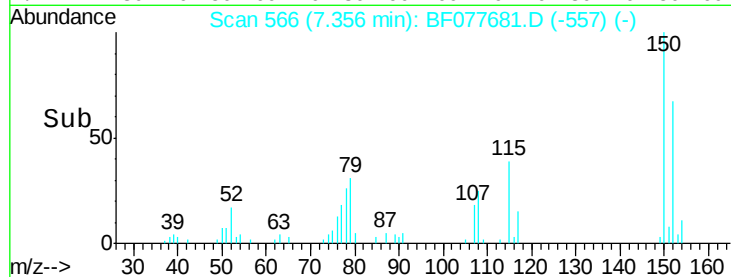
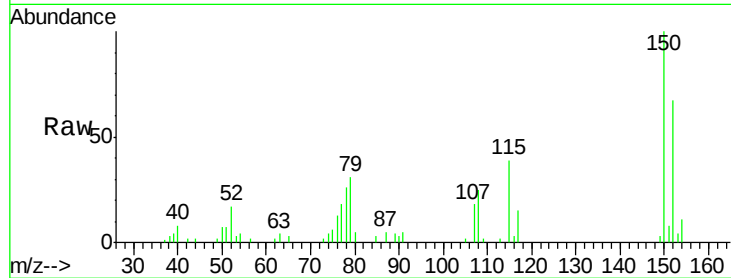
ClientSampleId :

SSTDICC2.5

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 6601  |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 81.0  | 65.0  | 97.4  |
| 77       | 58.9  | 53.0  | 79.6  |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 2.21 ng

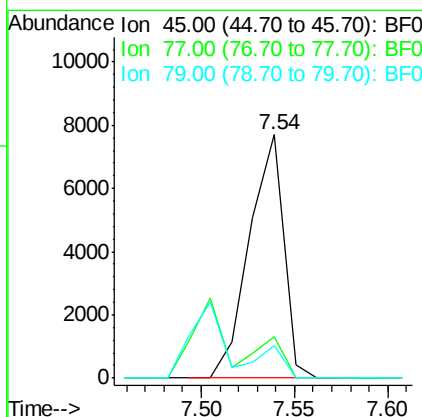
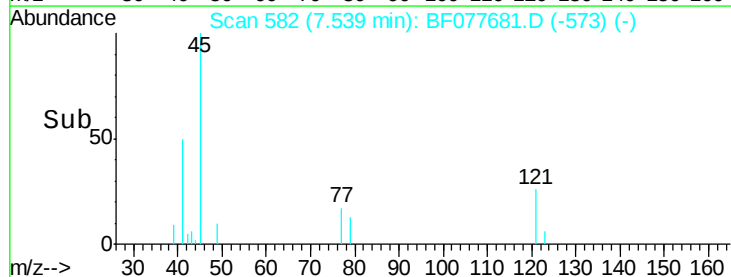
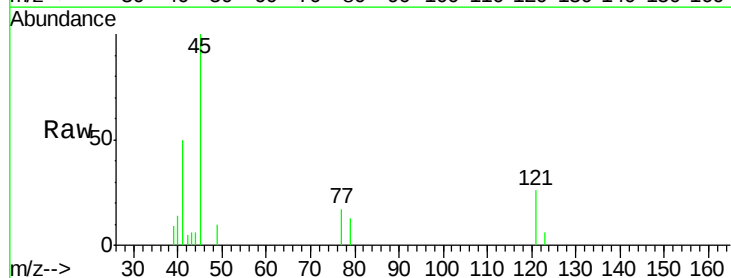
RT: 7.54 min Scan# 582

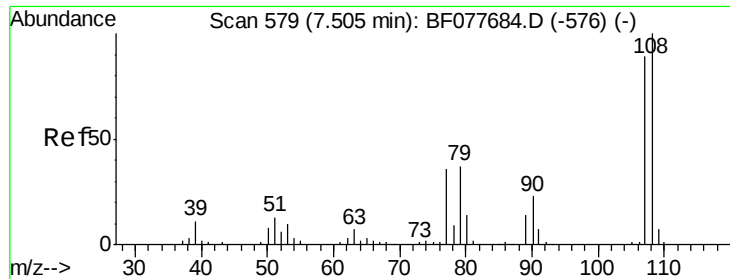
Delta R.T. 0.00 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 9839  |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 77       | 17.1  | 0.0   | 35.2  |
| 79       | 13.4  | 0.0   | 32.0  |





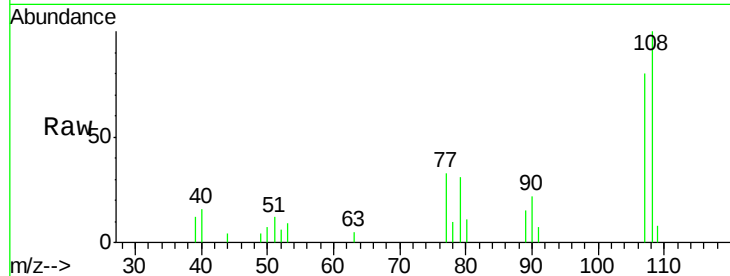
#17  
2-Methylphenol  
Concen: 2.57 ng  
RT: 7.50 min Scan# 579  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

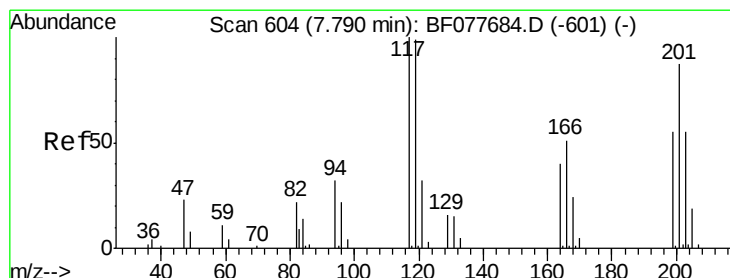
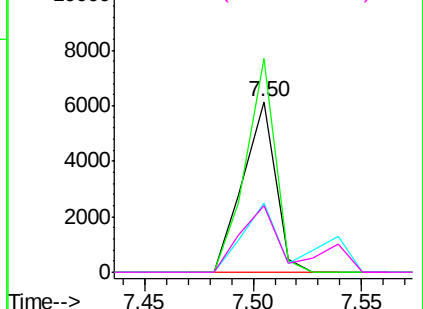
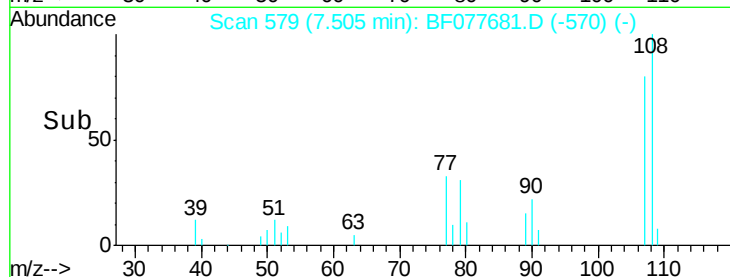
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 6421  |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 125.4 | 89.8  | 134.8 |
| 77       | 40.8  | 32.6  | 48.8  |
| 79       | 39.2  | 32.8  | 49.2  |

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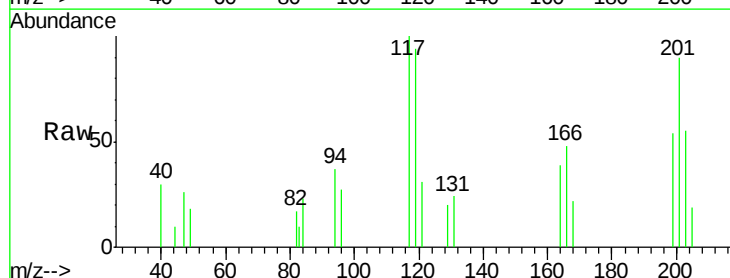


Abundance Ion 107.00 (106.70 to 107.70): E  
12000  
Ion 108.00 (107.70 to 108.70): E  
10000  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

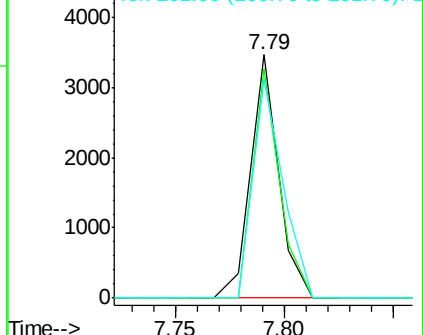
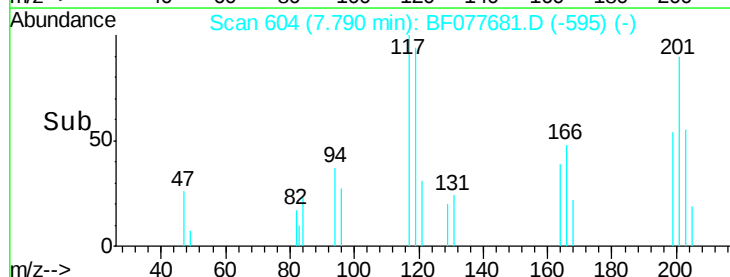


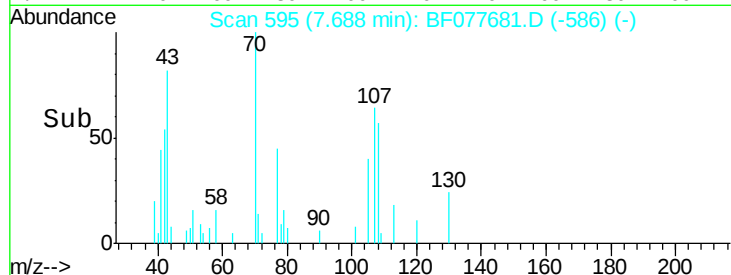
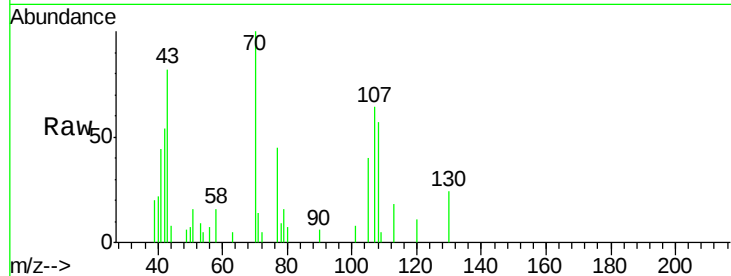
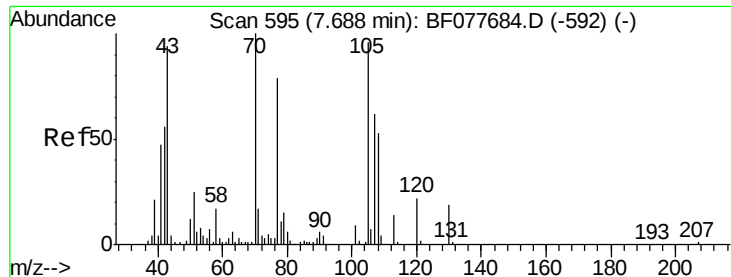
#18  
Hexachloroethane  
Concen: 2.62 ng  
RT: 7.79 min Scan# 604  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 3077  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.4  | 79.2  | 118.8 |
| 201      | 90.2  | 69.8  | 104.6 |



Abundance Ion 117.00 (116.70 to 117.70): E  
4000  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





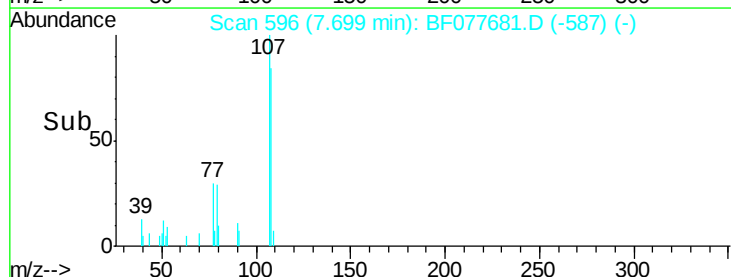
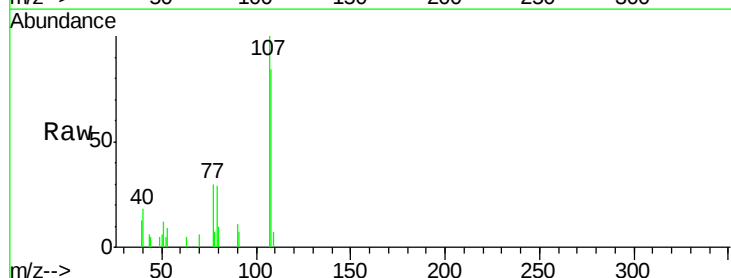
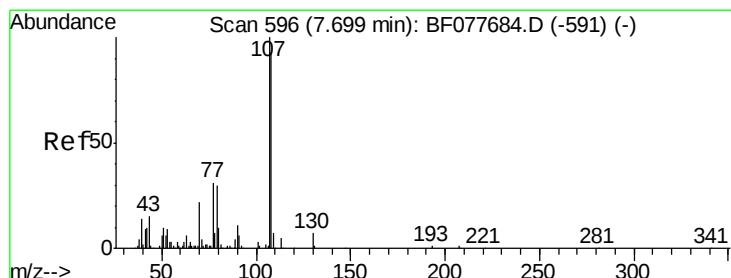
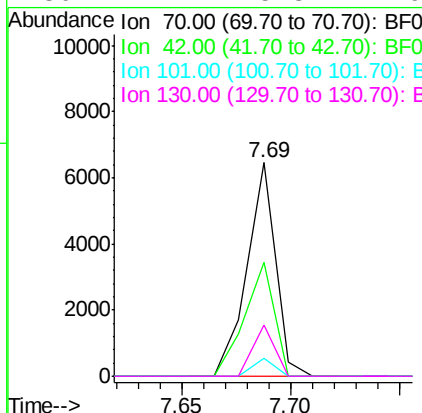
#19  
n-Nitroso-di-n-propylamine  
Concen: 2.48 ng  
RT: 7.69 min Scan# 595  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 53.6 | 44.5  | 66.7  |       |
| 101     | 8.2  | 7.4   | 11.2  |       |
| 130     | 24.1 | 15.3  | 22.9  |       |

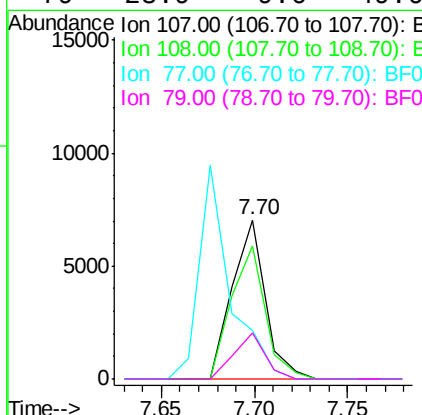
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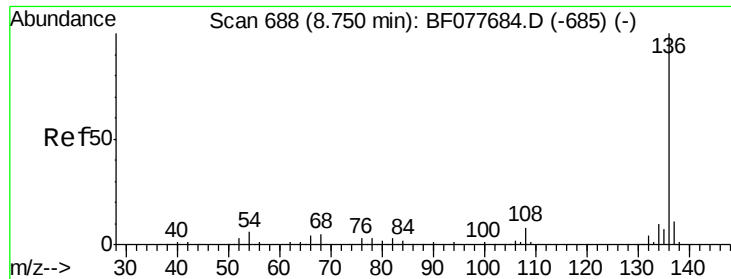
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#20  
3+4-Methylphenols  
Concen: 2.71 ng  
RT: 7.70 min Scan# 596  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 84.1 | 73.2  | 113.2 |       |
| 77      | 30.4 | 10.7  | 50.7  |       |
| 79      | 28.9 | 9.6   | 49.6  |       |





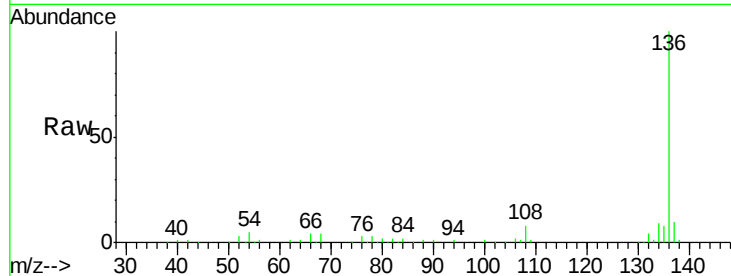
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.75 min Scan# 688  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

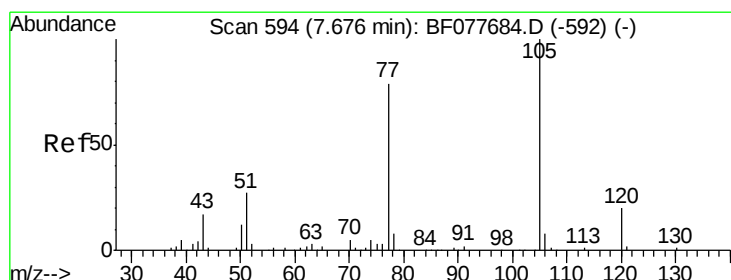
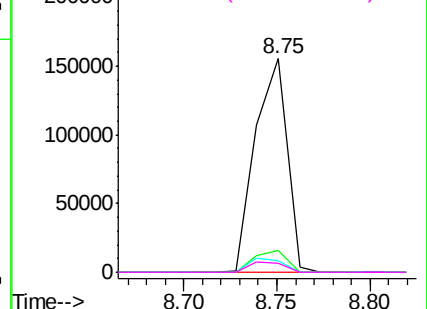
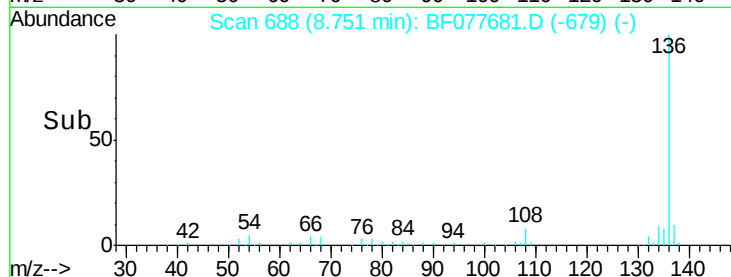
| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 183118 |       |       |
| 137     | 10.0 |       | 8.7    | 13.1  |       |
| 54      | 5.2  |       | 4.6    | 6.8   |       |
| 68      | 4.3  |       | 3.7    | 5.5   |       |

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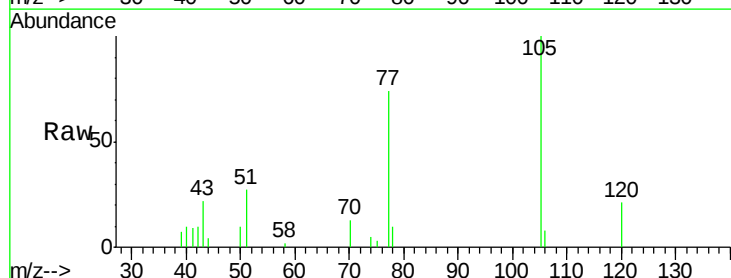


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

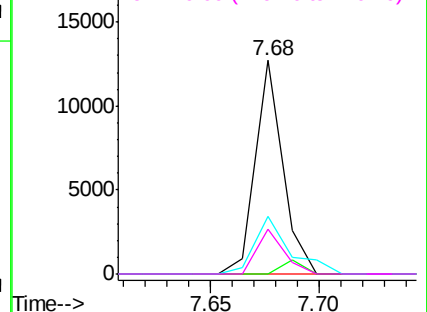
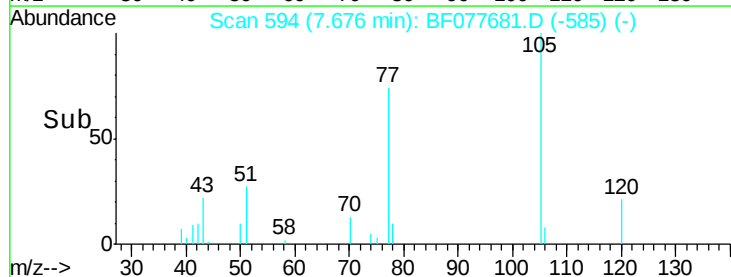


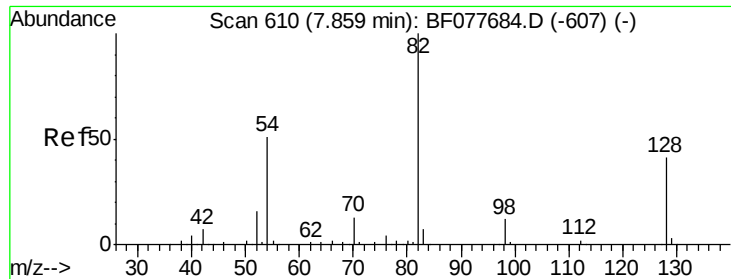
#22  
Acetophenone  
Concen: 2.62 ng  
RT: 7.68 min Scan# 594  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 105     | 100  |       | 11102 |       |       |
| 71      | 0.0  |       | 0.6   | 1.0#  |       |
| 51      | 26.7 |       | 21.6  | 32.4  |       |
| 120     | 20.9 |       | 16.1  | 24.1  |       |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF0  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 120.00 (119.70 to 120.70): E





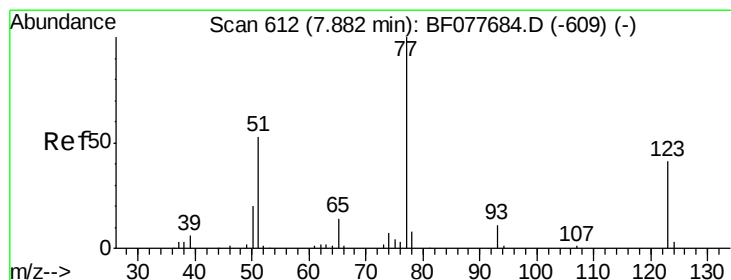
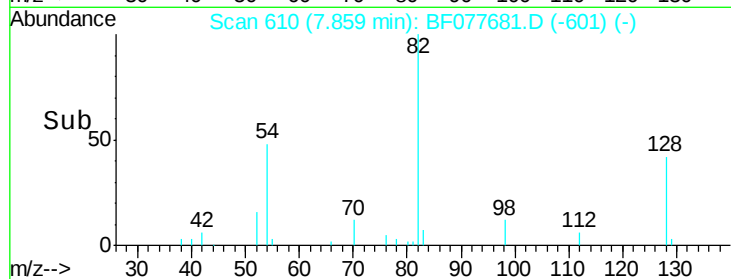
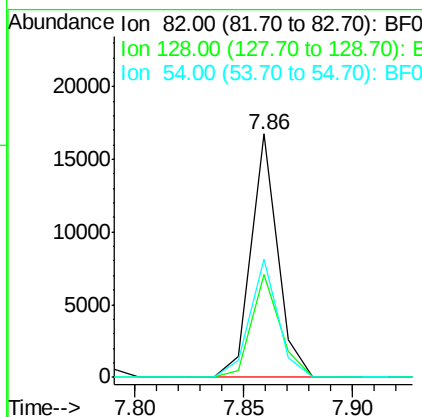
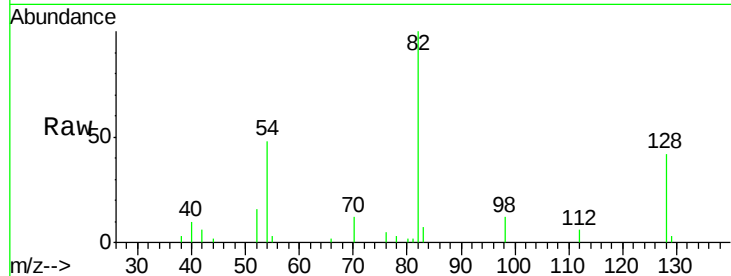
#23  
 Nitrobenzene-d5  
 Concen: 5.38 ng  
 RT: 7.86 min Scan# 610  
 Delta R.T. 0.00 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.2  | 32.8  | 49.2  |
| 54      | 48.3  | 40.6  | 60.8  |

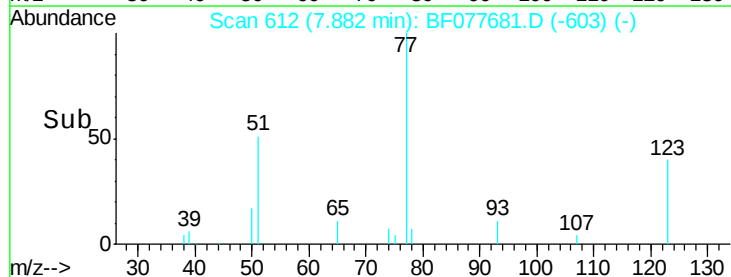
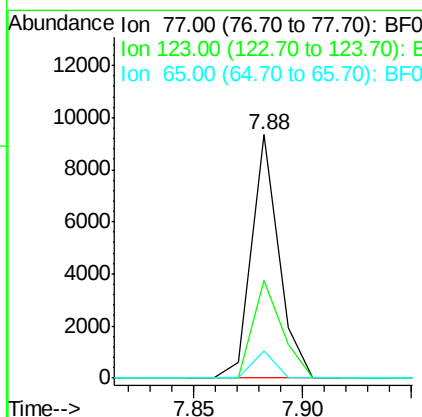
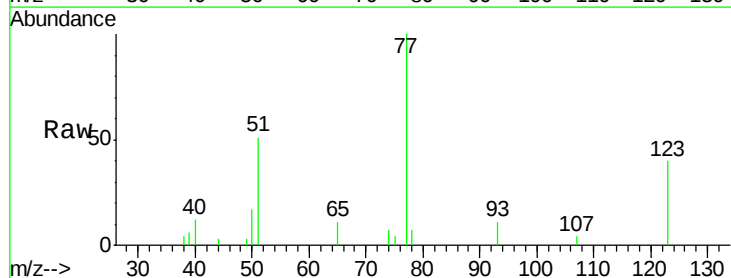
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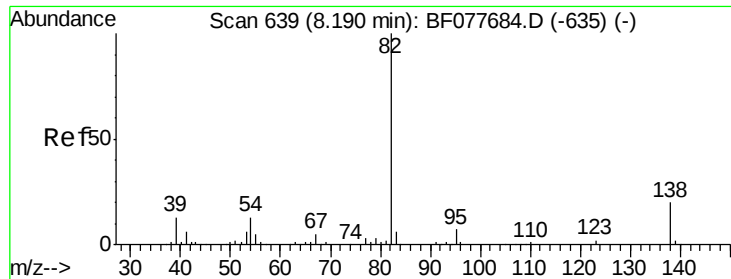
mohammad  
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#24  
 Nitrobenzene  
 Concen: 2.88 ng  
 RT: 7.88 min Scan# 612  
 Delta R.T. 0.00 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 39.9  | 32.6  | 49.0  |
| 65      | 11.3  | 10.9  | 16.3  |





#25

Isophorone

Concen: 2.54 ng

RT: 8.18 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

Instrument :

BNA\_F

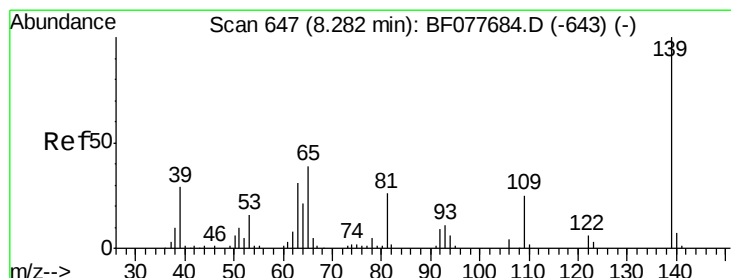
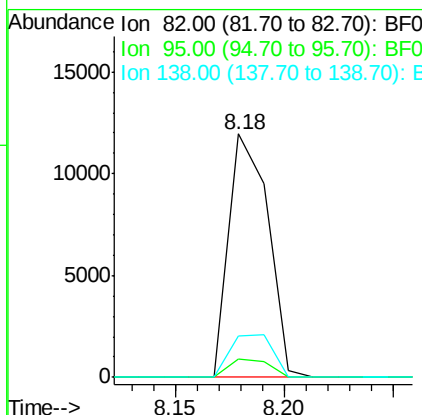
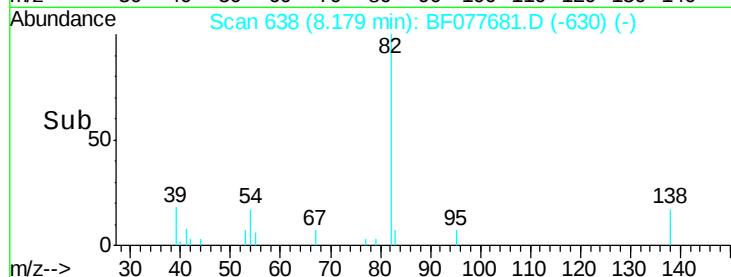
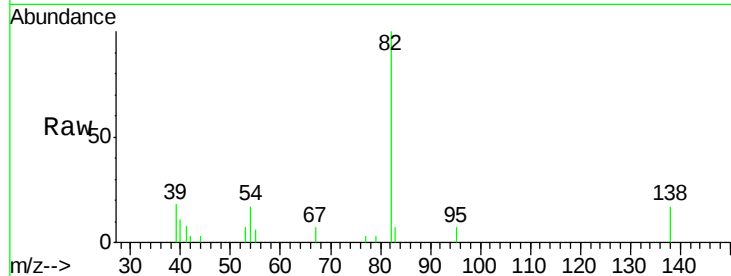
ClientSampleId :

SSTDICC2.5

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 82    | Resp: | 14936 |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 95        | 7.4   | 5.8   | 8.6   |
| 138       | 16.9  | 16.3  | 24.5  |

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#26

2-Nitrophenol

Concen: 3.66 ng

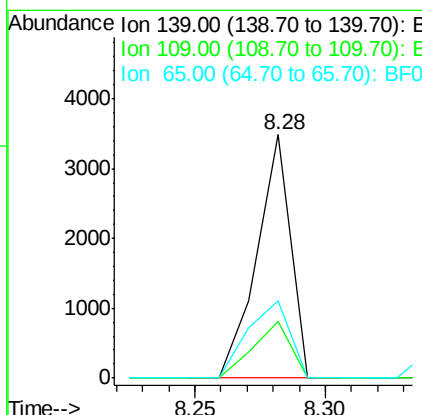
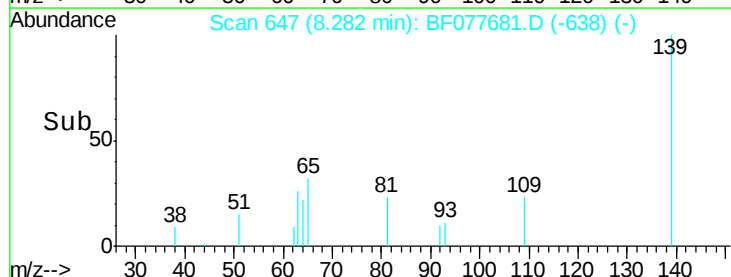
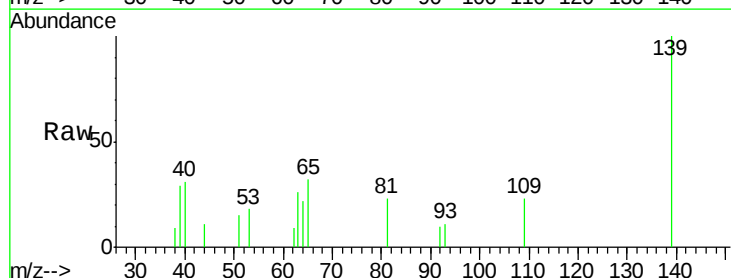
RT: 8.28 min Scan# 647

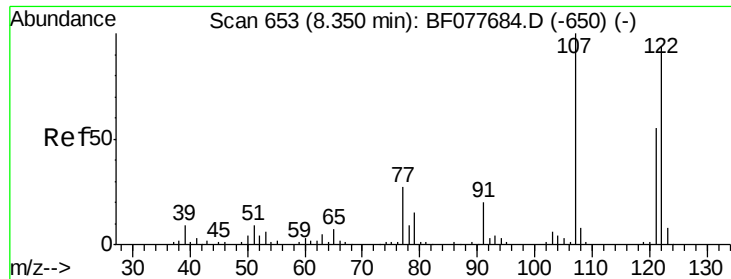
Delta R.T. 0.00 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 139   | Resp: | 3143 |
| Ion Ratio | Lower | Upper |      |
| 139       | 100   |       |      |
| 109       | 23.5  | 20.1  | 30.1 |
| 65        | 31.6  | 31.5  | 47.3 |





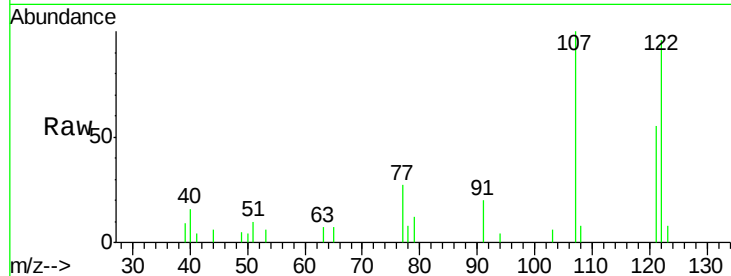
#27  
 2,4-Dimethylphenol  
 Concen: 2.60 ng  
 RT: 8.35 min Scan# 653  
 Delta R.T. 0.00 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

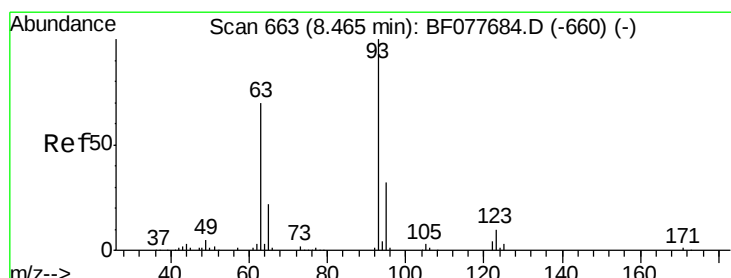
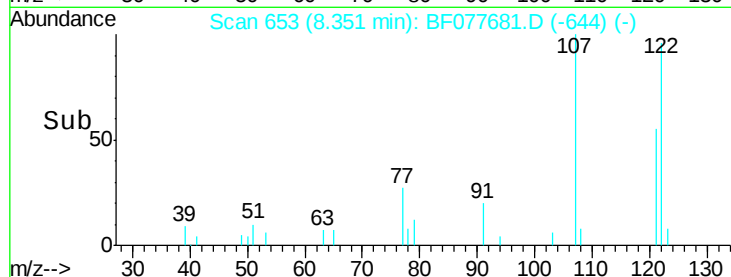
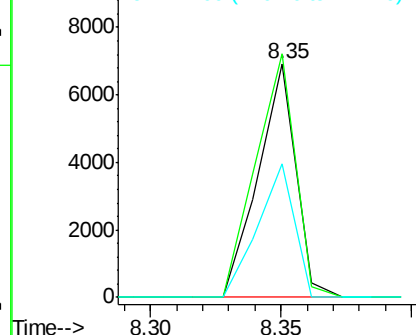
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 122     | 100   | 7025 |       |       |
| 107     | 104.1 |      | 84.7  | 127.1 |
| 121     | 57.3  |      | 46.6  | 69.8  |

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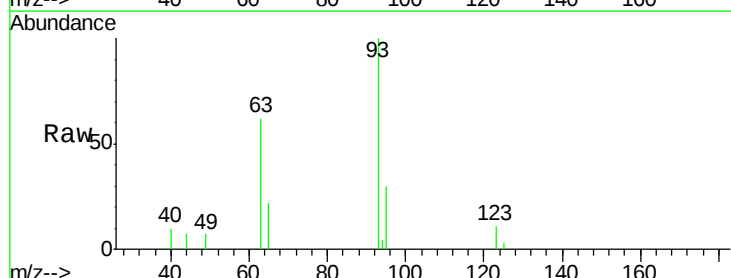


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

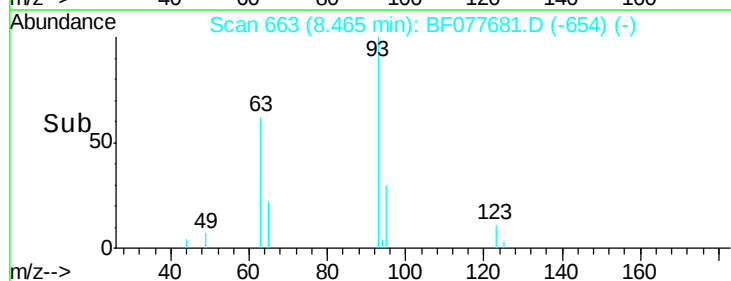
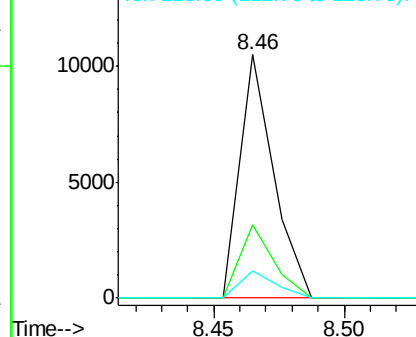


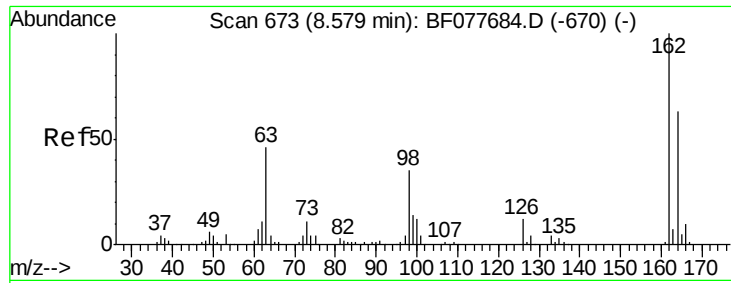
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 2.56 ng  
 RT: 8.46 min Scan# 663  
 Delta R.T. 0.00 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   | 9529 |       |       |
| 95      | 30.2  |      | 25.5  | 38.3  |
| 123     | 11.0  |      | 8.6   | 13.0  |



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





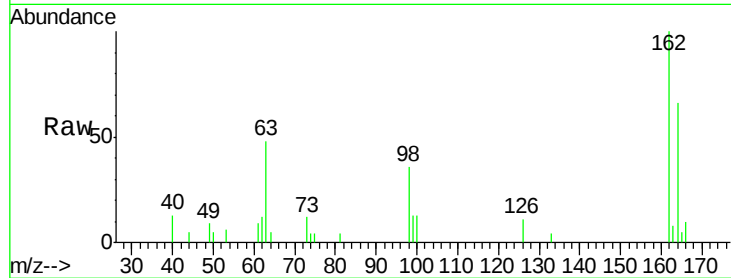
#29  
 2,4-Dichlorophenol  
 Concen: 2.92 ng  
 RT: 8.58 min Scan# 673  
 Delta R.T. 0.00 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

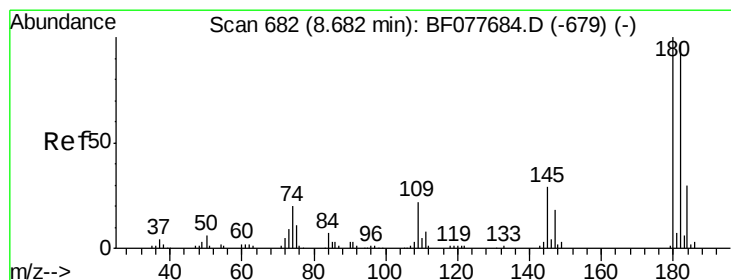
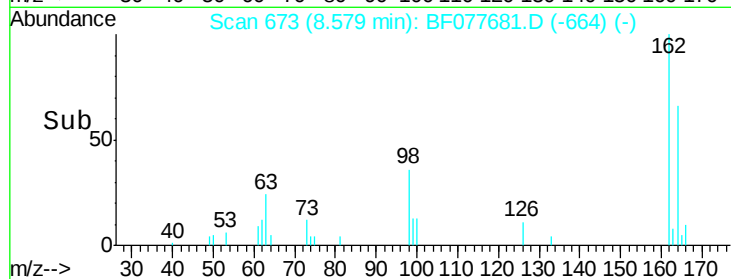
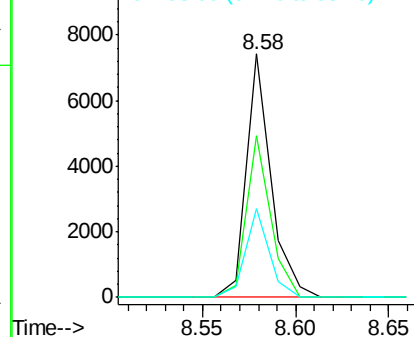
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 162   | Resp: | 6856 |
| Ion Ratio | Lower | Upper |      |
| 162       | 100   |       |      |
| 164       | 66.2  | 42.8  | 82.8 |
| 98        | 36.3  | 14.5  | 54.5 |

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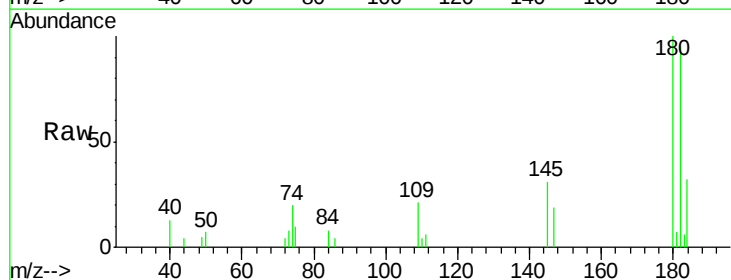


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

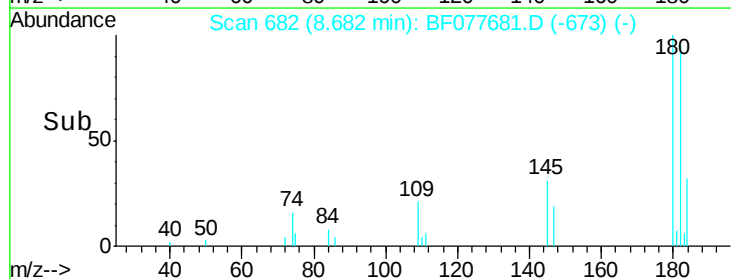
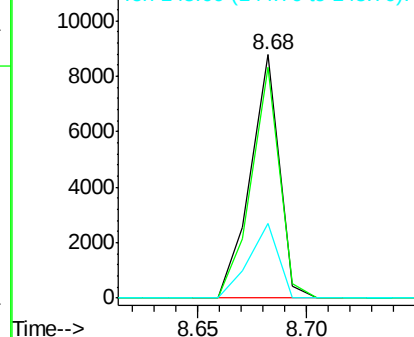


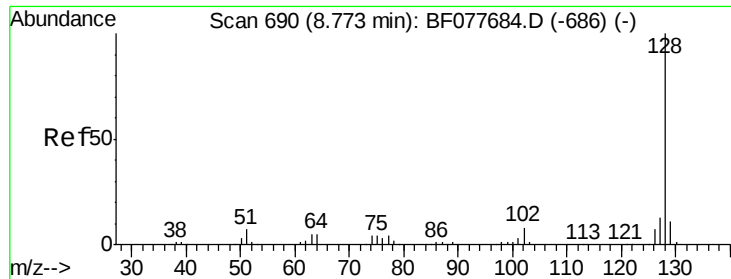
#30  
 1,2,4-Trichlorobenzene  
 Concen: 2.76 ng  
 RT: 8.68 min Scan# 682  
 Delta R.T. 0.00 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 8087  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 94.8  | 77.6  | 116.4 |
| 145       | 30.6  | 23.4  | 35.2  |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E





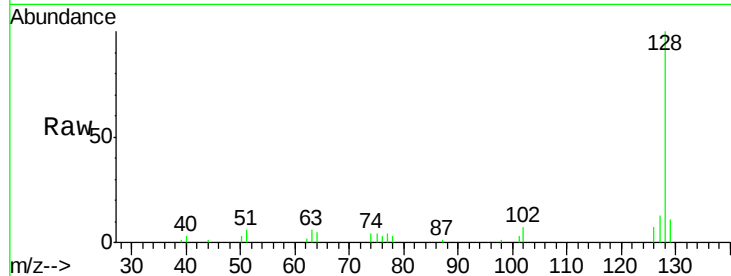
#31  
Naphthalene  
Concen: 2.88 ng  
RT: 8.77 min Scan# 690  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

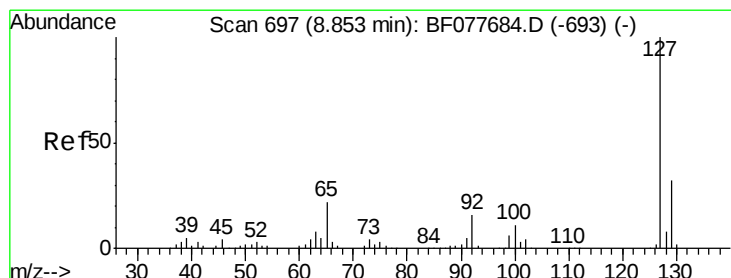
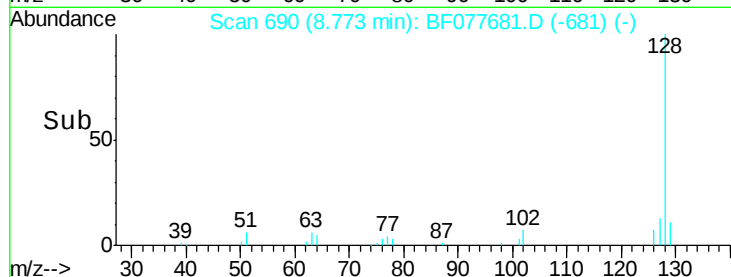
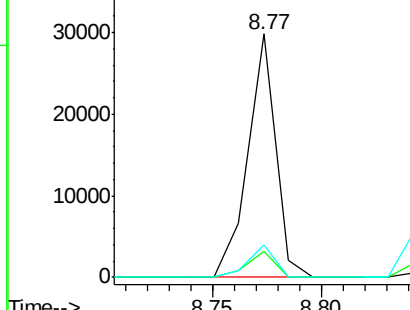
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 128   | Resp: | 26418 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 129       | 10.8  | 8.9   | 13.3  |
| 127       | 13.1  | 10.4  | 15.6  |

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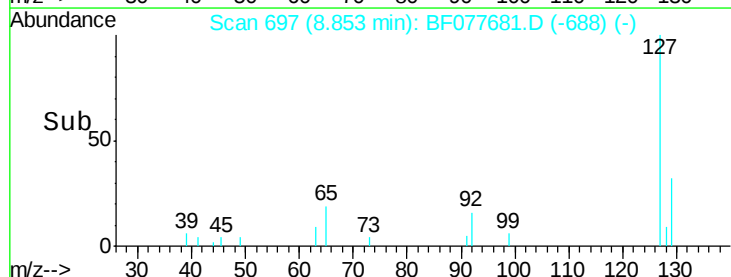
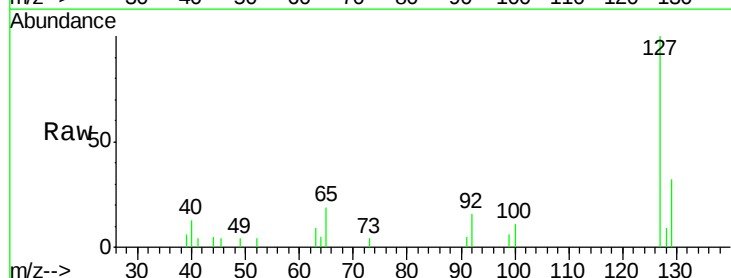
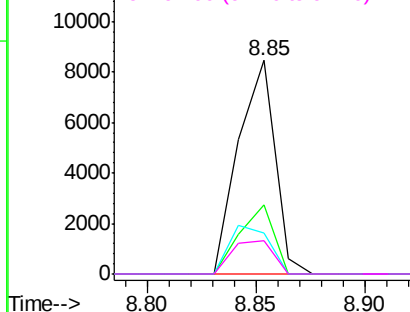
Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

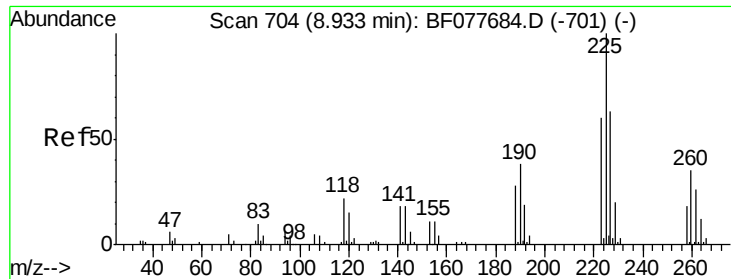


#33  
4-Chloroaniline  
Concen: 2.52 ng  
RT: 8.85 min Scan# 697  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 127   | Resp: | 9842 |
| Ion Ratio | Lower | Upper |      |
| 127       | 100   |       |      |
| 129       | 32.1  | 25.3  | 37.9 |
| 65        | 19.0  | 17.6  | 26.4 |
| 92        | 15.5  | 13.1  | 19.7 |

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





#34

Hexachlorobutadiene

Concen: 2.79 ng

RT: 8.93 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

Instrument :

BNA\_F

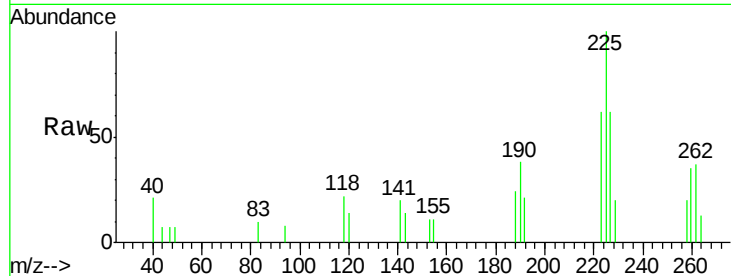
ClientSampleId :

SSTDICC2.5

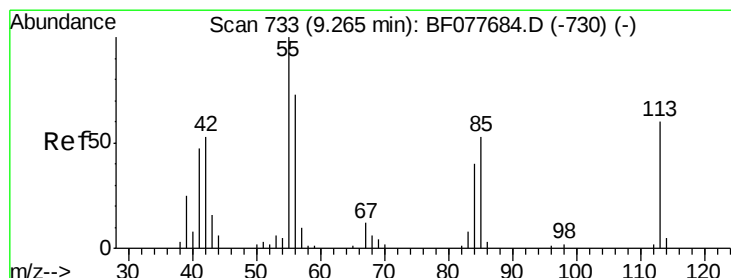
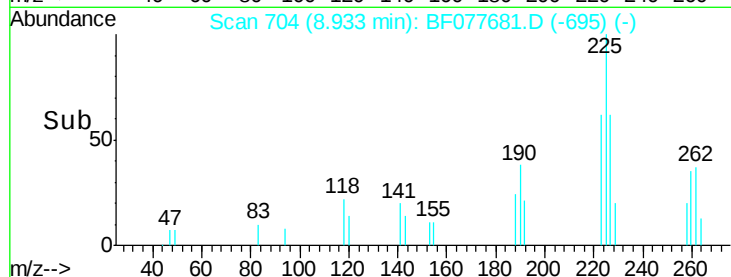
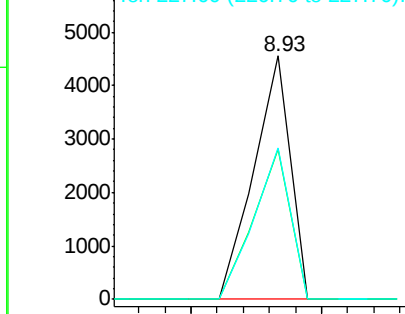
|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 225   | Resp: | 4482 |
| Ion Ratio | Lower | Upper |      |
| 225       | 100   |       |      |
| 223       | 61.8  | 47.9  | 71.9 |
| 227       | 62.4  | 50.1  | 75.1 |

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



#35

Caprolactam

Concen: 2.45 ng

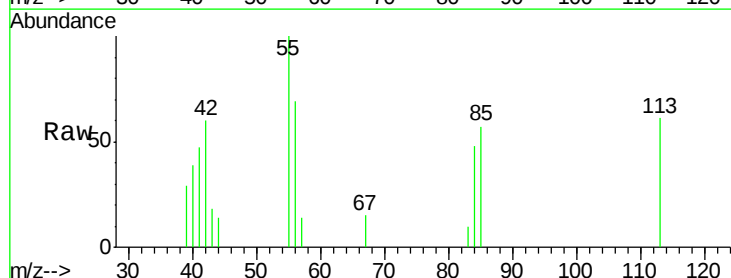
RT: 9.24 min Scan# 731

Delta R.T. -0.02 min

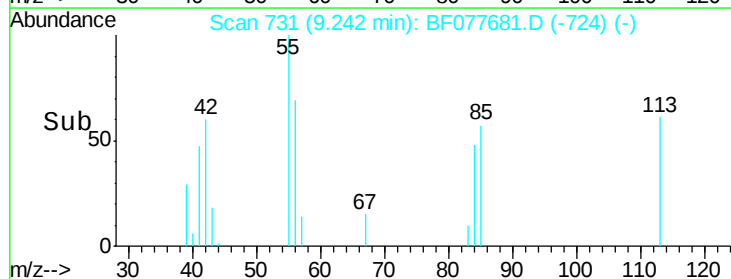
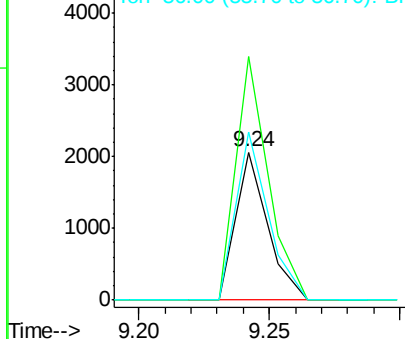
Lab File: BF077681.D

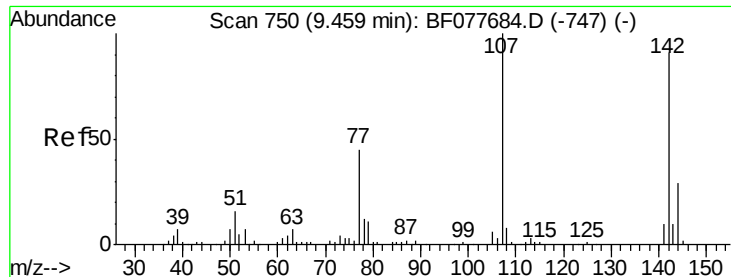
Acq: 11 Mar 2015 11:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 1756  |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 164.8 | 145.9 | 185.9 |
| 56        | 114.1 | 101.0 | 141.0 |



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





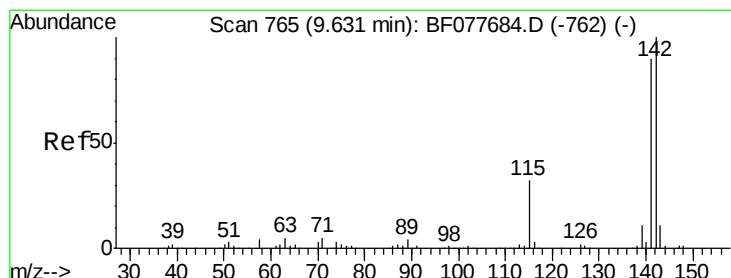
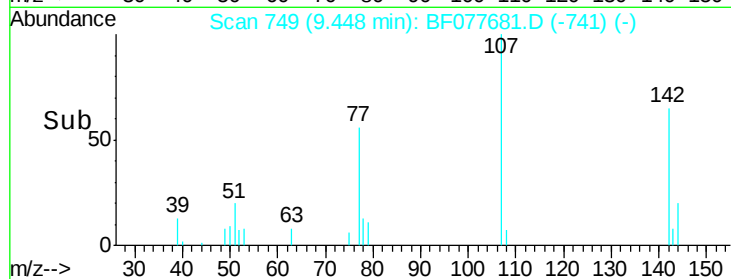
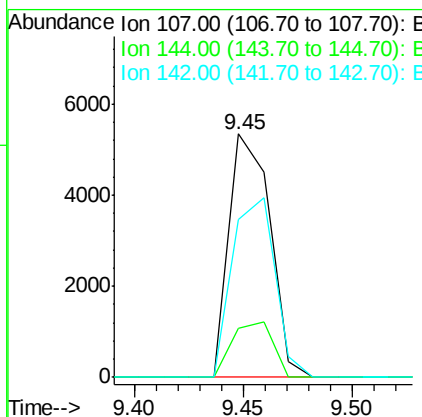
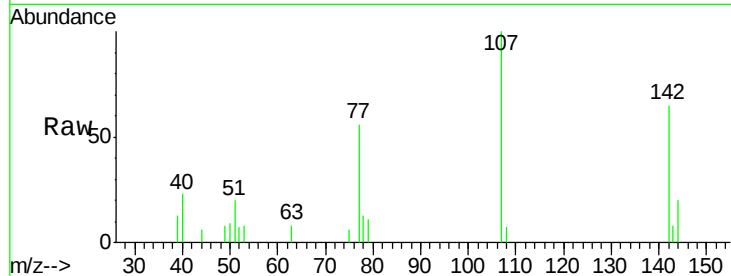
#36  
 4-Chloro-3-methylphenol  
 Concen: 2.74 ng  
 RT: 9.45 min Scan# 749  
 Delta R.T. -0.01 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 144     | 20.4  | 23.3  | 34.9#  |
| 142     | 64.6  | 72.6  | 109.0# |

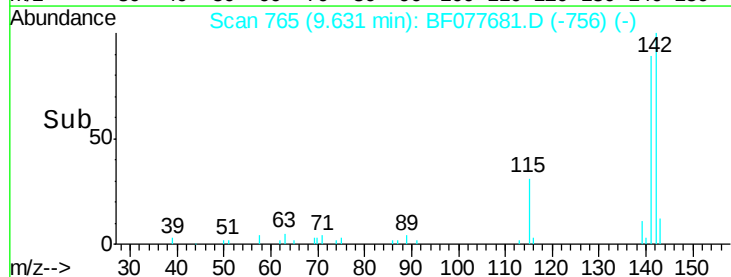
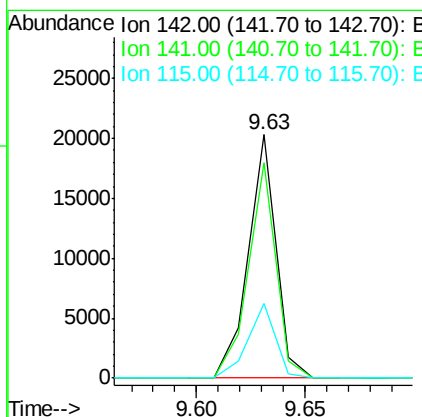
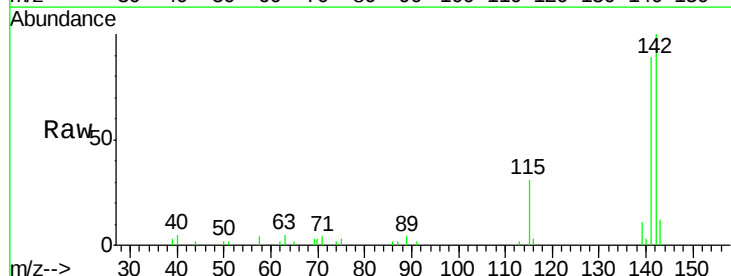
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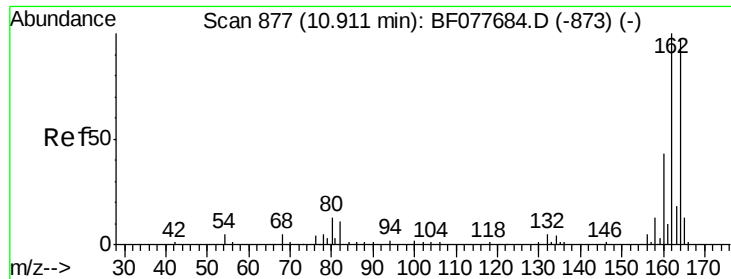
mohammad  
 3/13/2015 9:39:35 AM



#37  
 2-Methylnaphthalene  
 Concen: 2.75 ng  
 RT: 9.63 min Scan# 765  
 Delta R.T. 0.00 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.6  | 71.9  | 107.9 |
| 115     | 30.9  | 25.4  | 38.0  |





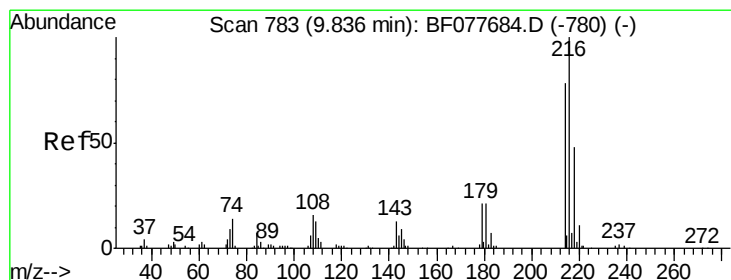
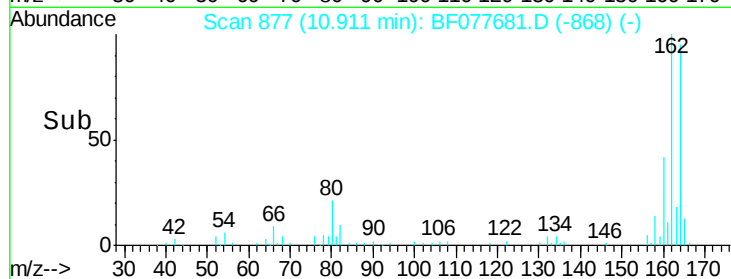
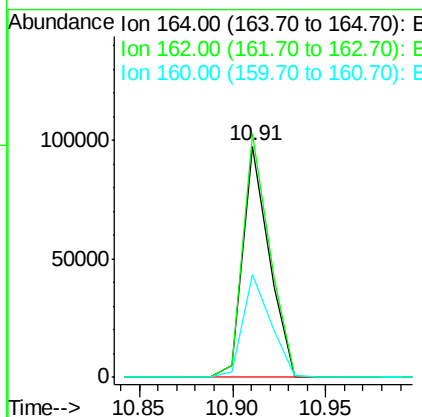
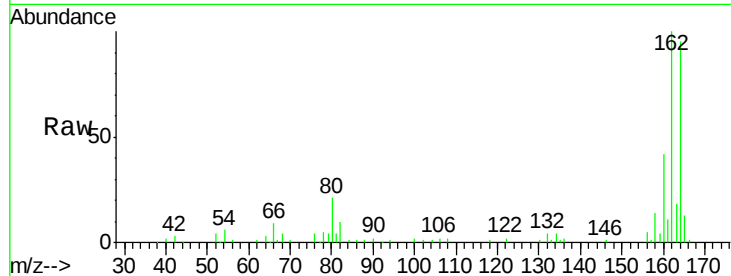
#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.91 min Scan# 877  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.4 | 82.4  | 123.6 |
| 160     | 44.6  | 35.8  | 53.6  |

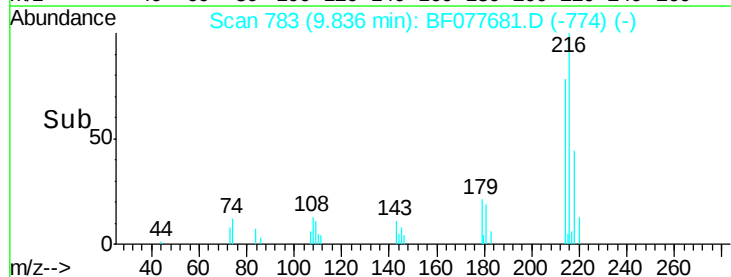
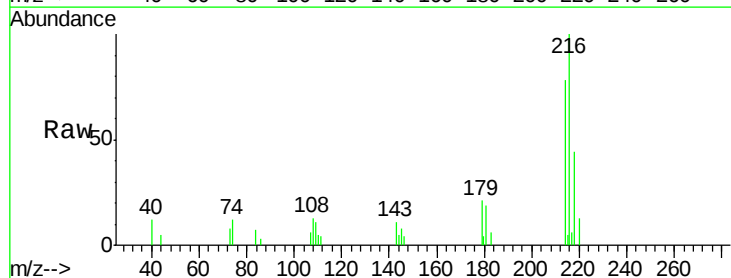
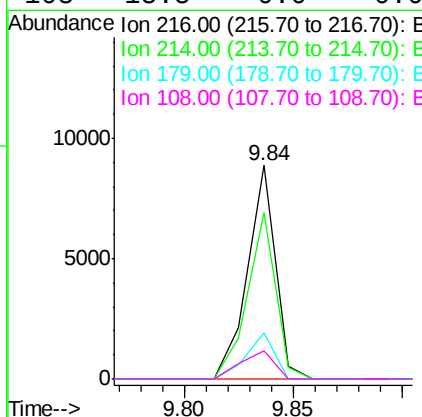
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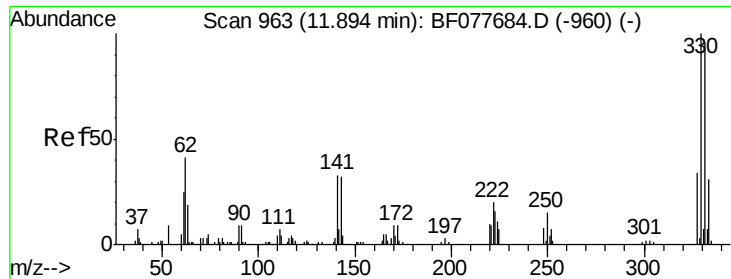
mohammad  
3/13/2015 9:39:35 AM



#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 2.84 ng  
RT: 9.84 min Scan# 783  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.6  | 0.0   | 0.0#  |
| 179     | 21.5  | 0.0   | 0.0#  |
| 108     | 15.5  | 0.0   | 0.0#  |





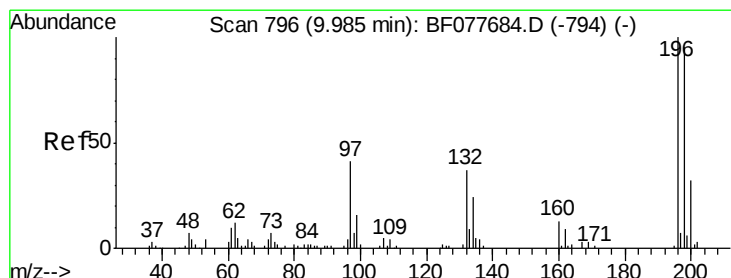
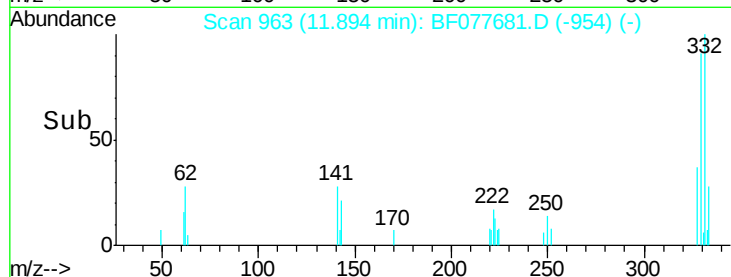
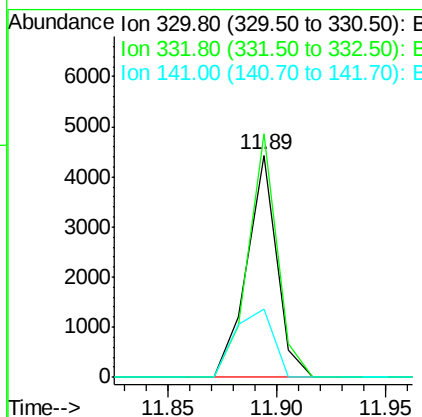
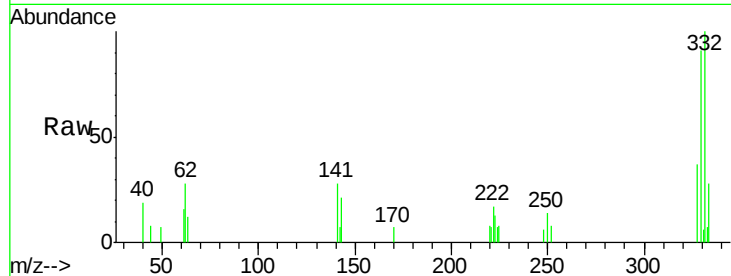
#41  
 2,4,6-Tribromophenol  
 Concen: 5.08 ng  
 RT: 11.89 min Scan# 963  
 Delta R.T. 0.00 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   | 4233 |       |       |
| 332     | 106.2 | 0.0  | 0.0   | 0.0   |
| 141     | 39.4  | 0.0  | 0.0   | 0.0   |

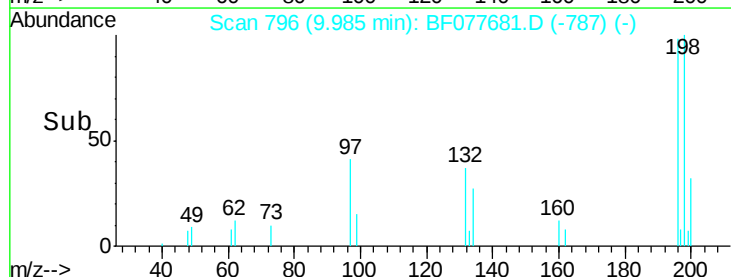
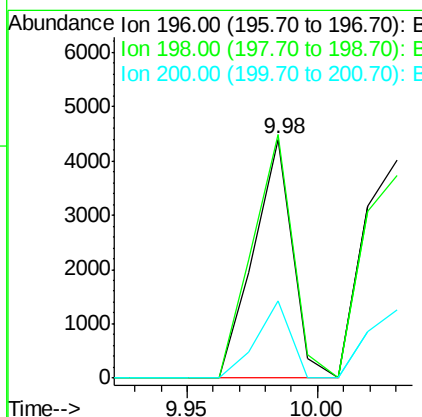
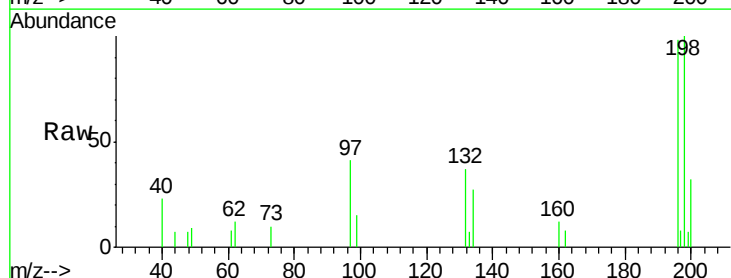
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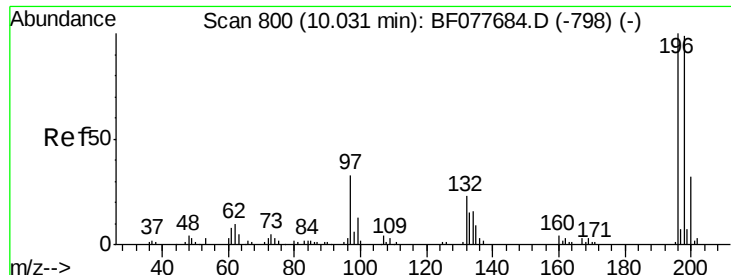
mohammad  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 2.87 ng  
 RT: 9.98 min Scan# 796  
 Delta R.T. 0.00 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   | 4593 |       |       |
| 198     | 102.0 | 76.3 | 114.5 |       |
| 200     | 32.2  | 25.6 | 38.4  |       |





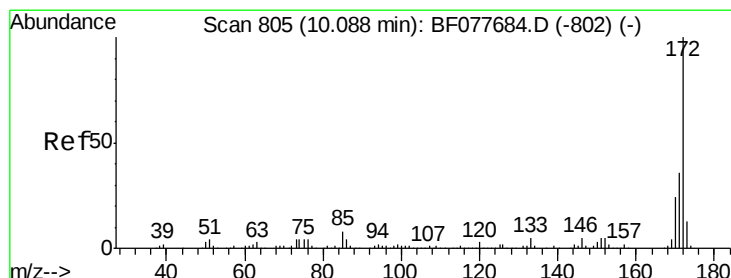
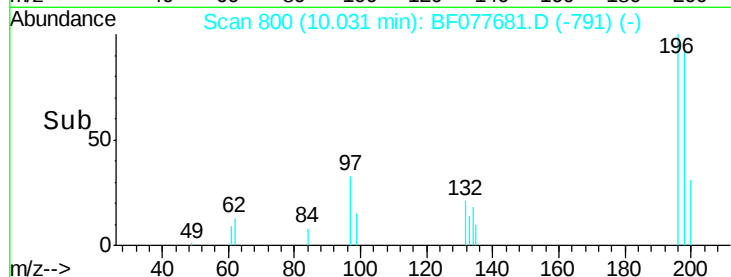
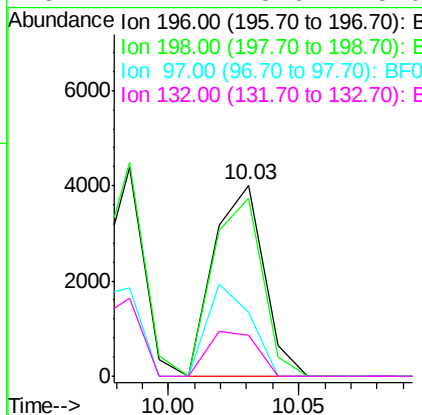
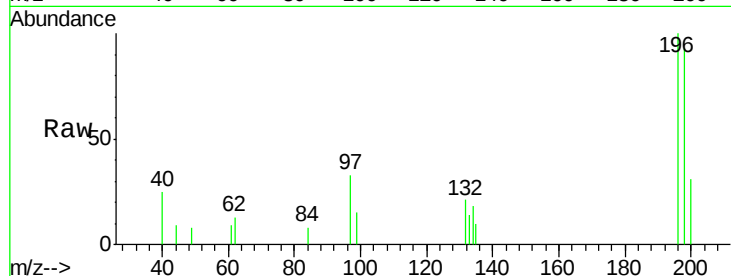
#43  
 2,4,5-Trichlorophenol  
 Concen: 3.14 ng  
 RT: 10.03 min Scan# 800  
 Delta R.T. 0.00 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

| Tot Ion | 196   | Resp: | 5379  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 196     | 100   |       |       |
| 198     | 92.8  | 79.4  | 119.0 |
| 97      | 33.2  | 26.8  | 40.2  |
| 132     | 21.2  | 18.6  | 28.0  |

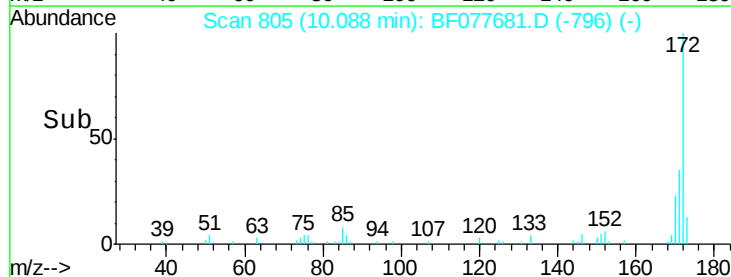
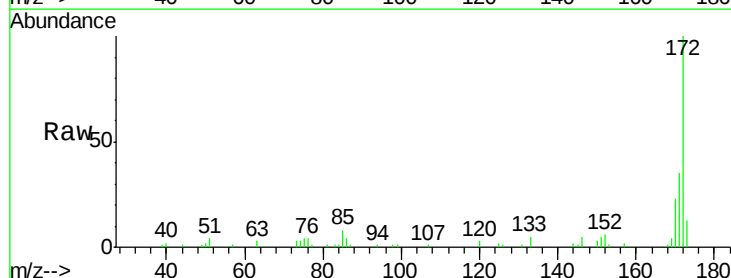
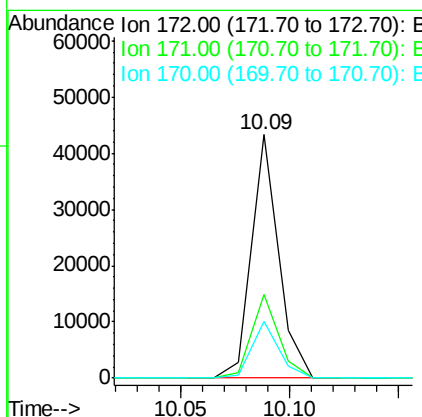
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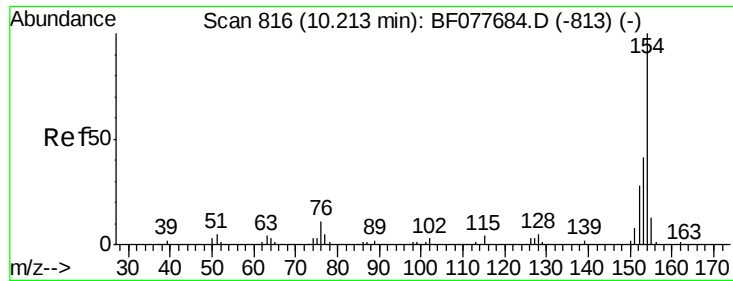
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#44  
 2-Fluorobiphenyl  
 Concen: 5.92 ng  
 RT: 10.09 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

| Tgt Ion | 172   | Resp: | 37458 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 172     | 100   |       |       |
| 171     | 34.6  | 28.5  | 42.7  |
| 170     | 23.3  | 18.8  | 28.2  |





#45

1,1'-Biphenyl

Concen: 2.63 ng

RT: 10.21 min Scan# 816

Delta R.T. 0.00 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

Instrument :

BNA\_F

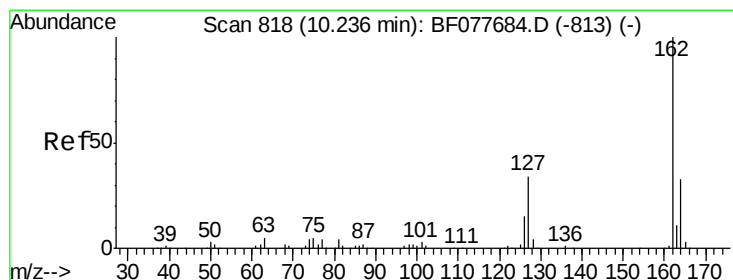
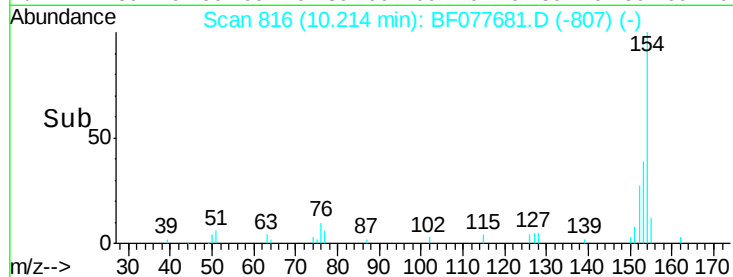
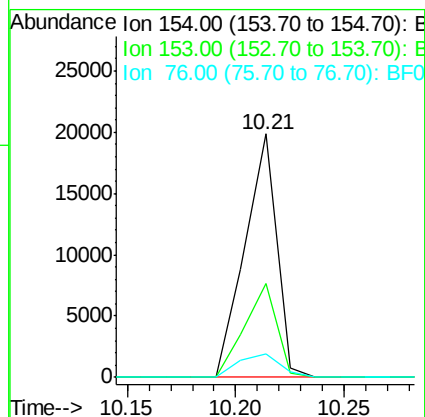
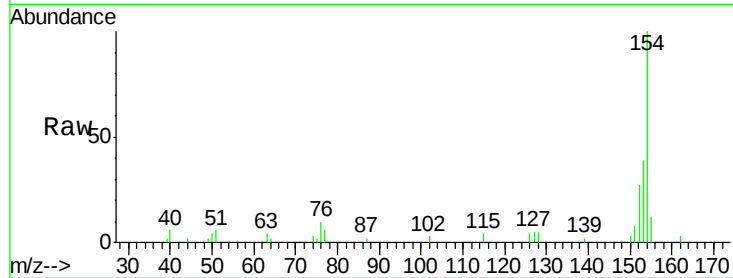
ClientSampled :

SSTDICC2.5

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 154   | Resp: | 20211 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 38.6  | 20.7  | 60.7  |
| 76        | 9.9   | 0.0   | 30.9  |

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#46

2-Chloronaphthalene

Concen: 2.84 ng

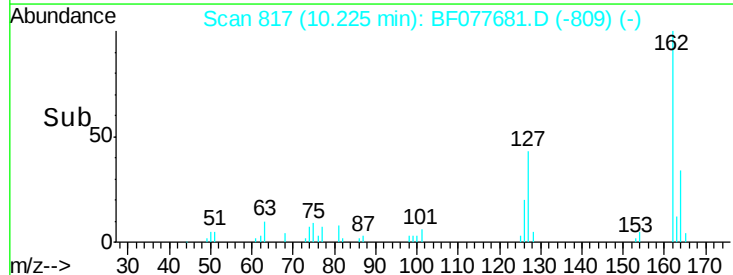
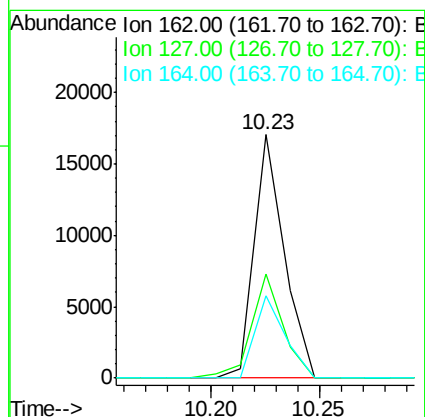
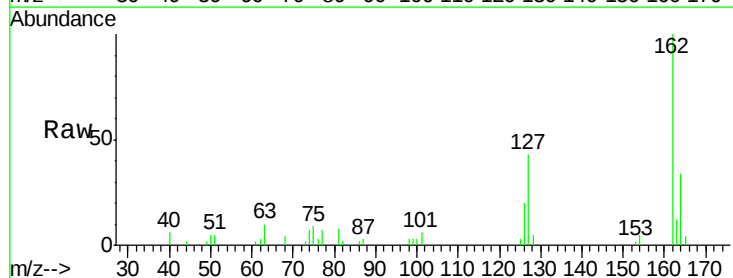
RT: 10.23 min Scan# 817

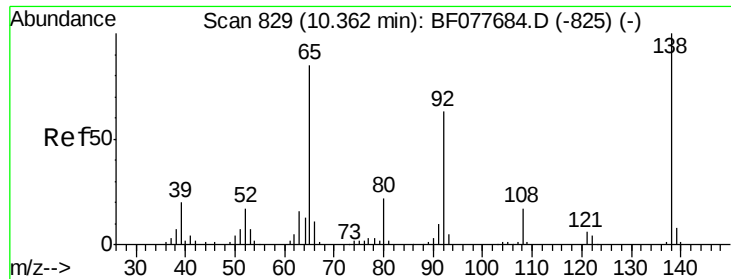
Delta R.T. -0.01 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 16367 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 127       | 42.5  | 26.9  | 40.3# |
| 164       | 33.9  | 26.8  | 40.2  |





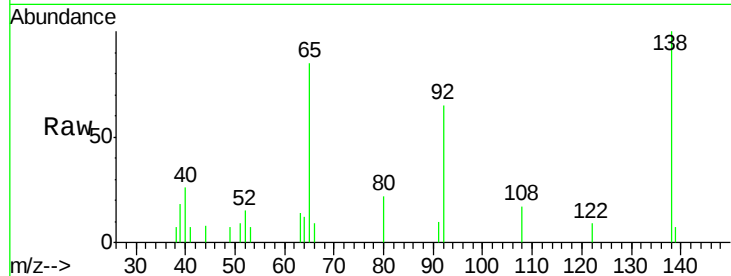
#47  
2-Nitroaniline  
Concen: 3.22 ng  
RT: 10.36 min Scan# 829  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 76.4  | 59.1  | 88.7  |
| 138     | 117.7 | 93.9  | 140.9 |

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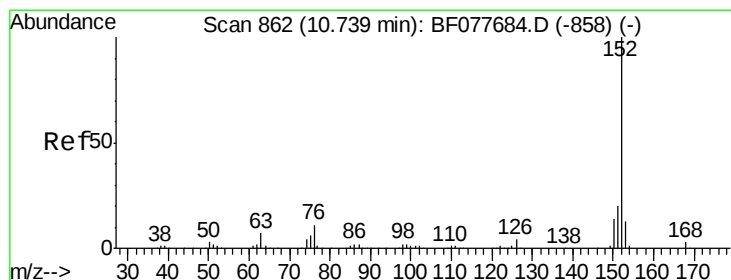
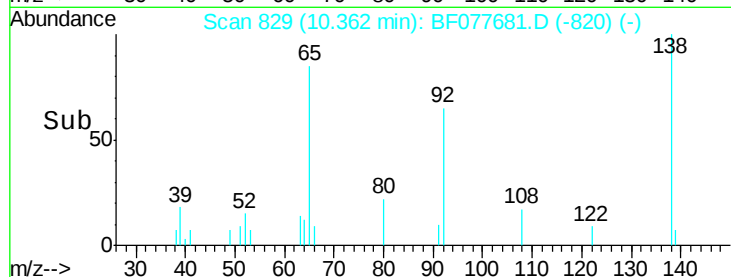
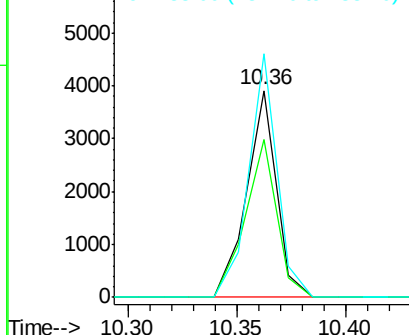


Abundance

Ion 65.00 (64.70 to 65.70): BF0

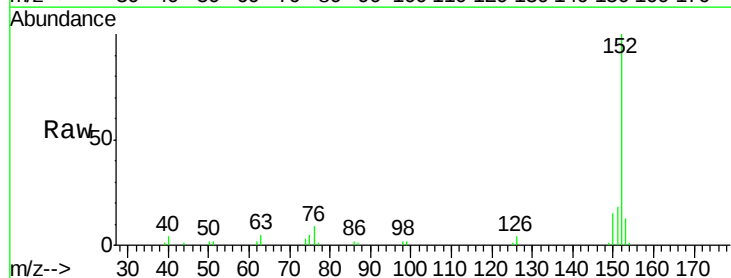
Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48  
Acenaphthylene  
Concen: 3.16 ng  
RT: 10.74 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 18.1  | 15.9  | 23.9  |
| 153     | 12.8  | 10.6  | 16.0  |

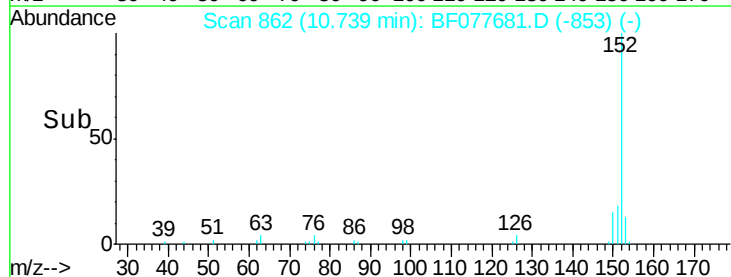
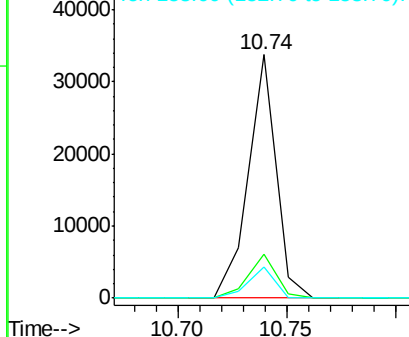


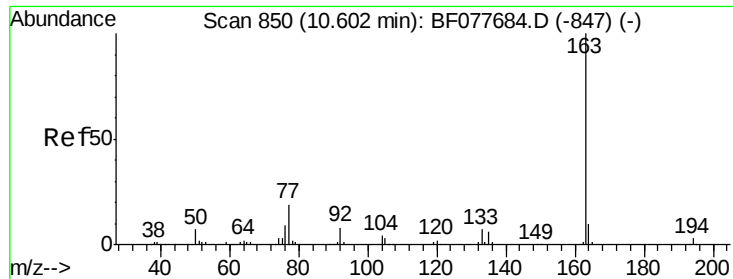
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





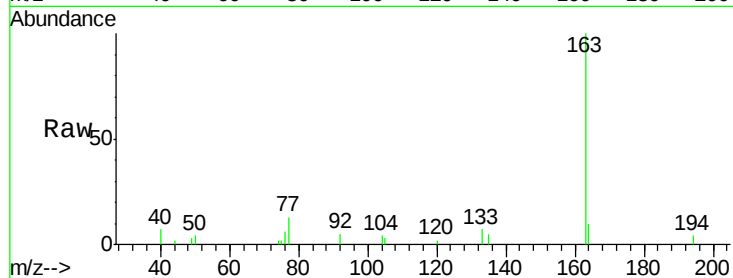
#49  
Dimethylphthalate  
Concen: 2.86 ng  
RT: 10.60 min Scan# 850  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

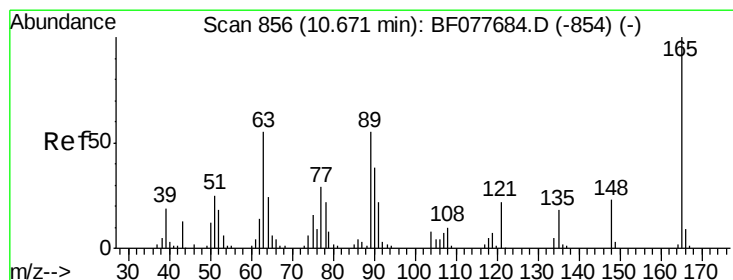
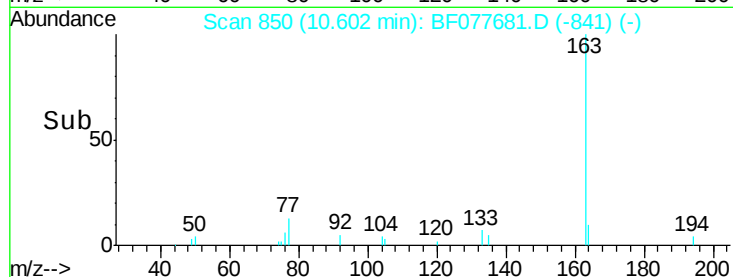
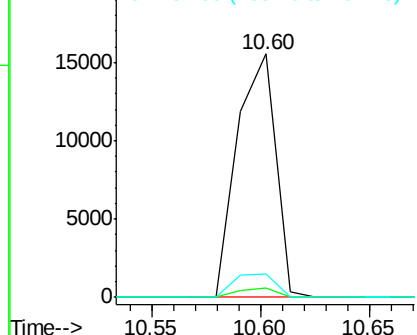
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 163     | 100   | 19065 |       |       |
| 194     | 4.1   |       | 2.7   | 4.1   |
| 164     | 9.8   |       | 8.2   | 12.2  |

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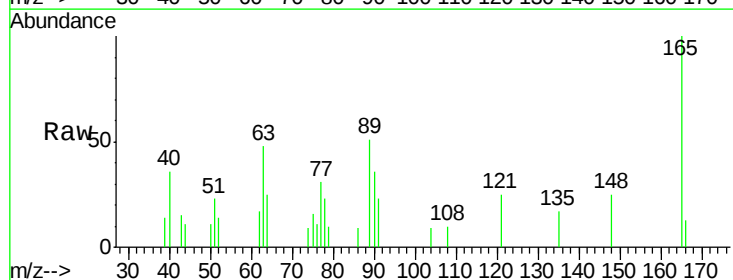


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

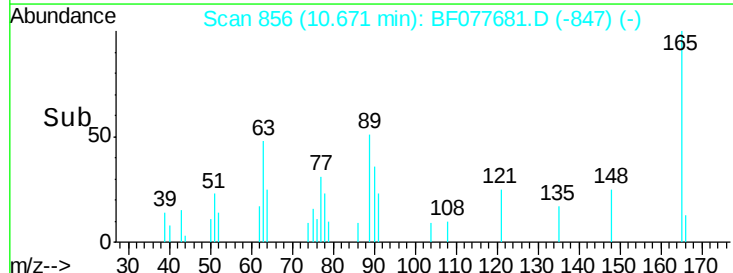
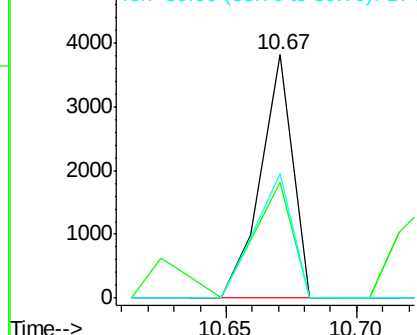


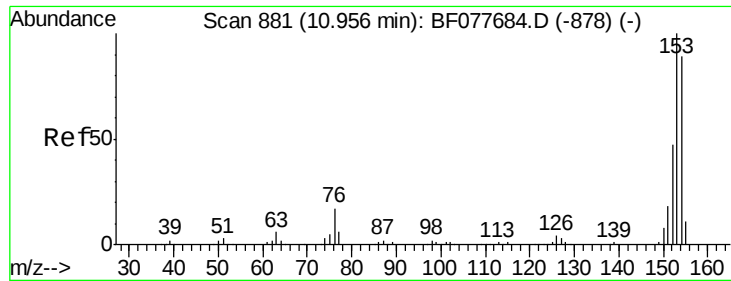
#50  
2,6-Dinitrotoluene  
Concen: 2.91 ng  
RT: 10.67 min Scan# 856  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   | 3289 |       |       |
| 63      | 47.5  |      | 44.1  | 66.1  |
| 89      | 51.0  |      | 44.3  | 66.5  |



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





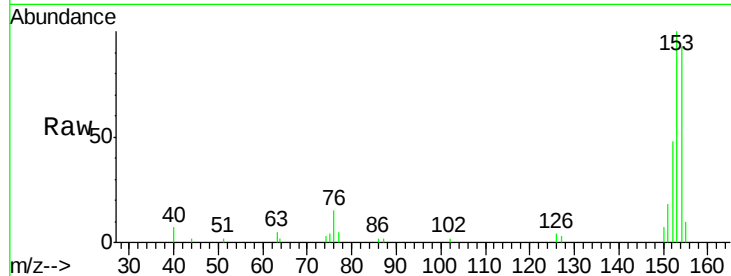
#51  
Acenaphthene  
Concen: 2.99 ng  
RT: 10.96 min Scan# 881  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 107.7 | 90.0  | 135.0 |
| 152     | 51.8  | 42.6  | 63.8  |

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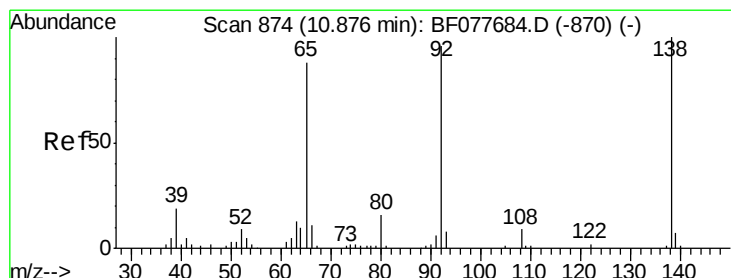
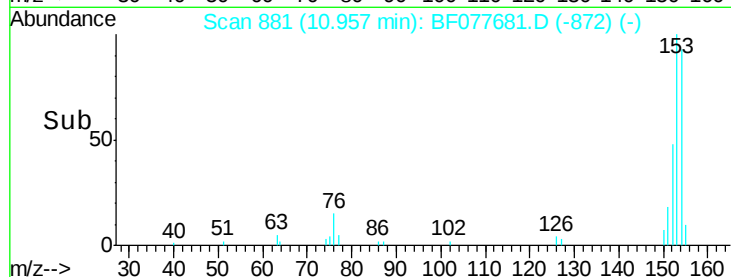
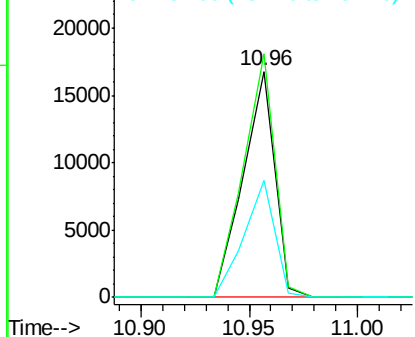


Abundance

Ion 154.00 (153.70 to 154.70): E

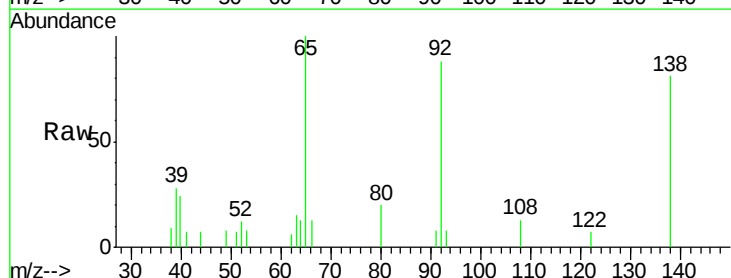
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52  
3-Nitroaniline  
Concen: 3.15 ng  
RT: 10.87 min Scan# 873  
Delta R.T. -0.01 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 15.8  | 7.3   | 10.9# |
| 92      | 109.5 | 76.6  | 114.8 |

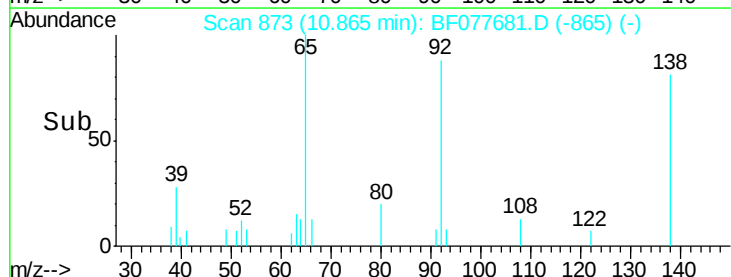
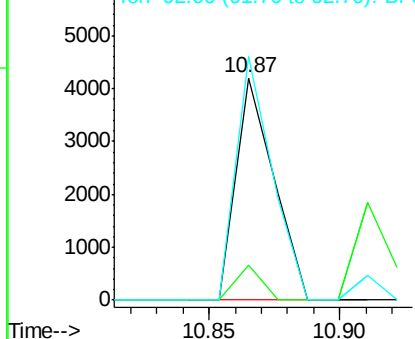


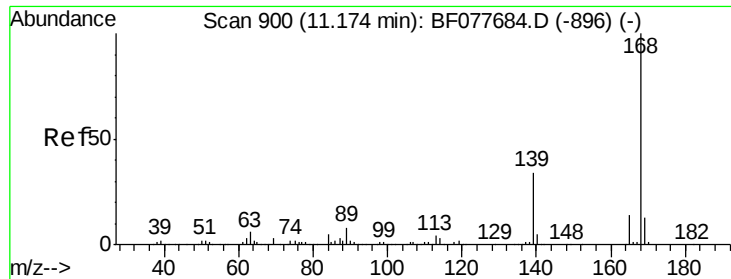
Abundance

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





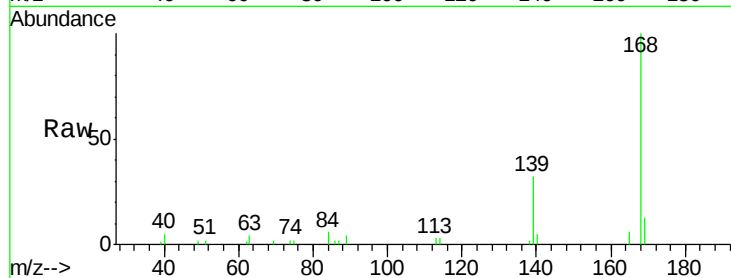
#54  
Dibenzenofuran  
Concen: 2.88 ng  
RT: 11.17 min Scan# 900  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

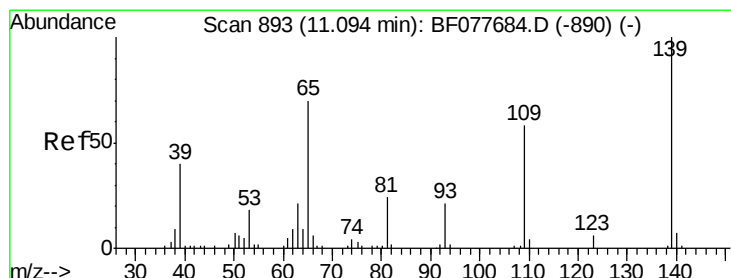
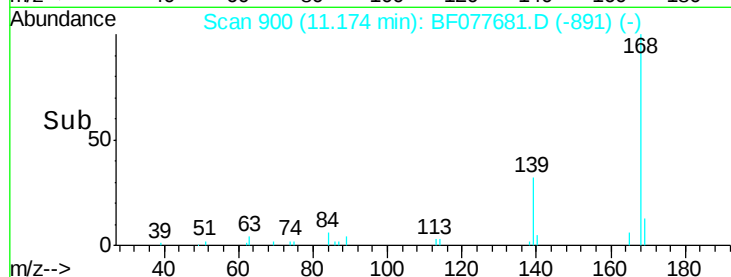
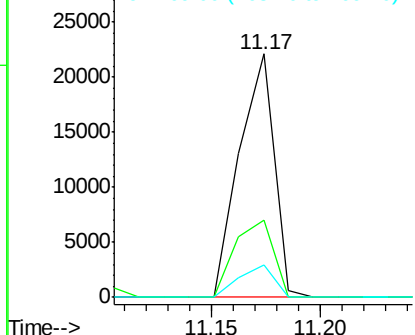
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 31.9  | 27.3  | 40.9  |
| 169     | 13.4  | 10.6  | 16.0  |

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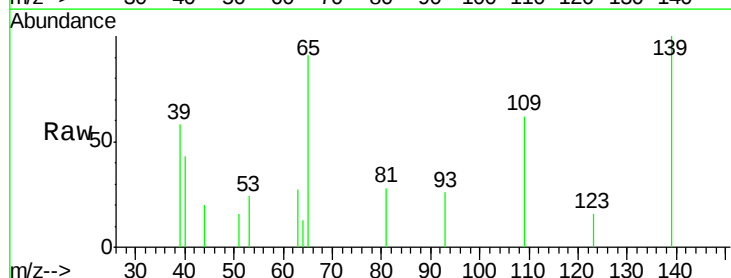


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

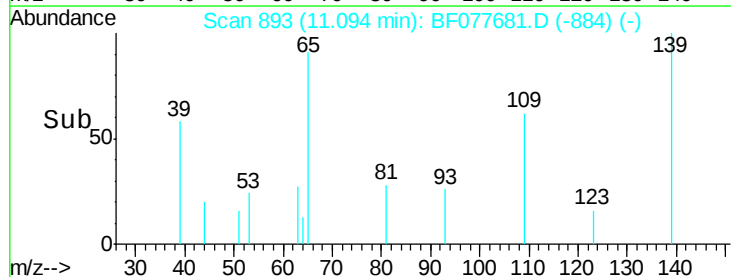
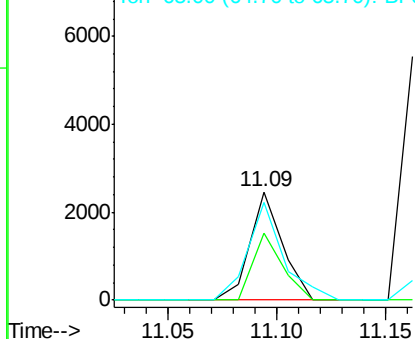


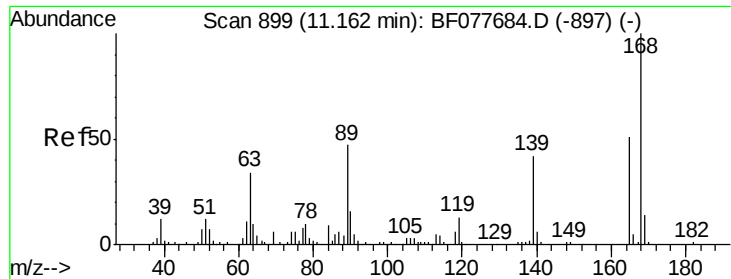
#55  
4-Nitrophenol  
Concen: 2.73 ng  
RT: 11.09 min Scan# 893  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 61.9  | 37.7  | 77.7  |
| 65      | 90.5  | 49.9  | 89.9# |



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0





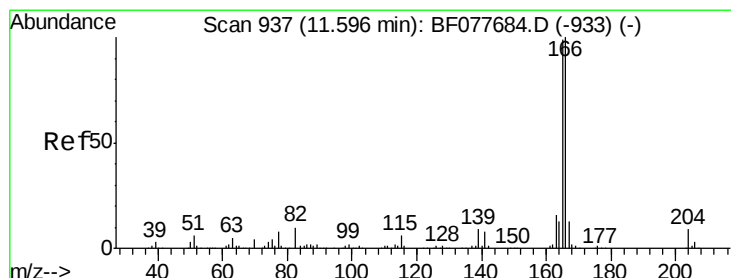
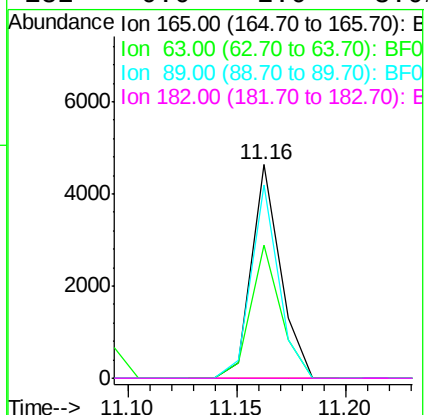
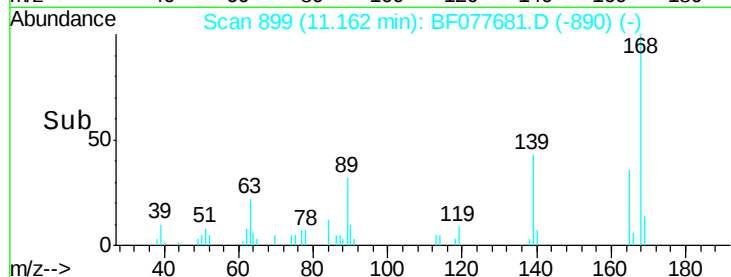
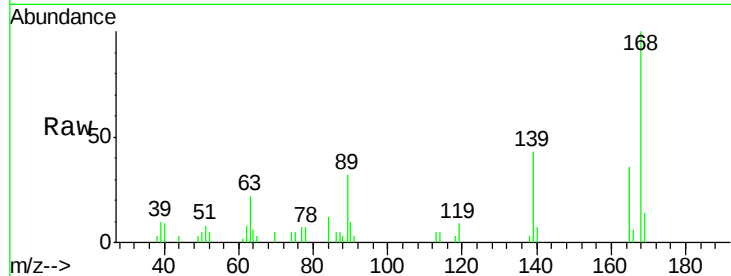
#56  
2,4-Dinitrotoluene  
Concen: 3.20 ng  
RT: 11.16 min Scan# 899  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 62.6  | 52.4  | 78.6  |
| 89      | 90.3  | 72.4  | 108.6 |
| 182     | 0.0   | 2.0   | 3.0#  |

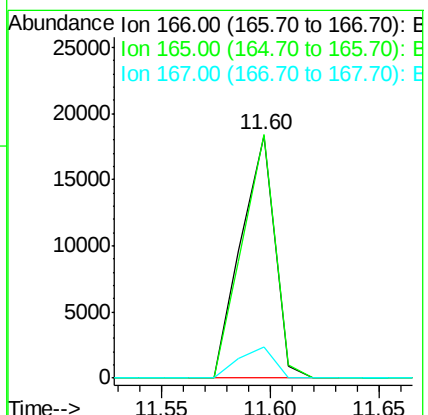
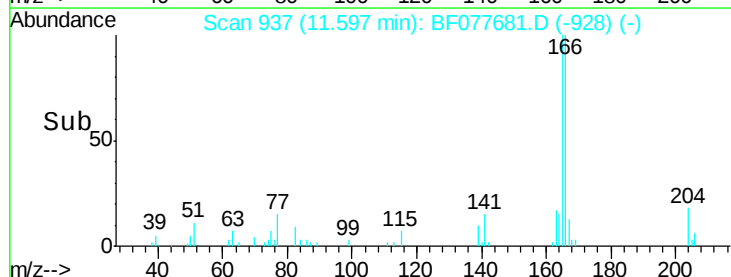
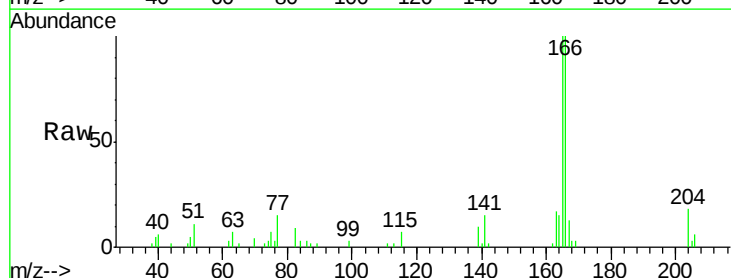
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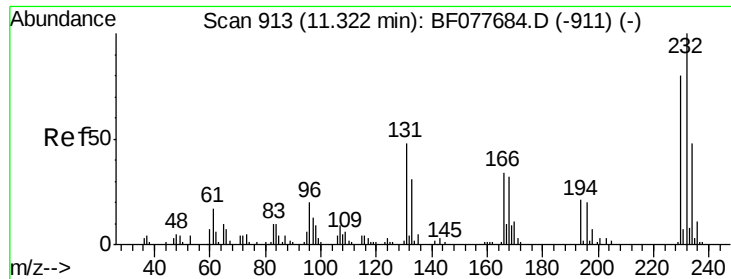
mohammad  
3/13/2015 9:39:35 AM



#57  
Fluorene  
Concen: 2.94 ng  
RT: 11.60 min Scan# 937  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 100.3 | 79.0  | 118.4 |
| 167     | 12.7  | 10.3  | 15.5  |





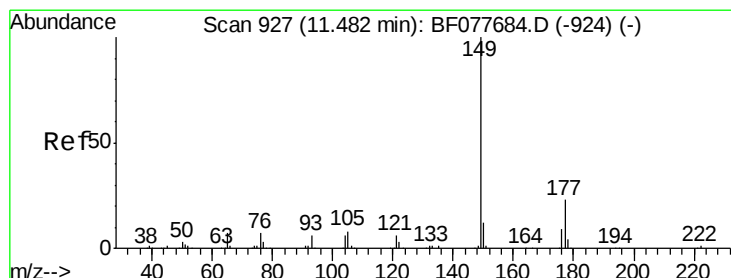
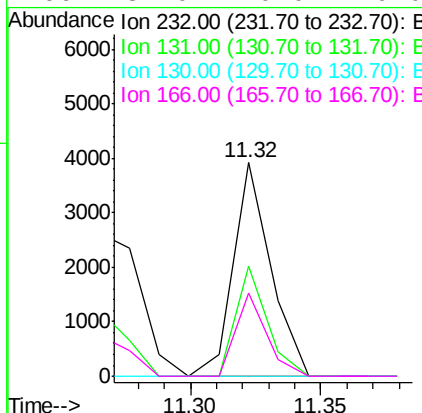
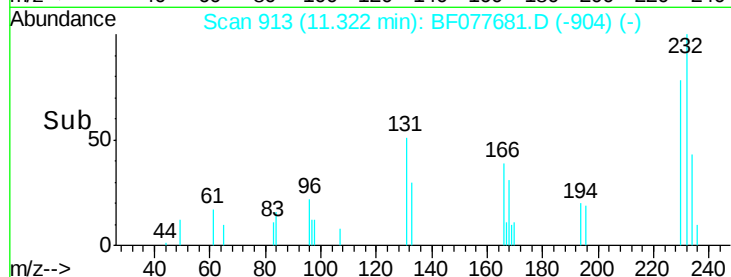
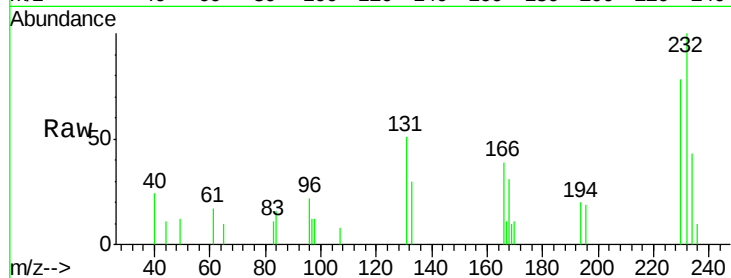
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 3.06 ng  
 RT: 11.32 min Scan# 913  
 Delta R.T. 0.00 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 43.2  | 0.0   | 0.0#  |
| 130     | 0.0   | 0.0   | 0.0   |
| 166     | 32.0  | 0.0   | 0.0#  |

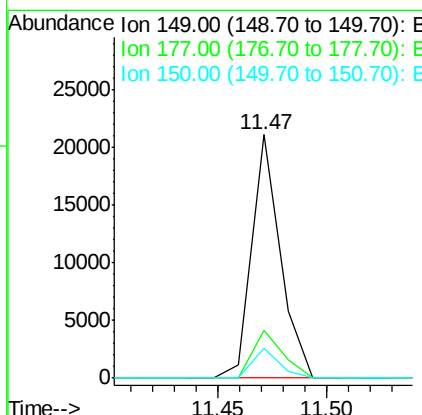
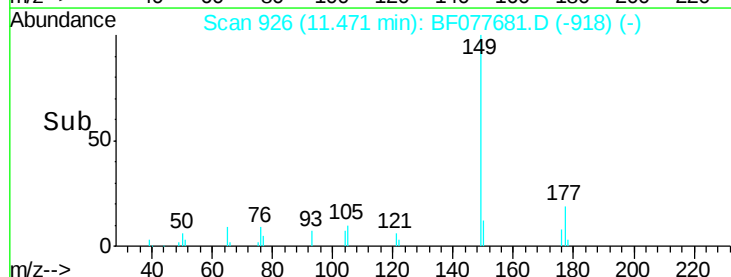
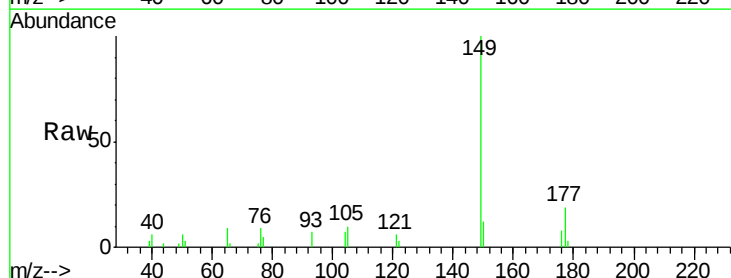
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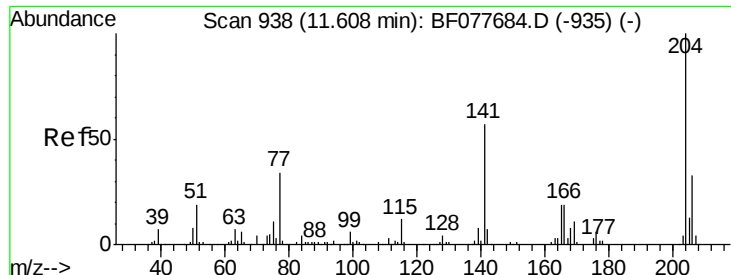
mohammad  
 3/13/2015 9:39:35 AM



#59  
 Diethylphthalate  
 Concen: 2.81 ng  
 RT: 11.47 min Scan# 926  
 Delta R.T. -0.01 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 19.4  | 18.3  | 27.5  |
| 150     | 12.3  | 9.8   | 14.8  |





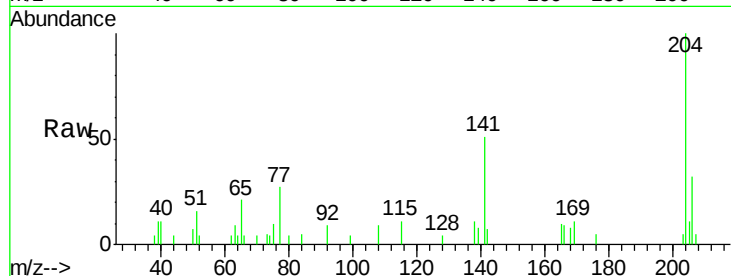
#60  
4-Chlorophenyl-phenylether  
Concen: 2.93 ng  
RT: 11.61 min Scan# 938  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

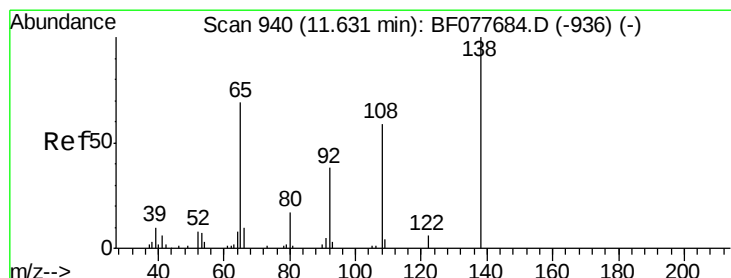
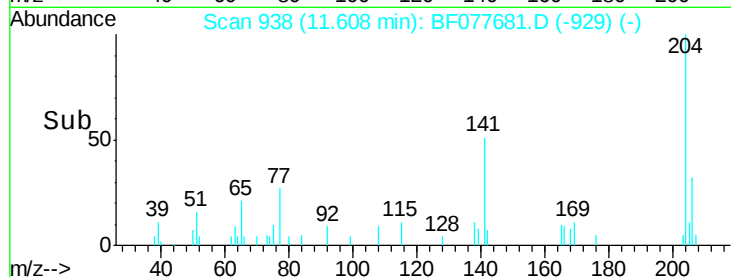
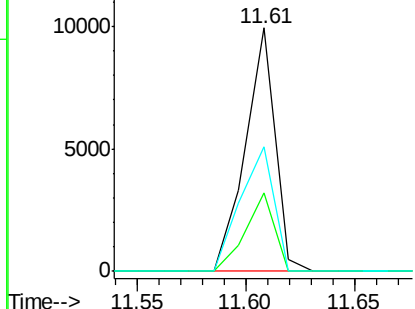
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.2  | 26.6  | 39.8  |
| 141     | 51.3  | 45.2  | 67.8  |

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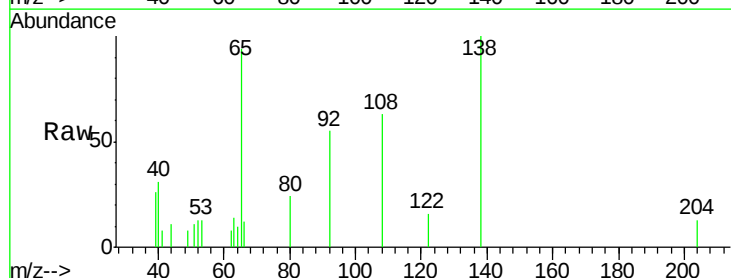


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

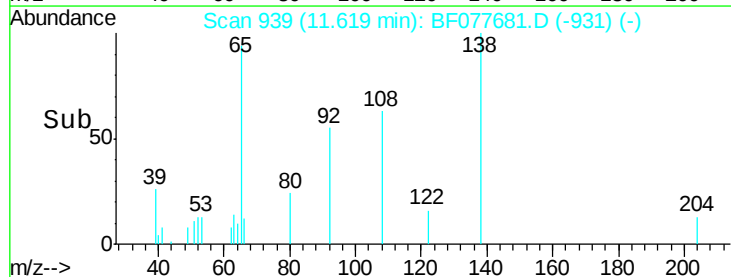
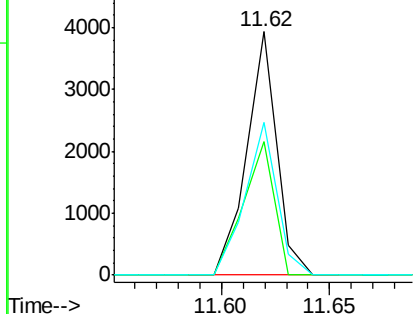


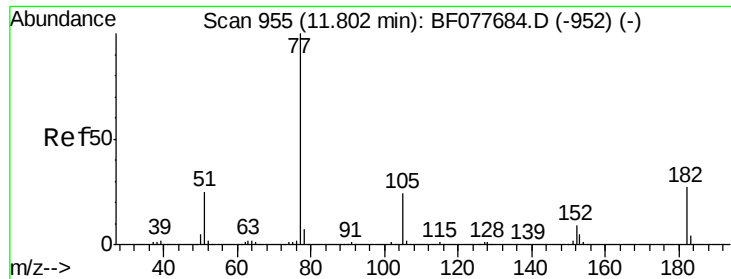
#61  
4-Nitroaniline  
Concen: 2.87 ng  
RT: 11.62 min Scan# 939  
Delta R.T. -0.01 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.6  | 16.7  | 56.7  |
| 108     | 62.8  | 37.6  | 77.6  |



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





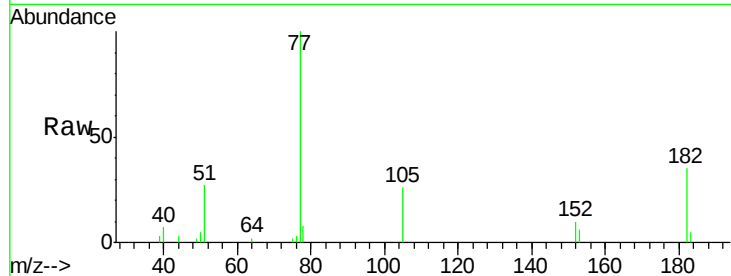
#62  
Azobenzene  
Concen: 2.52 ng  
RT: 11.80 min Scan# 955  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

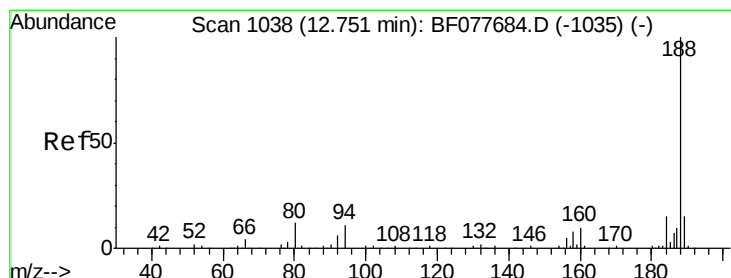
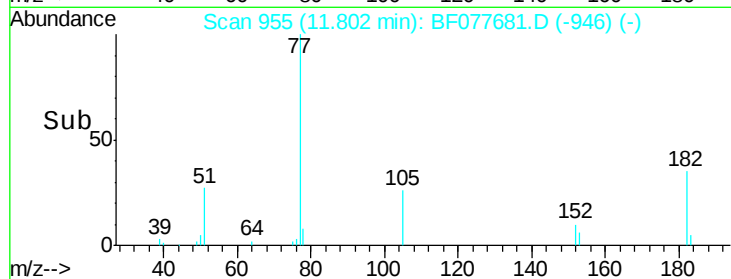
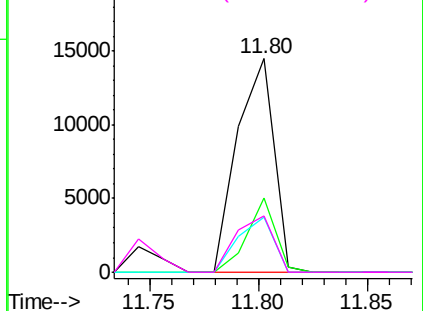
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 77      | 100  |       |      |       |       |
| 182     | 35.0 | 6.5   | 46.5 |       |       |
| 105     | 25.8 | 3.8   | 43.8 |       |       |
| 51      | 26.6 | 5.5   | 45.5 |       |       |

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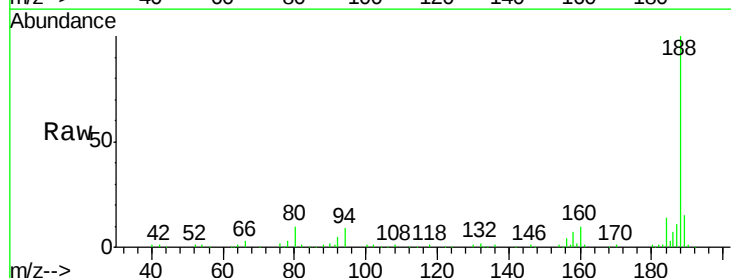


Abundance Ion 77.00 (76.70 to 77.70): BF0  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF0

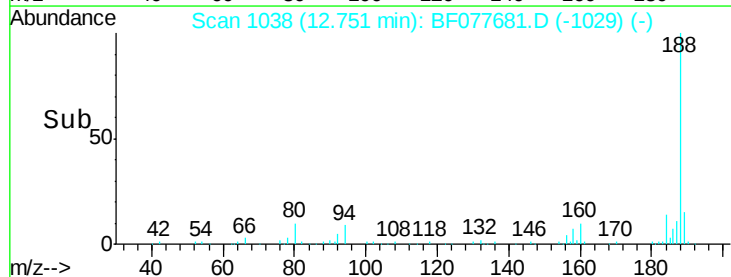
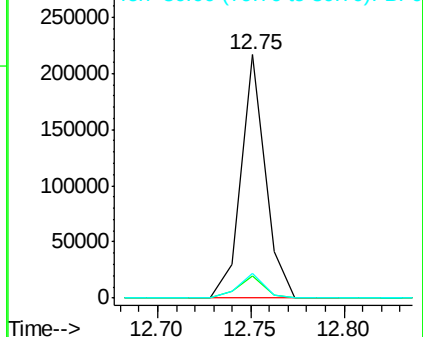


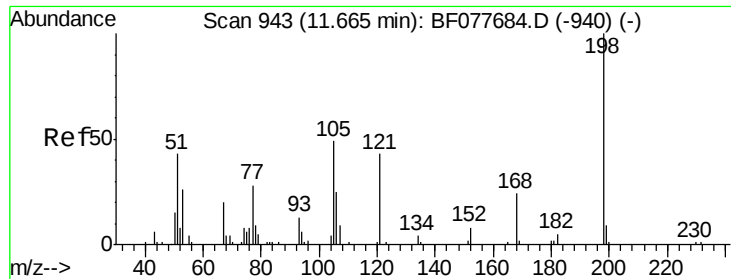
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 12.75 min Scan# 1038  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 188     | 100  |       |      |       |       |
| 94      | 9.1  | 8.7   | 13.1 |       |       |
| 80      | 10.1 | 9.3   | 13.9 |       |       |



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0





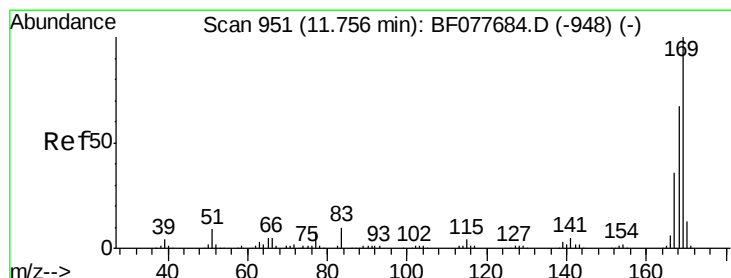
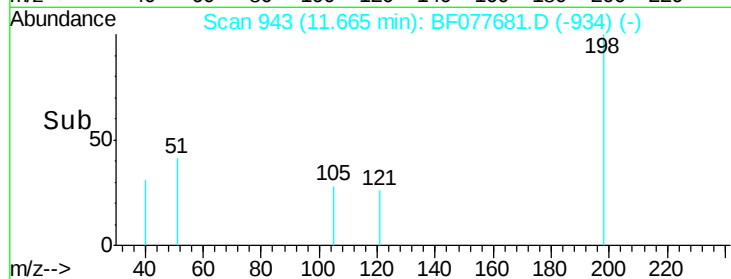
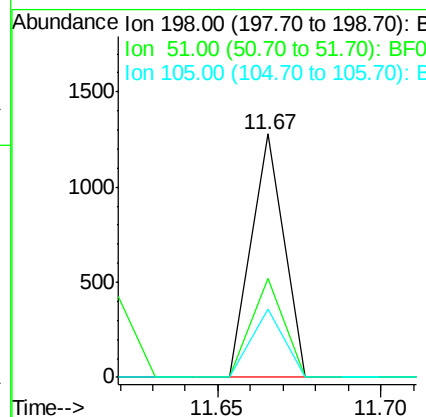
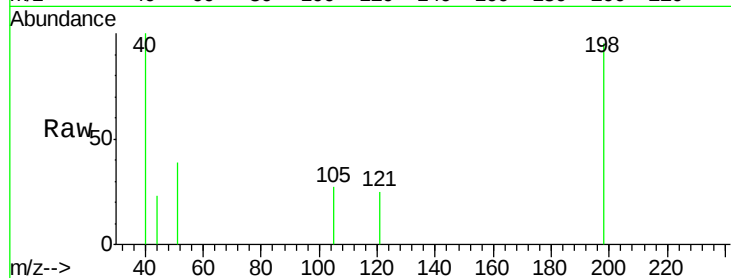
#64  
4,6-Dinitro-2-methylphenol  
Concen: 2.13 ng  
RT: 11.67 min Scan# 943  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 40.9  | 28.8  | 68.8  |
| 105     | 28.1  | 30.5  | 70.5# |

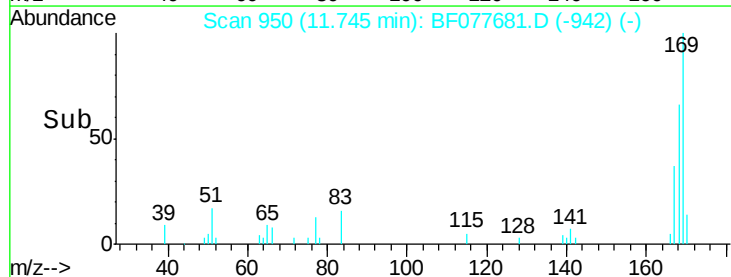
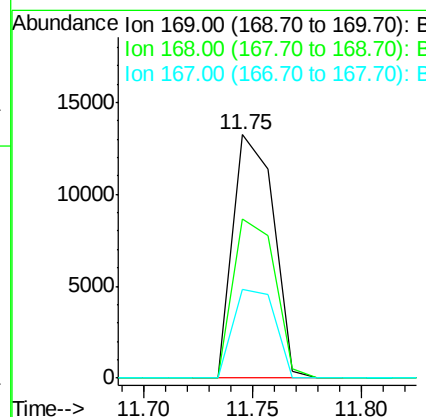
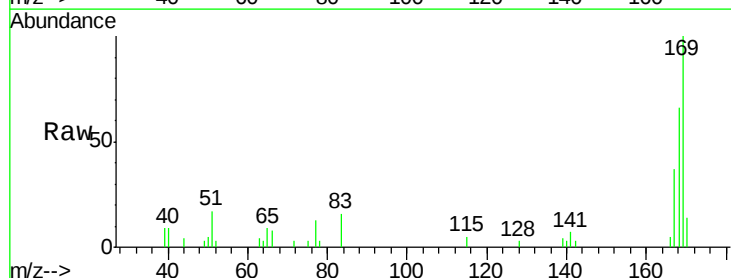
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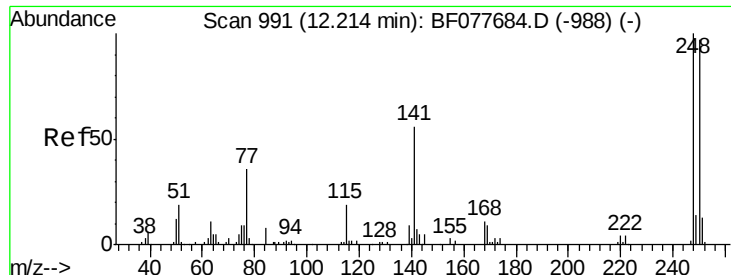
mohammad  
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#65  
n-Nitrosodiphenylamine  
Concen: 2.66 ng  
RT: 11.75 min Scan# 950  
Delta R.T. -0.01 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 65.5  | 53.9  | 80.9  |
| 167     | 36.6  | 28.9  | 43.3  |





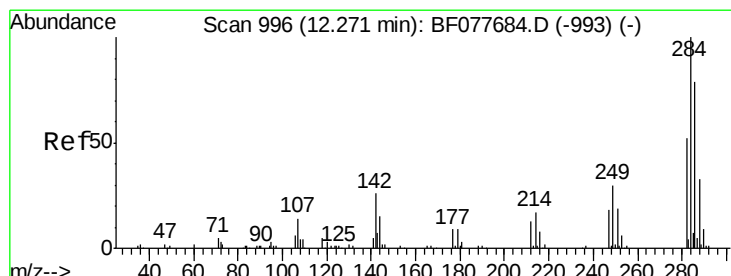
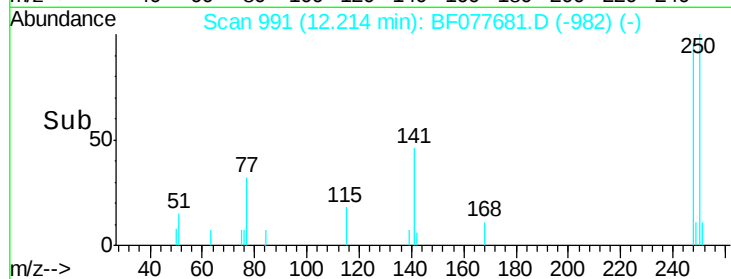
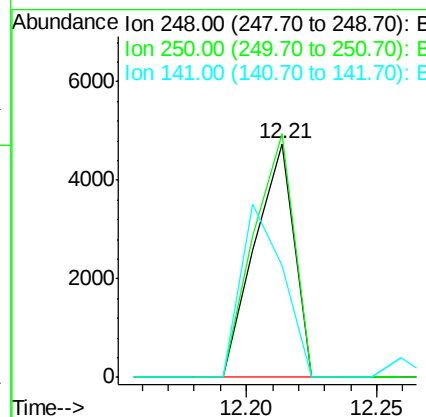
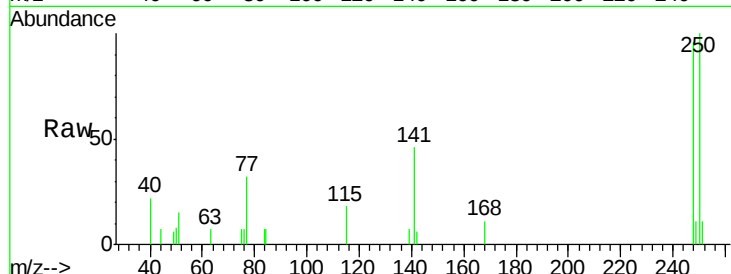
#66  
4-Bromophenyl-phenylether  
Concen: 2.30 ng  
RT: 12.21 min Scan# 991  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 104.2 | 77.4  | 116.0 |
| 141     | 47.6  | 45.2  | 67.8  |

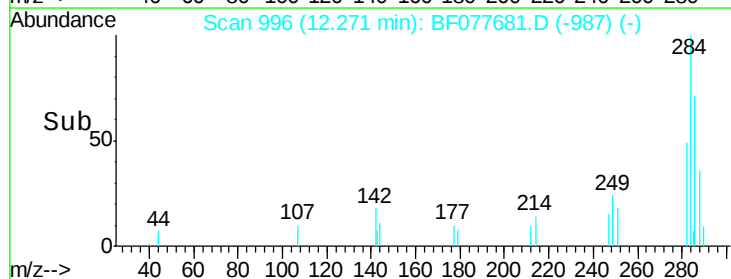
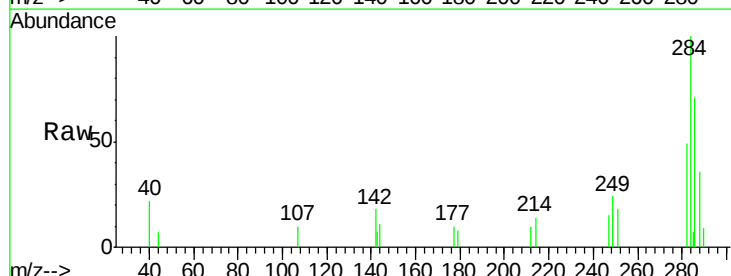
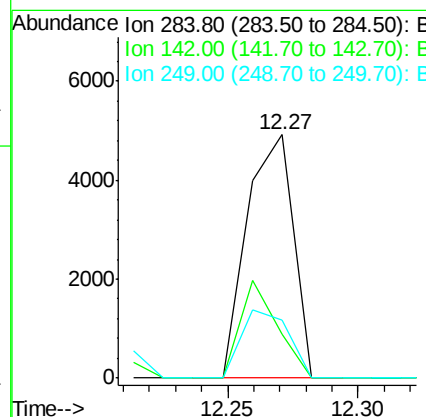
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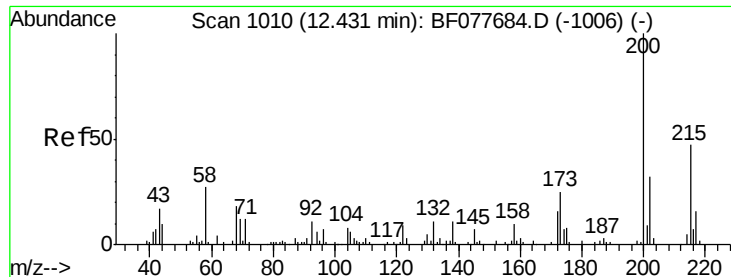
mohammad  
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#67  
Hexachlorobenzene  
Concen: 2.48 ng  
RT: 12.27 min Scan# 996  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 17.9  | 20.4  | 30.6# |
| 249     | 24.0  | 23.8  | 35.6  |





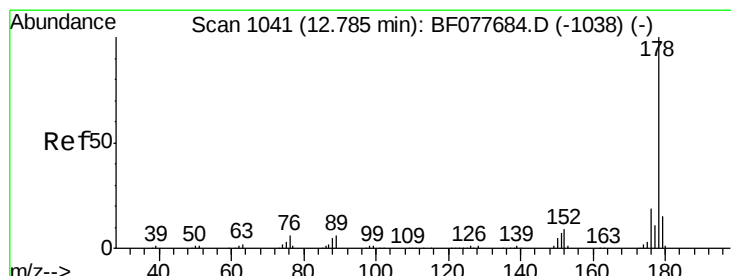
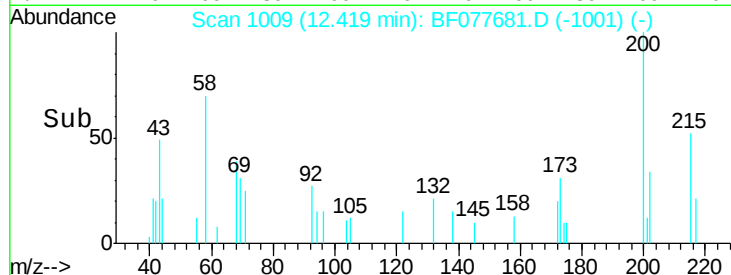
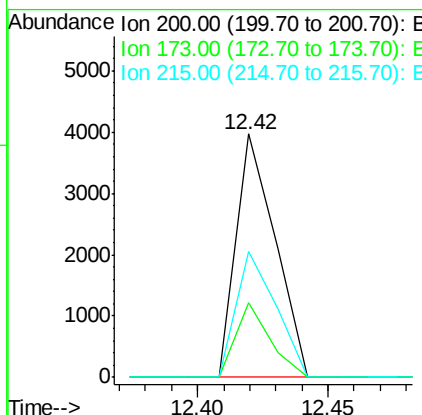
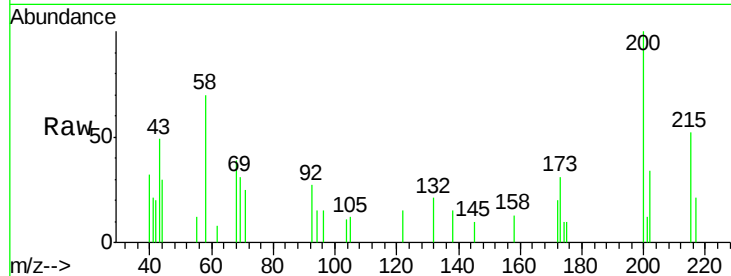
#68  
Atrazine  
Concen: 2.15 ng  
RT: 12.42 min Scan# 1009  
Delta R.T. -0.01 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampled :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 30.6  | 4.8   | 44.8  |
| 215     | 51.6  | 26.9  | 66.9  |

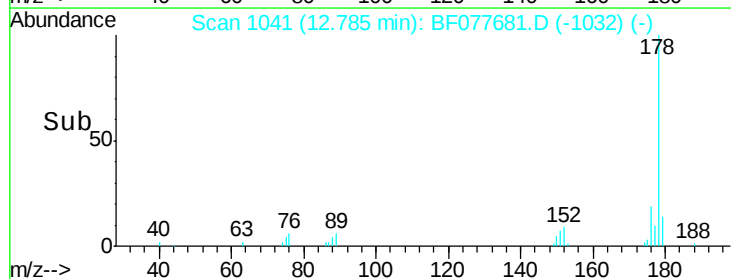
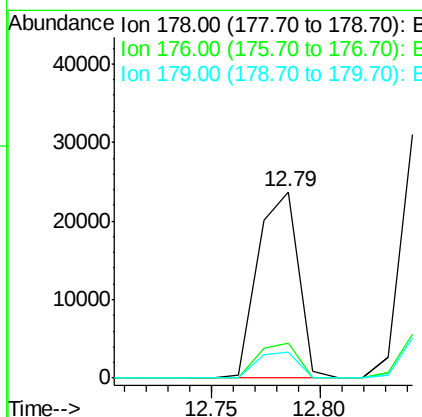
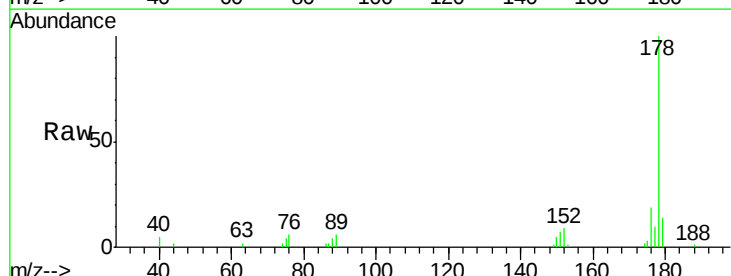
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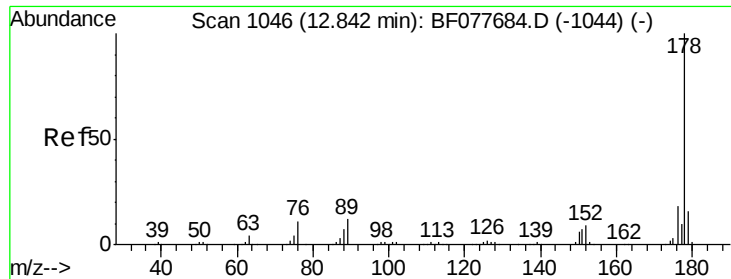
mohammad  
3/13/2015 9:39:35 AM



#70  
Phenanthrene  
Concen: 2.70 ng  
RT: 12.79 min Scan# 1041  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 15.2  | 22.8  |
| 179     | 14.1  | 12.1  | 18.1  |





#71

Anthracene

Concen: 2.67 ng

RT: 12.84 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

Instrument :

BNA\_F

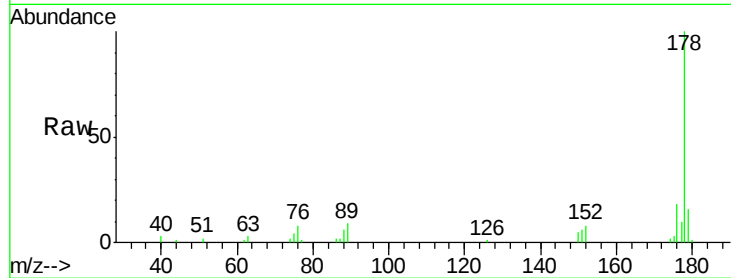
ClientSampleId :

SSTDICC2.5

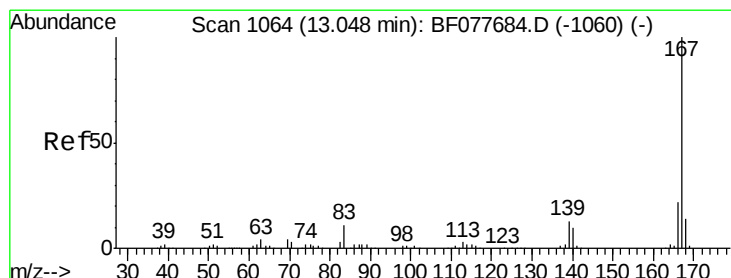
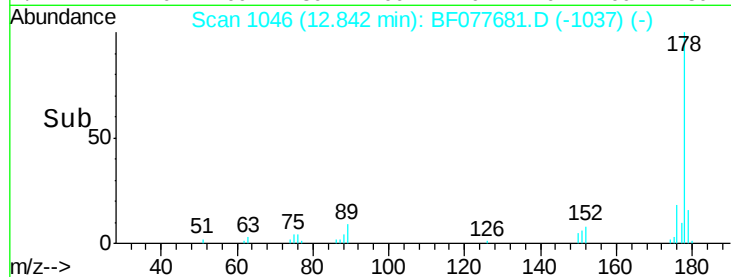
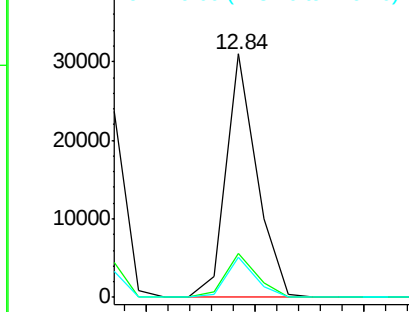
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 178   | Resp: | 30243 |
| Ion Ratio | Lower | Upper |       |
| 178       | 100   |       |       |
| 176       | 18.3  | 14.6  | 22.0  |
| 179       | 16.4  | 12.6  | 19.0  |

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



#72

Carbazole

Concen: 2.86 ng

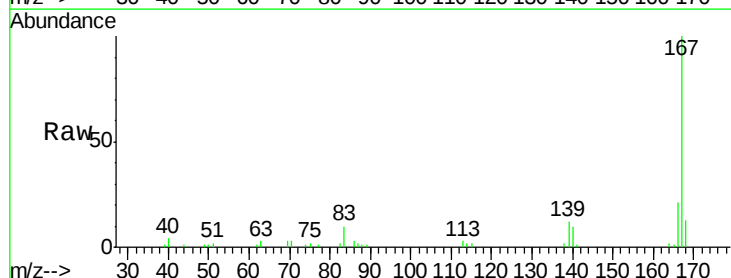
RT: 13.05 min Scan# 1064

Delta R.T. 0.00 min

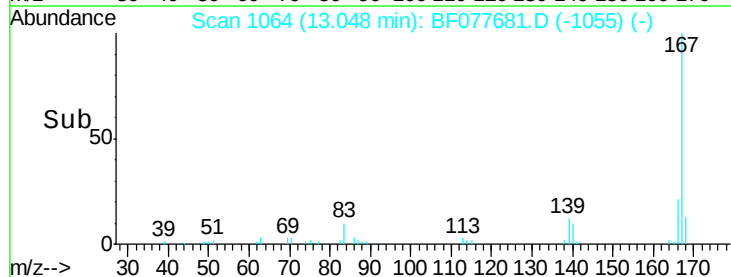
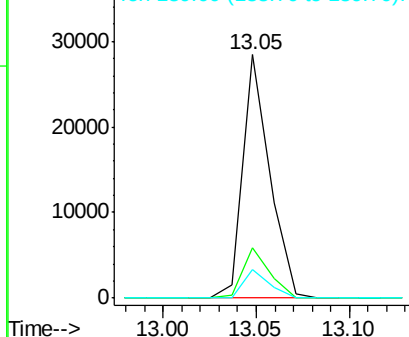
Lab File: BF077681.D

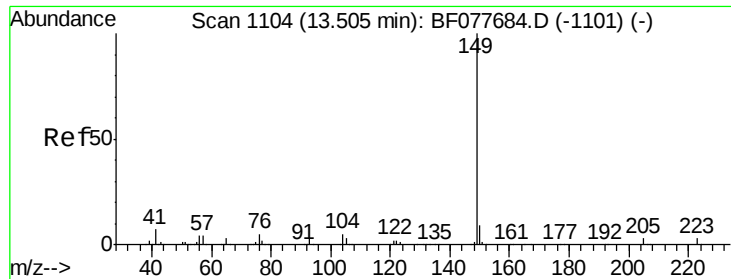
Acq: 11 Mar 2015 11:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 167   | Resp: | 28540 |
| Ion Ratio | Lower | Upper |       |
| 167       | 100   |       |       |
| 166       | 20.7  | 17.2  | 25.8  |
| 139       | 11.9  | 10.8  | 16.2  |



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





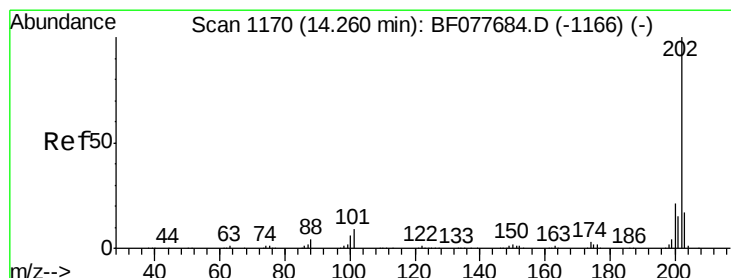
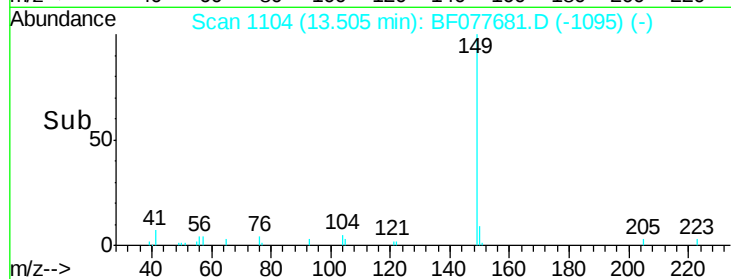
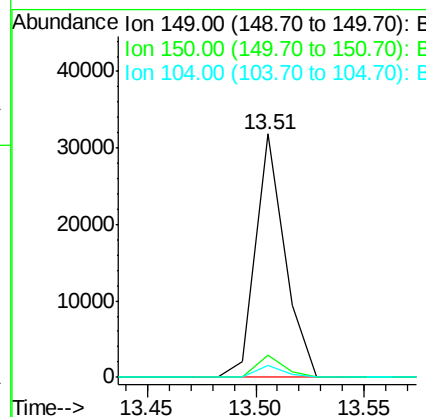
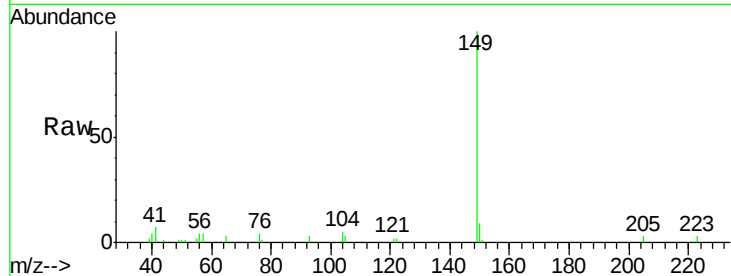
#73  
Di-n-butylphthalate  
Concen: 2.44 ng  
RT: 13.51 min Scan# 1104  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 149     | 100   | 29747 |       |       |
| 150     | 8.9   |       | 7.5   | 11.3  |
| 104     | 4.7   |       | 3.7   | 5.5   |

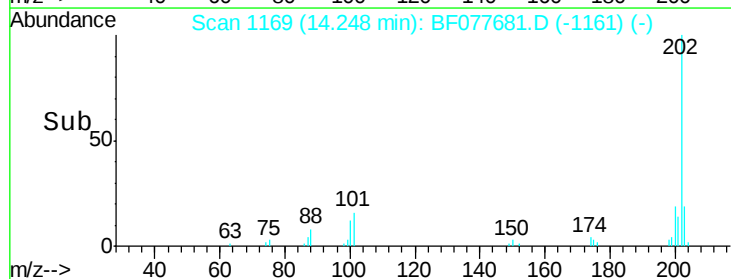
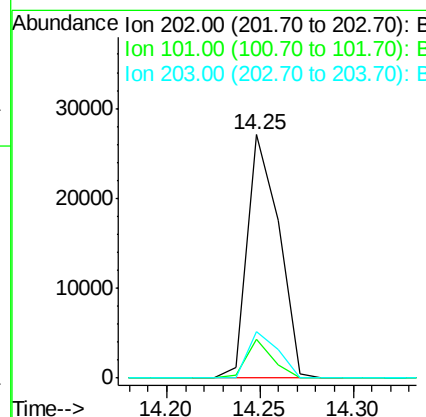
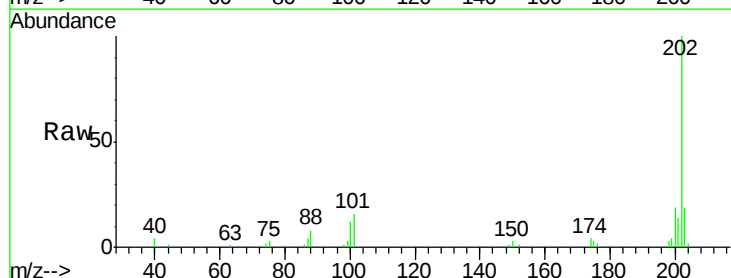
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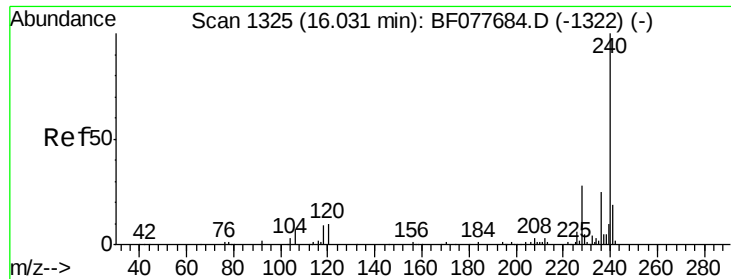
mohammad  
3/13/2015 9:39:35 AM



#74  
Fluoranthene  
Concen: 2.69 ng  
RT: 14.25 min Scan# 1169  
Delta R.T. -0.01 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 202     | 100   | 31729 |       |       |
| 101     | 15.9  |       | 0.0   | 28.7  |
| 203     | 18.9  |       | 0.0   | 37.2  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.03 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

Instrument :

BNA\_F

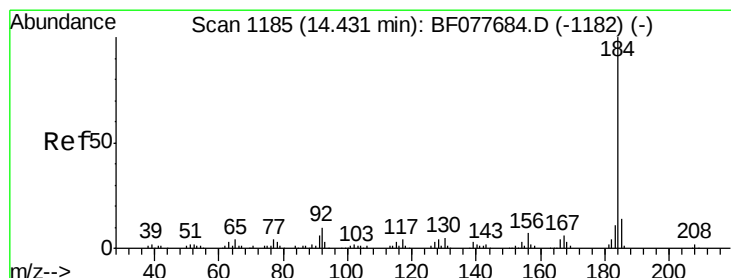
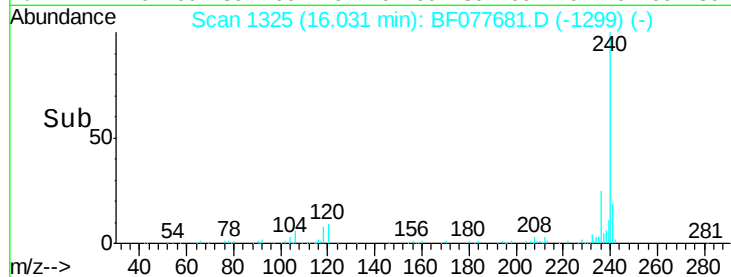
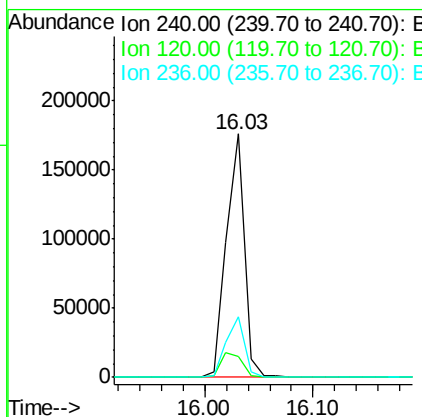
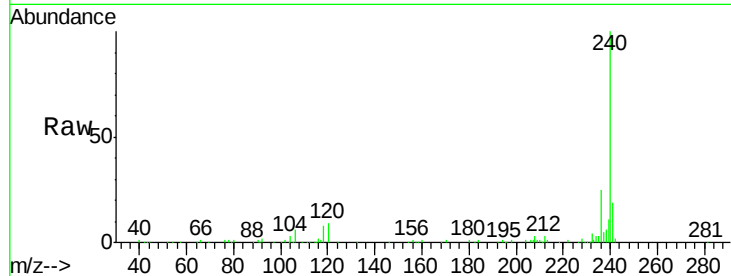
ClientSampleId :

SSTDICC2.5

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 202719 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.5   | 8.2   | 12.2   |
| 236       | 24.7  | 20.0  | 30.0   |

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#76

Benzidine

Concen: 3.78 ng

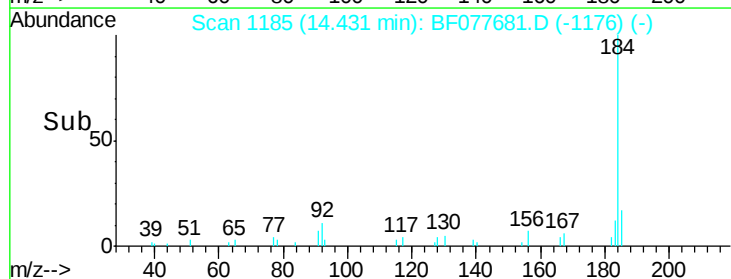
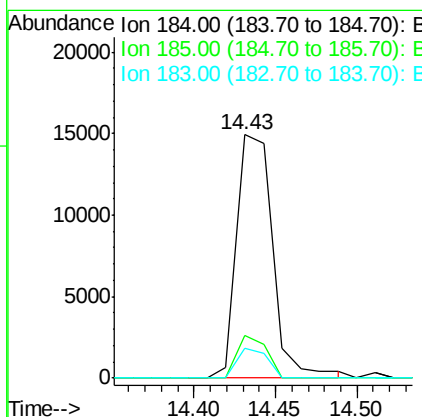
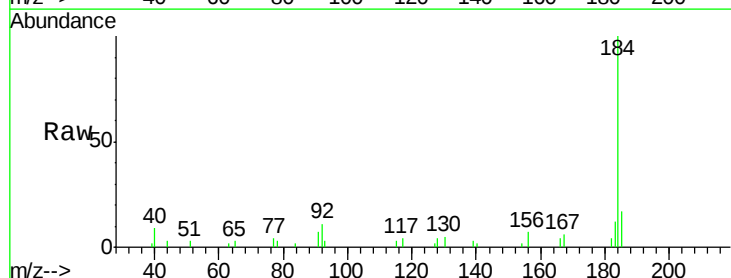
RT: 14.43 min Scan# 1185

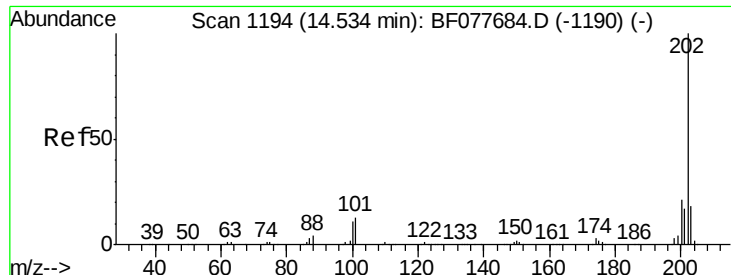
Delta R.T. 0.00 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 184   | Resp: | 22759 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 185       | 17.4  | 11.3  | 16.9# |
| 183       | 12.5  | 8.9   | 13.3  |





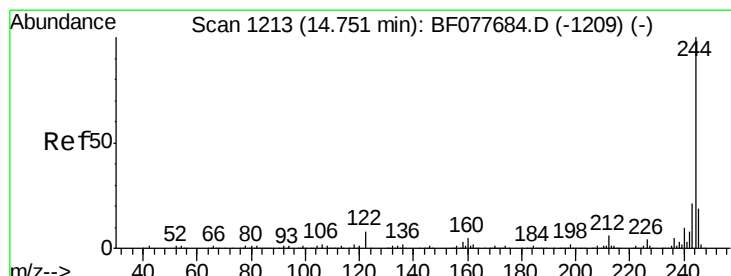
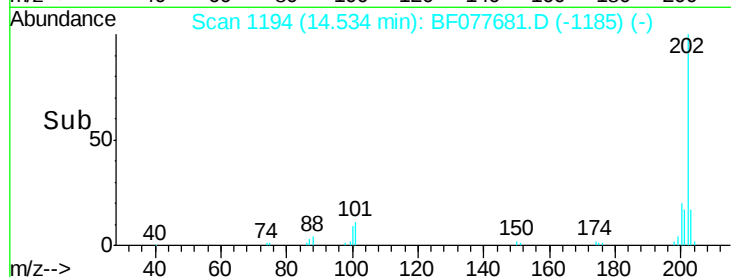
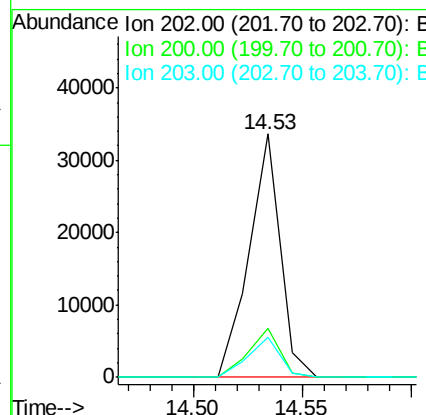
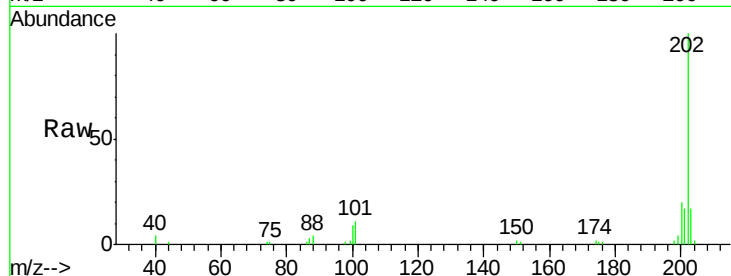
#77  
Pvrene  
Concen: 2.64 ng  
RT: 14.53 min Scan# 1194  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 20.2  | 16.9       | 25.3  |
| 203     | 16.6  | 14.1       | 21.1  |

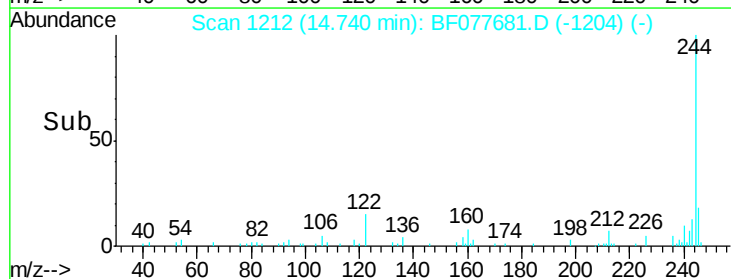
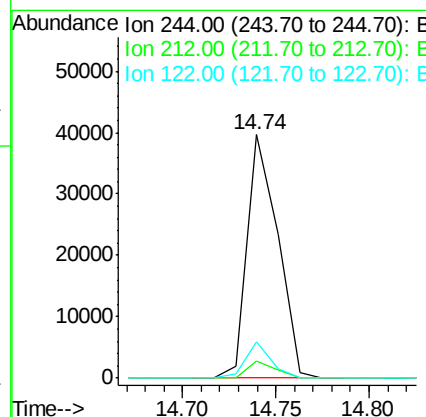
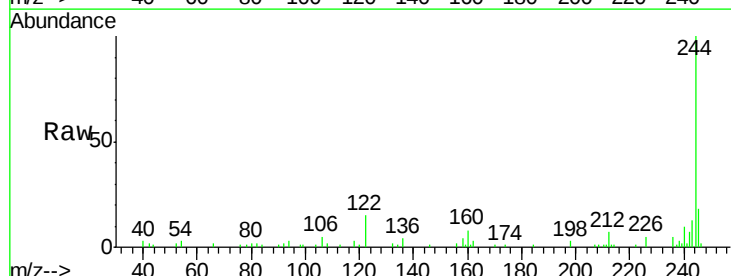
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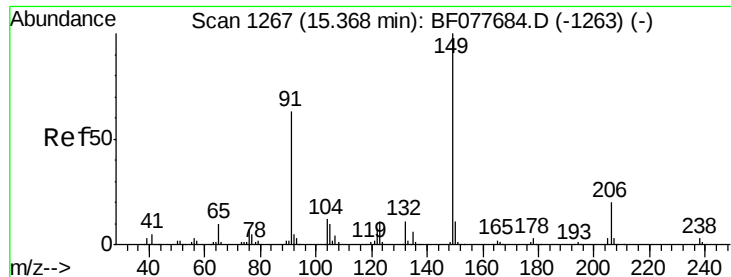
mohammad  
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#78  
Terphenyl-d14  
Concen: 5.11 ng  
RT: 14.74 min Scan# 1212  
Delta R.T. -0.01 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 7.2   | 4.9        | 7.3   |
| 122     | 15.0  | 6.2        | 9.4   |





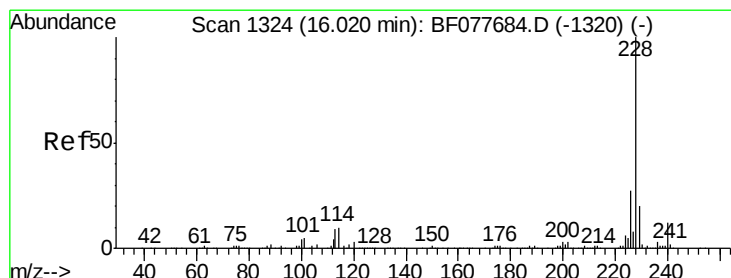
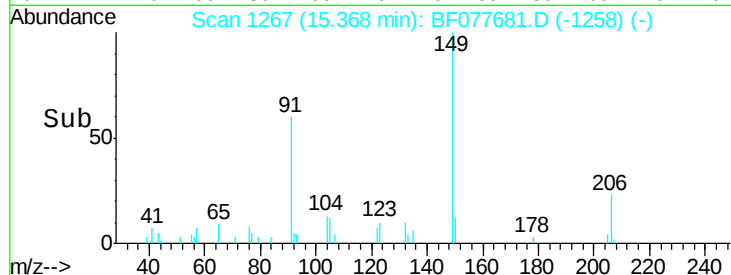
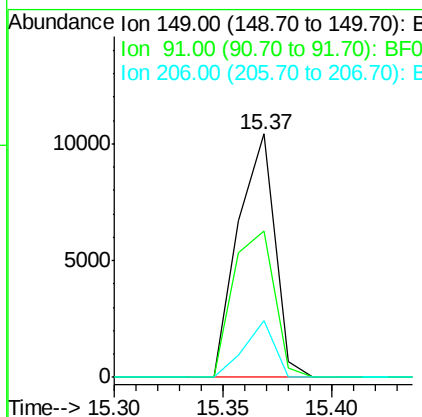
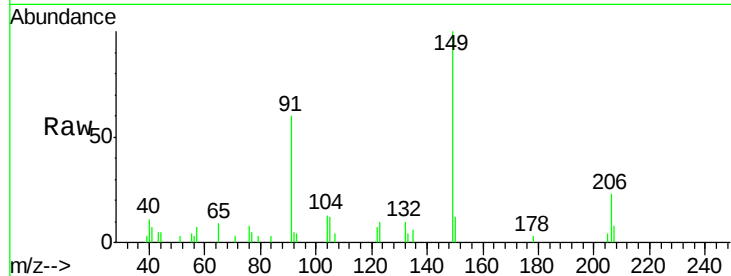
#79  
Butylbenzylphthalate  
Concen: 2.70 ng  
RT: 15.37 min Scan# 1267  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 149   | Resp: | 12215 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 91        | 59.9  | 50.1  | 75.1  |
| 206       | 23.3  | 16.2  | 24.2  |

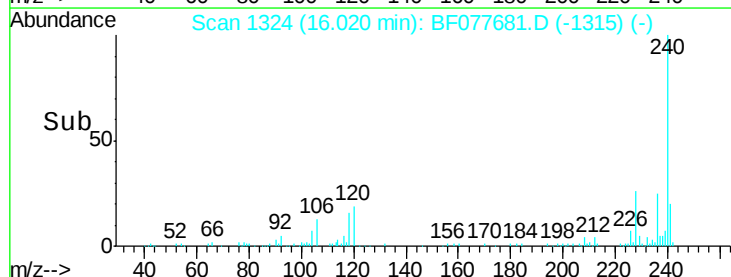
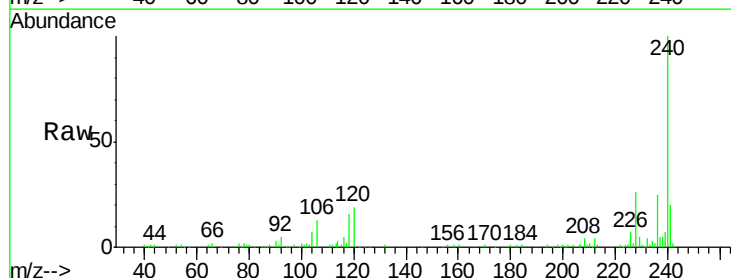
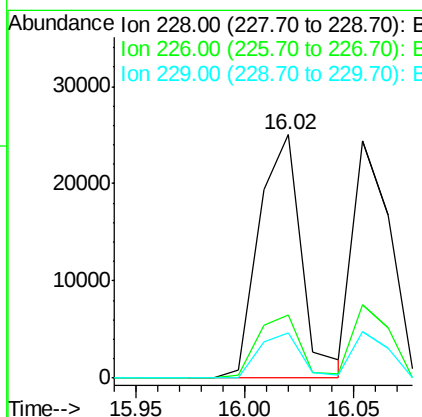
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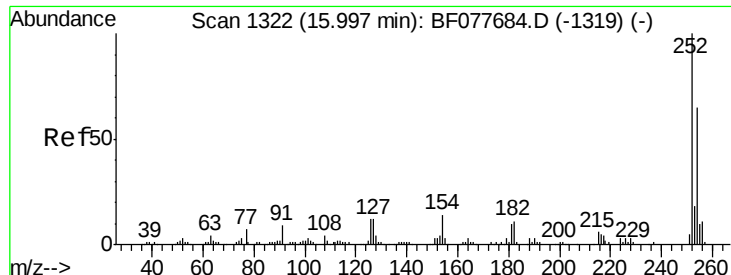
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#80  
Benzo(a)anthracene  
Concen: 2.91 ng  
RT: 16.02 min Scan# 1324  
Delta R.T. 0.00 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 34173 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 25.9  | 21.7  | 32.5  |
| 229       | 18.6  | 16.0  | 24.0  |





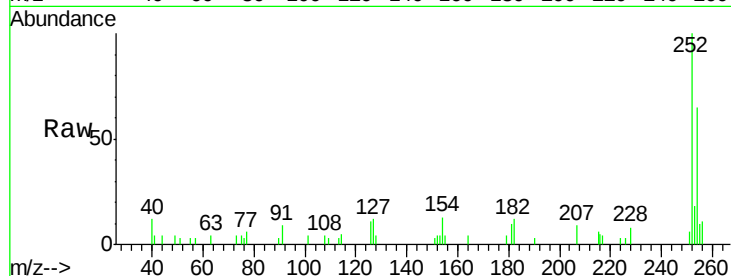
#81  
 3,3'-Dichlorobenzidine  
 Concen: 2.73 ng  
 RT: 16.00 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

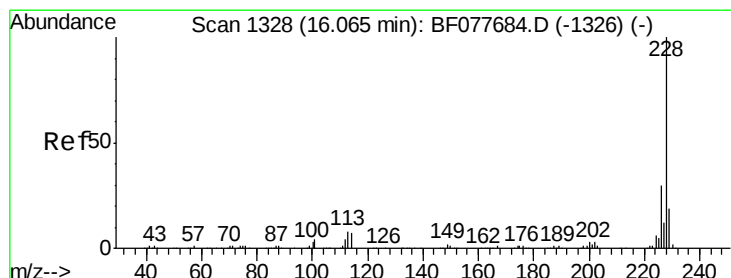
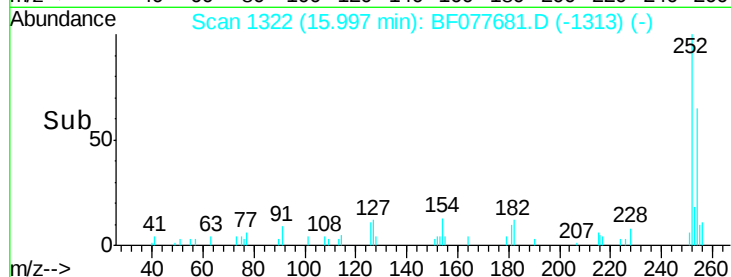
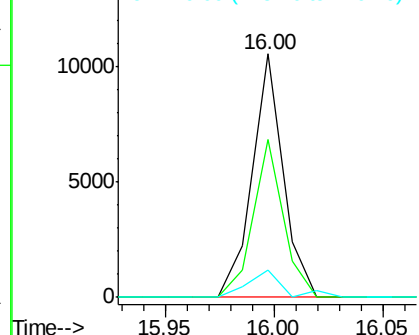
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.0  | 51.9  | 77.9  |
| 126     | 11.3  | 9.8   | 14.8  |

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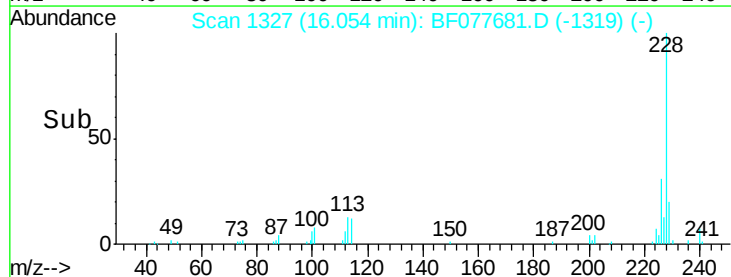
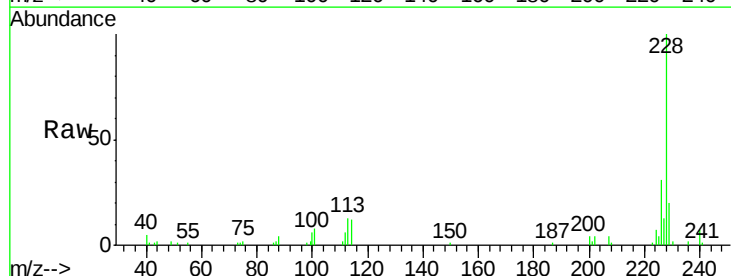
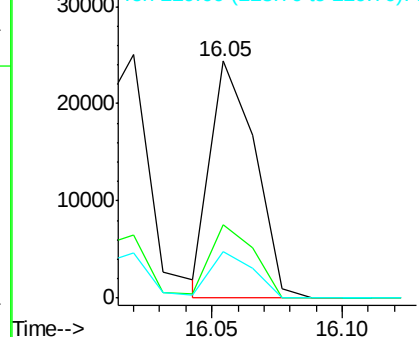
Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

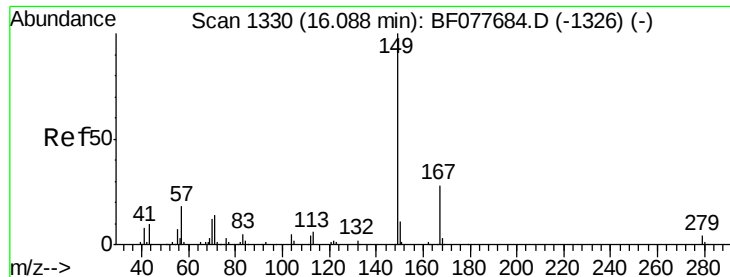


#82  
 Chrysene  
 Concen: 2.61 ng  
 RT: 16.05 min Scan# 1327  
 Delta R.T. -0.01 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.0  | 24.1  | 36.1  |
| 229     | 19.6  | 15.5  | 23.3  |

Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.55 ng

RT: 16.08 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

Instrument :

BNA\_F

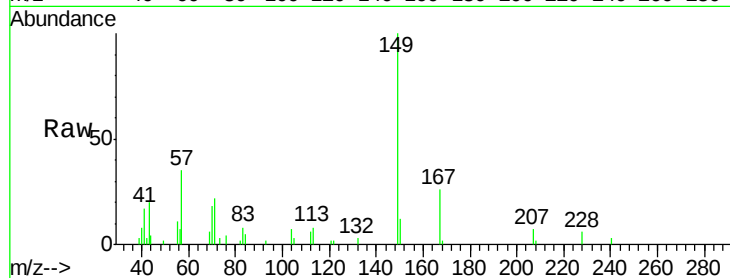
ClientSampleId :

SSTDICC2.5

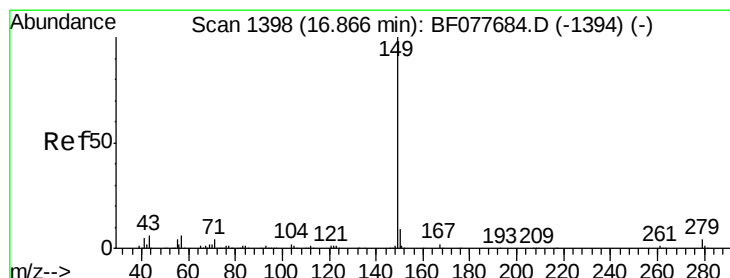
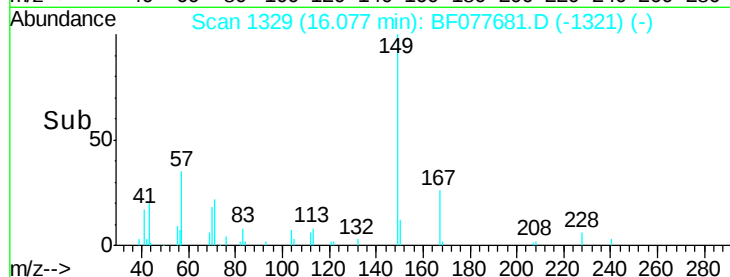
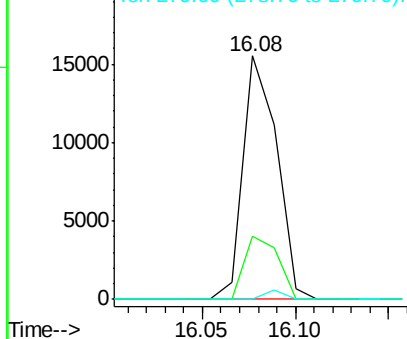
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 149   | Resp: | 19487 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 26.0  | 22.4  | 33.6  |
| 279       | 0.0   | 3.4   | 5.0#  |

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



#84

Di-n-octyl phthalate

Concen: 2.80 ng

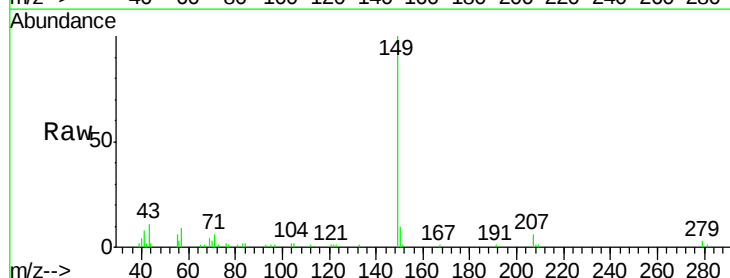
RT: 16.85 min Scan# 1397

Delta R.T. -0.01 min

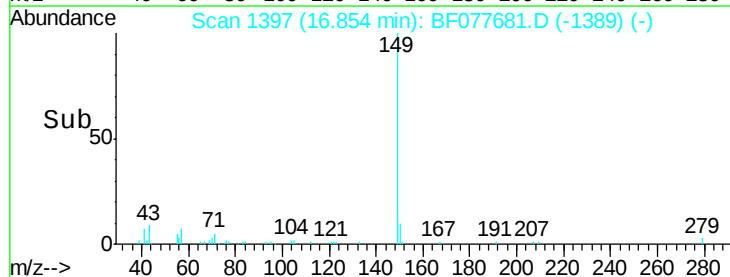
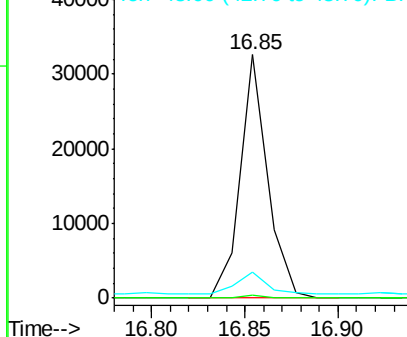
Lab File: BF077681.D

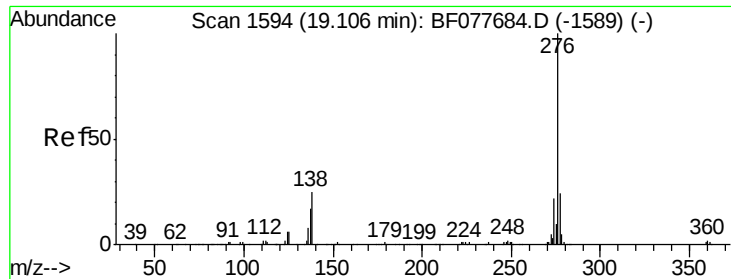
Acq: 11 Mar 2015 11:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 33365 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 0.8   | 1.2   | 1.8#  |
| 43        | 10.0  | 7.3   | 10.9  |



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





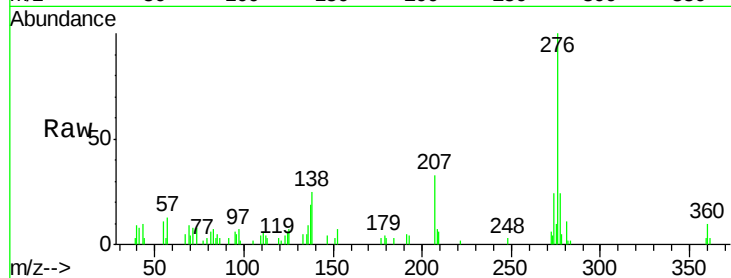
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 2.73 ng  
RT: 19.08 min Scan# 1592  
Delta R.T. -0.02 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

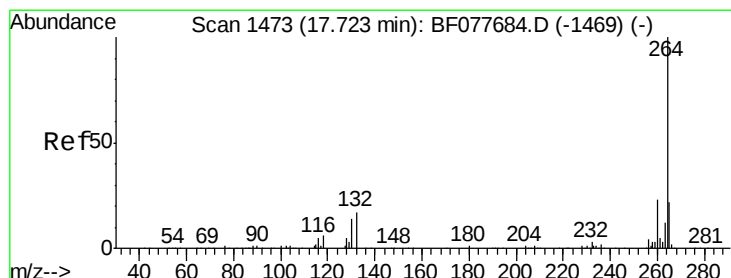
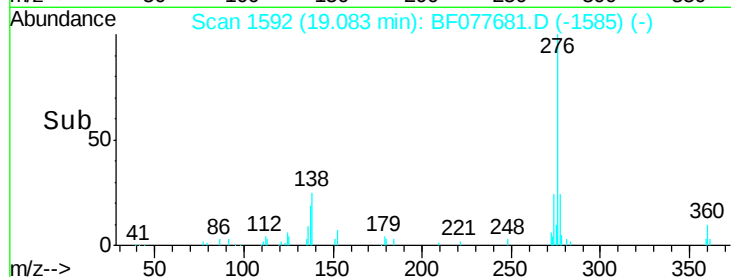
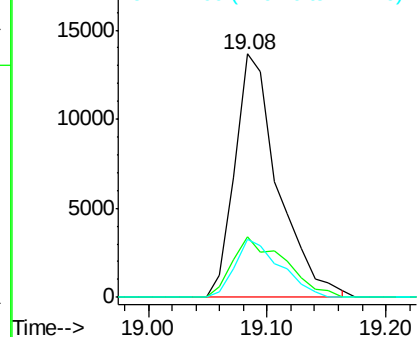
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 30.3  | 0.0   | 0.0#  |
| 277     | 25.1  | 0.0   | 0.0#  |

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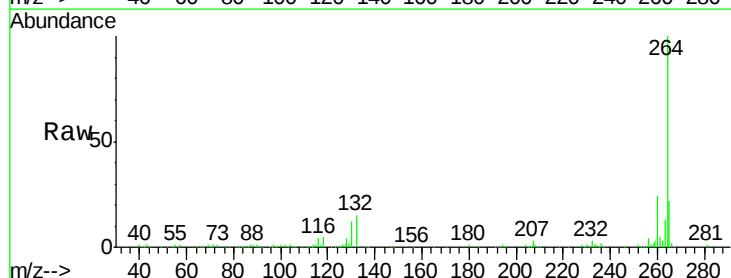


Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

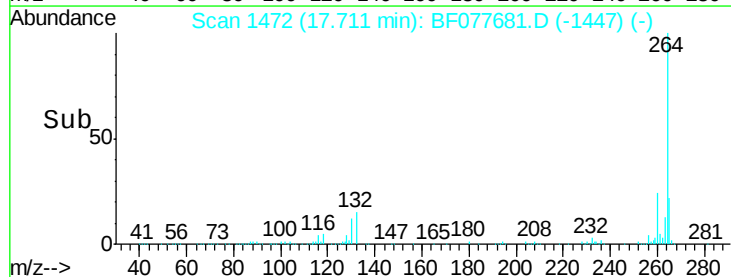
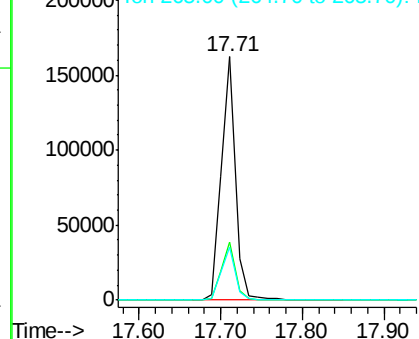


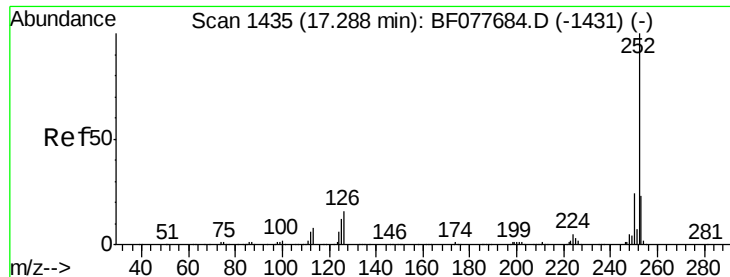
#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 17.71 min Scan# 1472  
Delta R.T. -0.01 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 18.6  | 27.8  |
| 265     | 21.5  | 17.3  | 25.9  |



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.85 ng

RT: 17.28 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

Instrument :

BNA\_F

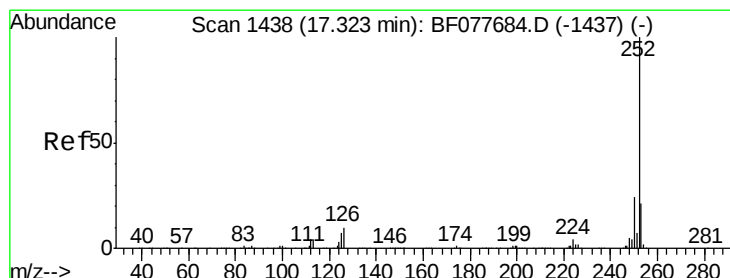
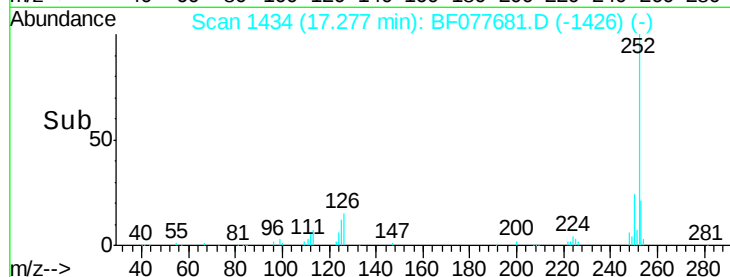
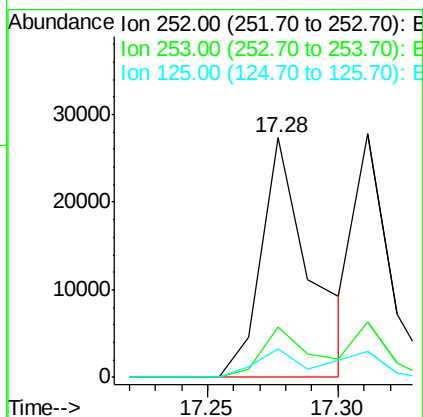
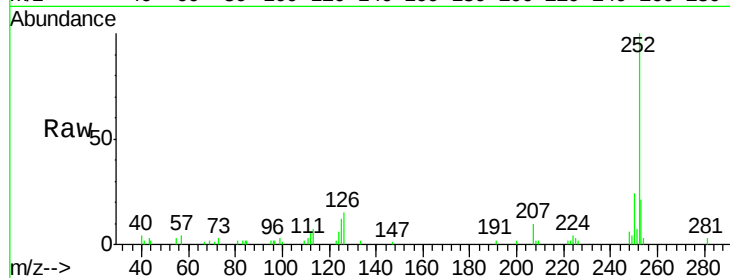
ClientSampleId :

SSTDICC2.5

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 252   | Resp: | 35859 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 21.3  | 18.0  | 27.0  |
| 125       | 11.9  | 9.9   | 14.9  |

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#88

Benzo(k)fluoranthene

Concen: 2.51 ng m

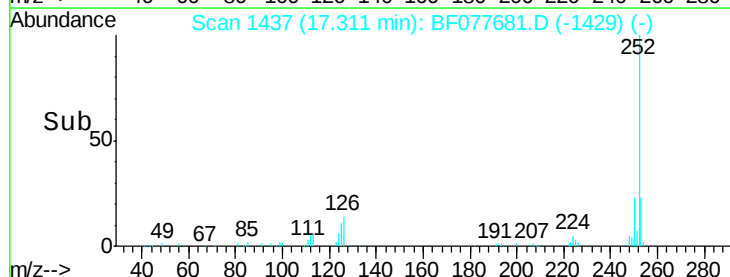
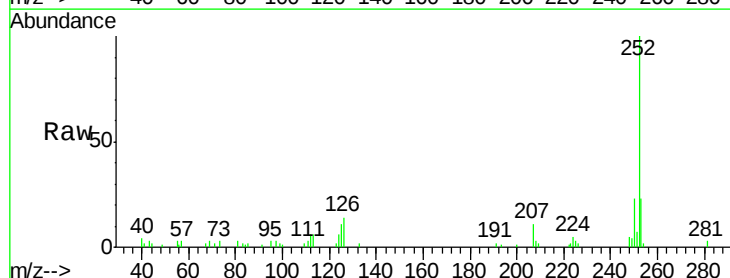
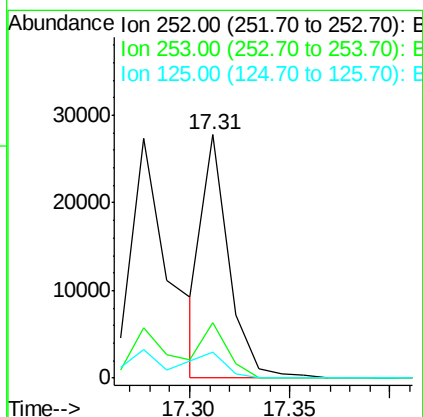
RT: 17.31 min Scan# 1437

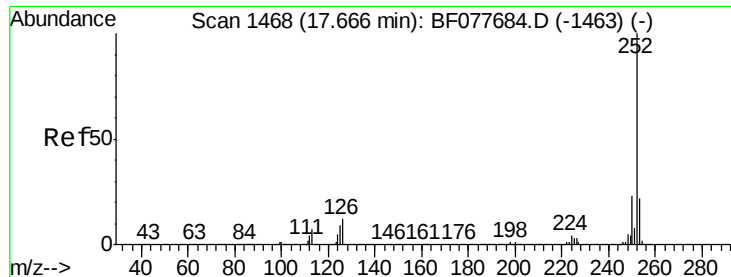
Delta R.T. -0.01 min

Lab File: BF077681.D

Acq: 11 Mar 2015 11:10

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 25303 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 253       | 22.9  | 17.2  | 25.8  |
| 125       | 10.5  | 8.1   | 12.1  |





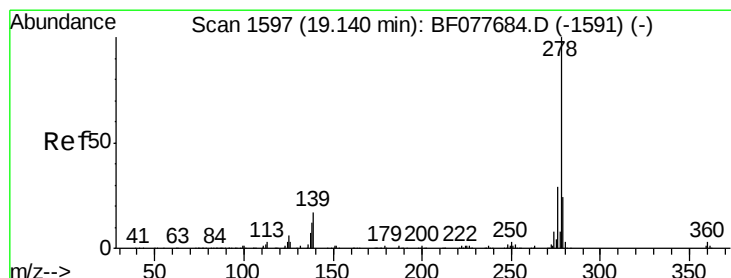
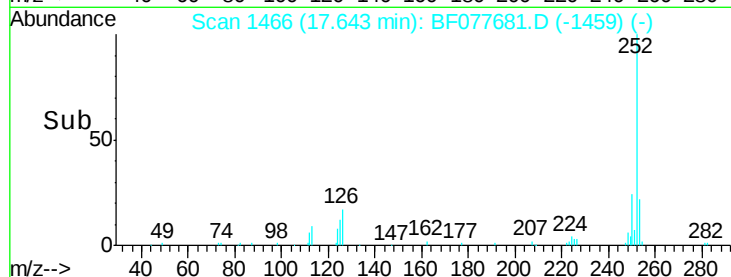
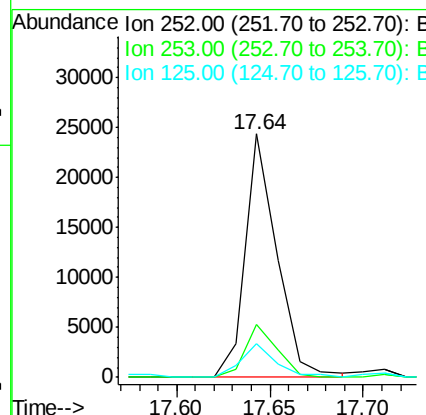
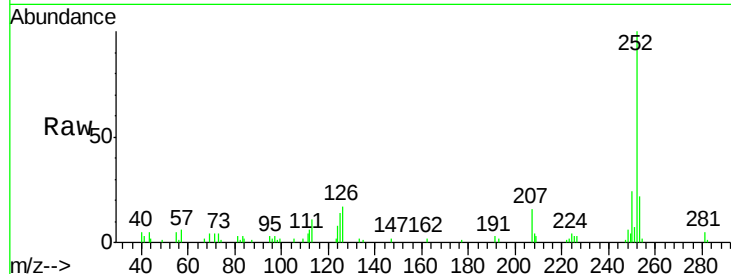
#89  
Benzo(a)pyrene  
Concen: 2.66 ng  
RT: 17.64 min Scan# 1466  
Delta R.T. -0.02 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC2.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 17.6  | 26.4  |
| 125     | 13.7  | 7.4   | 11.2  |

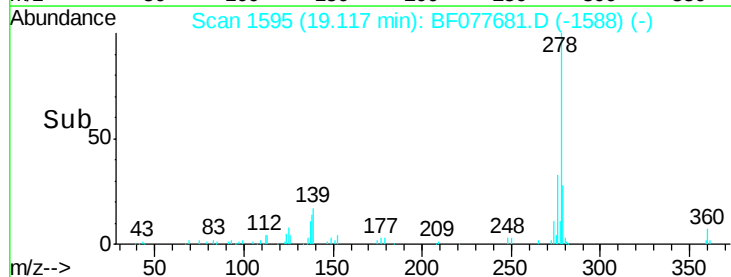
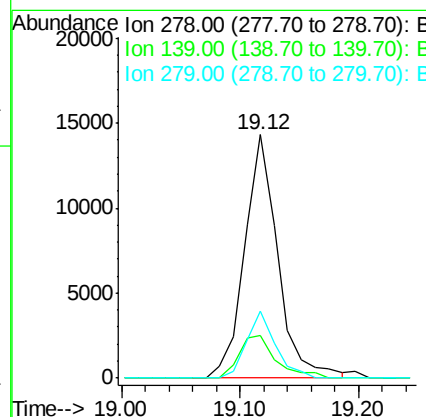
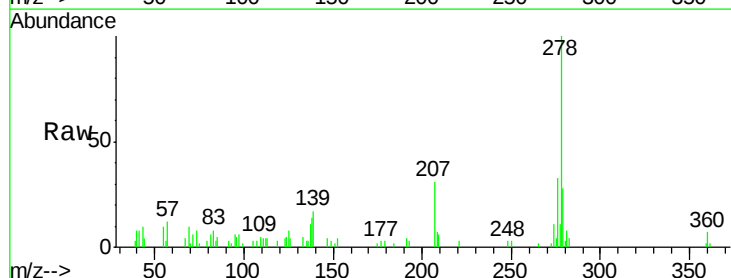
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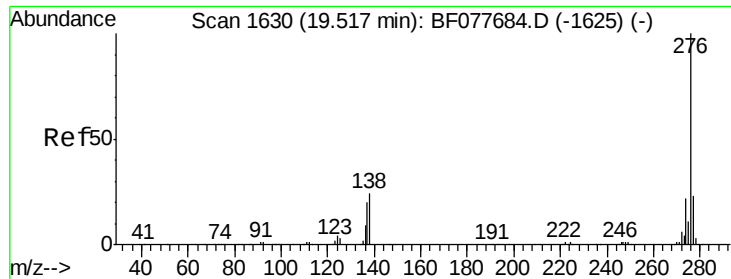
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#90  
Dibenzo(a,h)anthracene  
Concen: 2.57 ng  
RT: 19.12 min Scan# 1595  
Delta R.T. -0.02 min  
Lab File: BF077681.D  
Acq: 11 Mar 2015 11:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 17.3  | 13.4  | 20.0  |
| 279     | 27.8  | 19.0  | 28.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 2.57 ng  
 RT: 19.49 min Scan# 1628  
 Delta R.T. -0.02 min  
 Lab File: BF077681.D  
 Acq: 11 Mar 2015 11:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC2.5

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 276   | Resp: | 28164 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 25.9  | 18.5  | 27.7  |
| 138       | 24.1  | 19.0  | 28.6  |

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