

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\  
 Data File : BF083111.D  
 Acq On : 21 Nov 2015 13:59  
 Operator : UM/IZ  
 Sample : SSTDICC010  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

Mmdadoda  
 11/23/2015 7:01:18 PM

Quant Time: Nov 22 01:01:34 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 21 23:51:23 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.66  | 152  | 172113   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 7.95  | 136  | 648610   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.70  | 164  | 330499   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.18 | 188  | 644143   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.81 | 240  | 581585   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.17 | 264  | 513364   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.29  | 112 | 234554 | 20.99 | ng | 0.01  |
| 7) Phenol-d6             | 6.34  | 99  | 322972 | 22.34 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 7.23  | 82  | 300463 | 21.47 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 10.49 | 330 | 67422  | 20.16 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.03  | 172 | 539920 | 23.83 | ng | 0.00  |
| 78) Terphenyl-d14        | 12.75 | 244 | 506836 | 20.86 | ng | -0.01 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.22 | 88  | 54760   | 9.80  | ng | 97     |
| 3) Pyridine                    | 3.24 | 79  | 141846m | 10.03 | ng |        |
| 4) n-Nitrosodimethylamine      | 2.86 | 42  | 56985   | 8.04  | ng | # 91   |
| 6) Aniline                     | 6.34 | 93  | 176407  | 9.57  | ng | # 83   |
| 8) 2-Chlorophenol              | 6.46 | 128 | 130739  | 10.82 | ng | 98     |
| 9) Benzaldehyde                | 6.22 | 77  | 93730   | 12.72 | ng | 99     |
| 10) Phenol                     | 6.35 | 94  | 190474  | 10.95 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.40 | 93  | 125146  | 10.04 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 6.59 | 146 | 147136m | 10.97 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.67 | 146 | 149800  | 10.92 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 6.83 | 146 | 135714  | 10.82 | ng | 95     |
| 15) Benzyl Alcohol             | 6.84 | 79  | 114784  | 9.45  | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.96 | 45  | 208841  | 10.81 | ng | # 29   |
| 17) 2-Methylphenol             | 6.96 | 107 | 104228  | 10.48 | ng | # 92   |
| 18) Hexachloroethane           | 7.18 | 117 | 48546   | 9.80  | ng | # 69   |
| 19) n-Nitroso-di-n-propylamine | 7.11 | 70  | 105969  | 10.47 | ng | # 93   |
| 20) 3+4-Methylphenols          | 7.12 | 107 | 135710  | 10.80 | ng | 94     |
| 22) Acetophenone               | 7.10 | 105 | 194391  | 10.60 | ng | 94     |
| 24) Nitrobenzene               | 7.26 | 77  | 152723  | 10.19 | ng | # 87   |
| 25) Isophorone                 | 7.53 | 82  | 267396  | 10.01 | ng | 100    |
| 26) 2-Nitrophenol              | 7.58 | 139 | 63109   | 9.31  | ng | # 81   |
| 27) 2,4-Dimethylphenol         | 7.63 | 122 | 117684  | 10.99 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.71 | 93  | 152651  | 9.83  | ng | # 98   |
| 29) 2,4-Dichlorophenol         | 7.83 | 162 | 109317  | 10.81 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 7.90 | 180 | 113328  | 10.30 | ng | 95     |
| 31) Naphthalene                | 7.96 | 128 | 366228  | 10.76 | ng | 98     |
| 32) Benzoic acid               | 7.77 | 122 | 74368   | 8.66  | ng | 96     |
| 33) 4-Chloroaniline            | 8.04 | 127 | 135791  | 10.04 | ng | # 87   |
| 34) Hexachlorobutadiene        | 8.09 | 225 | 66870   | 10.29 | ng | 98     |
| 35) Caprolactam                | 8.48 | 113 | 28615   | 9.27  | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 8.54 | 107 | 129038  | 11.03 | ng | 87     |
| 37) 2-Methylnaphthalene        | 8.66 | 142 | 253028  | 11.50 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.82 | 216 | 108156  | 10.20 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.82 | 237 | 57803   | 9.19  | ng | 95     |

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 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

Manual Integrations  
 APPROVED

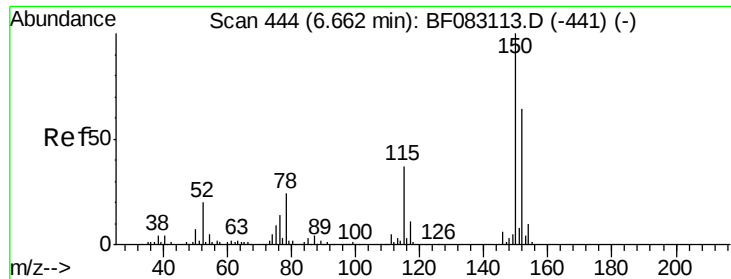
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 11/23/2015 7:01:18 PM

Quant Time: Nov 22 01:01:34 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Nov 21 23:51:23 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.96  | 196  | 74422    | 9.71  | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 8.99  | 196  | 80020    | 10.23 | nq    | # 81     |
| 45) 1,1'-Biphenyl              | 9.13  | 154  | 293254   | 10.66 | nq    | 95       |
| 46) 2-Chloronaphthalene        | 9.14  | 162  | 230500   | 10.65 | nq    | 95       |
| 47) 2-Nitroaniline             | 9.26  | 65   | 82317    | 10.39 | nq    | 100      |
| 48) Acenaphthylene             | 9.55  | 152  | 371075   | 11.06 | nq    | 99       |
| 49) Dimethylphthalate          | 9.44  | 163  | 255083   | 10.23 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.50  | 165  | 60071    | 10.48 | nq    | 93       |
| 51) Acenaphthene               | 9.72  | 154  | 207688   | 10.22 | nq    | 99       |
| 52) 3-Nitroaniline             | 9.67  | 138  | 64607    | 10.29 | nq    | 95       |
| 53) 2,4-Dinitrophenol          | 9.77  | 184  | 27303    | 8.30  | nq    | # 76     |
| 54) Dibenzofuran               | 9.90  | 168  | 315899   | 11.04 | nq    | 97       |
| 55) 4-Nitrophenol              | 9.86  | 139  | 41114m   | 8.81  | nq    |          |
| 56) 2,4-Dinitrotoluene         | 9.90  | 165  | 77127    | 10.66 | nq    | 95       |
| 57) Fluorene                   | 10.24 | 166  | 260809   | 11.03 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.03 | 232  | 67711    | 10.57 | nq    | 98       |
| 59) Diethylphthalate           | 10.14 | 149  | 256919   | 10.29 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 10.24 | 204  | 124658   | 11.60 | nq    | # 87     |
| 61) 4-Nitroaniline             | 10.27 | 138  | 56758    | 9.20  | nq    | 77       |
| 62) Azobenzene                 | 10.40 | 77   | 311784   | 10.98 | nq    | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 10.30 | 198  | 42739    | 9.27  | nq    | # 61     |
| 65) n-Nitrosodiphenylamine     | 10.36 | 169  | 219124   | 10.17 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.73 | 248  | 69062    | 9.72  | nq    | # 74     |
| 67) Hexachlorobenzene          | 10.79 | 284  | 83371    | 10.71 | nq    | # 84     |
| 68) Atrazine                   | 10.91 | 200  | 67536    | 10.74 | nq    | 97       |
| 69) Pentachlorophenol          | 10.99 | 266  | 48954    | 9.33  | nq    | 97       |
| 70) Phenanthrene               | 11.20 | 178  | 390149   | 10.88 | nq    | 99       |
| 71) Anthracene                 | 11.24 | 178  | 407606   | 10.99 | nq    | 99       |
| 72) Carbazole                  | 11.42 | 167  | 338927   | 10.29 | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.76 | 149  | 426557   | 10.52 | nq    | 98       |
| 74) Fluoranthene               | 12.38 | 202  | 410251   | 11.10 | nq    | 98       |
| 76) Benzidine                  | 12.52 | 184  | 134508   | 8.82  | nq    | 97       |
| 77) Pyrene                     | 12.60 | 202  | 411437   | 10.50 | nq    | 98       |
| 79) Butylbenzylphthalate       | 13.25 | 149  | 182483   | 9.64  | nq    | 88       |
| 80) Benzo(a)anthracene         | 13.79 | 228  | 371189   | 10.07 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.76 | 252  | 122110   | 9.75  | nq    | 98       |
| 82) Chrysene                   | 13.83 | 228  | 352935   | 11.39 | nq    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 13.81 | 149  | 243495   | 9.99  | nq    | # 97     |
| 84) Di-n-octyl phthalate       | 14.42 | 149  | 424956   | 10.17 | nq    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.43 | 276  | 318663   | 10.79 | nq    | 96       |
| 87) Benzo(b)fluoranthene       | 14.79 | 252  | 304638m  | 8.94  | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.82 | 252  | 324932m  | 12.54 | nq    |          |
| 89) Benzo(a)pyrene             | 15.11 | 252  | 298800   | 10.56 | nq    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 16.45 | 278  | 269423   | 10.49 | nq    | # 96     |
| 91) Benzo(g,h,i)perylene       | 16.81 | 276  | 253544   | 10.11 | nq    | # 94     |

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





#1

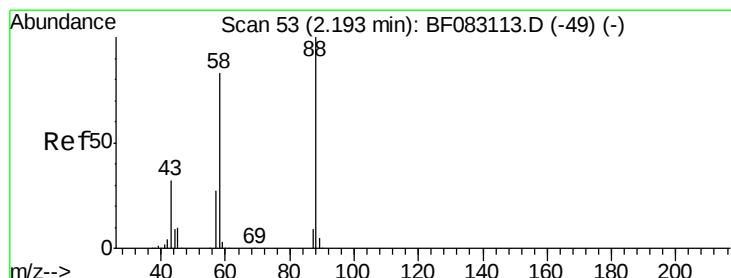
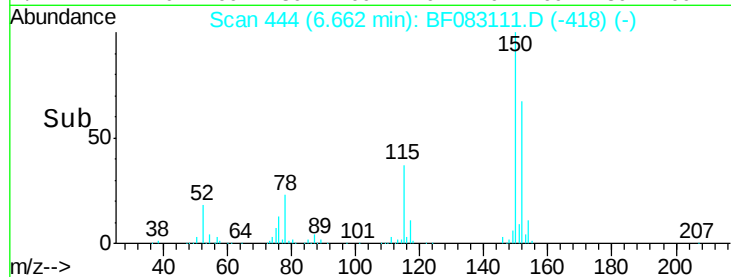
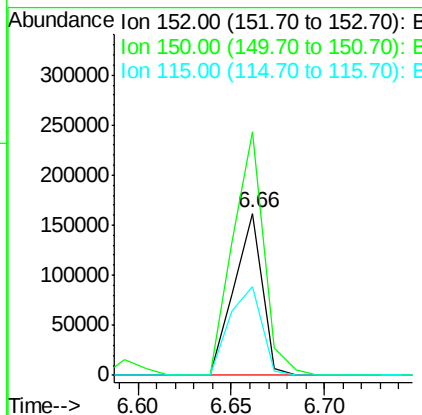
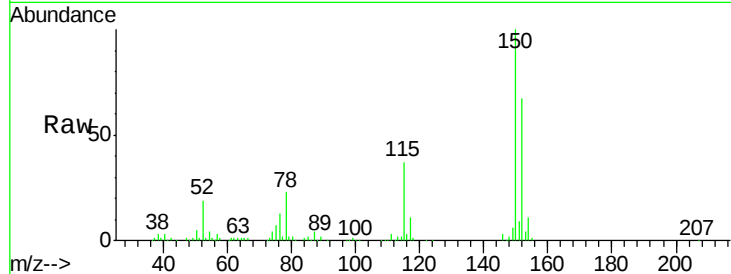
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Concen: 20.00 ng  
RT: 6.66 min Scan# 444  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.3 | 126.4 | 189.6 |
| 115     | 55.2  | 49.0  | 73.6  |

Manual Integrations  
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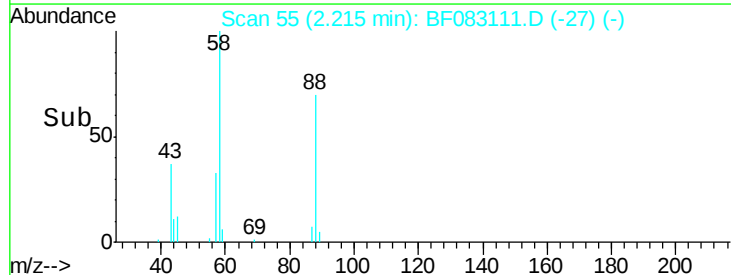
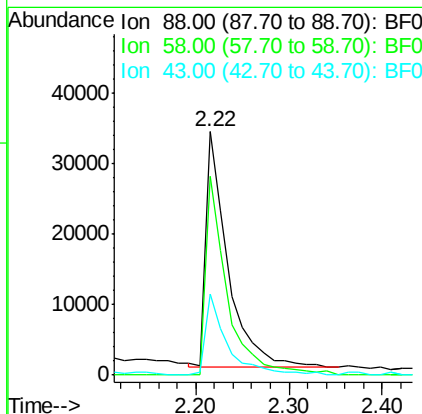
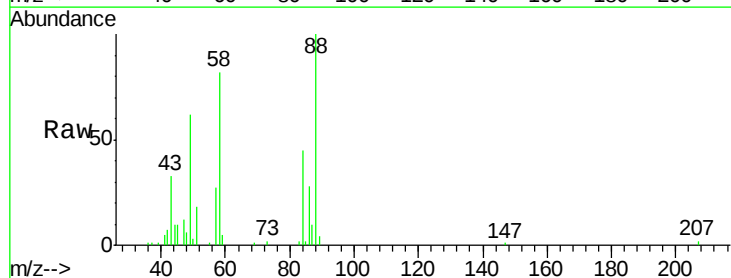
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11/23/2015 7:01:18 PM

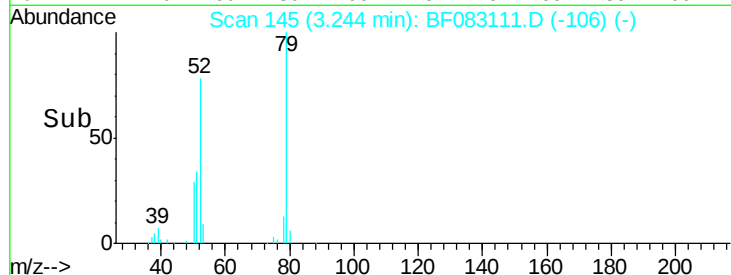
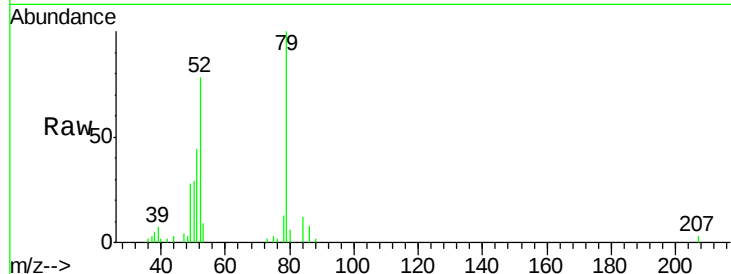
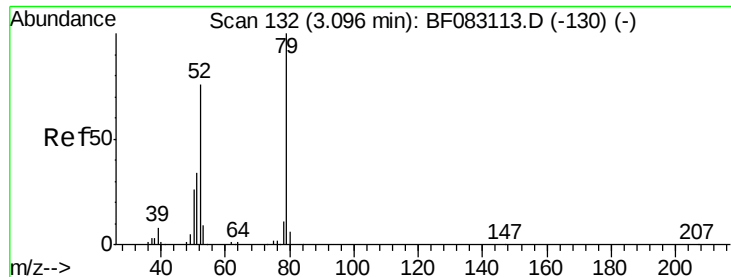


#2

1,4-Dioxane  
Concen: 9.80 ng  
RT: 2.22 min Scan# 55  
Delta R.T. 0.02 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 83.3  | 64.8  | 97.2  |
| 43      | 34.7  | 26.2  | 39.4  |





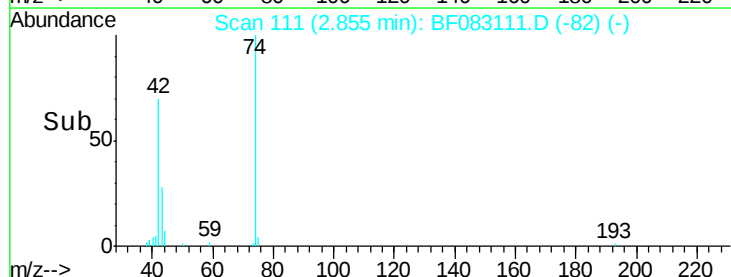
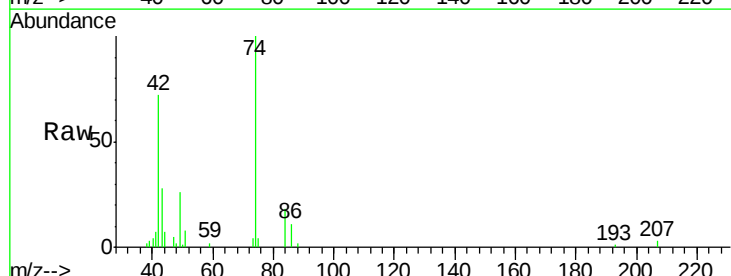
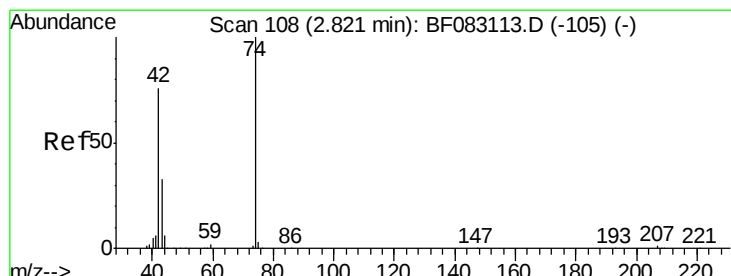
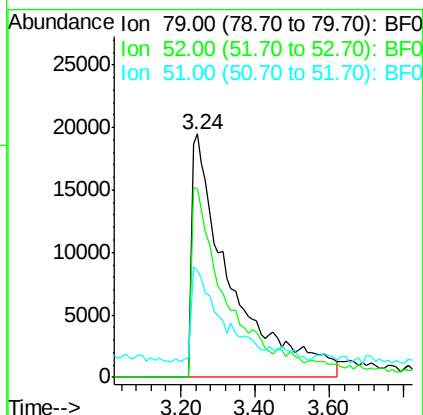
#3  
 Pvridine  
 Concen: 10.03 ng/ml  
 RT: 3.24 min Scan# 145  
 Delta R.T. 0.15 min  
 Lab File: BF083111.D  
 Acq: 21 Nov 2015 13:59

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 141846 |       |       |
| 52      | 77.6  | 61.0   | 91.4  |       |
| 51      | 43.6  | 30.0   | 45.0  |       |

Instrument :  
 BNA\_F  
 ClientSampleId :  
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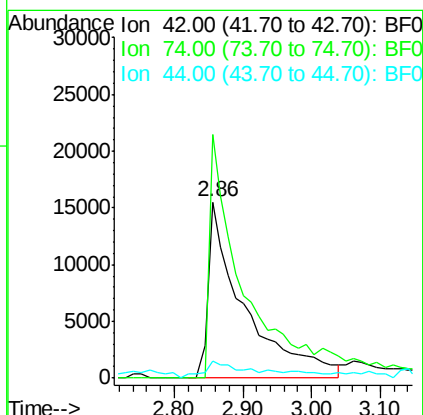
Manual Integrations  
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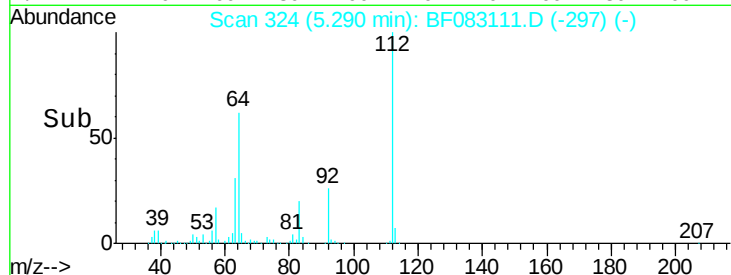
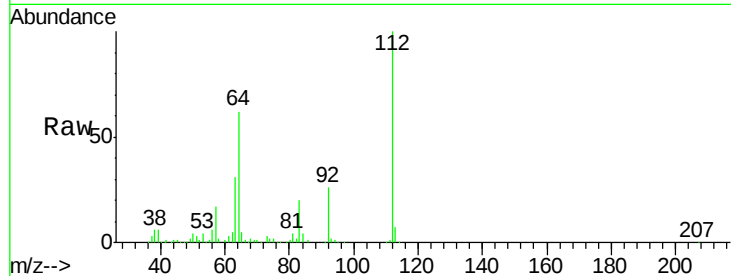
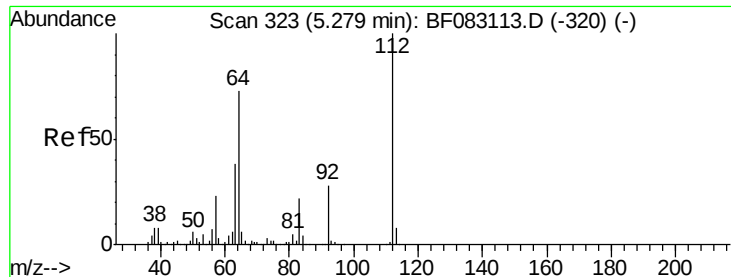
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 11/23/2015 7:01:18 PM



#4  
 n-Nitrosodimethylamine  
 Concen: 8.04 ng  
 RT: 2.86 min Scan# 111  
 Delta R.T. 0.03 min  
 Lab File: BF083111.D  
 Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 42      | 100   | 56985 |       |       |
| 74      | 138.2 | 102.4 | 153.6 |       |
| 44      | 10.0  | 5.8   | 8.8#  |       |





#5

2-Fluorophenol

Concen: 20.99 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

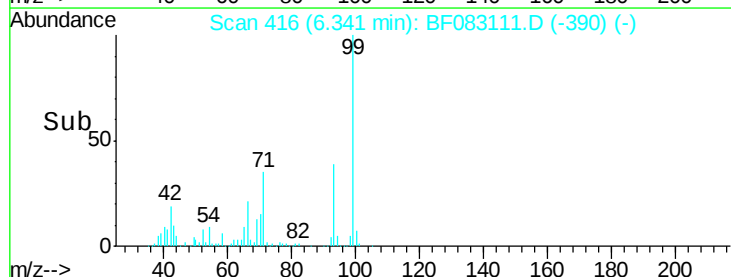
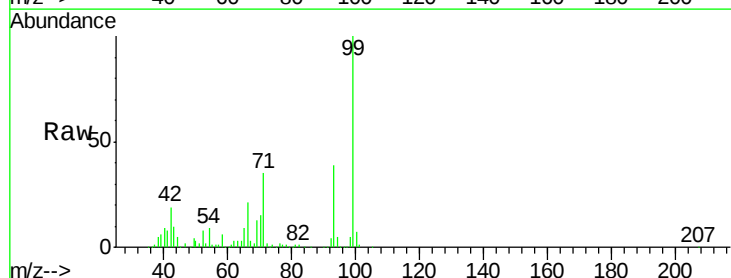
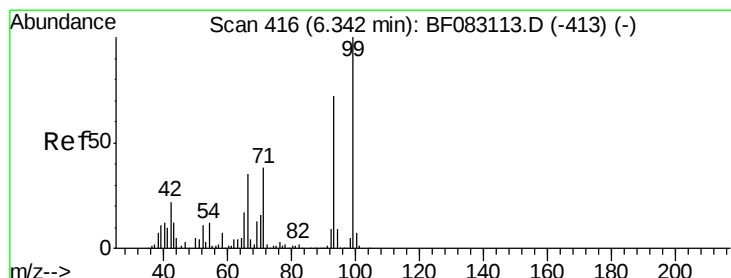
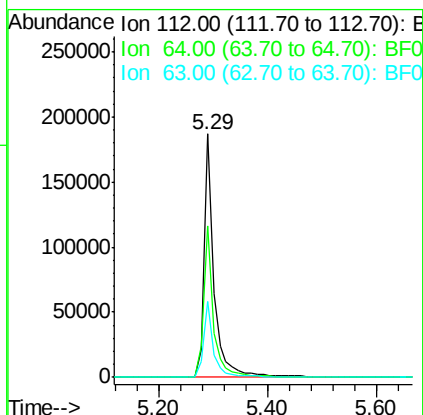
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 234554 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 62.2  | 54.8  | 82.2   |
| 63        | 31.3  | 29.0  | 43.4   |

Manual Integrations  
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11/23/2015 7:01:18 PM



#6

Aniline

Concen: 9.57 ng

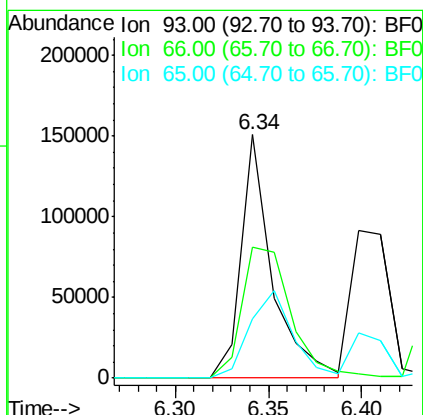
RT: 6.34 min Scan# 416

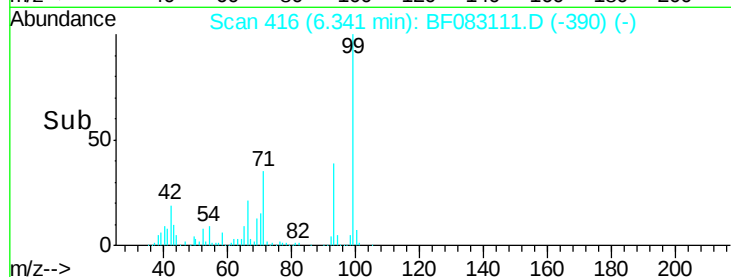
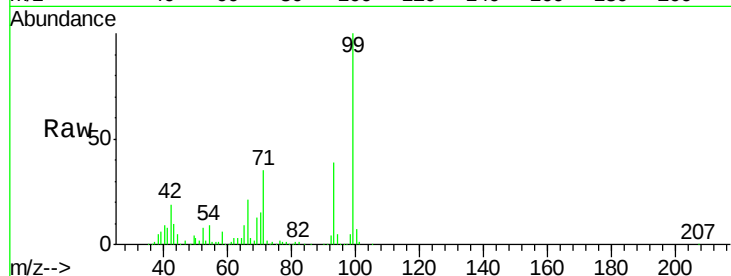
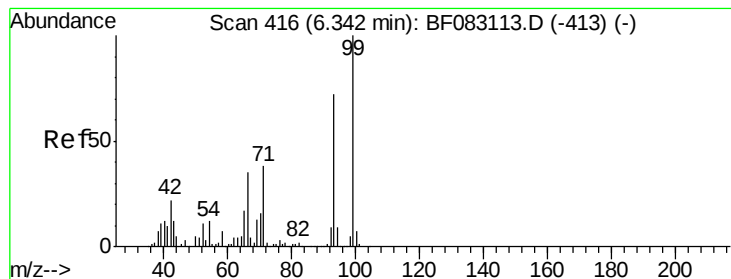
Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 176407 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 53.7  | 51.4  | 77.2   |
| 65        | 24.1  | 30.7  | 46.1#  |





#7

Phenol-d6

Concen: 22.34 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 322972 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.4  | 16.6  | 25.0   |
| 71        | 35.2  | 29.2  | 43.8   |

Instrument :

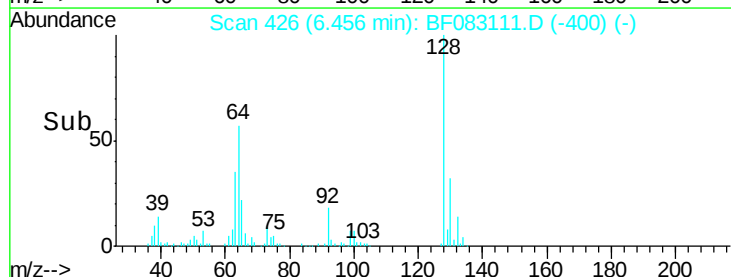
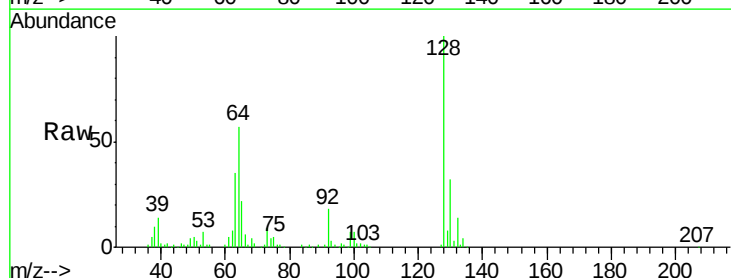
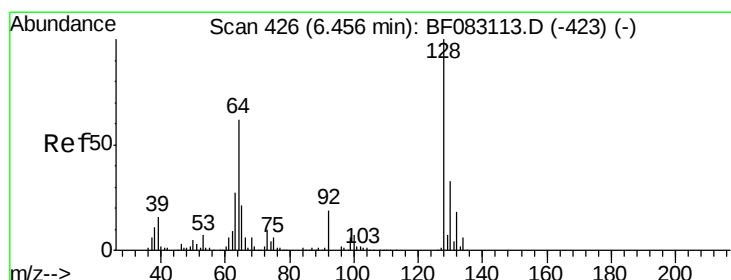
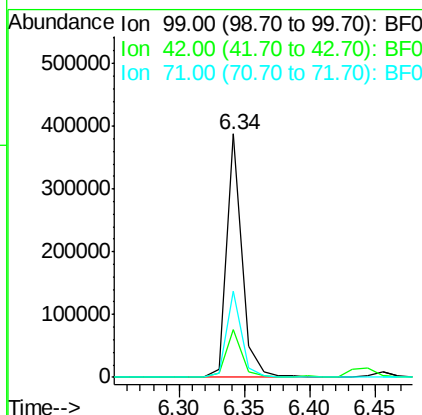
BNA\_F

ClientSampleId :

SSTDIC010

Manual Integrations  
APPROVED

Mmdadoda  
11/23/2015 7:01:18 PM



#8

2-Chlorophenol

Concen: 10.82 ng

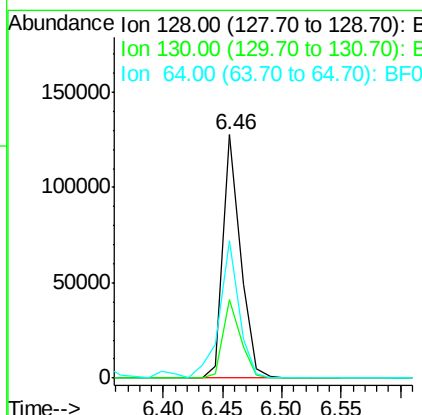
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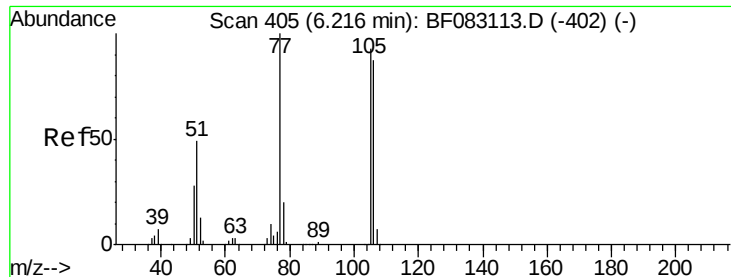
Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 130739 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.3  | 12.3  | 52.3   |
| 64        | 56.5  | 38.3  | 78.3   |





#9

Benzaldehyde

Concen: 12.72 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

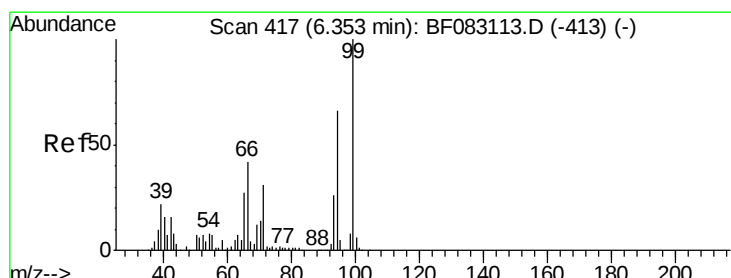
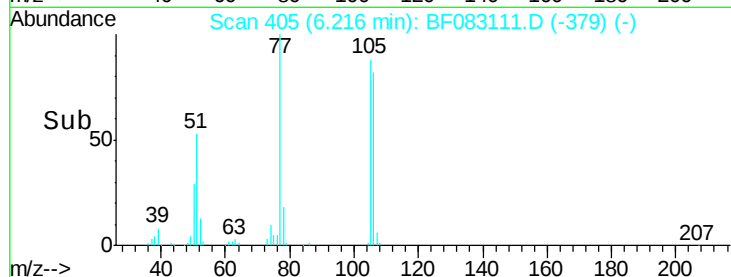
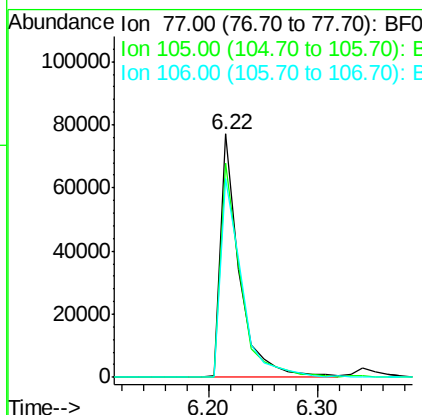
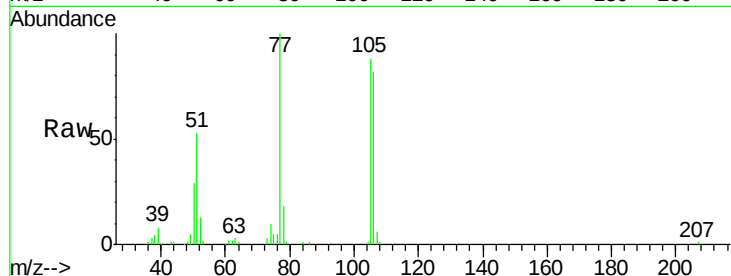
ClientSampleId :

SSTDICC010

Manual Integrations  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 93730 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 88.2  | 69.6  | 109.6 |
| 106      | 81.8  | 62.0  | 102.0 |



#10

Phenol

Concen: 10.95 ng

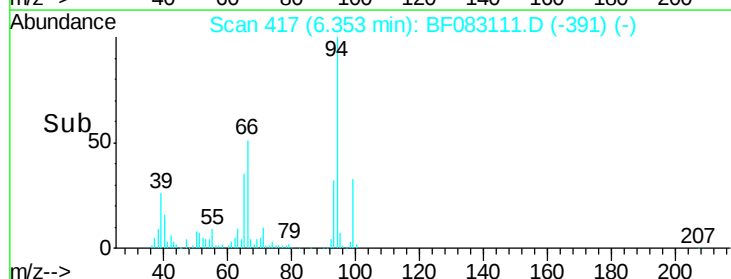
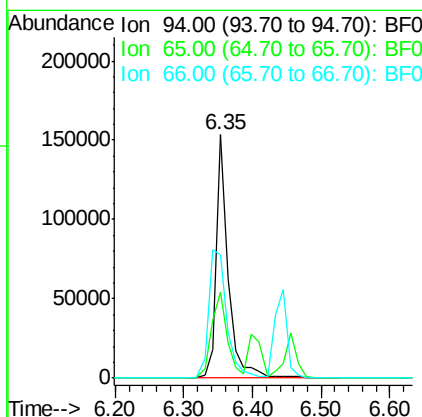
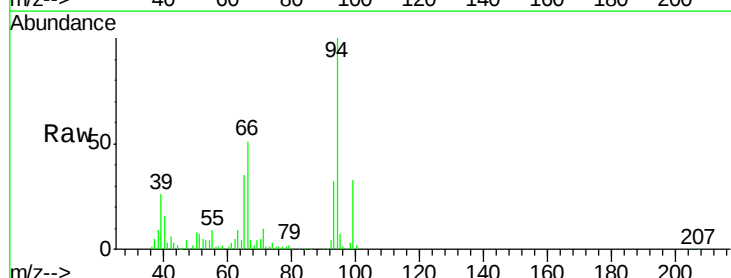
RT: 6.35 min Scan# 417

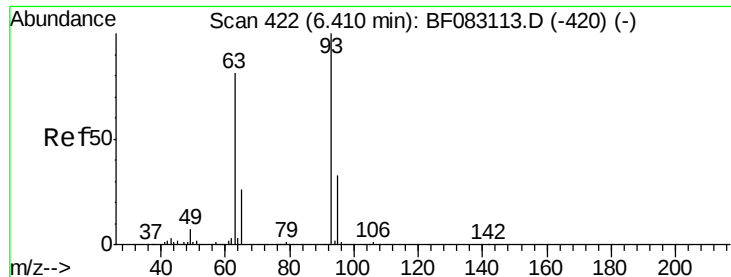
Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 190474 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 35.3  | 10.1  | 50.1   |
| 66       | 50.8  | 23.2  | 63.2   |





#11

bis(2-Chloroethyl)ether

Concen: 10.04 ng

RT: 6.40 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

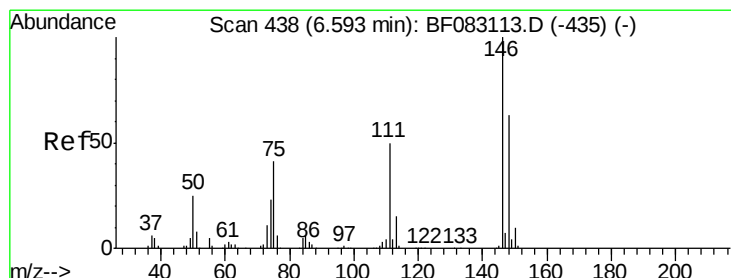
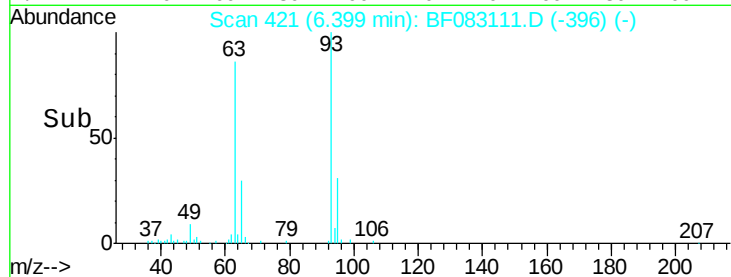
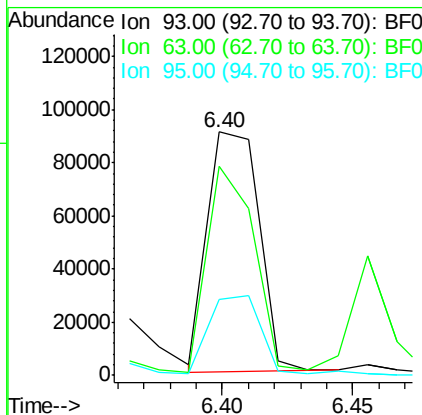
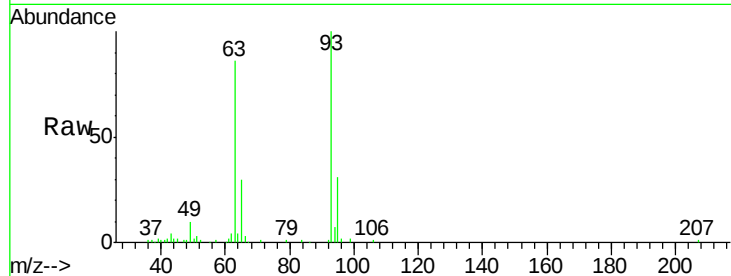
ClientSampleId :

SSTDICC010

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 125146 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 86.1  | 63.6  | 103.6  |
| 95       | 31.1  | 13.8  | 53.8   |

Manual Integrations  
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#12

1,3-Dichlorobenzene

Concen: 10.97 ng m

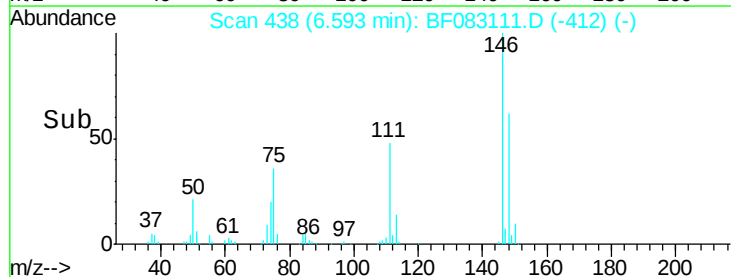
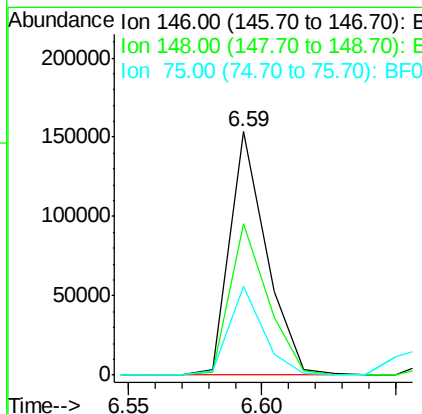
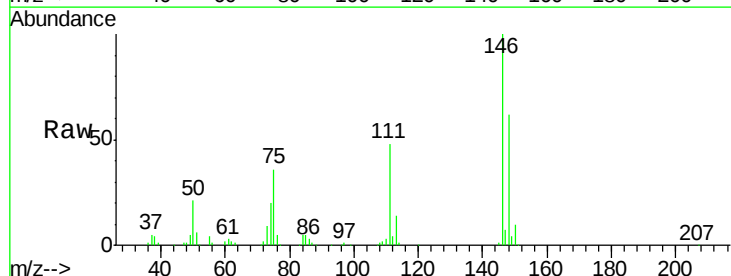
RT: 6.59 min Scan# 438

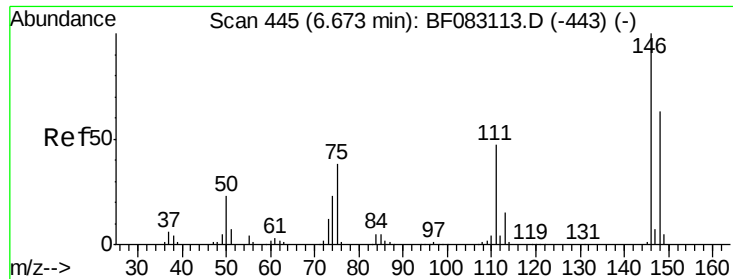
Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 147136 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 62.4  | 52.8  | 79.2   |
| 75       | 36.3  | 20.3  | 30.5#  |





#13

1,4-Dichlorobenzene

Concen: 10.92 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

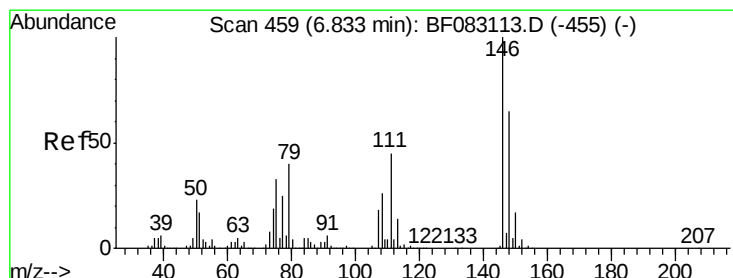
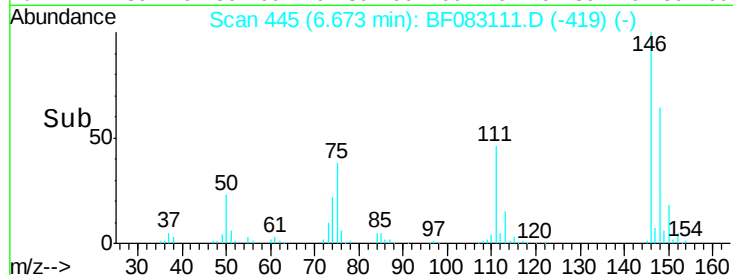
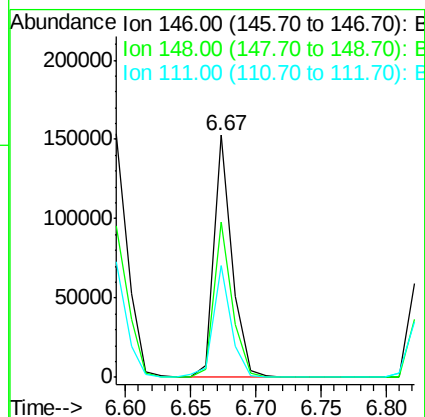
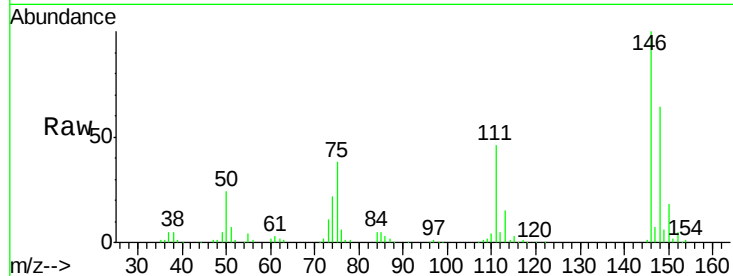
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 149800 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 64.4  | 49.6  | 74.4   |
| 111       | 46.0  | 39.0  | 58.6   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 10.82 ng

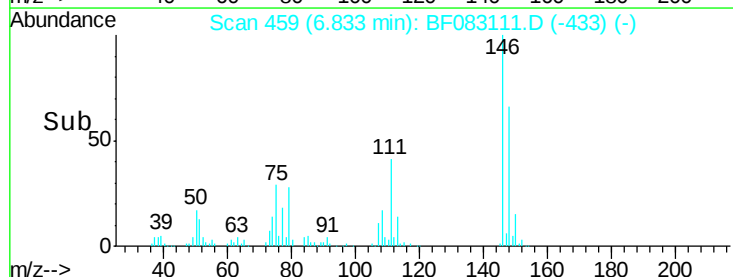
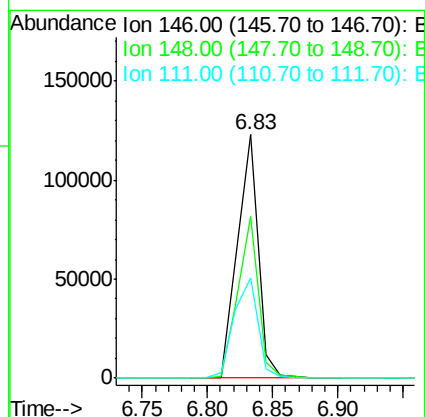
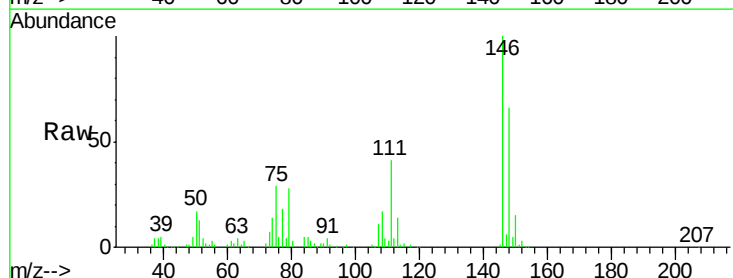
RT: 6.83 min Scan# 459

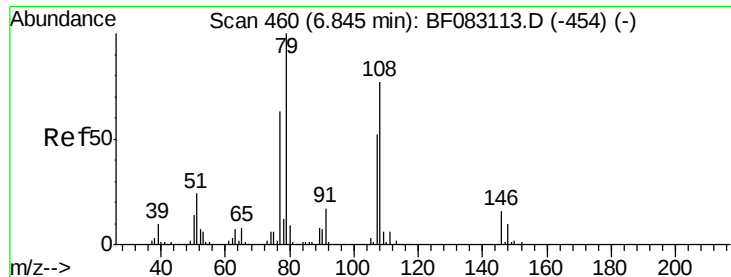
Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 135714 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.4  | 51.8  | 77.6   |
| 111       | 41.4  | 38.2  | 57.2   |





#15

Benzyl Alcohol

Concen: 9.45 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

ClientSampleId :

SSTDIC010

Tot Ion: 79 Resp: 114784

Ion Ratio Lower Upper

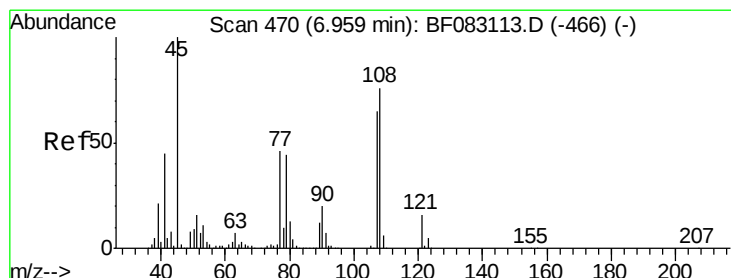
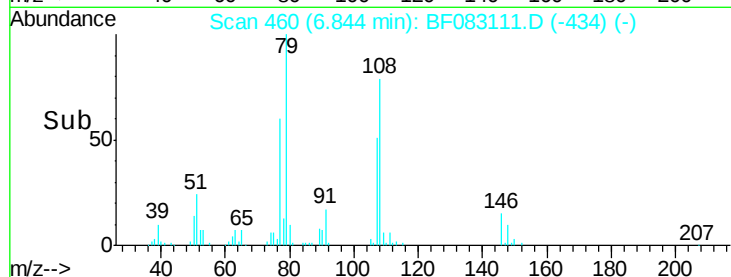
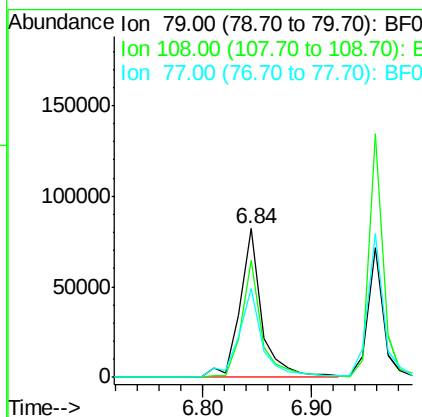
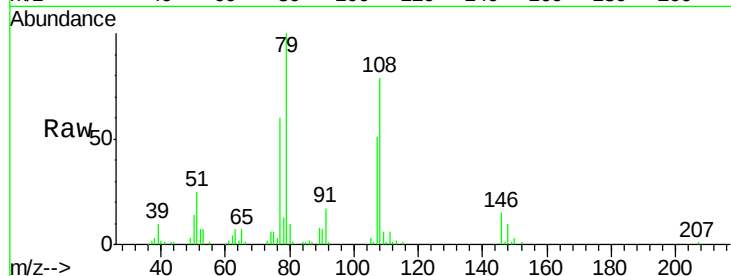
79 100

108 78.8 55.7 83.5

77 59.7 50.7 76.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 10.81 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

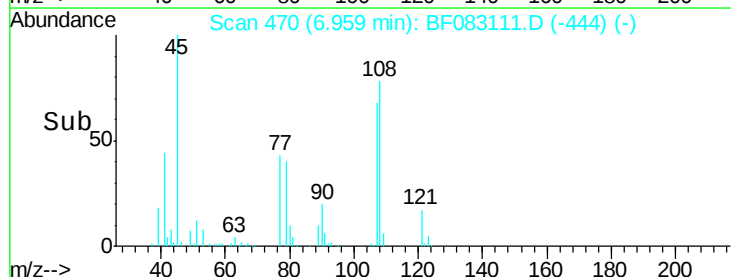
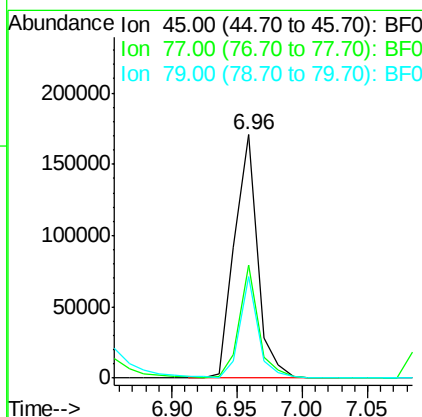
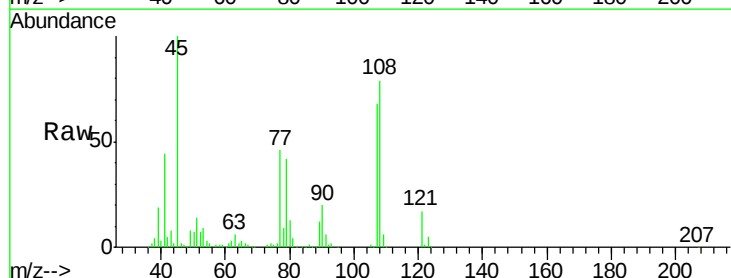
Tgt Ion: 45 Resp: 208841

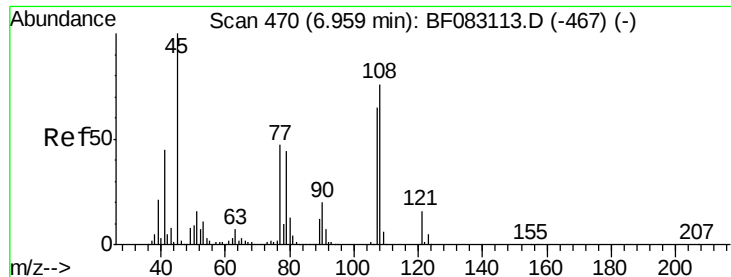
Ion Ratio Lower Upper

45 100

77 46.4 0.0 36.7#

79 41.9 0.0 33.0#





#17

2-Methylphenol

Concen: 10.48 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

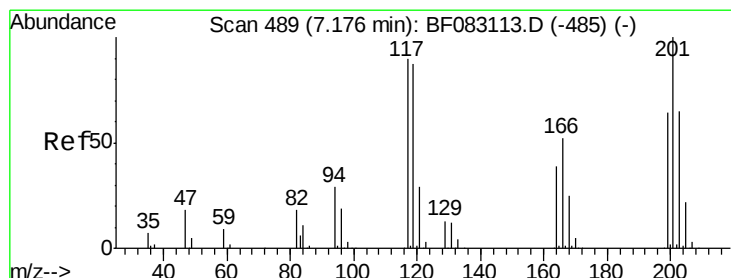
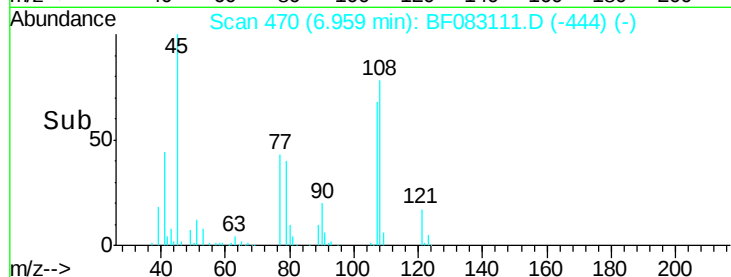
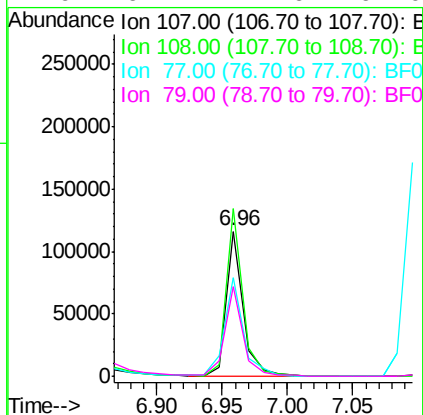
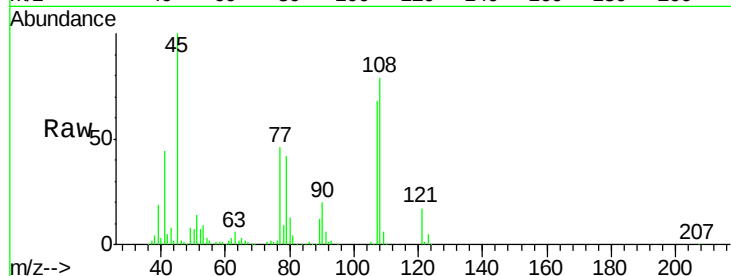
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 107   | Resp: | 104228 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 115.8 | 92.3  | 138.5  |
| 77        | 68.3  | 43.9  | 65.9#  |
| 79        | 61.7  | 42.6  | 64.0   |

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11/23/2015 7:01:18 PM



#18

Hexachloroethane

Concen: 9.80 ng

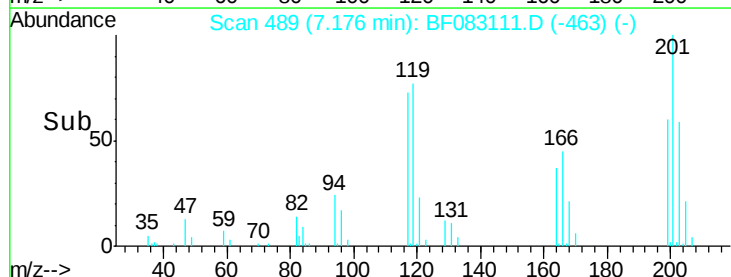
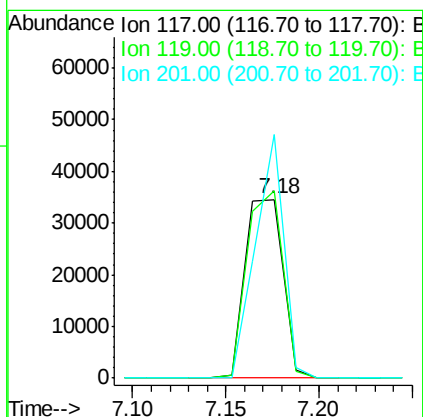
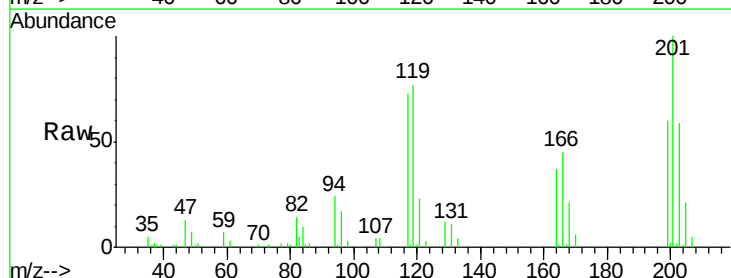
RT: 7.18 min Scan# 489

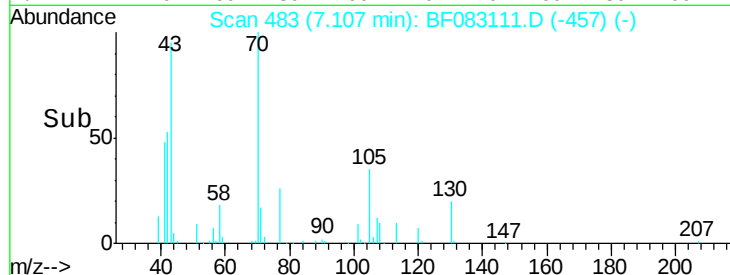
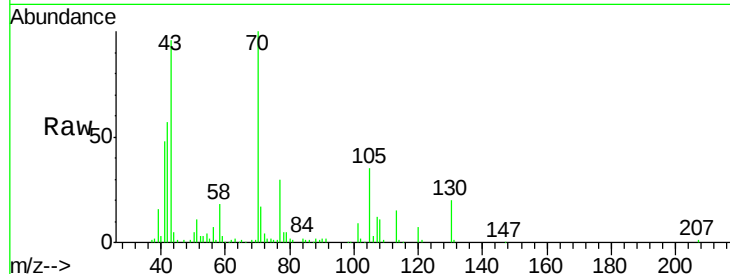
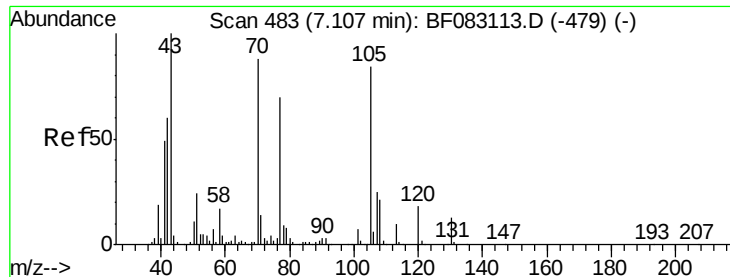
Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 48546 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 104.8 | 78.3  | 117.5 |
| 201       | 136.5 | 66.5  | 99.7# |





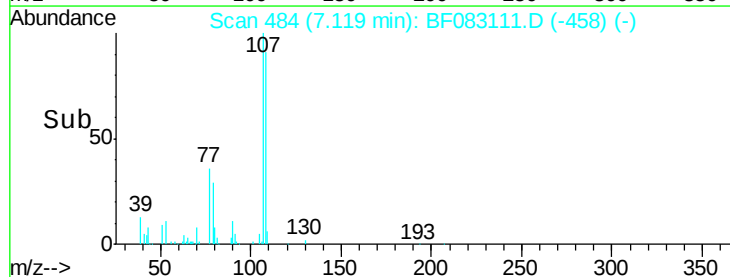
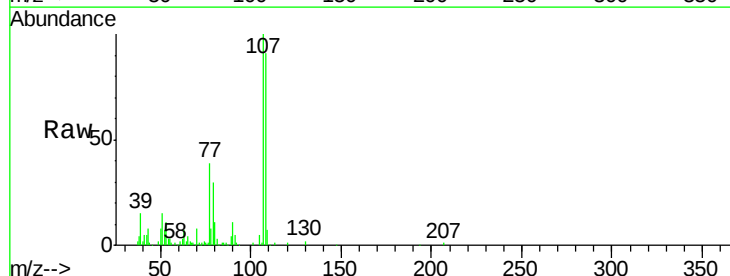
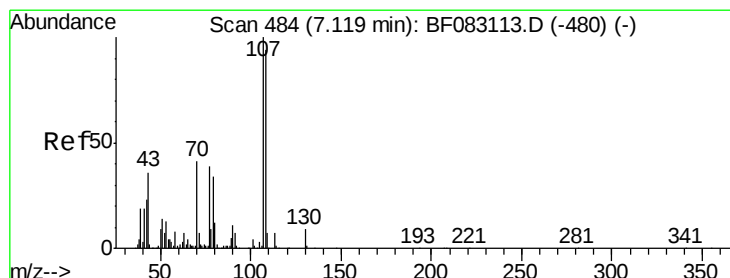
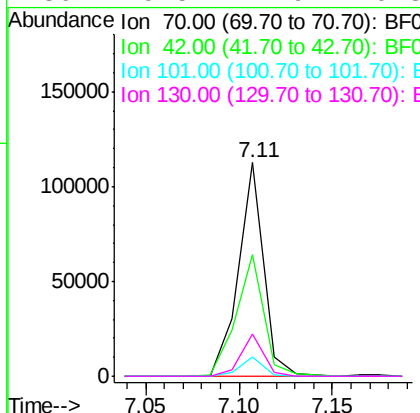
#19  
n-Nitroso-di-n-propylamine  
Concen: 10.47 ng  
RT: 7.11 min Scan# 483  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 57.2 | 50.2  | 75.2  |       |
| 101     | 9.2  | 6.8   | 10.2  |       |
| 130     | 19.5 | 12.9  | 19.3  |       |

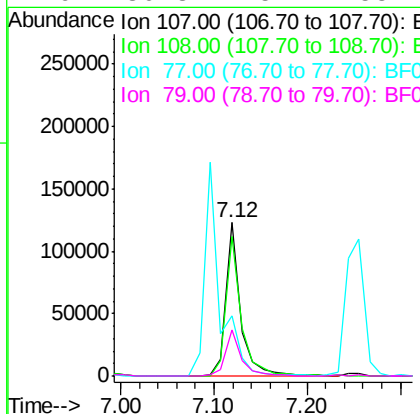
Manual Integrations  
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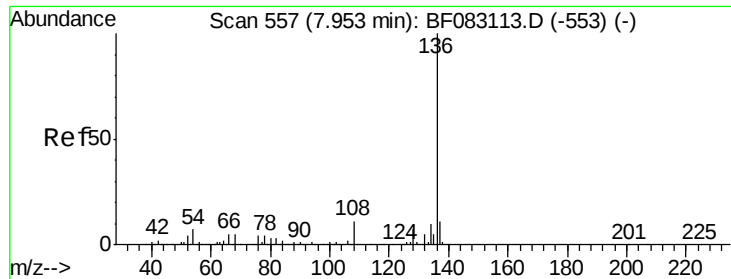
Mmdadoda  
11/23/2015 7:01:18 PM



#20  
3+4-Methylphenols  
Concen: 10.80 ng  
RT: 7.12 min Scan# 484  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 91.1 | 77.4  | 117.4 |       |
| 77      | 39.4 | 16.7  | 56.7  |       |
| 79      | 30.3 | 15.2  | 55.2  |       |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

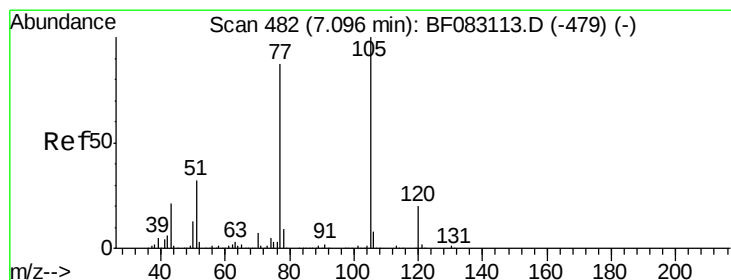
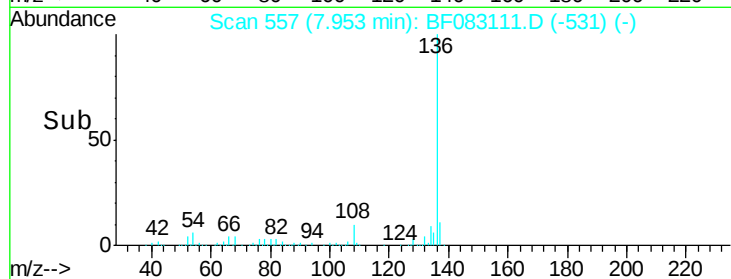
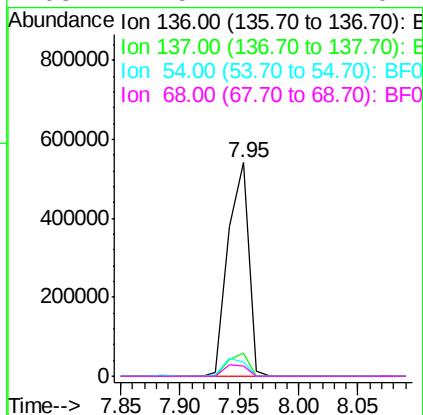
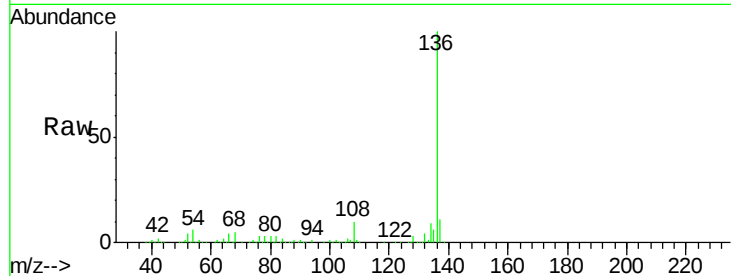
ClientSampleId :

SSTDICC010

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 648610 |       |       |
| 137     | 10.6 |       | 8.6    | 12.8  |       |
| 54      | 6.4  |       | 6.2    | 9.2   |       |
| 68      | 4.5  |       | 4.2    | 6.2   |       |

Manual Integrations  
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11/23/2015 7:01:18 PM



#22

Acetophenone

Concen: 10.60 ng

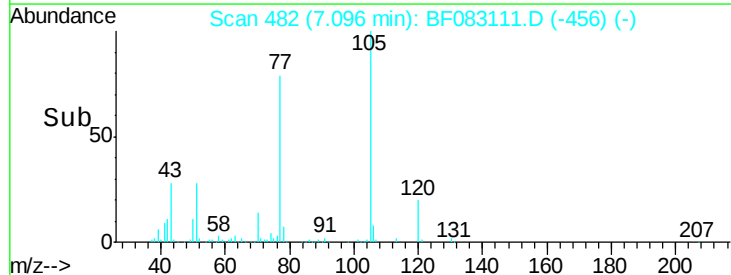
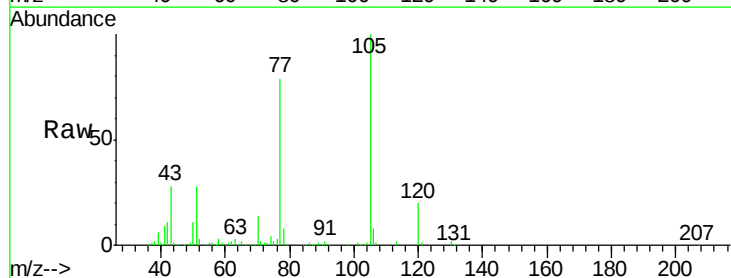
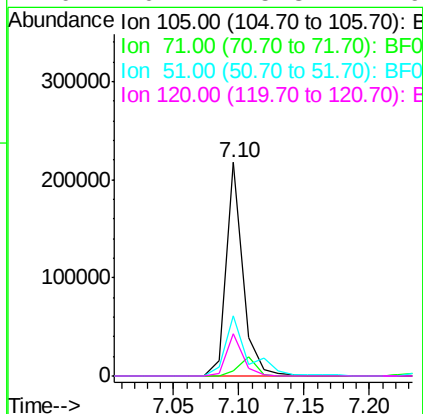
RT: 7.10 min Scan# 482

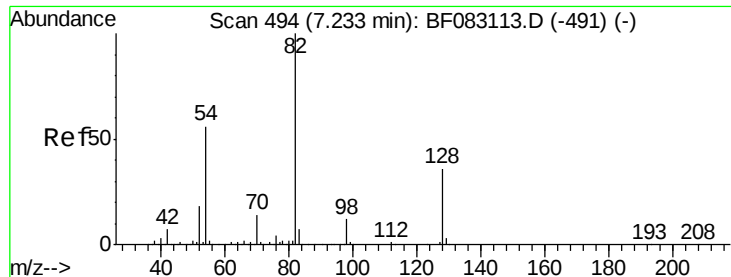
Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 194391 |       |       |
| 71      | 2.5  |       | 2.3    | 3.5   |       |
| 51      | 28.1 |       | 26.1   | 39.1  |       |
| 120     | 20.1 |       | 15.3   | 22.9  |       |





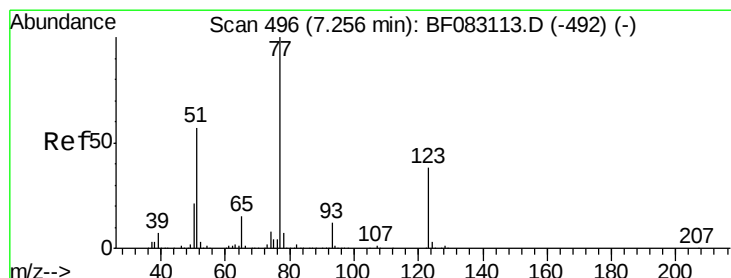
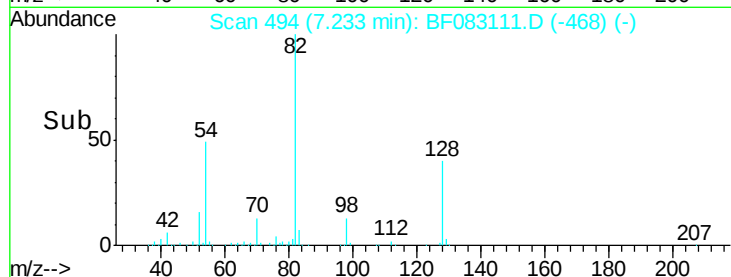
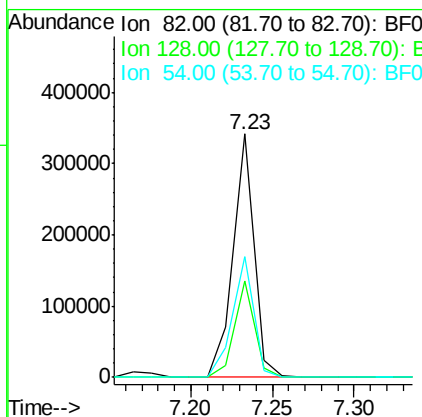
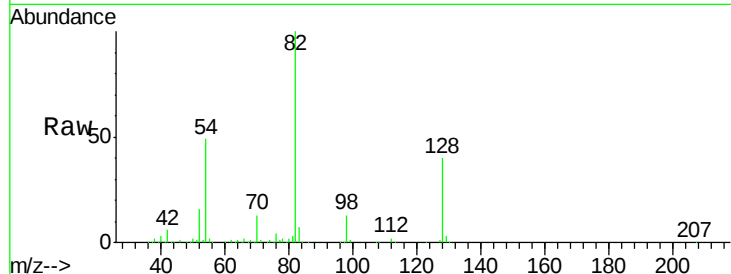
#23  
Nitrobenzene-d5  
Concen: 21.47 ng  
RT: 7.23 min Scan# 494  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 300463 |       |       |
| 128     | 39.6  |        | 33.1  | 49.7  |
| 54      | 49.4  |        | 39.8  | 59.6  |

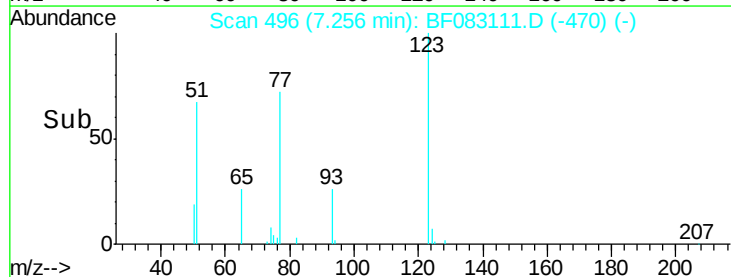
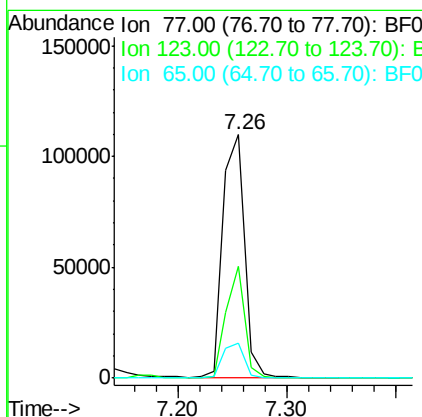
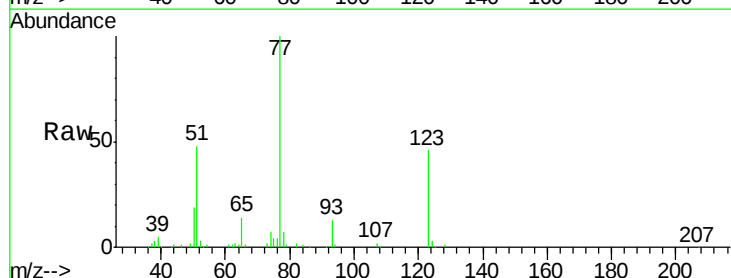
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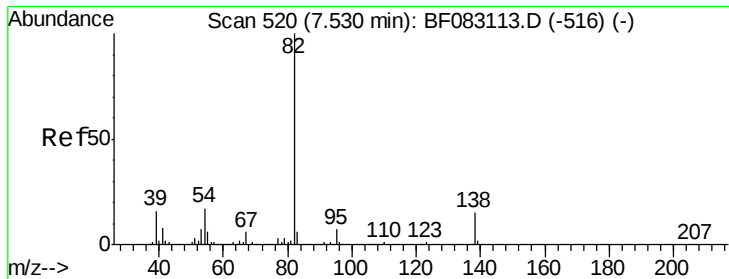
Mmdadoda  
11/23/2015 7:01:18 PM



#24  
Nitrobenzene  
Concen: 10.19 ng  
RT: 7.26 min Scan# 496  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 152723 |       |       |
| 123     | 45.9  |        | 28.2  | 42.4# |
| 65      | 14.1  |        | 11.8  | 17.8  |





#25

Isophorone

Concen: 10.01 ng

RT: 7.53 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF083111.D

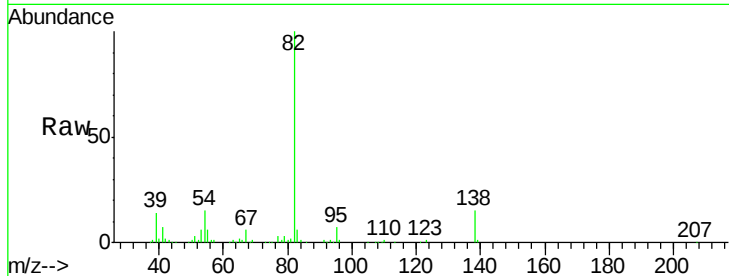
Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

ClientSampleId :

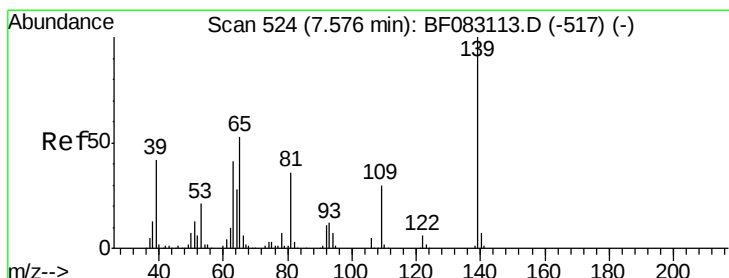
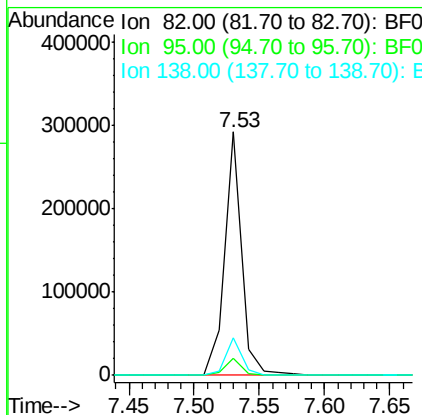
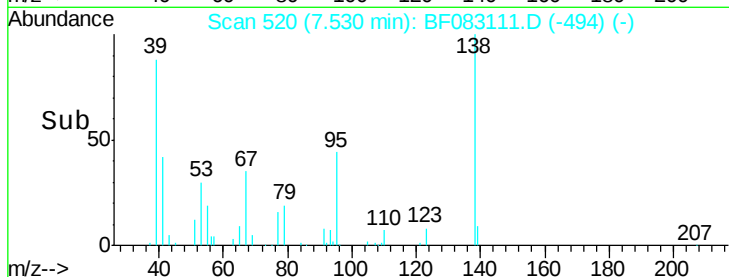
SSTDIC010



| Tot Ion   | 82    | Resp  | 267396 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.8   | 5.7   | 8.5    |
| 138       | 15.4  | 12.2  | 18.4   |

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#26

2-Nitrophenol

Concen: 9.31 ng

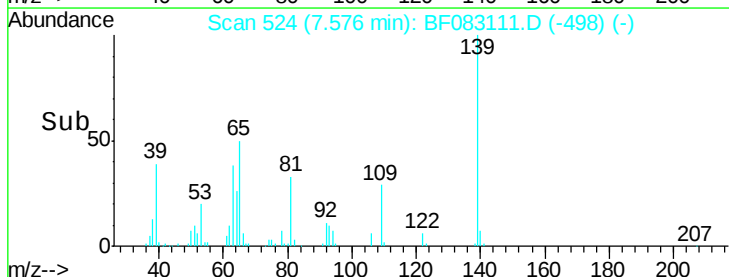
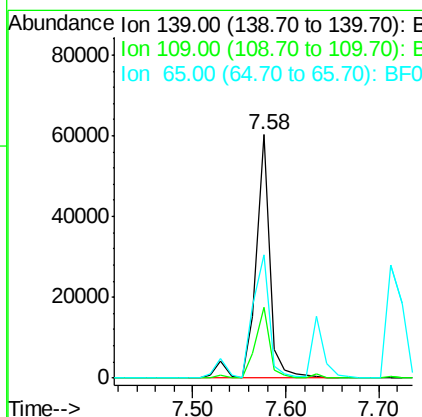
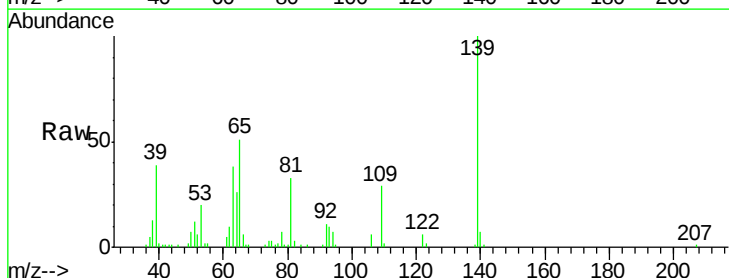
RT: 7.58 min Scan# 524

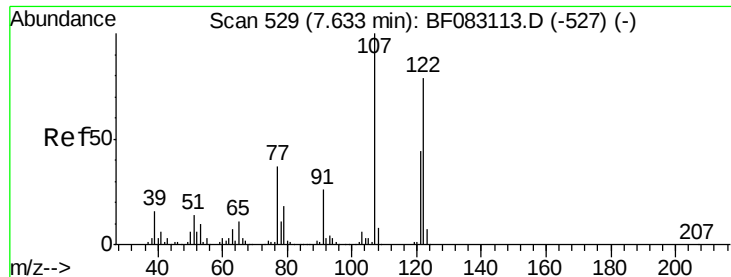
Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

| Tgt Ion   | 139   | Resp  | 63109 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 29.1  | 27.8  | 41.6  |
| 65        | 50.8  | 56.4  | 84.6# |





#27

2,4-Dimethylphenol

Concen: 10.99 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

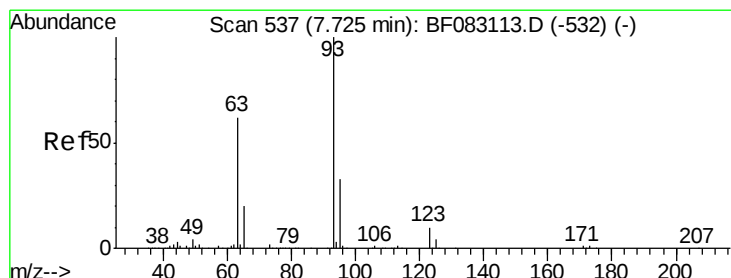
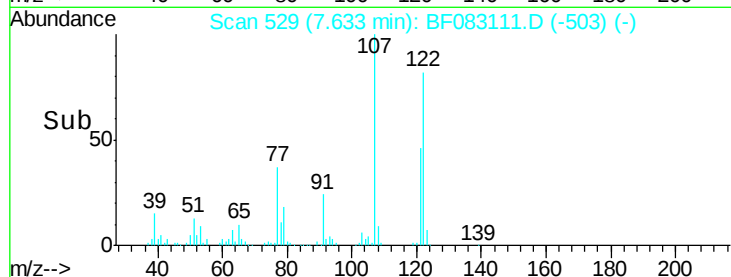
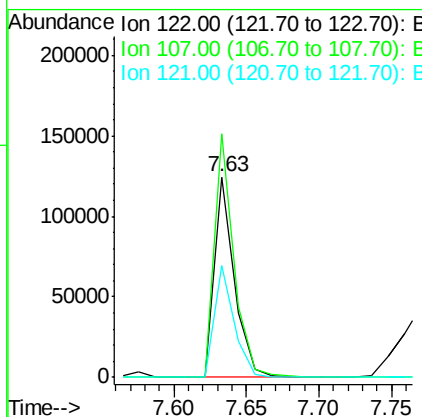
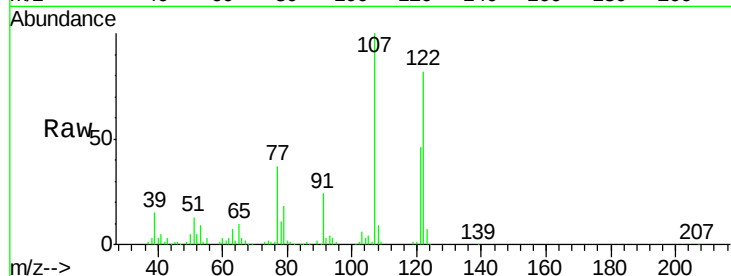
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 117684 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 121.6 | 97.5  | 146.3  |
| 121       | 55.8  | 45.3  | 67.9   |

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#28

bis(2-Chloroethoxy)methane

Concen: 9.83 ng

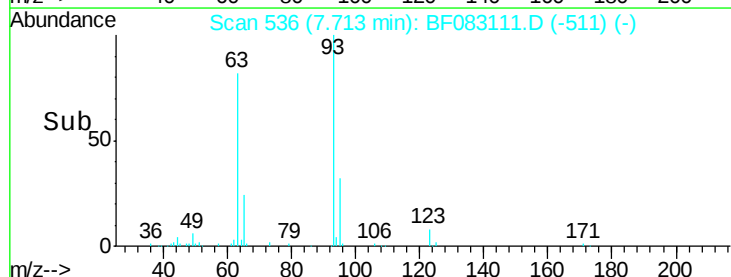
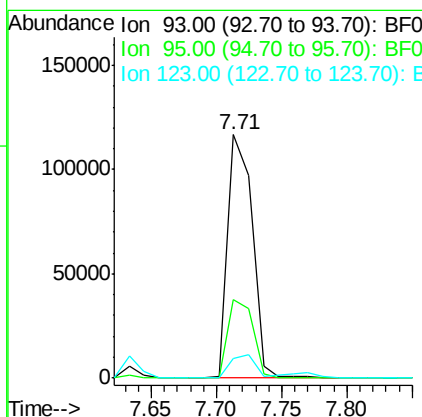
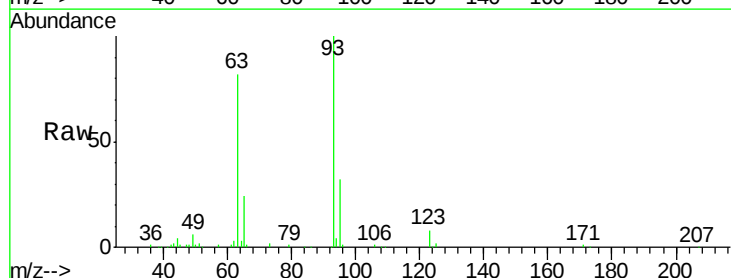
RT: 7.71 min Scan# 536

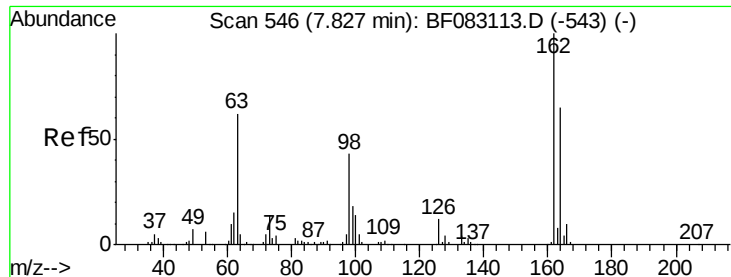
Delta R.T. -0.01 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 152651 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.3  | 26.2  | 39.2   |
| 123       | 8.1   | 8.5   | 12.7#  |





#29

2,4-Dichlorophenol

Concen: 10.81 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

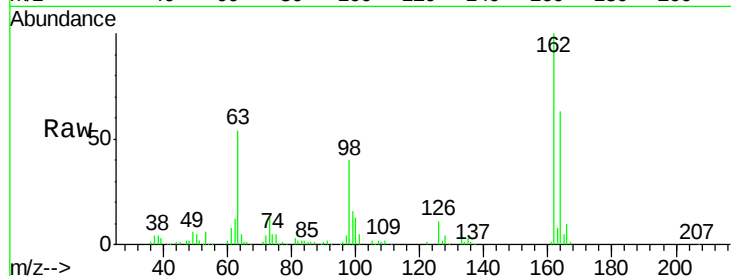
ClientSampleId :

SSTDICC010

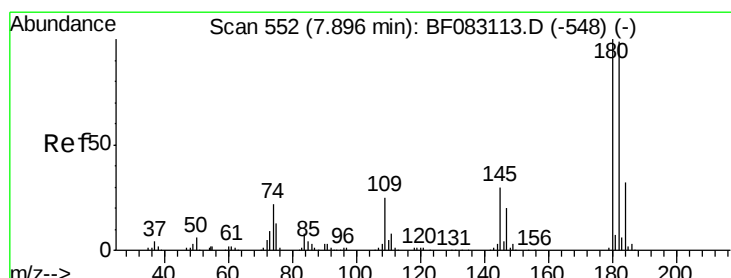
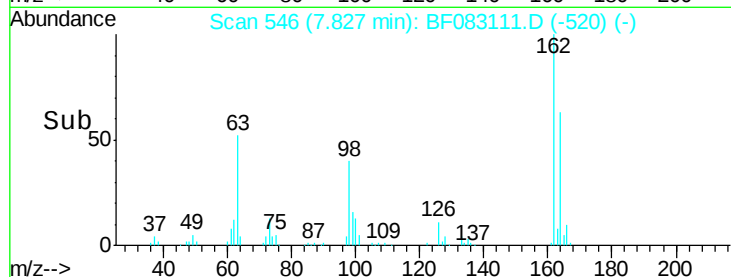
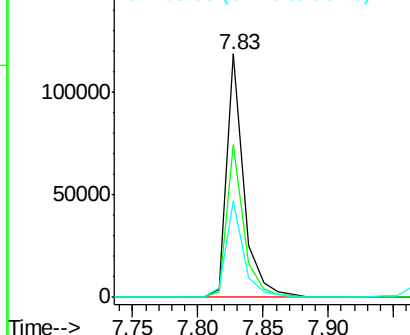
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 109317 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 62.8  | 44.1  | 84.1   |
| 98        | 39.8  | 21.6  | 61.6   |

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



#30

1,2,4-Trichlorobenzene

Concen: 10.30 ng

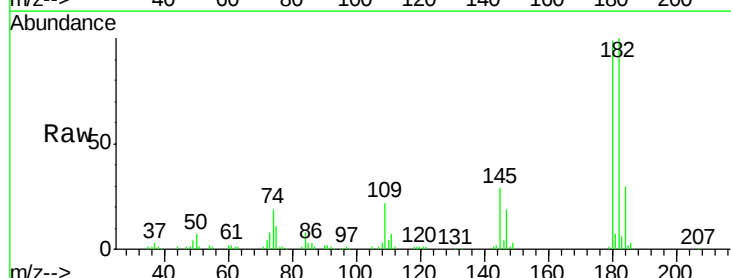
RT: 7.90 min Scan# 552

Delta R.T. -0.00 min

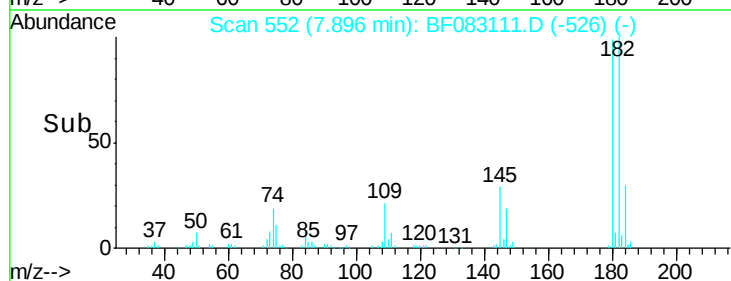
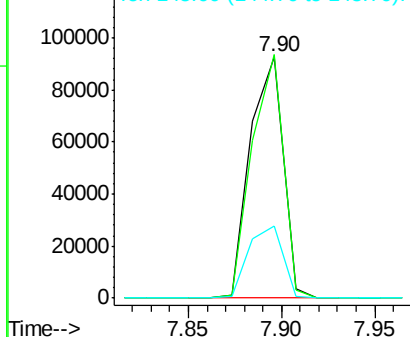
Lab File: BF083111.D

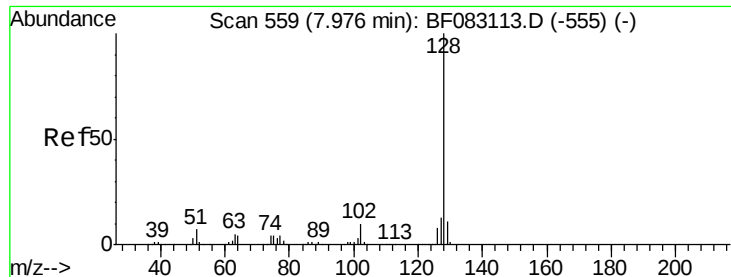
Acq: 21 Nov 2015 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 113328 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 101.0 | 76.2  | 114.4  |
| 145       | 29.7  | 24.0  | 36.0   |



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





#31

Naphthalene

Concen: 10.76 ng

RT: 7.96 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

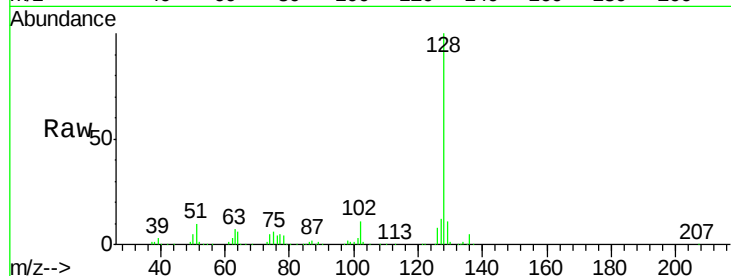
ClientSampleId :

SSTDICC010

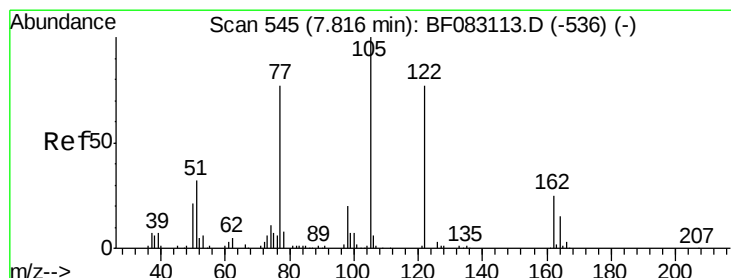
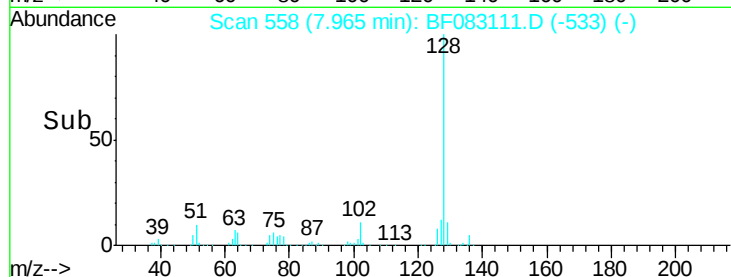
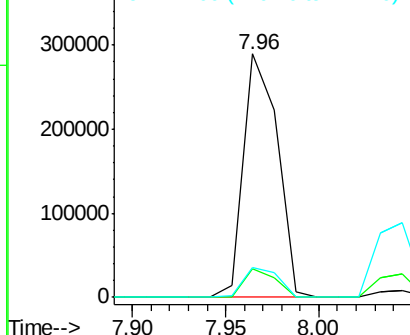
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 366228 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.5  | 9.0   | 13.4   |
| 127       | 12.4  | 10.9  | 16.3   |

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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: 8.66 ng

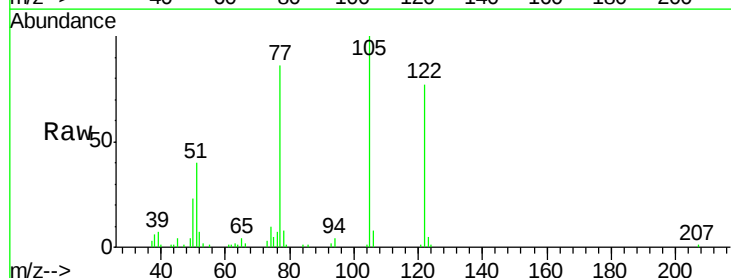
RT: 7.77 min Scan# 541

Delta R.T. -0.05 min

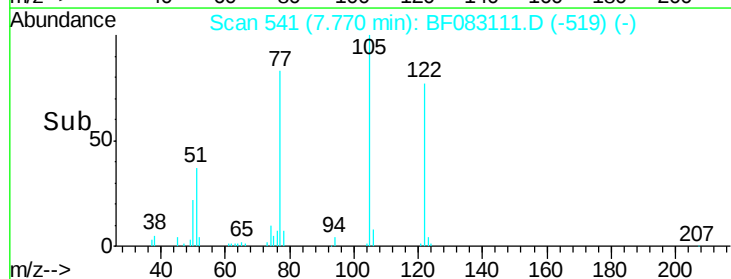
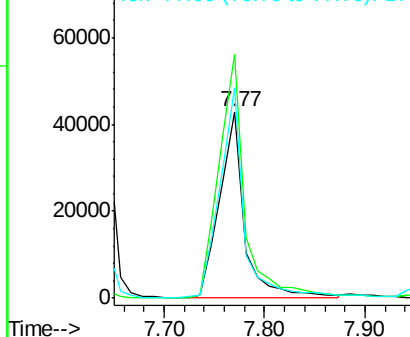
Lab File: BF083111.D

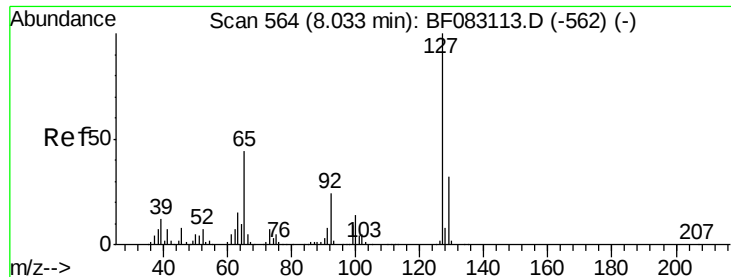
Acq: 21 Nov 2015 13:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 74368 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 130.7 | 115.0 | 155.0 |
| 77        | 113.0 | 89.0  | 129.0 |



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





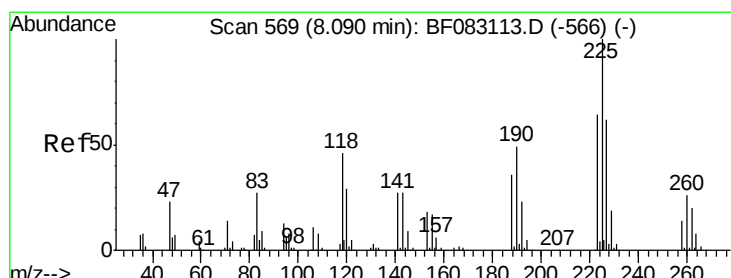
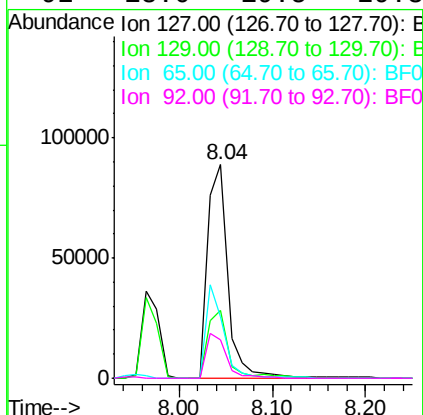
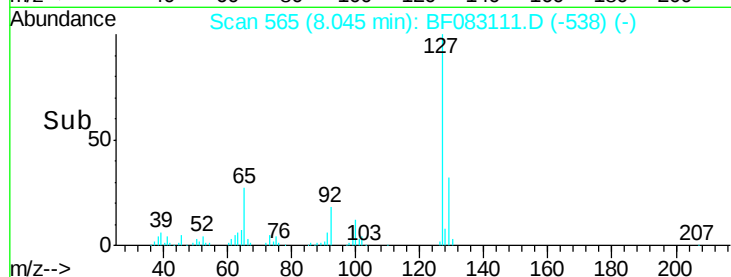
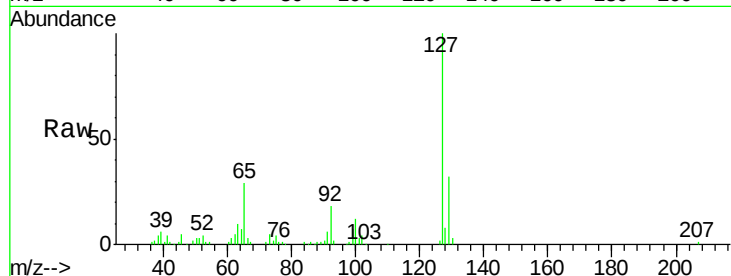
#33  
4-Chloroaniline  
Concen: 10.04 ng  
RT: 8.04 min Scan# 565  
Delta R.T. 0.01 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 127     | 100  |       |      |       |       |
| 129     | 31.6 | 26.1  | 39.1 |       |       |
| 65      | 29.0 | 34.4  | 51.6 |       |       |
| 92      | 18.0 | 19.5  | 29.3 |       |       |

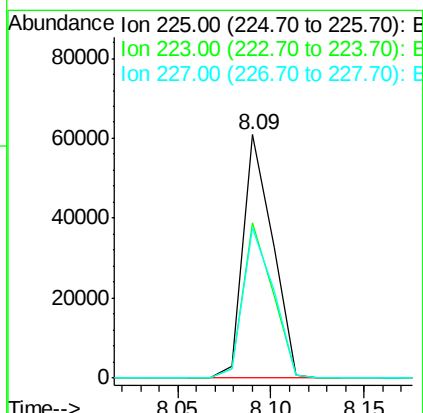
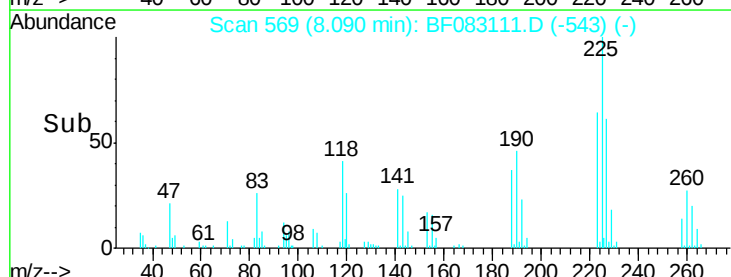
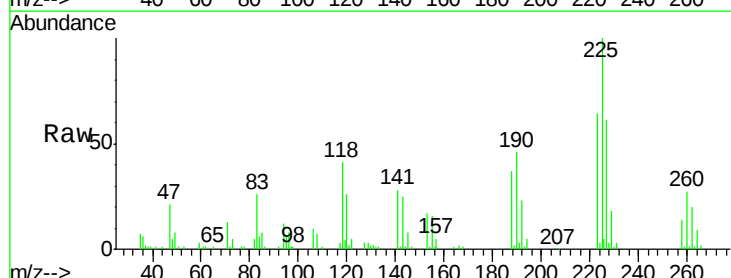
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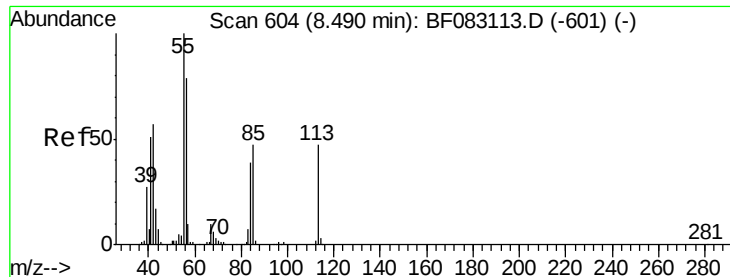
Mmdadoda  
11/23/2015 7:01:18 PM



#34  
Hexachlorobutadiene  
Concen: 10.29 ng  
RT: 8.09 min Scan# 569  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 225     | 100  |       |      |       |       |
| 223     | 63.8 | 49.8  | 74.6 |       |       |
| 227     | 61.4 | 50.6  | 76.0 |       |       |





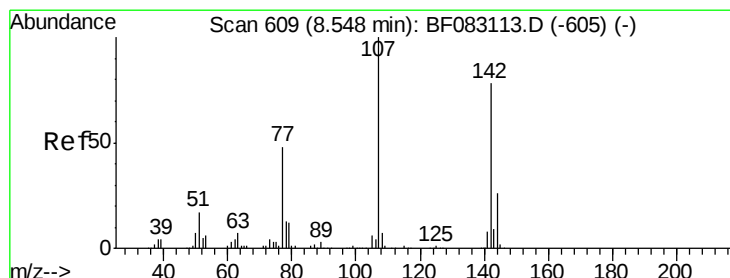
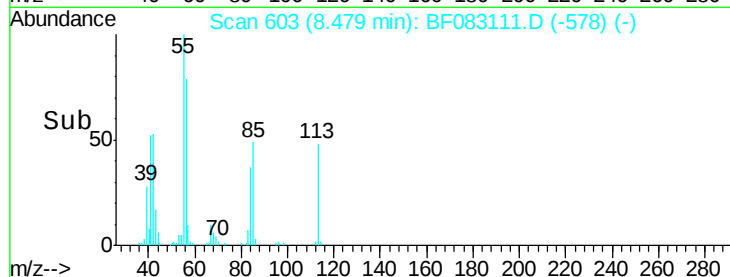
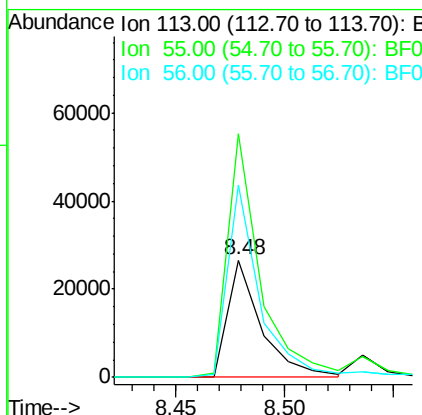
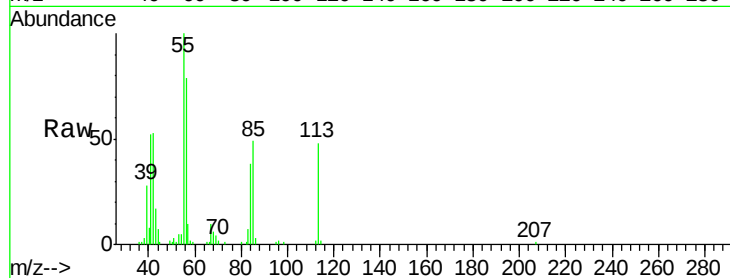
#35  
 Caprolactam  
 Concen: 9.27 ng  
 RT: 8.48 min Scan# 603  
 Delta R.T. -0.01 min  
 Lab File: BF083111.D  
 Acq: 21 Nov 2015 13:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 208.2 | 189.1 | 229.1 |
| 56      | 165.0 | 137.9 | 177.9 |

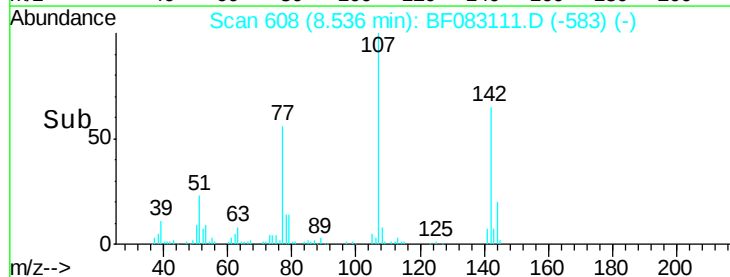
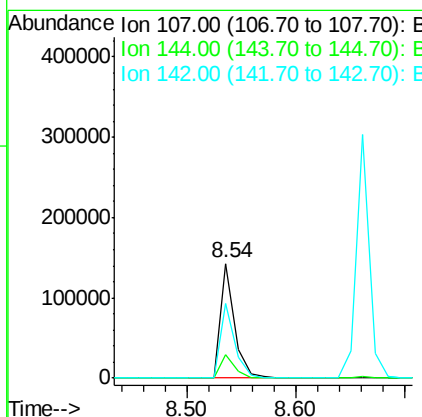
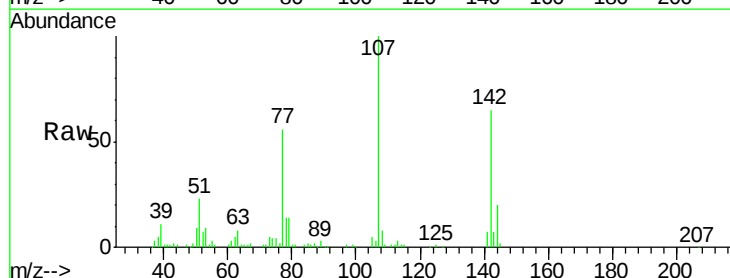
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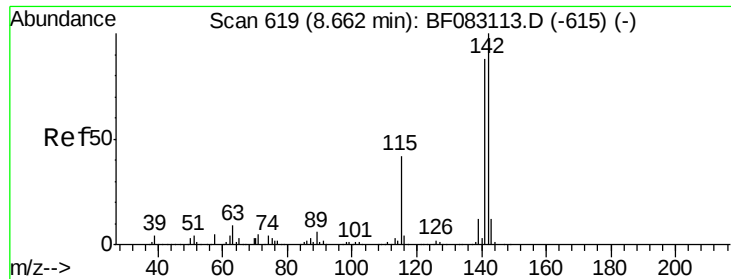
Mmdadoda  
 11/23/2015 7:01:18 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 11.03 ng  
 RT: 8.54 min Scan# 608  
 Delta R.T. -0.01 min  
 Lab File: BF083111.D  
 Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 20.5  | 20.0  | 30.0  |
| 142     | 64.8  | 61.3  | 91.9  |





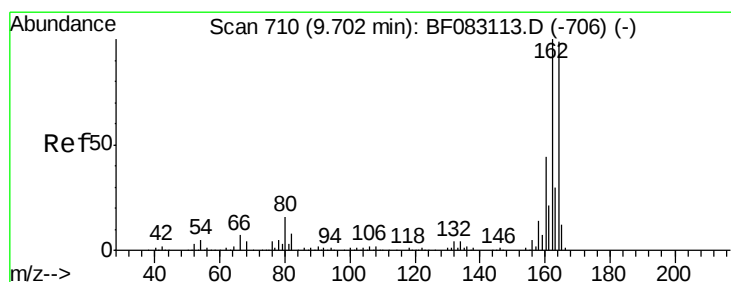
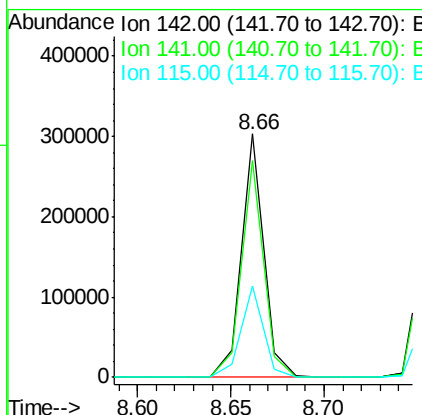
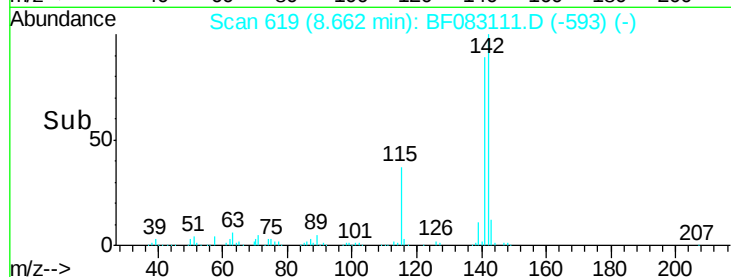
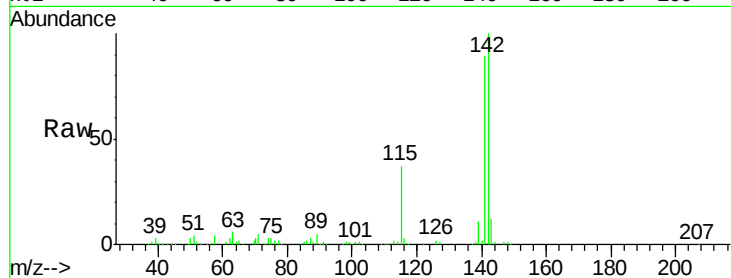
#37  
2-Methylnaphthalene  
Concen: 11.50 ng  
RT: 8.66 min Scan# 619  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.2  | 70.7  | 106.1 |
| 115     | 37.3  | 33.1  | 49.7  |

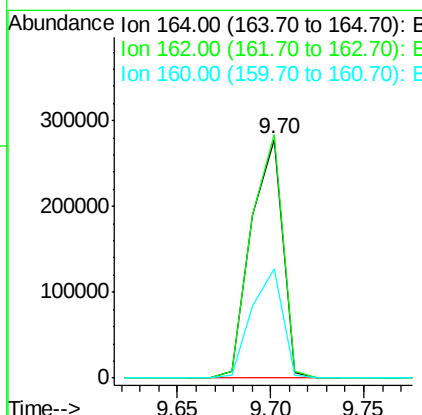
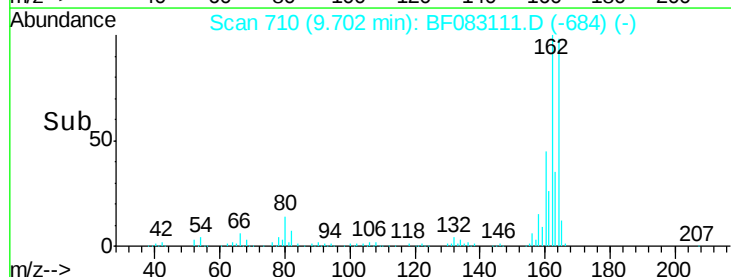
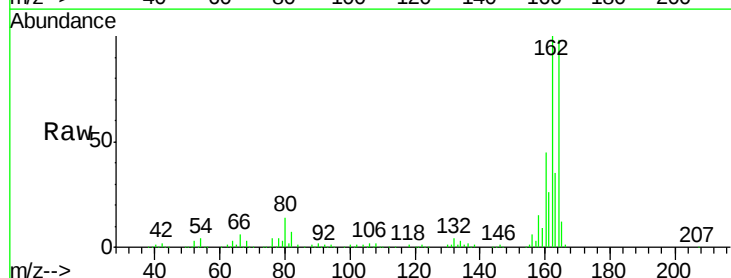
Manual Integrations  
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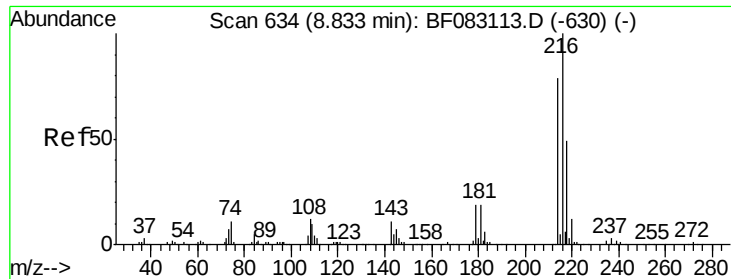
Mmdadoda  
11/23/2015 7:01:18 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.70 min Scan# 710  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.0 | 80.5  | 120.7 |
| 160     | 45.7  | 35.0  | 52.4  |





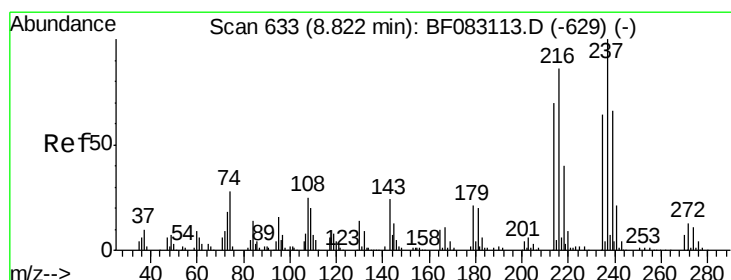
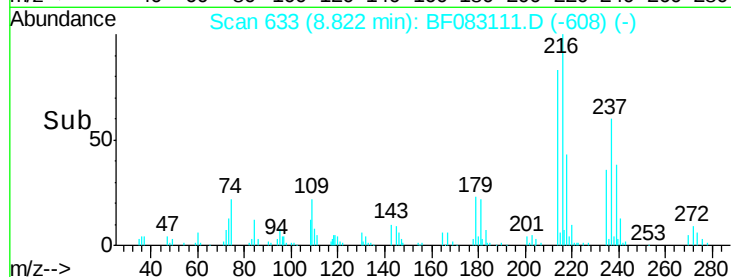
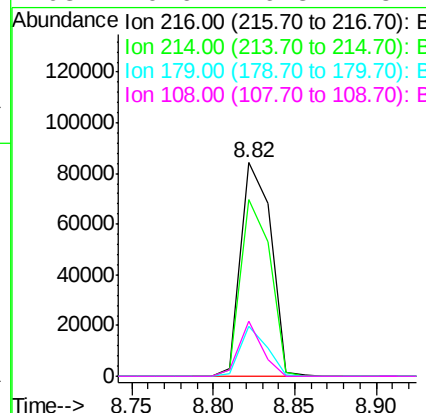
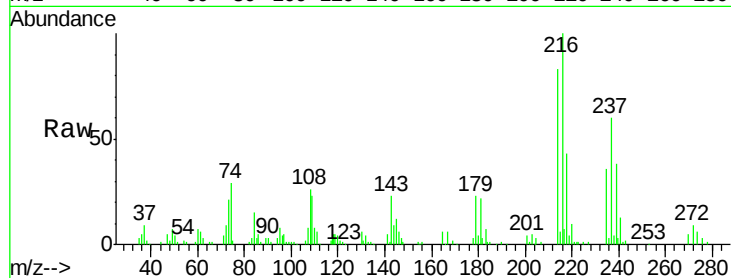
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 10.20 ng  
RT: 8.82 min Scan# 633  
Delta R.T. -0.01 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 108156 |       |       |
| 214     | 80.3 |       | 64.6   | 97.0  |       |
| 179     | 20.2 |       | 17.8   | 26.6  |       |
| 108     | 19.6 |       | 16.8   | 25.2  |       |

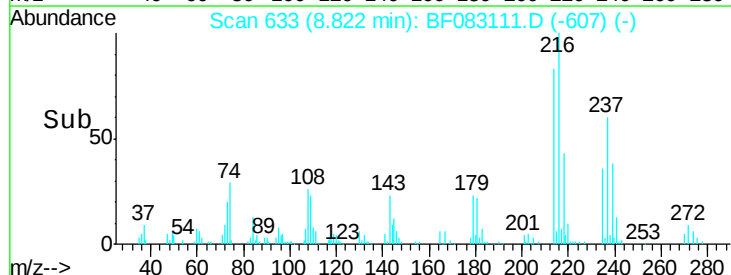
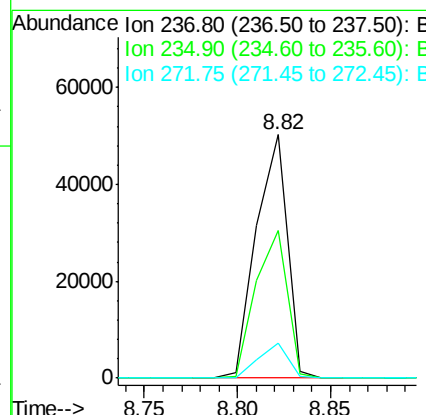
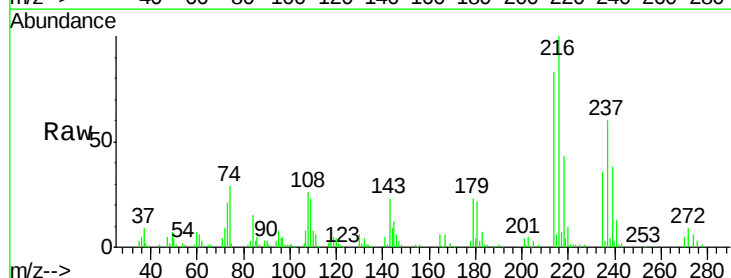
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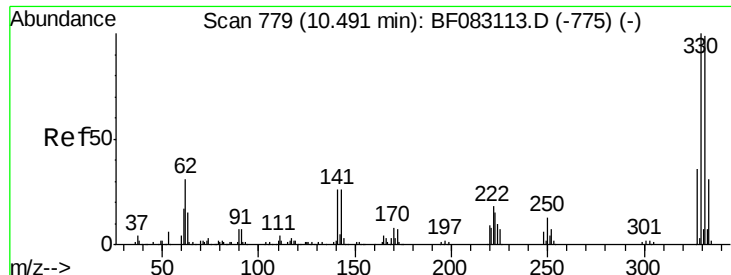
Mmdadoda  
11/23/2015 7:01:18 PM



#40  
Hexachlorocyclopentadiene  
Concen: 9.19 ng  
RT: 8.82 min Scan# 633  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 237     | 100  |       | 57803 |       |       |
| 235     | 60.7 |       | 44.1  | 84.1  |       |
| 272     | 14.3 |       | 0.0   | 30.9  |       |





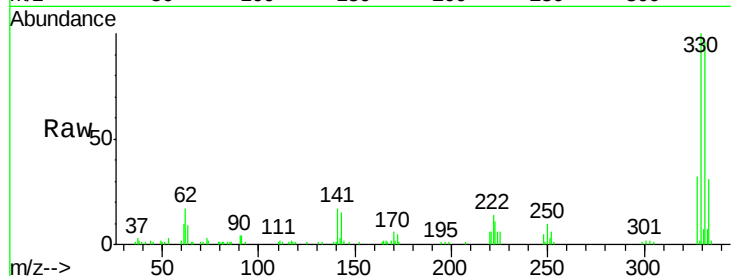
#41  
 2,4,6-Tribromophenol  
 Concen: 20.16 ng  
 RT: 10.49 min Scan# 779  
 Delta R.T. -0.00 min  
 Lab File: BF083111.D  
 Acq: 21 Nov 2015 13:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

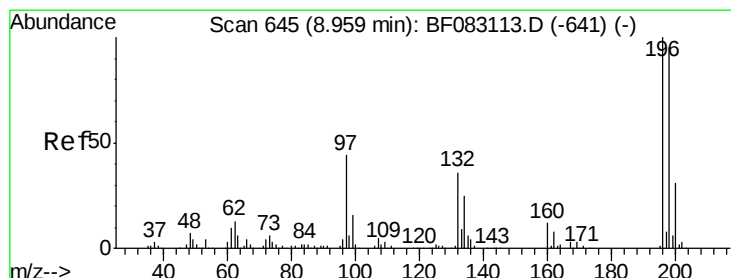
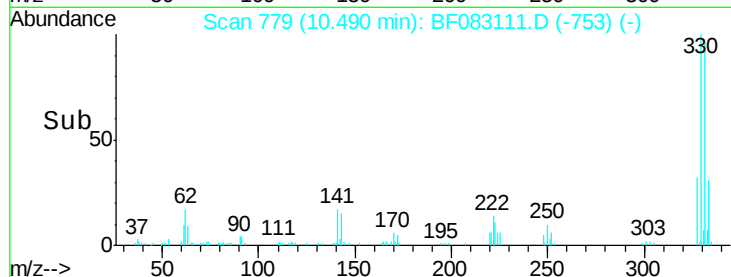
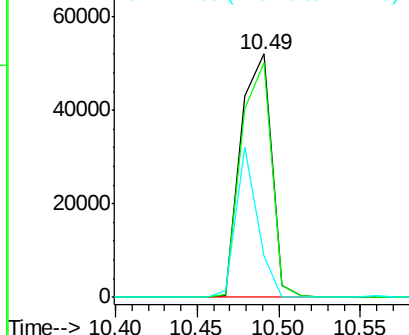
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.6  | 77.6  | 116.4 |
| 141     | 42.8  | 34.6  | 52.0  |

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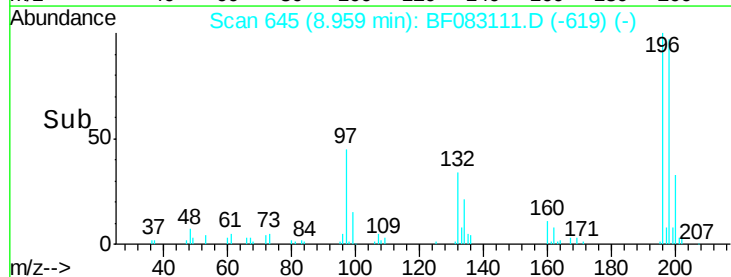
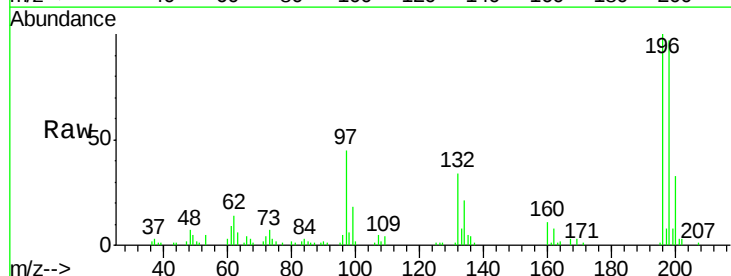
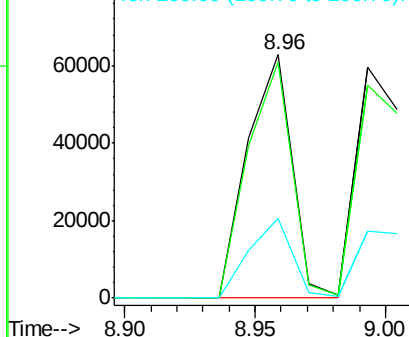
Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

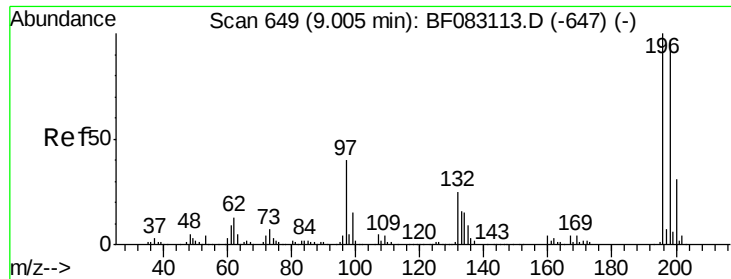


#42  
 2,4,6-Trichlorophenol  
 Concen: 9.71 ng  
 RT: 8.96 min Scan# 645  
 Delta R.T. -0.00 min  
 Lab File: BF083111.D  
 Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.0  | 75.9  | 113.9 |
| 200     | 32.5  | 24.0  | 36.0  |

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





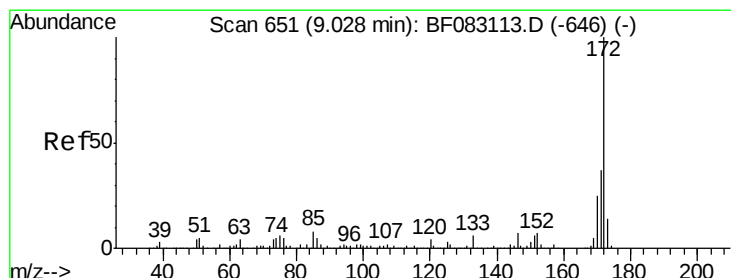
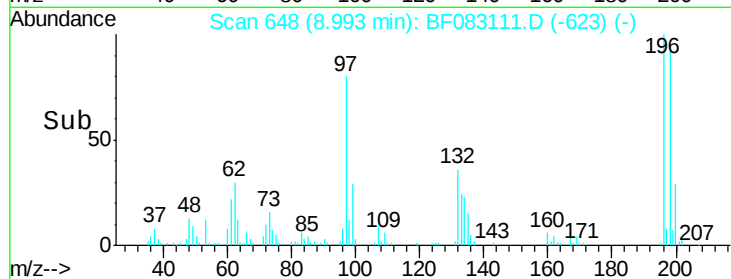
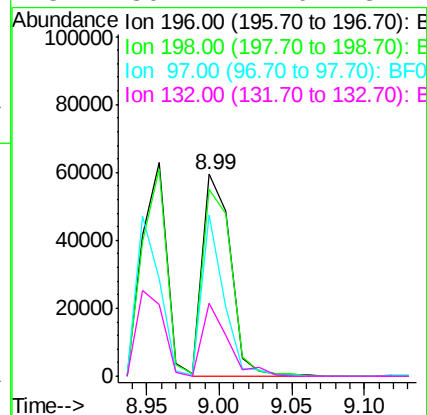
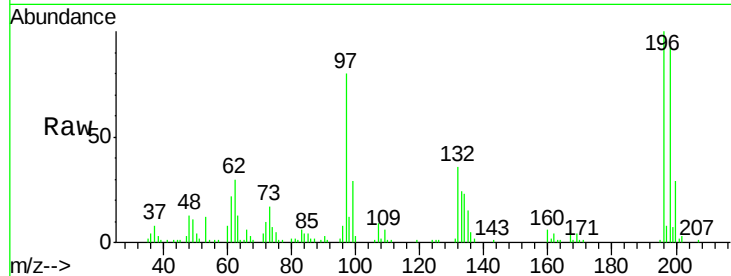
#43  
 2,4,5-Trichlorophenol  
 Concen: 10.23 ng  
 RT: 8.99 min Scan# 648  
 Delta R.T. -0.01 min  
 Lab File: BF083111.D  
 Acq: 21 Nov 2015 13:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 80020 |       |       |
| 198     | 92.4  | 77.8  | 116.6 |       |
| 97      | 79.6  | 37.1  | 55.7# |       |
| 132     | 36.1  | 21.0  | 31.4# |       |

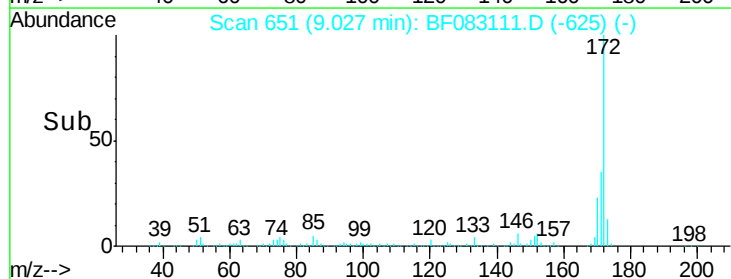
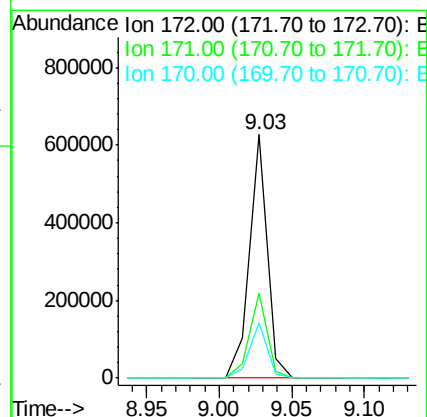
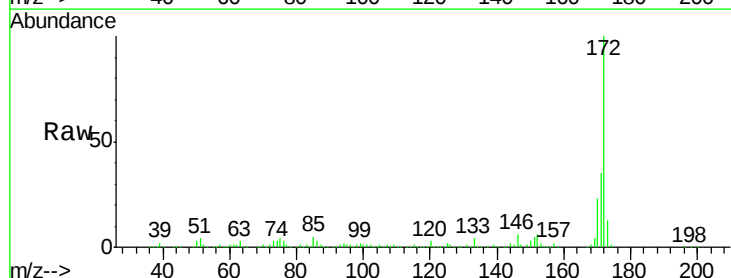
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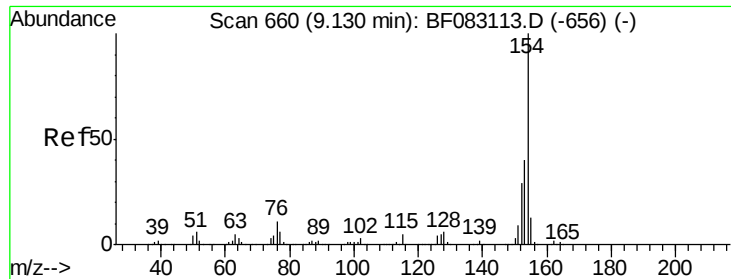
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#44  
 2-Fluorobiphenyl  
 Concen: 23.83 ng  
 RT: 9.03 min Scan# 651  
 Delta R.T. -0.00 min  
 Lab File: BF083111.D  
 Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 539920 |       |       |
| 171     | 34.9  | 28.2   | 42.4  |       |
| 170     | 22.8  | 19.4   | 29.0  |       |





#45

1,1'-Biphenyl

Concen: 10.66 ng

RT: 9.13 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

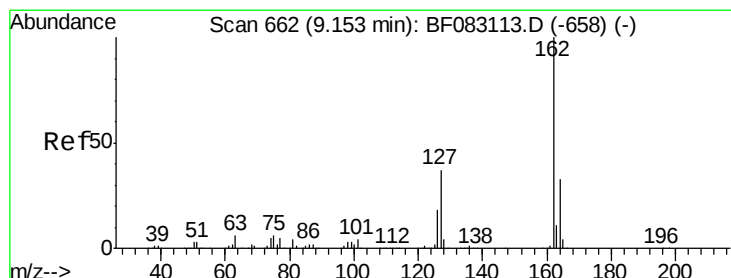
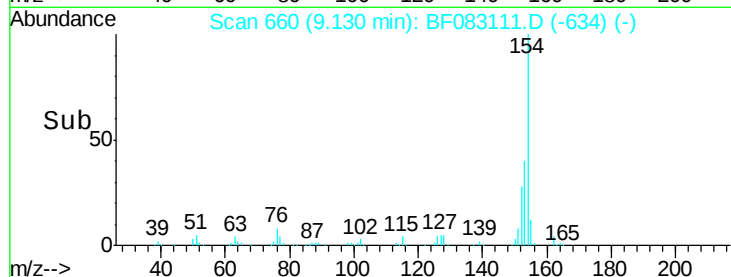
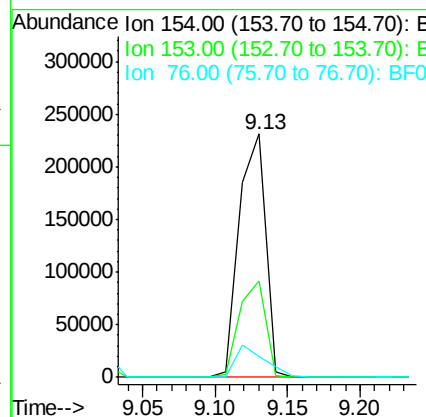
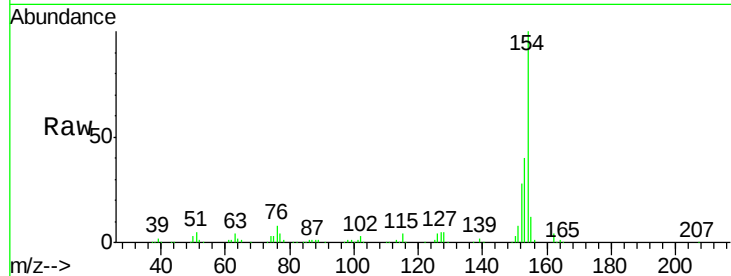
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 293254 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.5  | 20.7  | 60.7   |
| 76        | 8.4   | 0.0   | 34.0   |

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#46

2-Chloronaphthalene

Concen: 10.65 ng

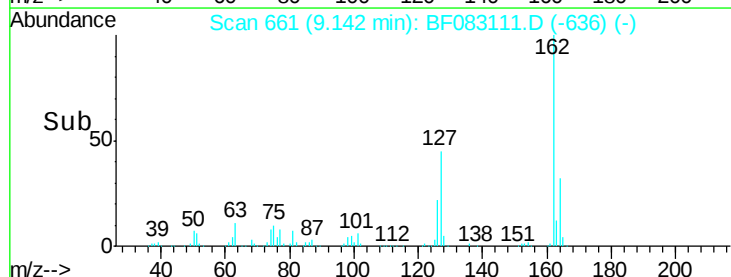
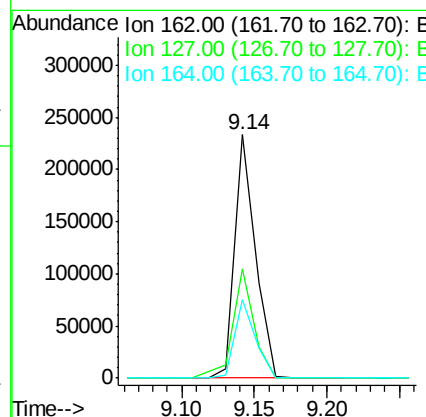
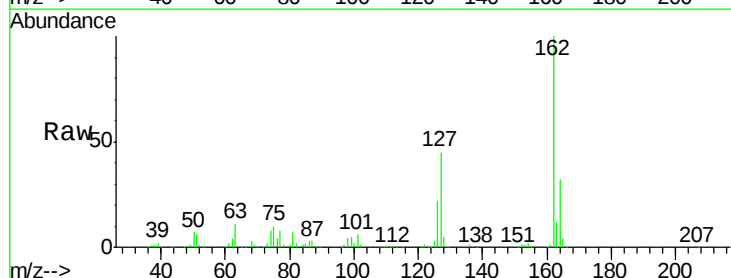
RT: 9.14 min Scan# 661

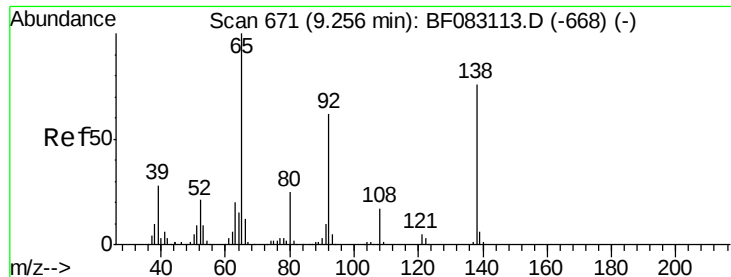
Delta R.T. -0.01 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 230500 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 45.1  | 32.8  | 49.2   |
| 164       | 32.3  | 26.9  | 40.3   |





#47

2-Nitroaniline

Concen: 10.39 ng

RT: 9.26 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

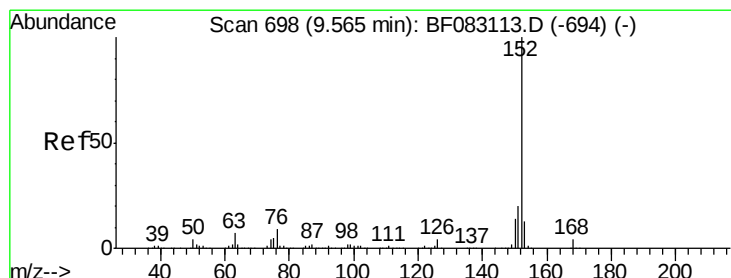
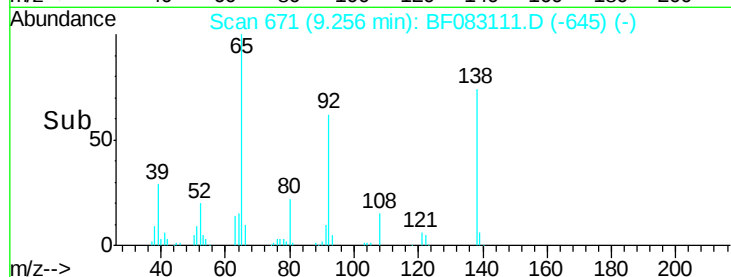
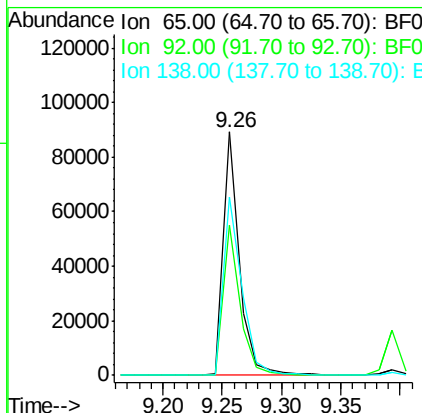
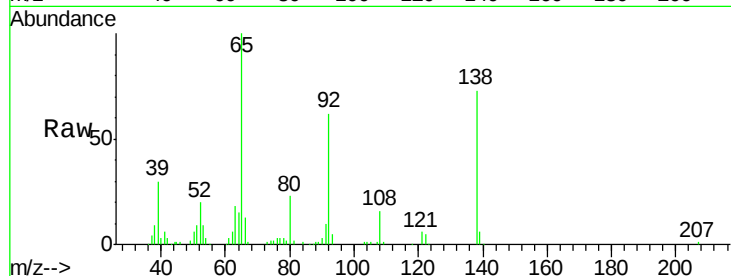
ClientSampleId :

SSTDICC010

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 65    | Resp: | 82317 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 61.5  | 49.6  | 74.4  |
| 138       | 73.2  | 58.8  | 88.2  |

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#48

Acenaphthylene

Concen: 11.06 ng

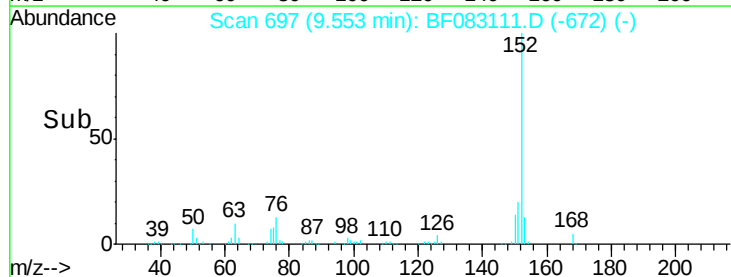
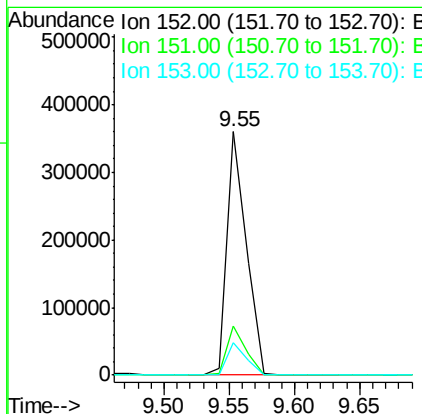
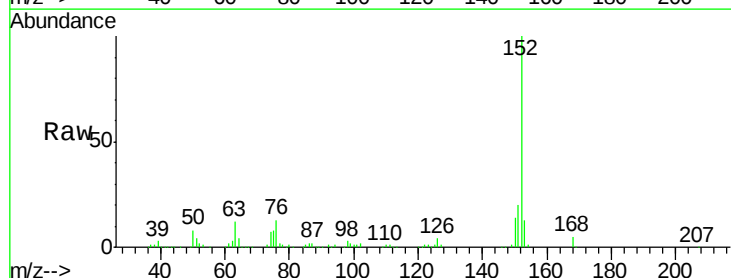
RT: 9.55 min Scan# 697

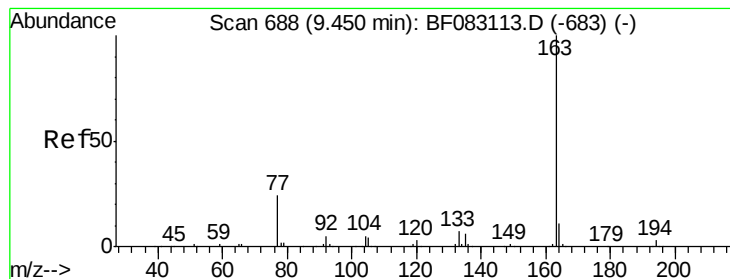
Delta R.T. -0.01 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 371075 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 19.9  | 16.2  | 24.2   |
| 153       | 13.5  | 10.6  | 15.8   |





#49

Dimethylphthalate

Concen: 10.23 ng

RT: 9.44 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

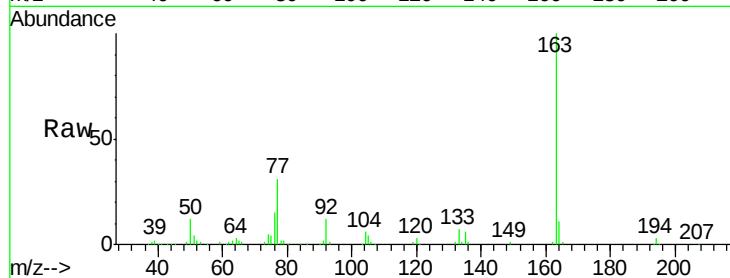
ClientSampleId :

SSTDICC010

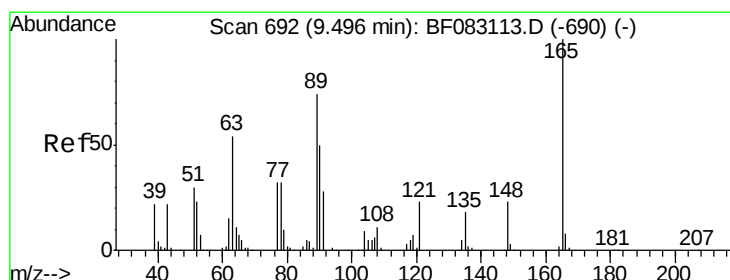
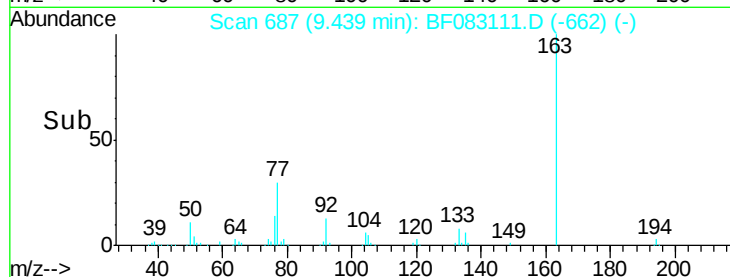
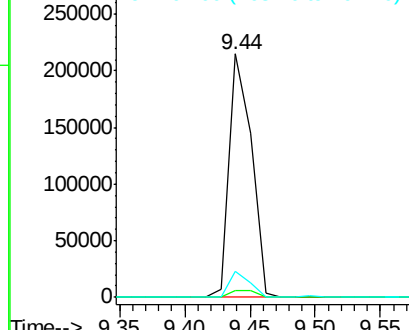
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 163   | Resp: | 255083 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 2.8   | 2.7   | 4.1    |
| 164       | 10.6  | 8.5   | 12.7   |

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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: 10.48 ng

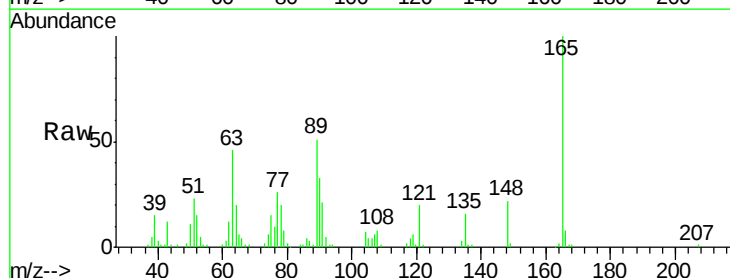
RT: 9.50 min Scan# 692

Delta R.T. -0.00 min

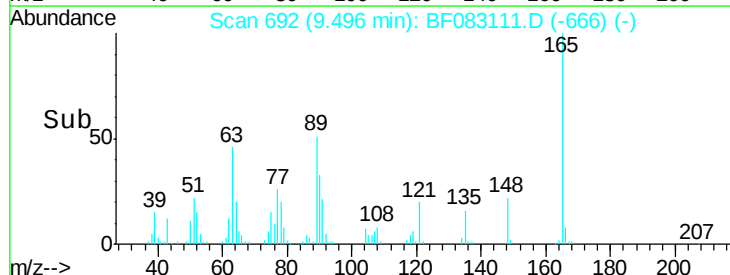
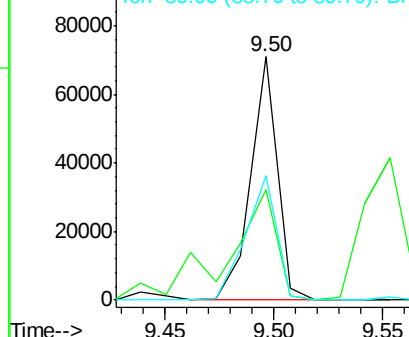
Lab File: BF083111.D

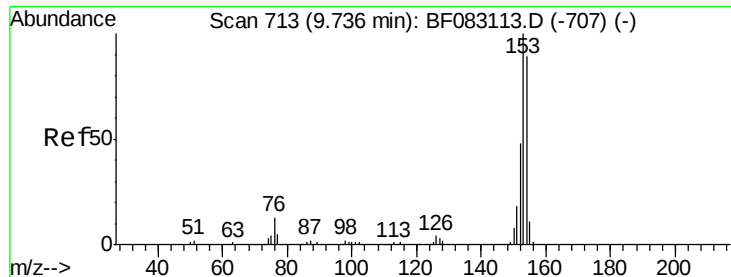
Acq: 21 Nov 2015 13:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 60071 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 45.6  | 40.6  | 61.0  |
| 89        | 51.3  | 44.5  | 66.7  |



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: 10.22 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.01 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

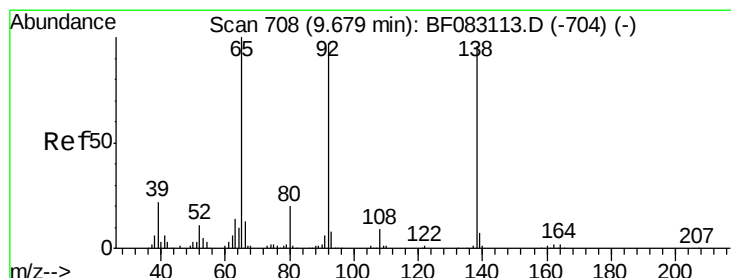
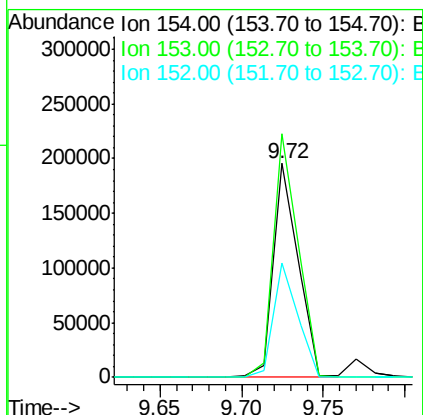
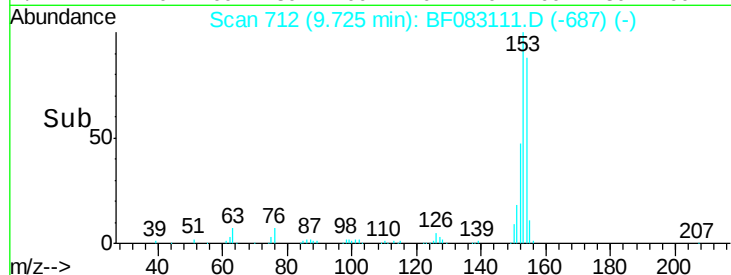
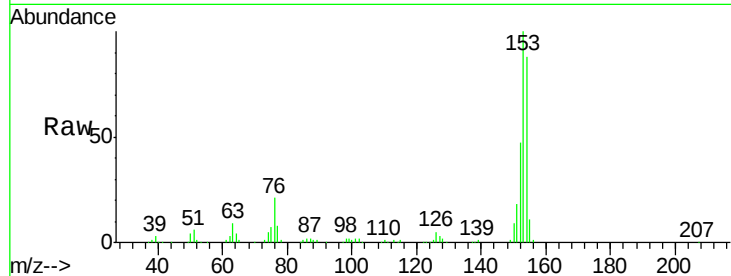
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 207688 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.0 | 90.1  | 135.1  |
| 152       | 53.4  | 43.3  | 64.9   |

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#52

3-Nitroaniline

Concen: 10.29 ng

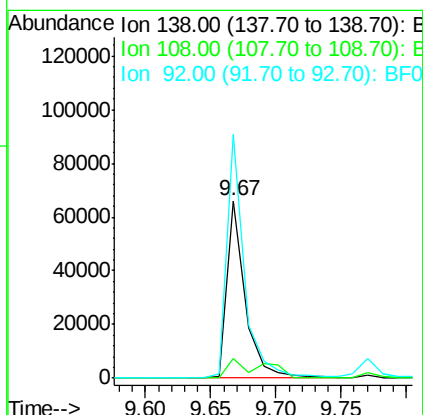
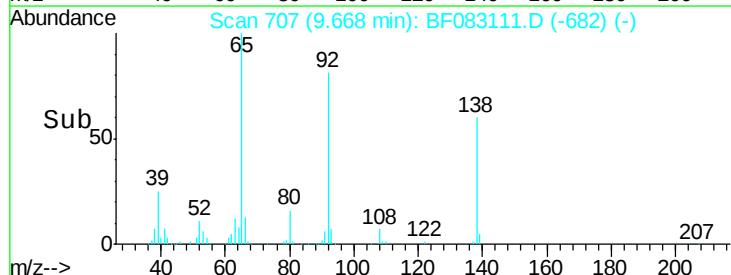
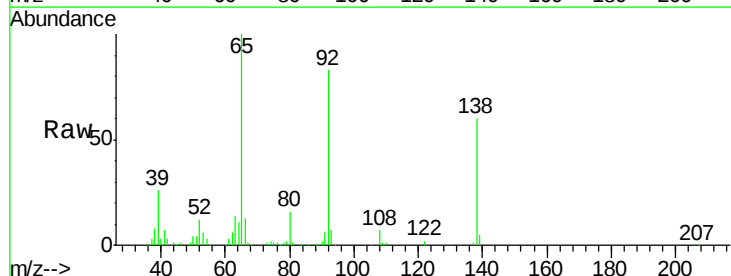
RT: 9.67 min Scan# 707

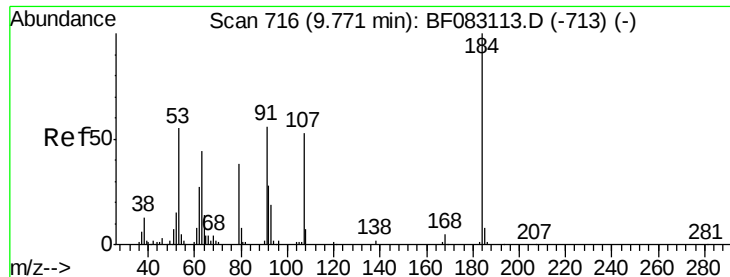
Delta R.T. -0.01 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 64607 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.9  | 9.4   | 14.0  |
| 92        | 137.4 | 115.2 | 172.8 |





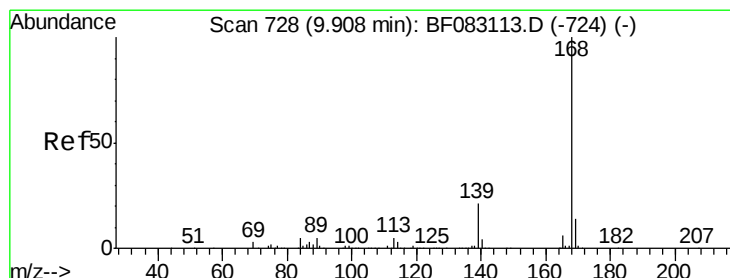
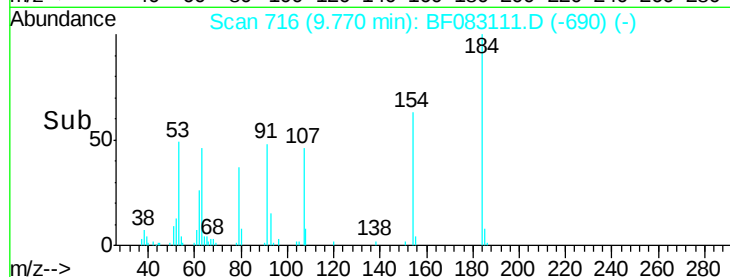
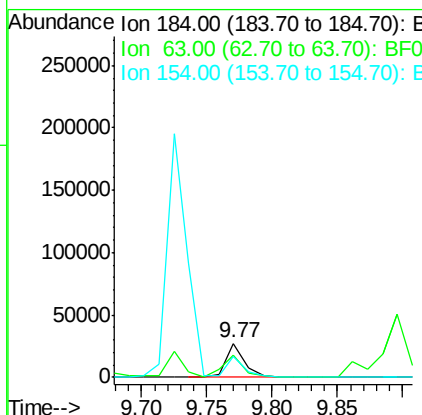
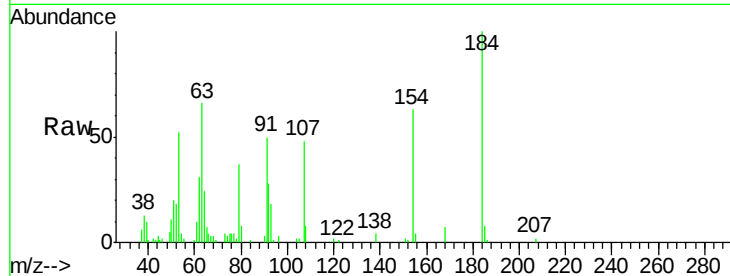
#53  
2,4-Dinitrophenol  
Concen: 8.30 ng  
RT: 9.77 min Scan# 716  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 27303 |       |       |
| 63      | 66.2  | 30.4  | 45.6# |       |
| 154     | 62.6  | 44.9  | 67.3  |       |

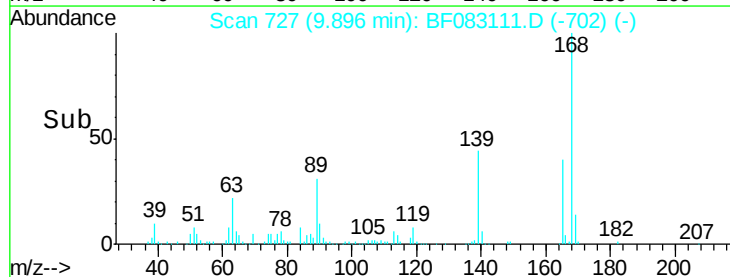
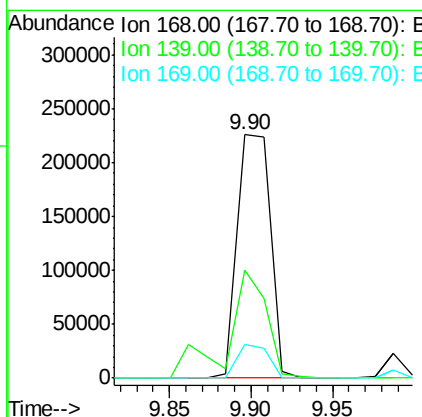
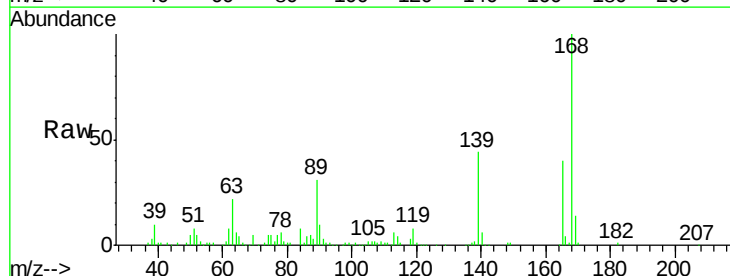
Manual Integrations  
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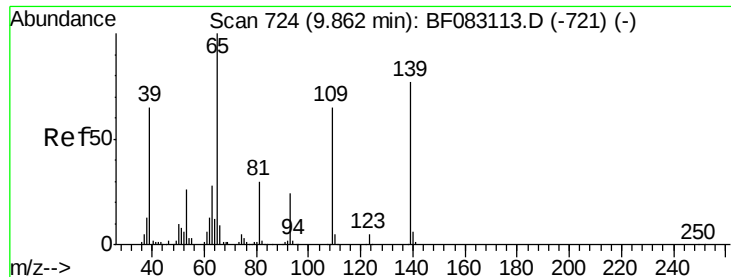
Mmdadoda  
11/23/2015 7:01:18 PM



#54  
Dibenzofuran  
Concen: 11.04 ng  
RT: 9.90 min Scan# 727  
Delta R.T. -0.01 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 315899 |       |       |
| 139     | 44.1  | 33.5   | 50.3  |       |
| 169     | 14.1  | 11.2   | 16.8  |       |





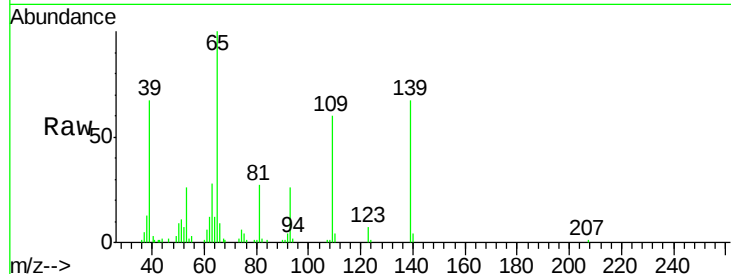
#55  
4-Nitrophenol  
Concen: 8.81 ng/mL  
RT: 9.86 min Scan# 724  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 88.7  | 54.6  | 94.6  |
| 65      | 148.7 | 74.4  | 114.4 |

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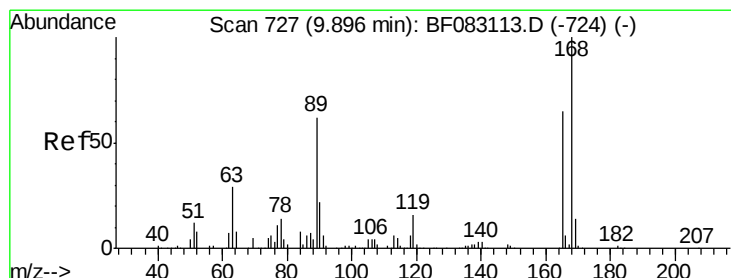
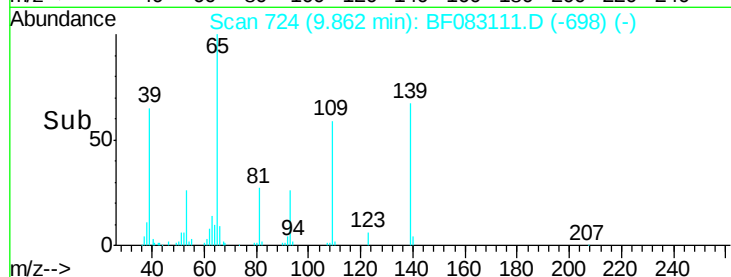
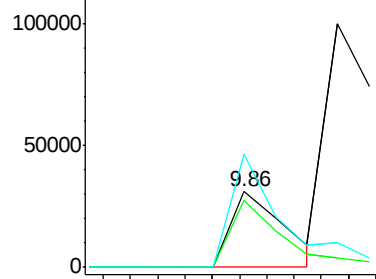


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



#56  
2,4-Dinitrotoluene  
Concen: 10.66 ng/mL  
RT: 9.90 min Scan# 727  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 56.0  | 40.6  | 61.0  |
| 89      | 76.8  | 64.4  | 96.6  |
| 182     | 2.4   | 1.6   | 2.4   |

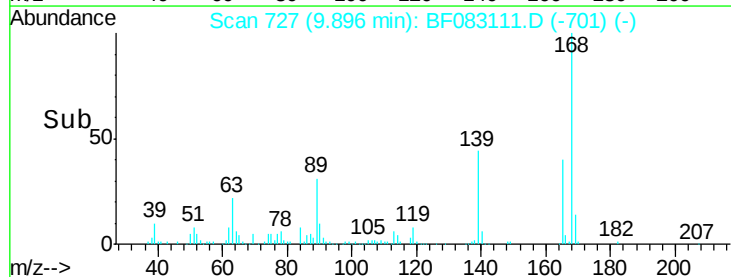
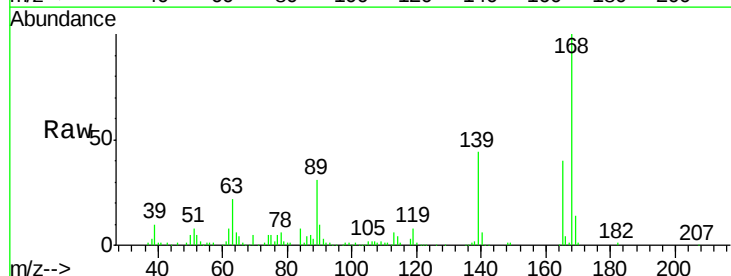
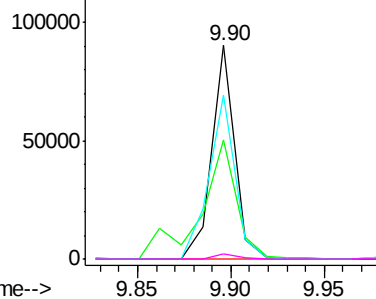
Abundance

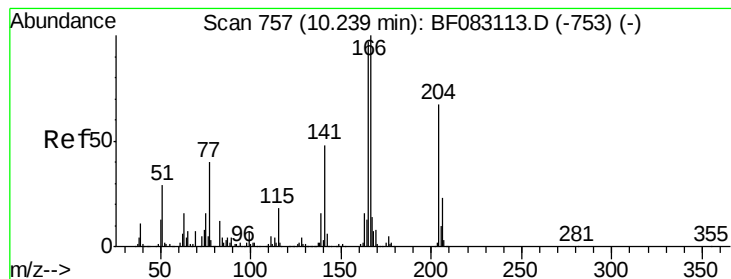
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 89.00 (88.70 to 89.70): E

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 11.03 ng

RT: 10.24 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

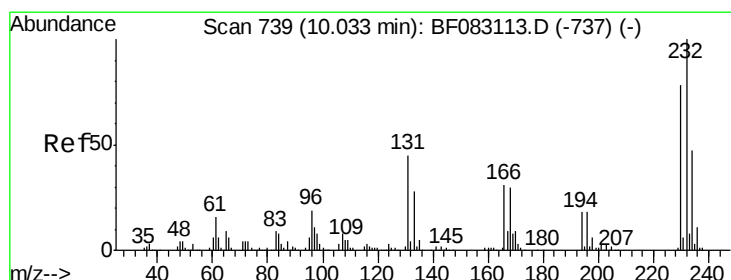
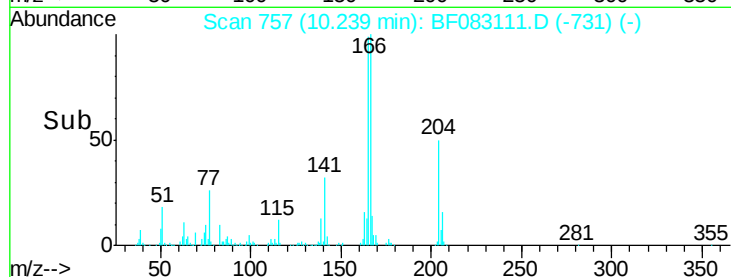
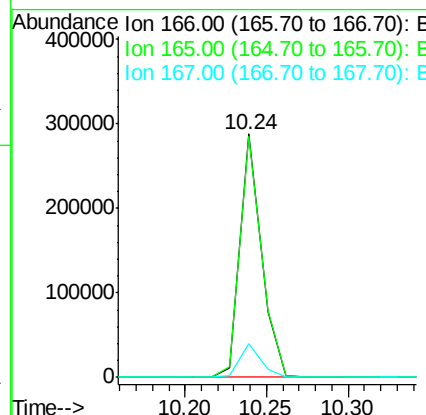
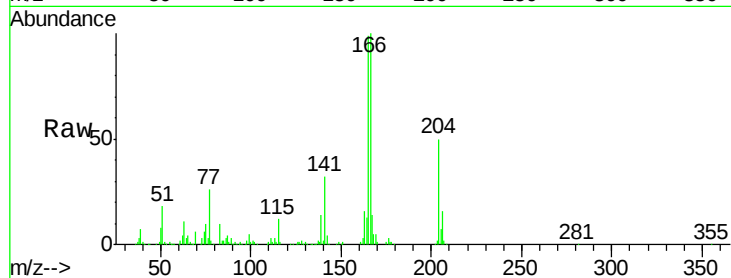
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 260809 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 99.2  | 77.1  | 115.7  |
| 167       | 13.6  | 11.0  | 16.4   |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 10.57 ng

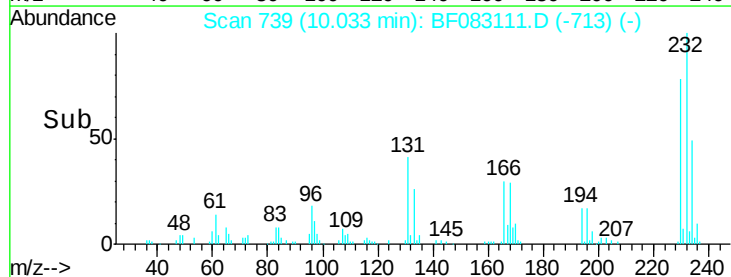
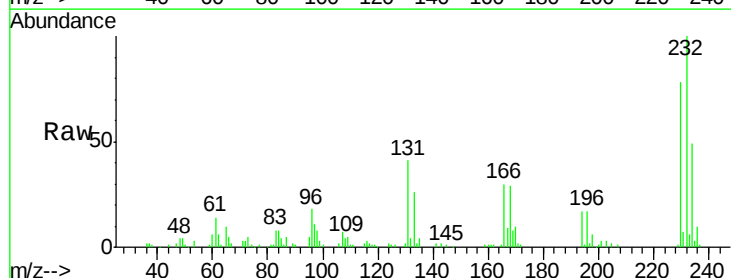
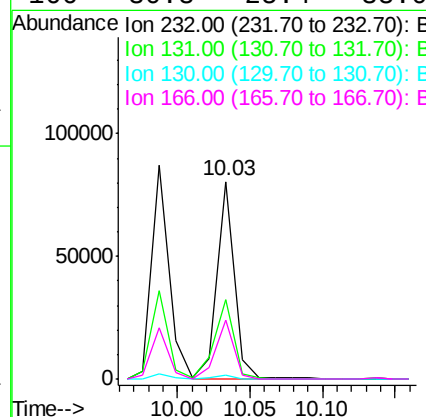
RT: 10.03 min Scan# 739

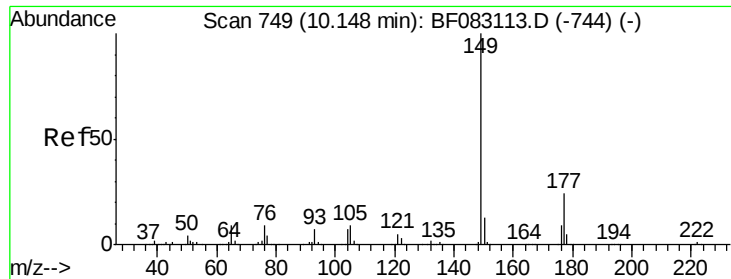
Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 67711 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 44.6  | 36.5  | 54.7  |
| 130       | 2.3   | 1.8   | 2.6   |
| 166       | 30.8  | 25.4  | 38.0  |





#59

Diethylphthalate

Concen: 10.29 ng

RT: 10.14 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

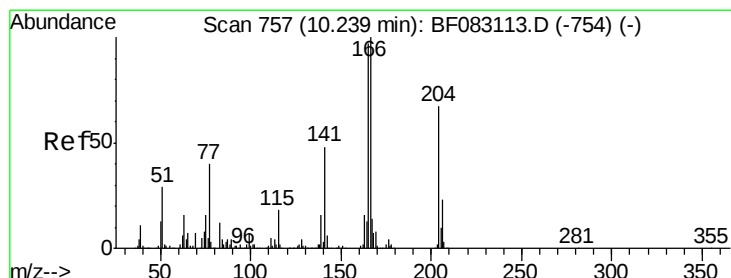
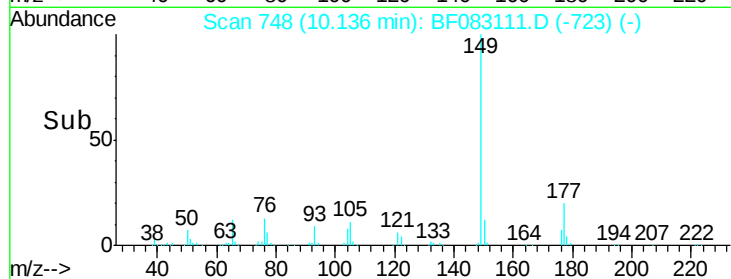
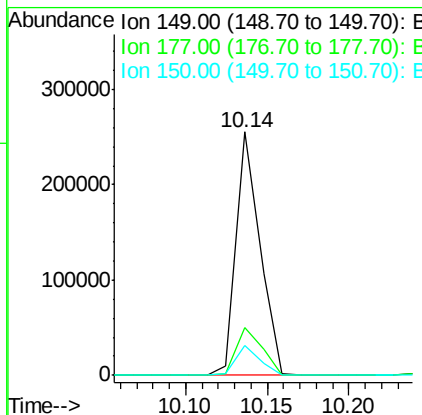
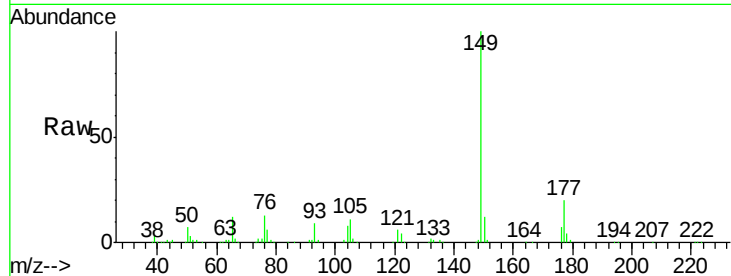
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 256919 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 19.5  | 17.4  | 26.2   |
| 150       | 12.3  | 10.2  | 15.2   |

Manual Integrations  
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11/23/2015 7:01:18 PM



#60

4-Chlorophenyl-phenylether

Concen: 11.60 ng

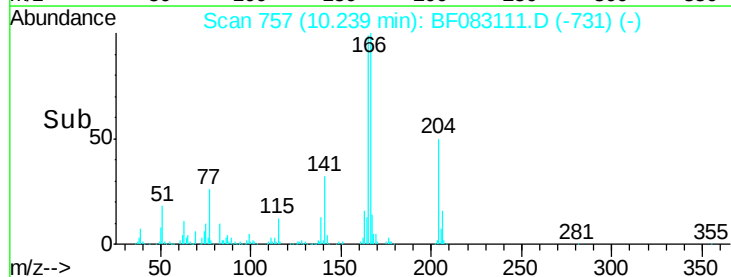
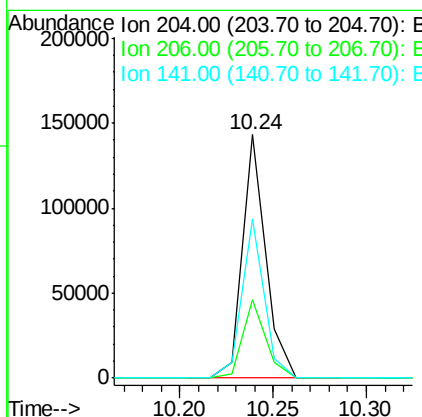
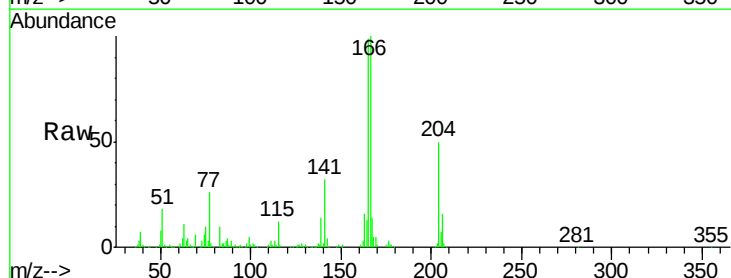
RT: 10.24 min Scan# 757

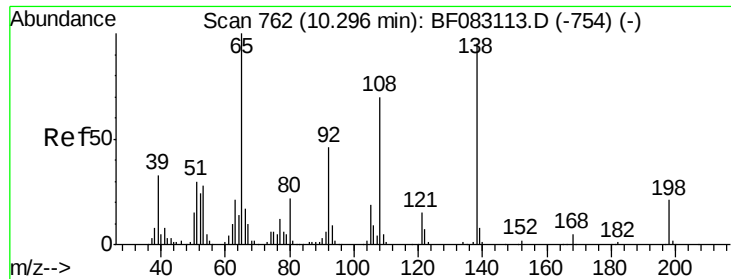
Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 124658 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.1  | 28.2  | 42.4   |
| 141       | 65.3  | 41.8  | 62.8#  |





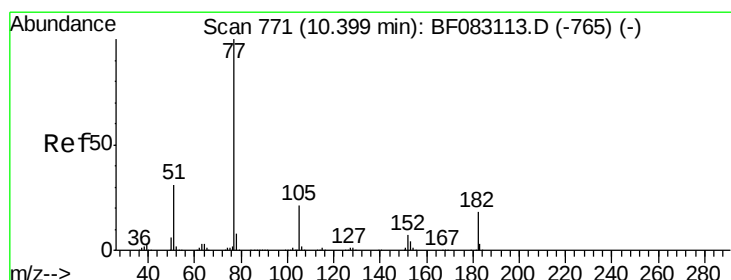
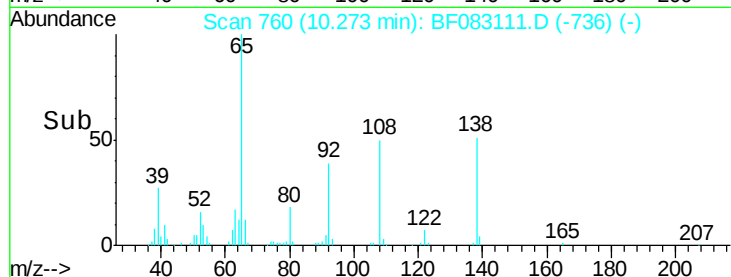
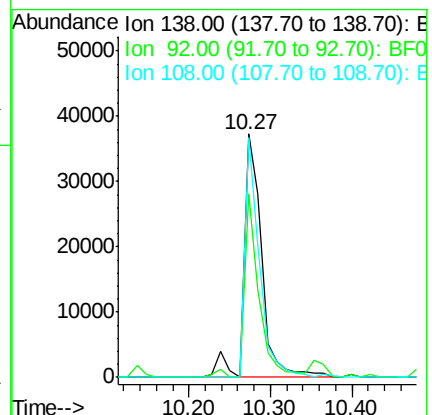
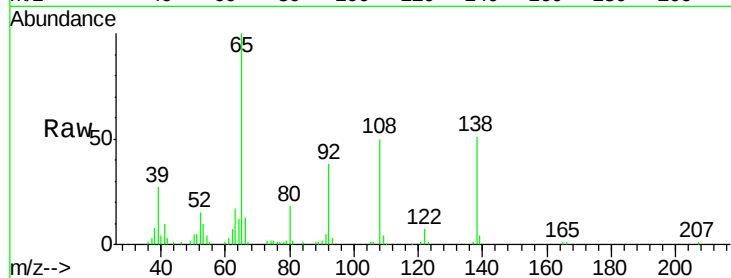
#61  
4-Nitroaniline  
Concen: 9.20 ng  
RT: 10.27 min Scan# 760  
Delta R.T. -0.02 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 75.5  | 36.4  | 76.4  |
| 108     | 98.3  | 59.6  | 99.6  |

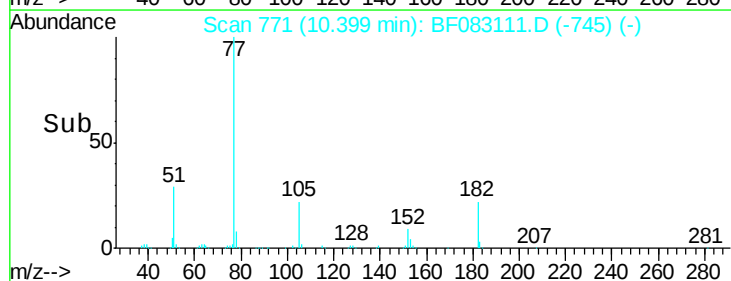
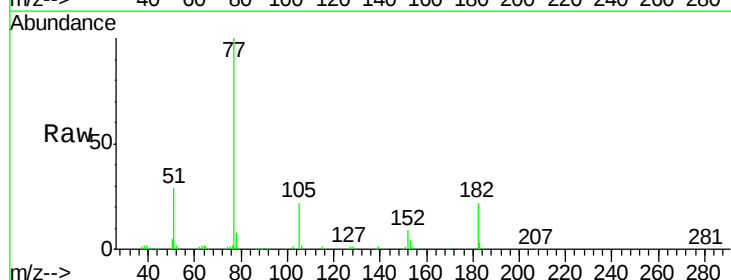
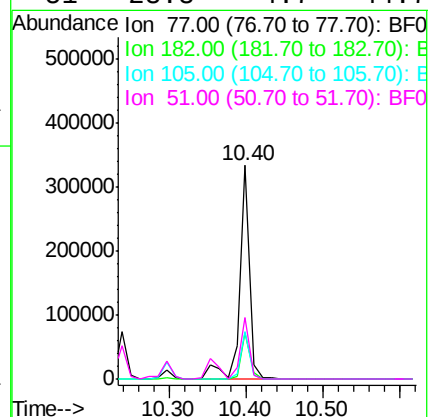
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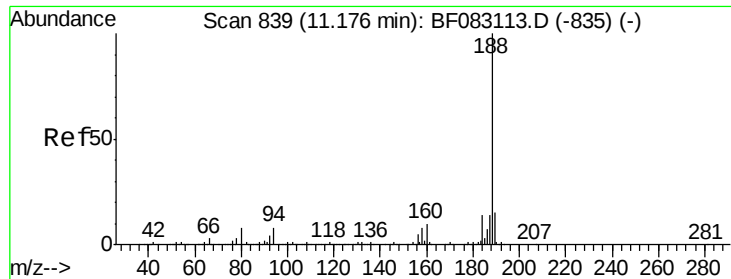
Mmdadoda  
11/23/2015 7:01:18 PM



#62  
Azobenzene  
Concen: 10.98 ng  
RT: 10.40 min Scan# 771  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 21.6  | 10.8  | 50.8  |
| 105     | 22.2  | 3.4   | 43.4  |
| 51      | 28.8  | 4.7   | 44.7  |





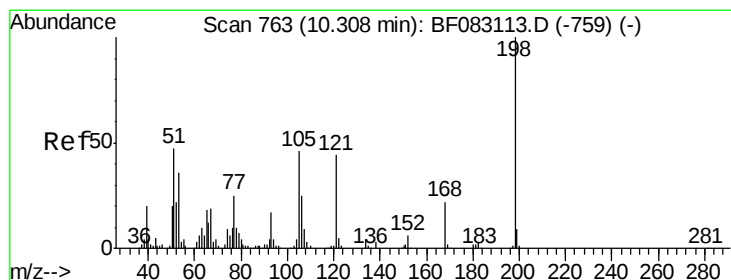
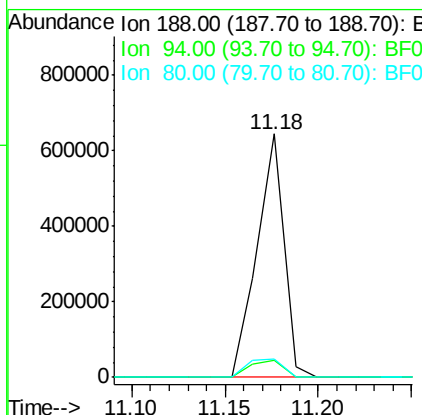
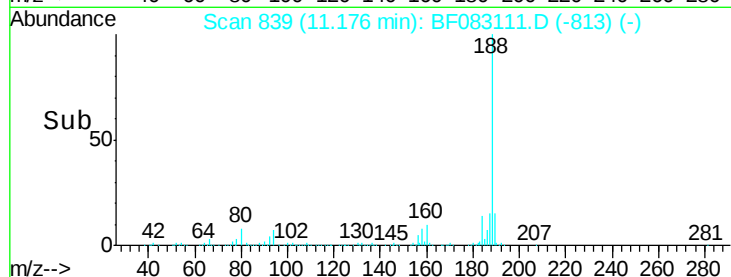
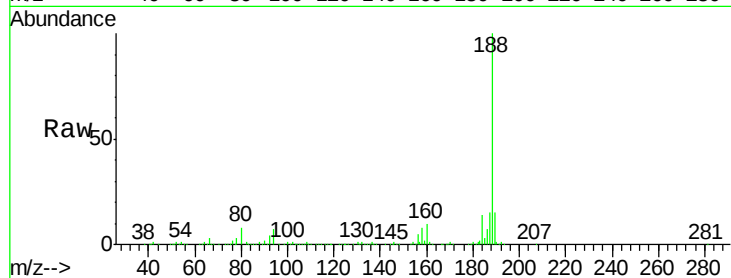
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.18 min Scan# 839  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 644143 |       |       |
| 94      | 7.2   |        | 9.0   | 13.4# |
| 80      | 7.7   |        | 10.2  | 15.4# |

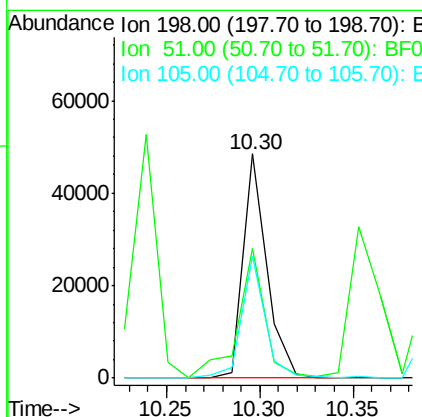
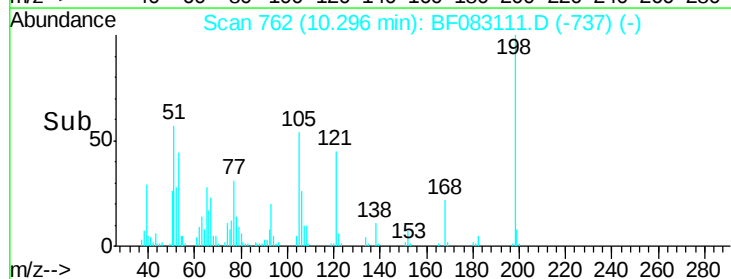
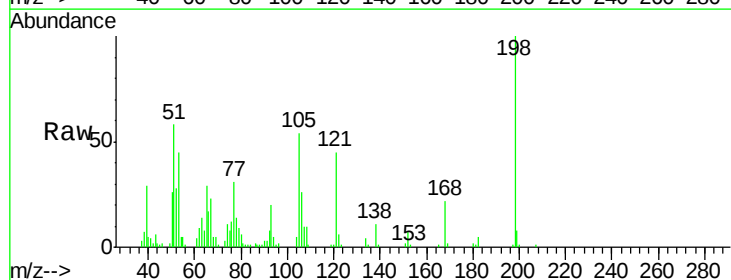
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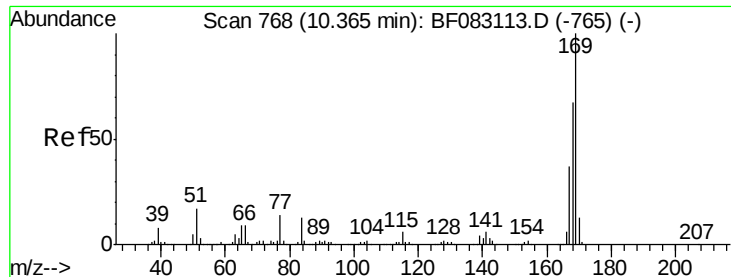
Mmdadoda  
11/23/2015 7:01:18 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 9.27 ng  
RT: 10.30 min Scan# 762  
Delta R.T. -0.01 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 42739 |       |       |
| 51      | 57.8  |       | 11.1  | 51.1# |
| 105     | 54.3  |       | 16.5  | 56.5  |





#65

n-Nitrosodiphenylamine

Concen: 10.17 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

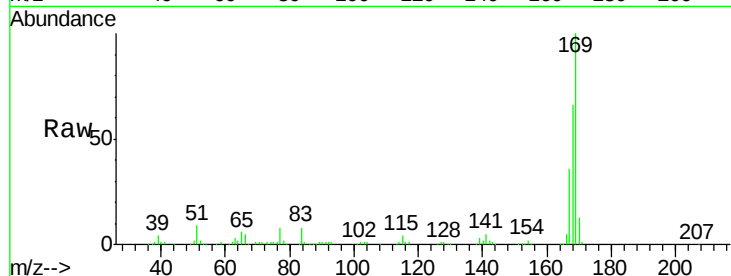
ClientSampleId :

SSTDICC010

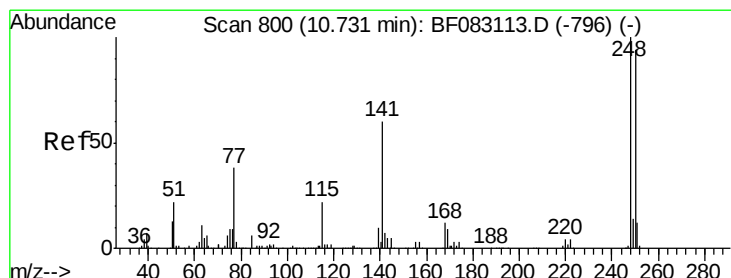
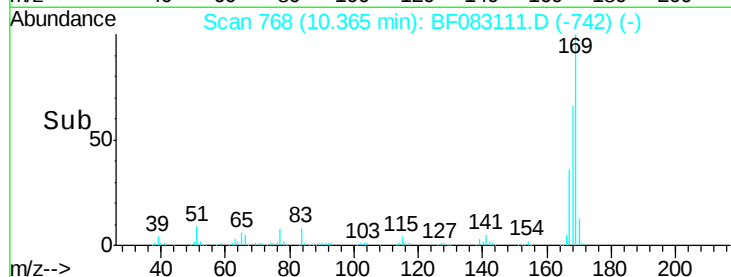
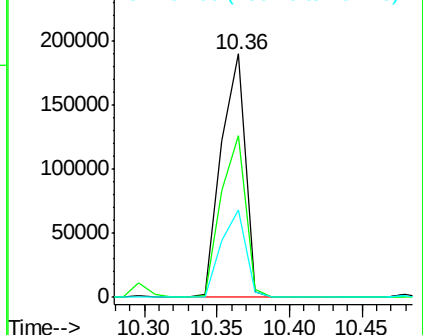
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 219124 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 66.3  | 54.2  | 81.2   |
| 167       | 36.0  | 29.5  | 44.3   |

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11/23/2015 7:01:18 PM



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: 9.72 ng

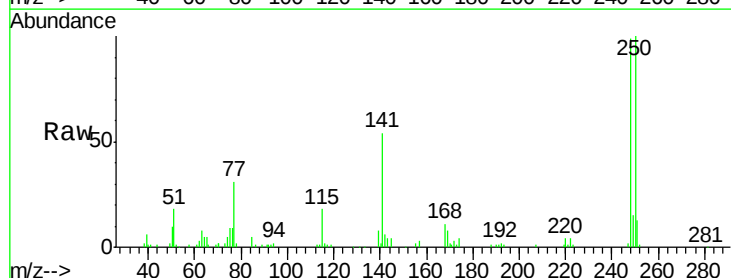
RT: 10.73 min Scan# 800

Delta R.T. -0.00 min

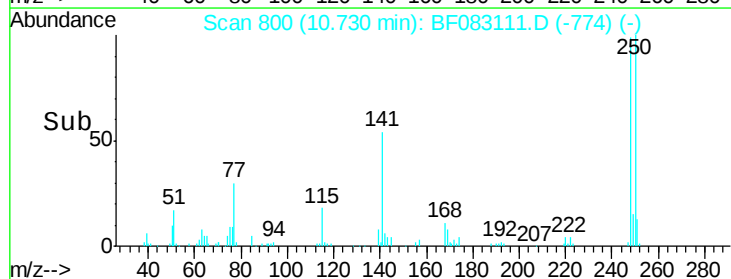
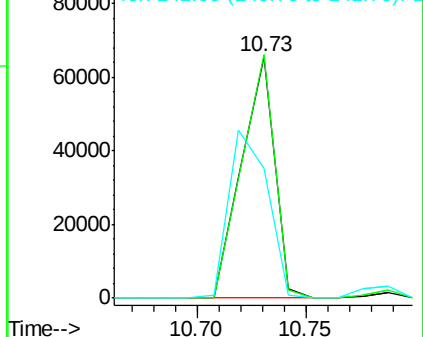
Lab File: BF083111.D

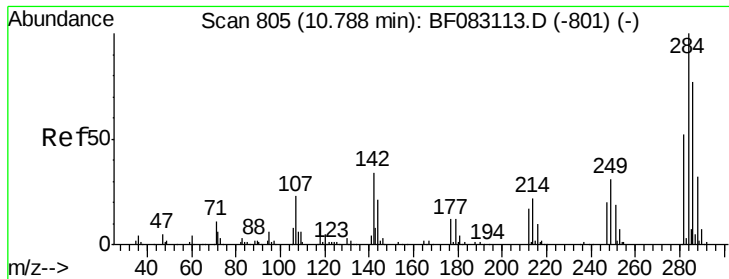
Acq: 21 Nov 2015 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 69062  |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 100.8 | 76.1  | 114.1  |
| 141       | 53.9  | 79.2  | 118.8# |



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





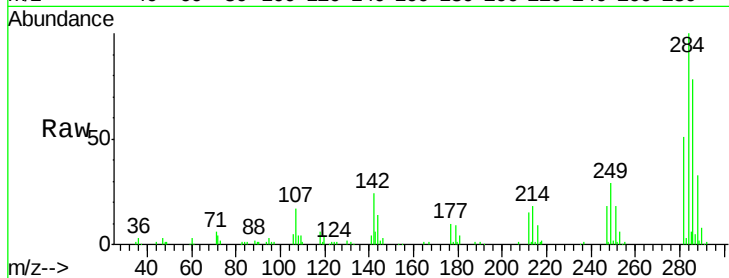
#67  
Hexachlorobenzene  
Concen: 10.71 ng  
RT: 10.79 min Scan# 805  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

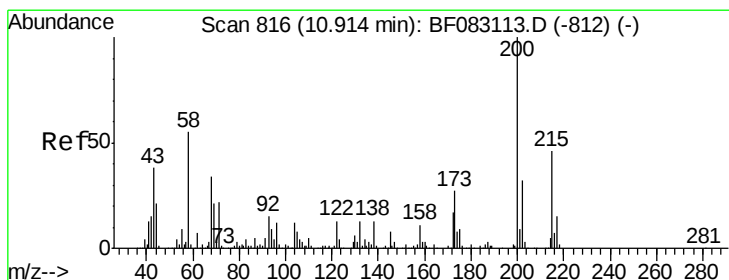
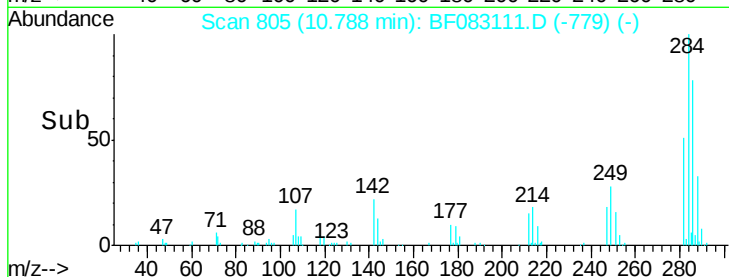
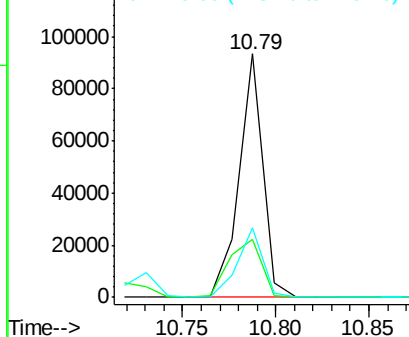
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 23.9  | 29.5  | 44.3# |
| 249     | 28.8  | 27.2  | 40.8  |

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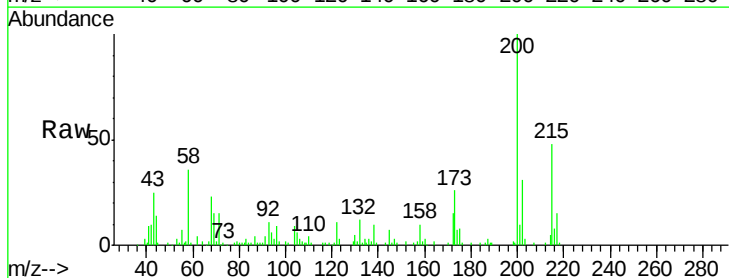


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

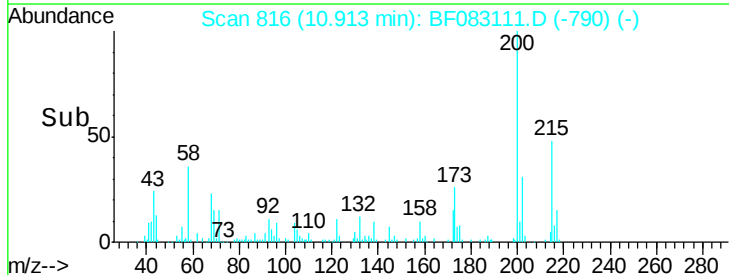
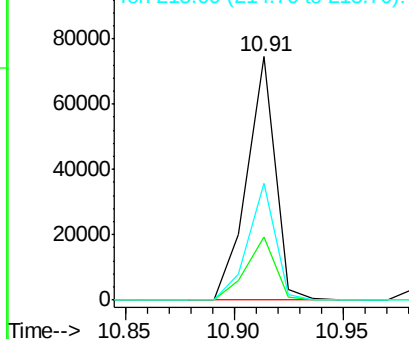


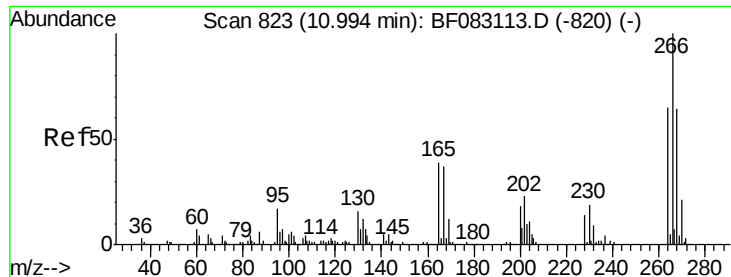
#68  
Atrazine  
Concen: 10.74 ng  
RT: 10.91 min Scan# 816  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.7  | 4.9   | 44.9  |
| 215     | 47.9  | 25.5  | 65.5  |



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





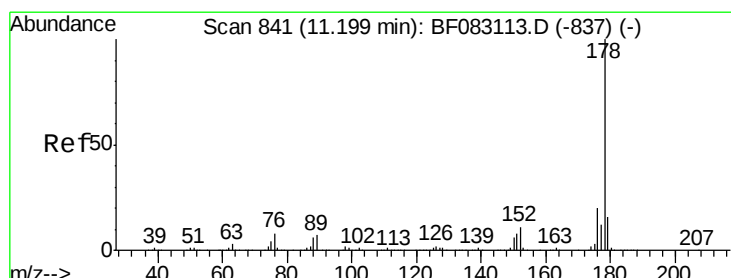
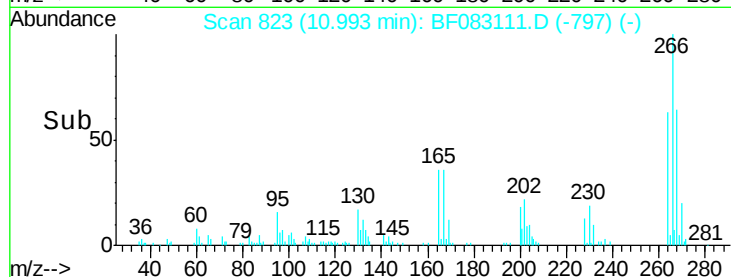
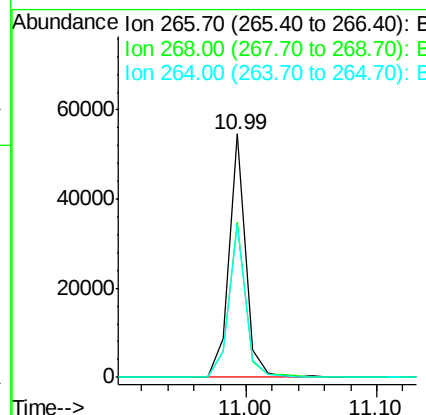
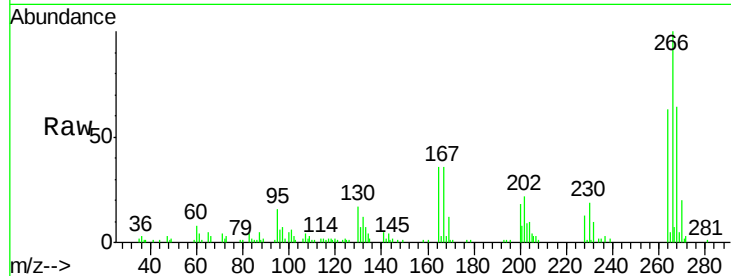
#69  
 Pentachlorophenol  
 Concen: 9.33 ng  
 RT: 10.99 min Scan# 823  
 Delta R.T. -0.00 min  
 Lab File: BF083111.D  
 Acq: 21 Nov 2015 13:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.7  | 49.6  | 74.4  |
| 264     | 62.7  | 52.7  | 79.1  |

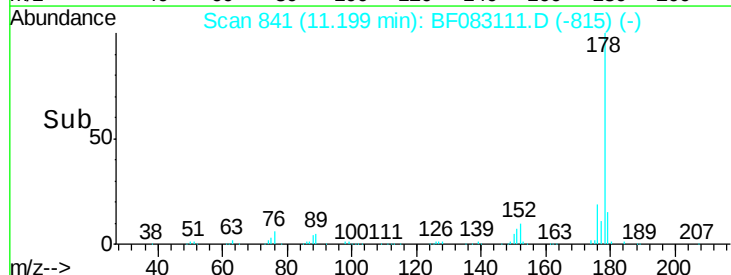
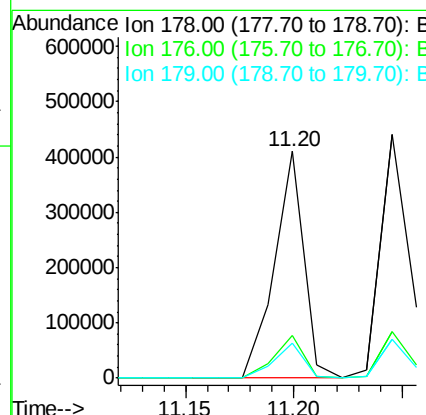
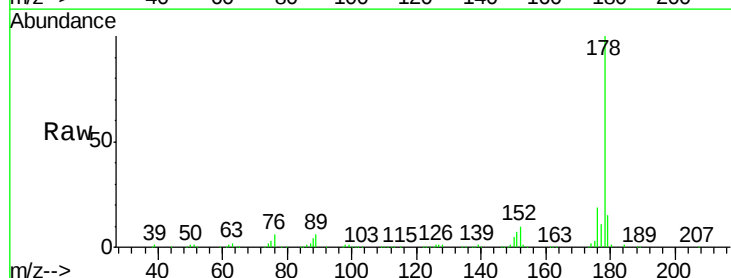
Manual Integrations  
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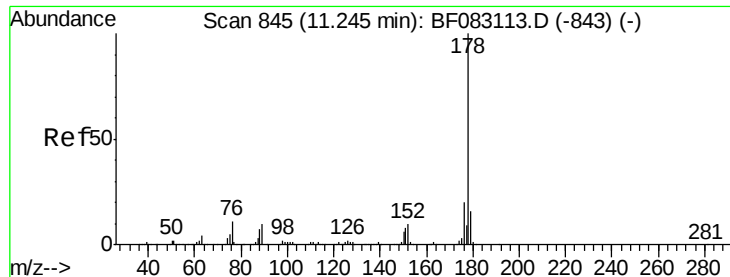
Mmdadoda  
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#70  
 Phenanthrene  
 Concen: 10.88 ng  
 RT: 11.20 min Scan# 841  
 Delta R.T. -0.00 min  
 Lab File: BF083111.D  
 Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.0  | 15.6  | 23.4  |
| 179     | 15.3  | 12.3  | 18.5  |





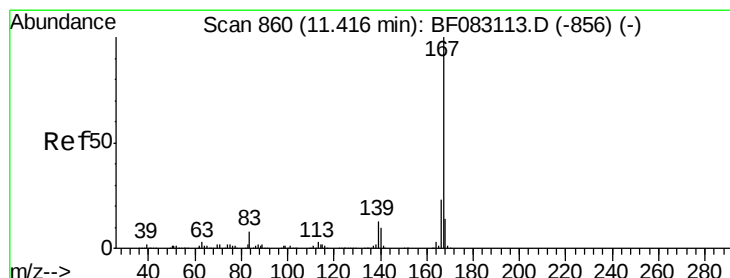
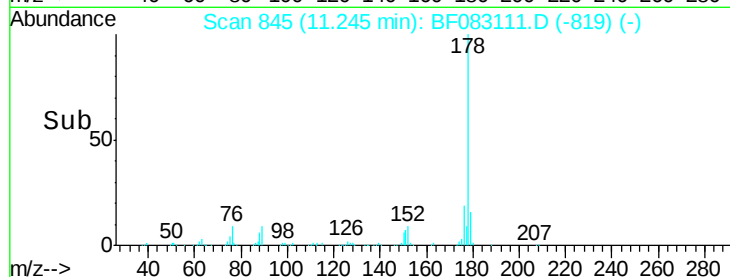
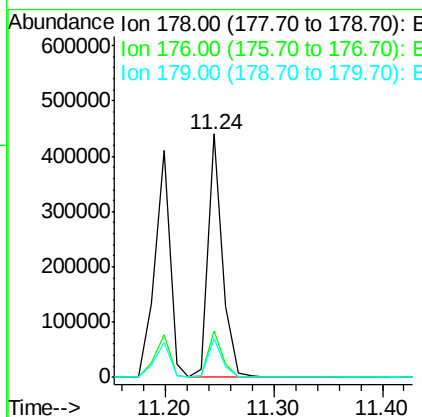
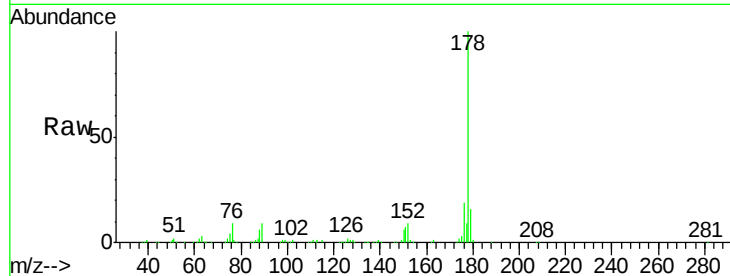
#71  
 Anthracene  
 Concen: 10.99 ng  
 RT: 11.24 min Scan# 845  
 Delta R.T. -0.00 min  
 Lab File: BF083111.D  
 Acq: 21 Nov 2015 13:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 178     | 100  |       | 407606 |       |       |
| 176     | 18.9 | 15.8  | 23.6   |       |       |
| 179     | 16.0 | 13.1  | 19.7   |       |       |

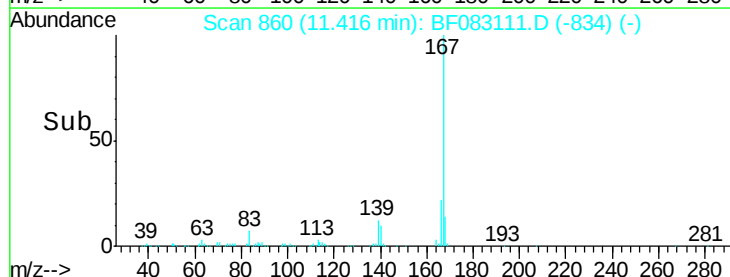
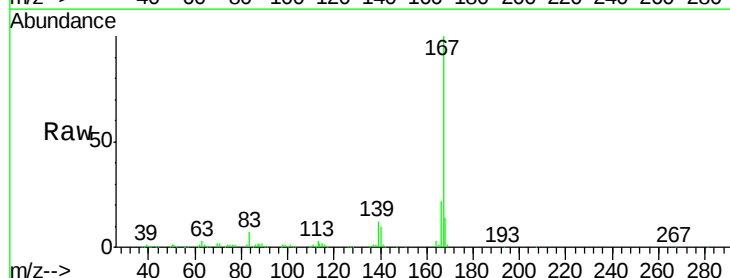
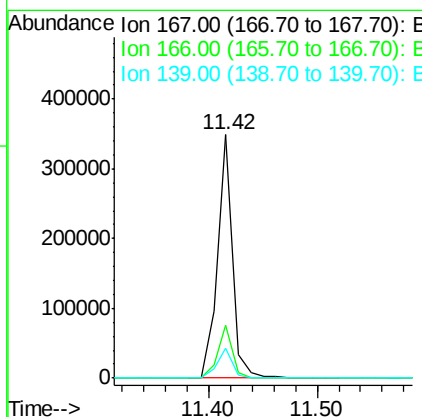
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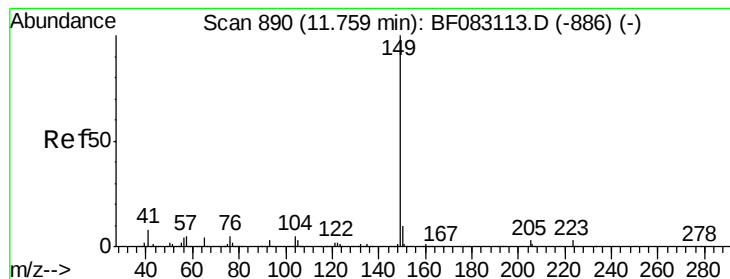
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#72  
 Carbazole  
 Concen: 10.29 ng  
 RT: 11.42 min Scan# 860  
 Delta R.T. -0.00 min  
 Lab File: BF083111.D  
 Acq: 21 Nov 2015 13:59

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 167     | 100  |       | 338927 |       |       |
| 166     | 21.7 | 17.8  | 26.6   |       |       |
| 139     | 12.1 | 11.0  | 16.4   |       |       |





#73

Di-n-butylphthalate

Concen: 10.52 ng

RT: 11.76 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

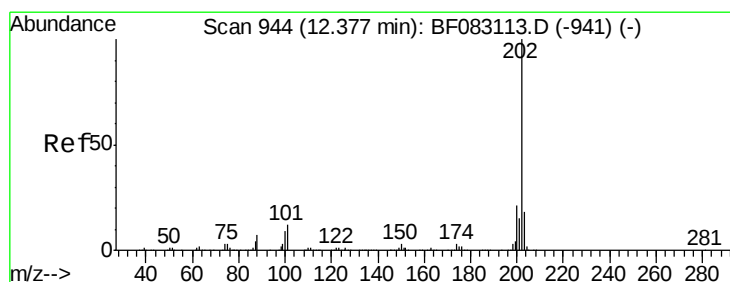
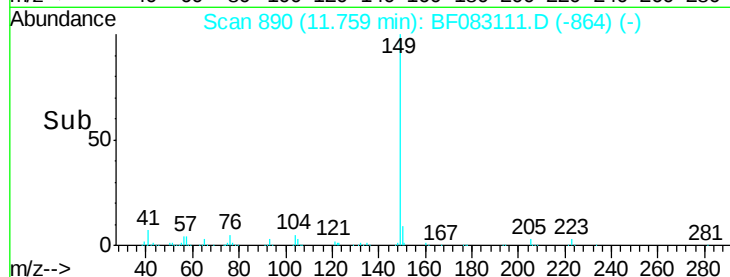
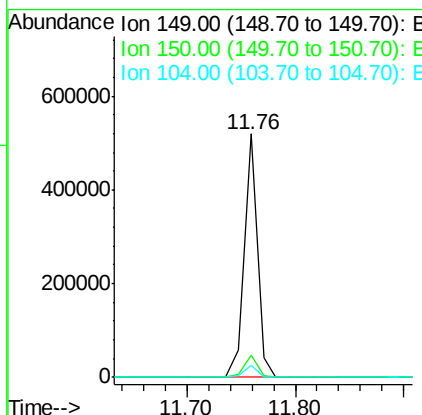
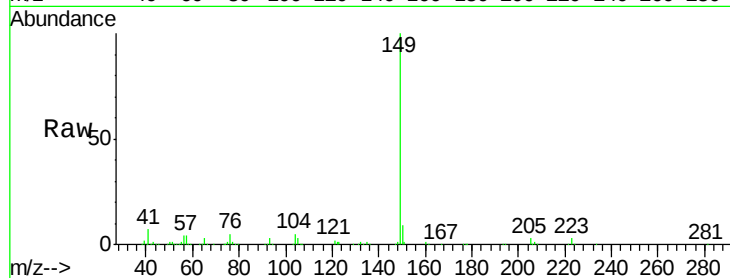
ClientSampleId :

SSTDIC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 426557 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.1   | 7.8   | 11.8   |
| 104       | 4.9   | 4.3   | 6.5    |

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#74

Fluoranthene

Concen: 11.10 ng

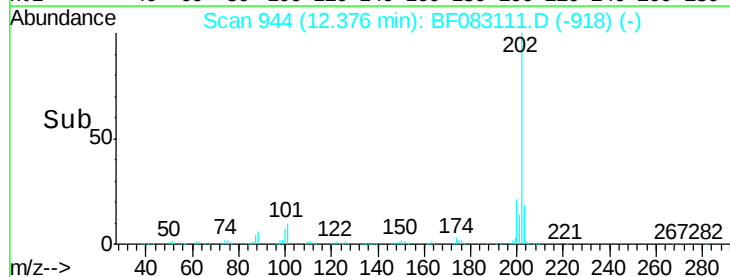
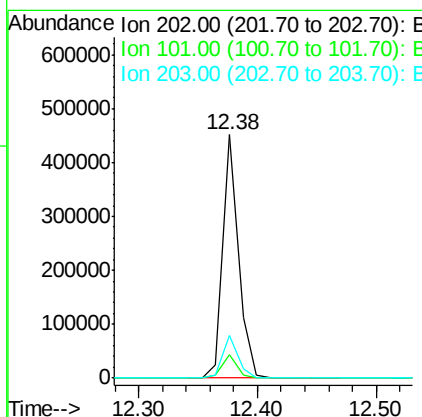
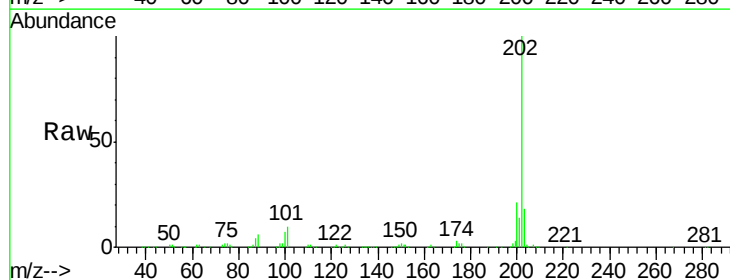
RT: 12.38 min Scan# 944

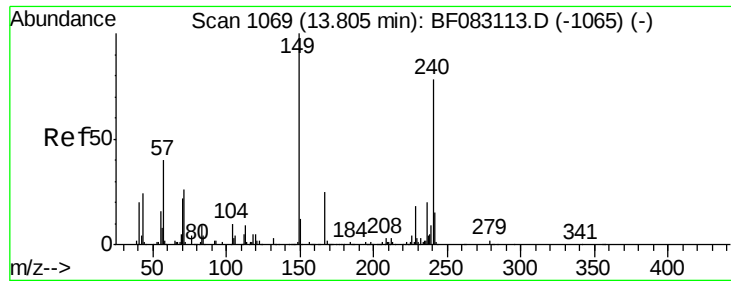
Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 410251 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 9.7   | 0.0   | 31.1   |
| 203       | 17.7  | 0.0   | 38.4   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1069

Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

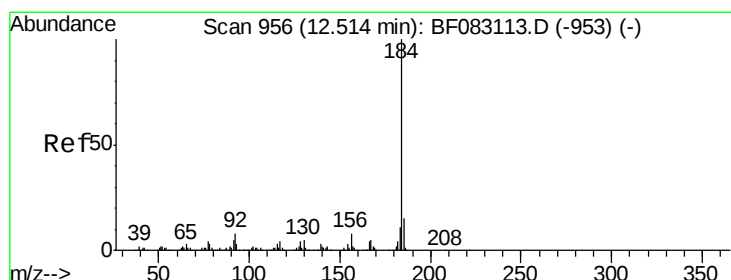
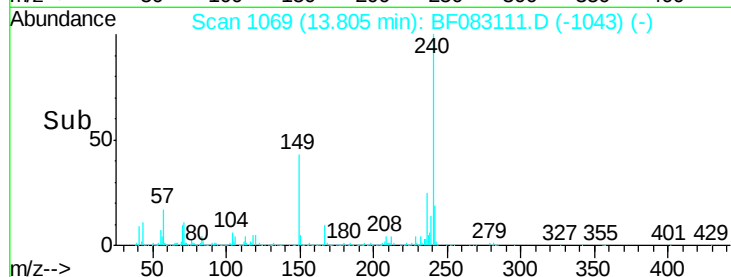
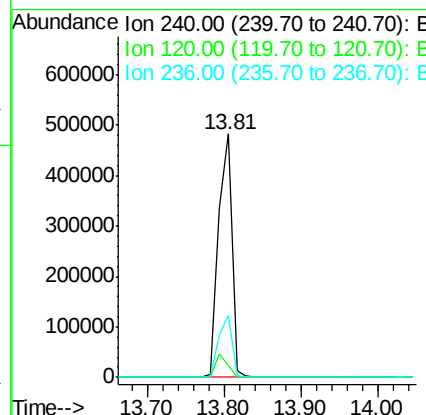
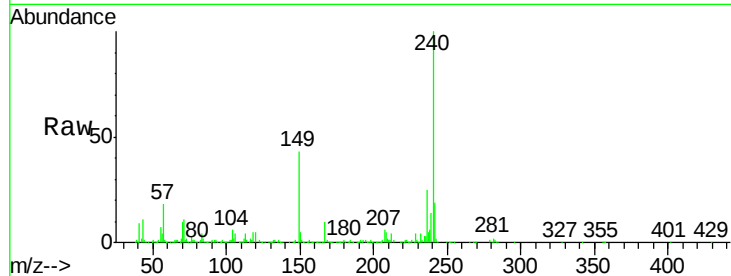
ClientSampleId :

SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 5.1   | 5.3   | 7.9#  |
| 236     | 25.5  | 20.4  | 30.6  |

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#76

Benzidine

Concen: 8.82 ng

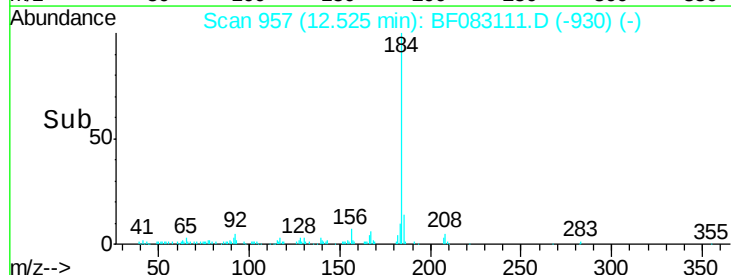
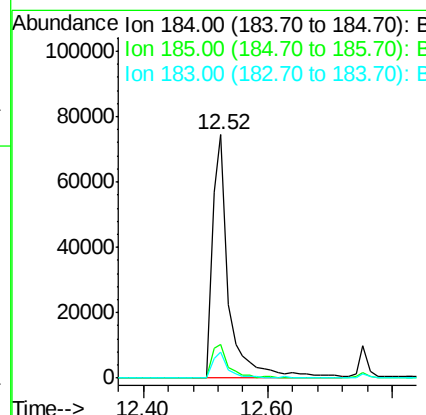
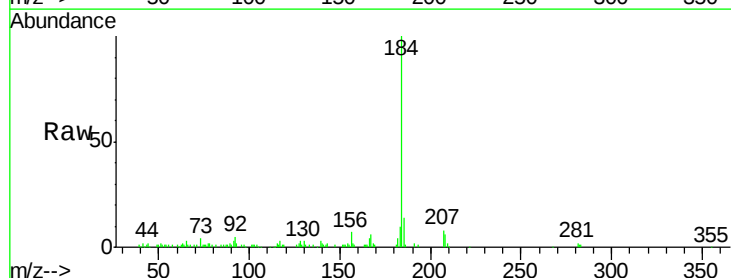
RT: 12.52 min Scan# 957

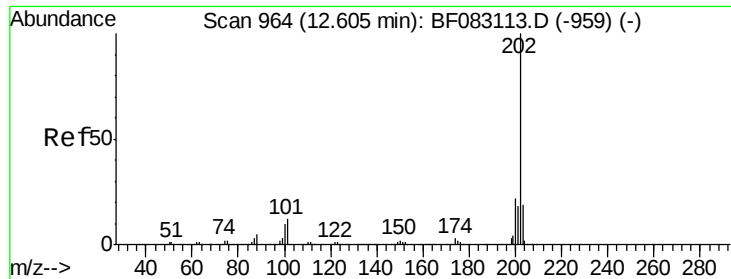
Delta R.T. 0.01 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.0  | 12.6  | 19.0  |
| 183     | 10.5  | 9.0   | 13.4  |





#77

Pvrene

Concen: 10.50 ng

RT: 12.60 min Scan# 964

Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

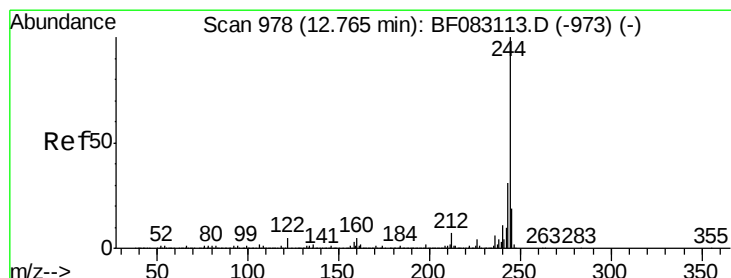
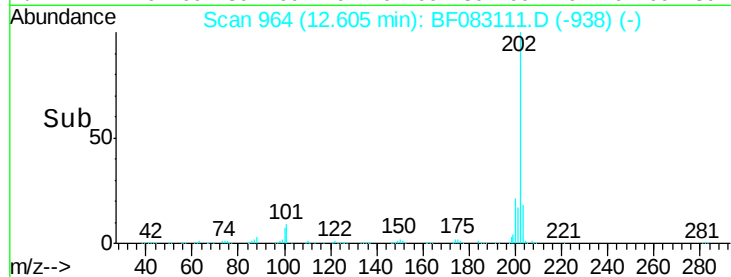
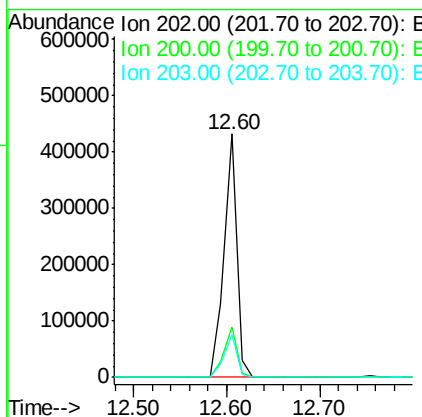
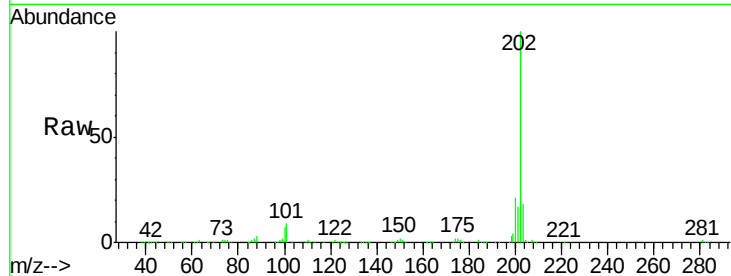
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 202   | Resp: | 411437 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.7  | 17.6  | 26.4   |
| 203       | 17.6  | 14.6  | 22.0   |

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#78

Terphenyl-d14

Concen: 20.86 ng

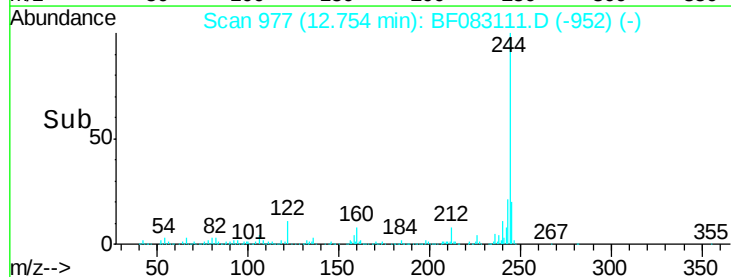
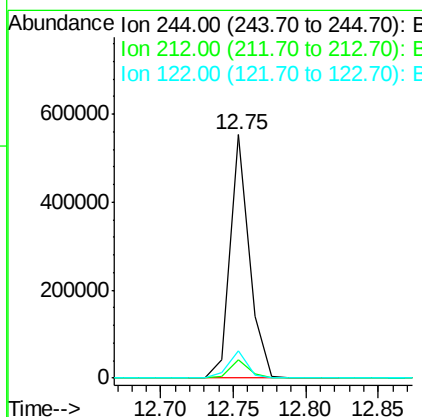
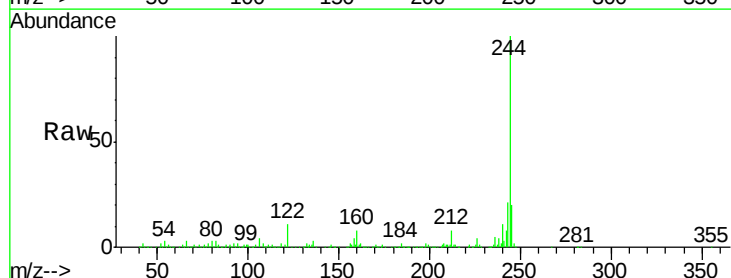
RT: 12.75 min Scan# 977

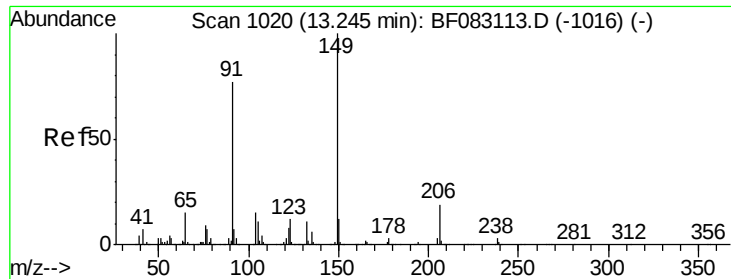
Delta R.T. -0.01 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 506836 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.6   | 6.4   | 9.6    |
| 122       | 11.0  | 10.9  | 16.3   |





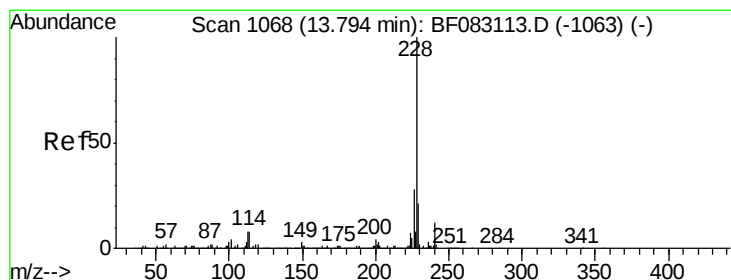
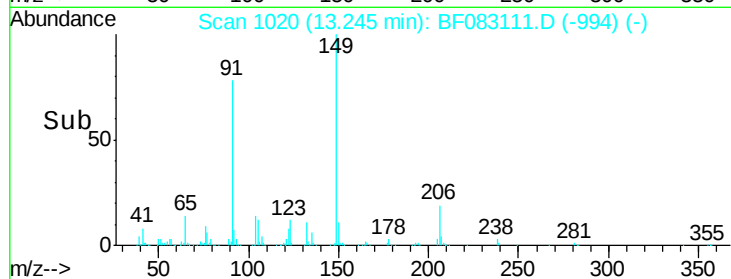
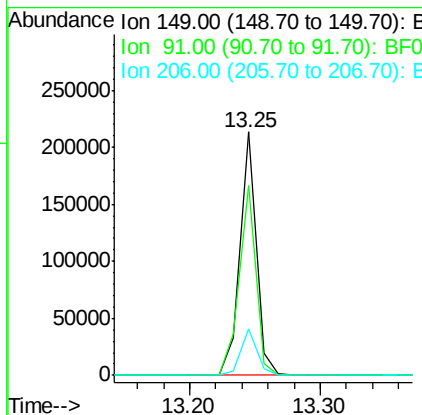
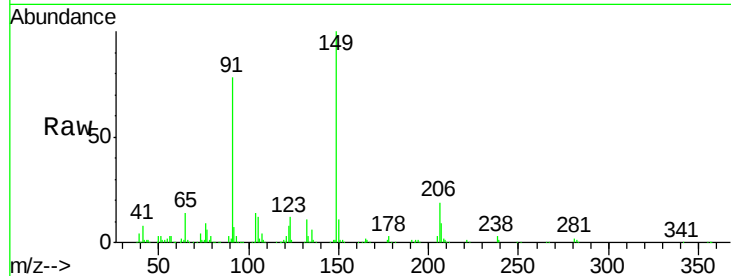
#79  
Butylbenzylphthalate  
Concen: 9.64 ng  
RT: 13.25 min Scan# 1020  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 78.1  | 71.9  | 107.9 |
| 206     | 19.2  | 13.1  | 19.7  |

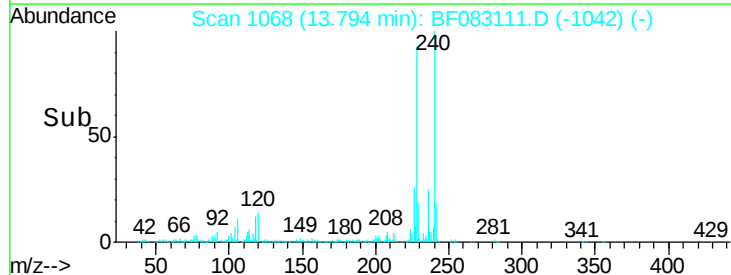
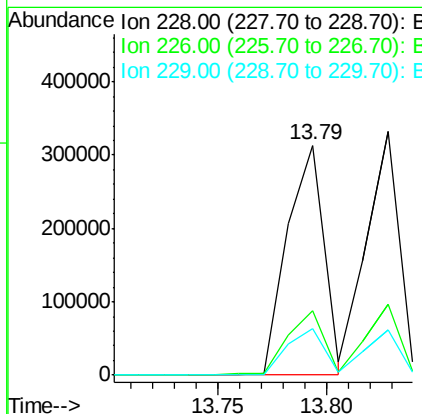
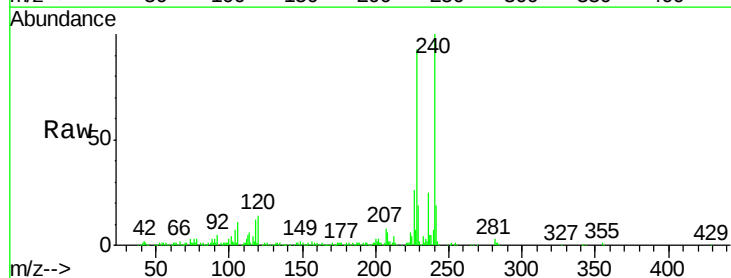
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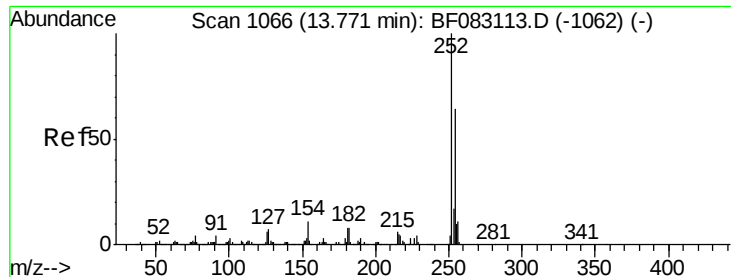
Mmdadoda  
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#80  
Benzo(a)anthracene  
Concen: 10.07 ng  
RT: 13.79 min Scan# 1068  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.8  | 22.6  | 34.0  |
| 229     | 20.1  | 16.1  | 24.1  |





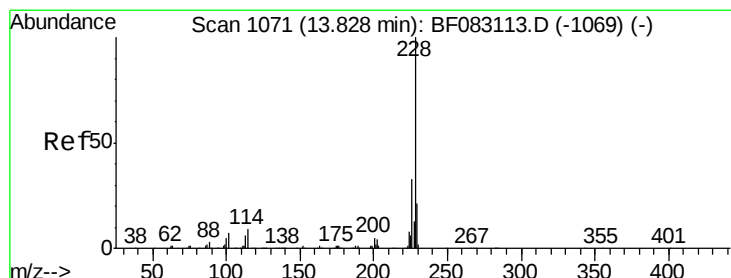
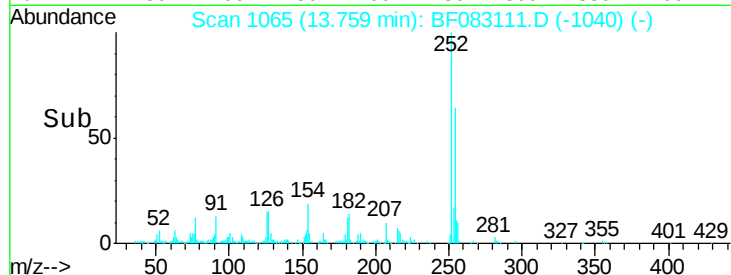
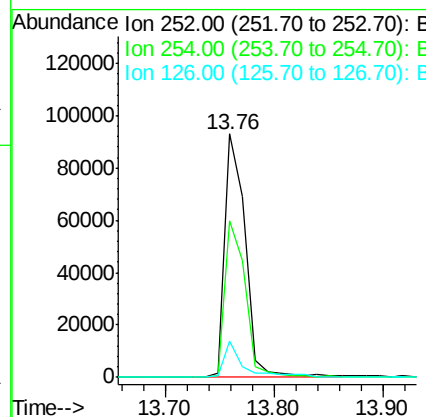
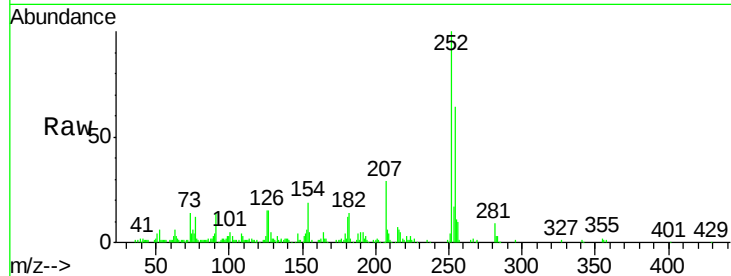
#81  
 3,3'-Dichlorobenzidine  
 Concen: 9.75 ng  
 RT: 13.76 min Scan# 1065  
 Delta R.T. -0.01 min  
 Lab File: BF083111.D  
 Acq: 21 Nov 2015 13:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 122110 |       |       |
| 254     | 64.1  | 50.6   | 76.0  |       |
| 126     | 15.1  | 10.2   | 15.4  |       |

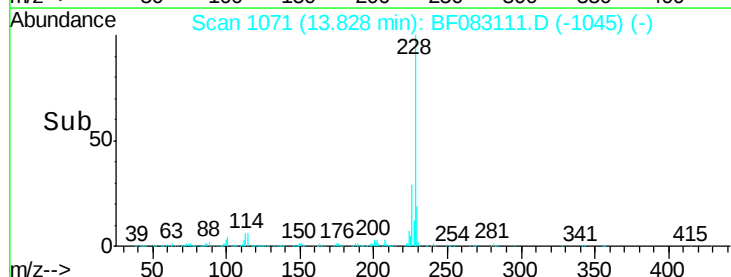
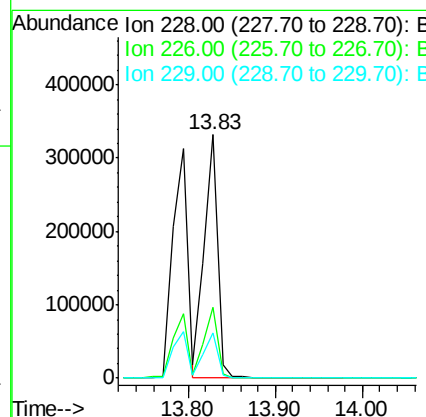
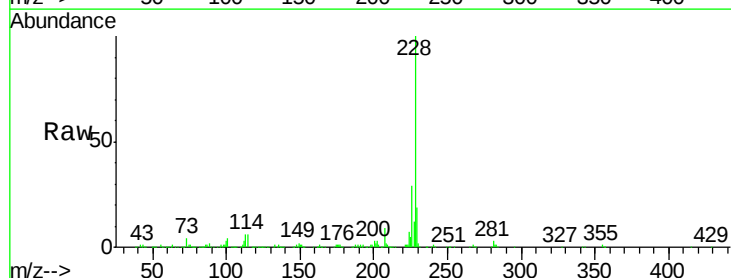
Manual Integrations  
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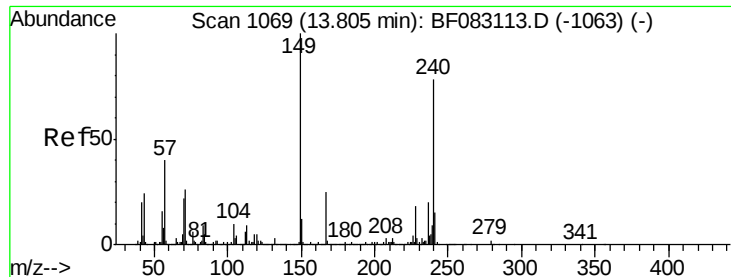
Mmdadoda  
 11/23/2015 7:01:18 PM



#82  
 Chrysene  
 Concen: 11.39 ng  
 RT: 13.83 min Scan# 1071  
 Delta R.T. -0.00 min  
 Lab File: BF083111.D  
 Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 352935 |       |       |
| 226     | 29.0  | 25.3   | 37.9  |       |
| 229     | 18.7  | 16.4   | 24.6  |       |





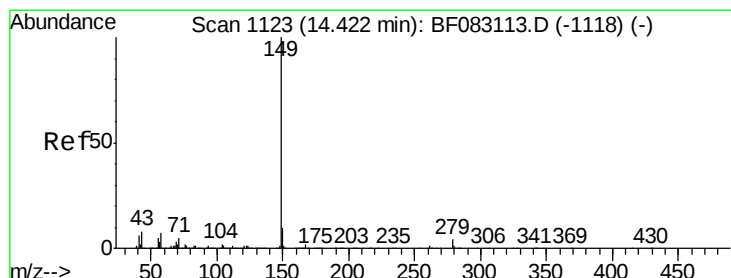
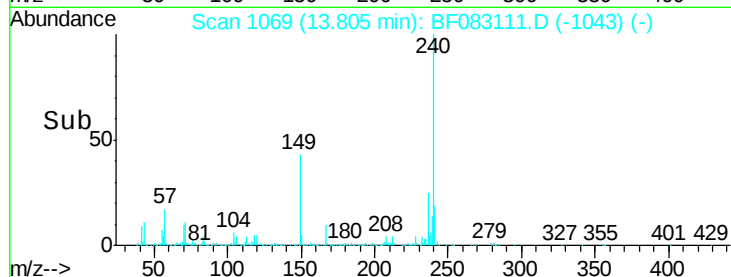
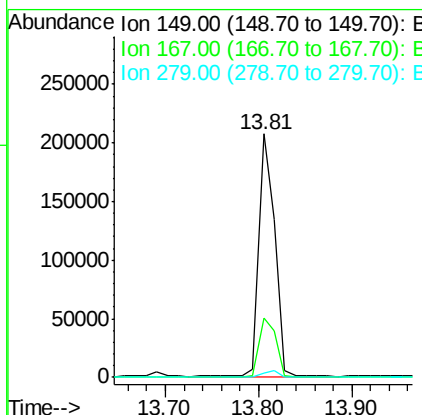
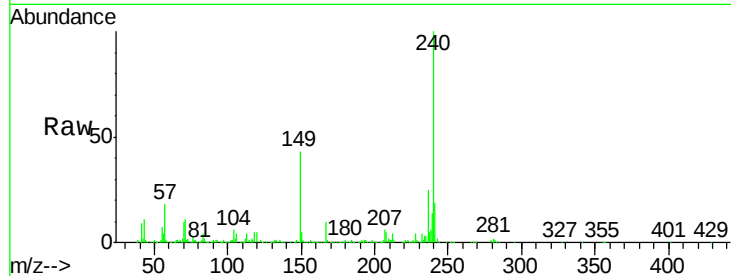
#83  
Bis(2-ethylhexyl)phthalate  
Concen: 9.99 ng  
RT: 13.81 min Scan# 1069  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 24.3  | 20.9  | 31.3  |
| 279     | 1.6   | 2.0   | 3.0   |

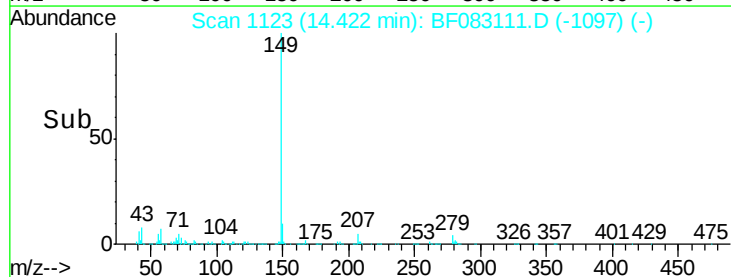
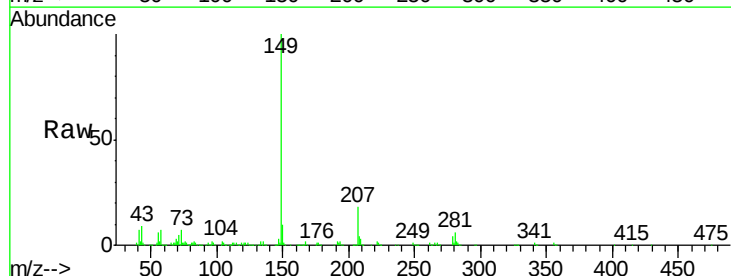
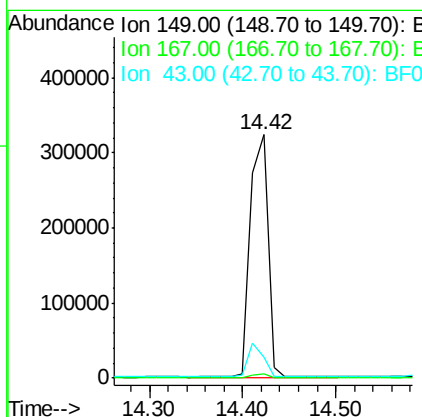
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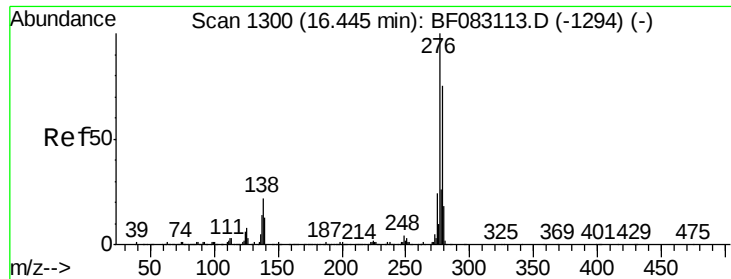
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#84  
Di-n-octyl phthalate  
Concen: 10.17 ng  
RT: 14.42 min Scan# 1123  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 12.7  | 8.8   | 13.2  |





#85

Indeno(1,2,3-cd)pyrene

Concen: 10.79 ng

RT: 16.43 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

Instrument :

BNA\_F

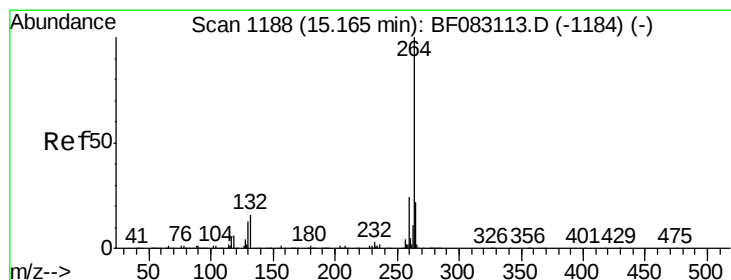
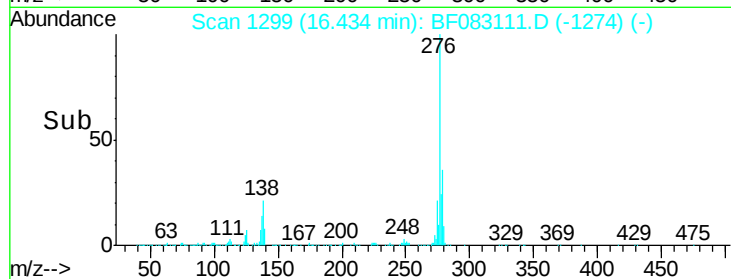
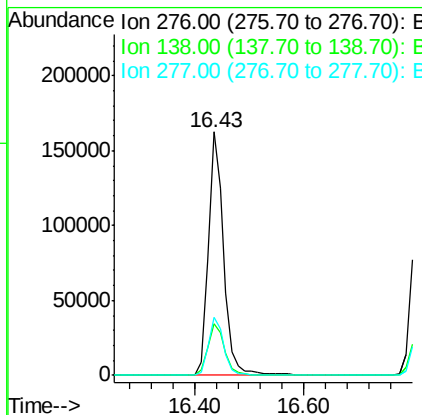
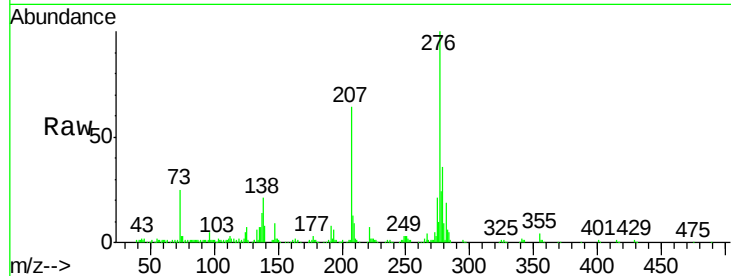
ClientSampleId :

SSTDICC010

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 318663 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 23.2  | 16.3  | 24.5   |
| 277       | 23.8  | 19.8  | 29.8   |

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#86

Perylene-d12

Concen: 20.00 ng

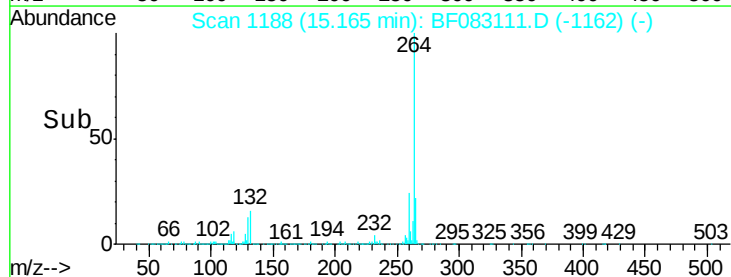
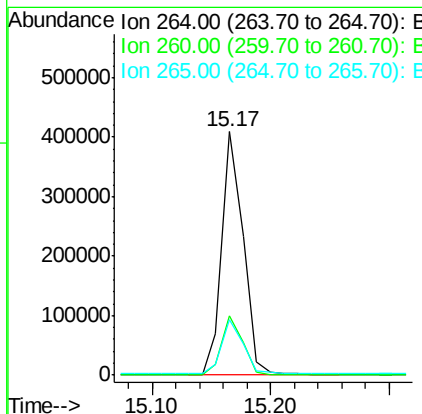
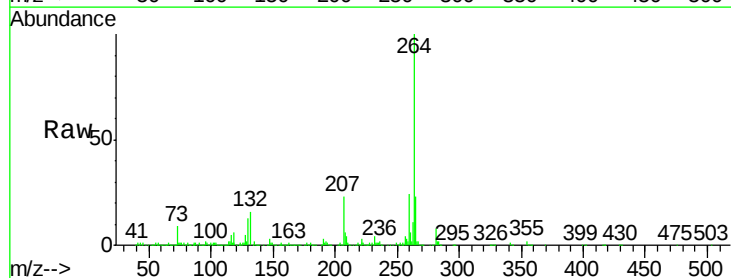
RT: 15.17 min Scan# 1188

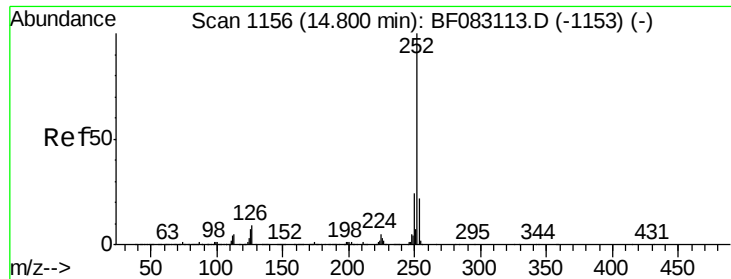
Delta R.T. -0.00 min

Lab File: BF083111.D

Acq: 21 Nov 2015 13:59

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 264   | Resp: | 513364 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 24.3  | 18.6  | 27.8   |
| 265       | 22.8  | 17.0  | 25.6   |





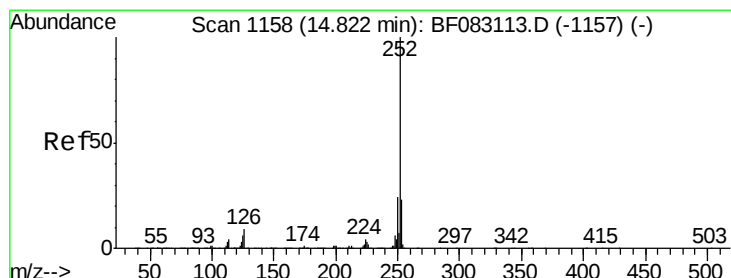
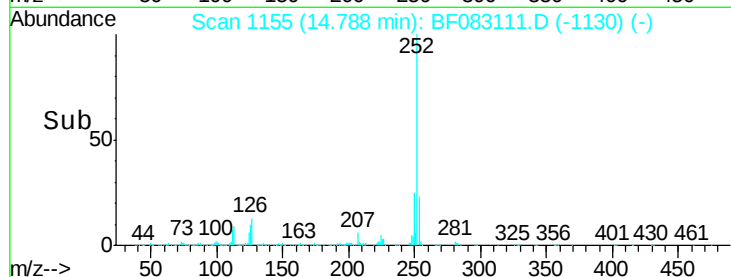
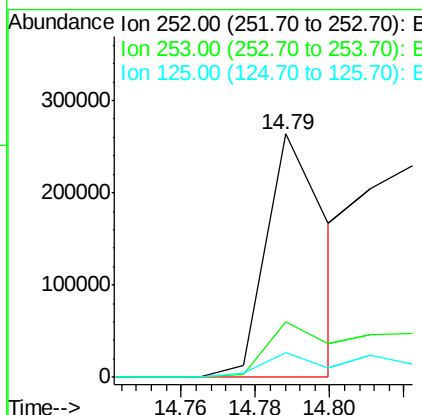
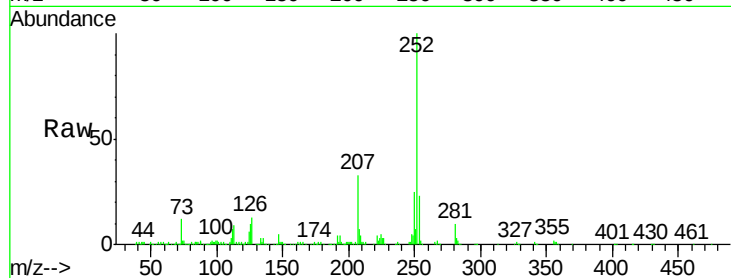
#87  
Benzo(b)fluoranthene  
Concen: 8.94 ng m  
RT: 14.79 min Scan# 1155  
Delta R.T. -0.01 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 17.6  | 26.4  |
| 125     | 10.4  | 7.7   | 11.5  |

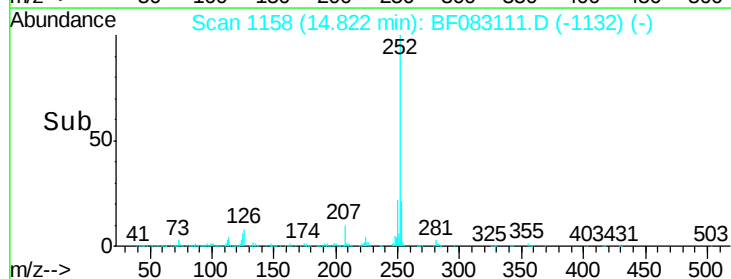
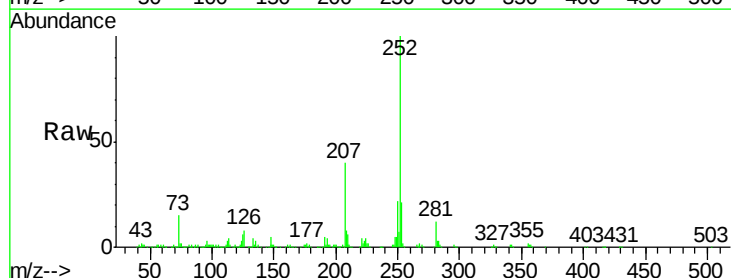
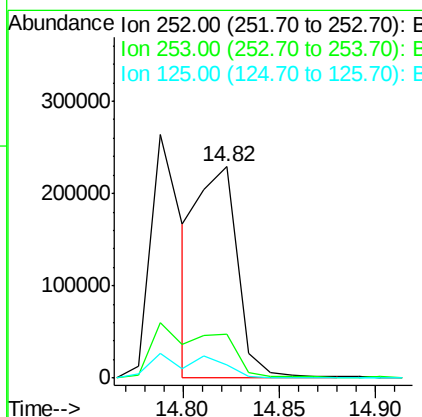
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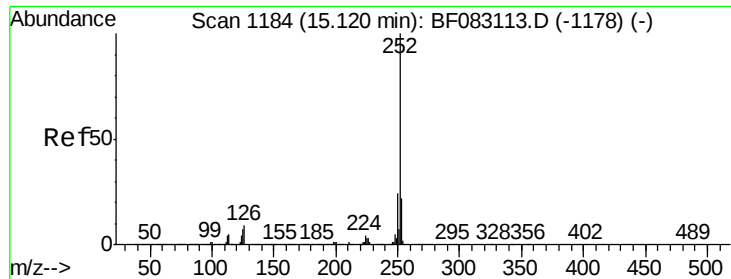
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#88  
Benzo(k)fluoranthene  
Concen: 12.54 ng m  
RT: 14.82 min Scan# 1158  
Delta R.T. -0.00 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.9  | 17.8  | 26.6  |
| 125     | 6.2   | 3.8   | 5.6#  |





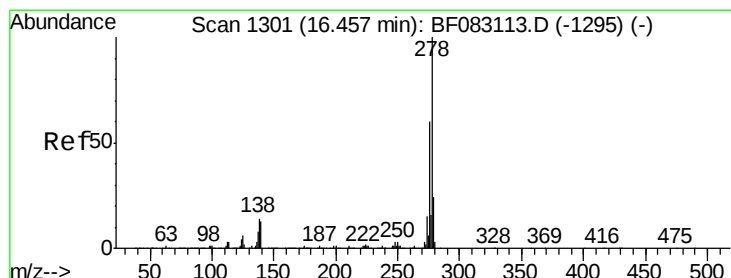
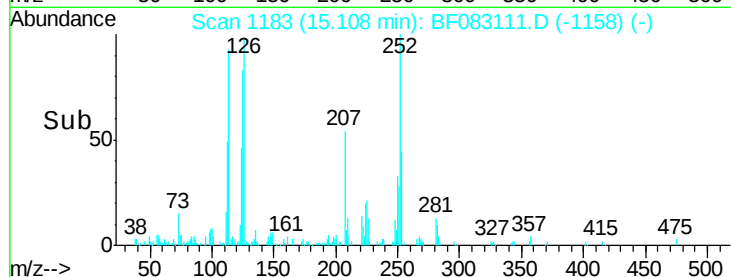
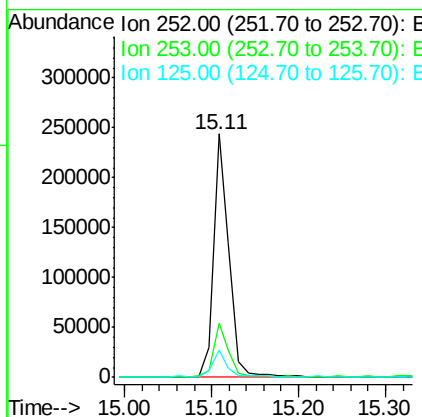
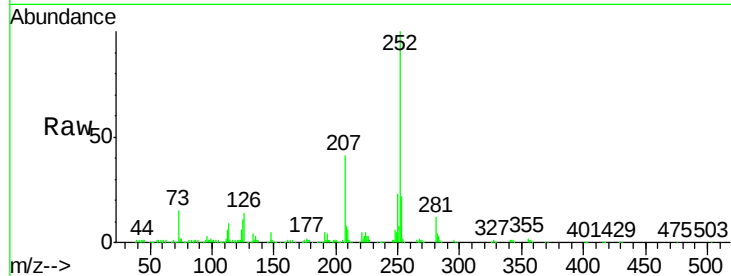
#89  
Benzo(a)pyrene  
Concen: 10.56 ng  
RT: 15.11 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC010

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 22.4  | 17.5       | 26.3  |
| 125     | 11.0  | 6.4        | 9.6   |

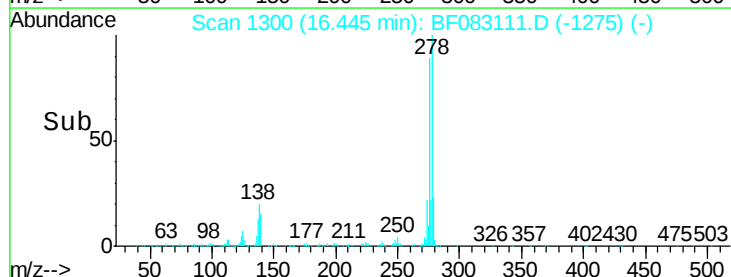
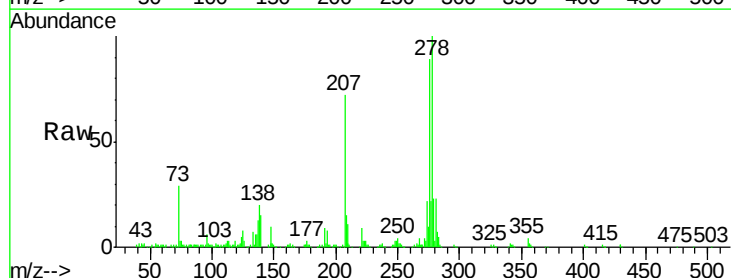
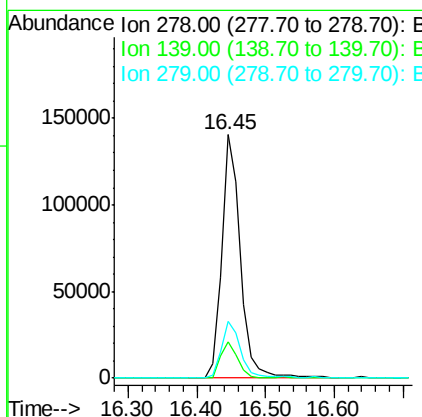
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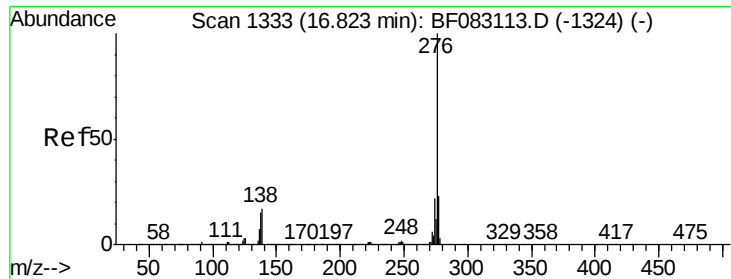
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#90  
Dibenzo(a,h)anthracene  
Concen: 10.49 ng  
RT: 16.45 min Scan# 1300  
Delta R.T. -0.01 min  
Lab File: BF083111.D  
Acq: 21 Nov 2015 13:59

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 278     | 100   |            |       |
| 139     | 14.9  | 9.8        | 14.8  |
| 279     | 23.3  | 19.6       | 29.4  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 10.11 ng  
 RT: 16.81 min Scan# 1332  
 Delta R.T. -0.01 min  
 Lab File: BF083111.D  
 Acq: 21 Nov 2015 13:59

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC010

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.4  | 18.6  | 27.8  |
| 138     | 19.8  | 12.5  | 18.7  |

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