

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\  
 Data File : BF083704.D  
 Acq On : 11 Dec 2015 18:06  
 Operator : UM/IZ  
 Sample : SSTDICC080  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

Manual Integrations  
 APPROVED

MMdadoda  
 12/14/2015 6:22:24 PM

Quant Time: Dec 11 19:23:54 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 11 18:27:49 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.93  | 152  | 139126   | 20.00 | ng    | 0.01     |
| 21) Naphthalene-d8        | 8.21  | 136  | 534450   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.96  | 164  | 243124   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.45 | 188  | 476336   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.08 | 240  | 300717   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.52 | 264  | 282319   | 20.00 | ng    | 0.01     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.53  | 112 | 1173696 | 62.99 | ng | 0.00 |
| 7) Phenol-d6             | 6.56  | 99  | 1591696 | 70.07 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.49  | 82  | 1307010 | 83.43 | ng | 0.01 |
| 41) 2,4,6-Tribromophenol | 10.75 | 330 | 368960  | 78.13 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.30  | 172 | 2302928 | 68.30 | ng | 0.01 |
| 78) Terphenyl-d14        | 13.02 | 244 | 2034427 | 75.33 | ng | 0.00 |

## Target Compounds

|                                |      |     |          |        |    | Qvalue |
|--------------------------------|------|-----|----------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.57 | 88  | 329593   | 73.77  | ng | # 86   |
| 3) Pyridine                    | 3.31 | 79  | 881124   | 76.25  | ng | 89     |
| 4) n-Nitrosodimethylamine      | 3.26 | 42  | 359626   | 76.59  | ng | # 78   |
| 6) Aniline                     | 6.59 | 93  | 1099595  | 70.81  | ng | # 87   |
| 8) 2-Chlorophenol              | 6.72 | 128 | 699681   | 69.55  | ng | 88     |
| 9) Benzaldehyde                | 6.48 | 77  | 344049   | 53.32  | ng | 86     |
| 10) Phenol                     | 6.57 | 94  | 837455   | 62.61  | ng | 88     |
| 11) bis(2-Chloroethyl)ether    | 6.67 | 93  | 712257   | 74.55  | ng | 87     |
| 12) 1,3-Dichlorobenzene        | 6.88 | 146 | 798138   | 72.23  | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 6.94 | 146 | 733349   | 64.83  | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.10 | 146 | 706012   | 68.30  | ng | 99     |
| 15) Benzyl Alcohol             | 7.07 | 79  | 555053   | 69.49  | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.21 | 45  | 912274   | 68.17  | ng | 67     |
| 17) 2-Methylphenol             | 7.18 | 107 | 598743   | 74.37  | ng | # 84   |
| 18) Hexachloroethane           | 7.45 | 117 | 266136   | 70.19  | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 7.36 | 70  | 467020   | 70.63  | ng | 89     |
| 20) 3+4-Methylphenols          | 7.33 | 107 | 657642   | 65.28  | ng | # 70   |
| 22) Acetophenone               | 7.34 | 105 | 894594   | 68.58  | ng | # 99   |
| 24) Nitrobenzene               | 7.52 | 77  | 793183   | 91.87  | ng | # 86   |
| 25) Isophorone                 | 7.76 | 82  | 1348267  | 76.00  | ng | 95     |
| 26) 2-Nitrophenol              | 7.82 | 139 | 321149   | 99.53  | ng | 91     |
| 27) 2,4-Dimethylphenol         | 7.87 | 122 | 699126   | 79.02  | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 7.96 | 93  | 677839   | 65.56  | ng | # 97   |
| 29) 2,4-Dichlorophenol         | 8.06 | 162 | 561237   | 76.35  | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 8.16 | 180 | 576586   | 69.94  | ng | 98     |
| 31) Naphthalene                | 8.24 | 128 | 1709492m | 62.81  | ng |        |
| 32) Benzoic acid               | 8.01 | 122 | 497942   | 126.00 | ng | 90     |
| 33) 4-Chloroaniline            | 8.28 | 127 | 815653   | 73.43  | ng | # 90   |
| 34) Hexachlorobutadiene        | 8.36 | 225 | 326957   | 71.58  | ng | 97     |
| 35) Caprolactam                | 8.67 | 113 | 209094   | 90.78  | ng | # 60   |
| 36) 4-Chloro-3-methylphenol    | 8.76 | 107 | 607858   | 75.42  | ng | 91     |
| 37) 2-Methylnaphthalene        | 8.92 | 142 | 1198440  | 70.81  | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.09 | 216 | 490651   | 62.69  | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 9.09 | 237 | 307564   | 86.74  | ng | 97     |

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Manual Integrations  
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Quant Time: Dec 11 19:23:54 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 11 18:27:49 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.21  | 196  | 404634   | 77.50  | nq    | 95       |
| 43) 2,4,5-Trichlorophenol      | 9.24  | 196  | 412531   | 82.65  | nq    | 96       |
| 45) 1,1'-Biphenyl              | 9.39  | 154  | 1318542  | 59.96  | nq    | 97       |
| 46) 2-Chloronaphthalene        | 9.41  | 162  | 1074413  | 65.48  | nq    | # 93     |
| 47) 2-Nitroaniline             | 9.50  | 65   | 374004   | 109.42 | nq    | # 77     |
| 48) Acenaphthylene             | 9.84  | 152  | 1938740  | 72.65  | nq    | 98       |
| 49) Dimethylphthalate          | 9.70  | 163  | 1434334  | 76.15  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.74  | 165  | 283580   | 86.99  | nq    | 97       |
| 51) Acenaphthene               | 10.01 | 154  | 1184781  | 75.35  | nq    | 98       |
| 52) 3-Nitroaniline             | 9.92  | 138  | 339426   | 93.35  | nq    | 81       |
| 54) Dibenzofuran               | 10.18 | 168  | 1513768  | 71.84  | nq    | 100      |
| 55) 4-Nitrophenol              | 10.06 | 139  | 273076   | 86.09  | nq    | 90       |
| 56) 2,4-Dinitrotoluene         | 10.14 | 165  | 409753   | 102.17 | nq    | # 89     |
| 57) Fluorene                   | 10.51 | 166  | 1067920  | 62.82  | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.29 | 232  | 289933   | 77.75  | nq    | # 100    |
| 59) Diethylphthalate           | 10.40 | 149  | 1336601  | 75.65  | nq    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.51 | 204  | 576621   | 72.33  | nq    | 93       |
| 61) 4-Nitroaniline             | 10.53 | 138  | 345188   | 102.19 | nq    | 97       |
| 62) Azobenzene                 | 10.67 | 77   | 1342366  | 80.50  | nq    | 91       |
| 65) n-Nitrosodiphenylamine     | 10.62 | 169  | 1000648  | 61.15  | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 11.00 | 248  | 376569   | 73.05  | nq    | # 84     |
| 67) Hexachlorobenzene          | 11.07 | 284  | 418802   | 74.82  | nq    | # 73     |
| 68) Atrazine                   | 11.15 | 200  | 319087   | 69.42  | nq    | 98       |
| 69) Pentachlorophenol          | 11.25 | 266  | 272737   | 89.64  | nq    | 97       |
| 70) Phenanthrene               | 11.47 | 178  | 1570217  | 58.02  | nq    | 96       |
| 71) Anthracene                 | 11.53 | 178  | 1873203  | 68.33  | nq    | 97       |
| 72) Carbazole                  | 11.68 | 167  | 1759933  | 70.17  | nq    | # 95     |
| 73) Di-n-butylphthalate        | 12.01 | 149  | 1705673  | 61.41  | nq    | 98       |
| 74) Fluoranthene               | 12.66 | 202  | 1909573  | 68.77  | nq    | 96       |
| 76) Benzidine                  | 12.77 | 184  | 802919   | 67.74  | nq    | 96       |
| 77) Pyrene                     | 12.89 | 202  | 1911480  | 80.72  | nq    | 97       |
| 79) Butylbenzylphthalate       | 13.51 | 149  | 663902   | 88.70  | nq    | 87       |
| 80) Benzo(a)anthracene         | 14.07 | 228  | 1188306m | 65.72  | nq    |          |
| 81) 3,3'-Dichlorobenzidine     | 14.03 | 252  | 462129   | 82.97  | nq    | # 96     |
| 82) Chrysene                   | 14.10 | 228  | 1135473m | 65.25  | nq    |          |
| 83) Bis(2-ethylhexyl)phthalate | 14.07 | 149  | 603205   | 72.36  | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.67 | 149  | 1070947  | 94.04  | nq    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 16.96 | 276  | 1581656  | 101.99 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 15.11 | 252  | 1360152  | 77.12  | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.13 | 252  | 1012503m | 60.51  | nq    |          |
| 89) Benzo(a)pyrene             | 15.46 | 252  | 1202580  | 74.65  | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 16.98 | 278  | 1281389  | 81.24  | nq    | 96       |
| 91) Benzo(g,h,i)perylene       | 17.39 | 276  | 1367410  | 82.39  | nq    | 97       |

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

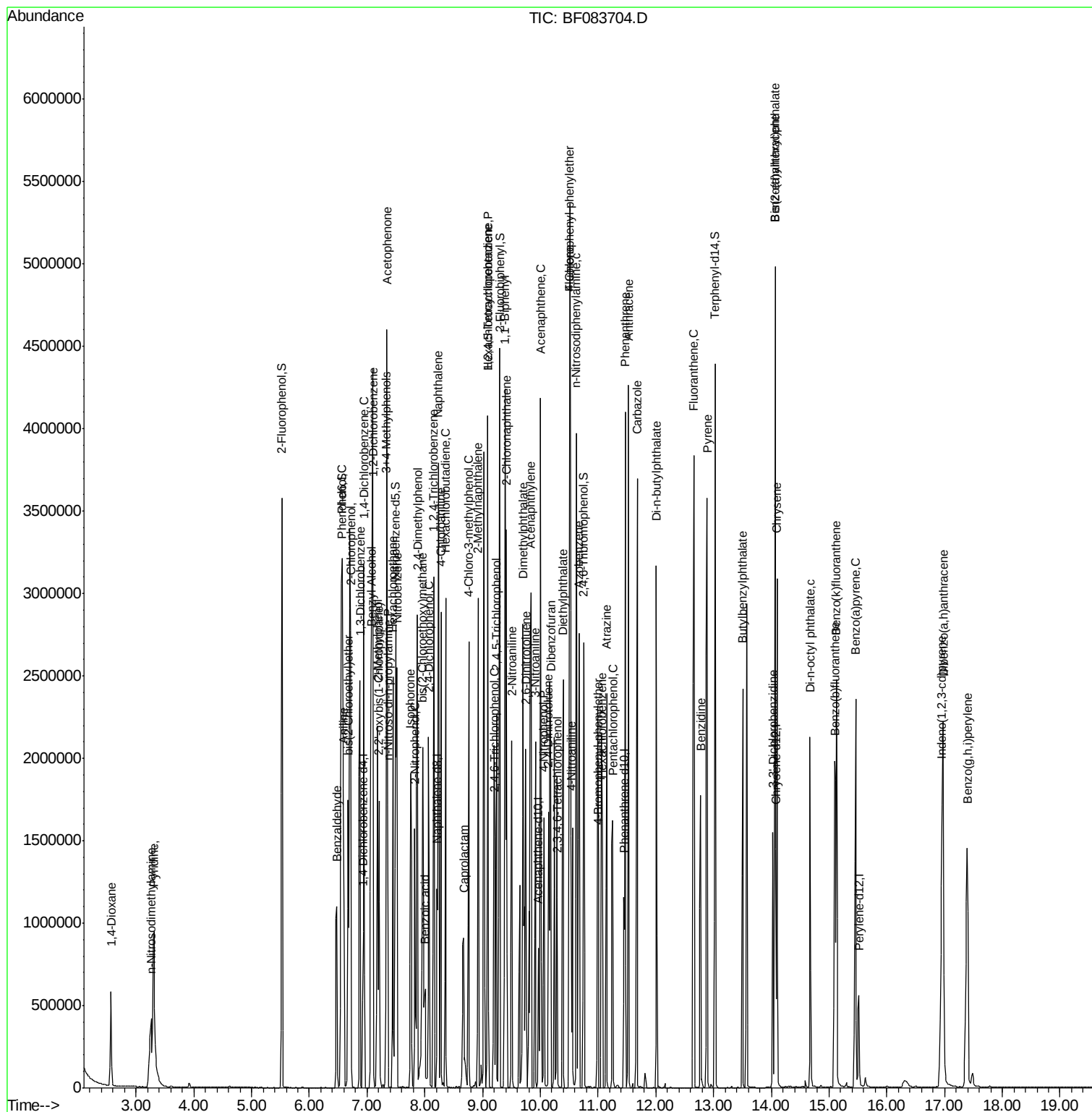
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\  
Data File : BF083704.D  
Acq On    : 11 Dec 2015   18:06  
Operator  : UM/IZ  
Sample    : SSTDICC080  
Misc      :  
ALS Vial  : 9      Sample Multiplier: 1
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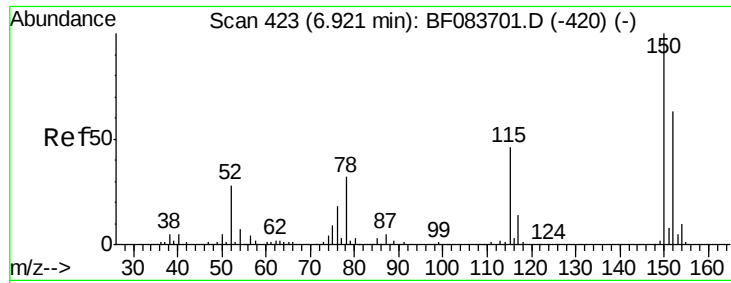
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
SSTDICC080

## Manual Integrations APPROVED

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

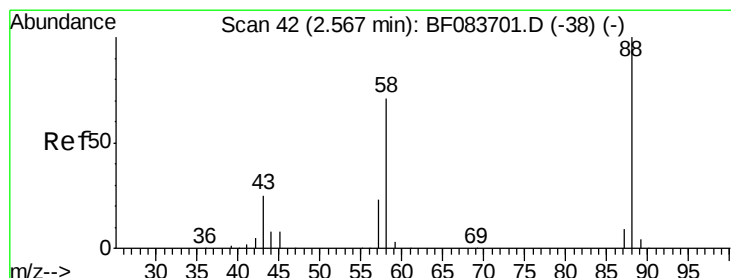
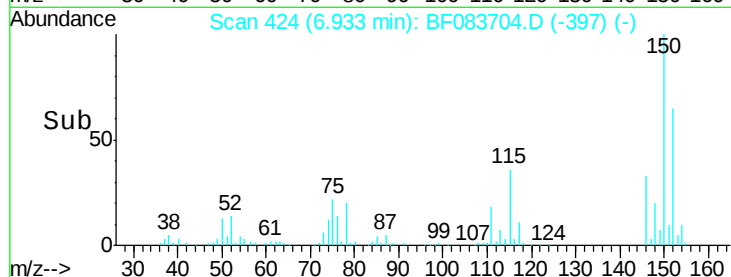
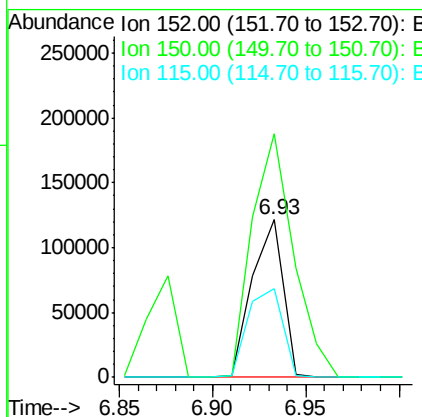
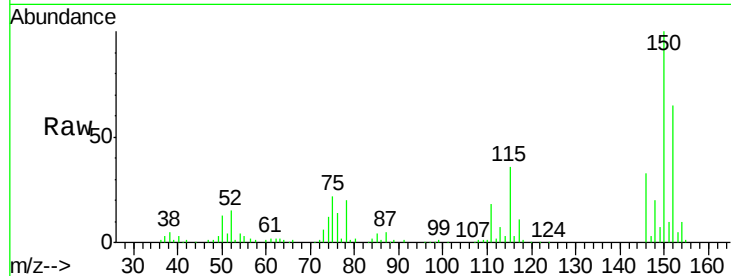
ClientSampleId :

SSTDIC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 139126 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 150       | 154.6 | 126.5 | 189.7  |
| 115       | 56.3  | 52.3  | 78.5   |

Manual Integrations  
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#2

1,4-Dioxane

Concen: 73.77 ng

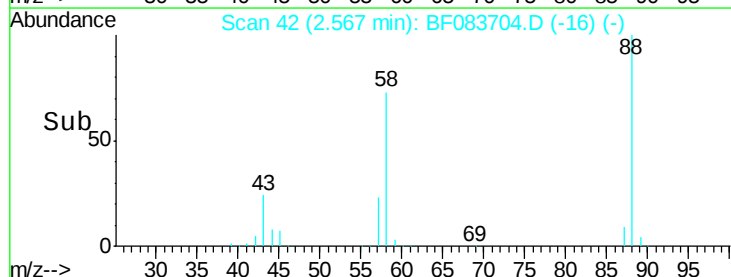
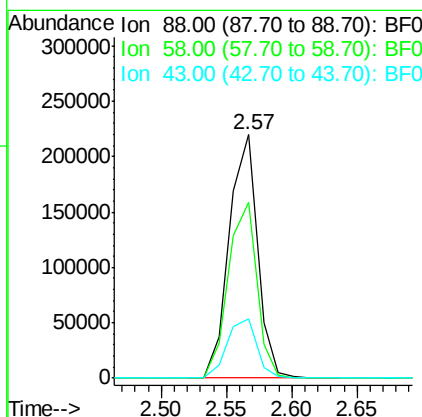
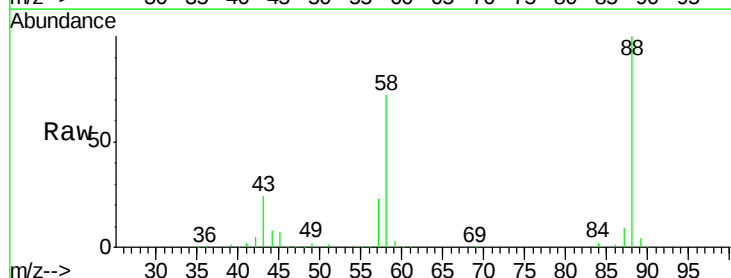
RT: 2.57 min Scan# 42

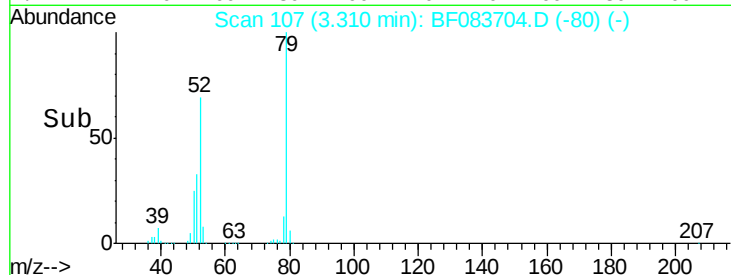
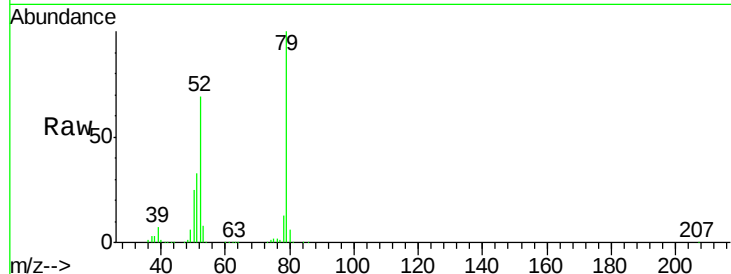
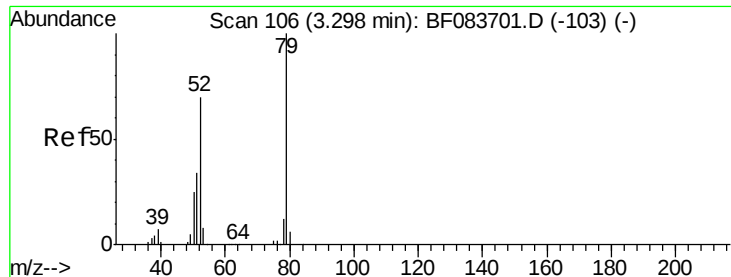
Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 88    | Resp: | 329593 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 58        | 73.5  | 68.0  | 102.0  |
| 43        | 25.7  | 27.9  | 41.9#  |





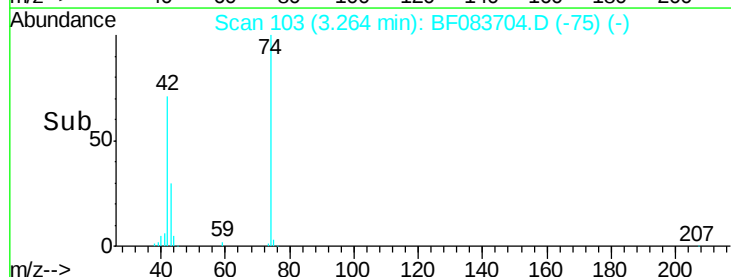
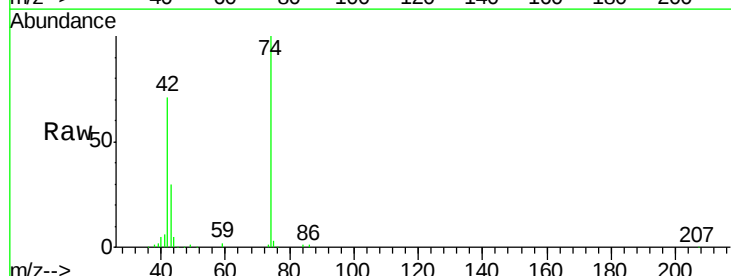
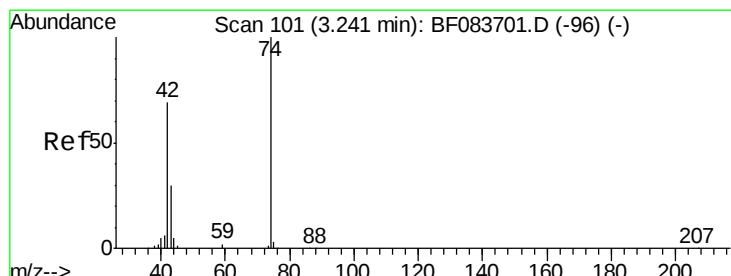
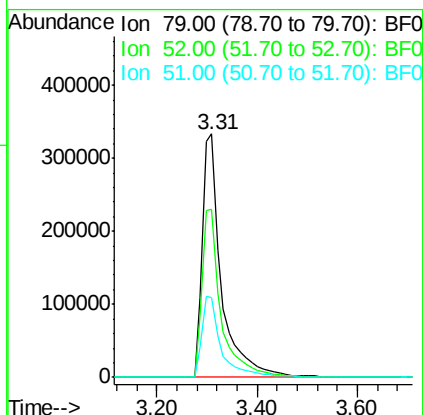
#3  
Pvridine  
Concen: 76.25 ng  
RT: 3.31 min Scan# 107  
Delta R.T. 0.01 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

| Tot Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 79      | 79  | 100   | 881124 |       |       |
| 52      | 52  | 69.1  |        | 63.7  | 95.5  |
| 51      | 51  | 32.9  |        | 30.6  | 45.8  |

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

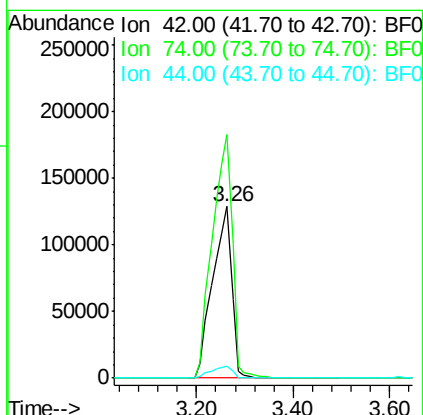
Manual Integrations  
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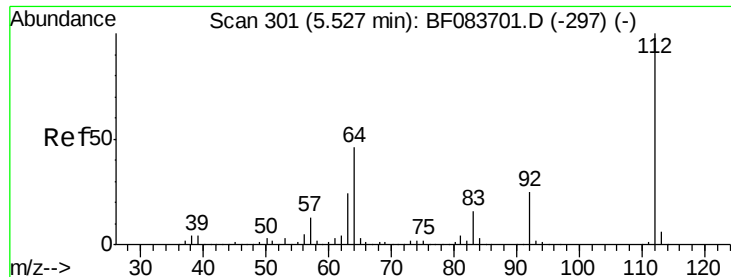
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#4  
n-Nitrosodimethylamine  
Concen: 76.59 ng  
RT: 3.26 min Scan# 103  
Delta R.T. 0.02 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper  |
|---------|-----|-------|--------|-------|--------|
| 42      | 42  | 100   | 359626 |       |        |
| 74      | 74  | 141.7 |        | 92.9  | 139.3# |
| 44      | 44  | 6.8   |        | 5.7   | 8.5    |





#5

2-Fluorophenol

Concen: 62.99 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion: 112 Resp: 1173696

Ion Ratio Lower Upper

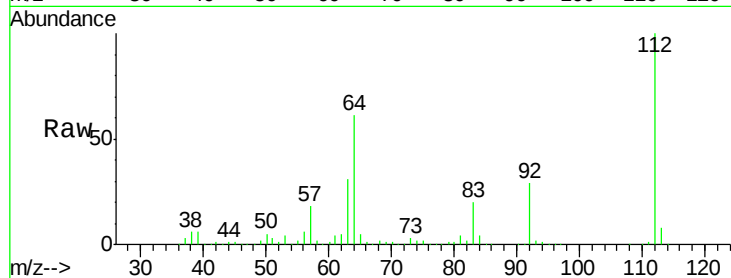
112 100

64 60.6 50.5 75.7

63 31.5 25.8 38.6

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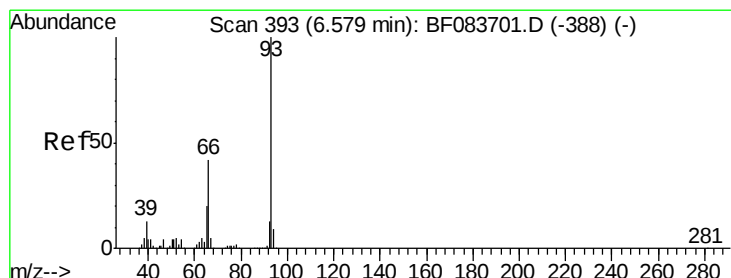
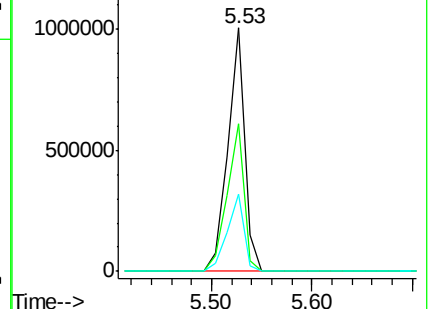
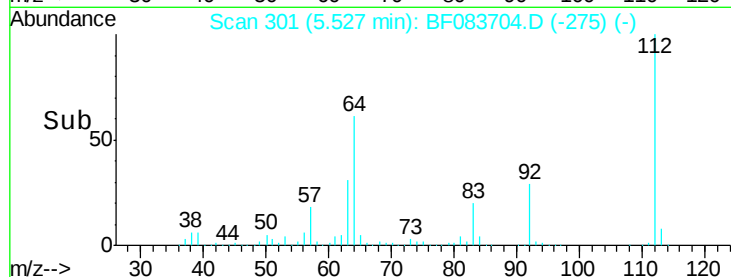
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 70.81 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

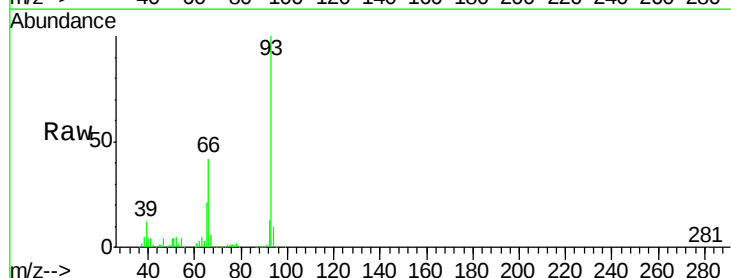
Tgt Ion: 93 Resp: 1099595

Ion Ratio Lower Upper

93 100

66 42.0 41.3 61.9

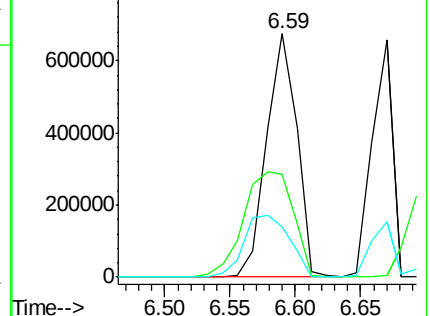
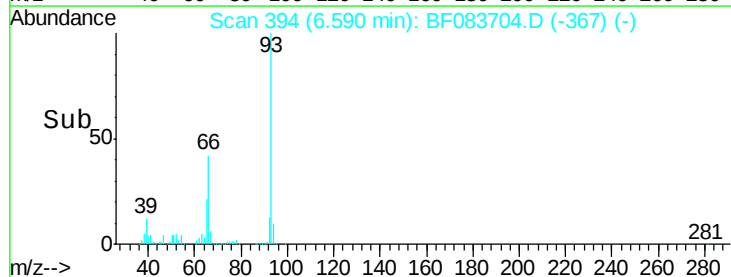
65 20.5 20.8 31.2#

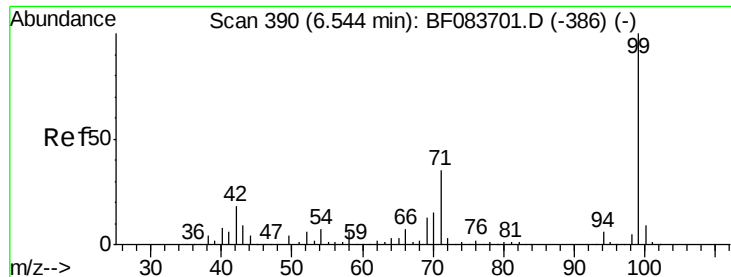


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 70.07 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion: 99 Resp: 1591696

Ion Ratio Lower Upper

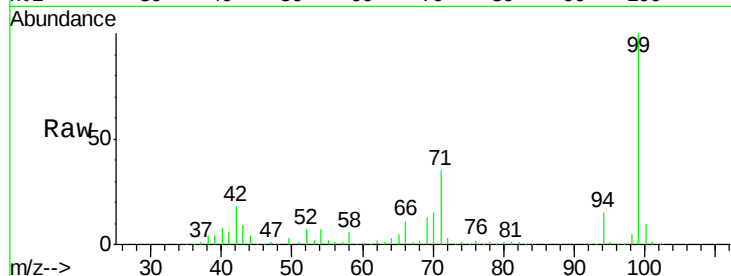
99 100

42 17.5 17.3 25.9

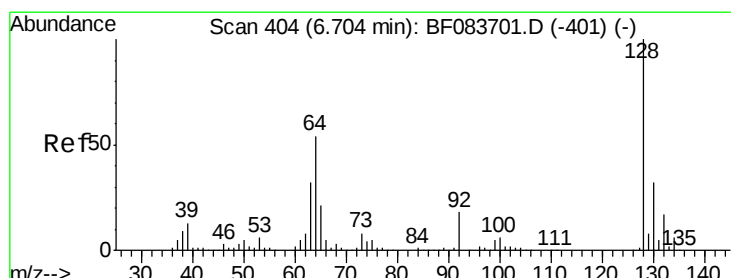
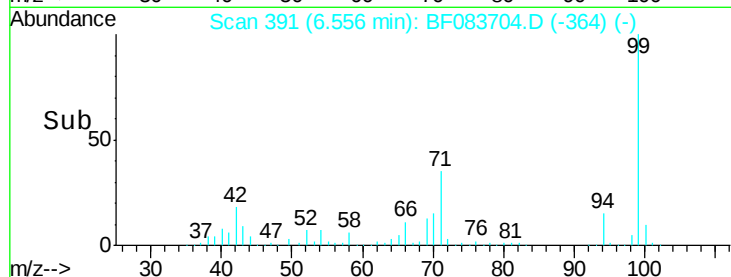
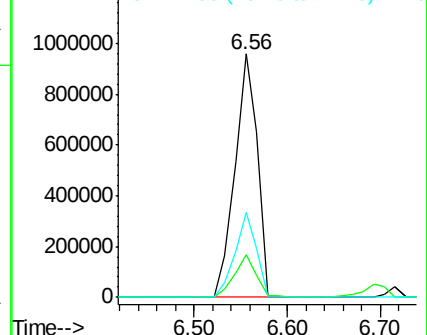
71 35.0 26.6 40.0

Manual Integrations  
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Abundance Ion 99.00 (98.70 to 99.70): BF0  
Ion 42.00 (41.70 to 42.70): BF0  
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 69.55 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

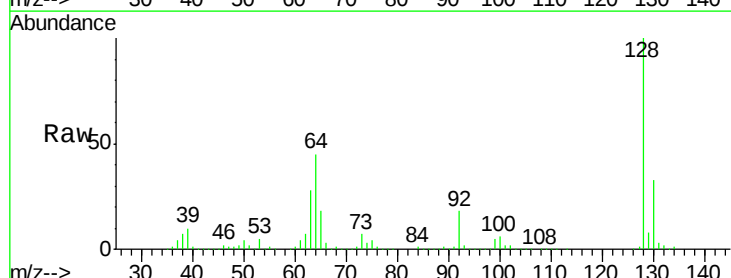
Tgt Ion:128 Resp: 699681

Ion Ratio Lower Upper

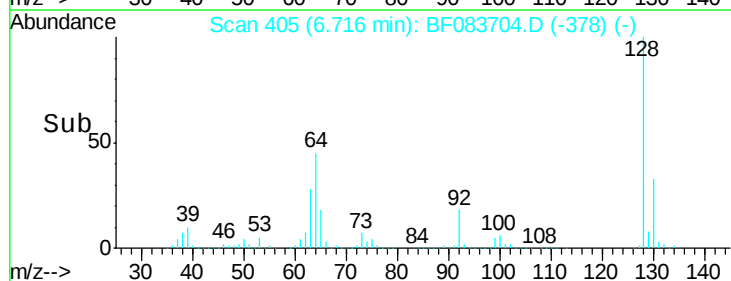
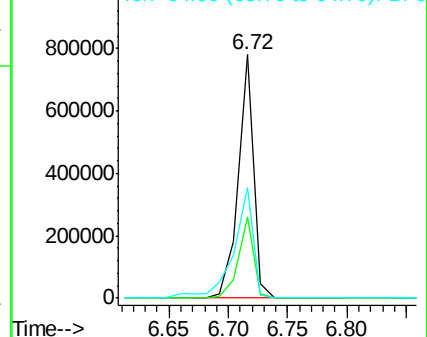
128 100

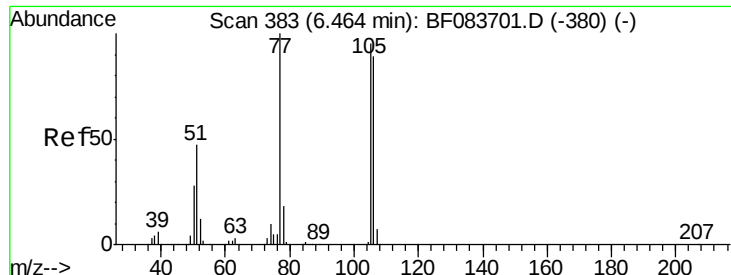
130 33.1 12.6 52.6

64 45.4 38.6 78.6



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





#9

Benzaldehyde

Concen: 53.32 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.01 min

Lab File: BF083704.D

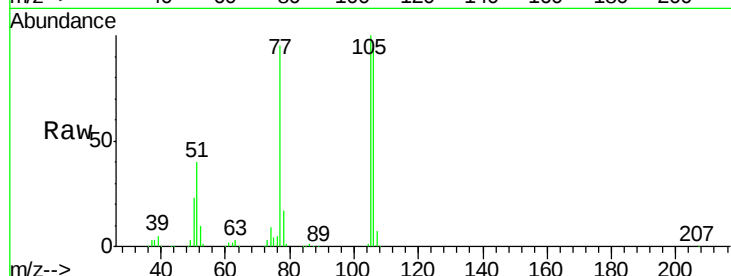
Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

ClientSampleId :

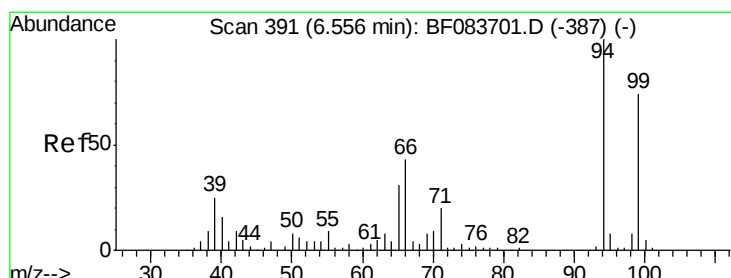
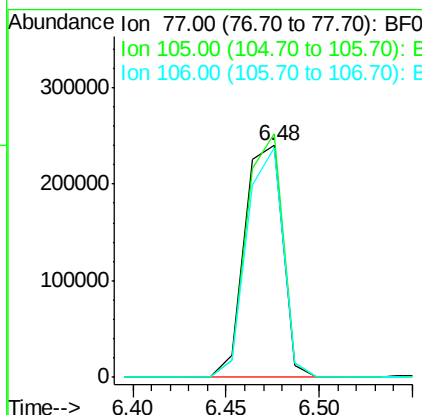
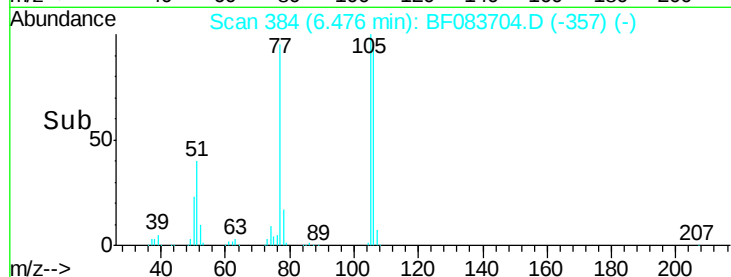
SSTDIC080



|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 344049 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 105.0 | 71.8  | 111.8  |
| 106      | 99.2  | 66.8  | 106.8  |

Manual Integrations  
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#10

Phenol

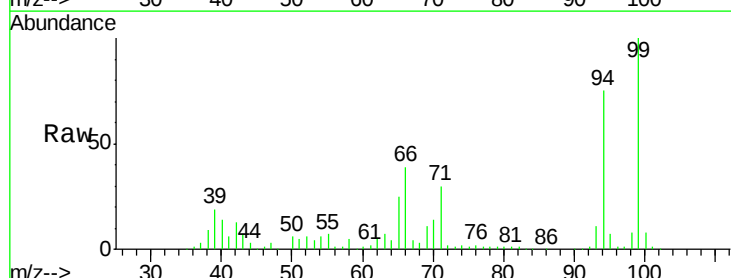
Concen: 62.61 ng

RT: 6.57 min Scan# 392

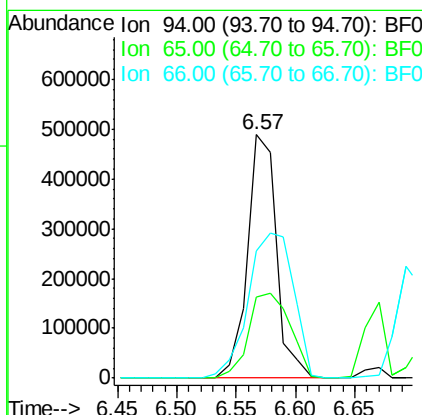
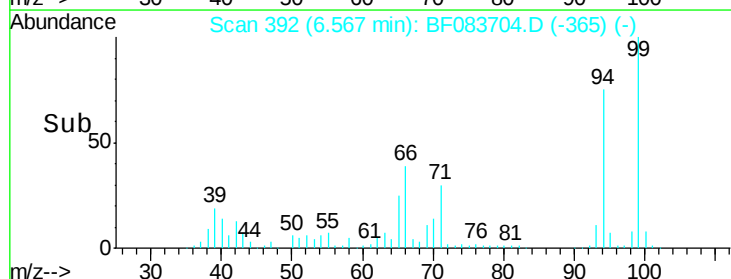
Delta R.T. 0.01 min

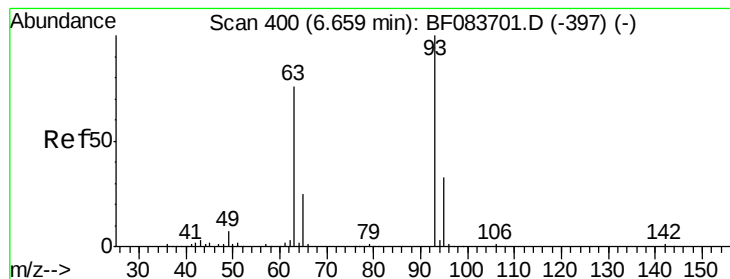
Lab File: BF083704.D

Acq: 11 Dec 2015 18:06



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 837455 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 33.4  | 20.9  | 60.9   |
| 66       | 52.3  | 41.6  | 81.6   |





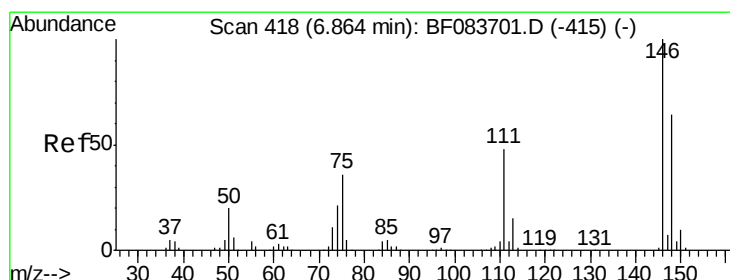
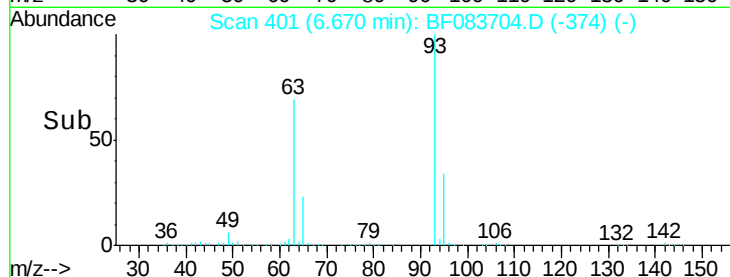
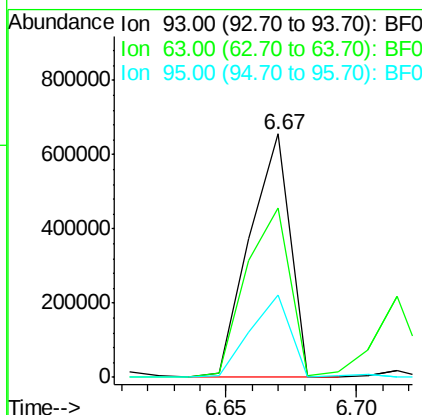
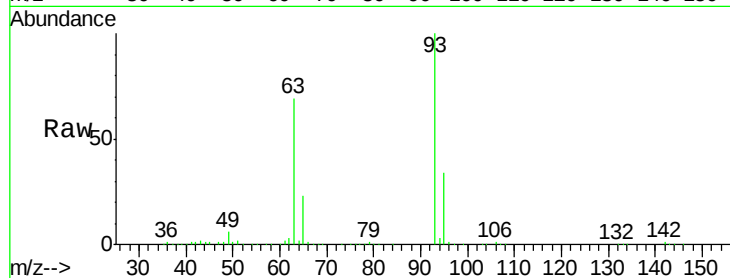
#11  
bis(2-Chloroethyl)ether  
Concen: 74.55 ng  
RT: 6.67 min Scan# 401  
Delta R.T. 0.01 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 69.5  | 64.7  | 104.7 |
| 95      | 33.9  | 12.7  | 52.7  |

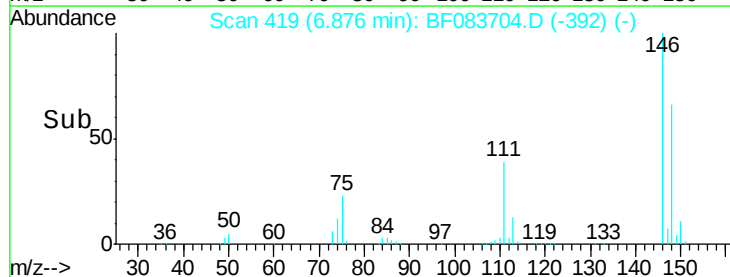
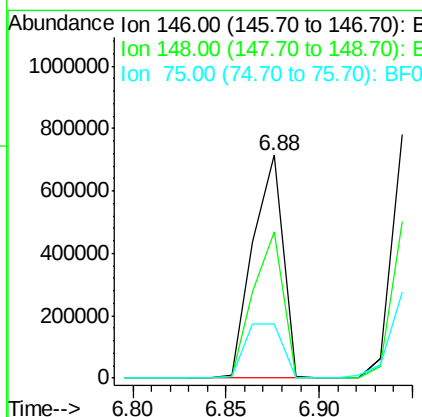
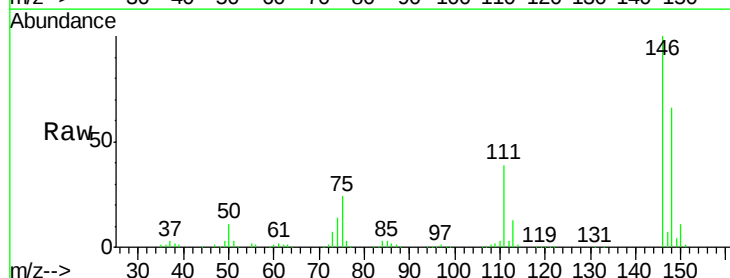
Manual Integrations  
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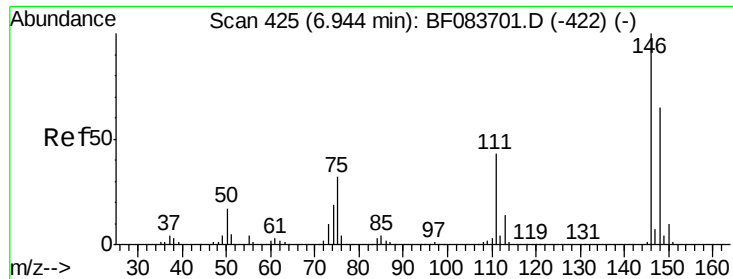
MMdadoda  
12/14/2015 6:22:24 PM



#12  
1,3-Dichlorobenzene  
Concen: 72.23 ng  
RT: 6.88 min Scan# 419  
Delta R.T. 0.01 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.0  | 51.3  | 76.9  |
| 75      | 24.3  | 24.1  | 36.1  |





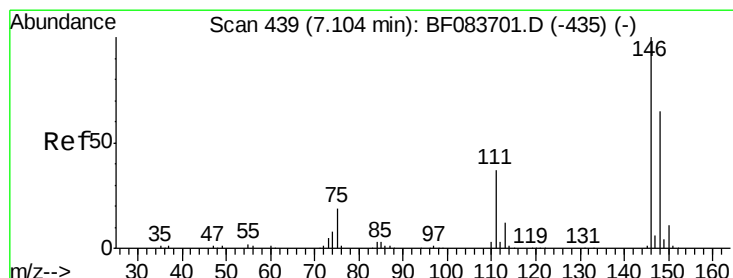
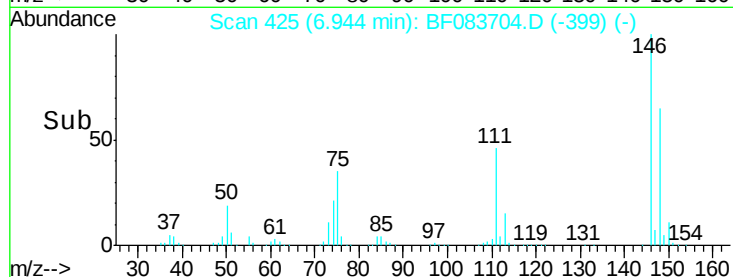
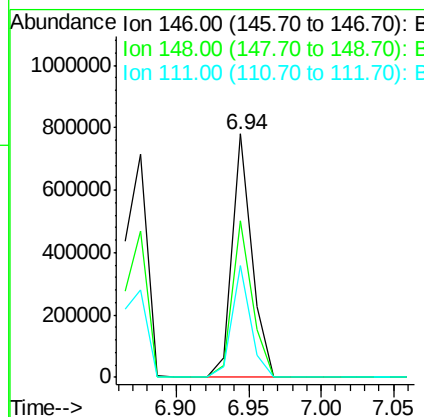
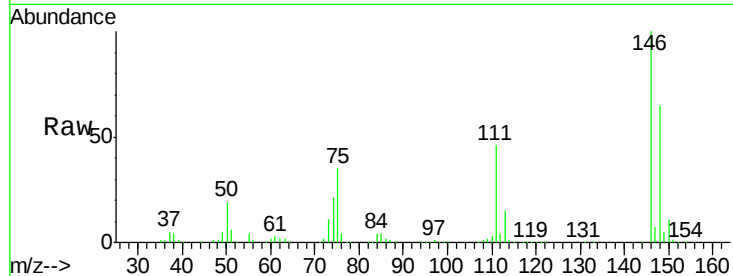
#13  
 1,4-Dichlorobenzene  
 Concen: 64.83 ng  
 RT: 6.94 min Scan# 425  
 Delta R.T. 0.00 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.6  | 50.6  | 76.0  |
| 111     | 46.0  | 36.1  | 54.1  |

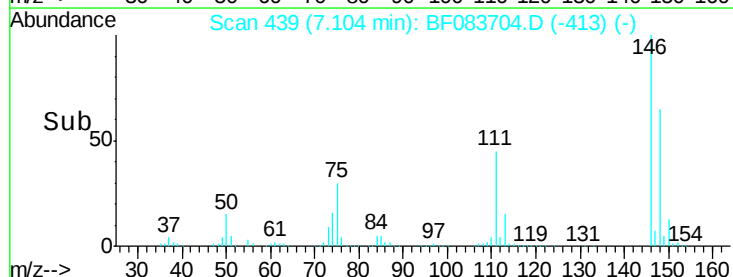
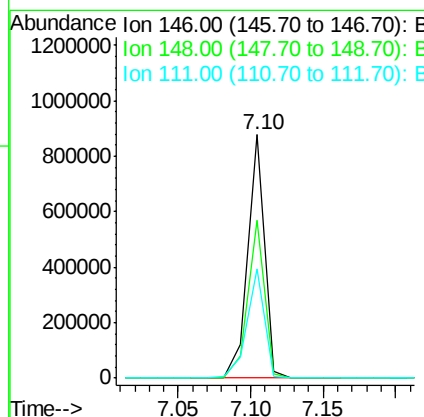
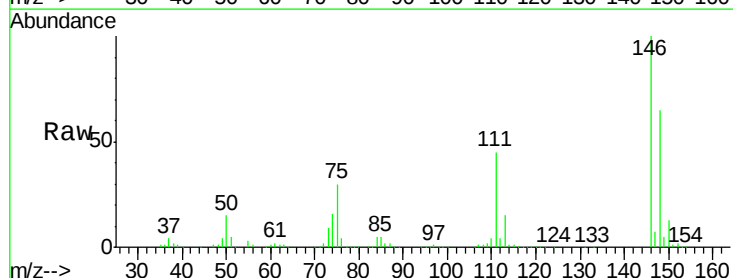
Manual Integrations  
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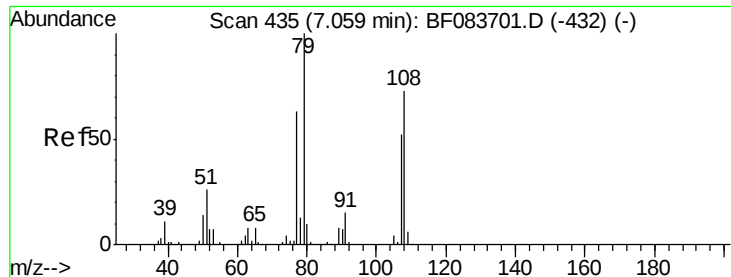
MMdadoda  
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#14  
 1,2-Dichlorobenzene  
 Concen: 68.30 ng  
 RT: 7.10 min Scan# 439  
 Delta R.T. 0.00 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 51.4  | 77.0  |
| 111     | 45.0  | 36.7  | 55.1  |





#15

Benzyl Alcohol

Concen: 69.49 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

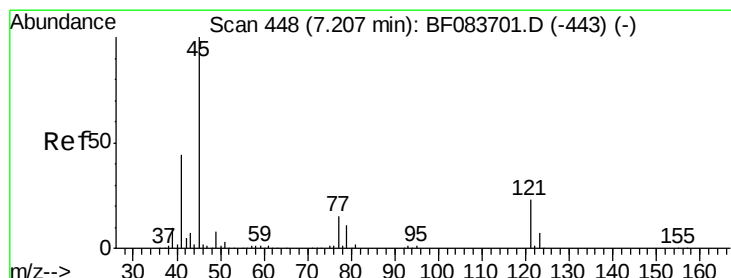
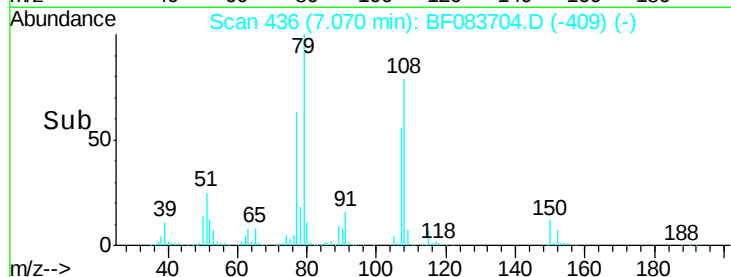
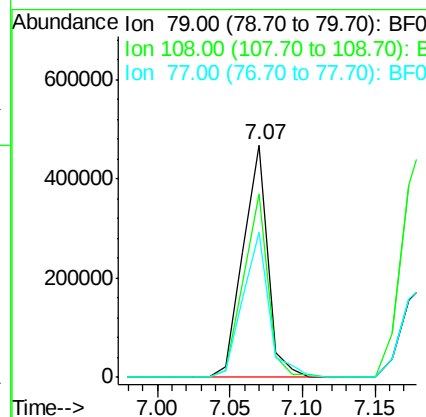
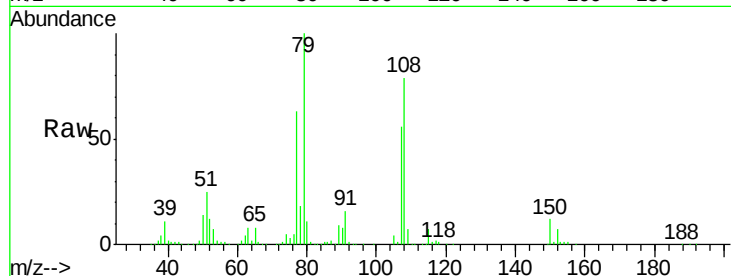
ClientSampleId :

SSTDIC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 555053 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 78.6  | 59.6  | 89.4   |
| 77        | 62.6  | 49.8  | 74.6   |

Manual Integrations  
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12/14/2015 6:22:24 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 68.17 ng

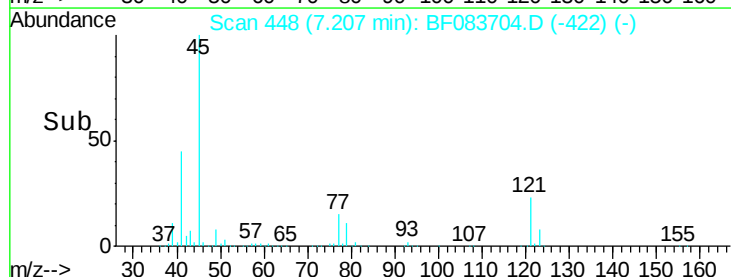
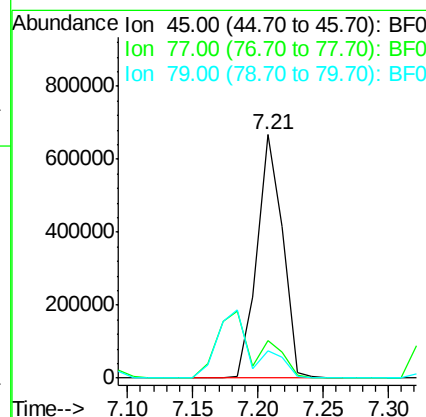
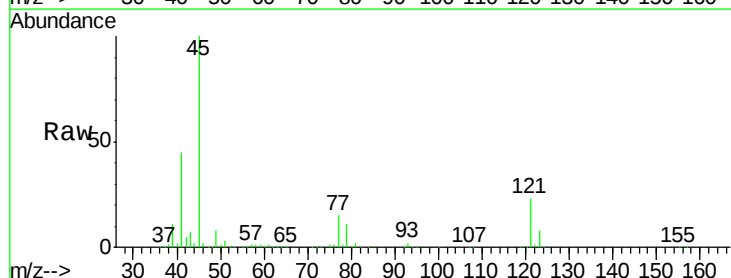
RT: 7.21 min Scan# 448

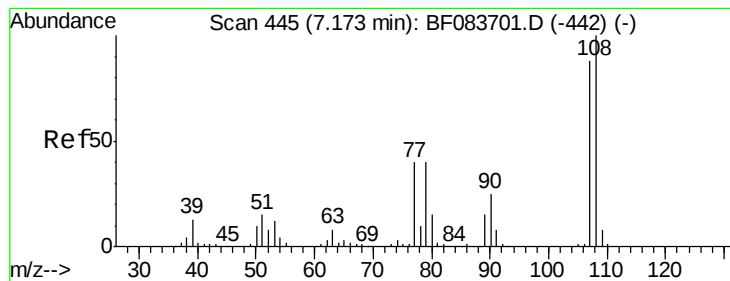
Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 912274 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 15.4  | 12.8  | 52.8   |
| 79        | 11.5  | 10.7  | 50.7   |





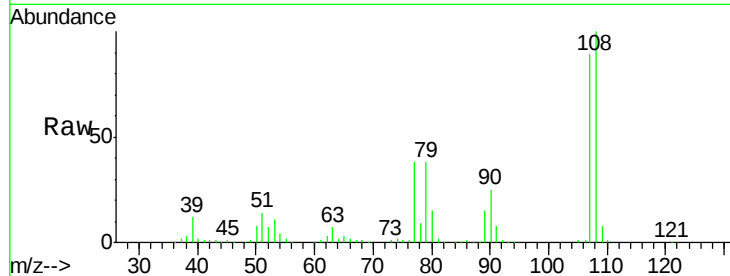
#17  
2-Methylphenol  
Concen: 74.37 ng  
RT: 7.18 min Scan# 446  
Delta R.T. 0.01 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 598743 |       |       |
| 108     | 111.8 | 91.6   | 137.4 |       |
| 77      | 42.2  | 53.7   | 80.5  |       |
| 79      | 42.7  | 50.2   | 75.4  |       |

Manual Integrations  
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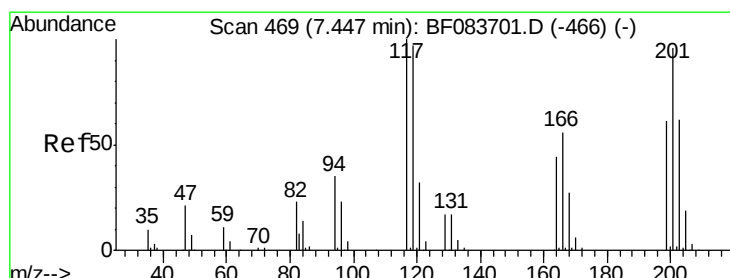
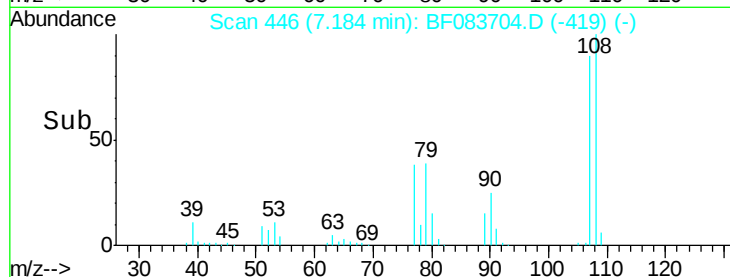
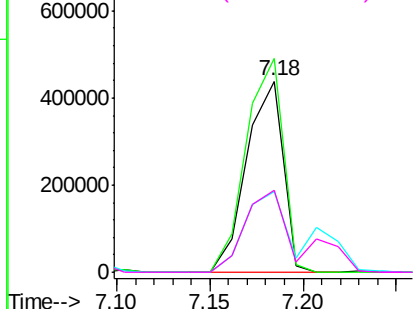
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

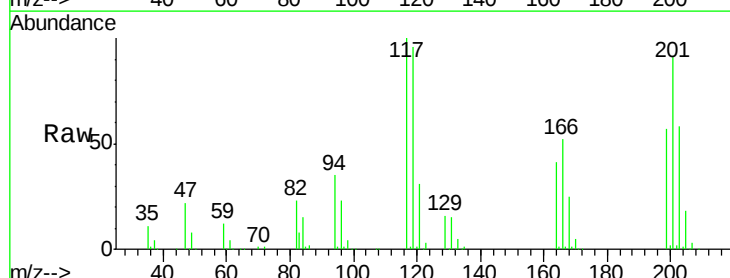
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18  
Hexachloroethane  
Concen: 70.19 ng  
RT: 7.45 min Scan# 469  
Delta R.T. 0.00 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 266136 |       |       |
| 119     | 96.4  | 77.2   | 115.8 |       |
| 201     | 90.7  | 86.8   | 130.2 |       |

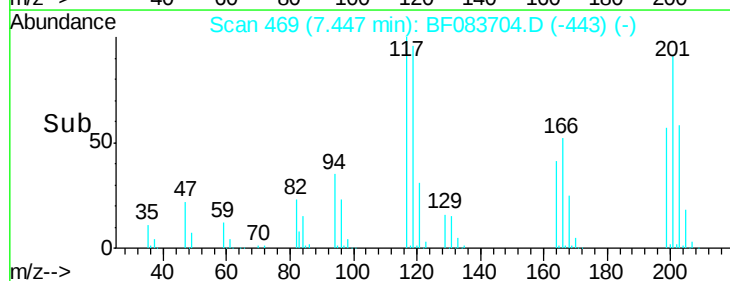
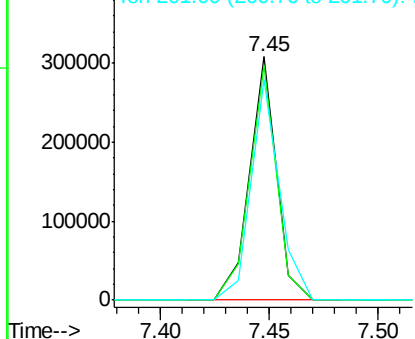


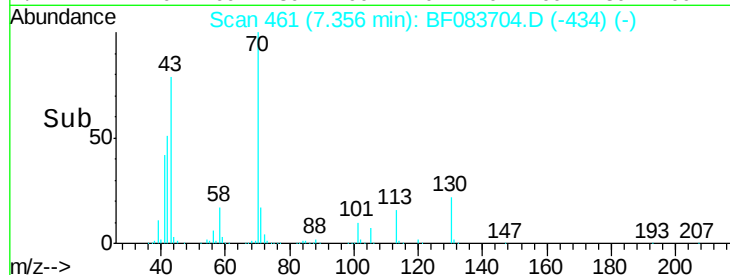
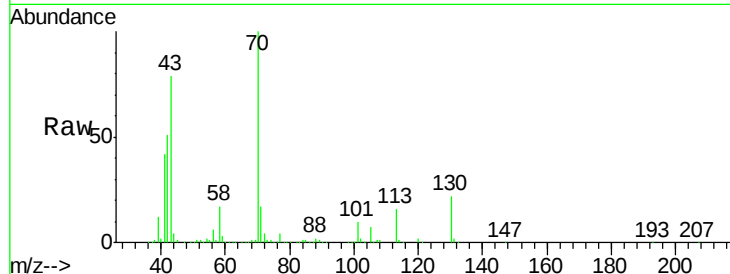
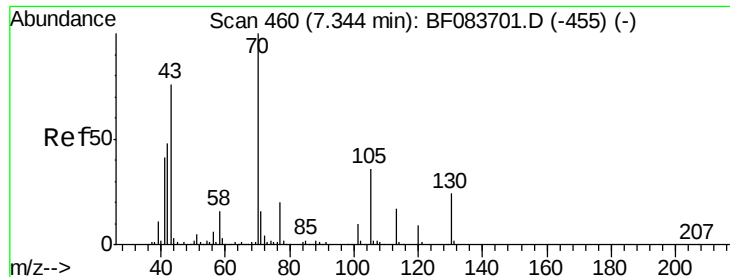
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





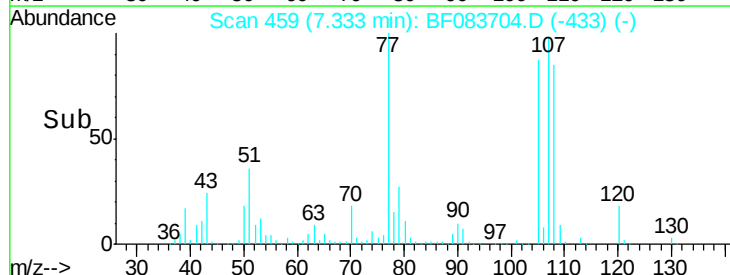
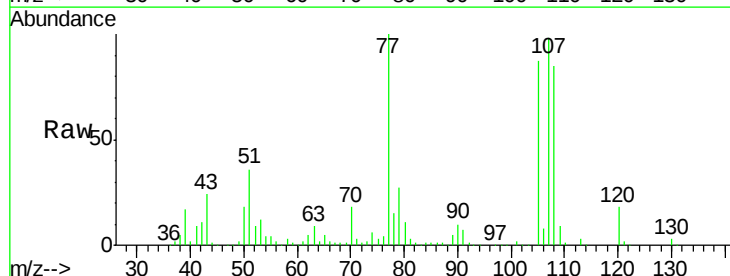
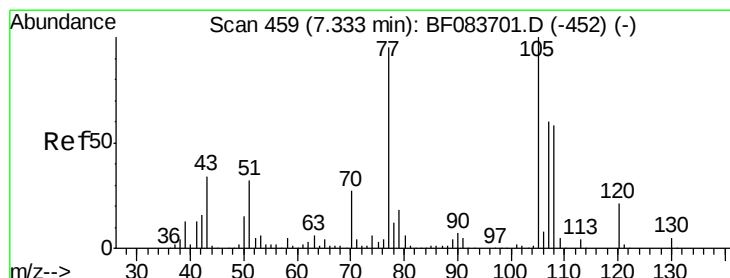
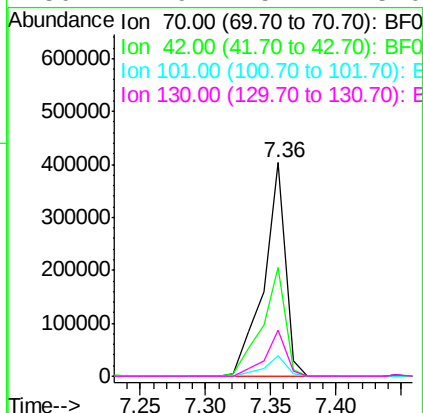
#19  
n-Nitroso-di-n-propylamine  
Concen: 70.63 ng  
RT: 7.36 min Scan# 461  
Delta R.T. 0.01 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Manual Integrations  
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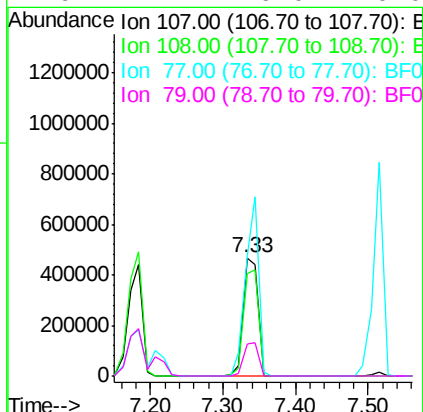
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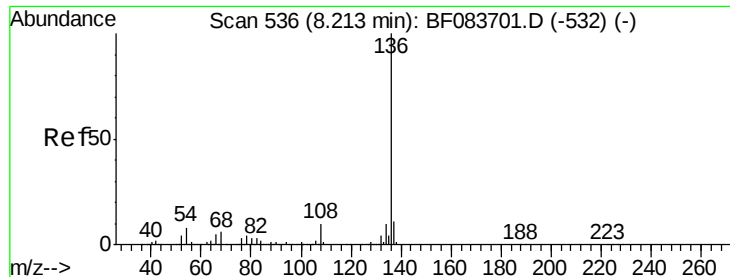
| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 51.1 | 49.2  | 73.8  |       |
| 101     | 9.8  | 7.1   | 10.7  |       |
| 130     | 21.9 | 15.4  | 23.0  |       |



#20  
3+4-Methylphenols  
Concen: 65.28 ng  
RT: 7.33 min Scan# 459  
Delta R.T. 0.00 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

| Tgt Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   |       |       |       |
| 108     | 87.2  | 65.2  | 105.2 |       |
| 77      | 102.5 | 15.2  | 55.2  |       |
| 79      | 27.7  | 6.0   | 46.0  |       |





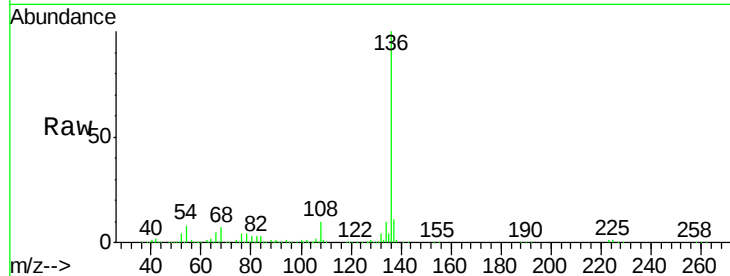
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.21 min Scan# 536  
Delta R.T. 0.00 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 534450 |       |       |
| 137     | 11.2 |       | 8.7    | 13.1  |       |
| 54      | 8.3  |       | 7.8    | 11.6  |       |
| 68      | 6.7  |       | 5.7    | 8.5   |       |

Manual Integrations  
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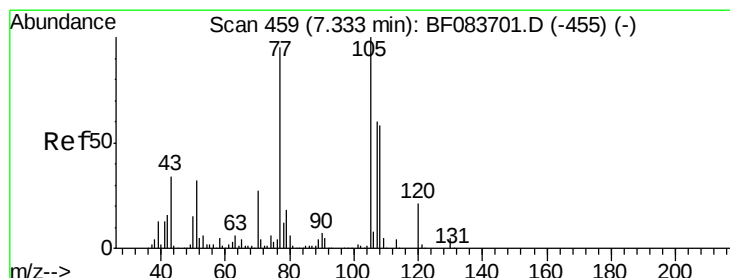
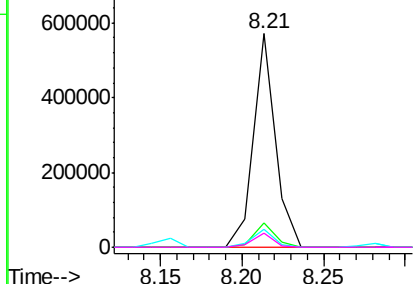
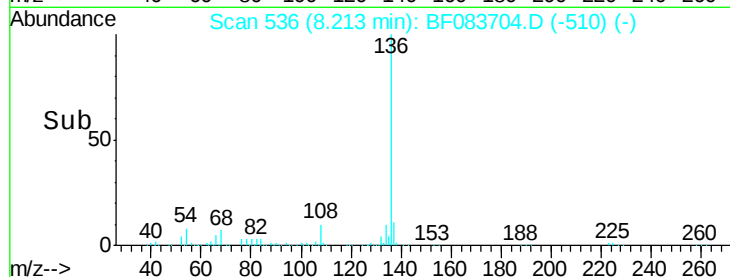


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

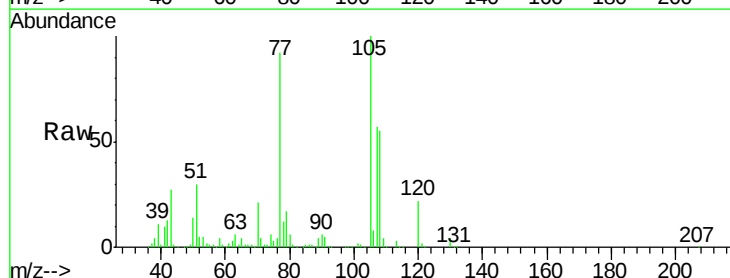
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22  
Acetophenone  
Concen: 68.58 ng  
RT: 7.34 min Scan# 460  
Delta R.T. 0.01 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 894594 |       |       |
| 71      | 3.6  |       | 1.3    | 1.9#  |       |
| 51      | 30.0 |       | 23.8   | 35.8  |       |
| 120     | 21.8 |       | 16.7   | 25.1  |       |

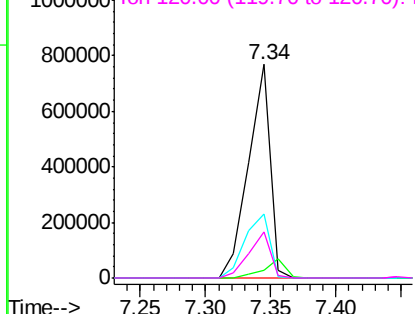
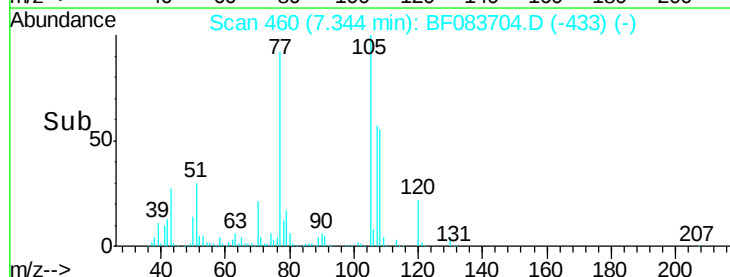


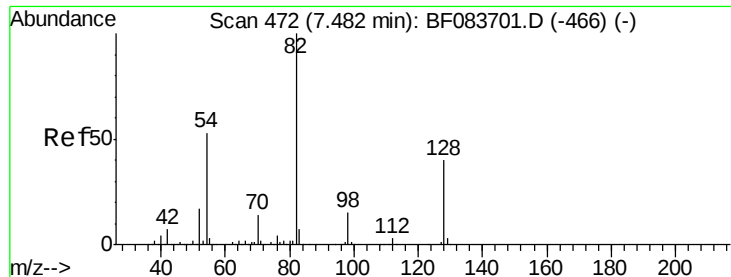
Abundance Ion 105.00 (104.70 to 105.70): E

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





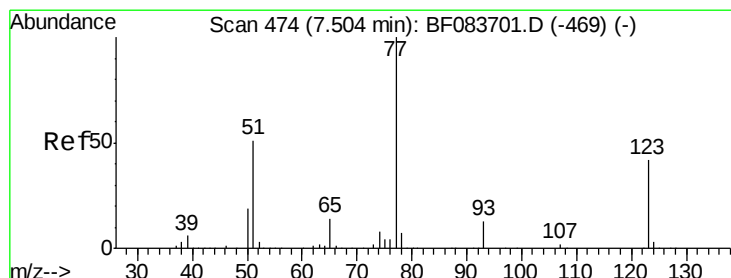
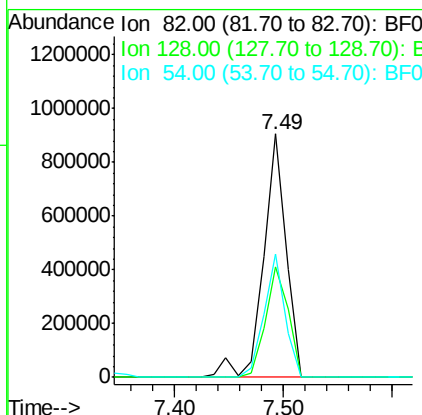
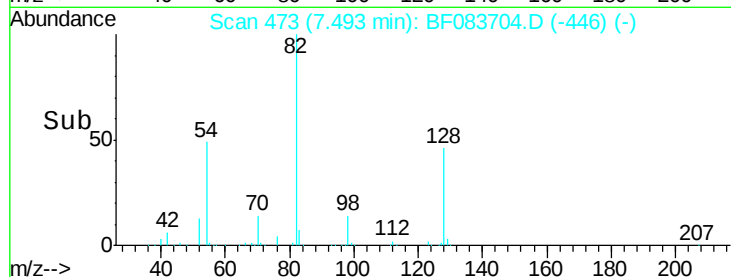
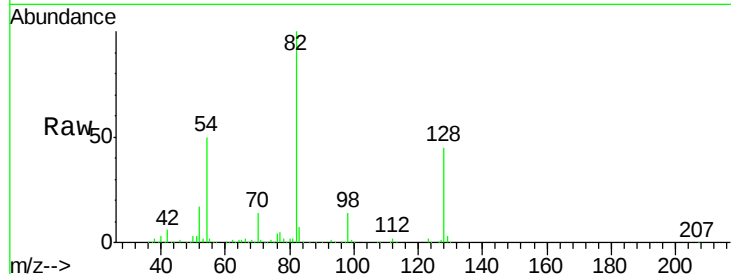
#23  
 Nitrobenzene-d5  
 Concen: 83.43 ng  
 RT: 7.49 min Scan# 473  
 Delta R.T. 0.01 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion   | 82   | Resp  | 1307010 |
|-----------|------|-------|---------|
| Ion Ratio | 100  | Lower | Upper   |
| 128       | 45.5 | 30.7  | 46.1    |
| 54        | 50.5 | 42.5  | 63.7    |

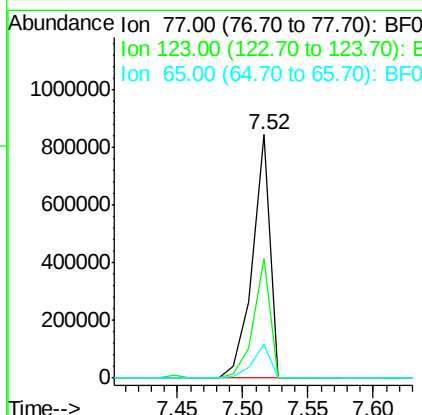
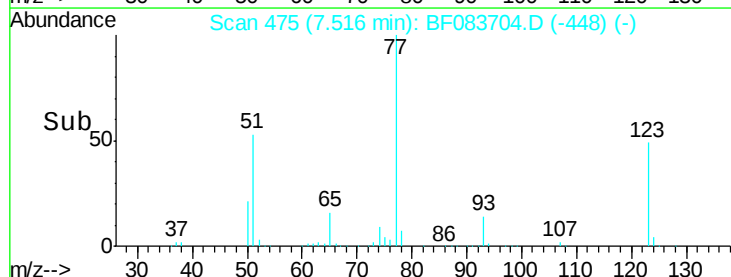
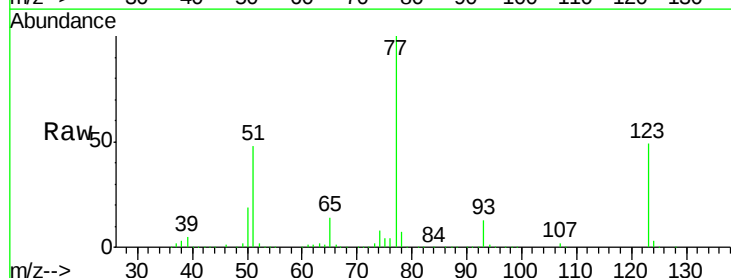
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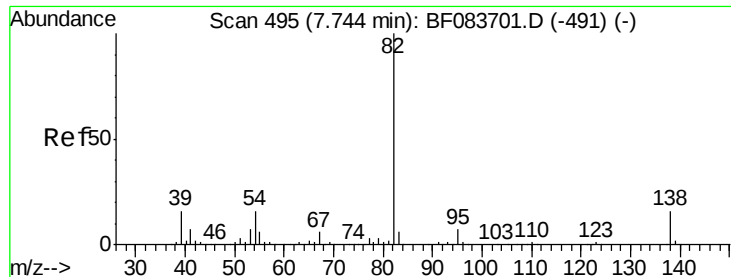
MMdadoda  
 12/14/2015 6:22:24 PM



#24  
 Nitrobenzene  
 Concen: 91.87 ng  
 RT: 7.52 min Scan# 475  
 Delta R.T. 0.01 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

| Tgt Ion   | 77   | Resp  | 793183 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 49.1 | 29.8  | 44.6#  |
| 65        | 13.9 | 11.1  | 16.7   |





#25

Isophorone

Concen: 76.00 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 1348267

Ion Ratio Lower Upper

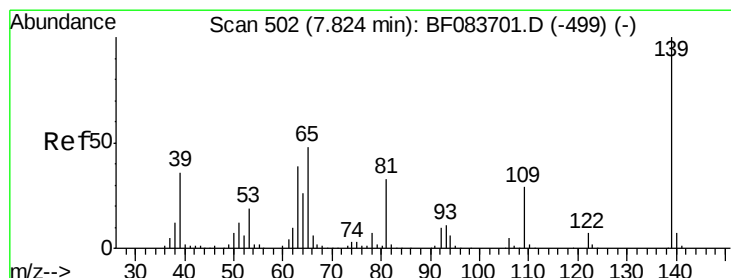
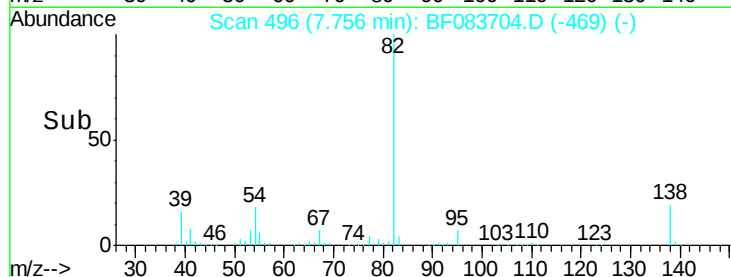
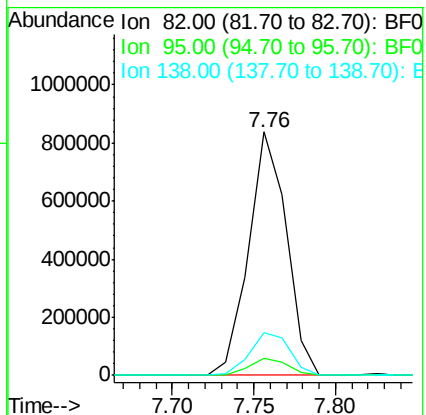
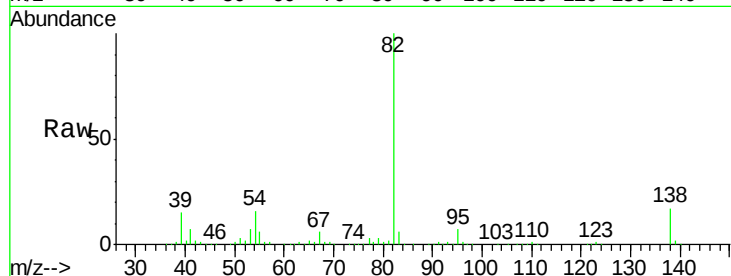
82 100

95 7.1 5.0 7.4

138 17.5 12.1 18.1

Manual Integrations  
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#26

2-Nitrophenol

Concen: 99.53 ng

RT: 7.82 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

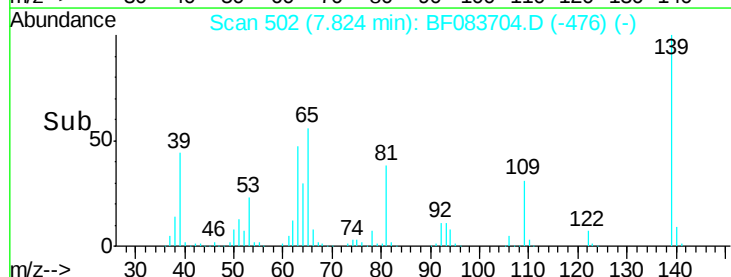
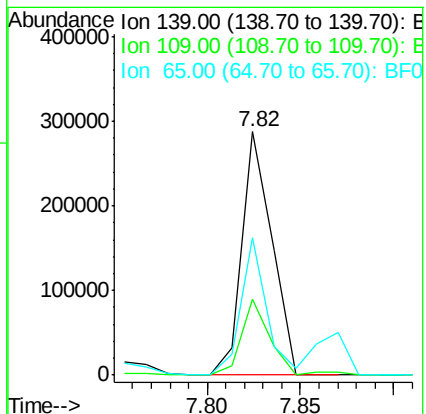
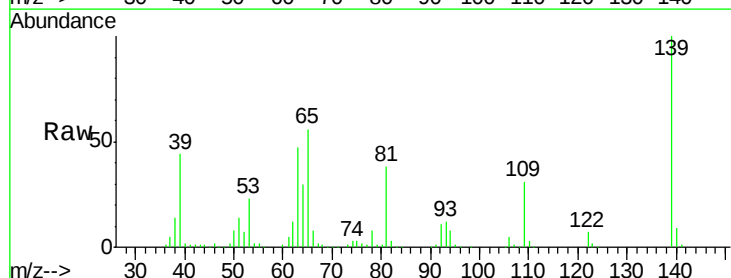
Tgt Ion: 139 Resp: 321149

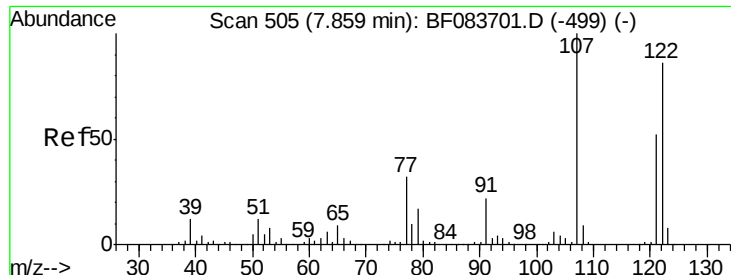
Ion Ratio Lower Upper

139 100

109 31.0 22.7 34.1

65 56.2 51.8 77.8





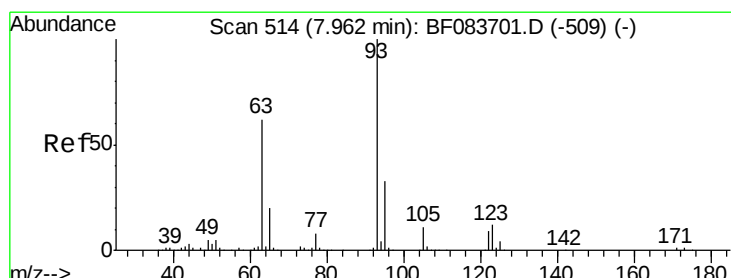
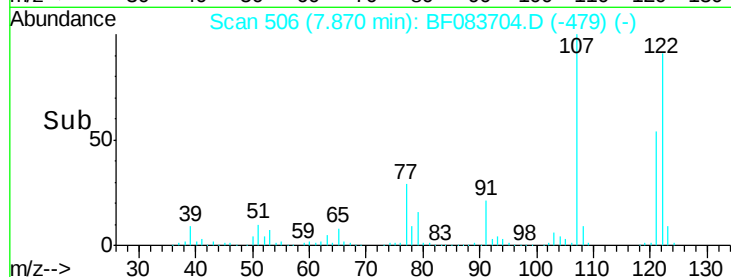
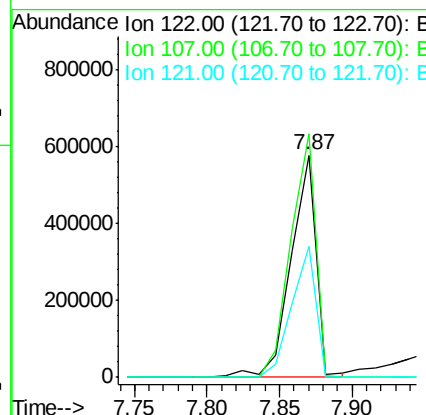
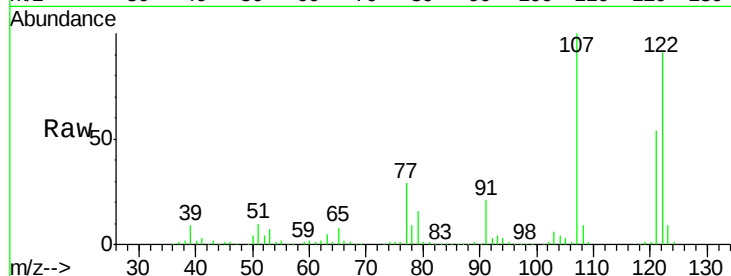
#27  
 2,4-Dimethylphenol  
 Concen: 79.02 ng  
 RT: 7.87 min Scan# 506  
 Delta R.T. 0.01 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 699126 |       |       |
| 107     | 109.6 | 92.4   | 138.6 |       |
| 121     | 59.3  | 45.8   | 68.6  |       |

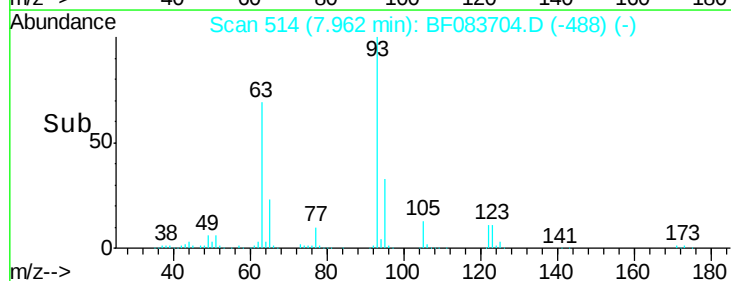
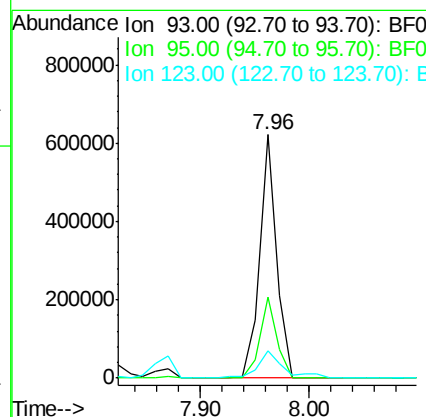
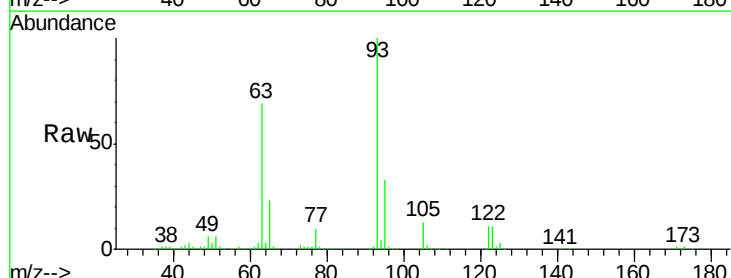
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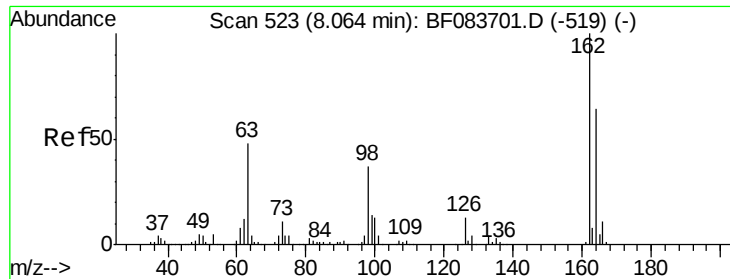
MMdadoda  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 65.56 ng  
 RT: 7.96 min Scan# 514  
 Delta R.T. 0.00 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 677839 |       |       |
| 95      | 33.2  | 25.6   | 38.4  |       |
| 123     | 11.4  | 7.3    | 10.9  |       |





#29

2,4-Dichlorophenol

Concen: 76.35 ng

RT: 8.06 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

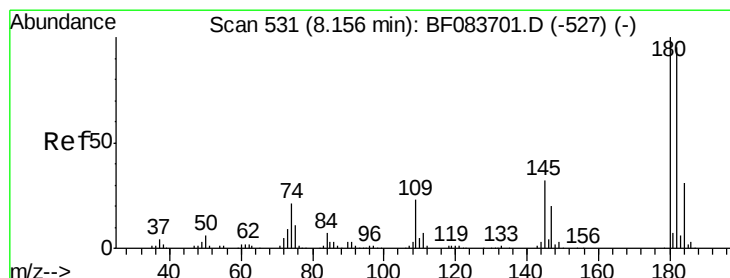
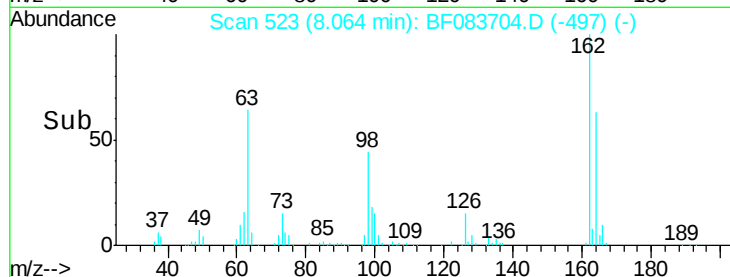
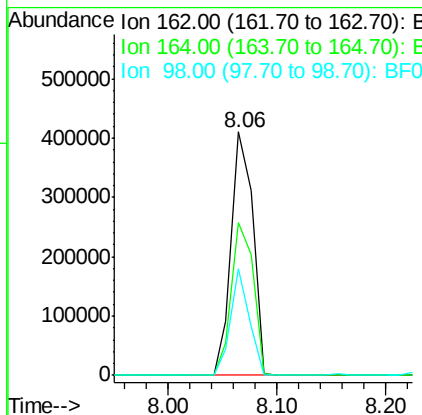
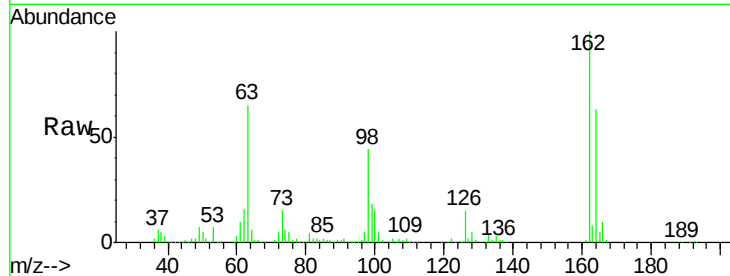
ClientSampleId :

SSTDIC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 561237 |       |       |
| 164     | 62.7  | 43.4   | 83.4  |       |
| 98      | 43.9  | 17.5   | 57.5  |       |

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#30

1,2,4-Trichlorobenzene

Concen: 69.94 ng

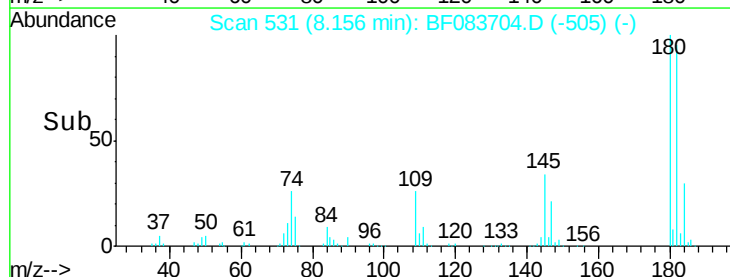
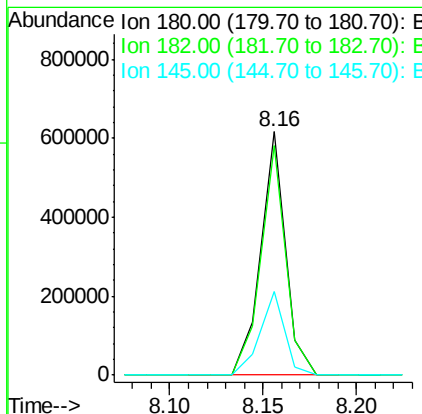
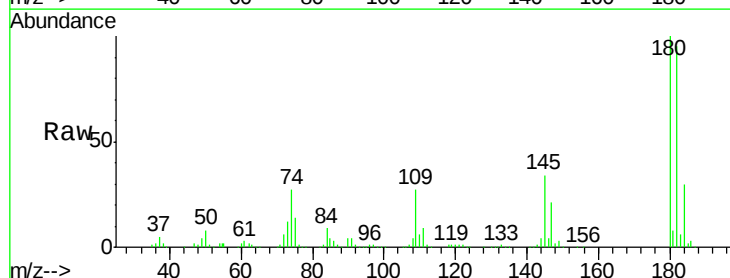
RT: 8.16 min Scan# 531

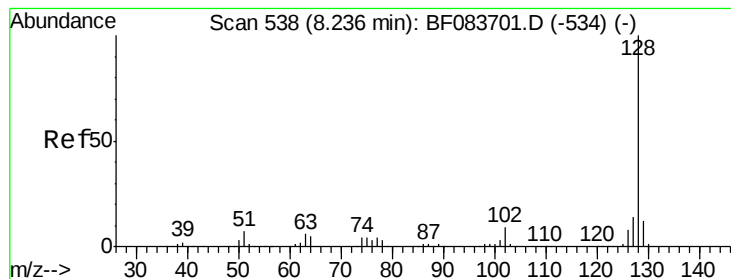
Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 576586 |       |       |
| 182     | 94.5  | 74.9   | 112.3 |       |
| 145     | 34.2  | 24.7   | 37.1  |       |





#31

Naphthalene

Concen: 62.81 ng/mL

RT: 8.24 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:128 Resp: 1709492

Ion Ratio Lower Upper

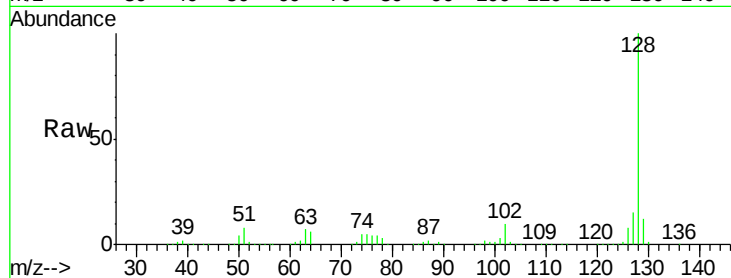
128 100

129 12.4 8.6 13.0

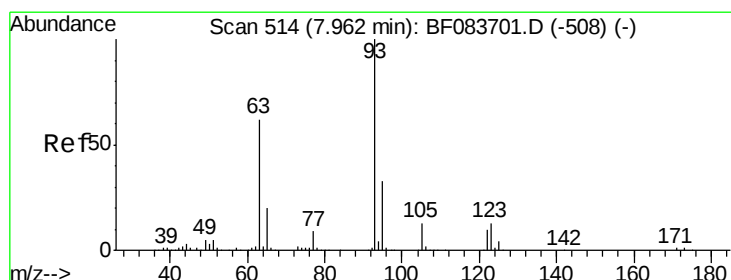
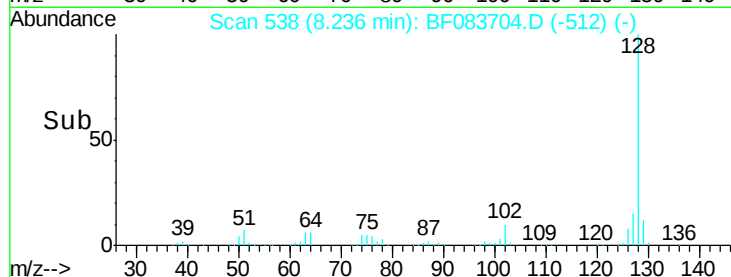
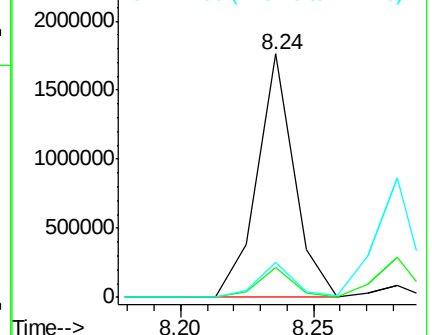
127 14.6 10.6 16.0

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



#32

Benzoic acid

Concen: 126.00 ng/mL

RT: 8.01 min Scan# 518

Delta R.T. 0.05 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

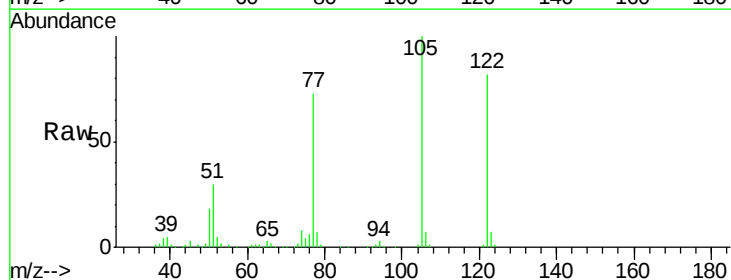
Tgt Ion:122 Resp: 497942

Ion Ratio Lower Upper

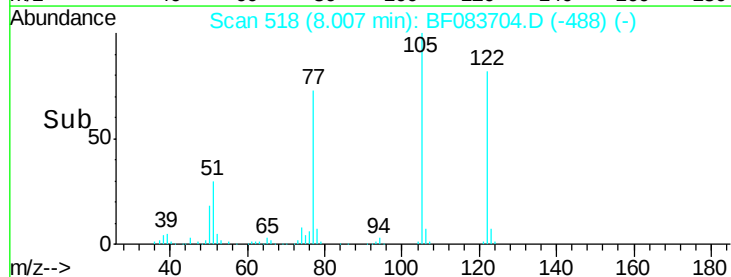
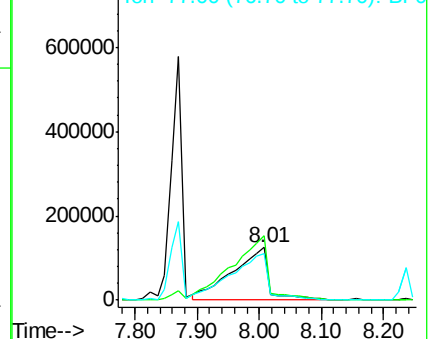
122 100

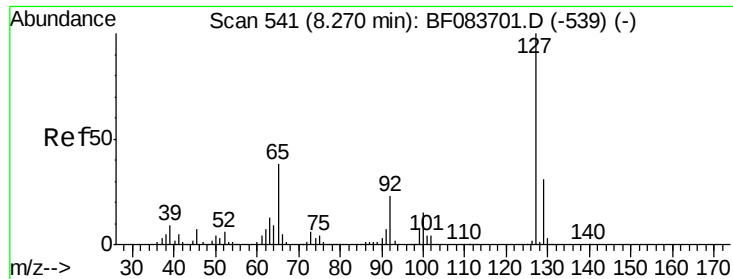
105 121.8 105.6 145.6

77 89.4 86.8 126.8



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





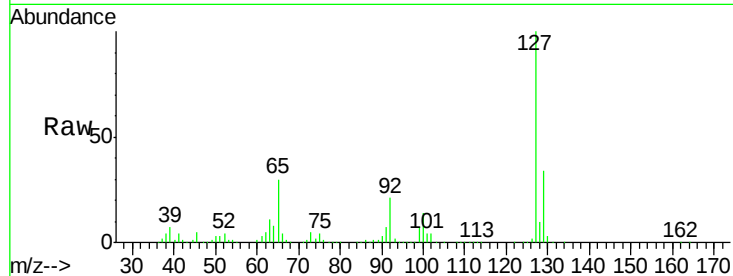
#33  
4-Chloroaniline  
Concen: 73.43 ng  
RT: 8.28 min Scan# 542  
Delta R.T. 0.01 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

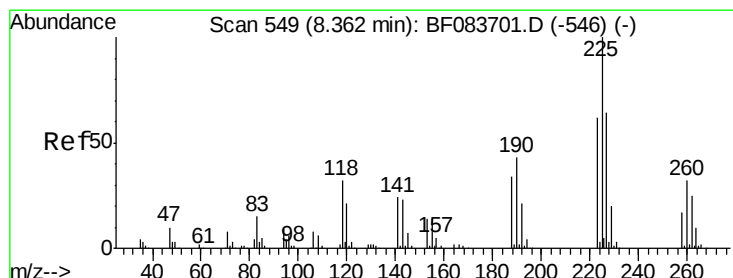
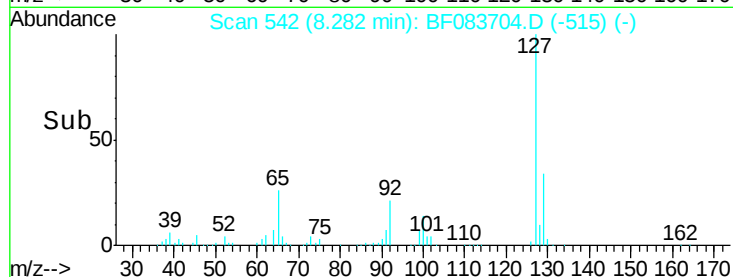
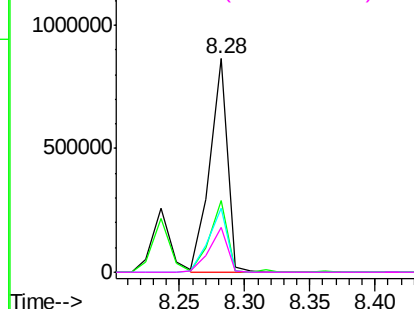
| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 33.6 | 26.1  | 39.1 |       |       |
| 65      | 30.1 | 33.5  | 50.3 |       |       |
| 92      | 21.2 | 18.6  | 28.0 |       |       |

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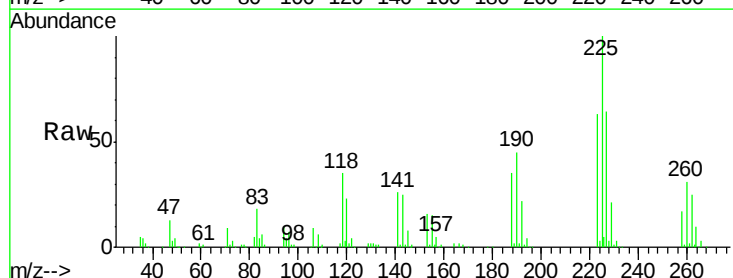


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

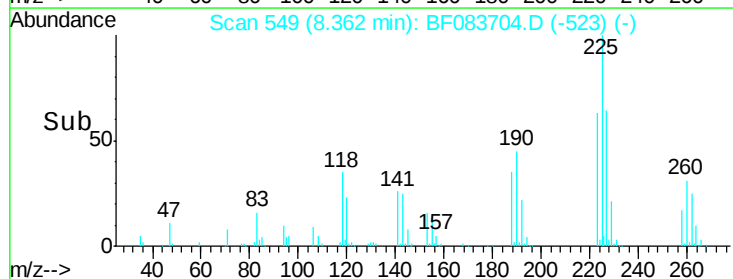
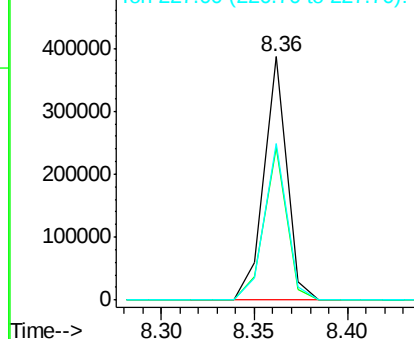


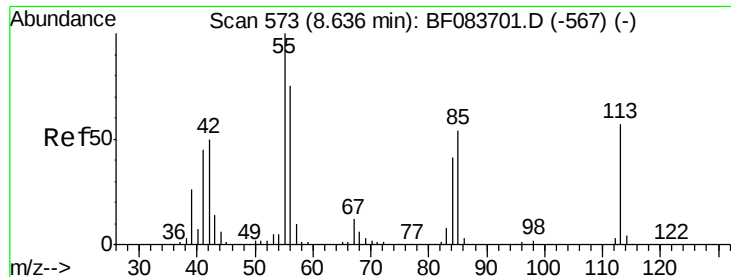
#34  
Hexachlorobutadiene  
Concen: 71.58 ng  
RT: 8.36 min Scan# 549  
Delta R.T. 0.00 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 62.8 | 52.3  | 78.5 |       |       |
| 227     | 64.5 | 50.4  | 75.6 |       |       |



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: 90.78 ng

RT: 8.67 min Scan# 576

Delta R.T. 0.03 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

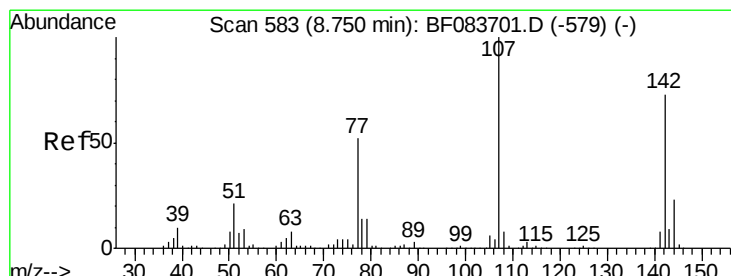
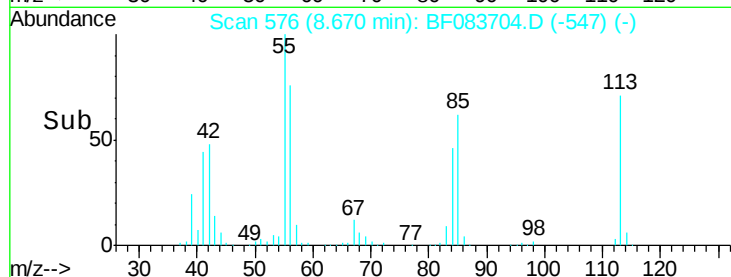
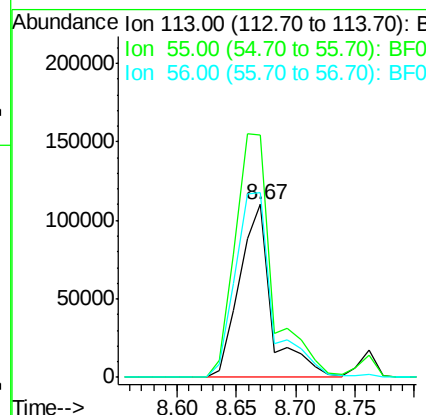
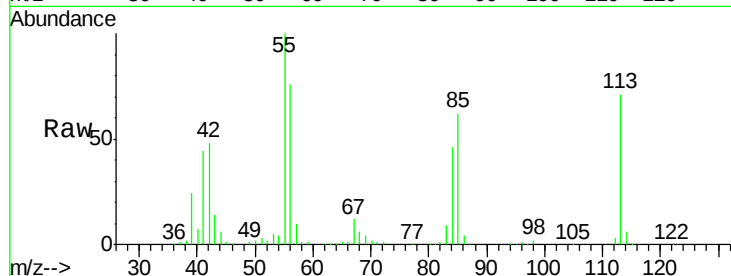
ClientSampleId :

SSTDIC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 209094 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 140.4 | 189.7 | 229.7# |
| 56        | 106.9 | 130.7 | 170.7# |

Manual Integrations  
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#36

4-Chloro-3-methylphenol

Concen: 75.42 ng

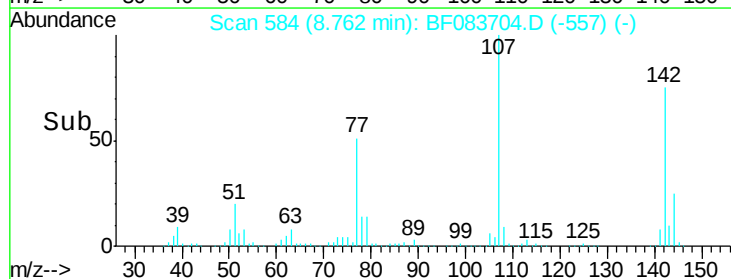
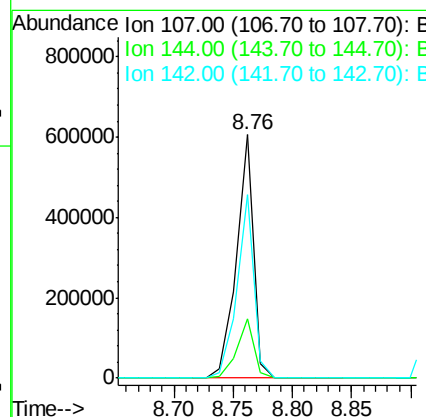
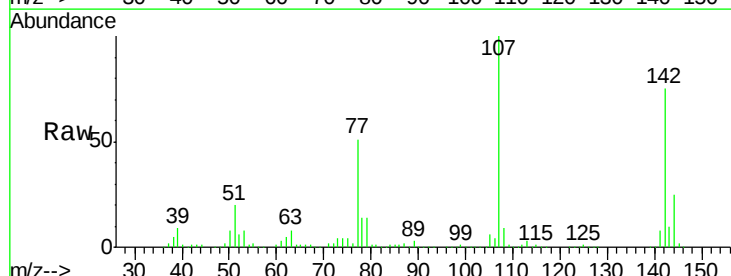
RT: 8.76 min Scan# 584

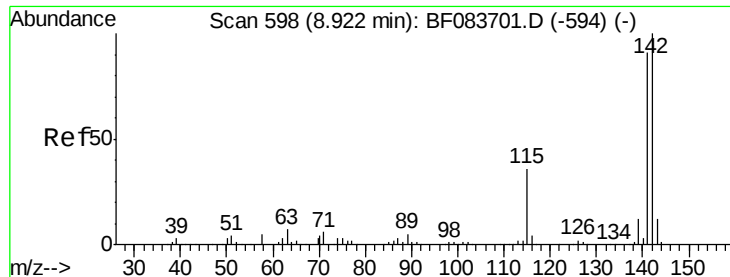
Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 607858 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 24.6  | 17.5  | 26.3   |
| 142       | 75.4  | 53.6  | 80.4   |





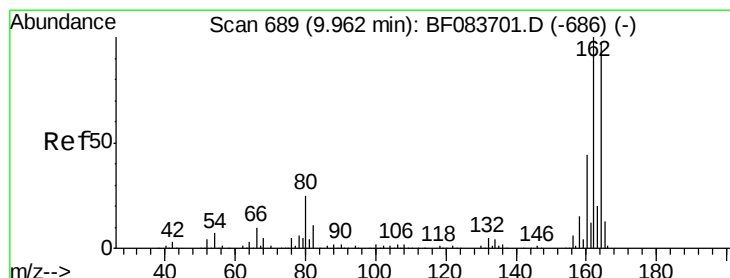
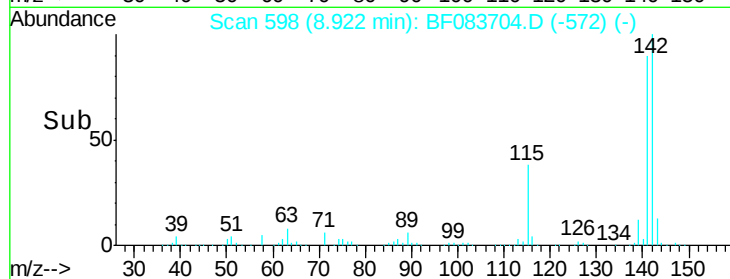
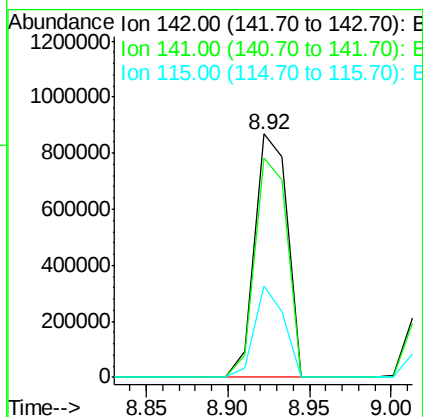
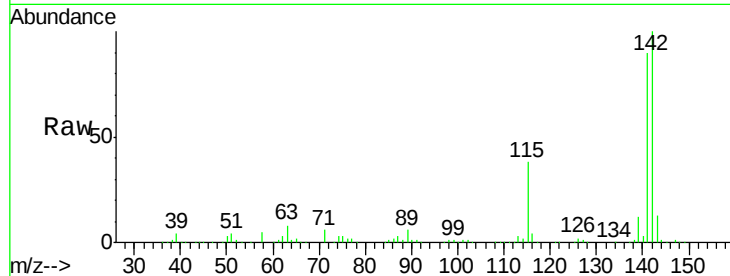
#37  
2-Methylnaphthalene  
Concen: 70.81 ng  
RT: 8.92 min Scan# 598  
Delta R.T. 0.00 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.9  | 70.3  | 105.5 |
| 115     | 37.7  | 29.2  | 43.8  |

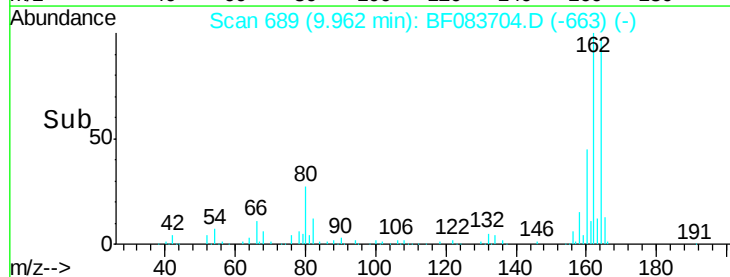
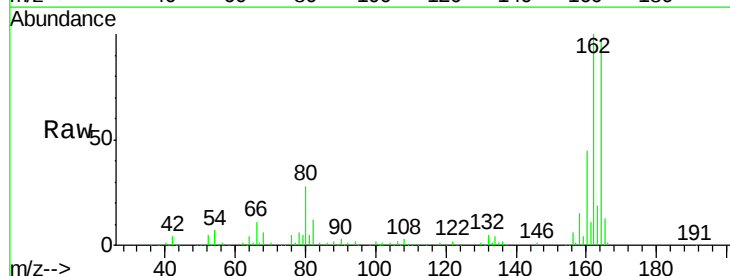
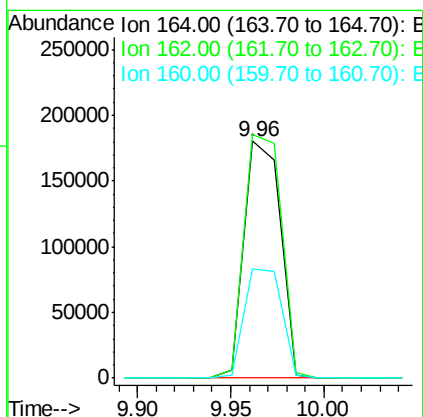
Manual Integrations  
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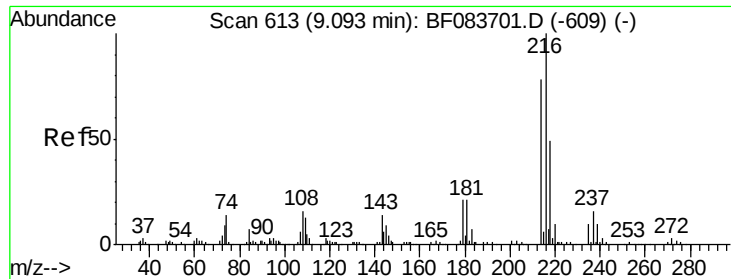
MMdadoda  
12/14/2015 6:22:24 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.96 min Scan# 689  
Delta R.T. 0.00 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.7 | 78.8  | 118.2 |
| 160     | 46.0  | 33.4  | 50.2  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 62.69 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

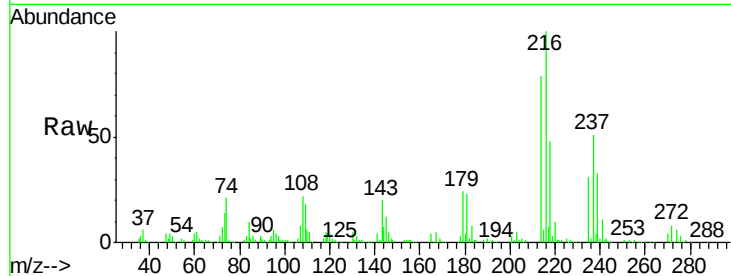
ClientSampleId :

SSTDIC080

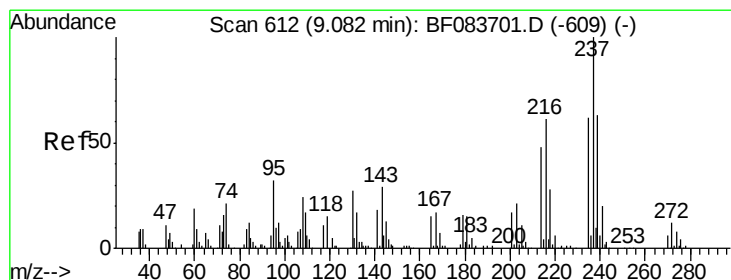
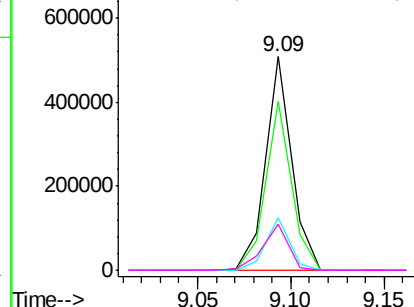
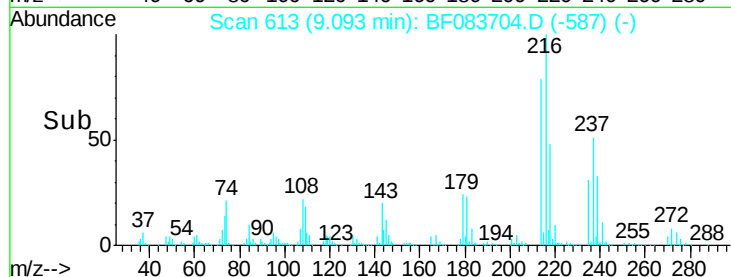
Manual Integrations  
APPROVED

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| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 490651 |       |       |
| 214     | 78.3  | 0.0    | 0.0   | 0.0   |
| 179     | 22.9  | 0.0    | 0.0   | 0.0   |
| 108     | 21.4  | 0.0    | 0.0   | 0.0   |



Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 86.74 ng

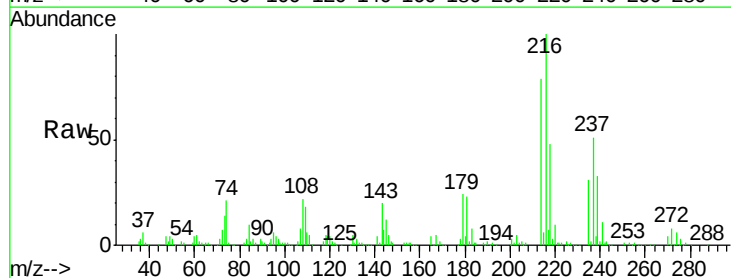
RT: 9.09 min Scan# 613

Delta R.T. 0.01 min

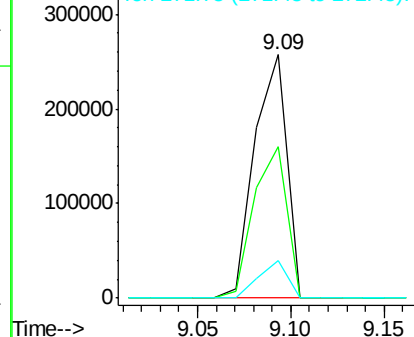
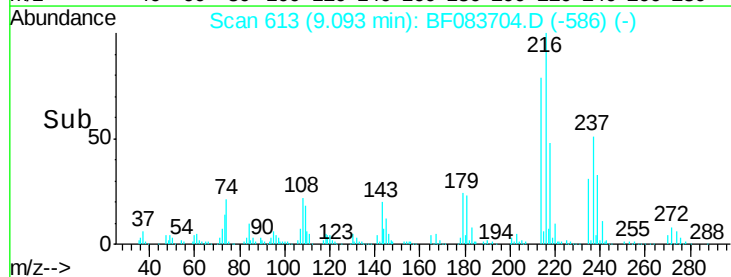
Lab File: BF083704.D

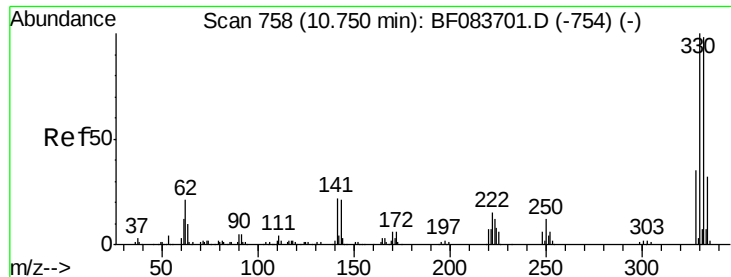
Acq: 11 Dec 2015 18:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 307564 |       |       |
| 235     | 62.2  | 43.9   | 83.9  |       |
| 272     | 15.2  | 0.0    | 31.8  |       |



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E





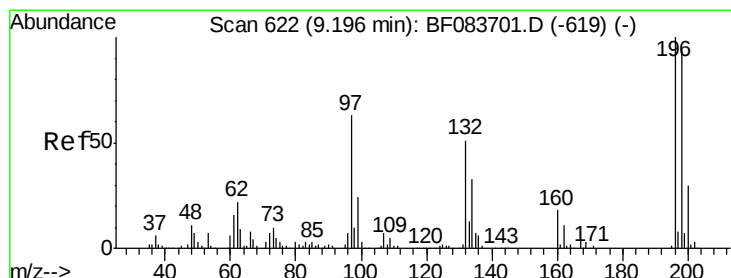
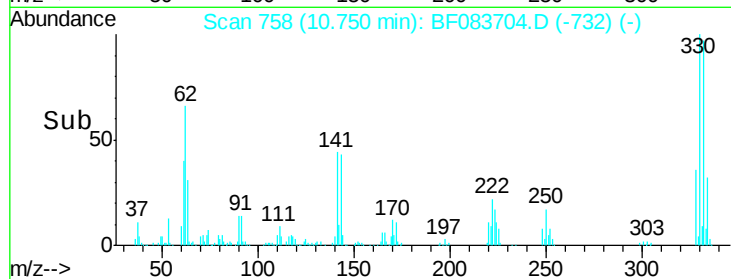
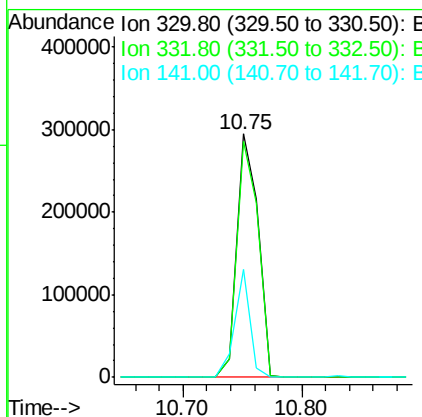
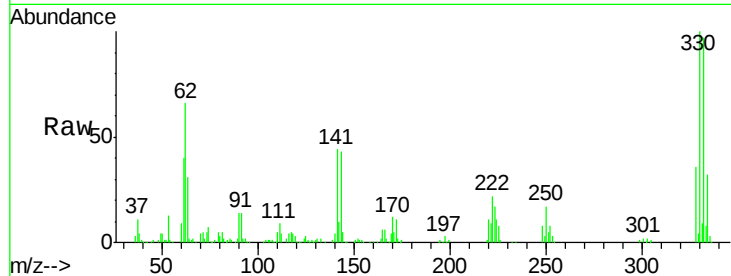
#41  
 2,4,6-Tribromophenol  
 Concen: 78.13 ng  
 RT: 10.75 min Scan# 758  
 Delta R.T. 0.00 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 97.3  | 0.0        | 0.0#  |
| 141     | 32.0  | 0.0        | 0.0#  |

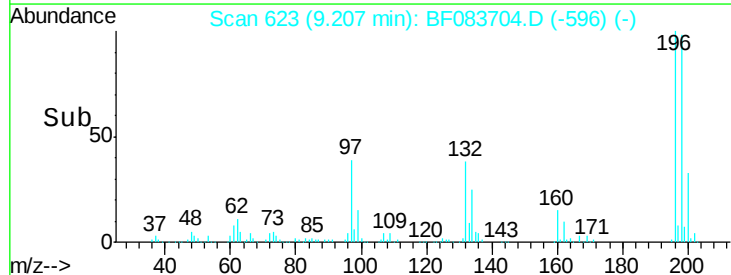
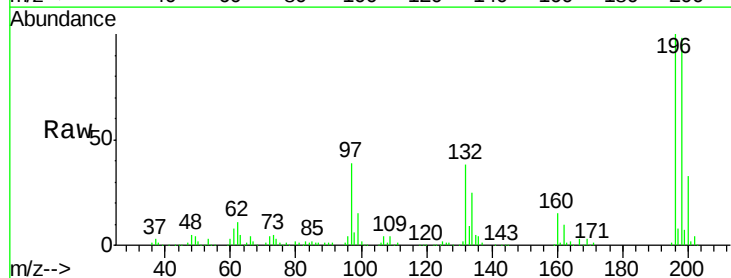
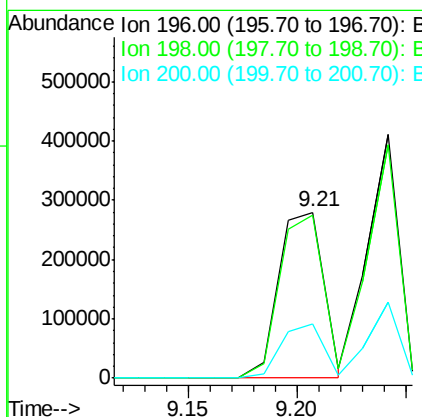
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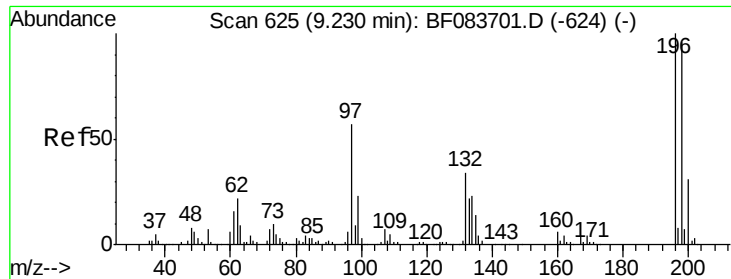
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#42  
 2,4,6-Trichlorophenol  
 Concen: 77.50 ng  
 RT: 9.21 min Scan# 623  
 Delta R.T. 0.01 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 196     | 100   |            |       |
| 198     | 98.2  | 75.2       | 112.8 |
| 200     | 32.7  | 23.0       | 34.6  |





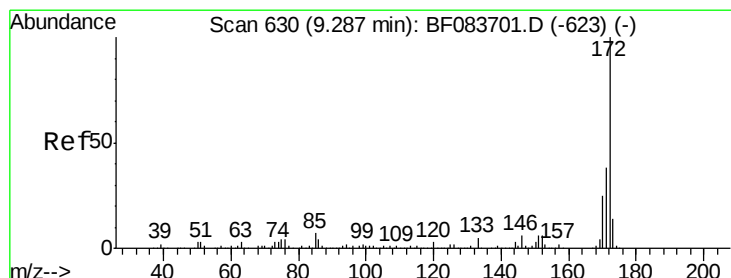
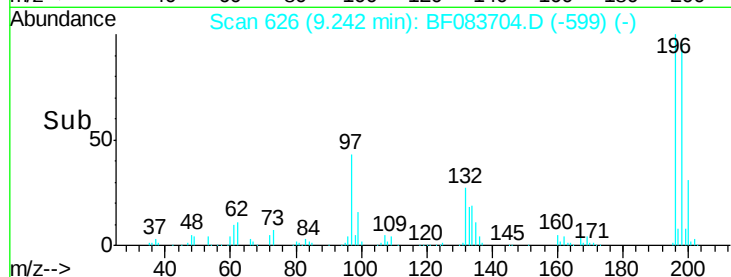
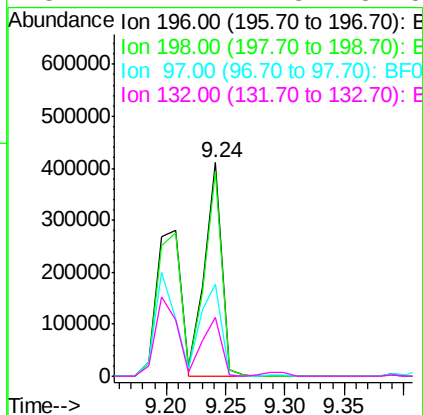
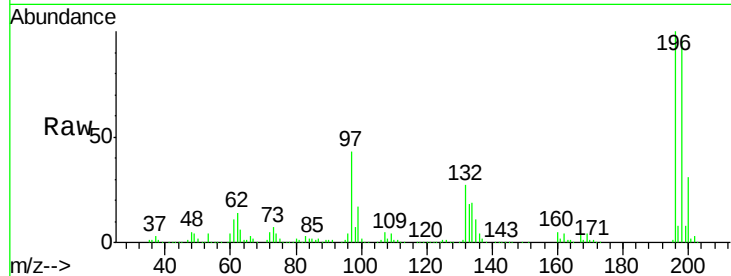
#43  
 2,4,5-Trichlorophenol  
 Concen: 82.65 ng  
 RT: 9.24 min Scan# 626  
 Delta R.T. 0.01 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 412531  | 196 | 100   |      |       |       |
|         | 198 | 96.1  | 77.7 | 116.5 |       |
|         | 97  | 43.0  | 41.2 | 61.8  |       |
|         | 132 | 27.4  | 21.8 | 32.8  |       |

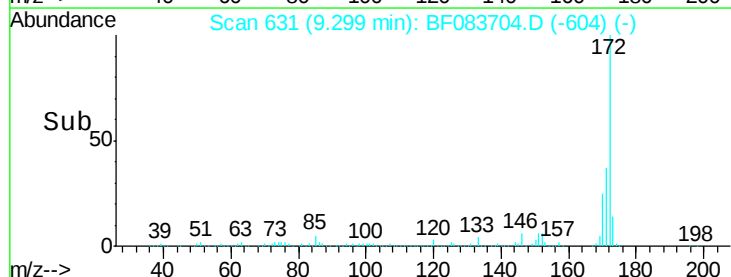
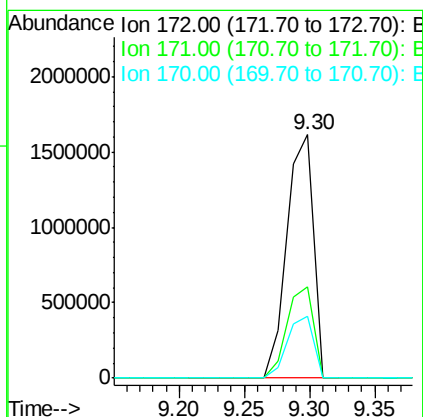
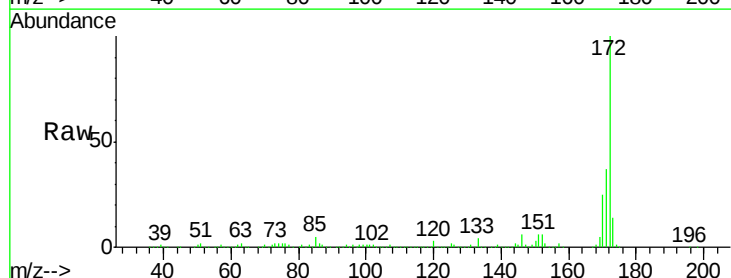
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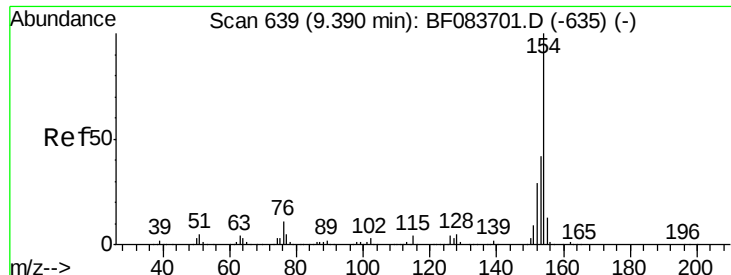
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#44  
 2-Fluorobiphenyl  
 Concen: 68.30 ng  
 RT: 9.30 min Scan# 631  
 Delta R.T. 0.01 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 2302928 | 172 | 100   |      |       |       |
|         | 171 | 37.4  | 28.6 | 42.8  |       |
|         | 170 | 25.2  | 19.4 | 29.0  |       |





#45

1,1'-Biphenyl

Concen: 59.96 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:154 Resp: 1318542

Ion Ratio Lower Upper

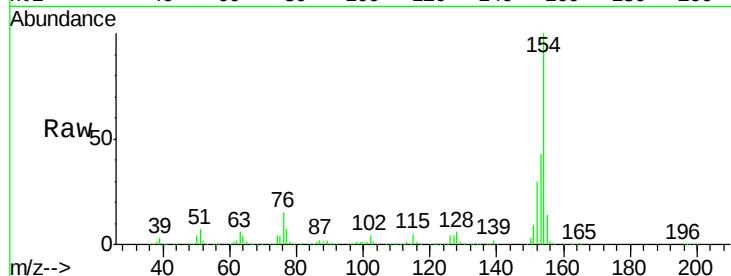
154 100

153 42.9 20.2 60.2

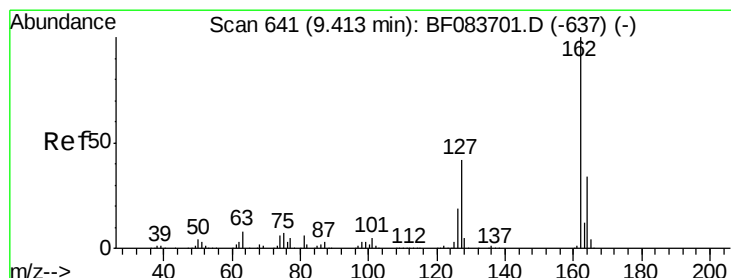
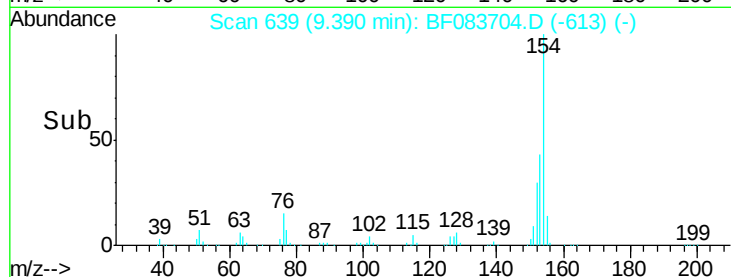
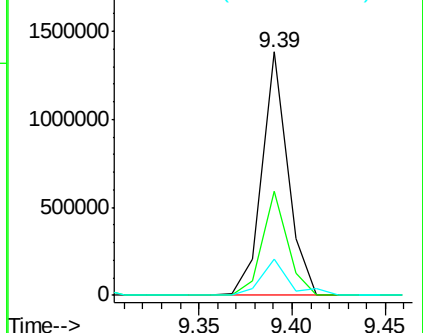
76 14.9 0.0 34.8

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



#46

2-Chloronaphthalene

Concen: 65.48 ng

RT: 9.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

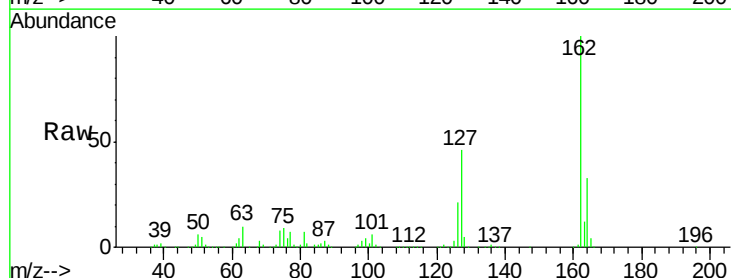
Tgt Ion:162 Resp: 1074413

Ion Ratio Lower Upper

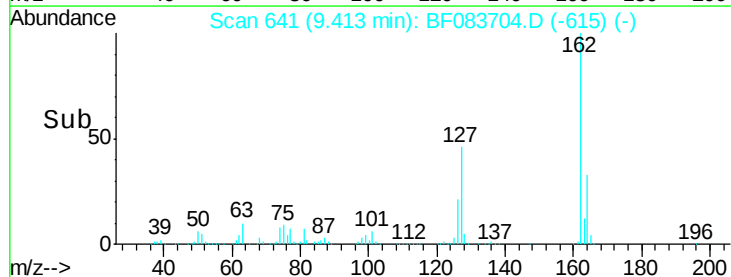
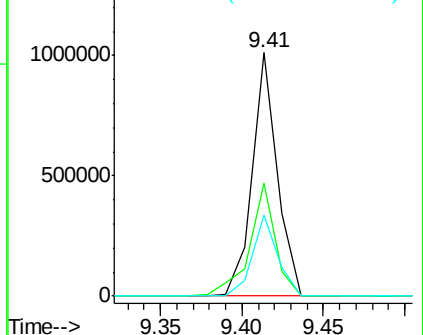
162 100

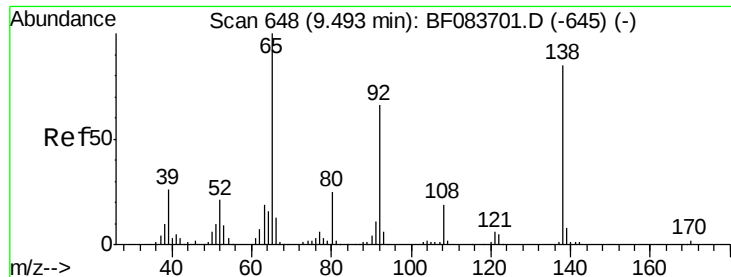
127 46.4 31.0 46.4#

164 33.5 27.4 41.0



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





#47

2-Nitroaniline

Concen: 109.42 ng

RT: 9.50 min Scan# 649

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

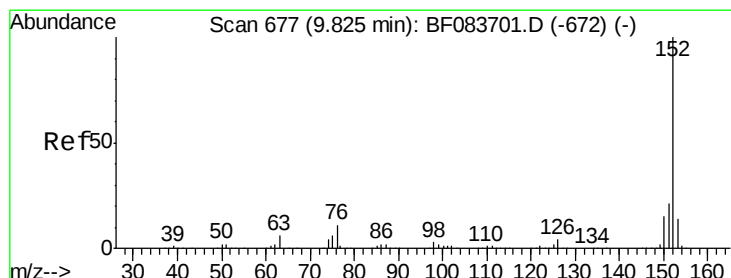
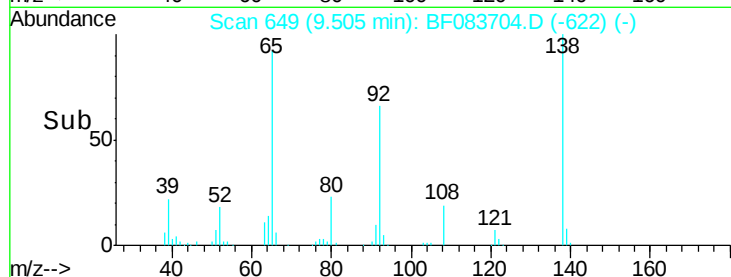
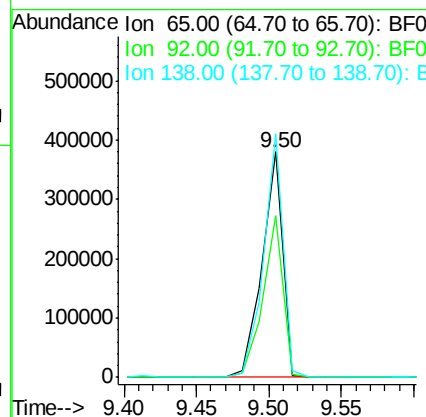
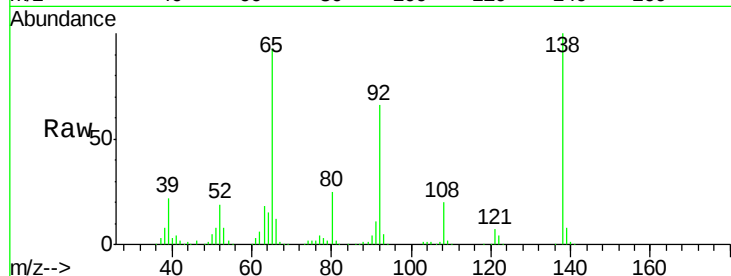
ClientSampleId :

SSTDICC080

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 65    | Resp: | 374004 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 71.5  | 49.6  | 74.4   |
| 138      | 107.9 | 64.1  | 96.1#  |

Manual Integrations  
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#48

Acenaphthylene

Concen: 72.65 ng

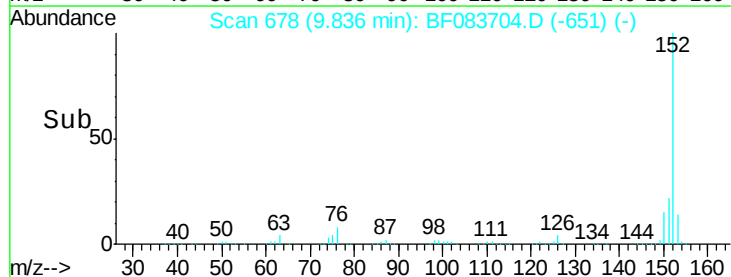
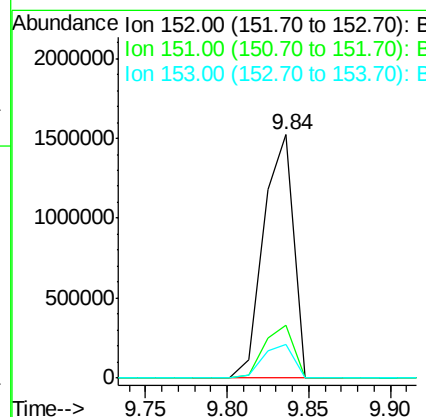
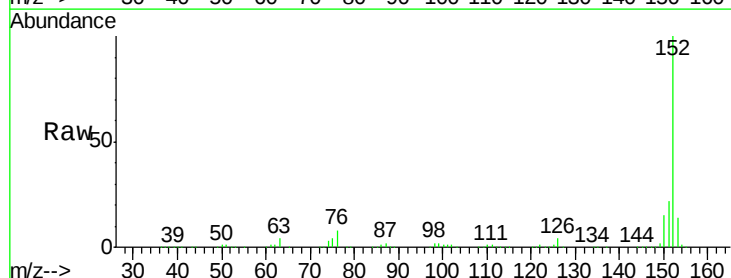
RT: 9.84 min Scan# 678

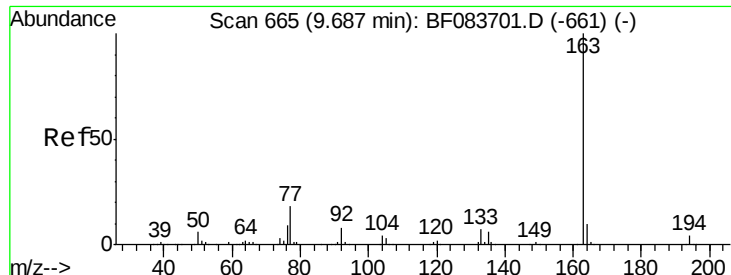
Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 152   | Resp: | 1938740 |
| Ion      | Ratio | Lower | Upper   |
| 152      | 100   |       |         |
| 151      | 21.6  | 16.3  | 24.5    |
| 153      | 13.9  | 10.8  | 16.2    |





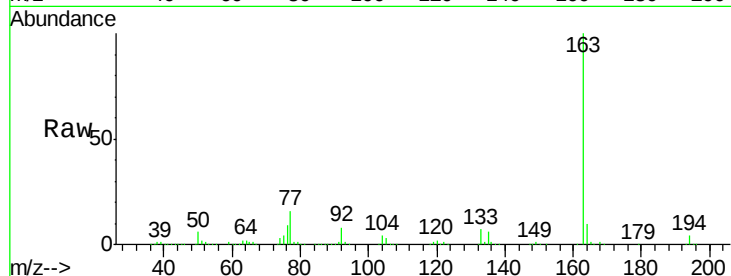
#49  
Dimethylphthalate  
Concen: 76.15 ng  
RT: 9.70 min Scan# 666  
Delta R.T. 0.01 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

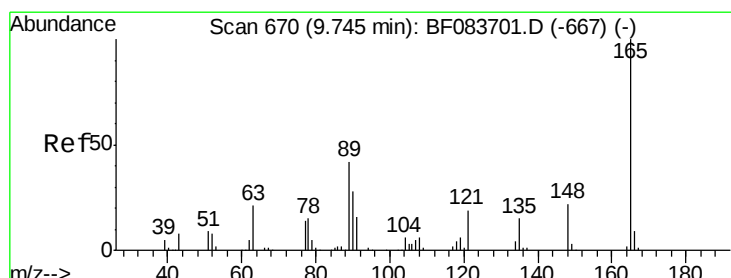
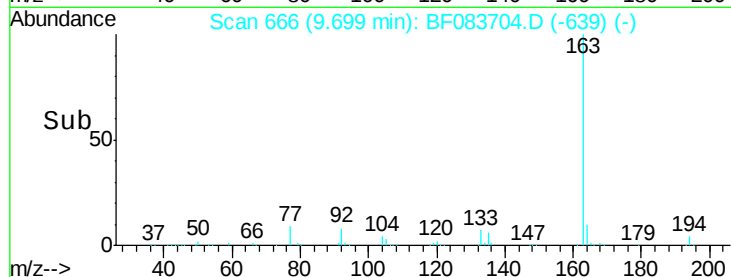
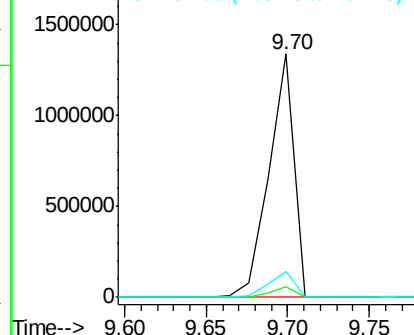
Tot Ion:163 Resp: 1434334  
Ion Ratio Lower Upper  
163 100  
194 4.2 2.8 4.2  
164 10.5 8.6 13.0

Manual Integrations  
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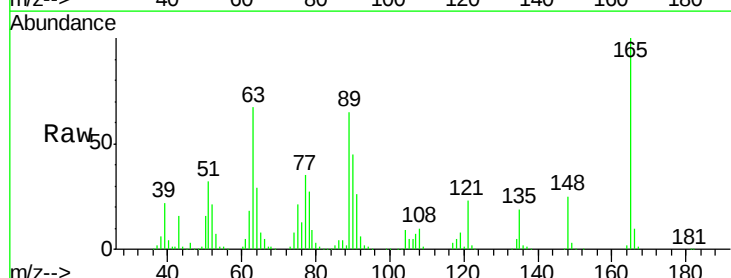


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

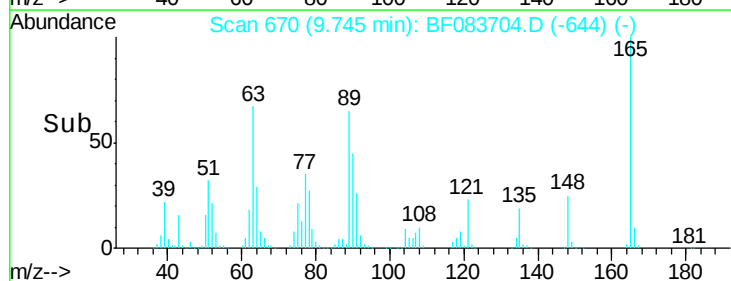
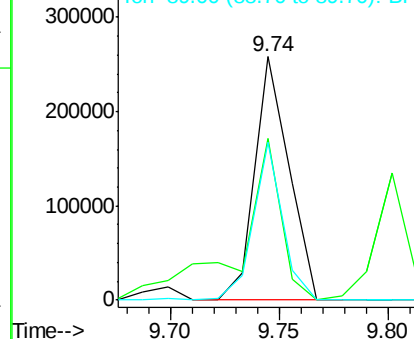


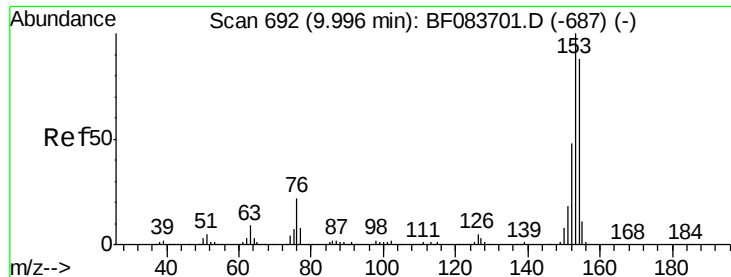
#50  
2,6-Dinitrotoluene  
Concen: 86.99 ng  
RT: 9.74 min Scan# 670  
Delta R.T. 0.00 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

Tgt Ion:165 Resp: 283580  
Ion Ratio Lower Upper  
165 100  
63 66.5 56.9 85.3  
89 64.8 52.1 78.1



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: 75.35 ng

RT: 10.01 min Scan# 693

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

ClientSampleId :

SSTDICC080

Tot Ion:154 Resp: 1184781

Ion Ratio Lower Upper

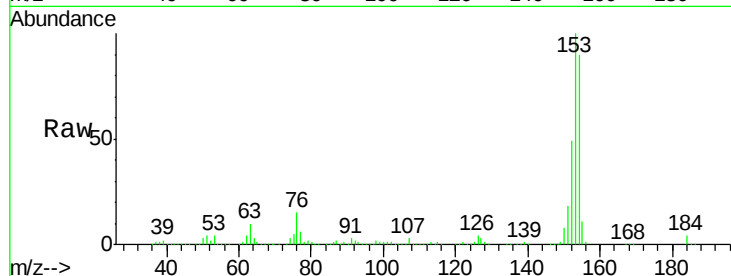
154 100

153 110.8 91.4 137.0

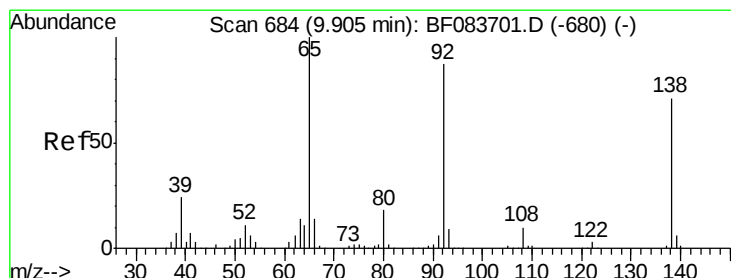
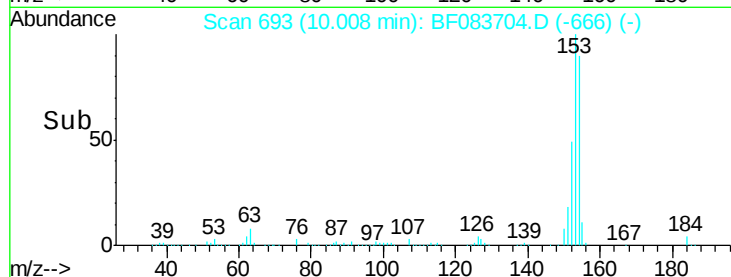
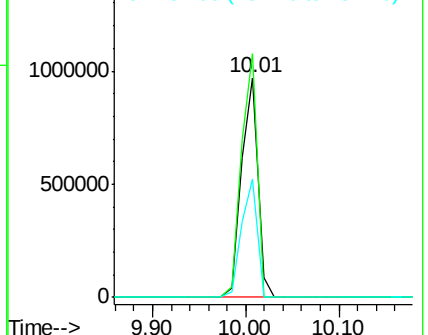
152 54.0 43.4 65.2

Manual Integrations  
APPROVED

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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: 93.35 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

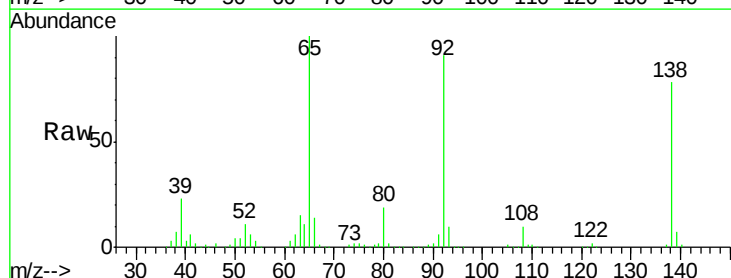
Tgt Ion:138 Resp: 339426

Ion Ratio Lower Upper

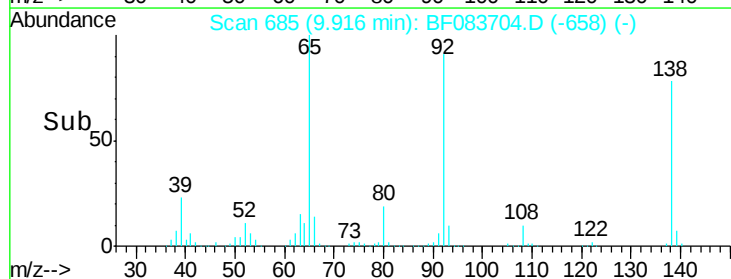
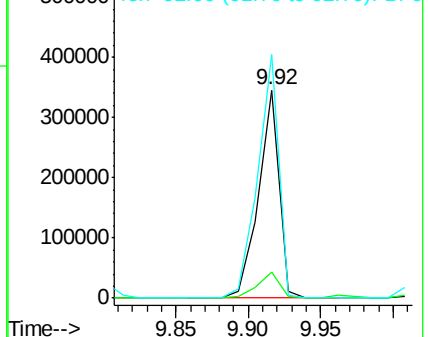
138 100

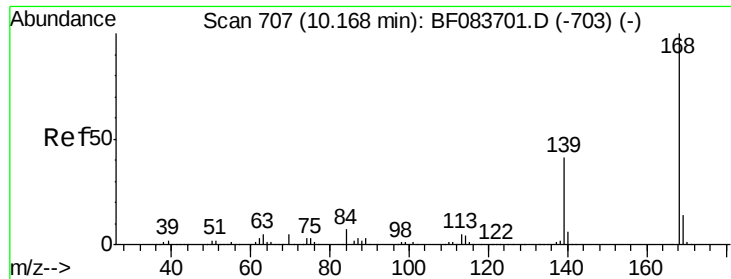
108 12.7 9.9 14.9

92 116.8 113.8 170.8



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





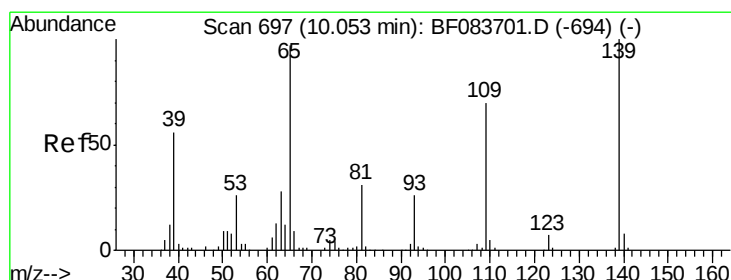
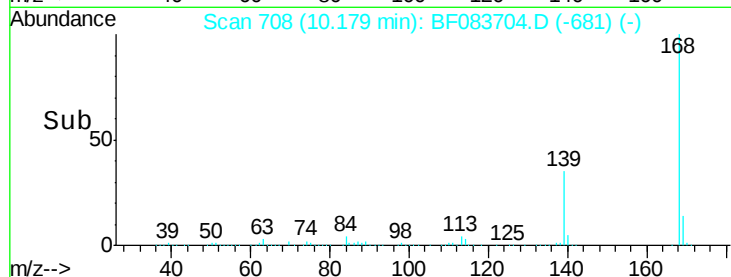
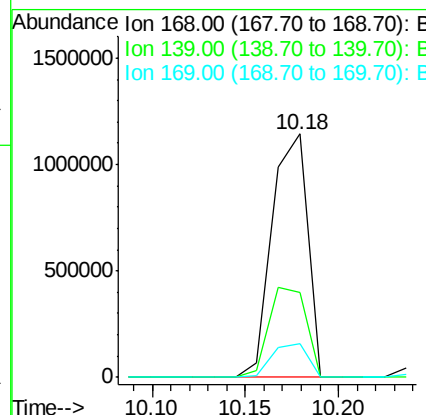
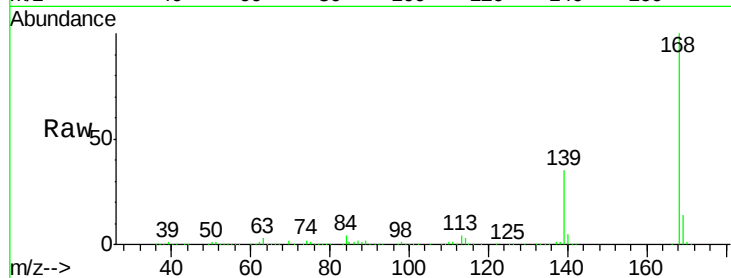
#54  
Dibenzenofuran  
Concen: 71.84 ng  
RT: 10.18 min Scan# 708  
Delta R.T. 0.01 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

Tot Ion:168 Resp: 1513768  
Ion Ratio Lower Upper  
168 100  
139 34.9 28.0 42.0  
169 13.7 10.8 16.2

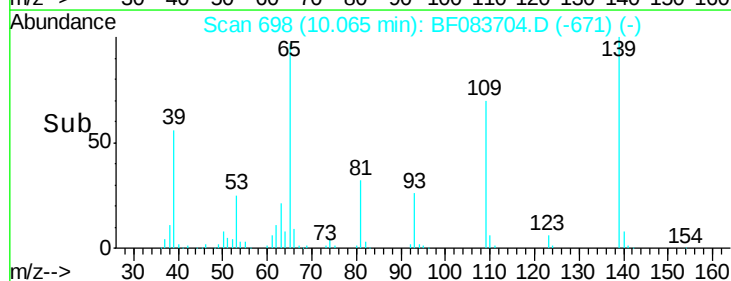
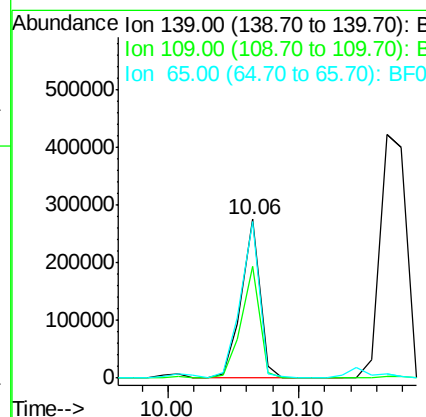
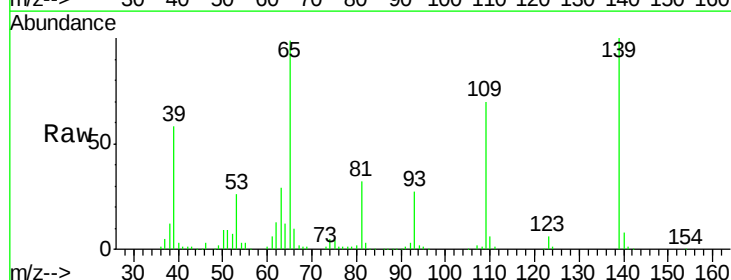
Manual Integrations  
APPROVED

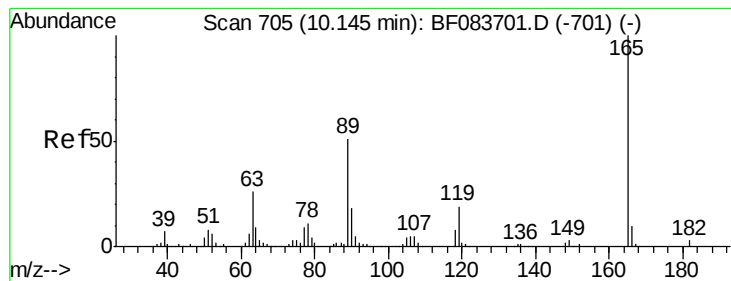
MMdadoda  
12/14/2015 6:22:24 PM



#55  
4-Nitrophenol  
Concen: 86.09 ng  
RT: 10.06 min Scan# 698  
Delta R.T. 0.01 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

Tgt Ion:139 Resp: 273076  
Ion Ratio Lower Upper  
139 100  
109 70.1 42.0 82.0  
65 98.7 89.2 129.2





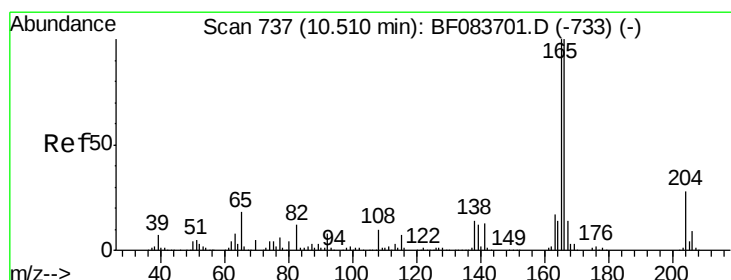
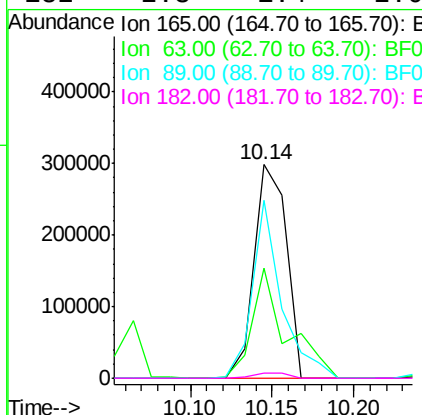
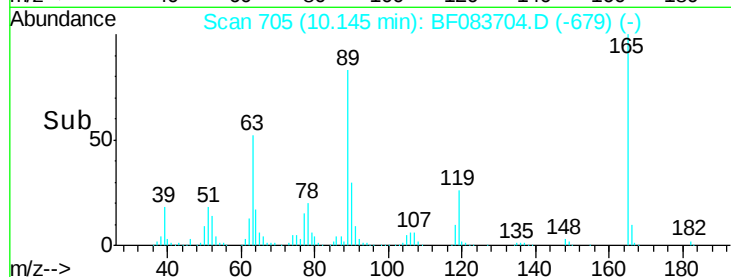
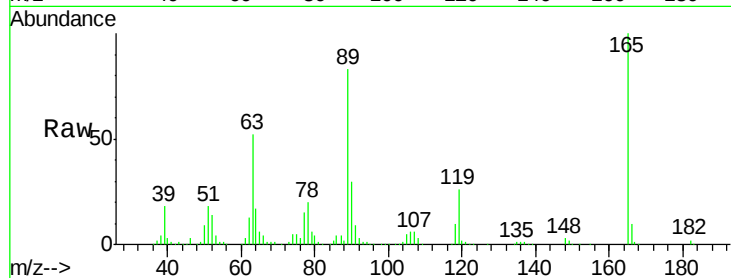
#56  
 2,4-Dinitrotoluene  
 Concen: 102.17 ng  
 RT: 10.14 min Scan# 705  
 Delta R.T. 0.00 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 165     | 100  |       | 409753 |       |       |
| 63      | 51.5 | 51.4  | 77.2   |       |       |
| 89      | 83.4 | 72.6  | 108.8  |       |       |
| 182     | 2.3  | 1.4   | 2.0#   |       |       |

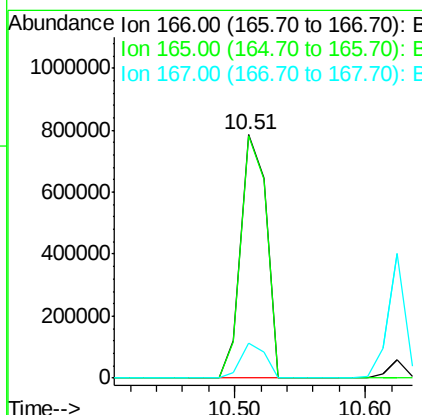
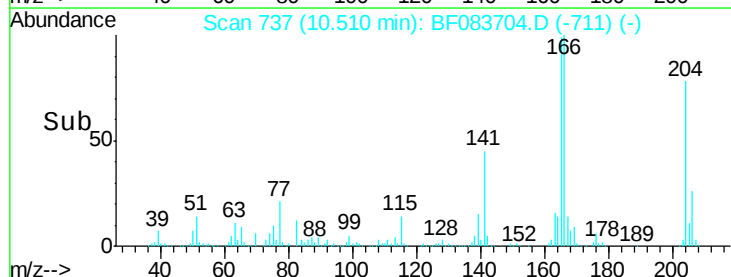
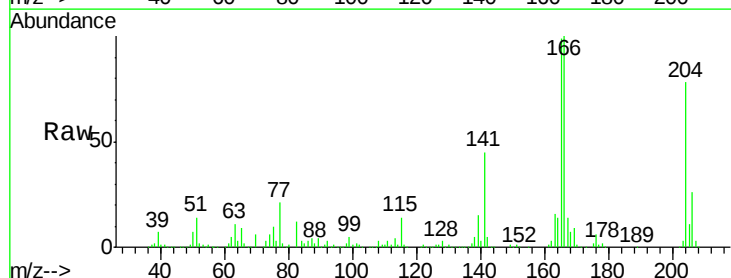
Manual Integrations  
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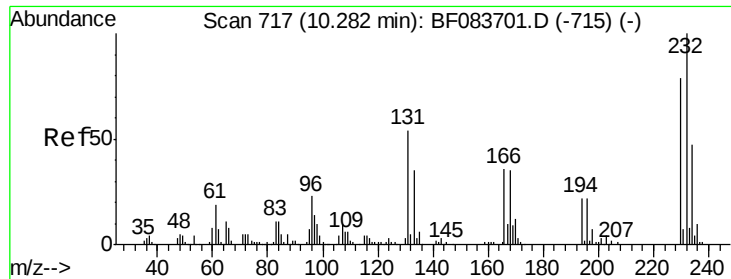
MMdadoda  
 12/14/2015 6:22:24 PM



#57  
 Fluorene  
 Concen: 62.82 ng  
 RT: 10.51 min Scan# 737  
 Delta R.T. 0.00 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

| Tgt Ion | Ion  | Ratio | Resp    | Lower | Upper |
|---------|------|-------|---------|-------|-------|
| 166     | 100  |       | 1067920 |       |       |
| 165     | 99.4 | 80.0  | 120.0   |       |       |
| 167     | 14.3 | 10.6  | 16.0    |       |       |





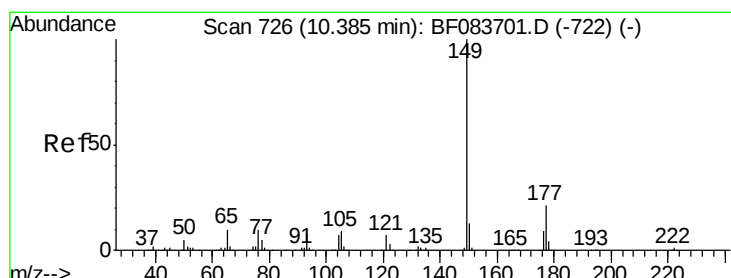
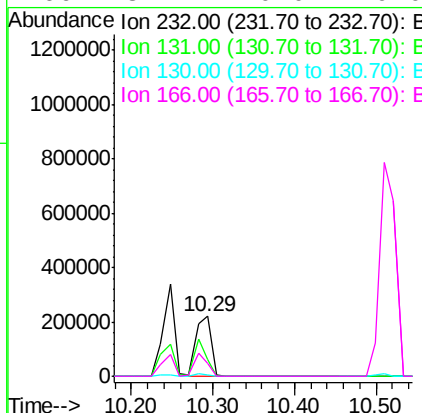
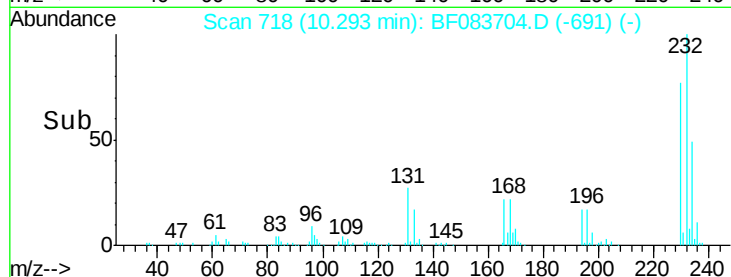
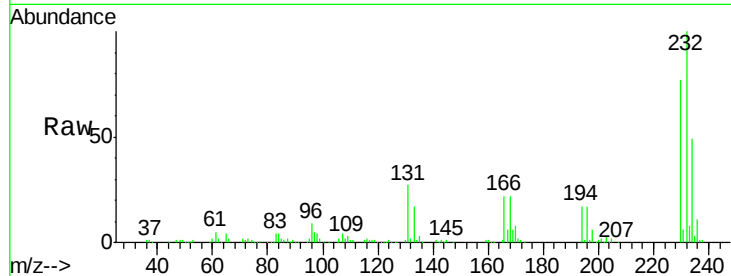
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 77.75 ng  
 RT: 10.29 min Scan# 718  
 Delta R.T. 0.01 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 232     | 100   |            |       |
| 131     | 48.8  | 0.0        | 0.0#  |
| 130     | 2.5   | 0.0        | 0.0#  |
| 166     | 32.7  | 0.0        | 0.0#  |

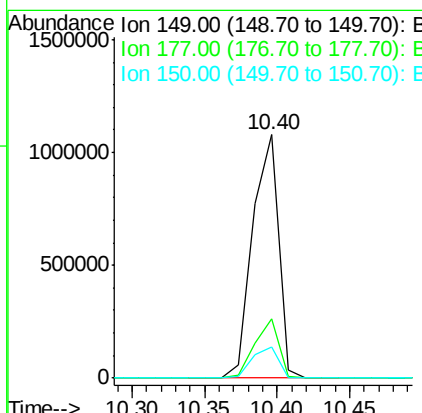
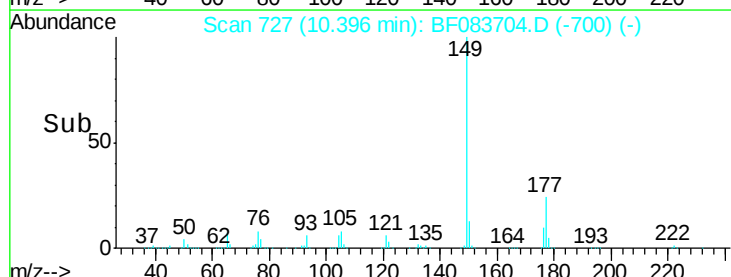
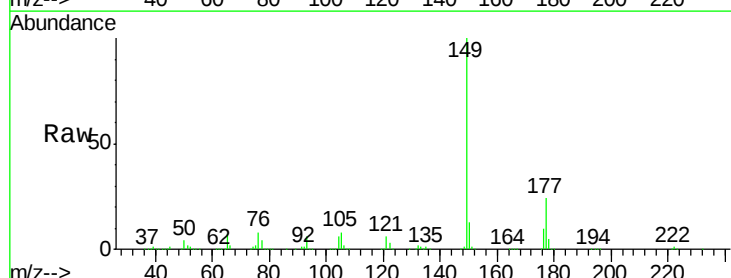
Manual Integrations  
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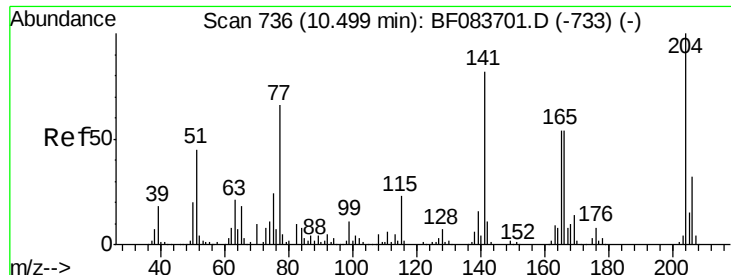
MMdadoda  
 12/14/2015 6:22:24 PM



#59  
 Diethylphthalate  
 Concen: 75.65 ng  
 RT: 10.40 min Scan# 727  
 Delta R.T. 0.01 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 177     | 24.3  | 16.9       | 25.3  |
| 150     | 12.8  | 10.2       | 15.4  |





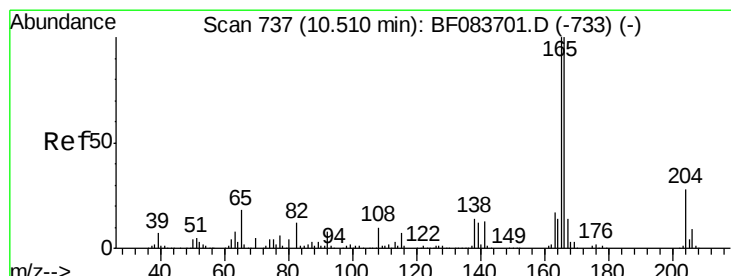
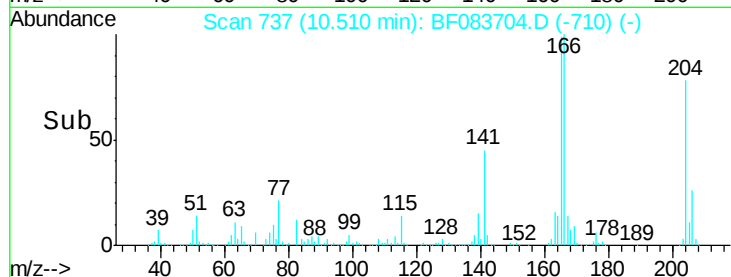
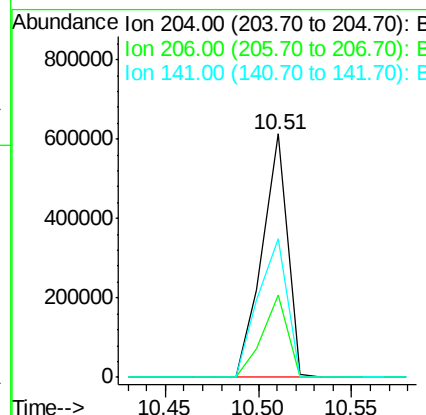
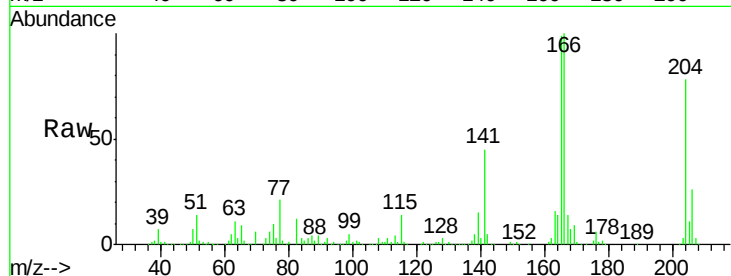
#60  
4-Chlorophenyl-phenylether  
Concen: 72.33 ng  
RT: 10.51 min Scan# 737  
Delta R.T. 0.01 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 576621 |       |       |
| 206     | 33.7  |        | 27.3  | 40.9  |
| 141     | 57.0  |        | 51.9  | 77.9  |

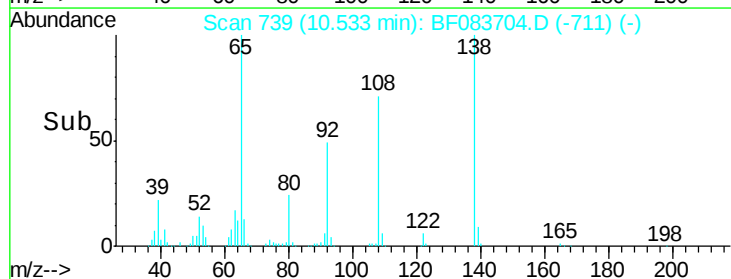
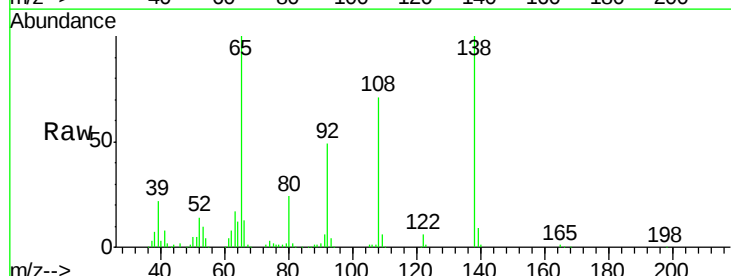
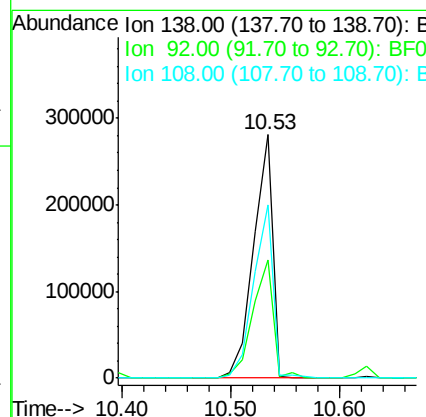
Manual Integrations  
APPROVED

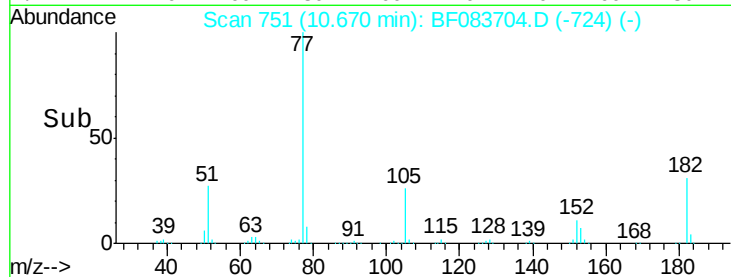
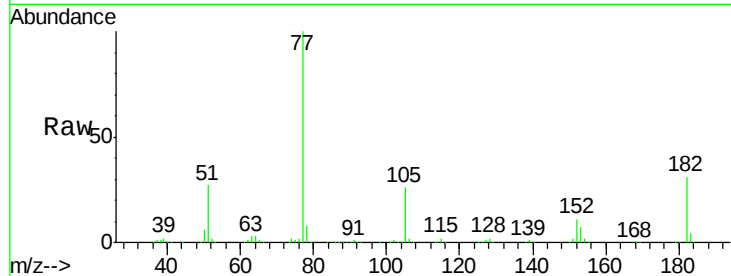
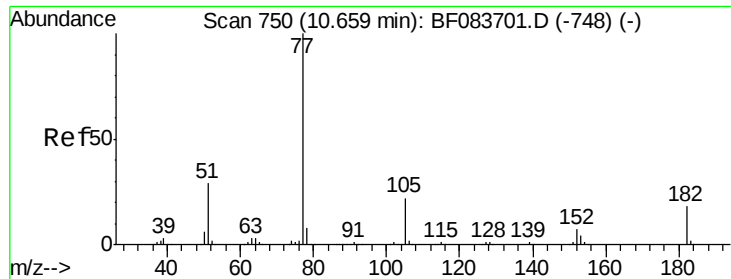
MMdadoda  
12/14/2015 6:22:24 PM



#61  
4-Nitroaniline  
Concen: 102.19 ng  
RT: 10.53 min Scan# 739  
Delta R.T. 0.02 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 345188 |       |       |
| 92      | 48.7  |        | 29.0  | 69.0  |
| 108     | 71.2  |        | 47.4  | 87.4  |





#62

Azobenzene

Concen: 80.50 ng

RT: 10.67 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Tot Ion: 77 Resp: 1342366

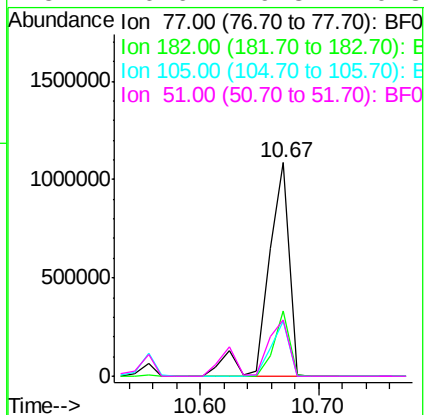
Ion Ratio Lower Upper

77 100

182 30.6 2.5 42.5

105 25.9 2.1 42.1

51 26.6 9.3 49.3



Instrument :

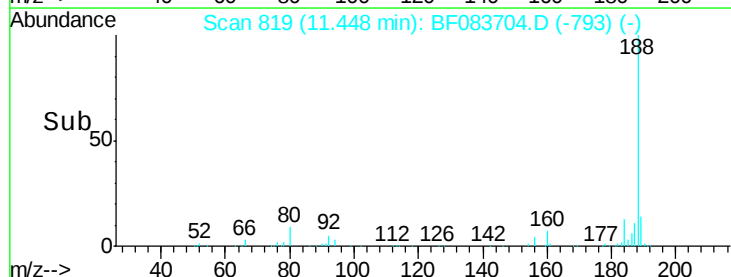
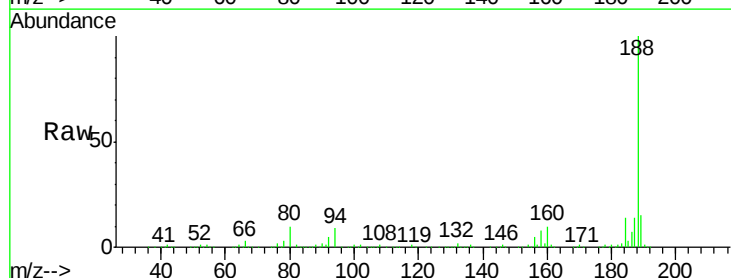
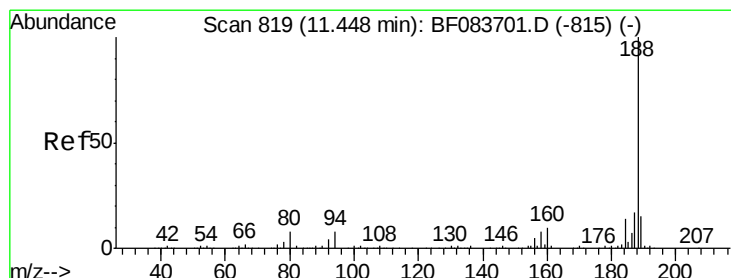
BNA\_F

ClientSampleId :

SSTDIC080

Manual Integrations  
APPROVED

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#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

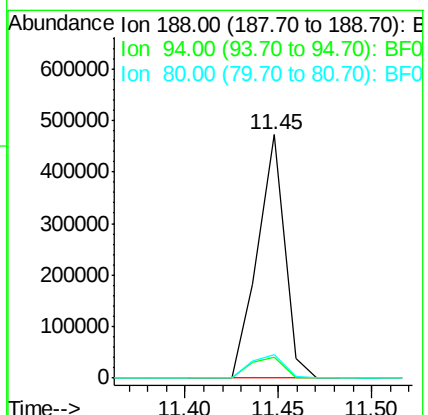
Tgt Ion: 188 Resp: 476336

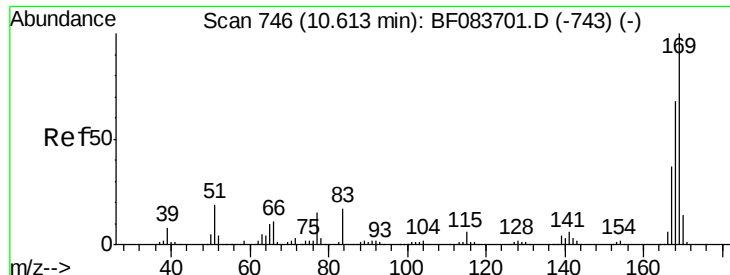
Ion Ratio Lower Upper

188 100

94 8.8 9.4 14.2#

80 9.6 10.6 16.0#





#65

n-Nitrosodiphenylamine

Concen: 61.15 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:169 Resp: 1000648

Ion Ratio Lower Upper

169 100

168 68.1 53.0 79.6

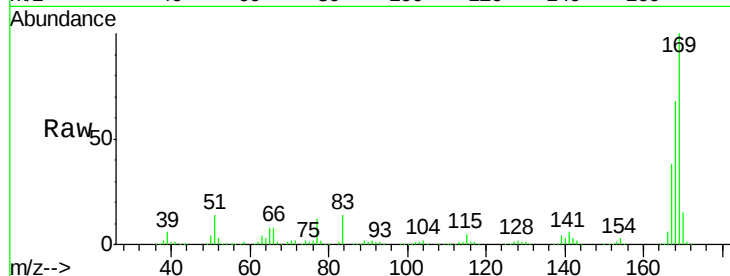
167 37.7 29.3 43.9

Manual Integrations

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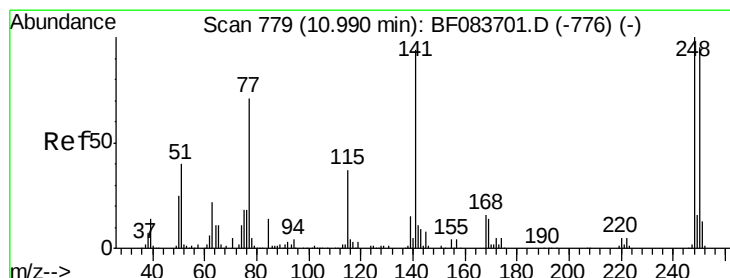
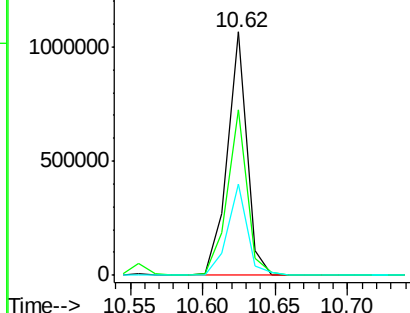
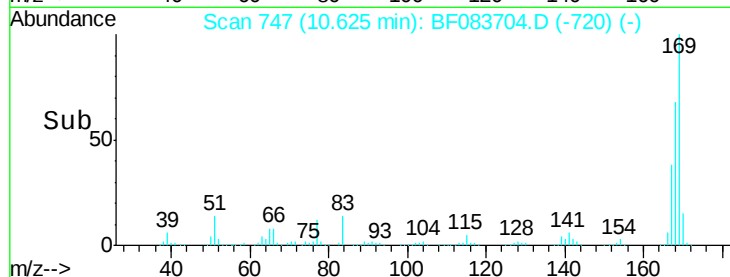
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 73.05 ng

RT: 11.00 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

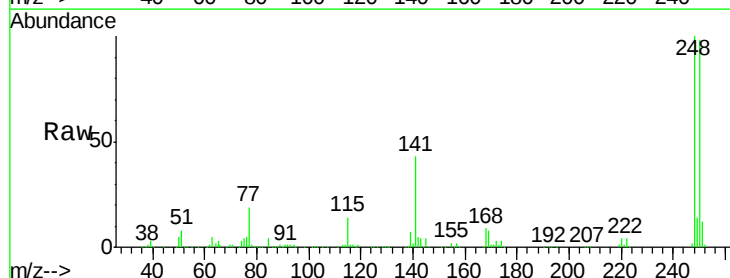
Tgt Ion:248 Resp: 376569

Ion Ratio Lower Upper

248 100

250 98.2 79.2 118.8

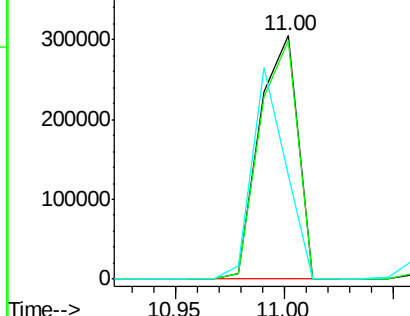
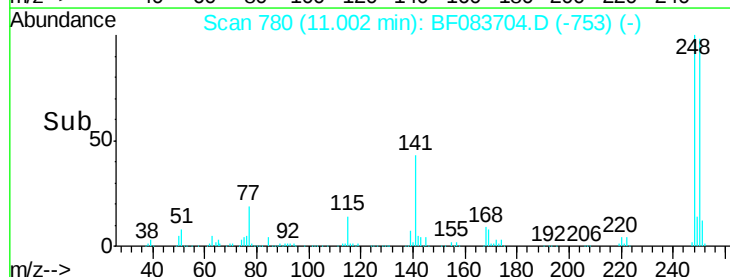
141 43.0 58.2 87.4#

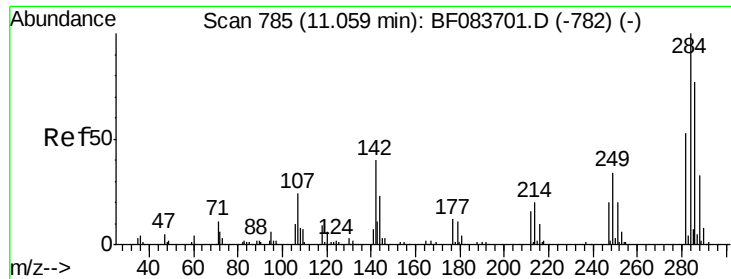


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





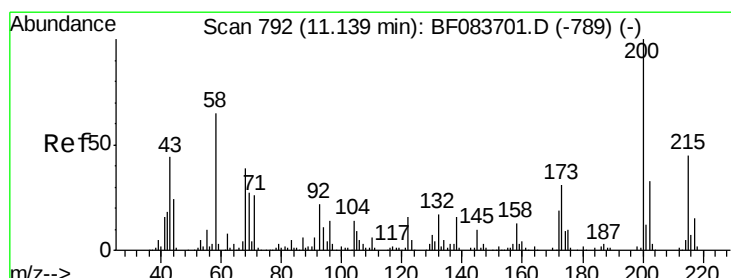
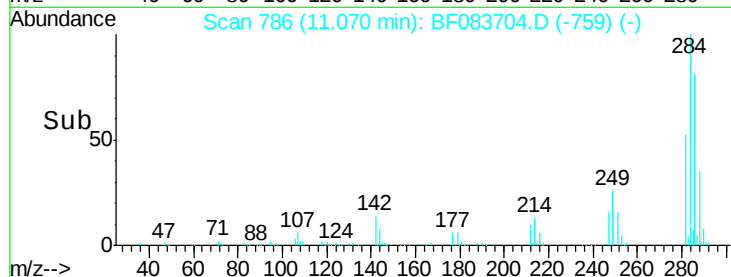
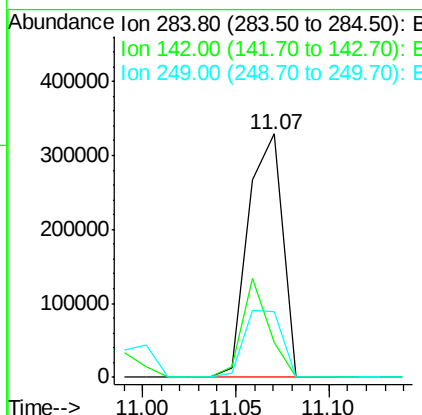
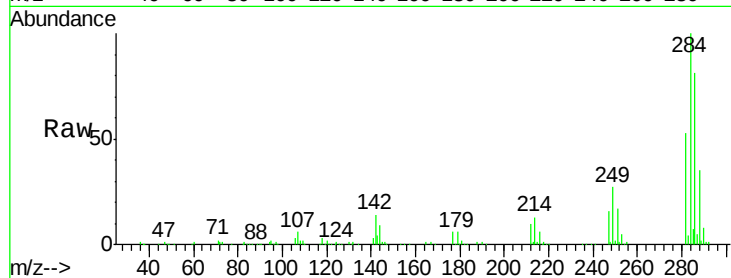
#67  
Hexachlorobenzene  
Concen: 74.82 ng  
RT: 11.07 min Scan# 786  
Delta R.T. 0.01 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 284     | 100   |      |       |       |
| 142     | 14.2  | 31.0 | 46.4  |       |
| 249     | 26.8  | 26.9 | 40.3  |       |

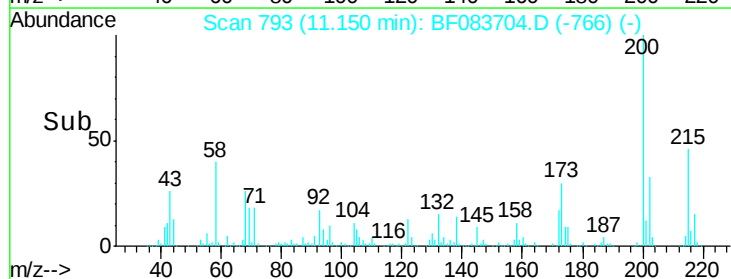
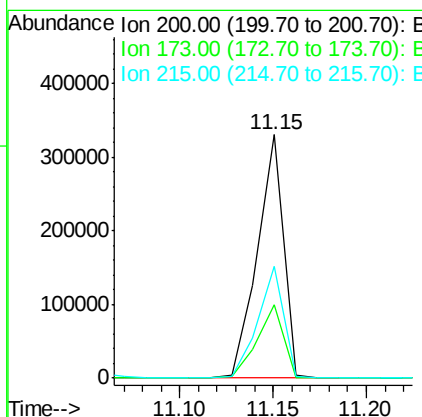
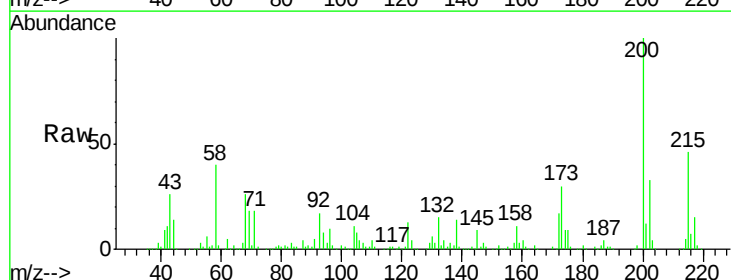
Manual Integrations  
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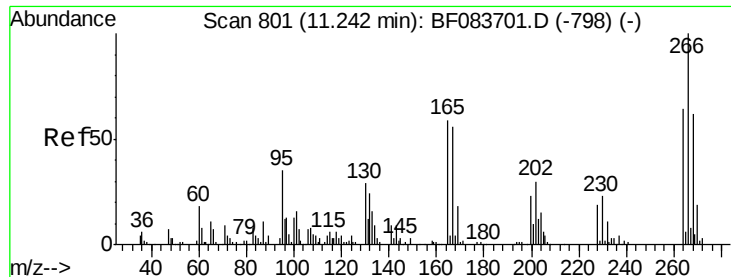
MMdadoda  
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#68  
Atrazine  
Concen: 69.42 ng  
RT: 11.15 min Scan# 793  
Delta R.T. 0.01 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 200     | 100   |      |       |       |
| 173     | 29.9  | 7.8  | 47.8  |       |
| 215     | 46.0  | 25.7 | 65.7  |       |





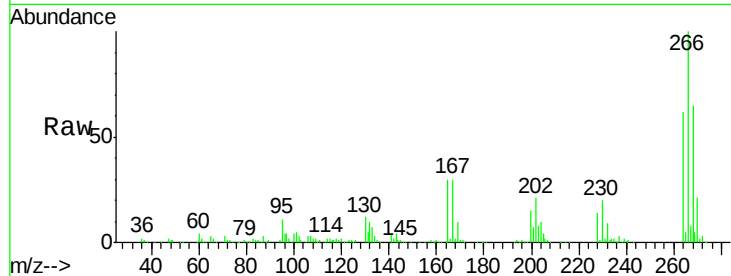
#69  
 Pentachlorophenol  
 Concen: 89.64 ng  
 RT: 11.25 min Scan# 802  
 Delta R.T. 0.01 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

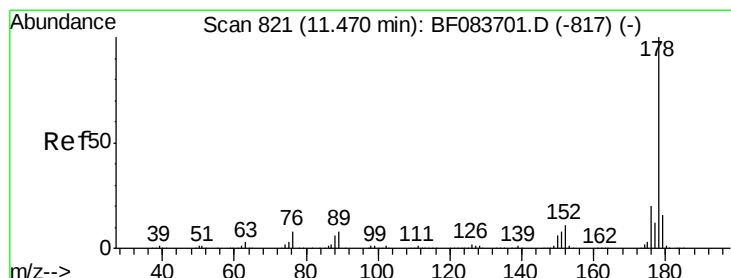
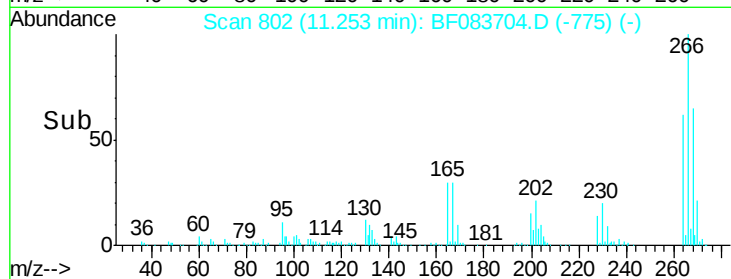
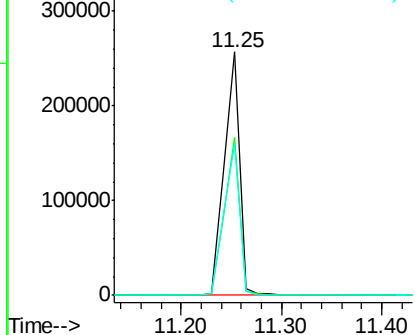
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 272737 |       |       |
| 268     | 65.1  | 50.2   | 75.2  |       |
| 264     | 62.4  | 51.4   | 77.2  |       |

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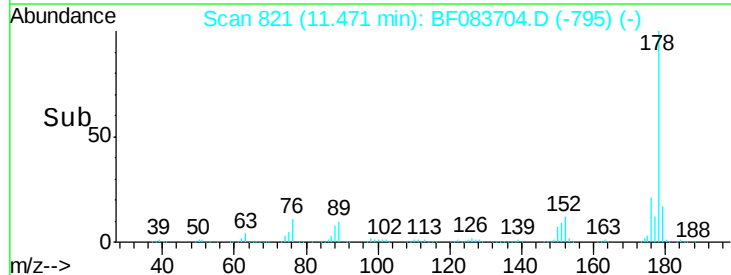
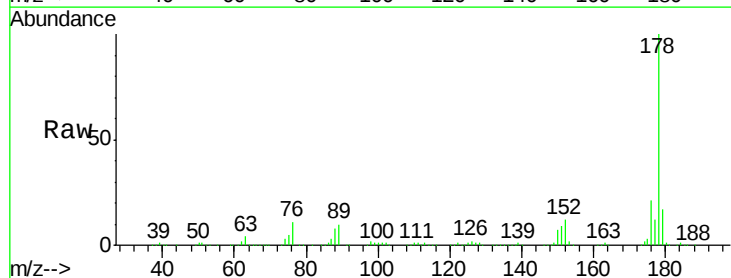
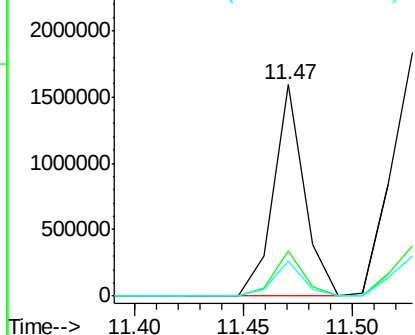
Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

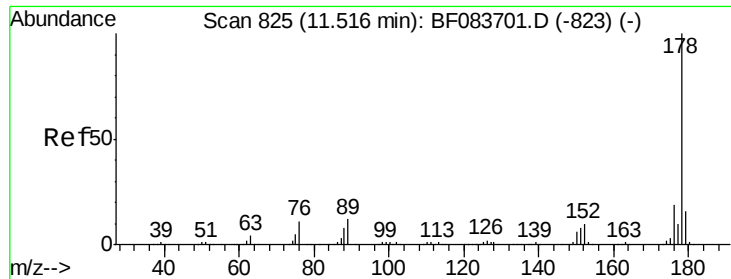


#70  
 Phenanthrene  
 Concen: 58.02 ng  
 RT: 11.47 min Scan# 821  
 Delta R.T. 0.00 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1570217 |       |       |
| 176     | 21.2  | 15.7    | 23.5  |       |
| 179     | 16.8  | 12.2    | 18.4  |       |

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





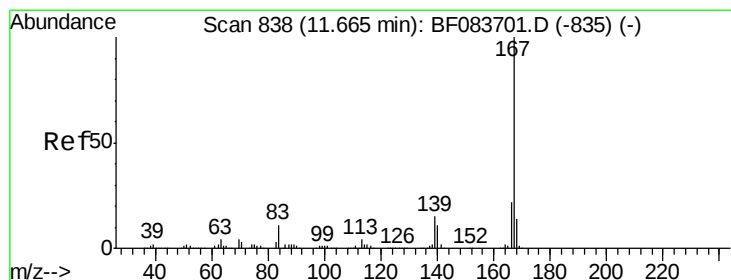
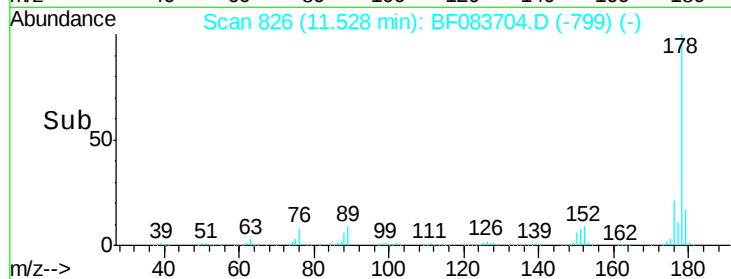
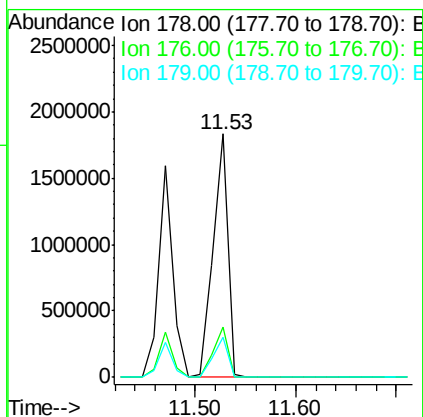
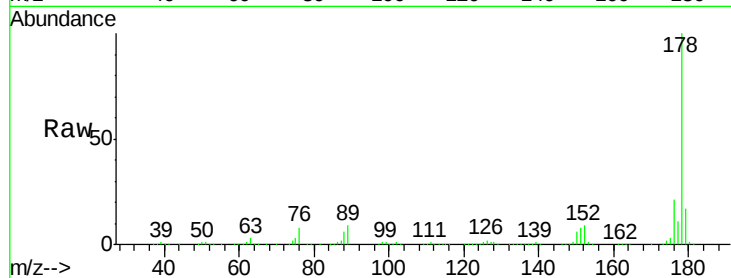
#71  
 Anthracene  
 Concen: 68.33 ng  
 RT: 11.53 min Scan# 826  
 Delta R.T. 0.01 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 178     | 100  |       |       |       |
| 176     | 20.5 | 15.2  | 22.8  |       |
| 179     | 16.6 | 12.6  | 18.8  |       |

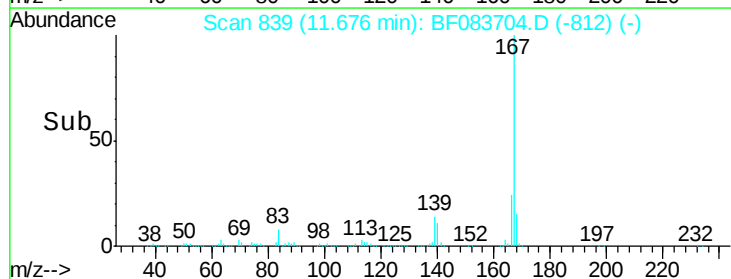
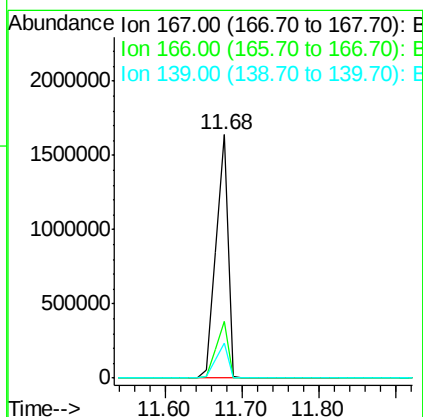
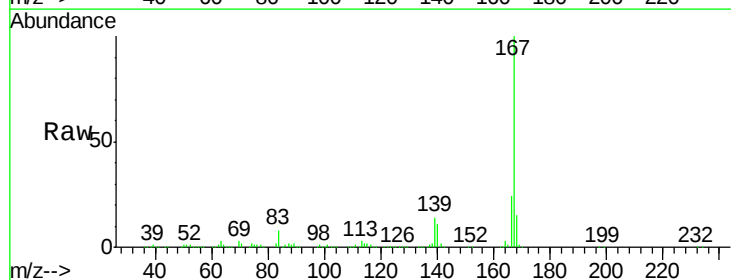
Manual Integrations  
 APPROVED

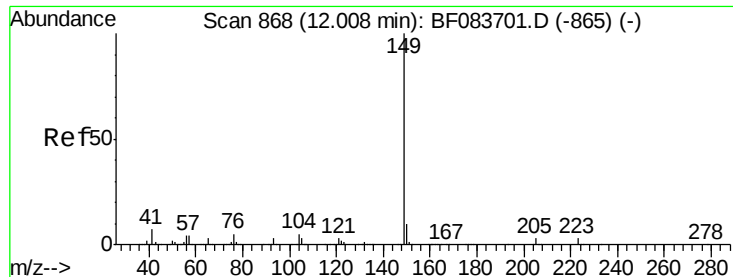
MMdadoda  
 12/14/2015 6:22:24 PM



#72  
 Carbazole  
 Concen: 70.17 ng  
 RT: 11.68 min Scan# 839  
 Delta R.T. 0.01 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 167     | 100  |       |       |       |
| 166     | 23.5 | 17.2  | 25.8  |       |
| 139     | 14.2 | 9.3   | 13.9  |       |





#73

Di-n-butylphthalate

Concen: 61.41 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

ClientSampleId :

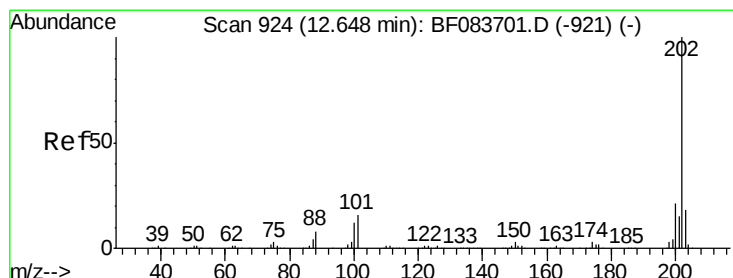
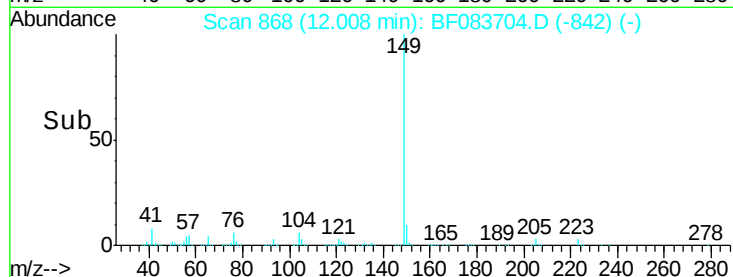
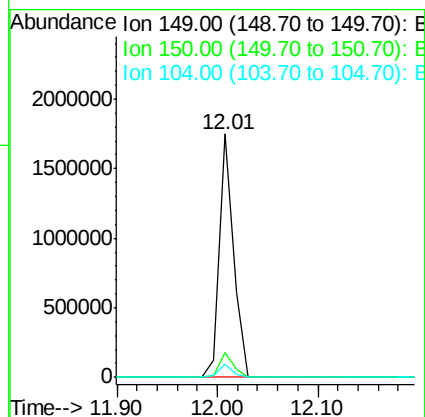
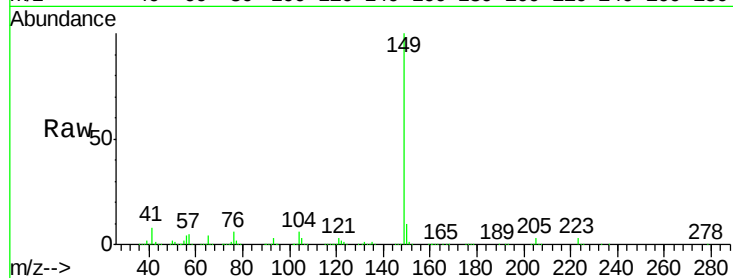
SSTDIC080

Manual Integrations  
APPROVED

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Tot Ion:149 Resp: 1705673

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.2  | 7.8   | 11.6  |
| 104 | 5.6   | 3.9   | 5.9   |



#74

Fluoranthene

Concen: 68.77 ng

RT: 12.66 min Scan# 925

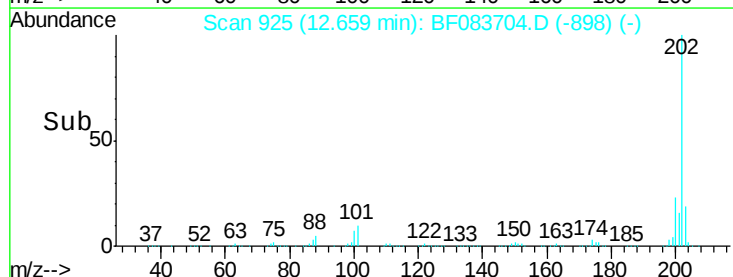
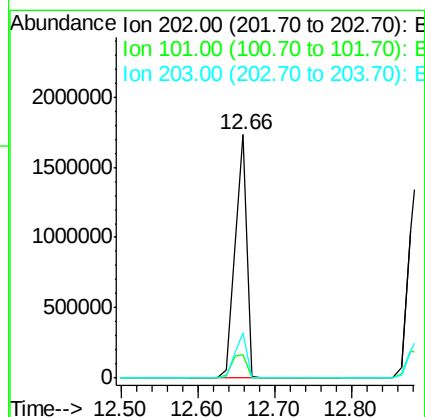
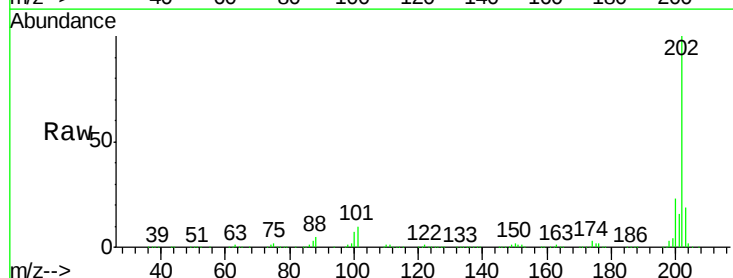
Delta R.T. 0.01 min

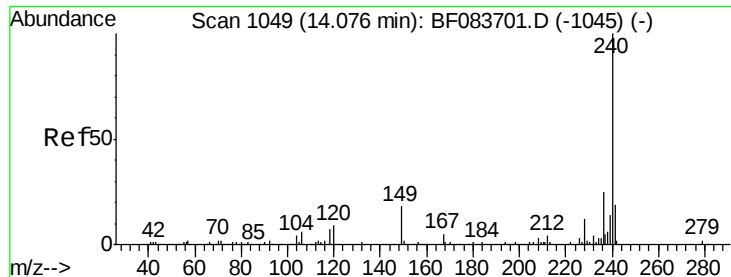
Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Tgt Ion:202 Resp: 1909573

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 9.7   | 0.0   | 31.5  |
| 203 | 18.8  | 0.0   | 37.6  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

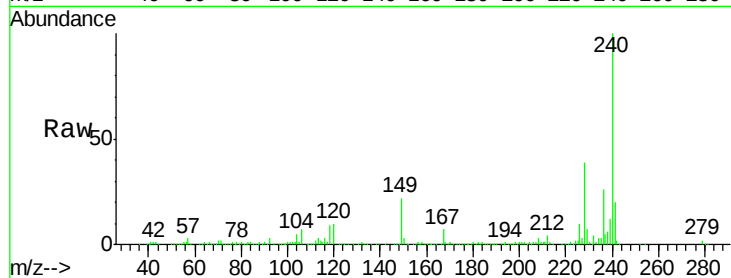
ClientSampleId :

SSTDIC080

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 240  | Resp: | 300717 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 10.2 | 8.1   | 12.1   |
| 236       | 25.9 | 20.8  | 31.2   |

Manual Integrations  
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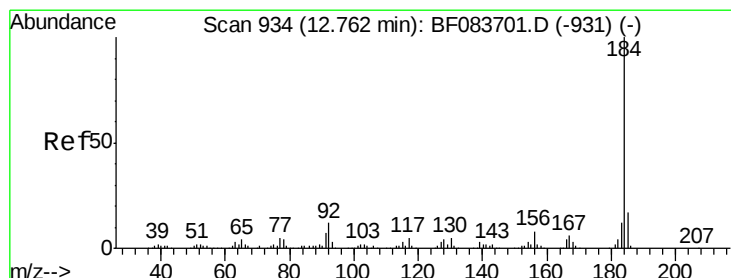
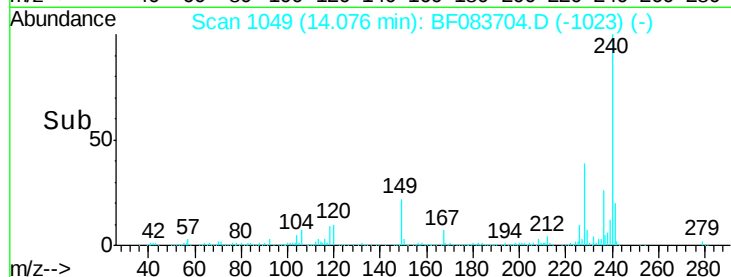
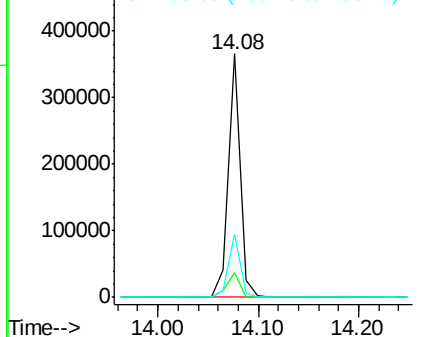
MMdadoda  
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 67.74 ng

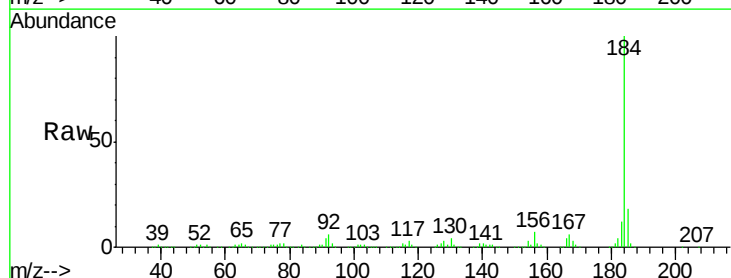
RT: 12.77 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

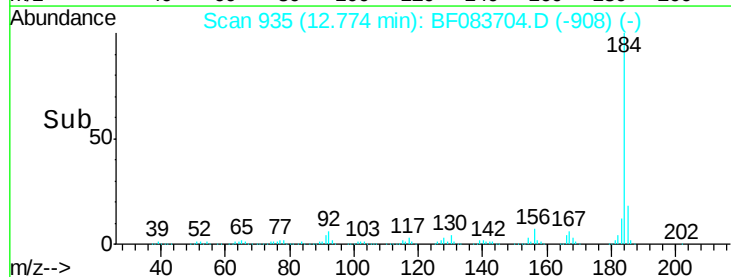
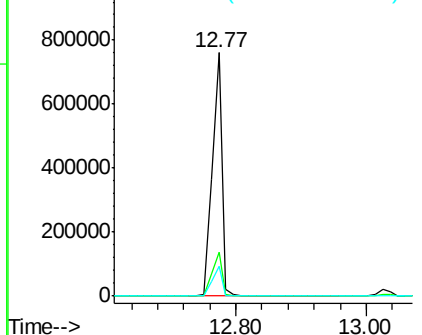
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 184  | Resp: | 802919 |
| Ion Ratio |      | Lower | Upper  |
| 184       | 100  |       |        |
| 185       | 18.0 | 13.0  | 19.6   |
| 183       | 12.3 | 9.0   | 13.4   |

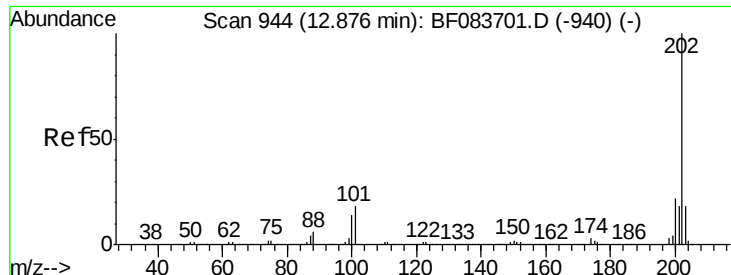


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





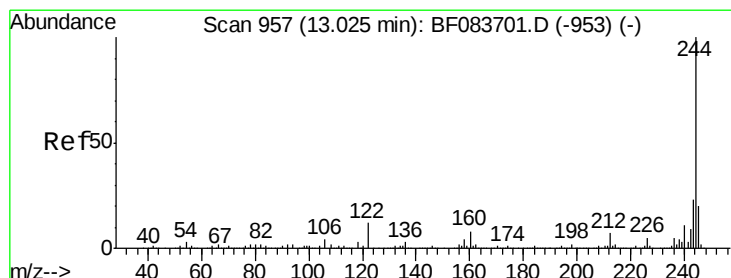
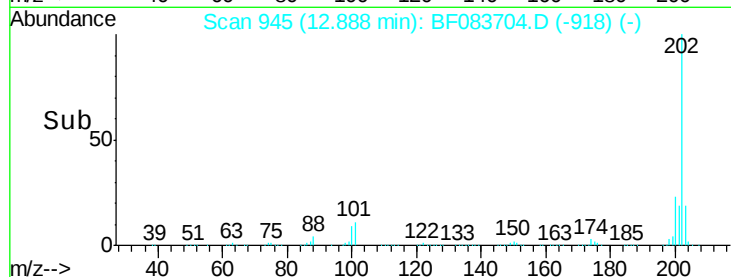
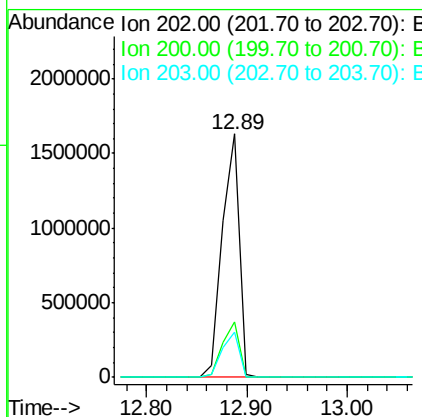
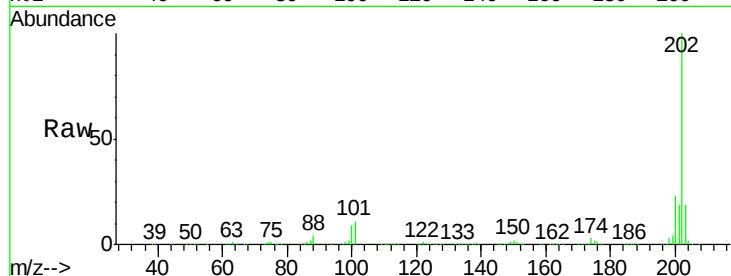
#77  
Pvrene  
Concen: 80.72 ng  
RT: 12.89 min Scan# 945  
Delta R.T. 0.01 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC080

Tot Ion:202 Resp: 1911480  
Ion Ratio Lower Upper  
202 100  
200 22.6 16.7 25.1  
203 18.6 14.3 21.5

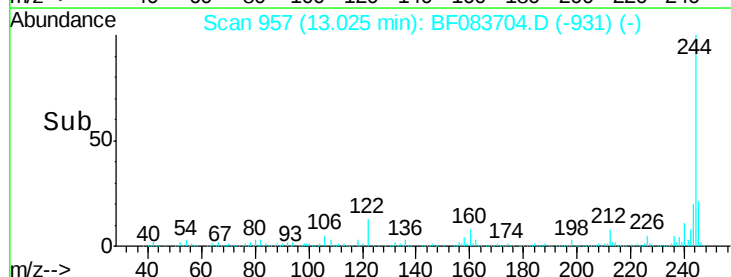
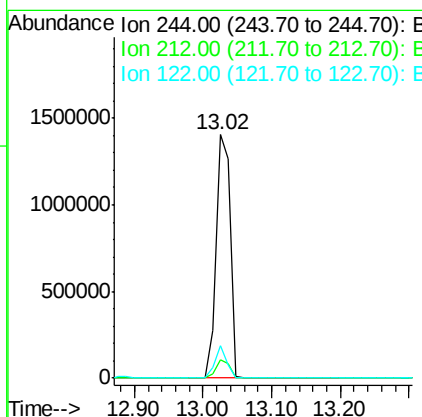
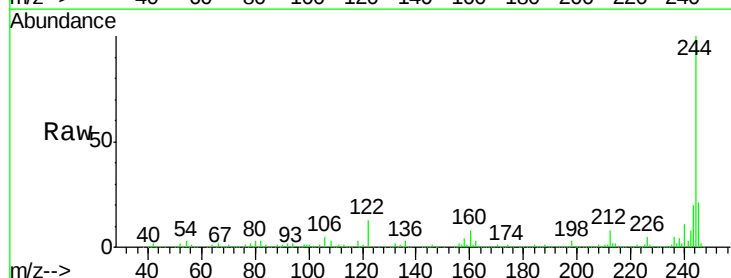
Manual Integrations  
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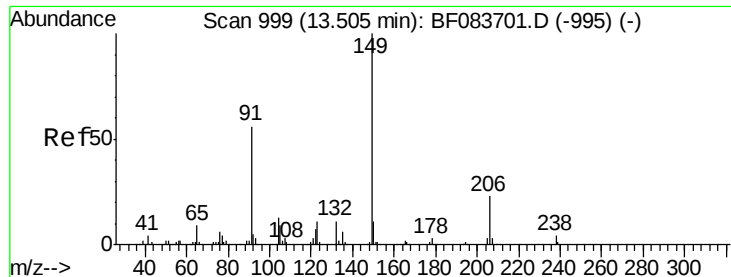
MMdadoda  
12/14/2015 6:22:24 PM



#78  
Terphenyl-d14  
Concen: 75.33 ng  
RT: 13.02 min Scan# 957  
Delta R.T. 0.00 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

Tgt Ion:244 Resp: 2034427  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.1 9.1  
122 13.5 11.0 16.6





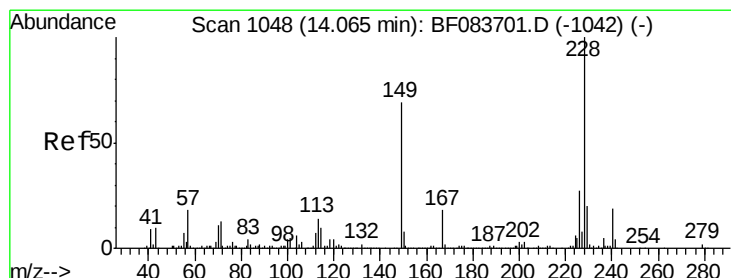
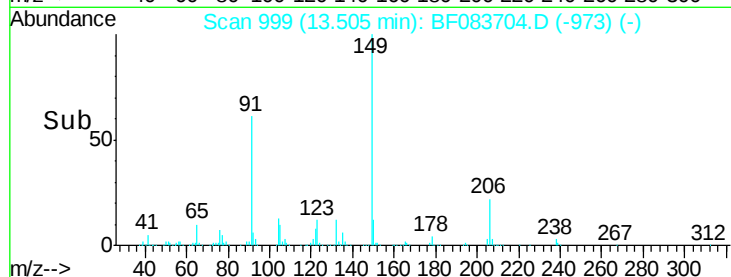
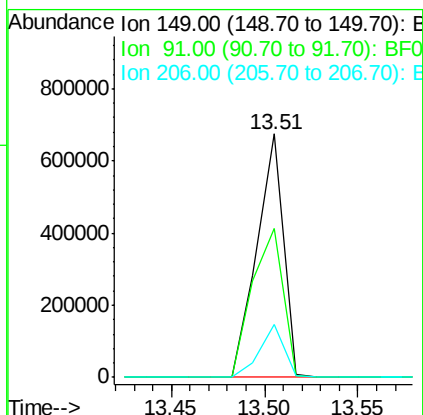
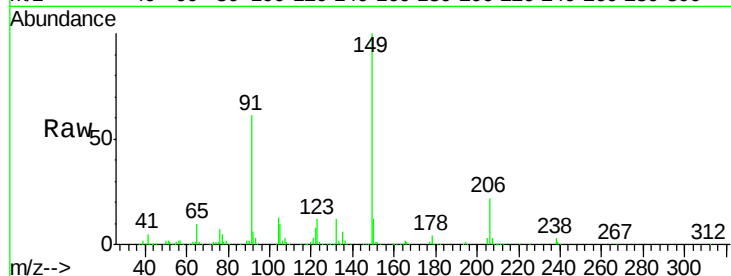
#79  
Butylbenzylphthalate  
Concen: 88.70 ng  
RT: 13.51 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 61.2  | 60.0  | 90.0  |
| 206     | 21.8  | 16.2  | 24.4  |

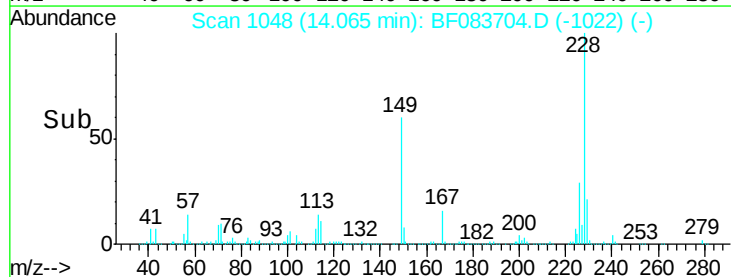
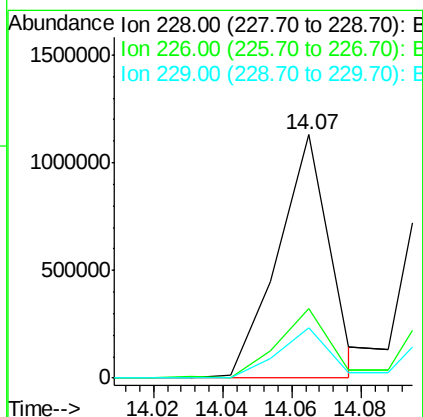
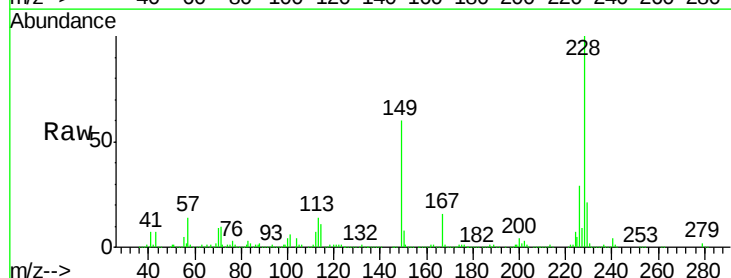
Manual Integrations  
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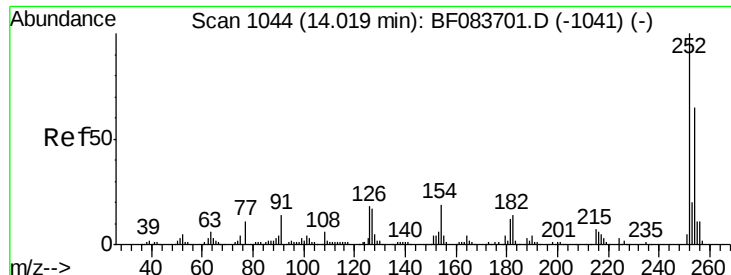
MMdadoda  
12/14/2015 6:22:24 PM



#80  
Benzo(a)anthracene  
Concen: 65.72 ng m  
RT: 14.07 min Scan# 1048  
Delta R.T. 0.00 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.7  | 22.3  | 33.5  |
| 229     | 20.7  | 15.7  | 23.5  |





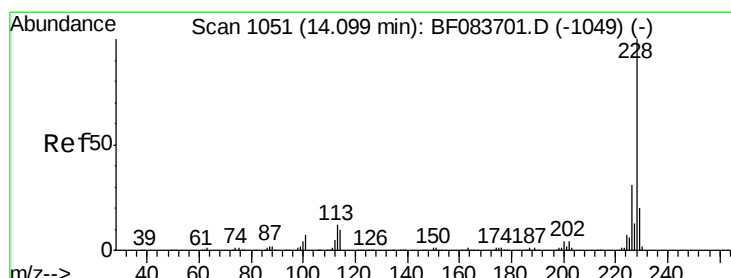
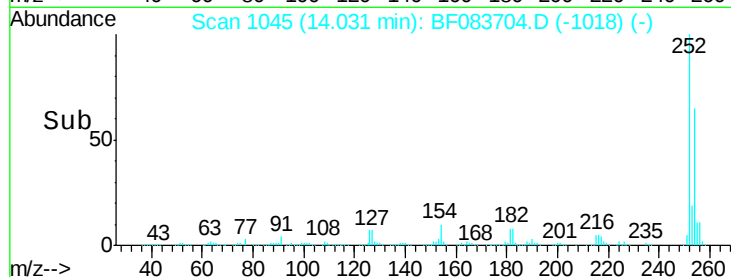
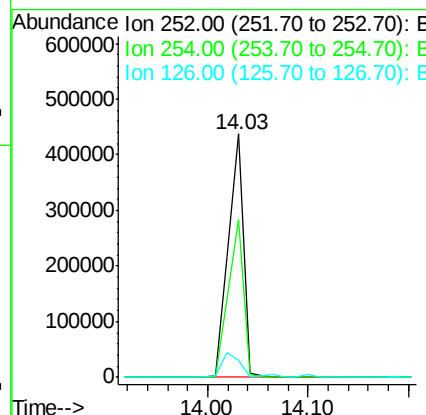
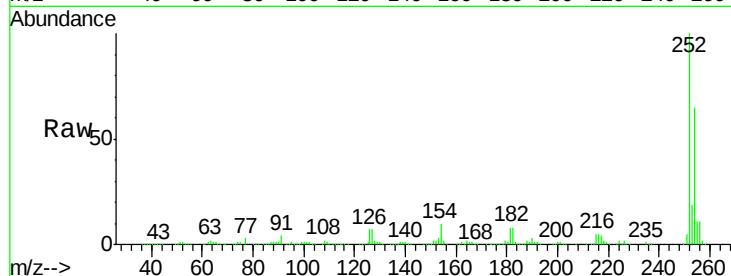
#81  
 3,3'-Dichlorobenzidine  
 Concen: 82.97 ng  
 RT: 14.03 min Scan# 1045  
 Delta R.T. 0.01 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 462129 |       |       |
| 254     | 64.7  | 50.6   | 76.0  |       |
| 126     | 7.3   | 11.0   | 16.4  |       |

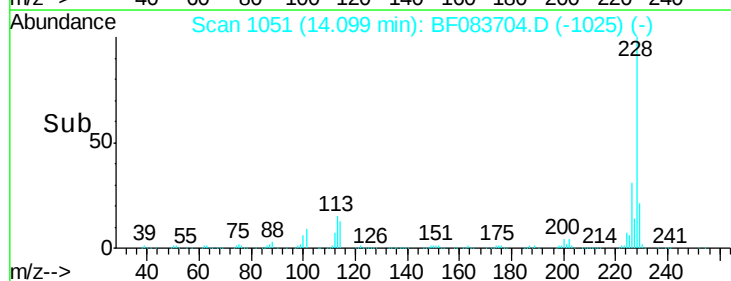
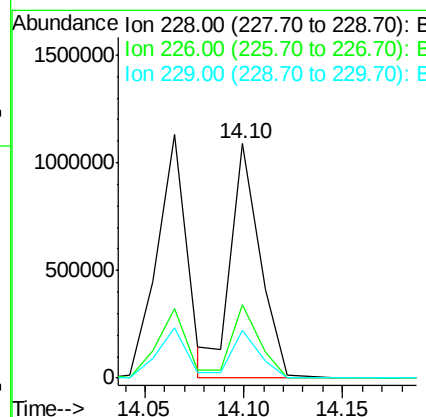
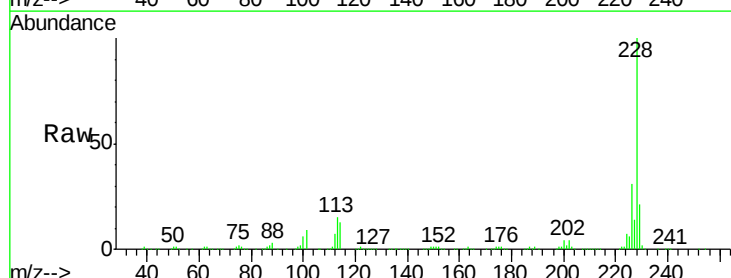
Manual Integrations  
 APPROVED

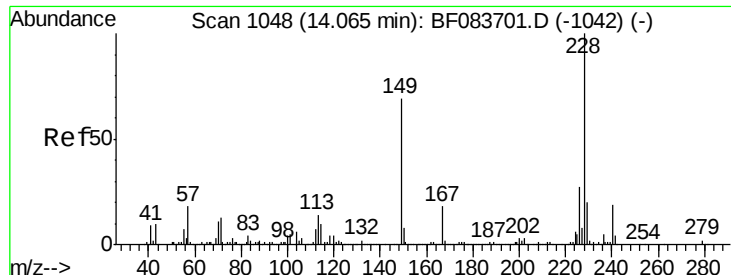
MMdadoda  
 12/14/2015 6:22:24 PM



#82  
 Chrysene  
 Concen: 65.25 ng m  
 RT: 14.10 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 1135473 |       |       |
| 226     | 31.2  | 24.7    | 37.1  |       |
| 229     | 20.5  | 16.3    | 24.5  |       |





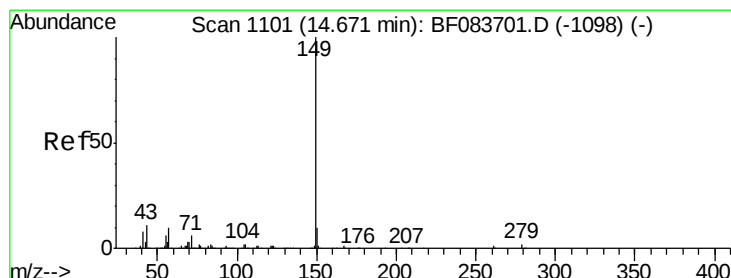
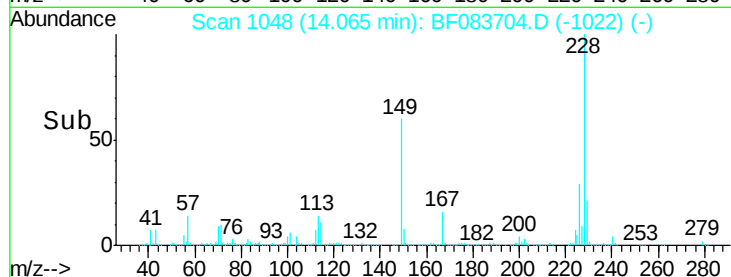
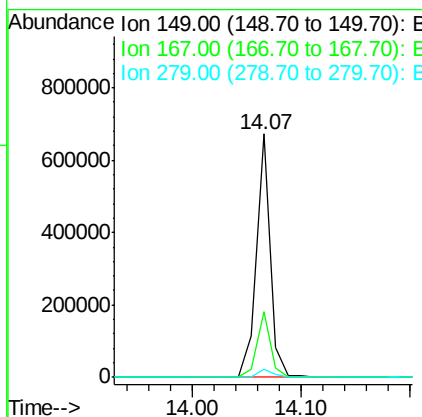
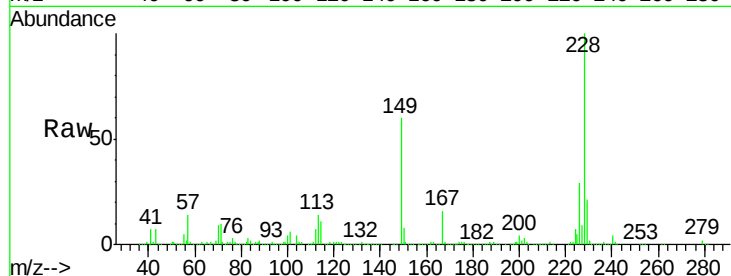
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 72.36 ng  
 RT: 14.07 min Scan# 1048  
 Delta R.T. 0.00 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 603205 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.9  | 21.8  | 32.8   |
| 279       | 3.5   | 3.0   | 4.4    |

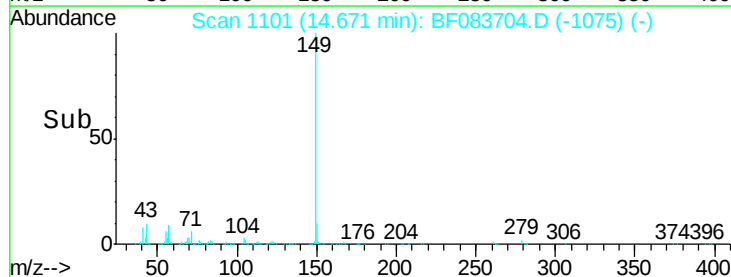
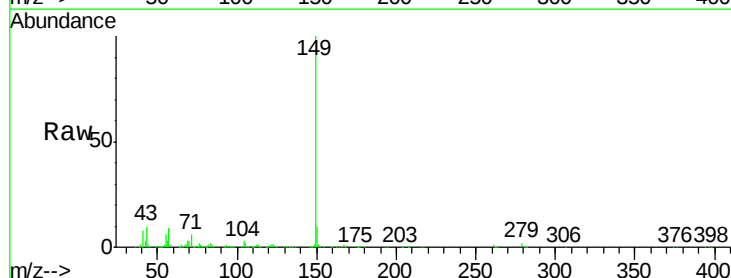
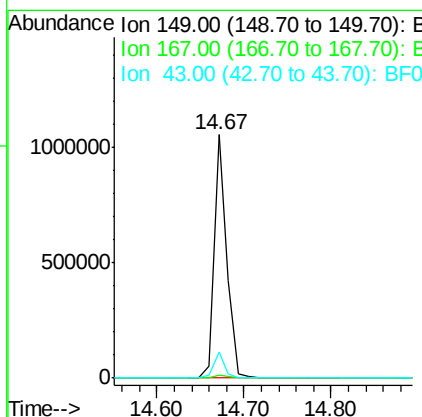
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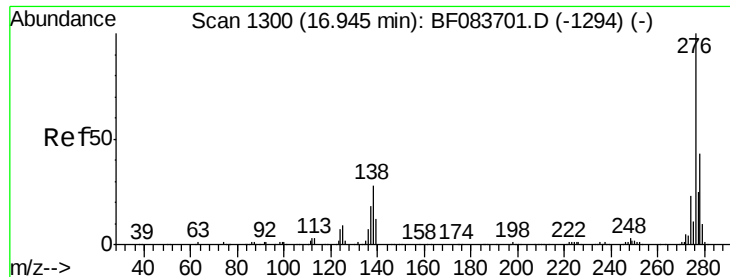
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#84  
 Di-n-octyl phthalate  
 Concen: 94.04 ng  
 RT: 14.67 min Scan# 1101  
 Delta R.T. 0.00 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1070947 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 167       | 1.5   | 0.0   | 0.0#    |
| 43        | 9.8   | 0.0   | 0.0#    |





#85

Indeno(1,2,3-cd)pyrene

Concen: 101.99 ng

RT: 16.96 min Scan# 1301

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:276 Resp: 1581656

Ion Ratio Lower Upper

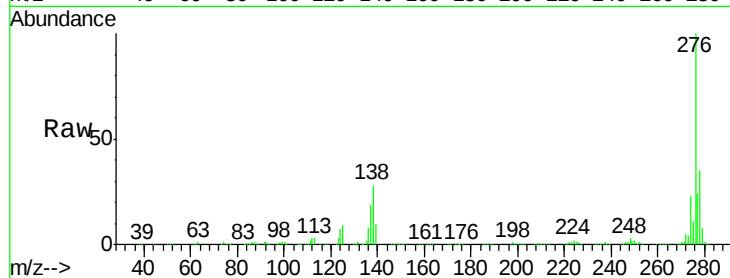
276 100

138 30.3 0.0 0.0#

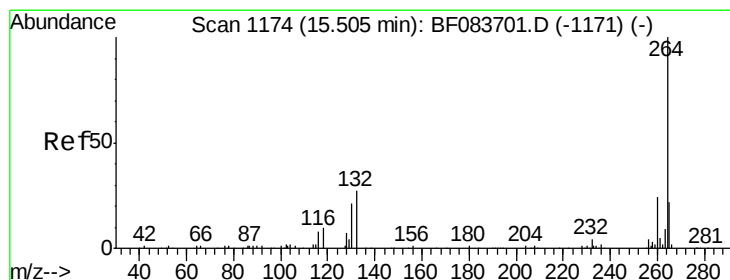
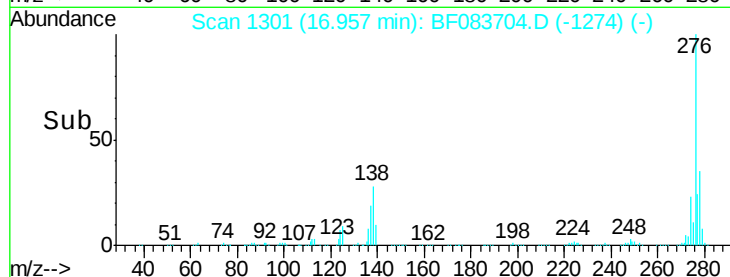
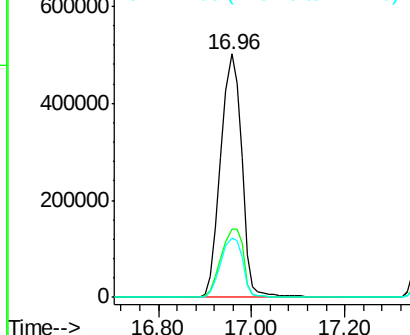
277 25.7 0.0 0.0#

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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: 15.52 min Scan# 1175

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

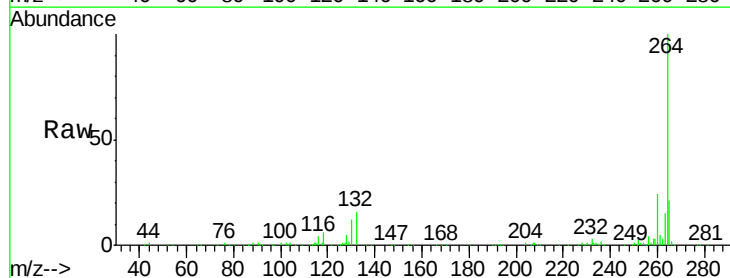
Tgt Ion:264 Resp: 282319

Ion Ratio Lower Upper

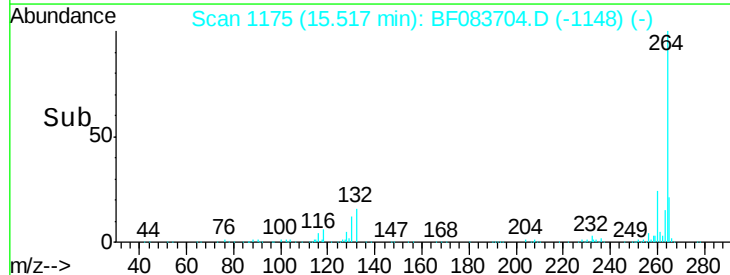
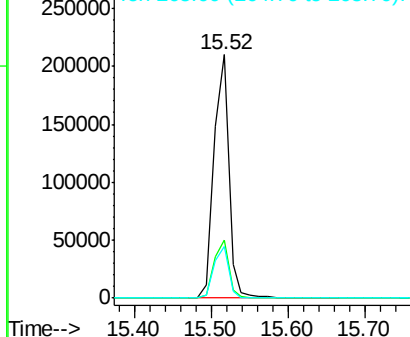
264 100

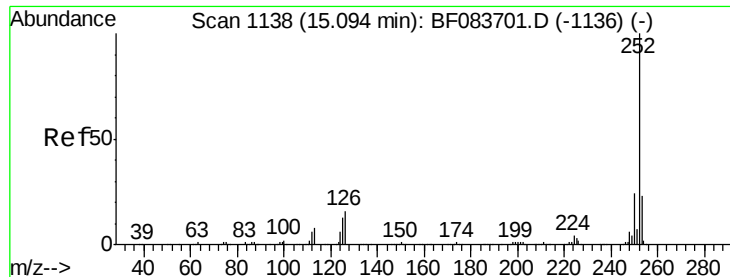
260 23.8 19.4 29.0

265 21.1 17.8 26.6



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: 77.12 ng

RT: 15.11 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Instrument :

BNA\_F

ClientSampleId :

SSTDIC080

Tot Ion:252 Resp: 1360152

Ion Ratio Lower Upper

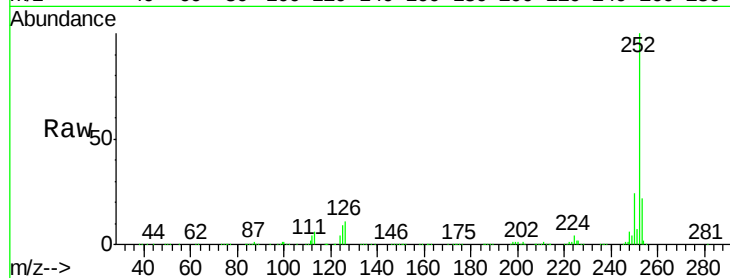
252 100

253 22.3 18.2 27.4

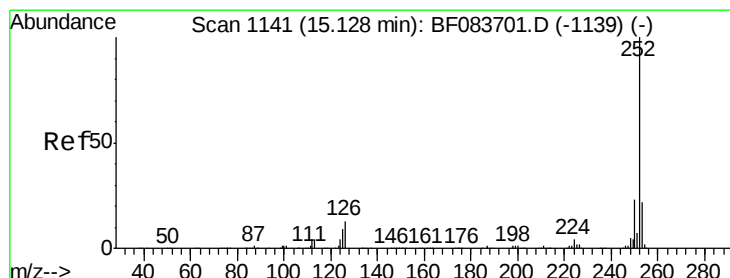
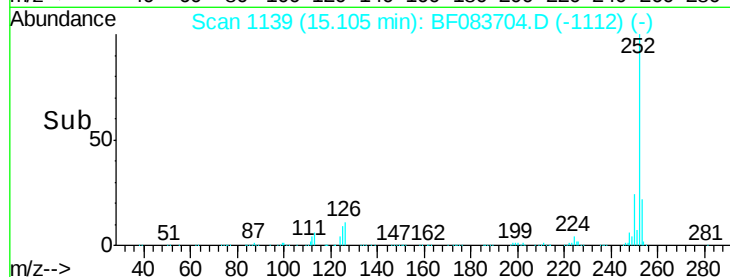
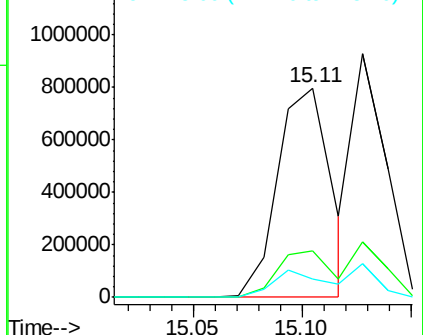
125 8.6 8.2 12.4

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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 60.51 ng m

RT: 15.13 min Scan# 1141

Delta R.T. 0.00 min

Lab File: BF083704.D

Acq: 11 Dec 2015 18:06

Tgt Ion:252 Resp: 1012503

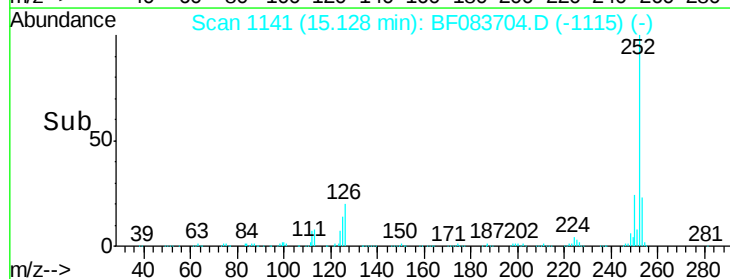
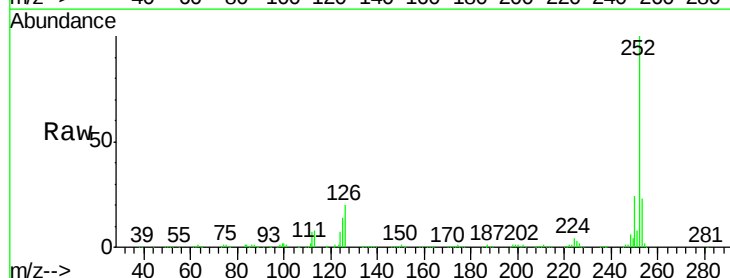
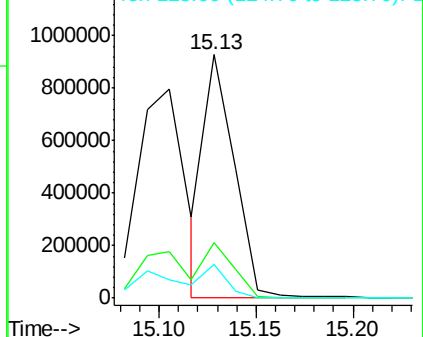
Ion Ratio Lower Upper

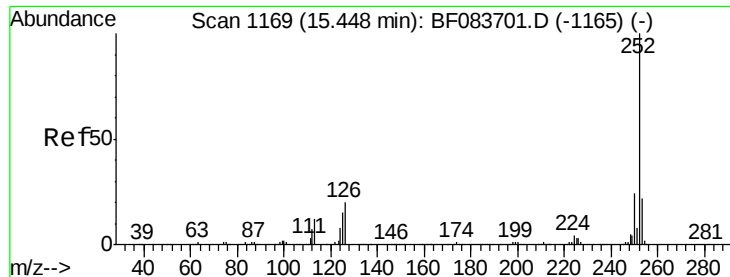
252 100

253 22.7 18.6 27.8

125 13.6 11.5 17.3

Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E





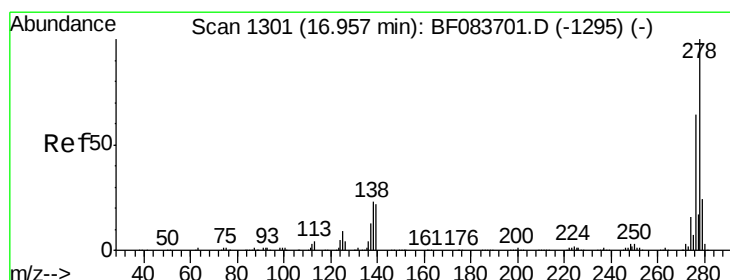
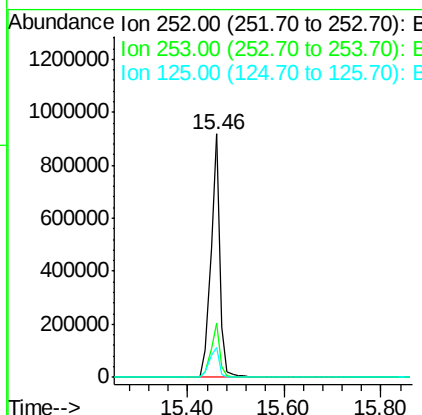
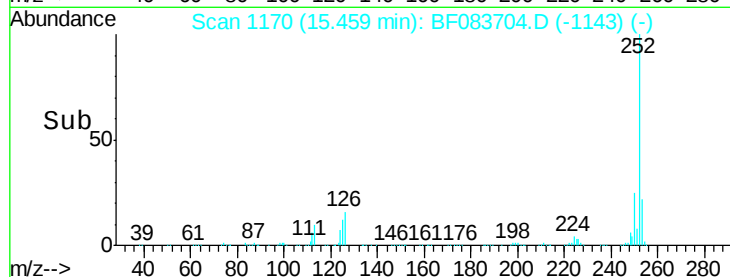
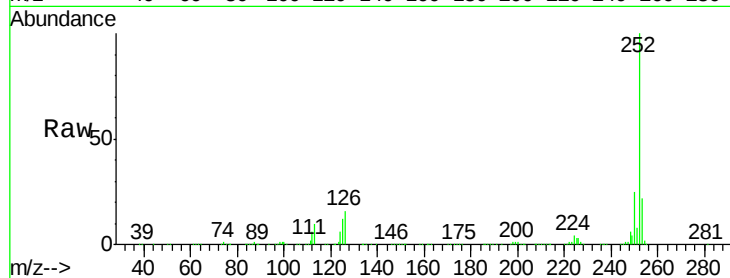
#89  
Benzo(a)pyrene  
Concen: 74.65 ng  
RT: 15.46 min Scan# 1170  
Delta R.T. 0.01 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC080

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.5  | 26.3  |
| 125     | 12.4  | 11.0  | 16.6  |

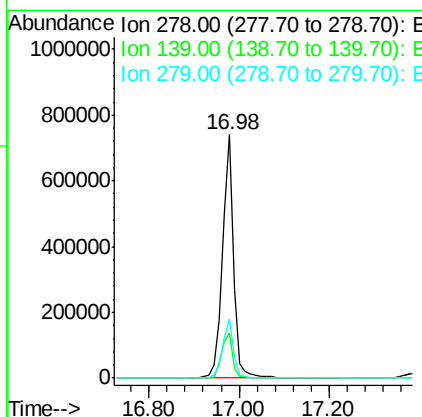
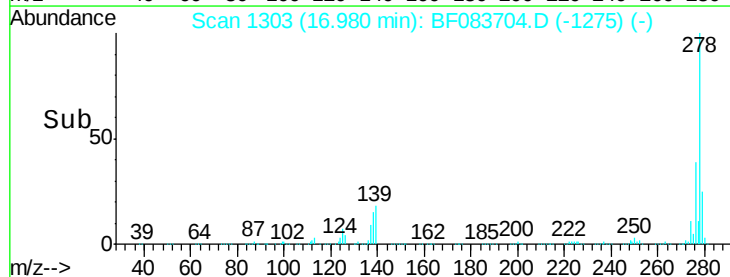
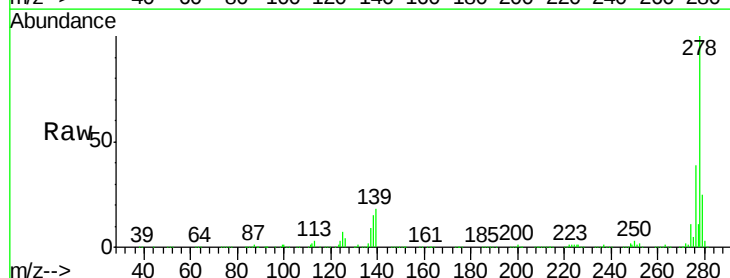
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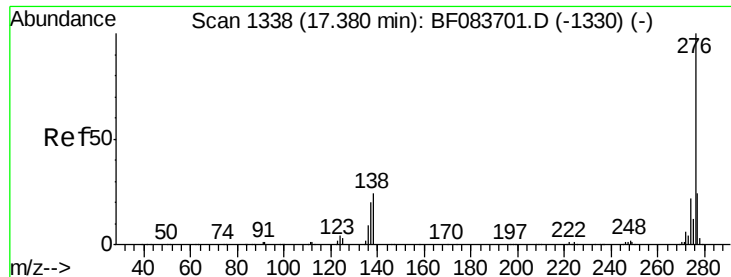
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#90  
Dibenzo(a,h)anthracene  
Concen: 81.24 ng  
RT: 16.98 min Scan# 1303  
Delta R.T. 0.02 min  
Lab File: BF083704.D  
Acq: 11 Dec 2015 18:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 18.4  | 12.8  | 19.2  |
| 279     | 24.6  | 18.6  | 28.0  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 82.39 ng  
 RT: 17.39 min Scan# 1339  
 Delta R.T. 0.01 min  
 Lab File: BF083704.D  
 Acq: 11 Dec 2015 18:06

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC080

|           |       |       |         |
|-----------|-------|-------|---------|
| Tot Ion:  | 276   | Resp: | 1367410 |
| Ion Ratio | Lower | Upper |         |
| 276       | 100   |       |         |
| 277       | 24.2  | 19.2  | 28.8    |
| 138       | 27.5  | 19.5  | 29.3    |

Manual Integrations  
 APPROVED

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