

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF112415\  
 Data File : BF083252.D  
 Acq On : 24 Nov 2015 22:39  
 Operator : UM/IZ  
 Sample : PB86782BS  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86782BS

Manual Integrations  
 APPROVED

Mmdadoda  
 11/25/2015 12:54:38 PM

Quant Time: Nov 25 02:15:48 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF112115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Nov 22 09:22:46 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.60  | 152  | 168323   | 20.00 | ng    | -0.06    |
| 21) Naphthalene-d8        | 7.90  | 136  | 643845   | 20.00 | ng    | -0.06    |
| 38) Acenaphthene-d10      | 9.64  | 164  | 333120   | 20.00 | ng    | -0.06    |
| 63) Phenanthrene-d10      | 11.12 | 188  | 638754   | 20.00 | ng    | -0.06    |
| 75) Chrysene-d12          | 13.75 | 240  | 540505   | 20.00 | ng    | -0.06    |
| 86) Perylene-d12          | 15.11 | 264  | 431826   | 20.00 | ng    | -0.06    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.21  | 112 | 783296  | 70.35 | ng | -0.07 |
| 7) Phenol-d6             | 6.27  | 99  | 994695  | 69.05 | ng | -0.07 |
| 23) Nitrobenzene-d5      | 7.18  | 82  | 961555  | 68.24 | ng | -0.06 |
| 41) 2,4,6-Tribromophenol | 10.43 | 330 | 224602  | 65.90 | ng | -0.06 |
| 44) 2-Fluorobiphenyl     | 8.98  | 172 | 1554167 | 65.06 | ng | -0.05 |
| 78) Terphenyl-d14        | 12.71 | 244 | 1490953 | 64.96 | ng | -0.06 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.12 | 88  | 149774  | 27.16 | ng | # 89   |
| 3) Pyridine                    | 2.76 | 79  | 415549m | 28.53 | ng |        |
| 4) n-Nitrosodimethylamine      | 2.71 | 42  | 244992  | 36.47 | ng | 95     |
| 6) Aniline                     | 6.27 | 93  | 336741  | 19.13 | ng | # 86   |
| 8) 2-Chlorophenol              | 6.40 | 128 | 415664  | 34.56 | ng | 96     |
| 9) Benzaldehyde                | 6.15 | 77  | 219816  | 27.85 | ng | 95     |
| 10) Phenol                     | 6.28 | 94  | 549084  | 31.51 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.35 | 93  | 451631  | 36.29 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 6.55 | 146 | 435551m | 31.71 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.63 | 146 | 446948  | 32.17 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 6.78 | 146 | 404800  | 32.06 | ng | 95     |
| 15) Benzyl Alcohol             | 6.78 | 79  | 388750  | 32.29 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.90 | 45  | 759584  | 39.15 | ng | 86     |
| 17) 2-Methylphenol             | 6.90 | 107 | 352688  | 35.43 | ng | 95     |
| 18) Hexachloroethane           | 7.12 | 117 | 153623  | 31.39 | ng | # 83   |
| 19) n-Nitroso-di-n-propylamine | 7.04 | 70  | 357233  | 35.63 | ng | 99     |
| 20) 3+4-Methylphenols          | 7.06 | 107 | 463920  | 36.87 | ng | 97     |
| 22) Acetophenone               | 7.03 | 105 | 573303  | 31.02 | ng | # 97   |
| 24) Nitrobenzene               | 7.20 | 77  | 501503  | 33.31 | ng | 98     |
| 25) Isophorone                 | 7.44 | 82  | 861598  | 32.30 | ng | 97     |
| 26) 2-Nitrophenol              | 7.52 | 139 | 211638  | 31.84 | ng | 90     |
| 27) 2,4-Dimethylphenol         | 7.58 | 122 | 350408  | 33.03 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.67 | 93  | 554263  | 35.73 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 7.77 | 162 | 347098  | 34.40 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 7.84 | 180 | 343251  | 30.97 | ng | 96     |
| 31) Naphthalene                | 7.92 | 128 | 1120155 | 32.24 | ng | 99     |
| 32) Benzoic acid               | 7.72 | 122 | 248123  | 30.09 | ng | 99     |
| 33) 4-Chloroaniline            | 7.99 | 127 | 144984  | 10.75 | ng | # 89   |
| 34) Hexachlorobutadiene        | 8.04 | 225 | 192620  | 29.41 | ng | 95     |
| 35) Caprolactam                | 8.35 | 113 | 118998m | 36.80 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.49 | 107 | 399967  | 34.23 | ng | 97     |
| 37) 2-Methylnaphthalene        | 8.62 | 142 | 785904  | 34.85 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.78 | 216 | 323915  | 30.00 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.78 | 237 | 368749  | 60.06 | ng | 98     |

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 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86782BS

Manual Integrations  
 APPROVED

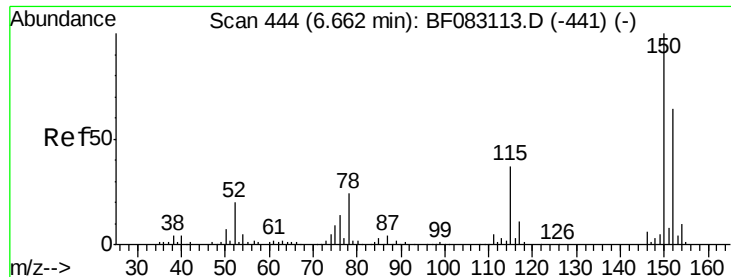
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 11/25/2015 12:54:38 PM

Quant Time: Nov 25 02:15:48 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF112115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Nov 22 09:22:46 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.90  | 196  | 245349   | 31.73 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 8.95  | 196  | 278336   | 35.20 | ng #  | 93       |
| 45) 1,1'-Biphenyl              | 9.07  | 154  | 874427   | 30.84 | ng    | 95       |
| 46) 2-Chloronaphthalene        | 9.10  | 162  | 705171   | 31.67 | ng    | 94       |
| 47) 2-Nitroaniline             | 9.21  | 65   | 277016   | 35.16 | ng #  | 68       |
| 48) Acenaphthylene             | 9.51  | 152  | 1119648  | 32.44 | ng    | 100      |
| 49) Dimethylphthalate          | 9.39  | 163  | 909365   | 35.46 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.45  | 165  | 203115   | 35.30 | ng #  | 65       |
| 51) Acenaphthene               | 9.68  | 154  | 660336m  | 31.44 | ng    |          |
| 52) 3-Nitroaniline             | 9.61  | 138  | 93005    | 15.16 | ng #  | 53       |
| 53) 2,4-Dinitrophenol          | 9.72  | 184  | 239657   | 72.29 | ng #  | 82       |
| 54) Dibenzofuran               | 9.85  | 168  | 993730   | 33.46 | ng    | 95       |
| 55) 4-Nitrophenol              | 9.80  | 139  | 263152   | 55.93 | ng    | 88       |
| 56) 2,4-Dinitrotoluene         | 9.85  | 165  | 269756   | 37.00 | ng    | 88       |
| 57) Fluorene                   | 10.19 | 166  | 810031   | 33.00 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.99  | 232  | 211466   | 32.60 | ng    | 96       |
| 59) Diethylphthalate           | 10.09 | 149  | 873681   | 34.22 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.19 | 204  | 392107   | 34.88 | ng    | 89       |
| 61) 4-Nitroaniline             | 10.23 | 138  | 185476   | 30.71 | ng    | 91       |
| 62) Azobenzene                 | 10.35 | 77   | 1090022  | 37.41 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.25 | 198  | 142259   | 32.32 | ng #  | 54       |
| 65) n-Nitrosodiphenylamine     | 10.32 | 169  | 717996   | 33.05 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.67 | 248  | 223823   | 31.58 | ng #  | 77       |
| 67) Hexachlorobenzene          | 10.74 | 284  | 259757   | 33.28 | ng    | 95       |
| 68) Atrazine                   | 10.84 | 200  | 216977   | 34.39 | ng    | 98       |
| 69) Pentachlorophenol          | 10.95 | 266  | 293070   | 57.64 | ng    | 99       |
| 70) Phenanthrene               | 11.15 | 178  | 1252831  | 34.04 | ng    | 98       |
| 71) Anthracene                 | 11.20 | 178  | 1273847  | 33.93 | ng    | 100      |
| 72) Carbazole                  | 11.36 | 167  | 1061228  | 31.80 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.70 | 149  | 1337416  | 32.83 | ng    | 100      |
| 74) Fluoranthene               | 12.33 | 202  | 1327954  | 35.26 | ng    | 98       |
| 76) Benzidine                  | 12.46 | 184  | 417507   | 29.47 | ng    | 99       |
| 77) Pyrene                     | 12.56 | 202  | 1337353  | 36.22 | ng    | 98       |
| 79) Butylbenzylphthalate       | 13.19 | 149  | 560315   | 32.06 | ng    | 86       |
| 80) Benzo(a)anthracene         | 13.74 | 228  | 1143205  | 34.20 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.71 | 252  | 236206   | 20.30 | ng #  | 98       |
| 82) Chrysene                   | 13.78 | 228  | 1047265  | 33.78 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 13.76 | 149  | 779532   | 34.15 | ng #  | 96       |
| 84) Di-n-octyl phthalate       | 14.37 | 149  | 1145475  | 29.15 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.34 | 276  | 854983   | 30.32 | ng    | 96       |
| 87) Benzo(b)fluoranthene       | 14.74 | 252  | 936180m  | 31.73 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.77 | 252  | 788175m  | 35.85 | ng    |          |
| 89) Benzo(a)pyrene             | 15.05 | 252  | 793715   | 32.58 | ng #  | 94       |
| 90) Dibenzo(a,h)anthracene     | 16.37 | 278  | 725387   | 32.78 | ng    | 100      |
| 91) Benzo(g,h,i)perylene       | 16.72 | 276  | 716002   | 33.15 | ng #  | 96       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 404

Delta R.T. -0.06 min

Lab File: BF083252.D

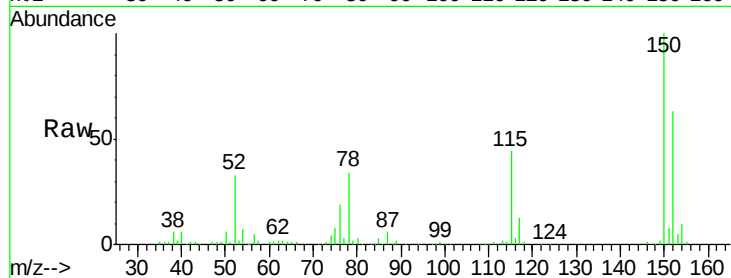
Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

ClientSampleId :

PB86782BS



Tgt Ion: 152 Resp: 168323

Ion Ratio Lower Upper

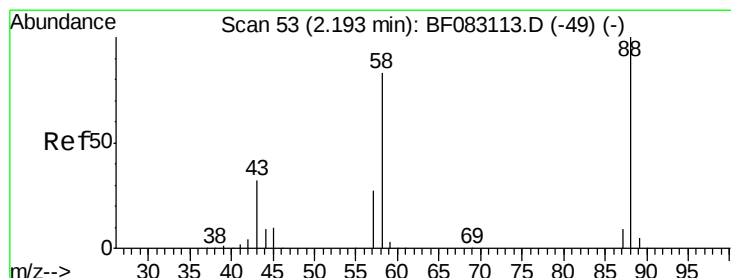
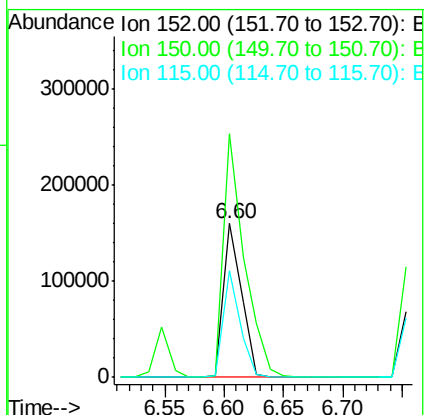
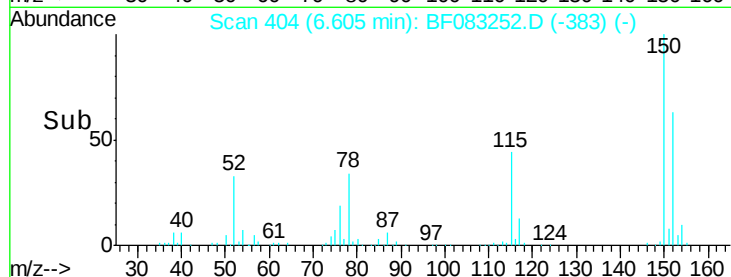
152 100

150 158.1 125.8 188.8

115 69.5 46.9 70.3

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#2

1,4-Dioxane

Concen: 27.16 ng

RT: 2.12 min Scan# 12

Delta R.T. -0.07 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

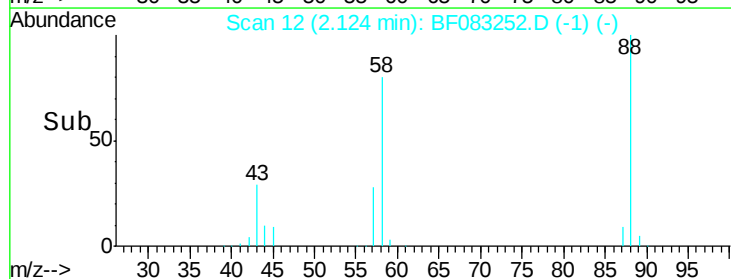
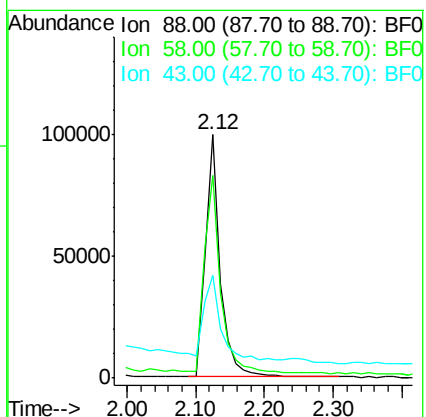
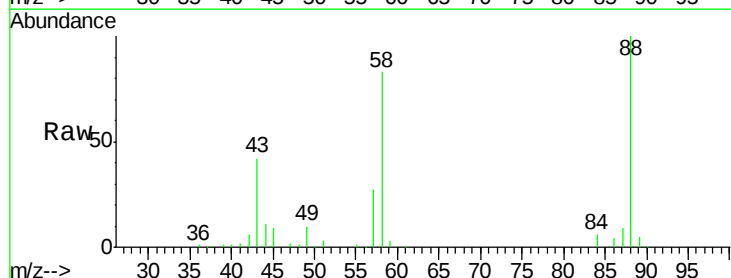
Tgt Ion: 88 Resp: 149774

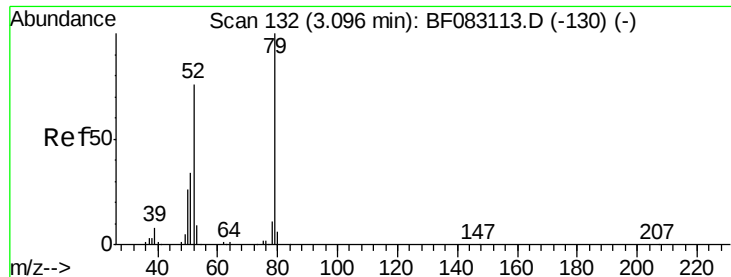
Ion Ratio Lower Upper

88 100

58 88.4 65.0 97.6

43 40.4 24.7 37.1#





#3

Pyridine

Concen: 28.53 ng m

RT: 2.76 min Scan# 68

Delta R.T. -0.33 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

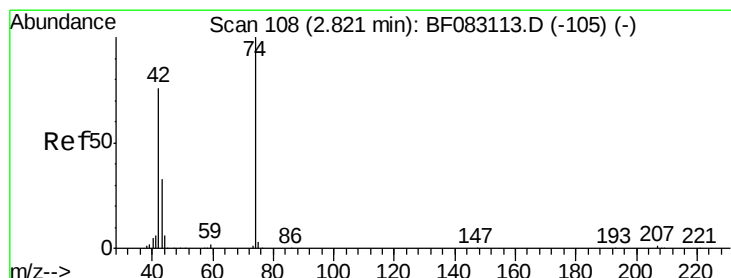
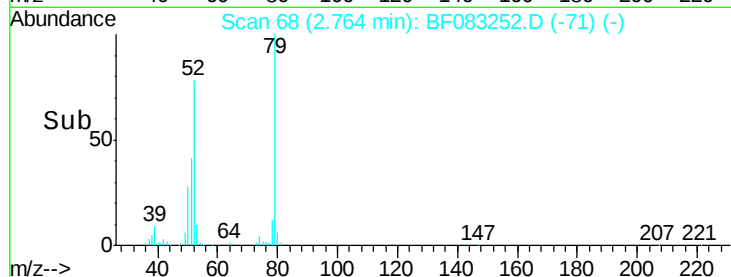
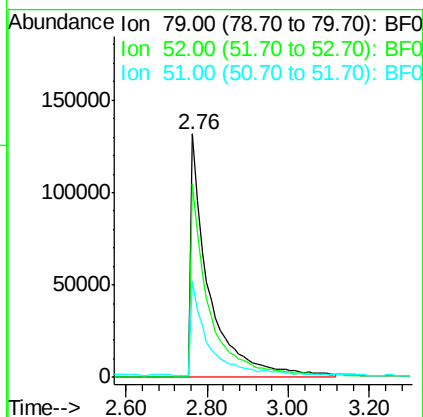
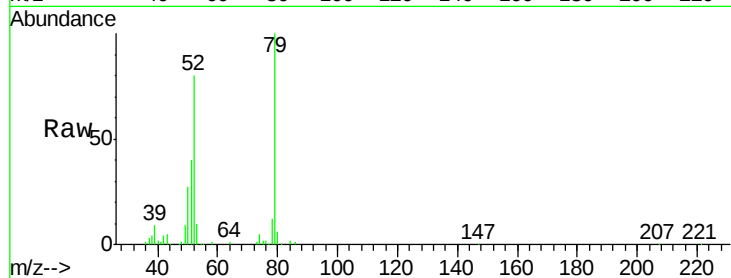
ClientSampleId :

PB86782BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 415549 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 79.7  | 60.7  | 91.1   |
| 51        | 39.6  | 27.9  | 41.9   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 36.47 ng

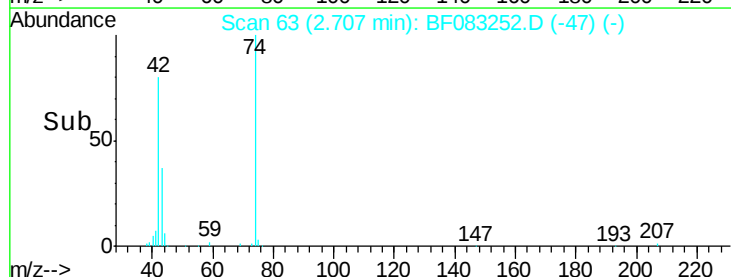
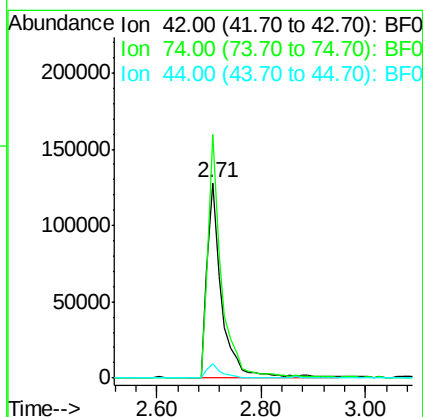
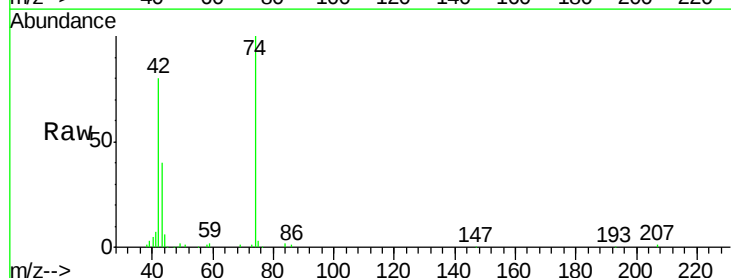
RT: 2.71 min Scan# 63

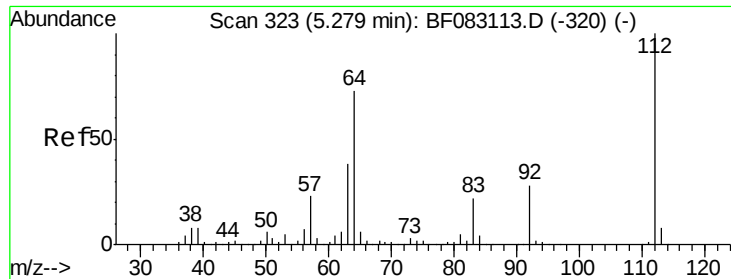
Delta R.T. -0.11 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 244992 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 124.5 | 104.8 | 157.2  |
| 44        | 7.3   | 6.2   | 9.4    |





#5

2-Fluorophenol

Concen: 70.35 ng

RT: 5.21 min Scan# 282

Delta R.T. -0.07 min

Lab File: BF083252.D

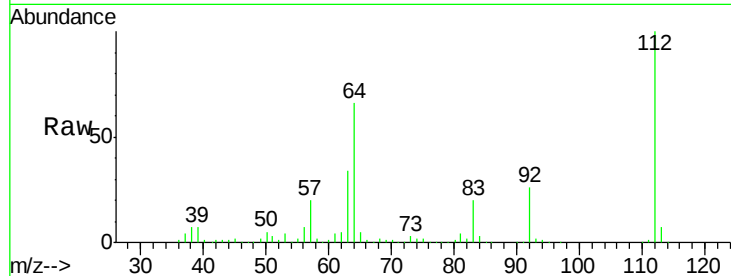
Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

ClientSampleId :

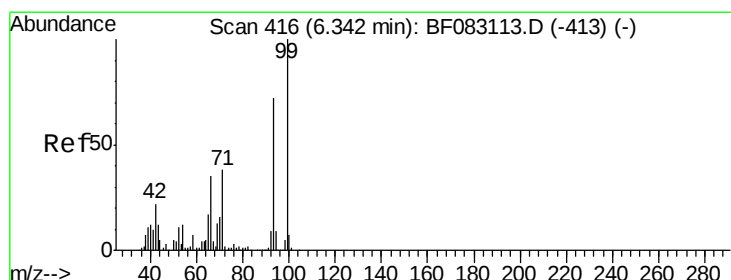
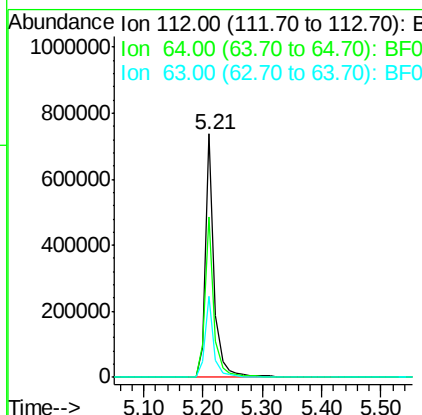
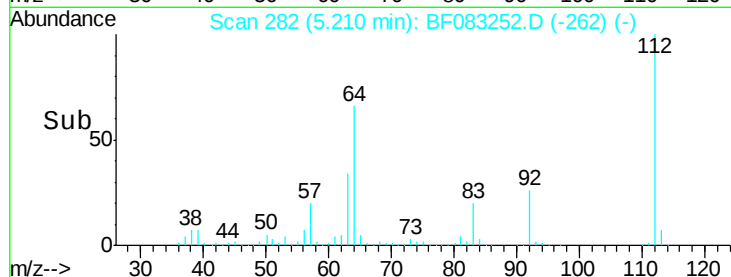
PB86782BS



| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 112     | 100  |       | 783296 |       |       |
| 64      | 65.8 | 58.4  |        | 87.6  |       |
| 63      | 33.5 | 30.0  |        | 45.0  |       |

Manual Integrations  
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#6

Aniline

Concen: 19.13 ng

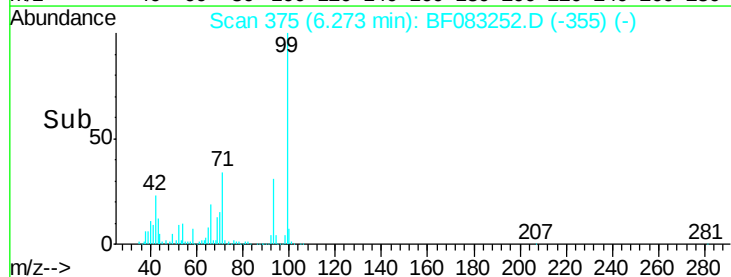
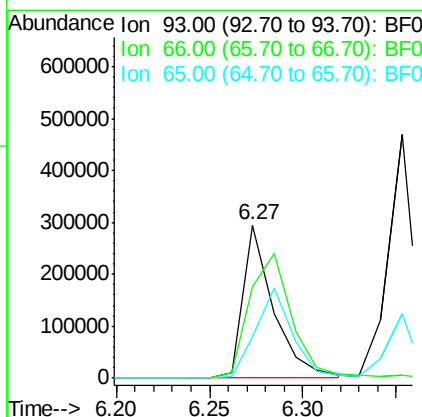
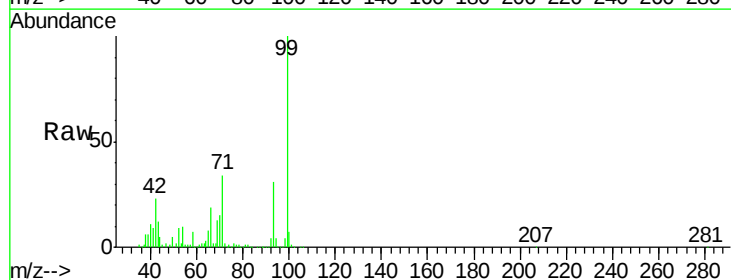
RT: 6.27 min Scan# 375

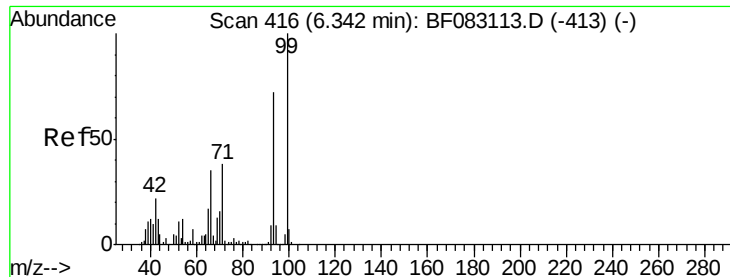
Delta R.T. -0.07 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 336741 |       |       |
| 66      | 59.5 | 38.7  |        | 58.1# |       |
| 65      | 26.9 | 18.6  |        | 27.8  |       |





#7

Phenol-d6

Concen: 69.05 ng

RT: 6.27 min Scan# 375

Delta R.T. -0.07 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

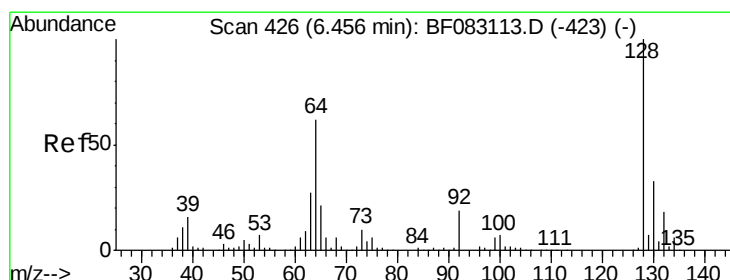
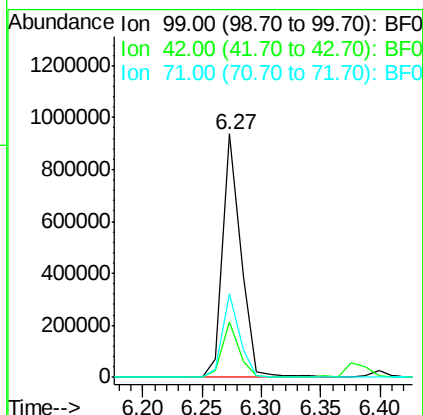
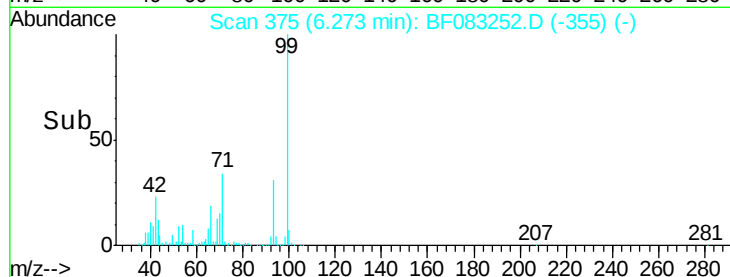
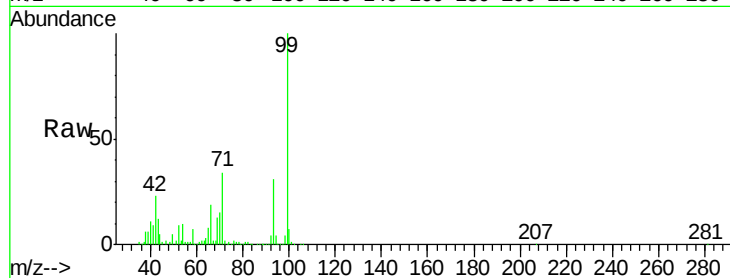
ClientSampleId :

PB86782BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 994695 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 23.0  | 17.7  | 26.5   |
| 71        | 34.1  | 30.2  | 45.4   |

Manual Integrations  
APPROVED

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#8

2-Chlorophenol

Concen: 34.56 ng

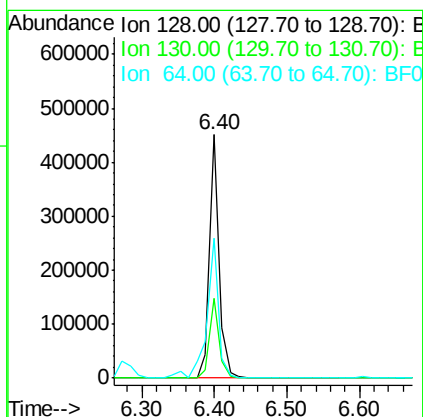
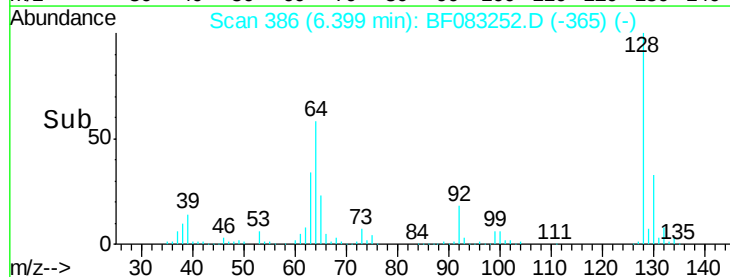
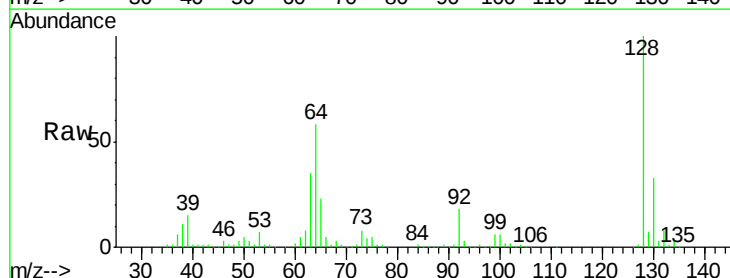
RT: 6.40 min Scan# 386

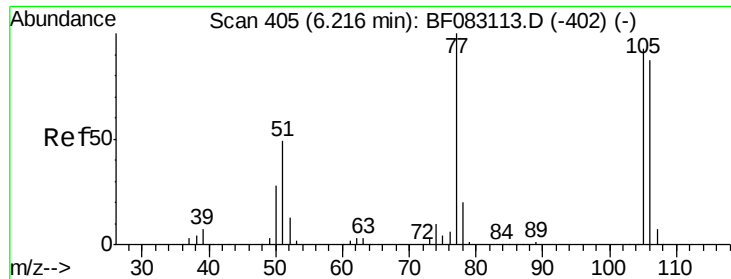
Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 415664 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.8  | 12.6  | 52.6   |
| 64        | 57.7  | 41.9  | 81.9   |





#9

Benzaldehyde

Concen: 27.85 ng

RT: 6.15 min Scan# 364

Delta R.T. -0.07 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

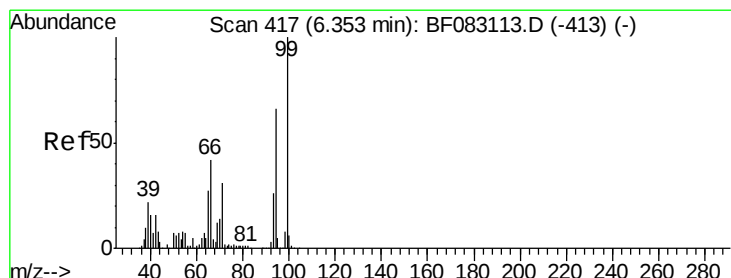
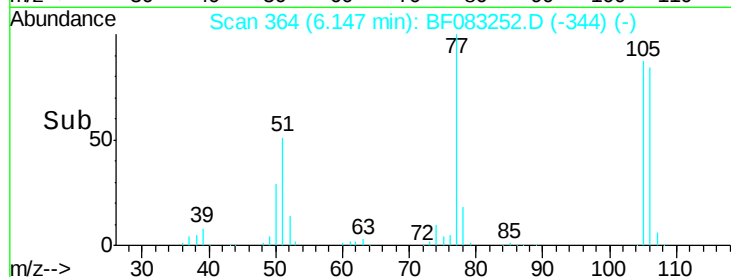
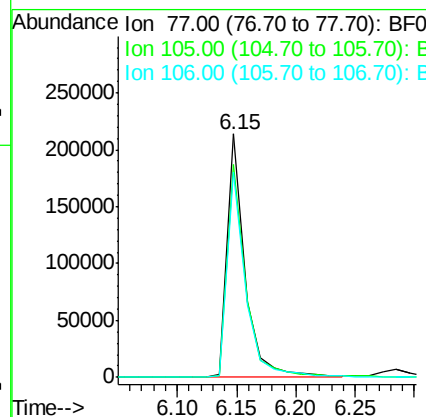
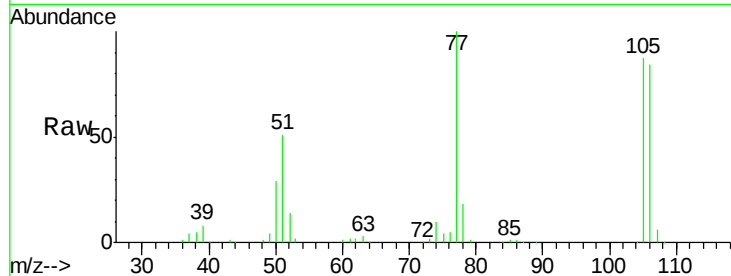
ClientSampleId :

PB86782BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 219816 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 87.4  | 73.4  | 113.4  |
| 106       | 84.4  | 67.5  | 107.5  |

Manual Integrations  
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Mmdadoda  
11/25/2015 12:54:38 PM



#10

Phenol

Concen: 31.51 ng

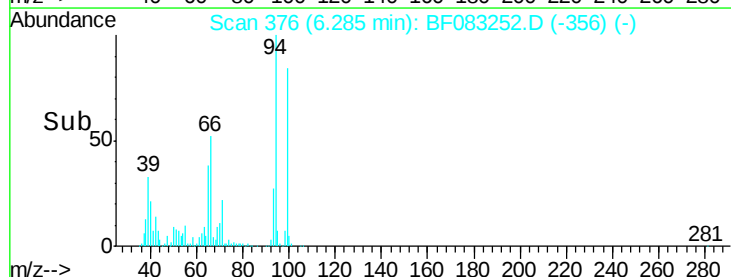
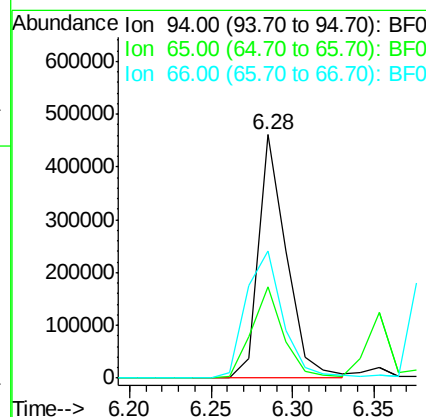
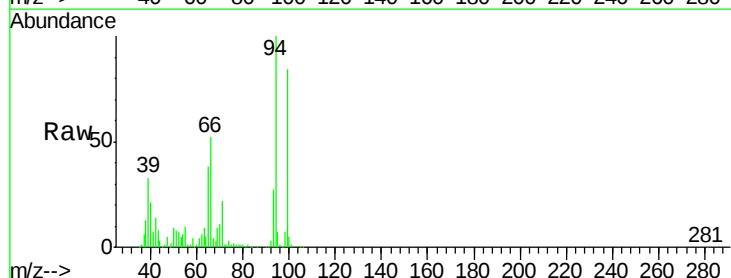
RT: 6.28 min Scan# 376

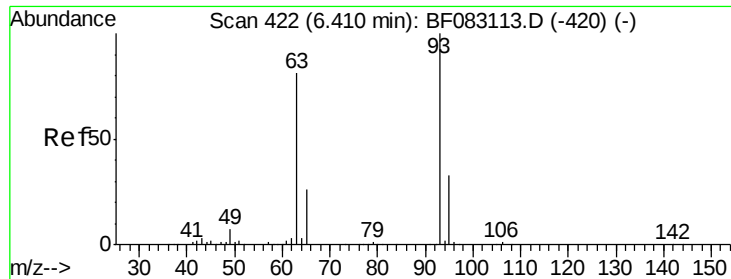
Delta R.T. -0.07 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 549084 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 37.6  | 21.1  | 61.1   |
| 66        | 52.0  | 43.1  | 83.1   |





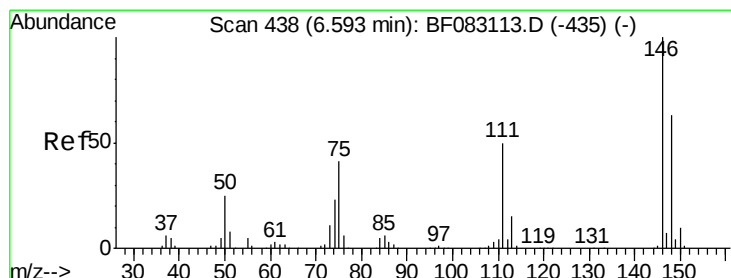
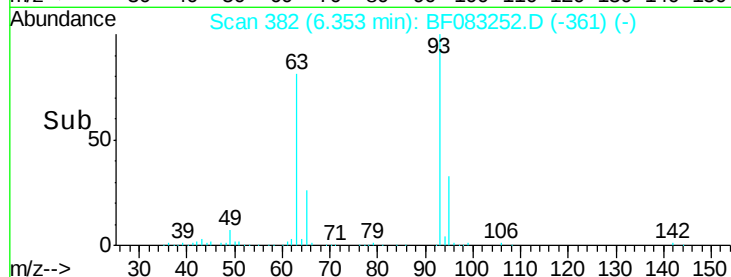
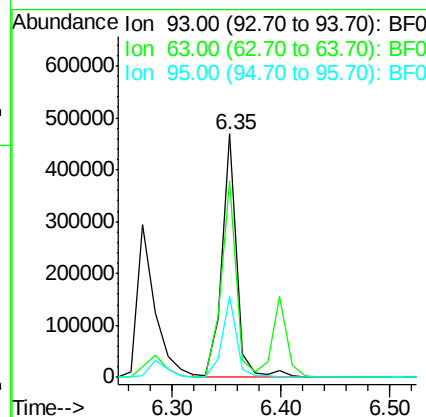
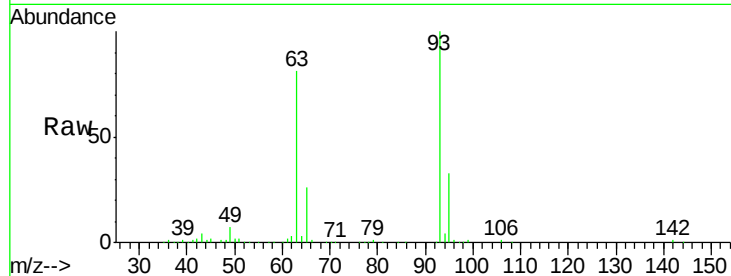
#11  
bis(2-Chloroethyl)ether  
Concen: 36.29 ng  
RT: 6.35 min Scan# 382  
Delta R.T. -0.06 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB86782BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 80.5  | 59.8  | 99.8  |
| 95      | 33.1  | 13.0  | 53.0  |

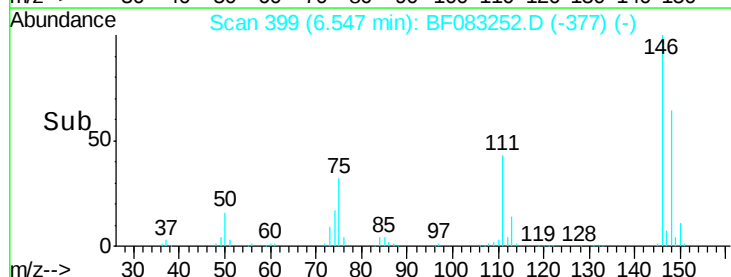
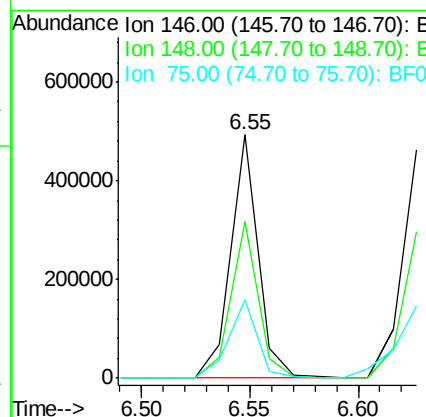
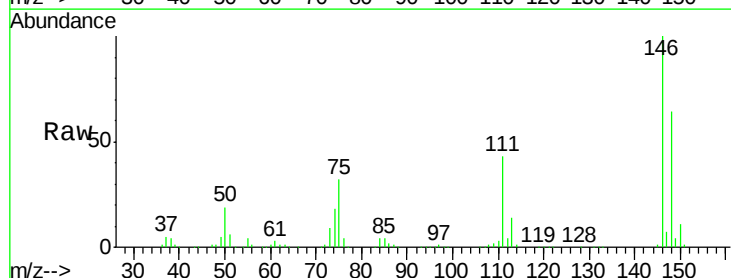
Manual Integrations  
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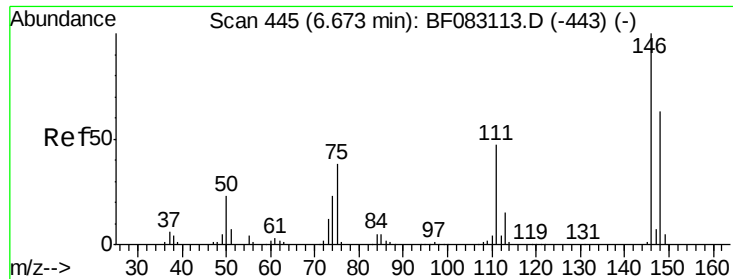
Mmdadoda  
11/25/2015 12:54:38 PM



#12  
1,3-Dichlorobenzene  
Concen: 31.71 ng m  
RT: 6.55 min Scan# 399  
Delta R.T. -0.05 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.4  | 50.2  | 75.2  |
| 75      | 32.3  | 32.7  | 49.1# |





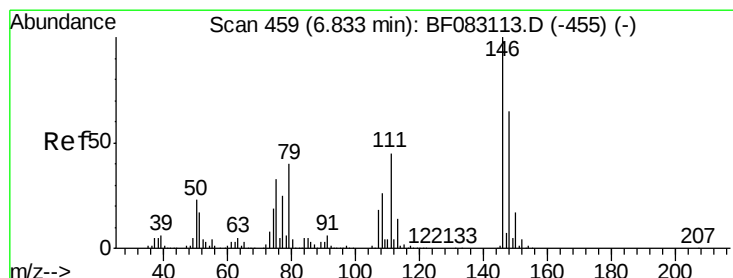
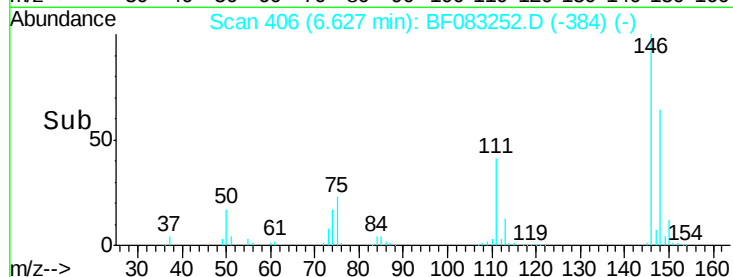
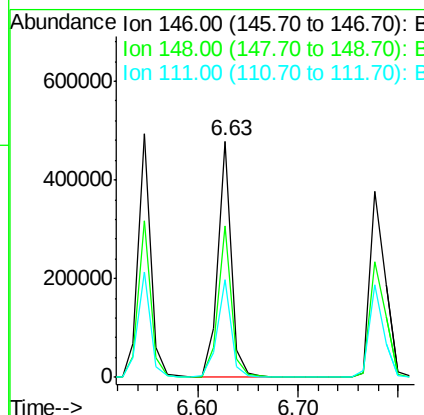
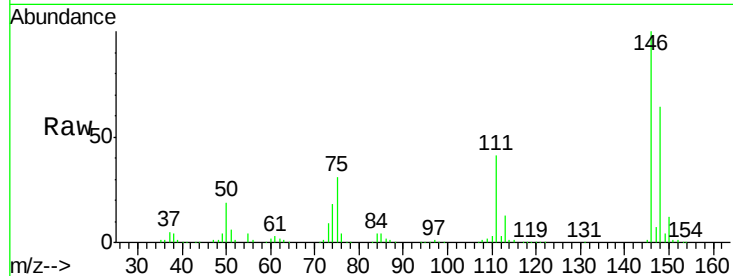
#13  
 1,4-Dichlorobenzene  
 Concen: 32.17 ng  
 RT: 6.63 min Scan# 406  
 Delta R.T. -0.05 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86782BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 446948 |       |       |
| 148     | 64.0  | 50.2   | 75.2  |       |
| 111     | 41.4  | 37.5   | 56.3  |       |

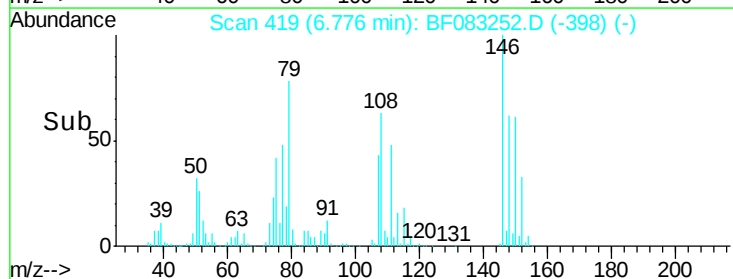
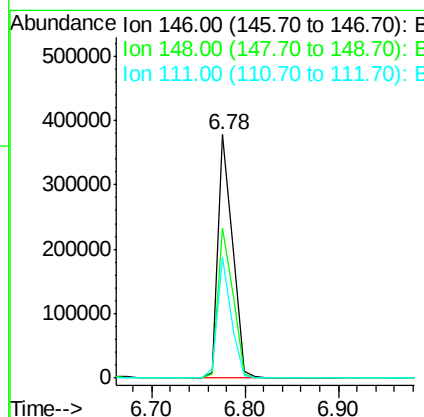
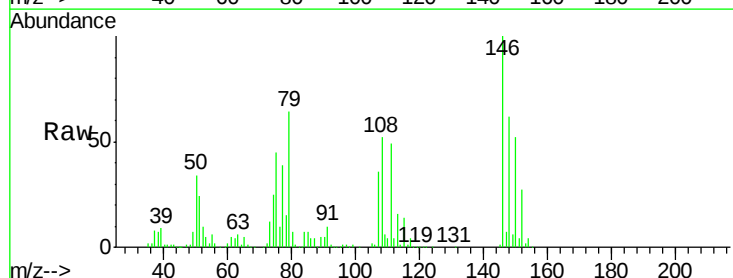
Manual Integrations  
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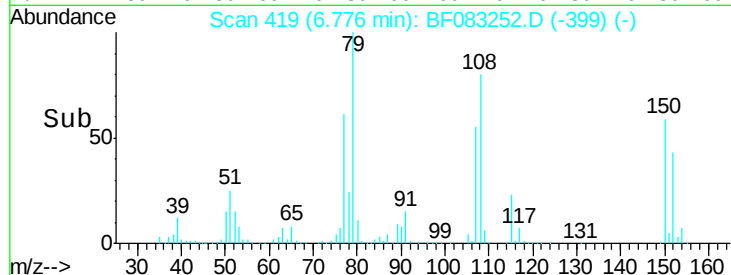
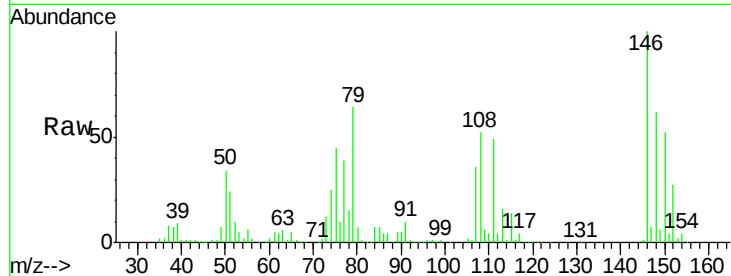
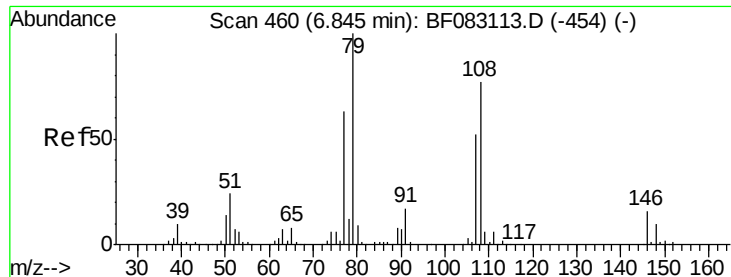
Mmdadoda  
 11/25/2015 12:54:38 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 32.06 ng  
 RT: 6.78 min Scan# 419  
 Delta R.T. -0.06 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 404800 |       |       |
| 148     | 61.7  | 51.8   | 77.6  |       |
| 111     | 49.4  | 36.2   | 54.4  |       |





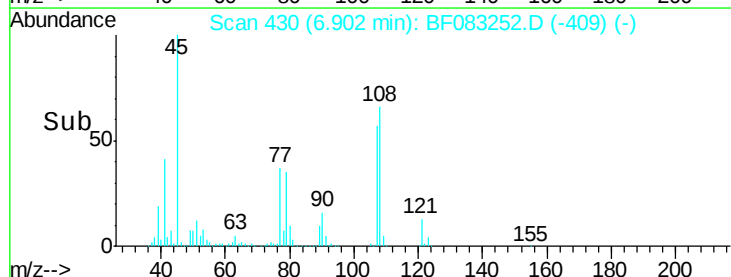
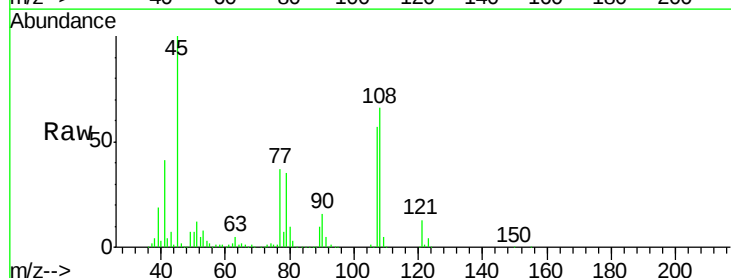
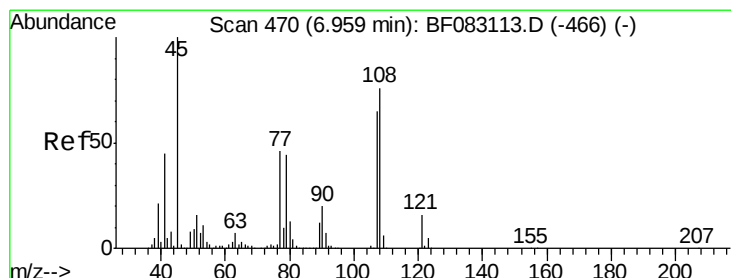
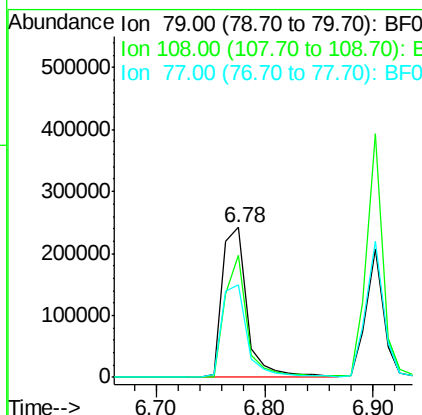
#15  
Benzyl Alcohol  
Concen: 32.29 ng  
RT: 6.78 min Scan# 419  
Delta R.T. -0.07 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 388750 |       |       |
| 108     | 81.3  | 61.4   | 92.2  |       |
| 77      | 61.7  | 50.5   | 75.7  |       |

Instrument :  
BNA\_F  
ClientSampleId :  
PB86782BS

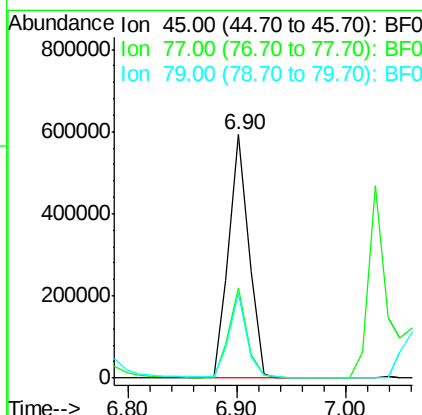
Manual Integrations  
APPROVED

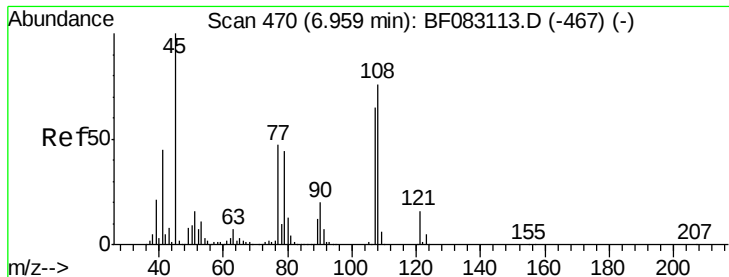
Mmdadoda  
11/25/2015 12:54:38 PM



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 39.15 ng  
RT: 6.90 min Scan# 430  
Delta R.T. -0.06 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 759584 |       |       |
| 77      | 37.1  | 26.7   | 66.7  |       |
| 79      | 35.1  | 24.3   | 64.3  |       |





#17

2-Methylphenol

Concen: 35.43 ng

RT: 6.90 min Scan# 430

Delta R.T. -0.06 min

Lab File: BF083252.D

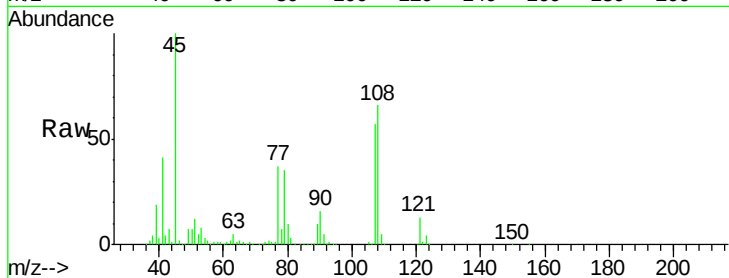
Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

ClientSampleId :

PB86782BS



Tgt Ion:107 Resp: 352688

Ion Ratio Lower Upper

107 100

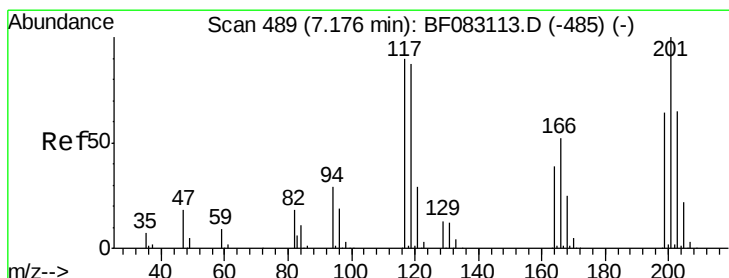
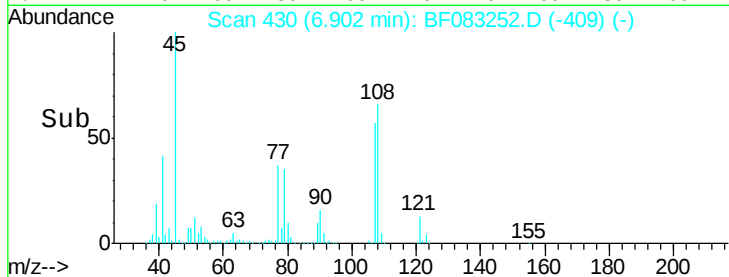
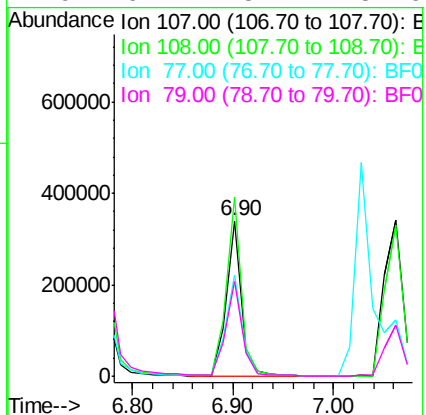
108 115.8 93.8 140.6

77 64.8 57.4 86.0

79 61.2 54.4 81.6

Manual Integrations  
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Mmdadoda  
11/25/2015 12:54:38 PM



#18

Hexachloroethane

Concen: 31.39 ng

RT: 7.12 min Scan# 449

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

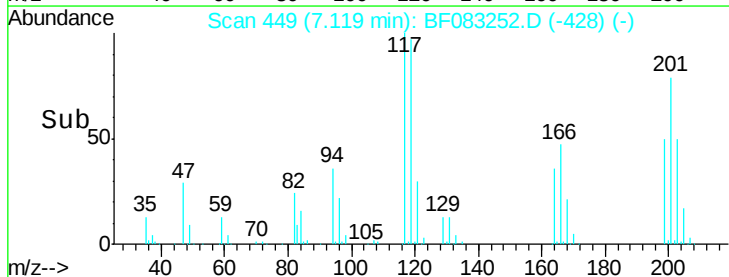
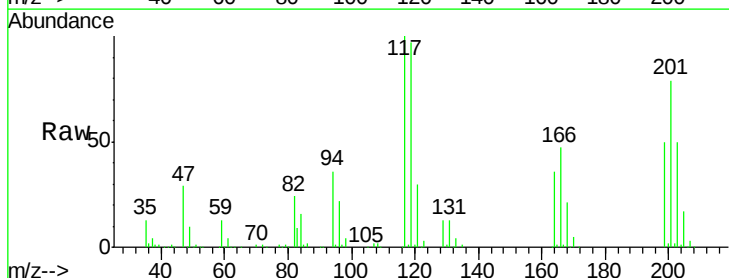
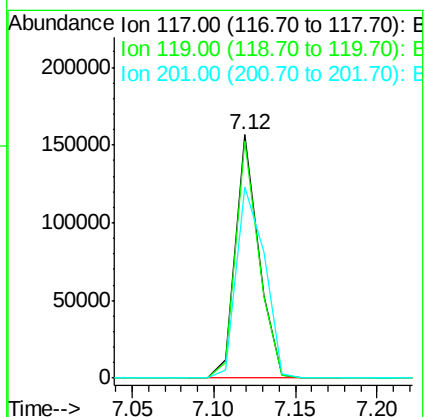
Tgt Ion:117 Resp: 153623

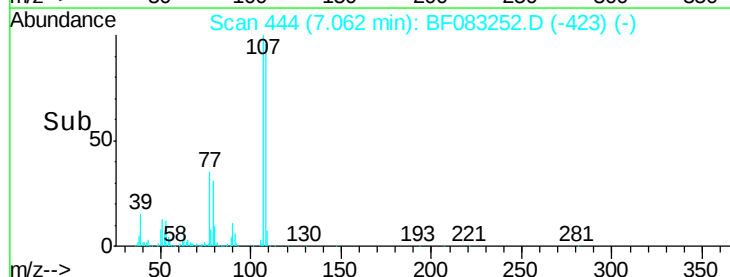
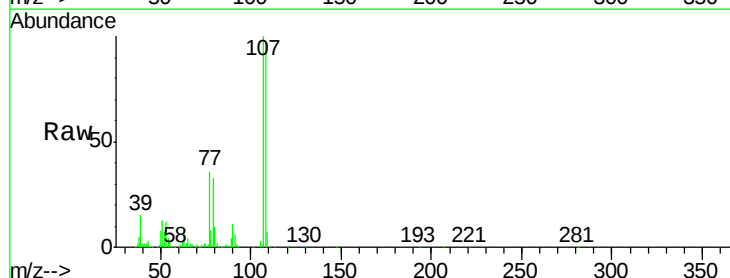
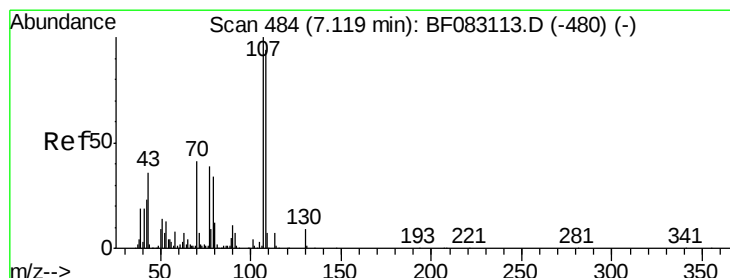
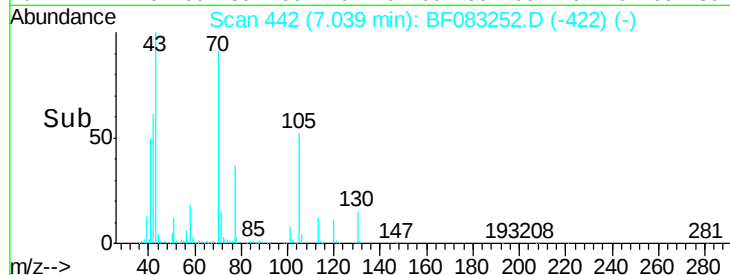
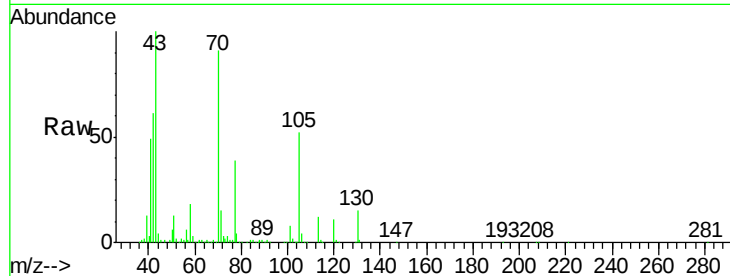
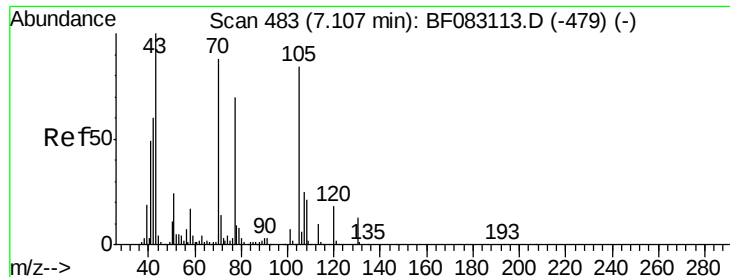
Ion Ratio Lower Upper

117 100

119 97.3 76.8 115.2

201 78.6 88.6 133.0#

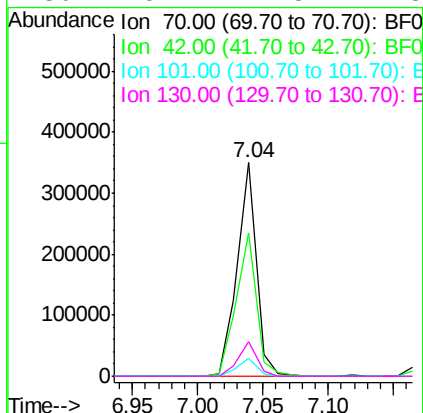




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.63 ng  
RT: 7.04 min Scan# 442  
Delta R.T. -0.07 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB86782BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 67.4  | 54.5  | 81.7  |
| 101     | 8.3   | 6.6   | 9.8   |
| 130     | 16.1  | 11.5  | 17.3  |

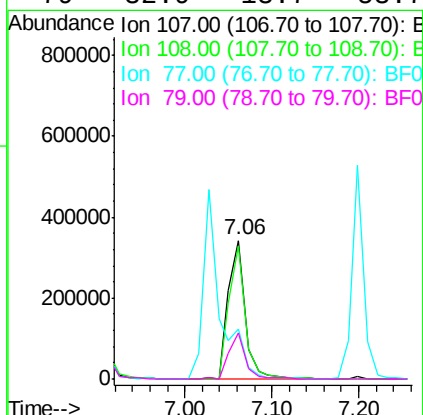


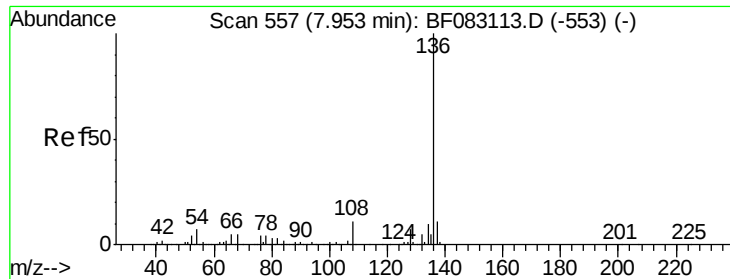
Manual Integrations  
APPROVED

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11/25/2015 12:54:38 PM

#20  
3+4-Methylphenols  
Concen: 36.87 ng  
RT: 7.06 min Scan# 444  
Delta R.T. -0.06 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 96.5  | 73.8  | 113.8 |
| 77      | 35.7  | 19.1  | 59.1  |
| 79      | 32.9  | 13.7  | 53.7  |





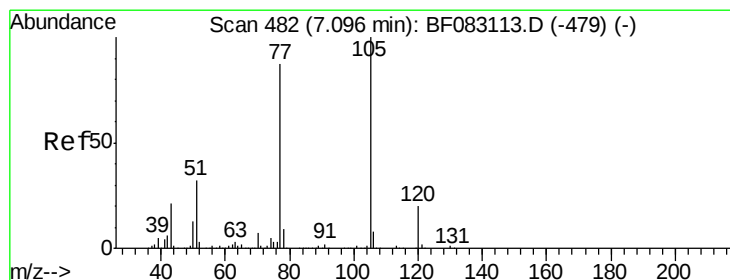
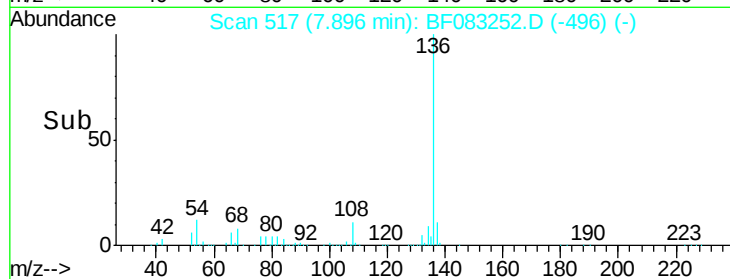
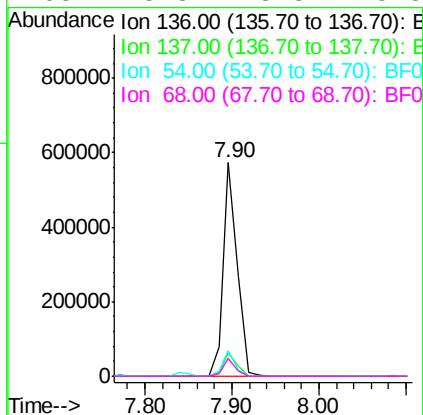
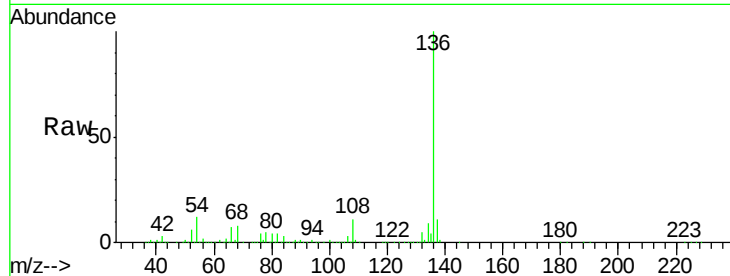
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.90 min Scan# 517  
Delta R.T. -0.06 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB86782BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 643845 |       |       |
| 137     | 11.0  | 8.7    | 13.1  |       |
| 54      | 12.1  | 5.8    | 8.6#  |       |
| 68      | 8.3   | 3.8    | 5.8#  |       |

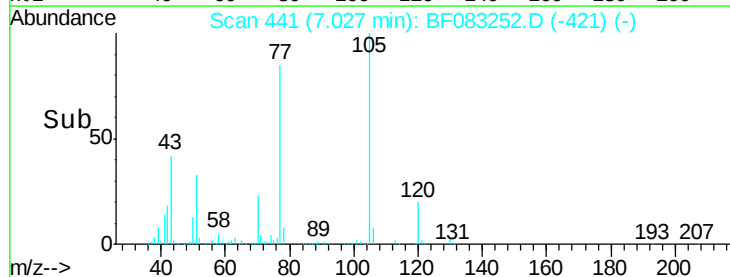
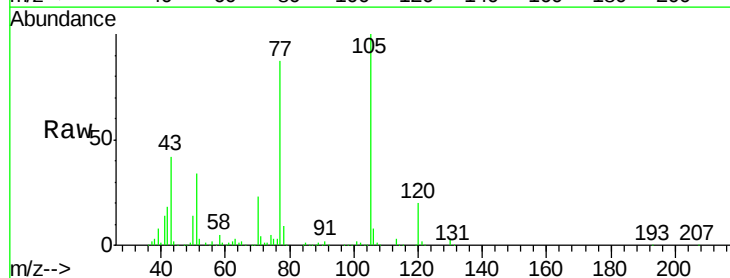
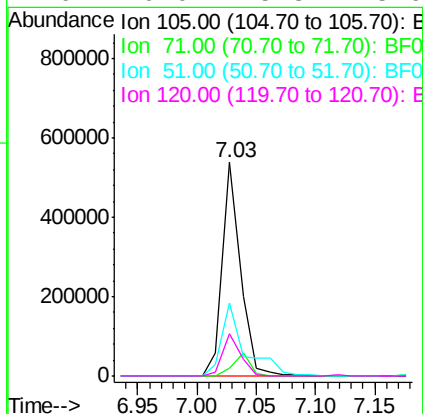
Manual Integrations  
APPROVED

Mmdadoda  
11/25/2015 12:54:38 PM



#22  
Acetophenone  
Concen: 31.02 ng  
RT: 7.03 min Scan# 441  
Delta R.T. -0.07 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 573303 |       |       |
| 71      | 3.9   | 1.0    | 1.4#  |       |
| 51      | 34.2  | 25.6   | 38.4  |       |
| 120     | 20.0  | 15.8   | 23.6  |       |





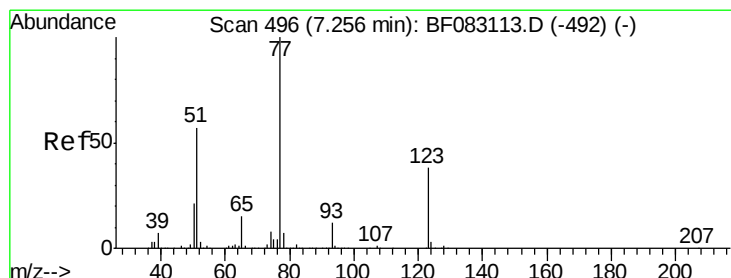
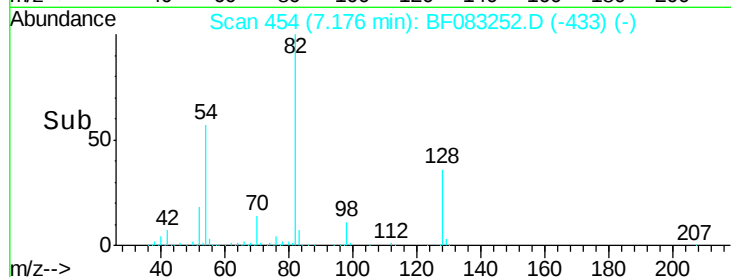
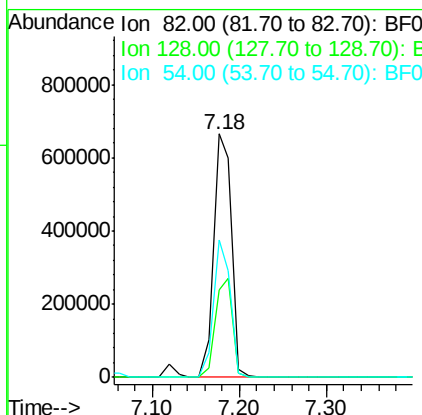
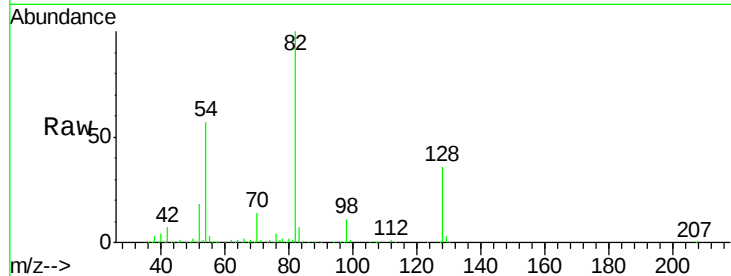
#23  
Nitrobenzene-d5  
Concen: 68.24 ng  
RT: 7.18 min Scan# 454  
Delta R.T. -0.06 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB86782BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 35.9  | 28.5  | 42.7  |
| 54      | 56.7  | 44.6  | 67.0  |

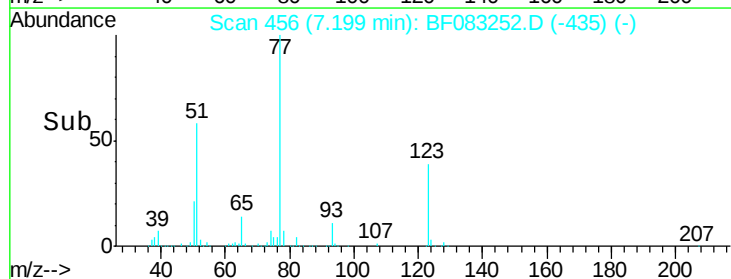
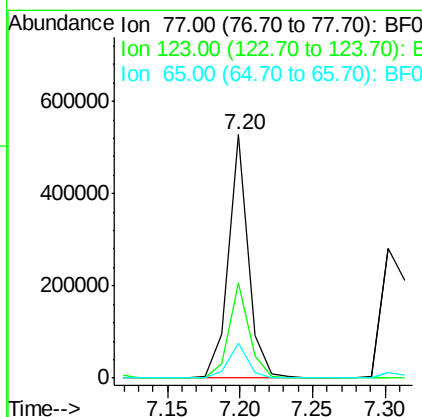
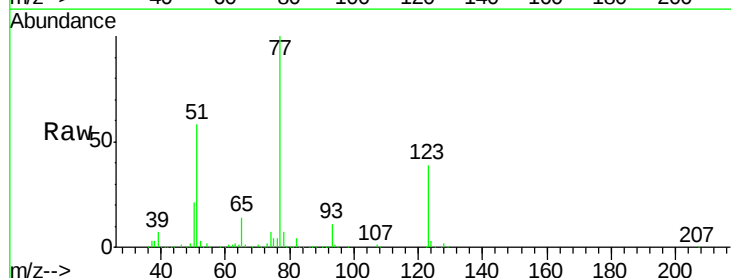
Manual Integrations  
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11/25/2015 12:54:38 PM



#24  
Nitrobenzene  
Concen: 33.31 ng  
RT: 7.20 min Scan# 456  
Delta R.T. -0.06 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 39.0  | 30.1  | 45.1  |
| 65      | 14.2  | 11.6  | 17.4  |





#25

Isophorone

Concen: 32.30 ng

RT: 7.44 min Scan# 477

Delta R.T. -0.09 min

Lab File: BF083252.D

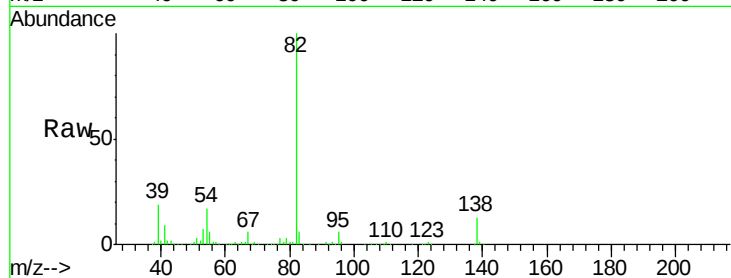
Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

ClientSampleId :

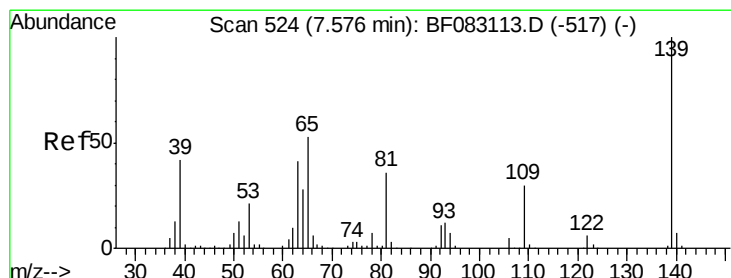
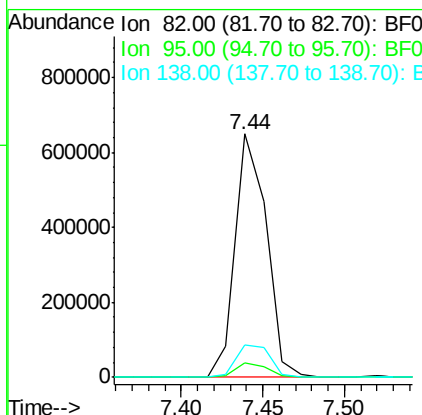
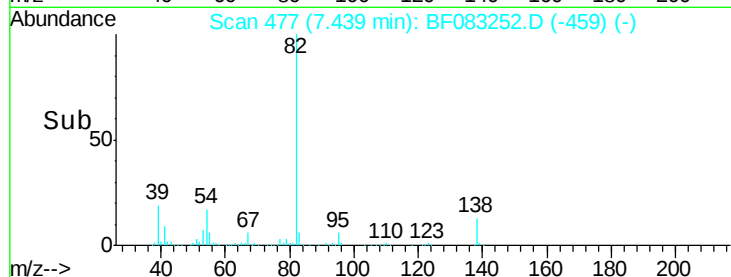
PB86782BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 861598 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 6.2   | 5.8   | 8.8    |
| 138       | 13.2  | 11.6  | 17.4   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 31.84 ng

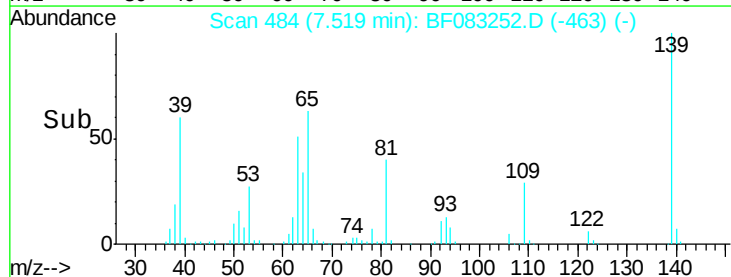
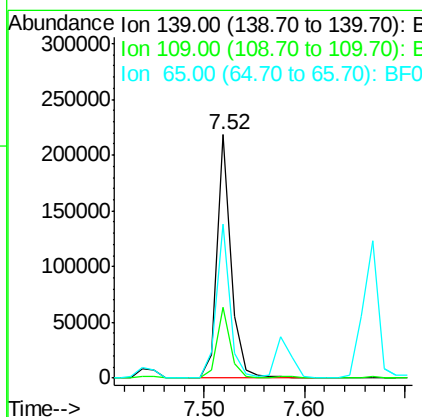
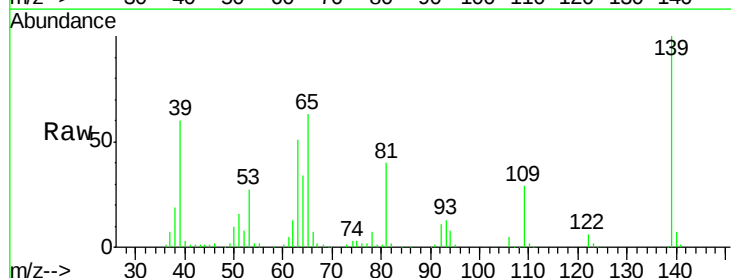
RT: 7.52 min Scan# 484

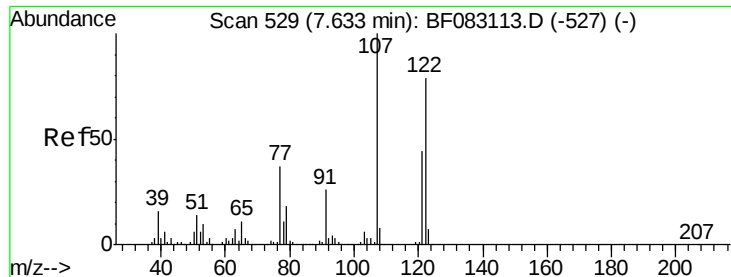
Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 211638 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 28.9  | 23.9  | 35.9   |
| 65        | 63.3  | 42.7  | 64.1   |





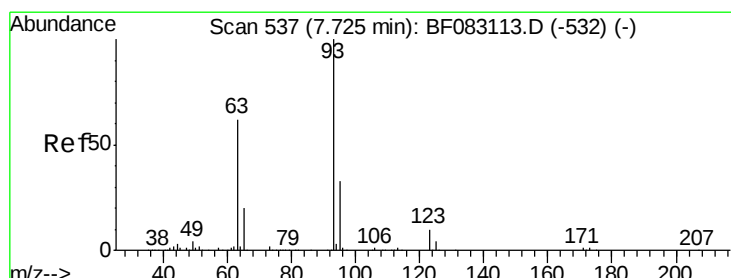
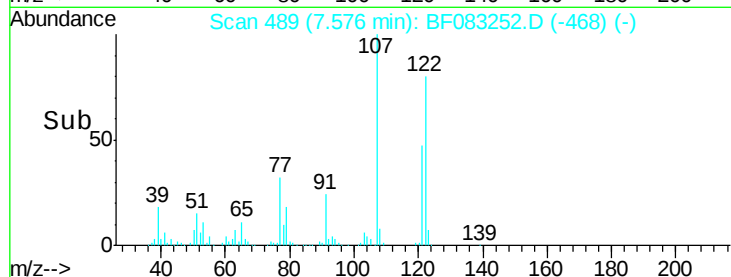
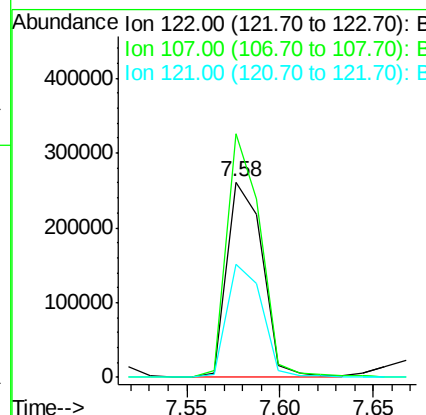
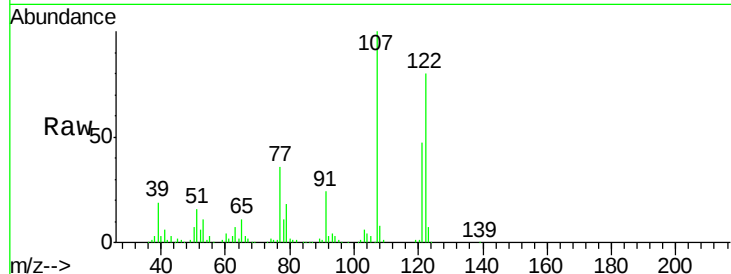
#27  
 2,4-Dimethylphenol  
 Concen: 33.03 ng  
 RT: 7.58 min Scan# 489  
 Delta R.T. -0.06 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86782BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 350408 |       |       |
| 107     | 124.5 | 101.1  | 151.7 |       |
| 121     | 58.0  | 44.9   | 67.3  |       |

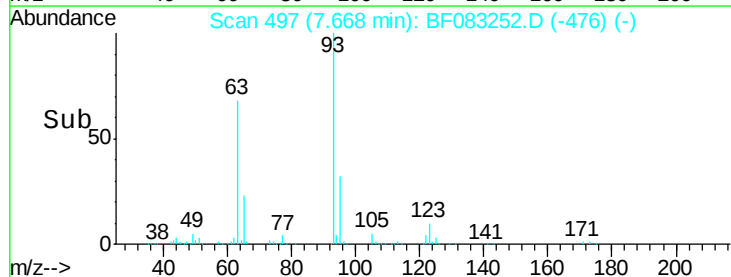
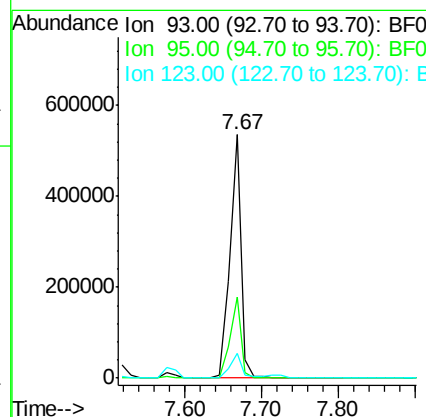
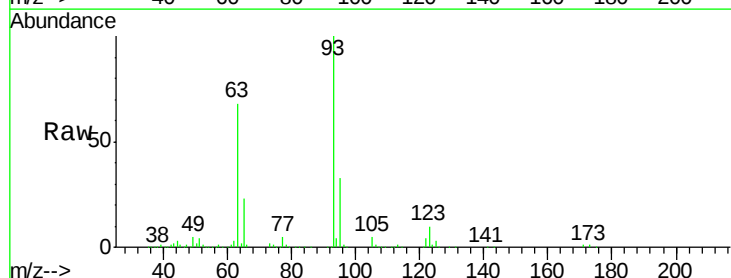
Manual Integrations  
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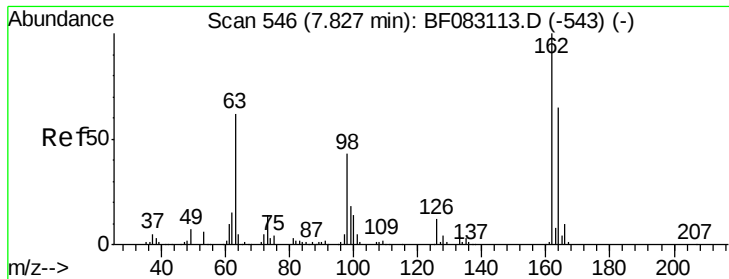
Mmdadoda  
 11/25/2015 12:54:38 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 35.73 ng  
 RT: 7.67 min Scan# 497  
 Delta R.T. -0.06 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 554263 |       |       |
| 95      | 33.2  | 26.5   | 39.7  |       |
| 123     | 10.4  | 8.1    | 12.1  |       |





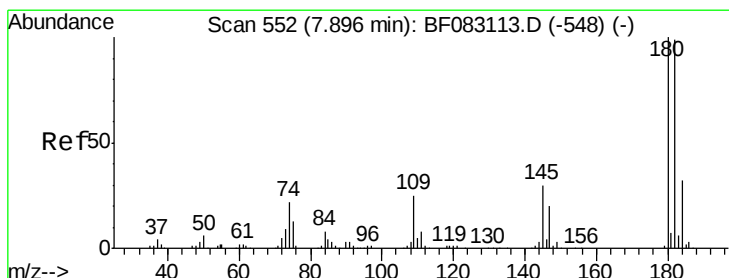
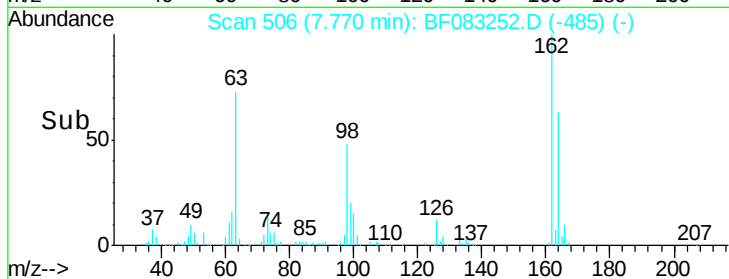
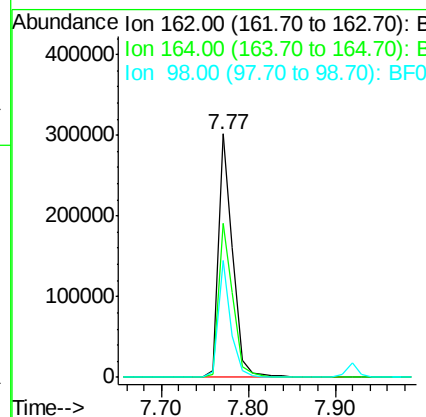
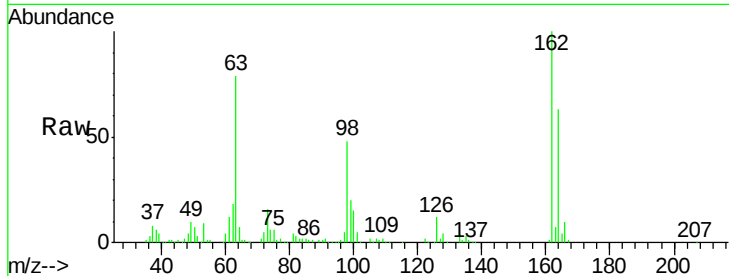
#29  
2,4-Dichlorophenol  
Concen: 34.40 ng  
RT: 7.77 min Scan# 506  
Delta R.T. -0.06 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB86782BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 63.5  | 44.8       | 84.8       |
| 98      | 48.1  | 23.1       | 63.1       |

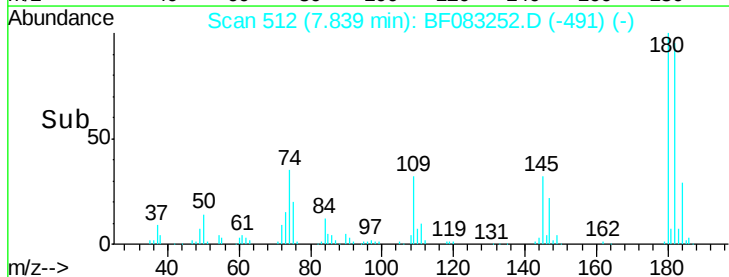
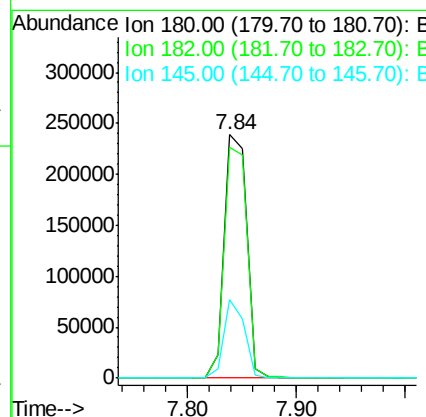
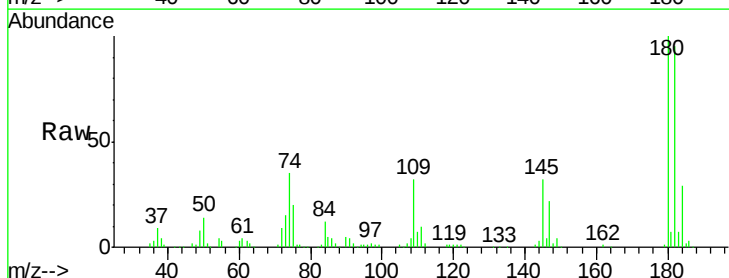
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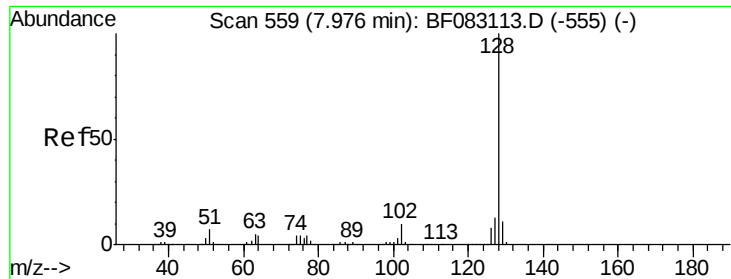
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11/25/2015 12:54:38 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 30.97 ng  
RT: 7.84 min Scan# 512  
Delta R.T. -0.06 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 95.0  | 79.0       | 118.6      |
| 145     | 32.5  | 24.2       | 36.2       |





#31

Naphthalene

Concen: 32.24 ng

RT: 7.92 min Scan# 519

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

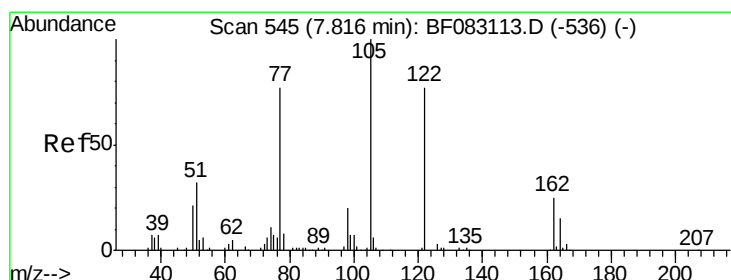
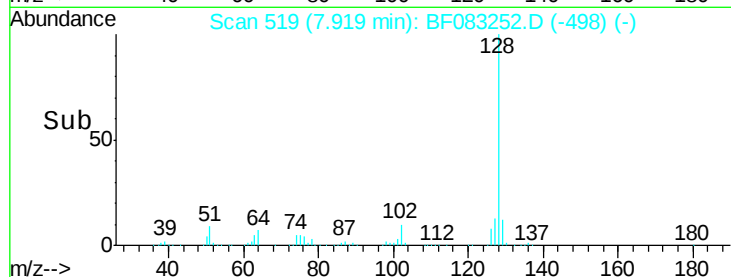
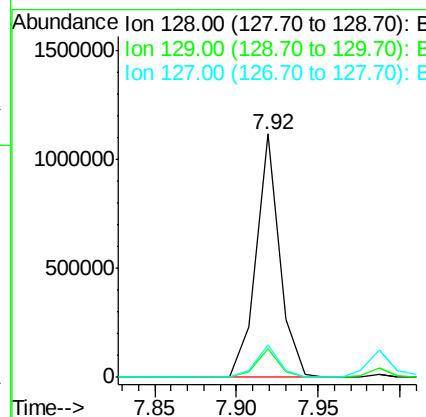
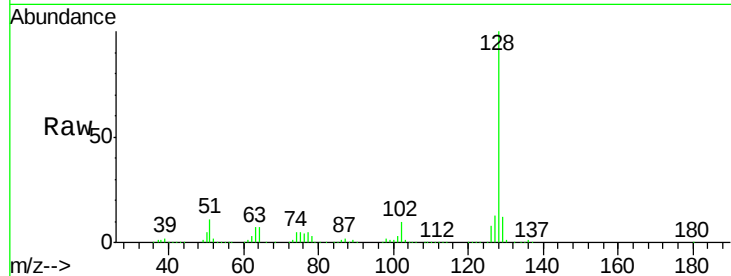
ClientSampleId :

PB86782BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 128   | Resp: | 1120155 |
| Ion      | Ratio | Lower | Upper   |
| 128      | 100   |       |         |
| 129      | 11.6  | 9.0   | 13.4    |
| 127      | 13.3  | 10.6  | 15.8    |

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#32

Benzoic acid

Concen: 30.09 ng

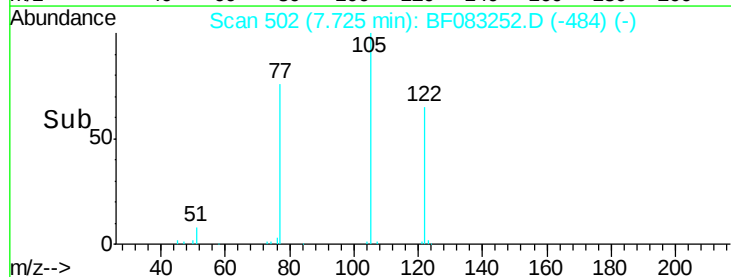
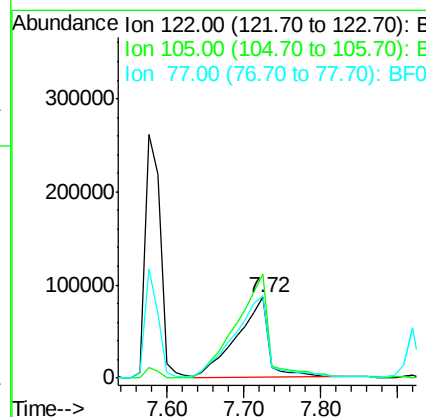
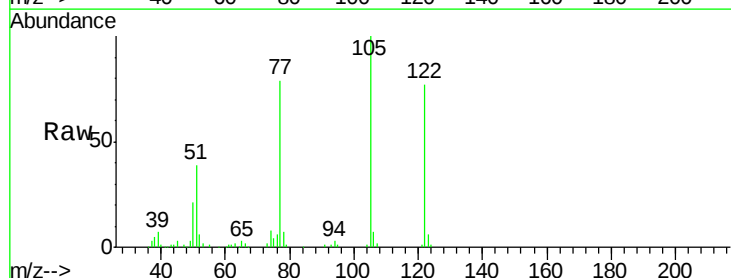
RT: 7.72 min Scan# 502

Delta R.T. -0.09 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 122   | Resp: | 248123 |
| Ion      | Ratio | Lower | Upper  |
| 122      | 100   |       |        |
| 105      | 129.6 | 109.7 | 149.7  |
| 77       | 101.9 | 79.7  | 119.7  |





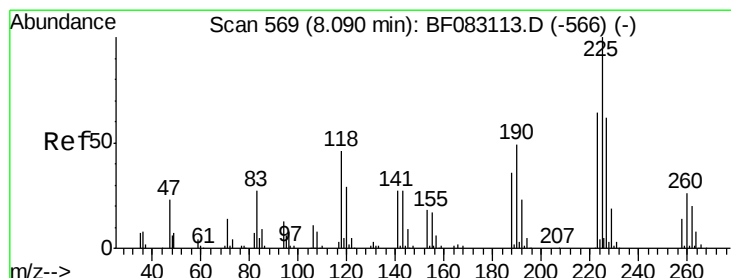
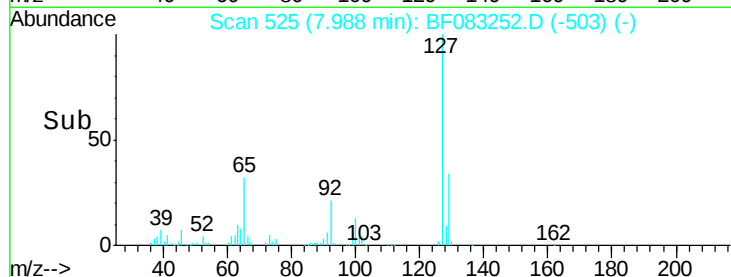
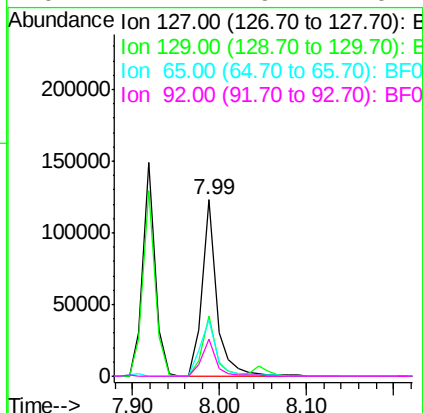
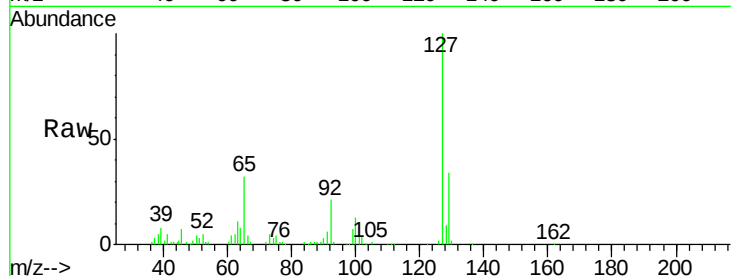
#33  
 4-Chloroaniline  
 Concen: 10.75 ng  
 RT: 7.99 min Scan# 525  
 Delta R.T. -0.05 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86782BS

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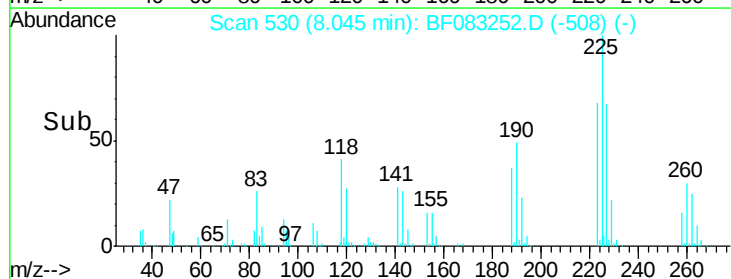
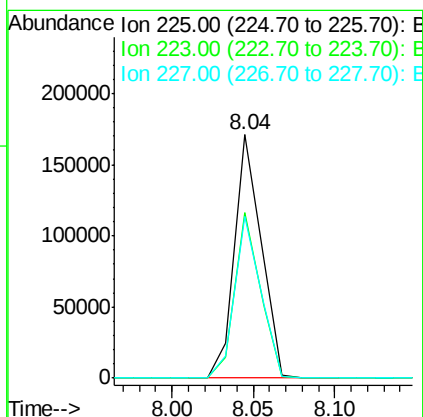
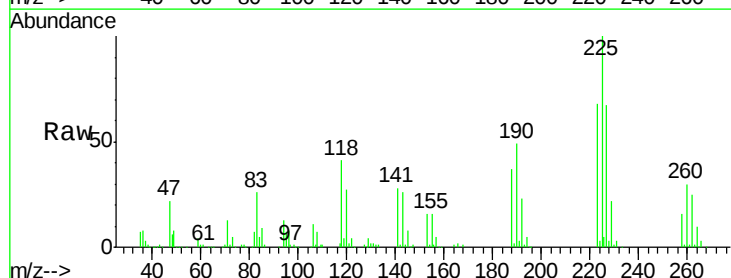
Mmdadoda  
 11/25/2015 12:54:38 PM

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 144984 |       |       |
| 129     | 34.0  | 25.7   | 38.5  |       |
| 65      | 32.1  | 35.5   | 53.3  |       |
| 92      | 21.2  | 19.4   | 29.2  |       |



#34  
 Hexachlorobutadiene  
 Concen: 29.41 ng  
 RT: 8.04 min Scan# 530  
 Delta R.T. -0.05 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 192620 |       |       |
| 223     | 67.8  | 51.3   | 76.9  |       |
| 227     | 66.6  | 49.8   | 74.8  |       |





#35

Caprolactam

Concen: 36.80 ng m

RT: 8.35 min Scan# 557

Delta R.T. -0.14 min

Lab File: BF083252.D

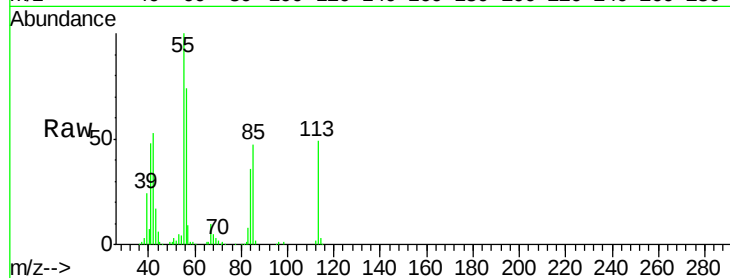
Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

ClientSampleId :

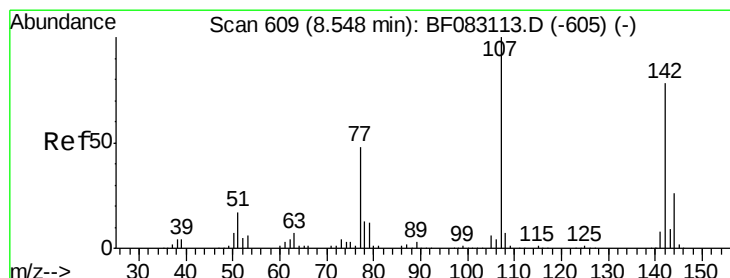
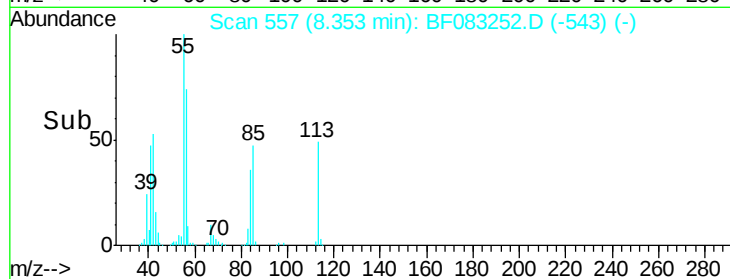
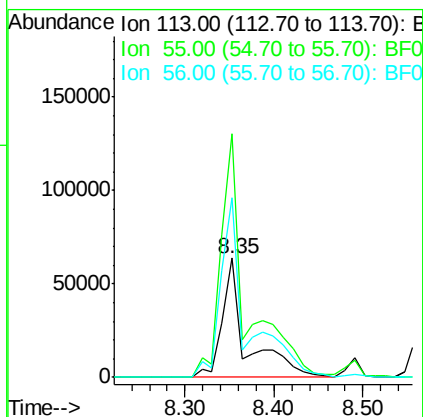
PB86782BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 118998 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 55        | 204.6 | 192.6 | 232.6  |
| 56        | 150.5 | 148.6 | 188.6  |

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#36

4-Chloro-3-methylphenol

Concen: 34.23 ng

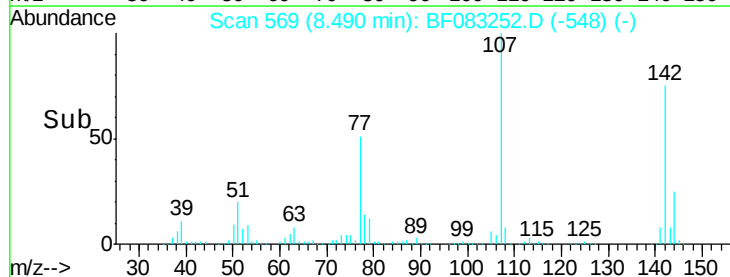
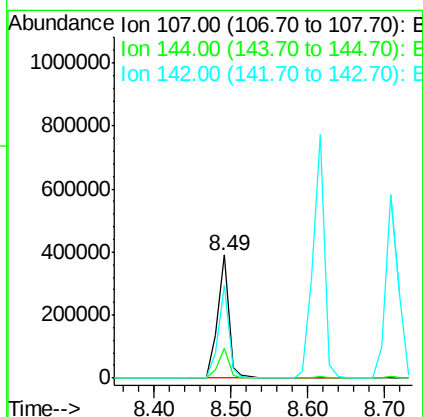
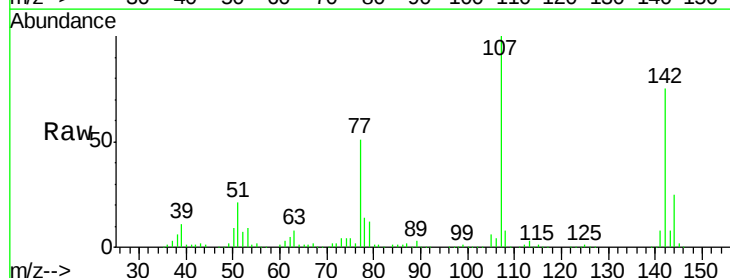
RT: 8.49 min Scan# 569

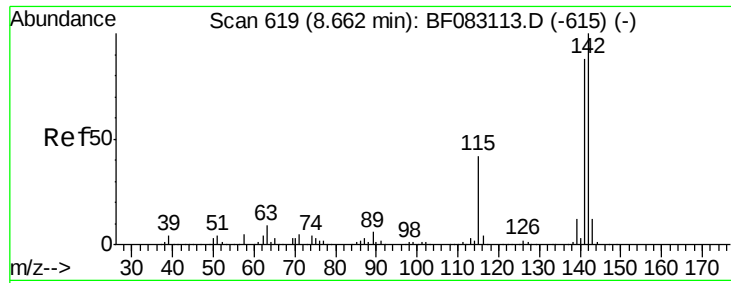
Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 399967 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 24.8  | 20.8  | 31.2   |
| 142       | 75.1  | 62.1  | 93.1   |





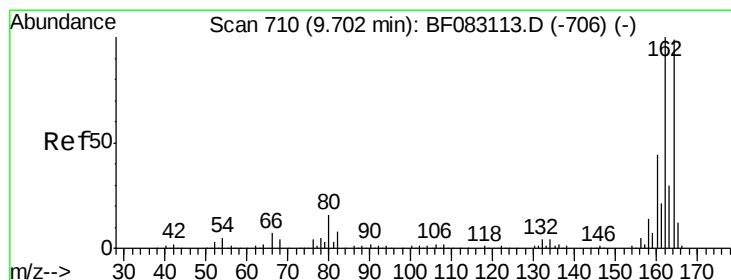
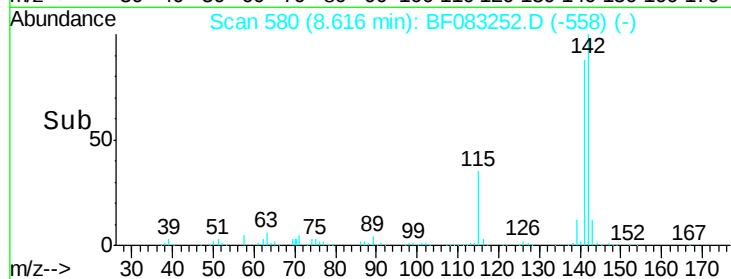
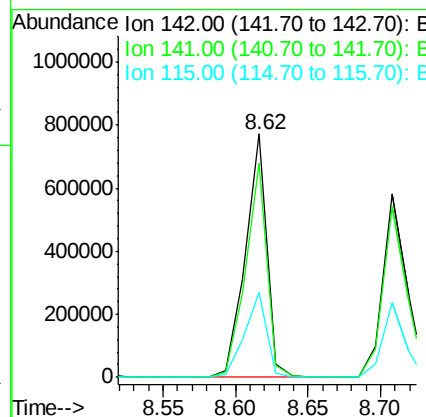
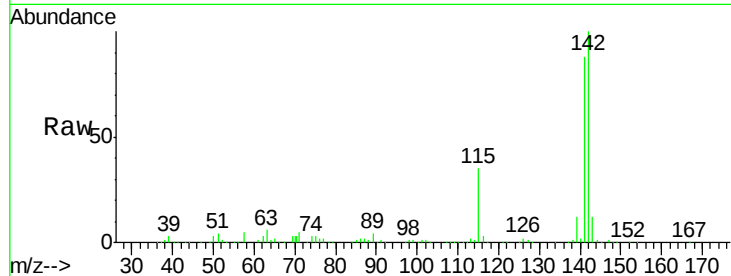
#37  
 2-Methylnaphthalene  
 Concen: 34.85 ng  
 RT: 8.62 min Scan# 580  
 Delta R.T. -0.05 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86782BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 785904 |       |       |
| 141     | 88.0  |        | 70.3  | 105.5 |
| 115     | 34.6  |        | 33.4  | 50.2  |

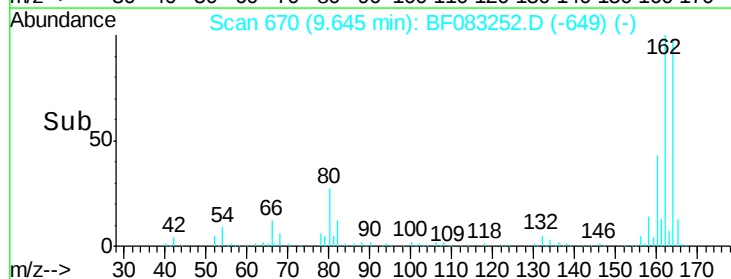
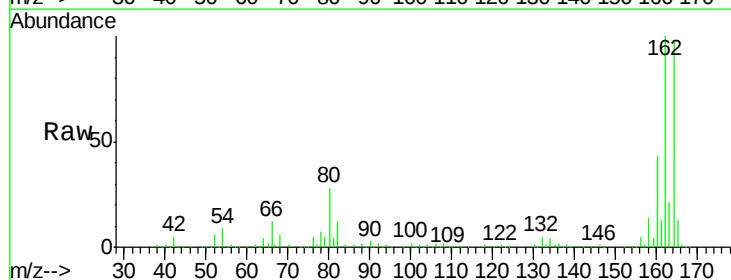
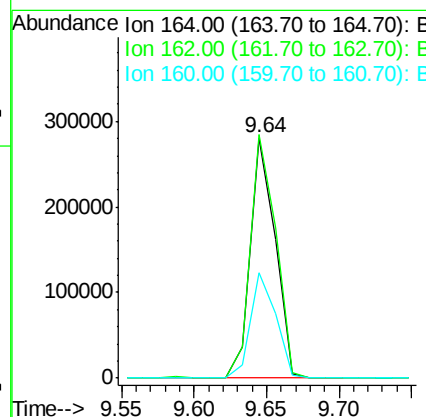
Manual Integrations  
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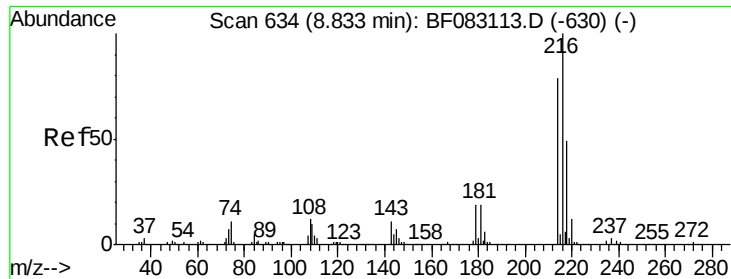
Mmdadoda  
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.64 min Scan# 670  
 Delta R.T. -0.06 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 333120 |       |       |
| 162     | 101.6 |        | 81.2  | 121.8 |
| 160     | 43.9  |        | 35.6  | 53.4  |





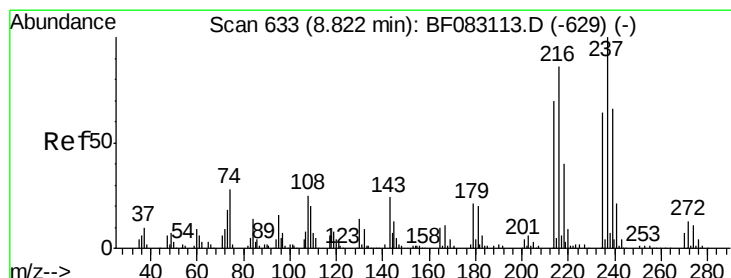
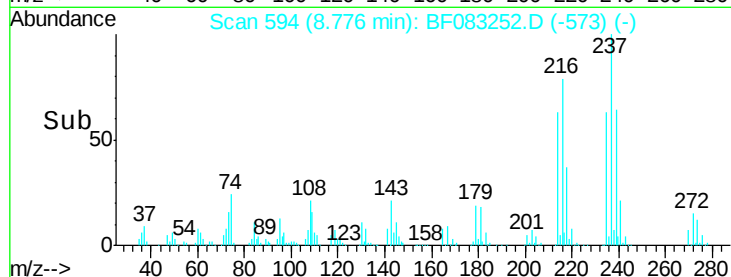
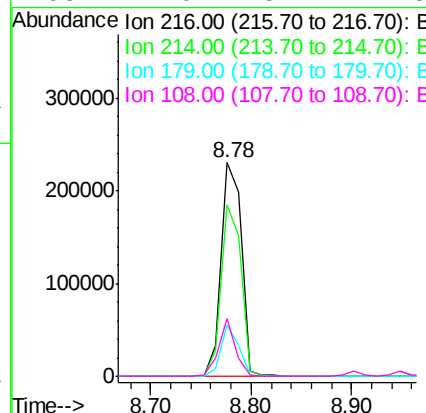
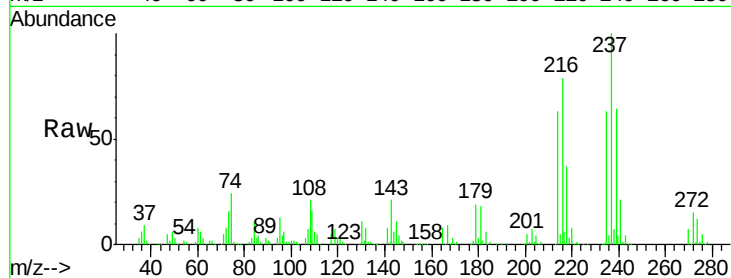
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 30.00 ng  
RT: 8.78 min Scan# 594  
Delta R.T. -0.06 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB86782BS

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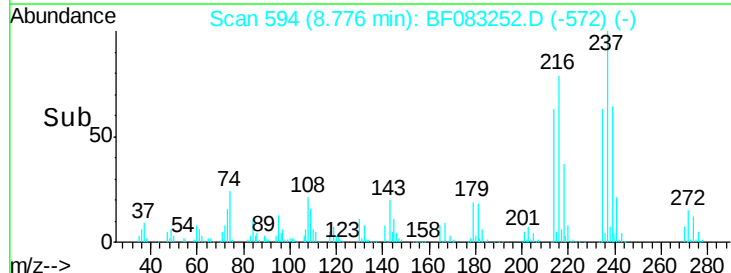
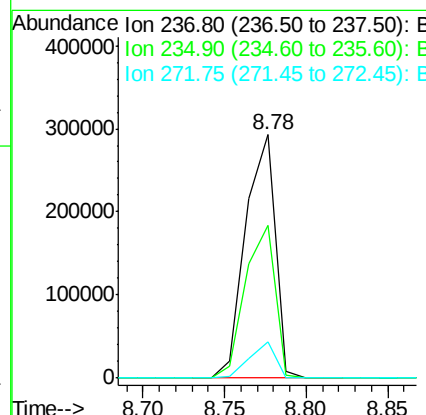
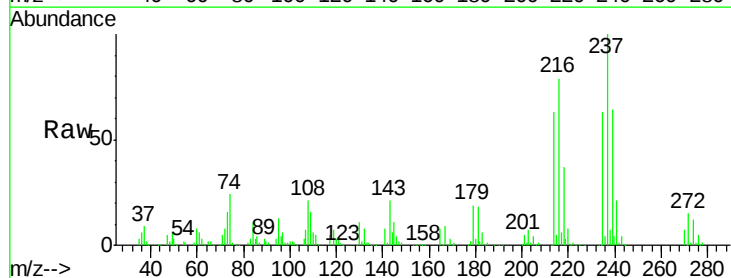
Mmdadoda  
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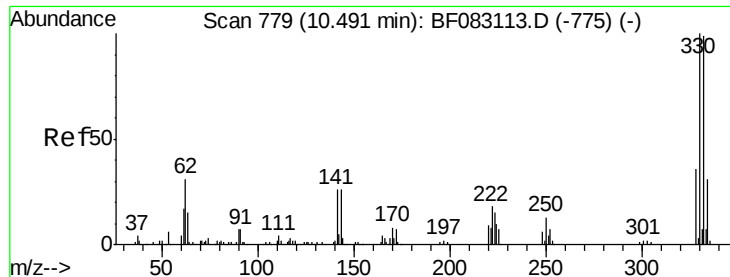
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.4  | 63.8  | 95.8  |
| 179     | 20.6  | 17.0  | 25.6  |
| 108     | 22.0  | 15.2  | 22.8  |



#40  
Hexachlorocyclopentadiene  
Concen: 60.06 ng  
RT: 8.78 min Scan# 594  
Delta R.T. -0.05 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 62.6  | 43.5  | 83.5  |
| 272     | 14.8  | 0.0   | 33.1  |





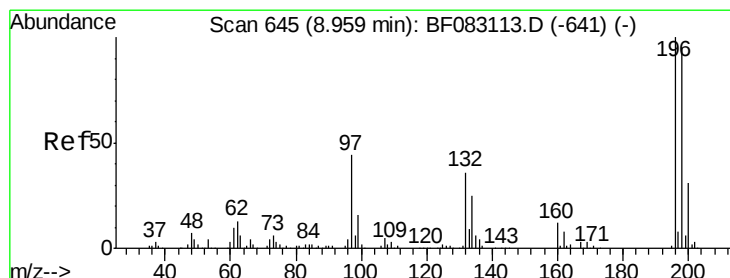
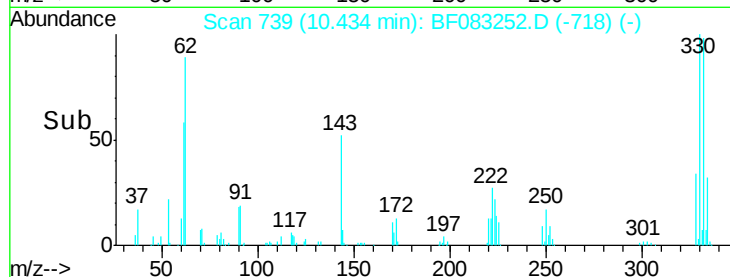
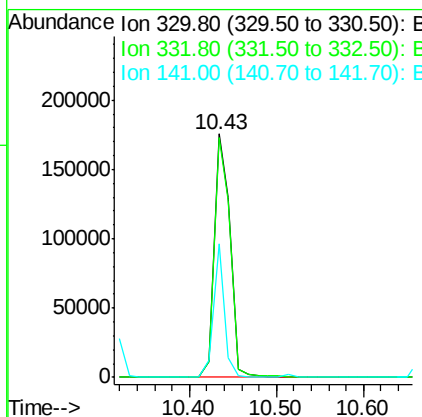
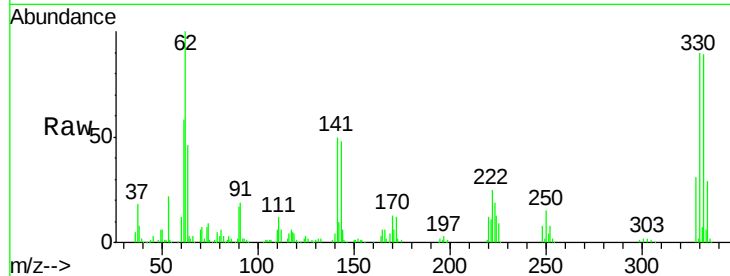
#41  
 2,4,6-Tribromophenol  
 Concen: 65.90 ng  
 RT: 10.43 min Scan# 739  
 Delta R.T. -0.06 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86782BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 224602 |       |       |
| 332     | 99.1  | 77.7   | 116.5 |       |
| 141     | 38.6  | 29.7   | 44.5  |       |

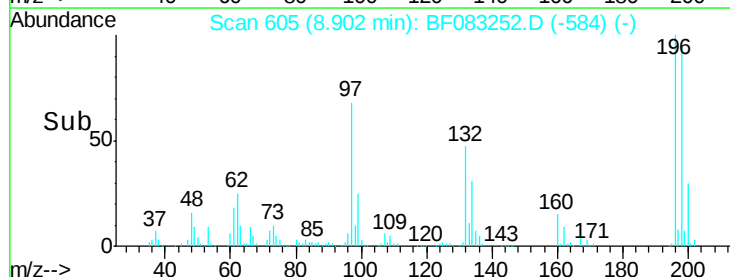
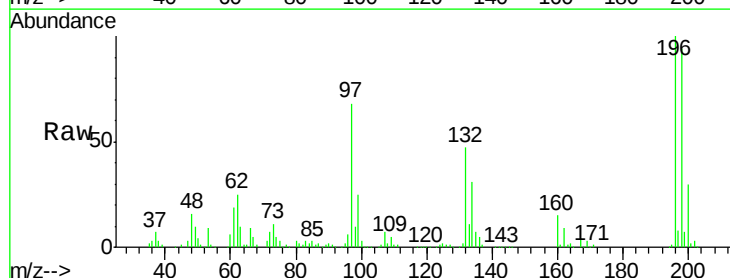
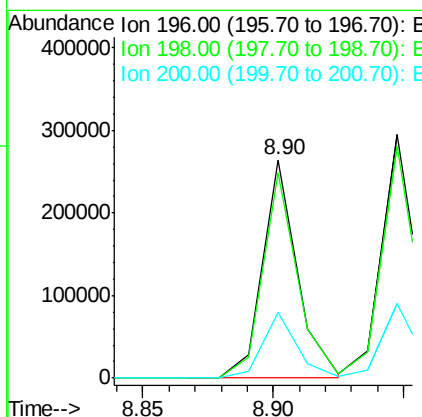
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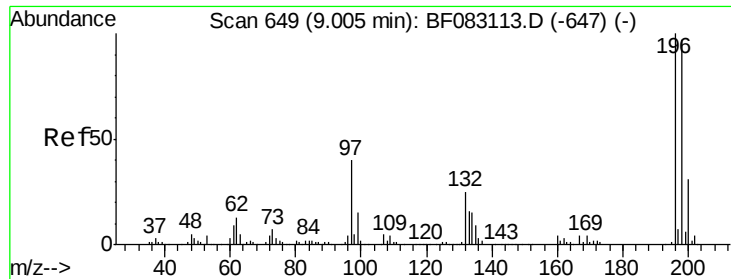
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#42  
 2,4,6-Trichlorophenol  
 Concen: 31.73 ng  
 RT: 8.90 min Scan# 605  
 Delta R.T. -0.06 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

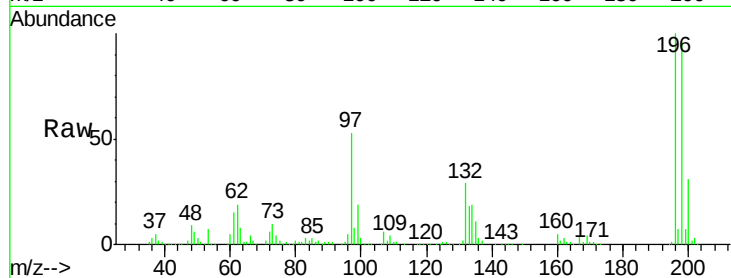
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 245349 |       |       |
| 198     | 94.1  | 75.9   | 113.9 |       |
| 200     | 29.9  | 24.5   | 36.7  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 35.20 ng  
 RT: 8.95 min Scan# 609  
 Delta R.T. -0.06 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

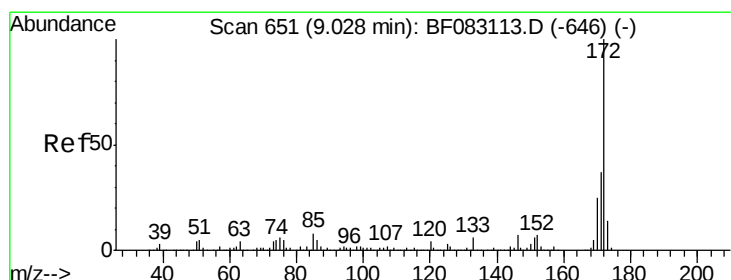
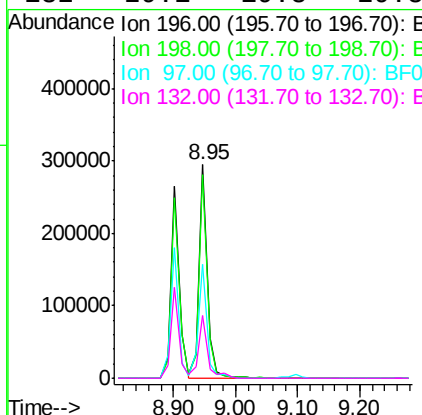
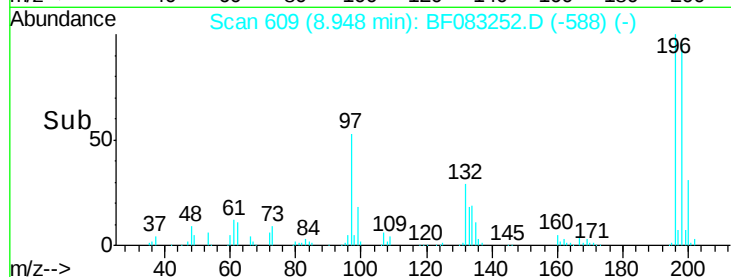
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86782BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 278336 |       |       |
| 198     | 95.6  | 77.6   | 116.4 |       |
| 97      | 53.5  | 32.6   | 48.8# |       |
| 132     | 29.1  | 19.8   | 29.8  |       |

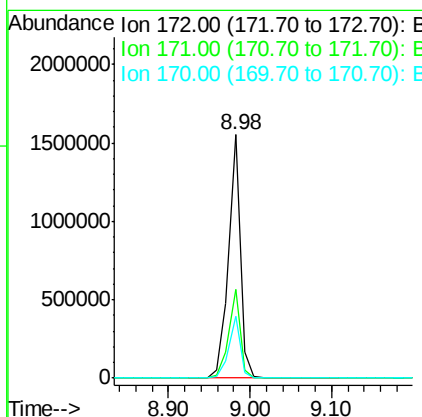
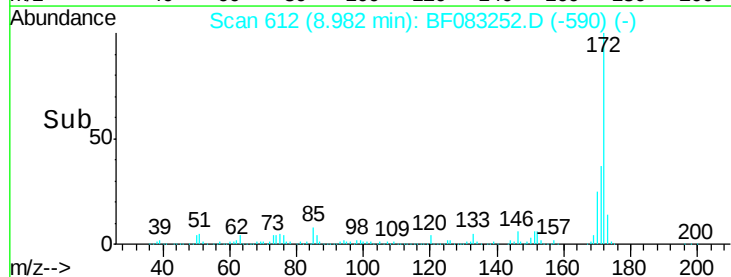
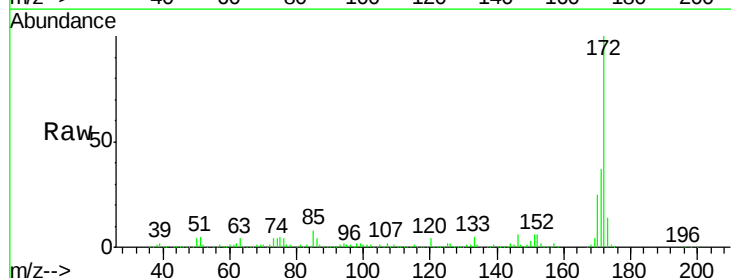
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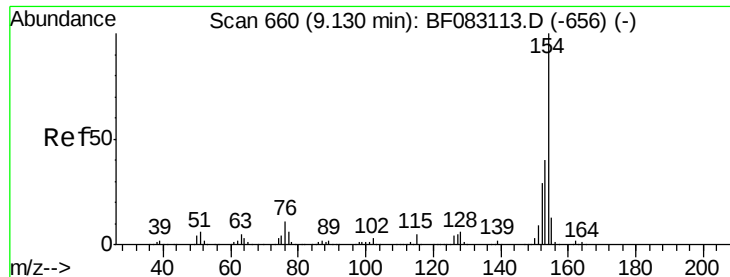
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#44  
 2-Fluorobiphenyl  
 Concen: 65.06 ng  
 RT: 8.98 min Scan# 612  
 Delta R.T. -0.05 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1554167 |       |       |
| 171     | 36.7  | 29.5    | 44.3  |       |
| 170     | 25.2  | 19.9    | 29.9  |       |





#45

1,1'-Biphenyl

Concen: 30.84 ng

RT: 9.07 min Scan# 620

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

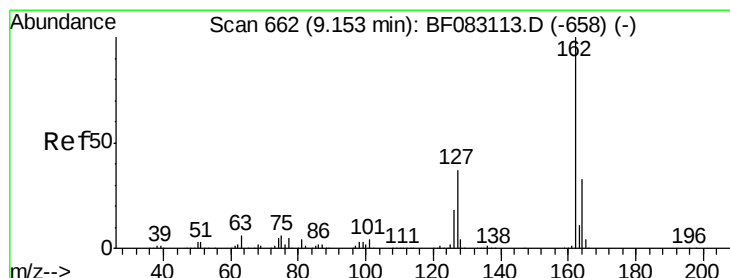
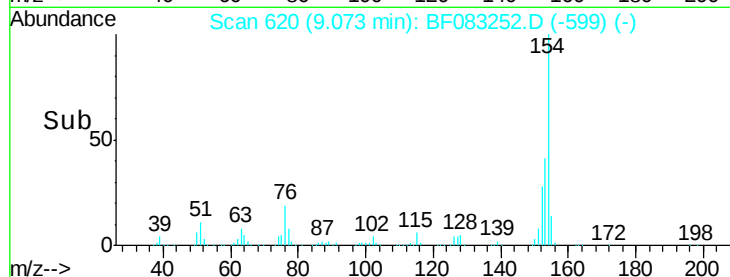
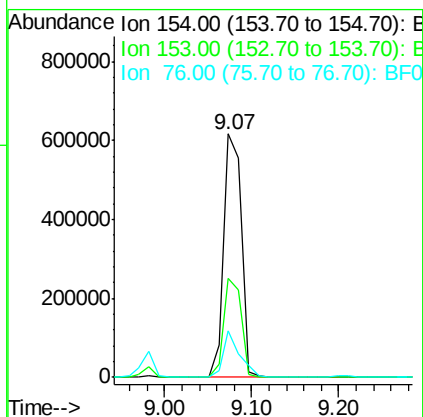
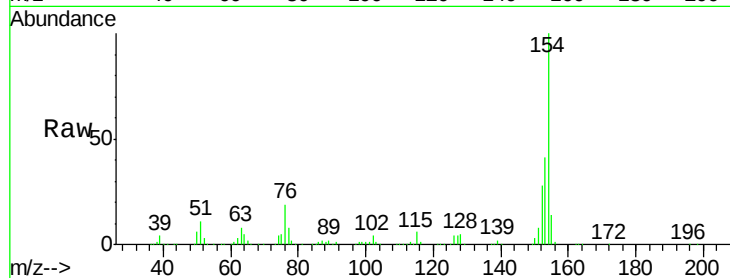
ClientSampleId :

PB86782BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 874427 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.7  | 20.5  | 60.5   |
| 76        | 19.0  | 0.0   | 31.2   |

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#46

2-Chloronaphthalene

Concen: 31.67 ng

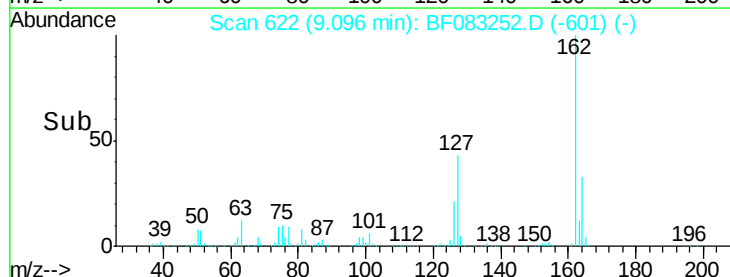
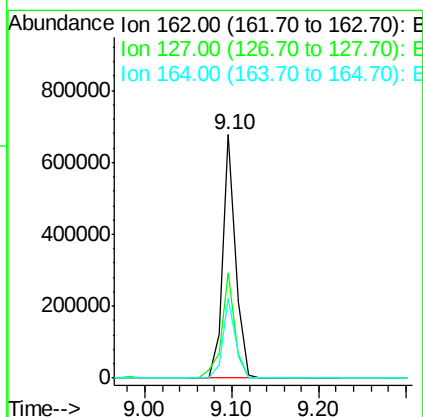
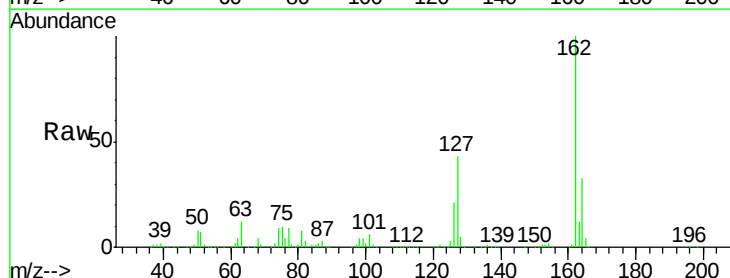
RT: 9.10 min Scan# 622

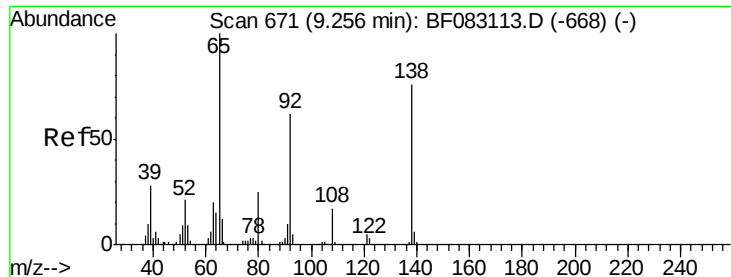
Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 705171 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 43.1  | 29.4  | 44.2   |
| 164       | 33.0  | 26.2  | 39.4   |





#47

2-Nitroaniline

Concen: 35.16 ng

RT: 9.21 min Scan# 632

Delta R.T. -0.05 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

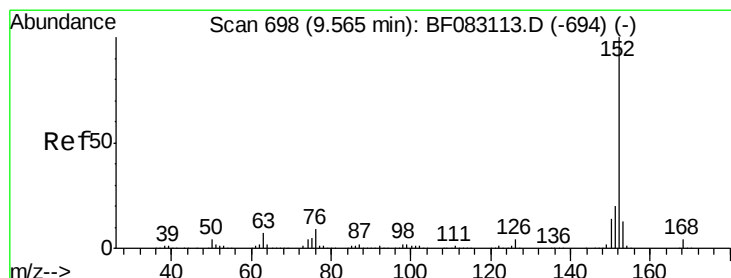
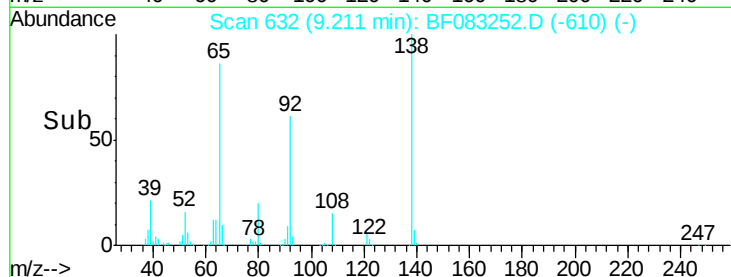
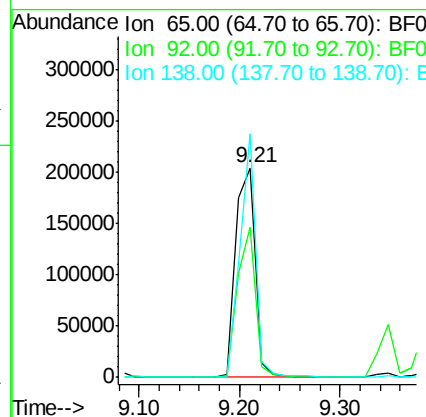
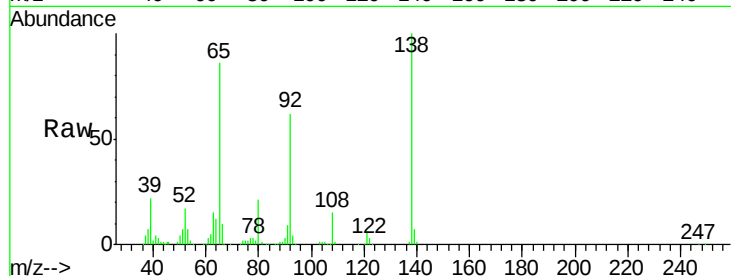
ClientSampleId :

PB86782BS

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 277016 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 71.6  | 49.5  | 74.3   |
| 138       | 116.3 | 60.7  | 91.1#  |



#48

Acenaphthylene

Concen: 32.44 ng

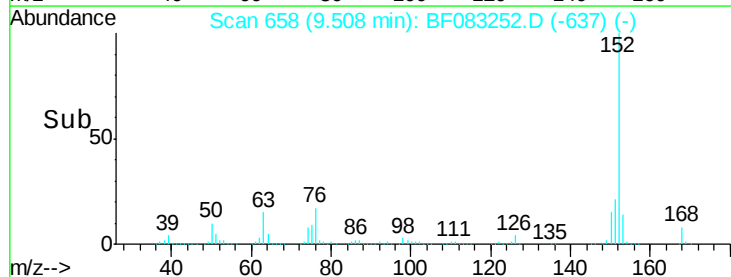
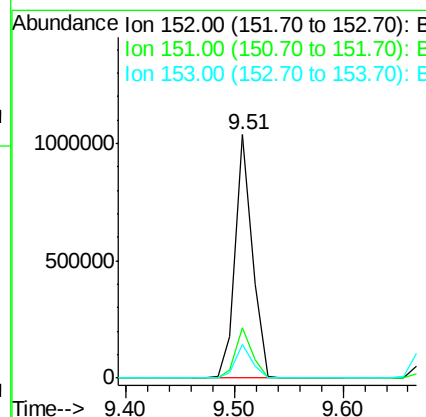
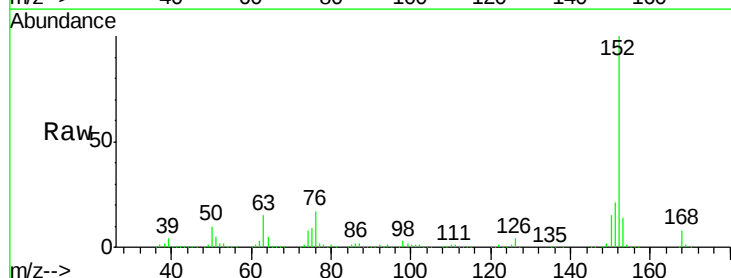
RT: 9.51 min Scan# 658

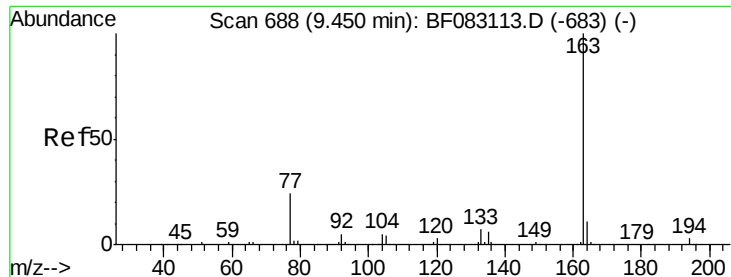
Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 152   | Resp: | 1119648 |
| Ion Ratio | Lower | Upper |         |
| 152       | 100   |       |         |
| 151       | 20.5  | 16.3  | 24.5    |
| 153       | 13.6  | 10.8  | 16.2    |





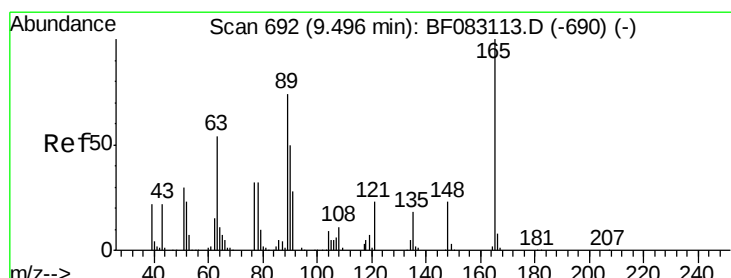
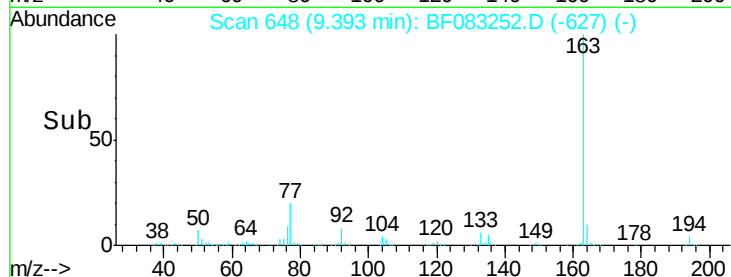
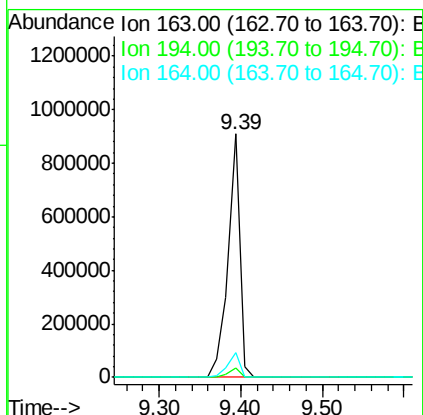
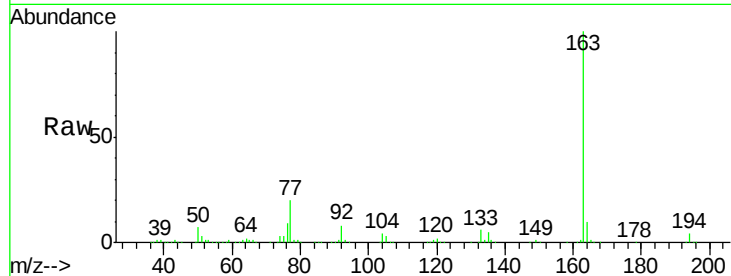
#49  
Dimethylphthalate  
Concen: 35.46 ng  
RT: 9.39 min Scan# 648  
Delta R.T. -0.06 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB86782BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.6   | 2.6        | 4.0        |
| 164     | 10.2  | 8.6        | 12.8       |

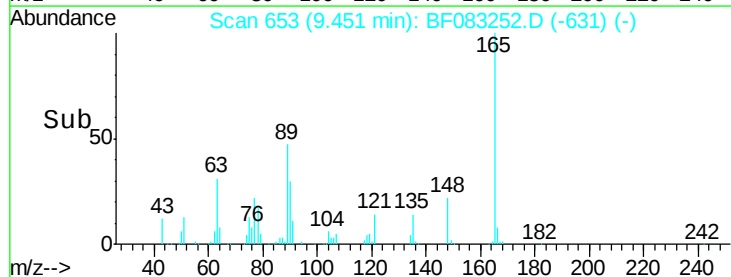
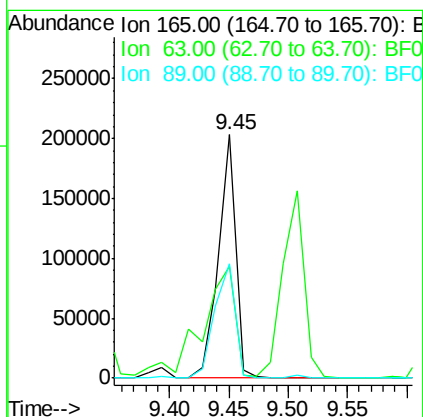
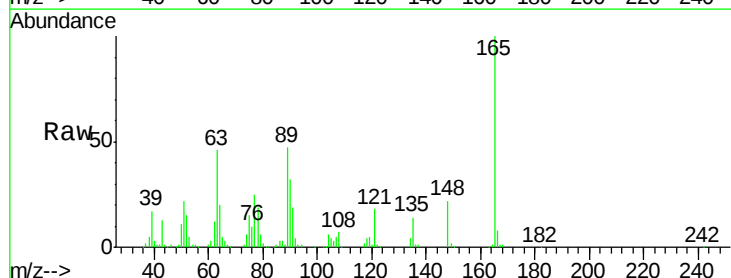
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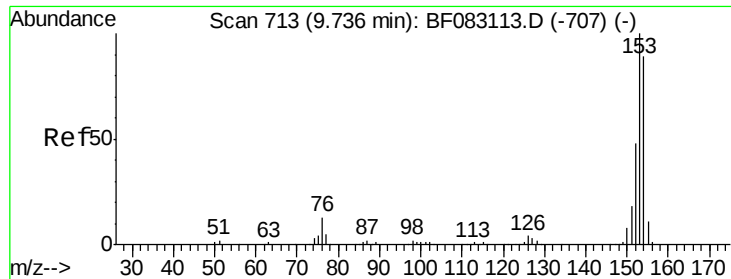
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#50  
2,6-Dinitrotoluene  
Concen: 35.30 ng  
RT: 9.45 min Scan# 653  
Delta R.T. -0.05 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 45.8  | 62.5       | 93.7#      |
| 89      | 47.0  | 59.1       | 88.7#      |





#51

Acenaphthene

Concen: 31.44 ng m

RT: 9.68 min Scan# 673

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

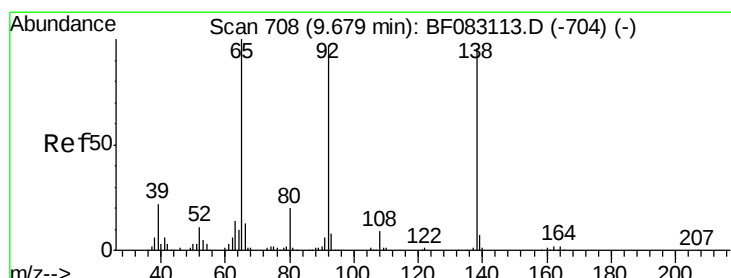
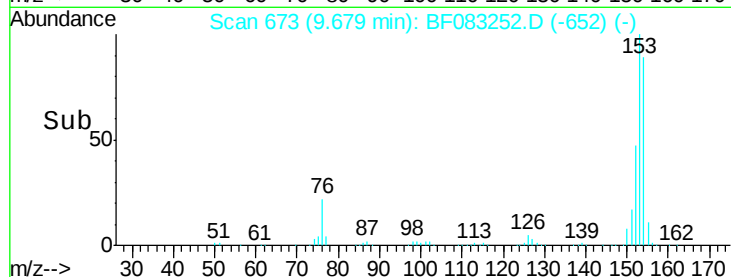
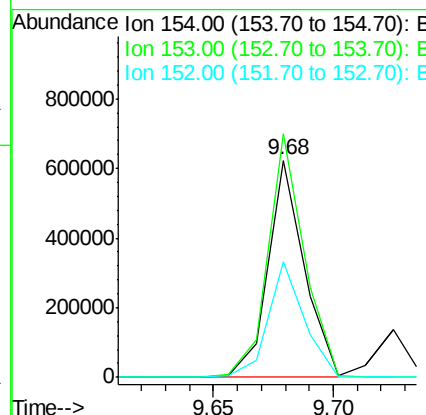
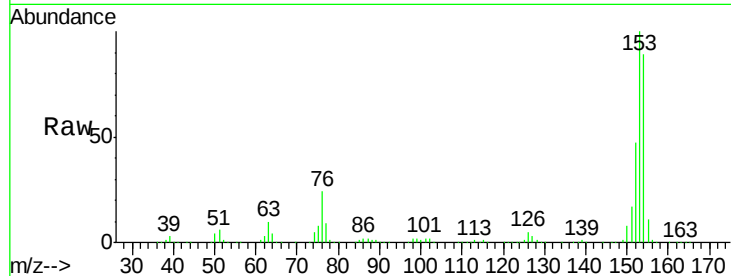
ClientSampleId :

PB86782BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 660336 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 112.2 | 89.6  | 134.4  |
| 152       | 53.1  | 43.3  | 64.9   |

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#52

3-Nitroaniline

Concen: 15.16 ng

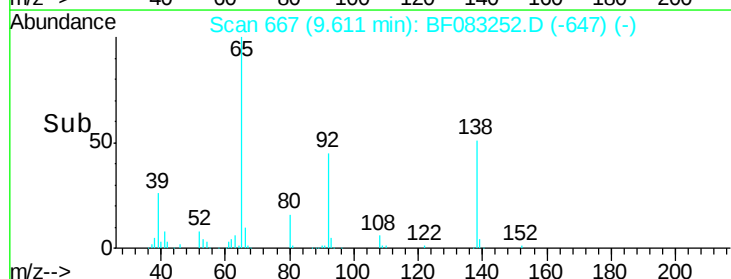
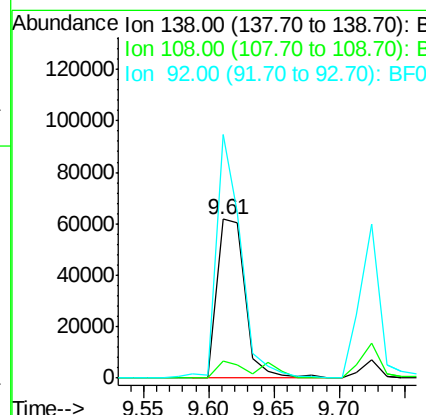
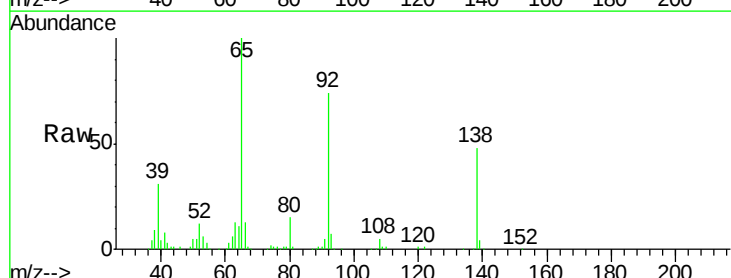
RT: 9.61 min Scan# 667

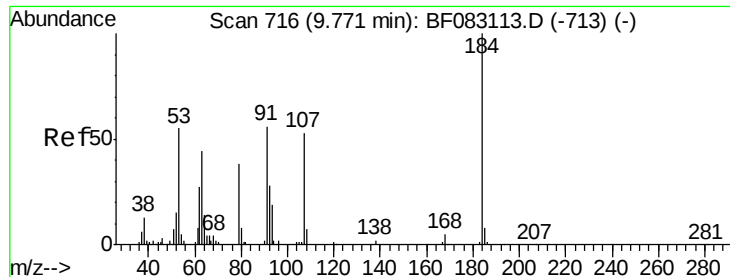
Delta R.T. -0.07 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 93005  |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.9  | 7.8   | 11.6   |
| 92        | 153.4 | 81.1  | 121.7# |





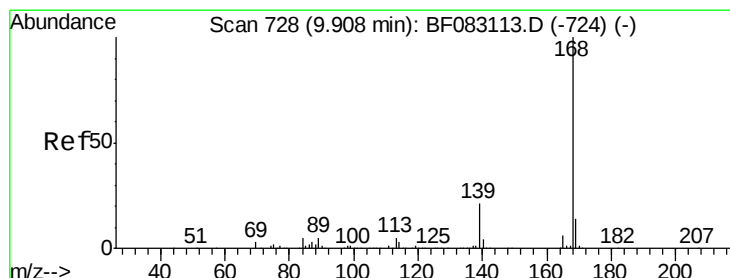
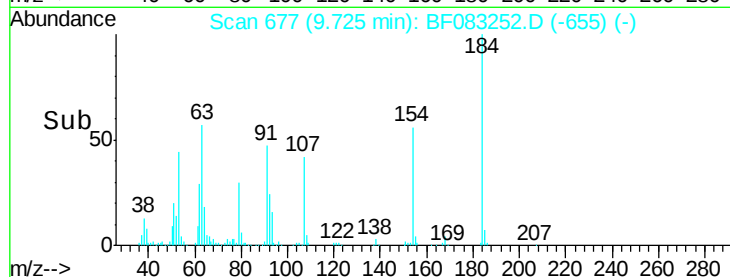
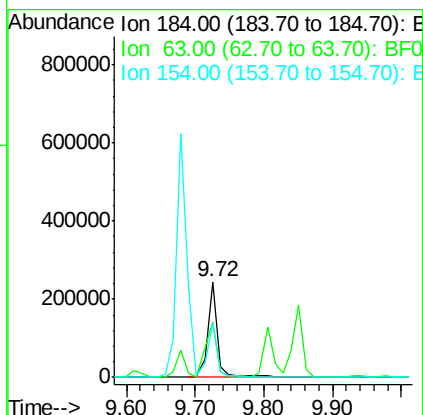
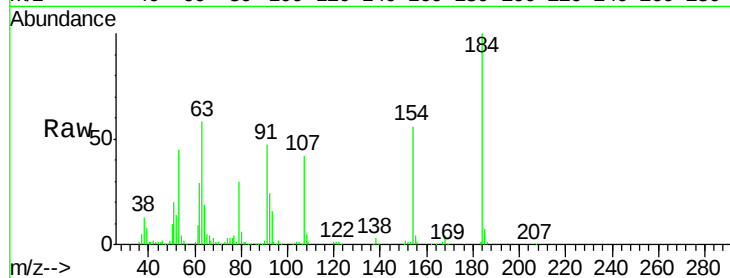
#53  
2,4-Dinitrophenol  
Concen: 72.29 ng  
RT: 9.72 min Scan# 677  
Delta R.T. -0.05 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB86782BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 239657 |       |       |
| 63      | 57.9  | 60.5   | 90.7# |       |
| 154     | 56.5  | 54.3   | 81.5  |       |

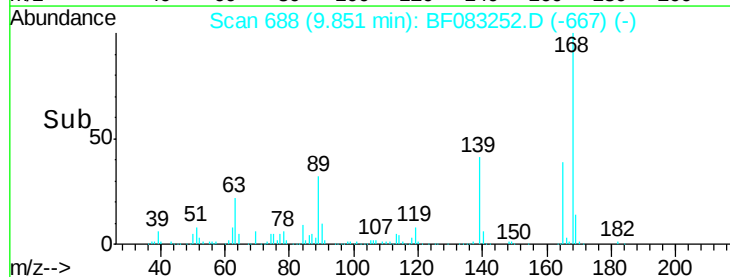
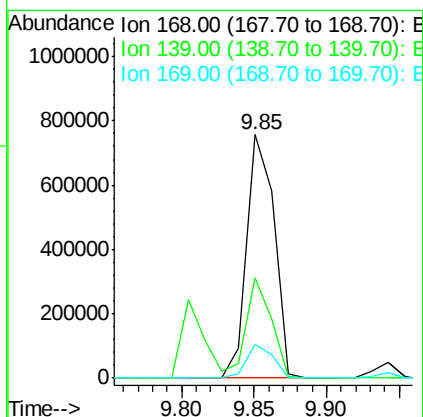
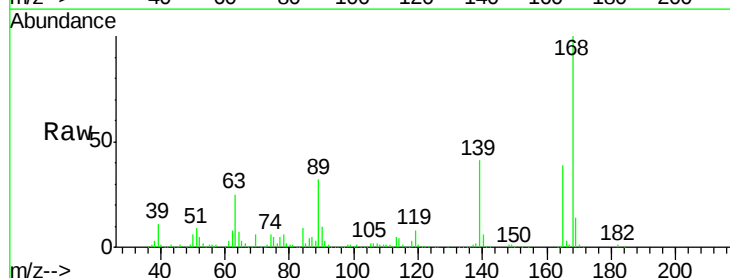
Manual Integrations  
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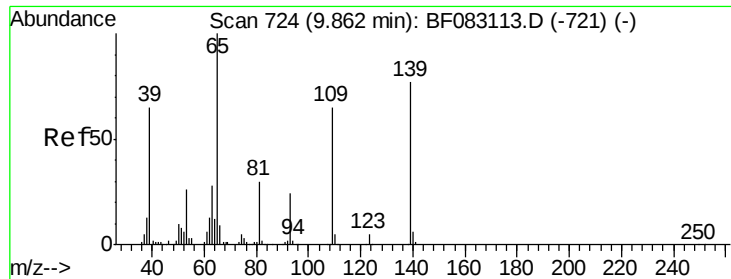
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11/25/2015 12:54:38 PM



#54  
Dibenzofuran  
Concen: 33.46 ng  
RT: 9.85 min Scan# 688  
Delta R.T. -0.06 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 993730 |       |       |
| 139     | 41.3  | 30.2   | 45.2  |       |
| 169     | 14.0  | 10.9   | 16.3  |       |





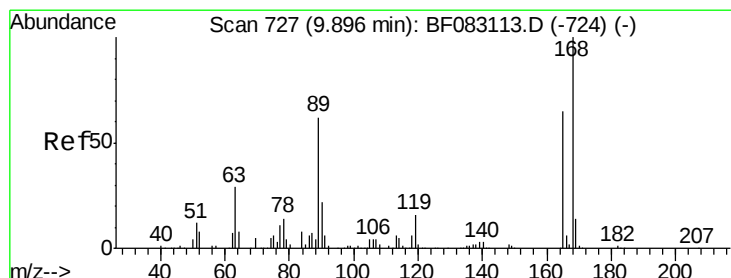
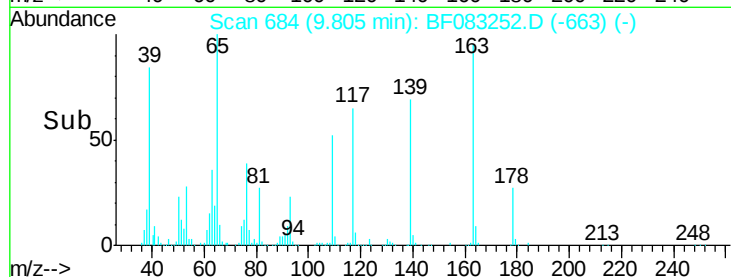
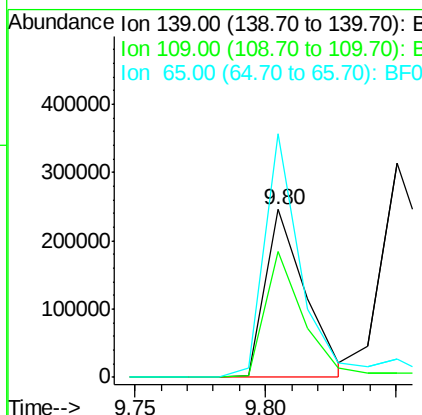
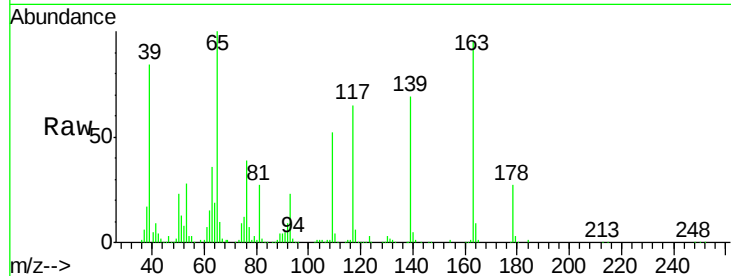
#55  
4-Nitrophenol  
Concen: 55.93 ng  
RT: 9.80 min Scan# 684  
Delta R.T. -0.06 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB86782BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 263152 |       |       |
| 109     | 74.9  | 64.0   | 104.0 |       |
| 65      | 145.3 | 109.5  | 149.5 |       |

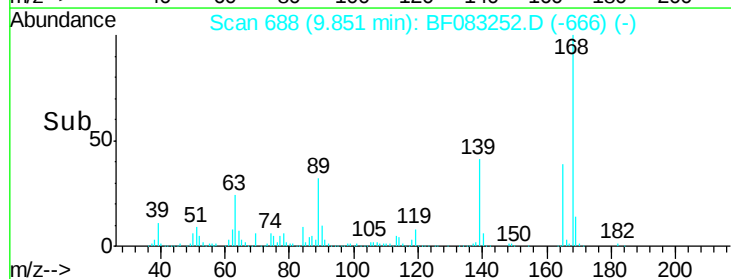
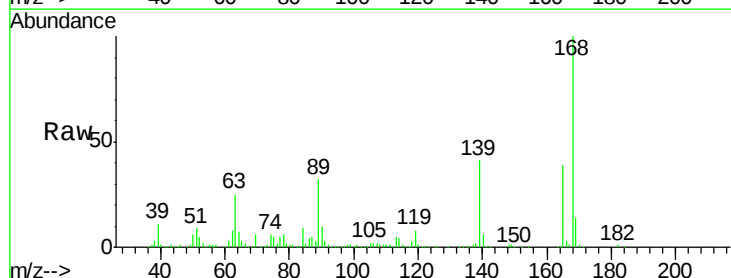
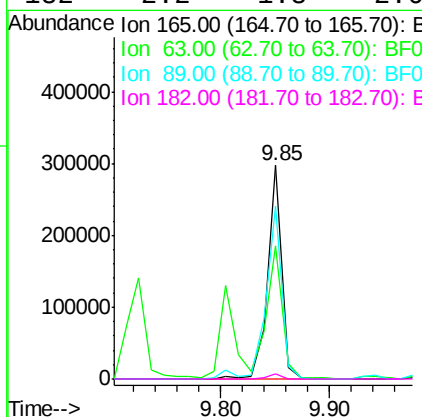
Manual Integrations  
APPROVED

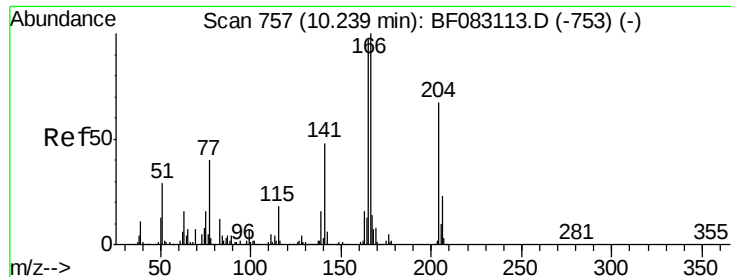
Mmdadoda  
11/25/2015 12:54:38 PM



#56  
2,4-Dinitrotoluene  
Concen: 37.00 ng  
RT: 9.85 min Scan# 688  
Delta R.T. -0.05 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 269756 |       |       |
| 63      | 62.4  | 54.5   | 81.7  |       |
| 89      | 81.1  | 77.3   | 115.9 |       |
| 182     | 2.2   | 1.8    | 2.6   |       |





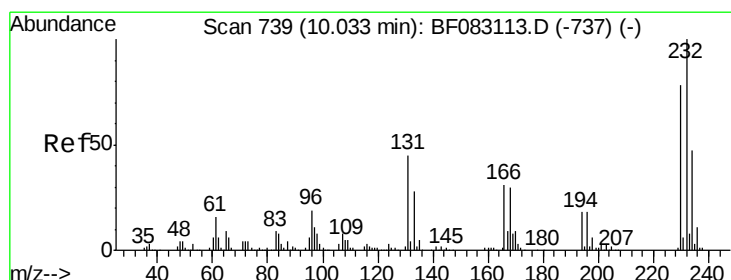
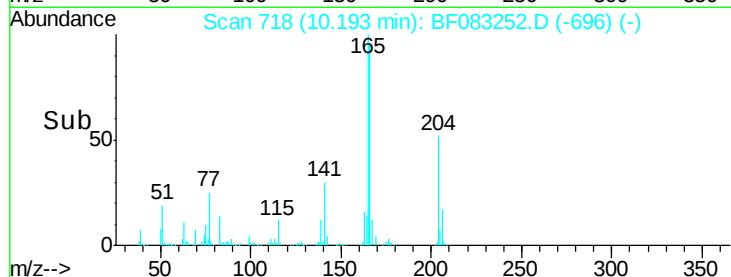
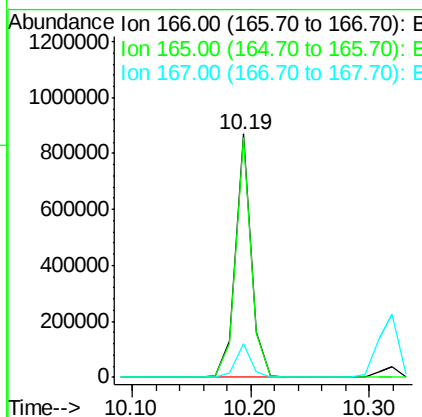
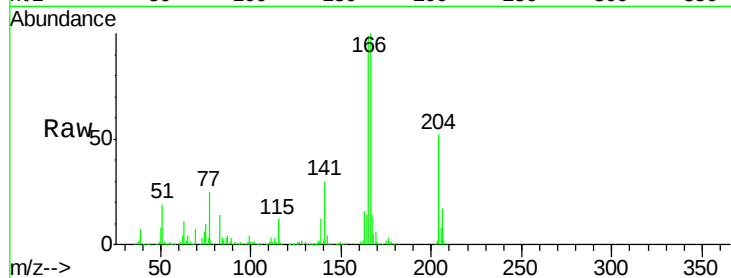
#57  
**Fluorene**  
 Concen: 33.00 ng  
 RT: 10.19 min Scan# 718  
 Delta R.T. -0.05 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86782BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 810031 |       |       |
| 165     | 98.5  | 78.0   | 117.0 |       |
| 167     | 13.8  | 11.3   | 16.9  |       |

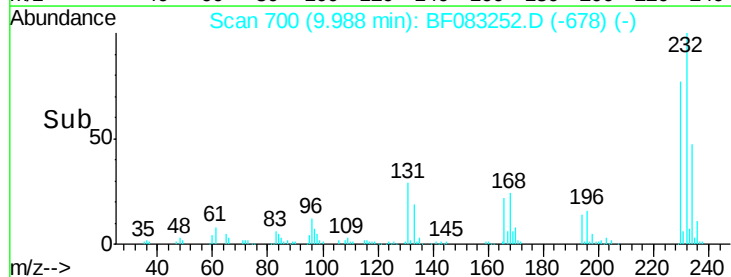
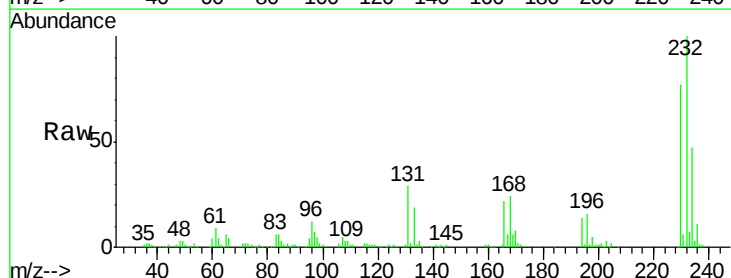
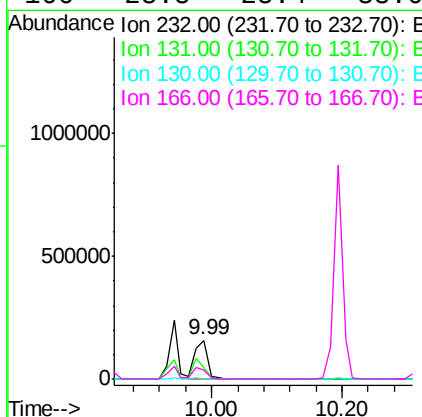
Manual Integrations  
 APPROVED

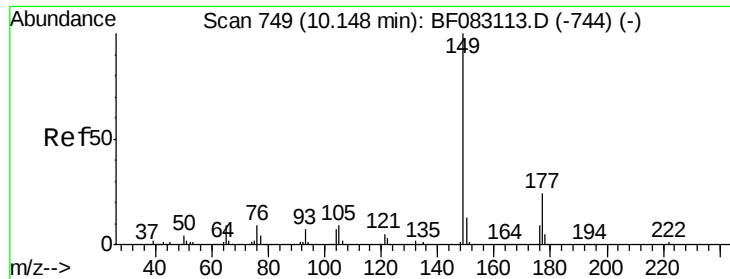
Mmdadoda  
 11/25/2015 12:54:38 PM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 32.60 ng  
 RT: 9.99 min Scan# 700  
 Delta R.T. -0.05 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 211466 |       |       |
| 131     | 46.6  | 38.6   | 57.8  |       |
| 130     | 2.1   | 1.9    | 2.9   |       |
| 166     | 28.5  | 25.4   | 38.0  |       |





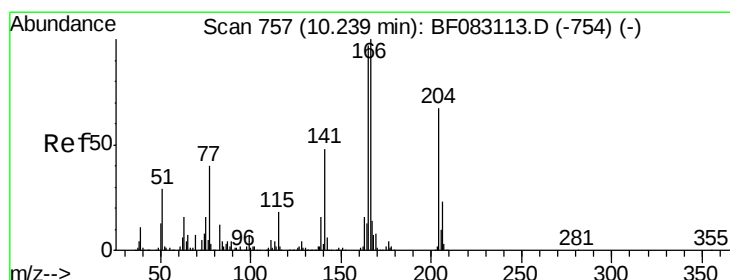
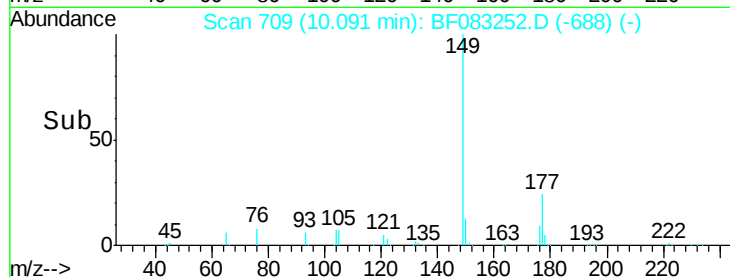
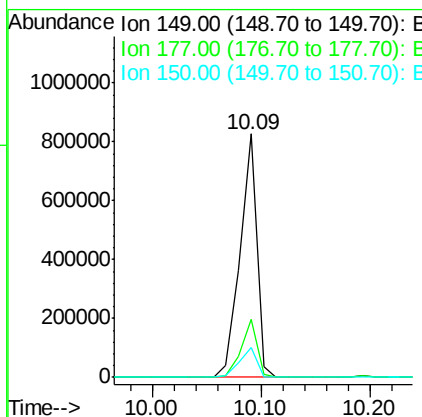
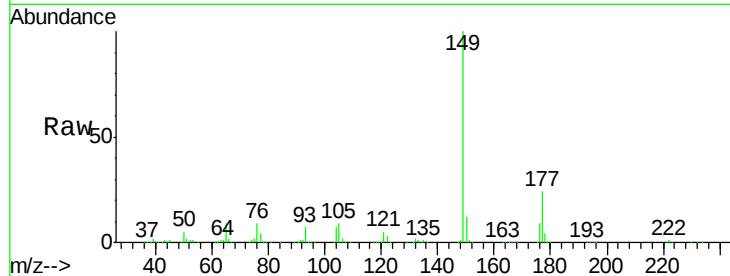
#59  
Diethylphthalate  
Concen: 34.22 ng  
RT: 10.09 min Scan# 709  
Delta R.T. -0.06 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB86782BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 873681 |       |       |
| 177     | 23.8  | 19.4   | 29.2  |       |
| 150     | 12.5  | 10.2   | 15.2  |       |

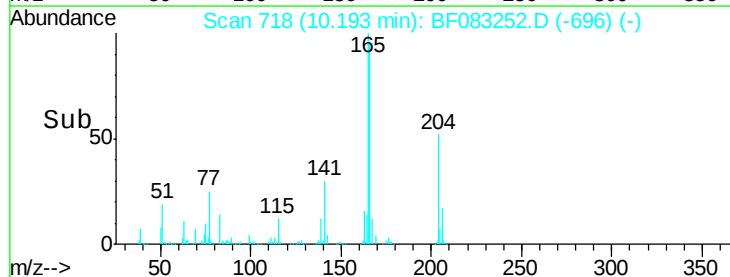
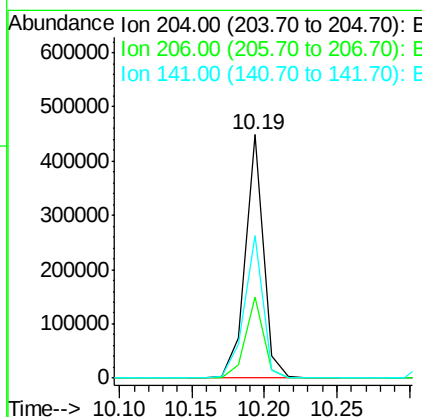
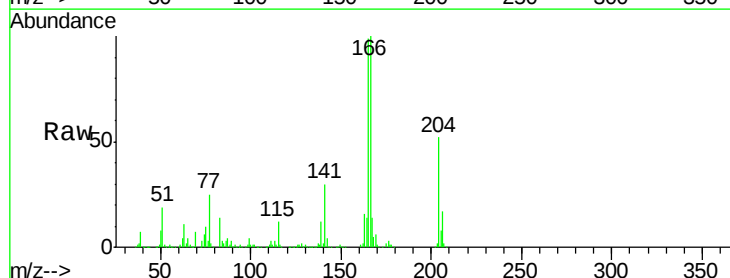
Manual Integrations  
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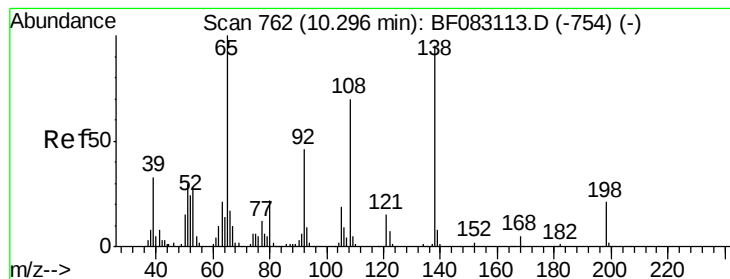
Mmdadoda  
11/25/2015 12:54:38 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 34.88 ng  
RT: 10.19 min Scan# 718  
Delta R.T. -0.05 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 392107 |       |       |
| 206     | 33.1  | 27.4   | 41.0  |       |
| 141     | 58.6  | 57.4   | 86.2  |       |





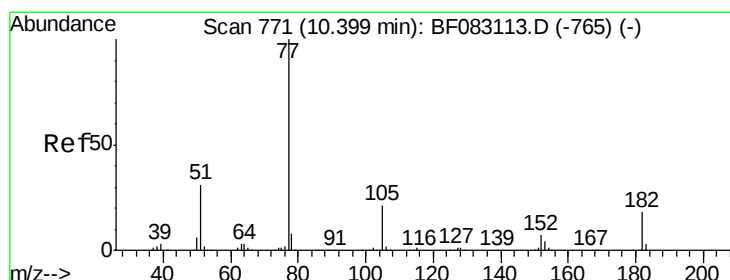
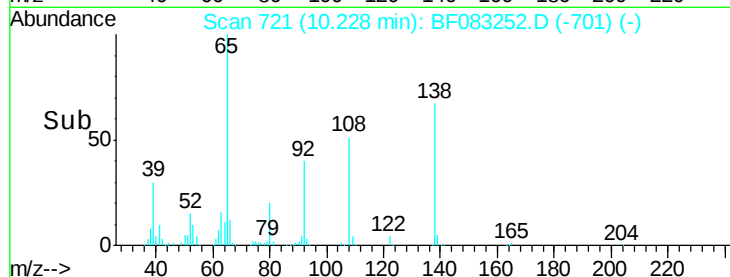
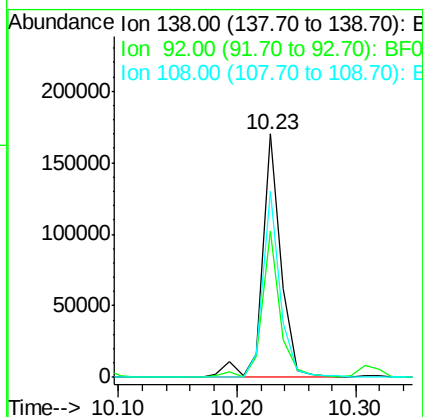
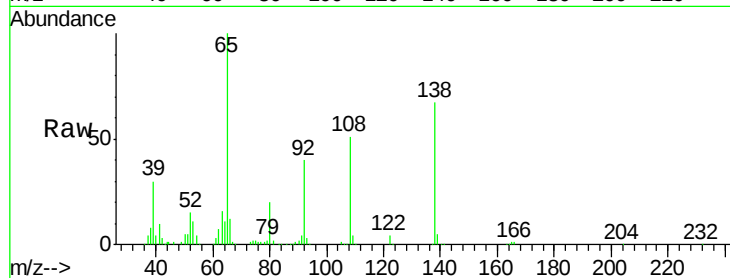
#61  
4-Nitroaniline  
Concen: 30.71 ng  
RT: 10.23 min Scan# 721  
Delta R.T. -0.07 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB86782BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 138     | 100   | 185476 |       |       |
| 92      | 60.1  | 28.4   | 68.4  |       |
| 108     | 76.2  | 53.5   | 93.5  |       |

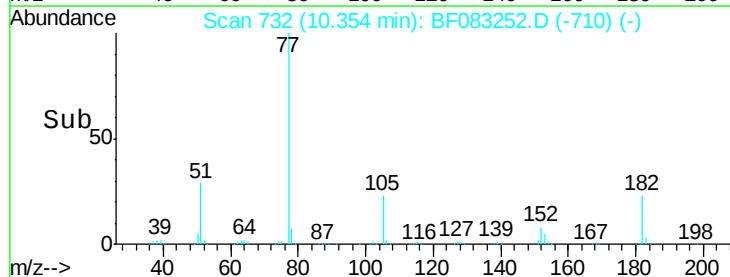
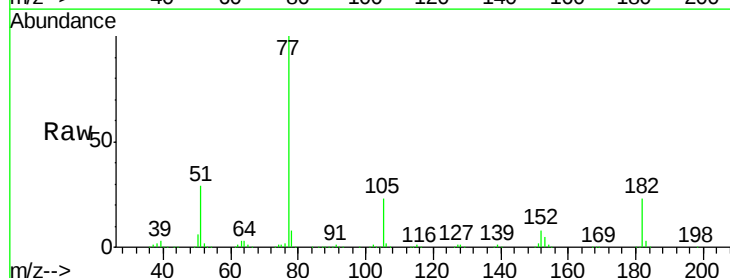
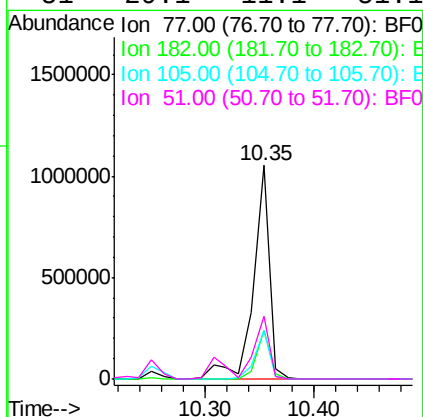
Manual Integrations  
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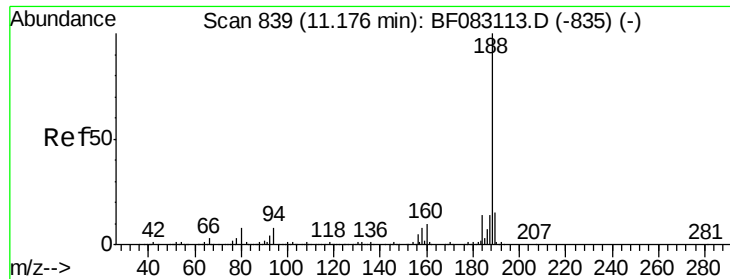
Mmdadoda  
11/25/2015 12:54:38 PM



#62  
Azobenzene  
Concen: 37.41 ng  
RT: 10.35 min Scan# 732  
Delta R.T. -0.05 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 77      | 100   | 1090022 |       |       |
| 182     | 22.6  | 0.0     | 38.3  |       |
| 105     | 23.0  | 1.2     | 41.2  |       |
| 51      | 29.1  | 11.1    | 51.1  |       |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 799

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

ClientSampleId :

PB86782BS

Tgt Ion:188 Resp: 638754  
Ion Ratio Lower Upper

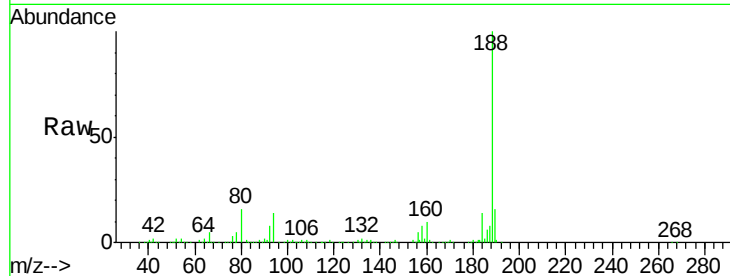
188 100

94 14.0 6.0 9.0#

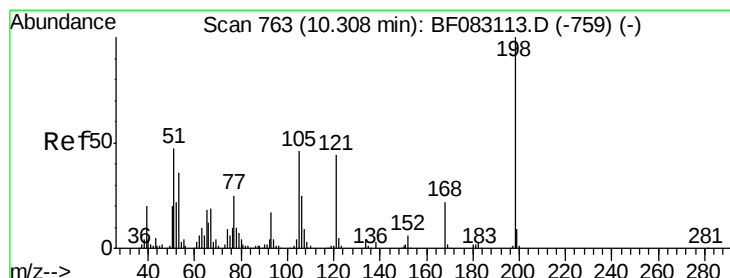
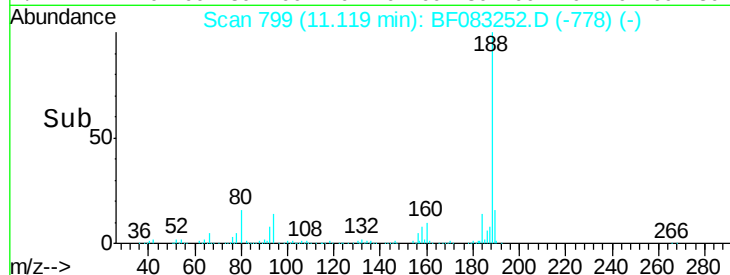
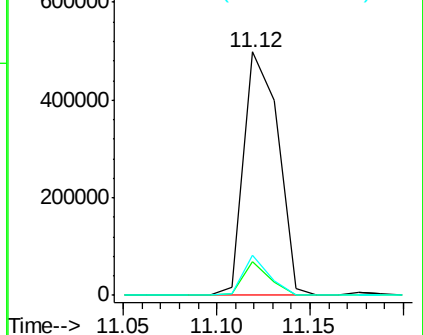
80 16.4 6.7 10.1#

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11/25/2015 12:54:38 PM



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



#64

4,6-Dinitro-2-methylphenol

Concen: 32.32 ng

RT: 10.25 min Scan# 723

Delta R.T. -0.06 min

Lab File: BF083252.D

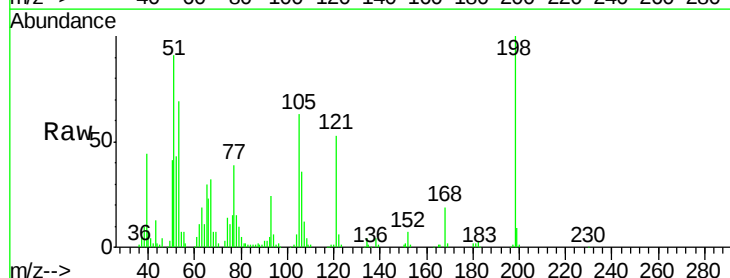
Acq: 24 Nov 2015 22:39

Tgt Ion:198 Resp: 142259  
Ion Ratio Lower Upper

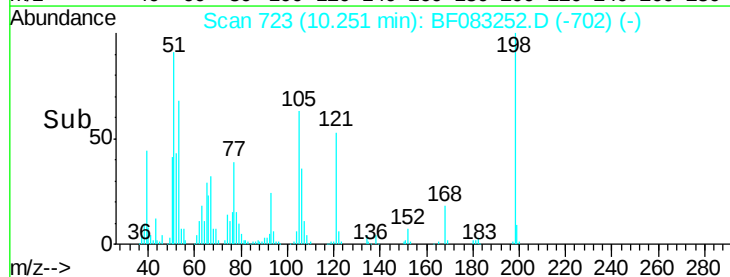
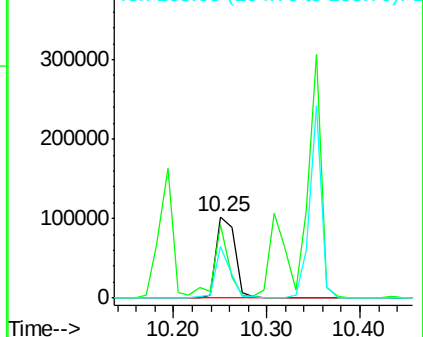
198 100

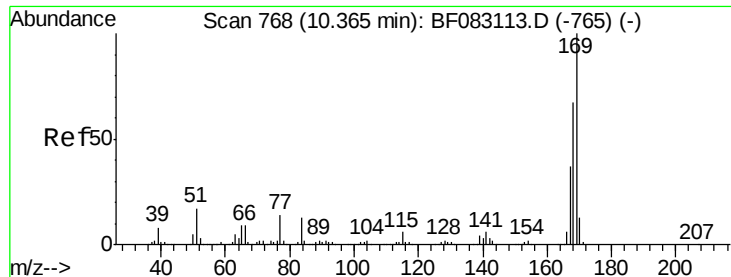
51 91.1 27.0 67.0#

105 63.4 26.1 66.1



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 105.00 (104.70 to 105.70): E





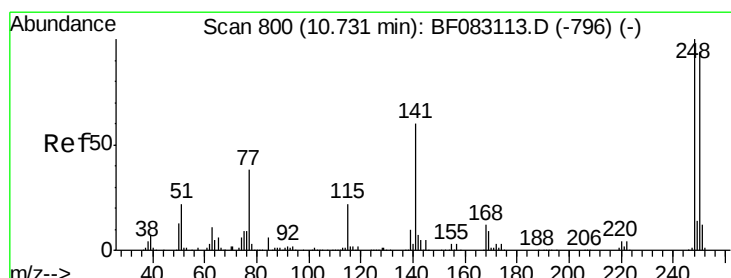
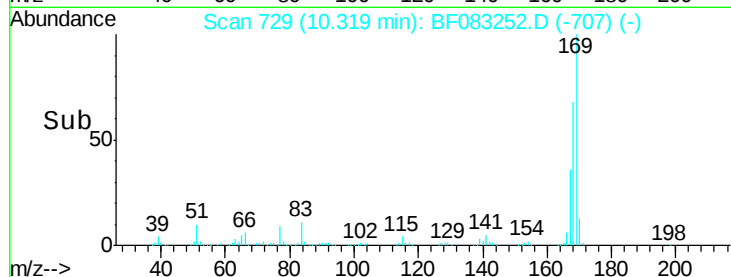
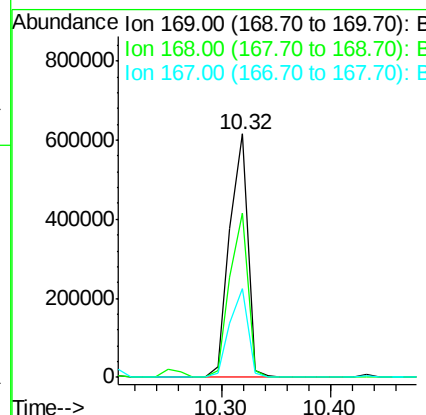
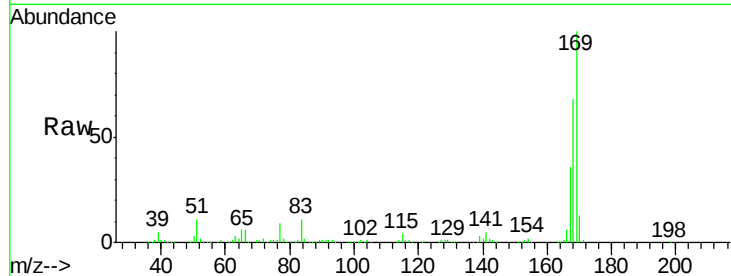
#65  
 n-Nitrosodiphenylamine  
 Concen: 33.05 ng  
 RT: 10.32 min Scan# 729  
 Delta R.T. -0.05 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86782BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 717996 |       |       |
| 168     | 67.7  | 53.8   | 80.6  |       |
| 167     | 36.5  | 29.8   | 44.8  |       |

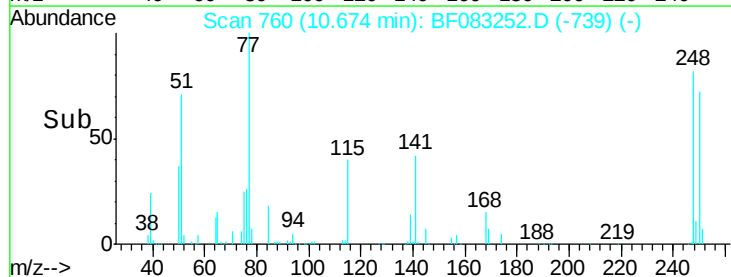
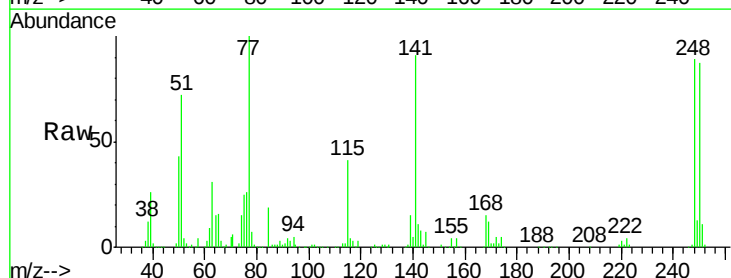
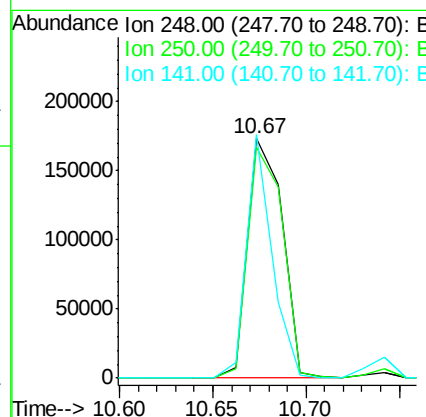
Manual Integrations  
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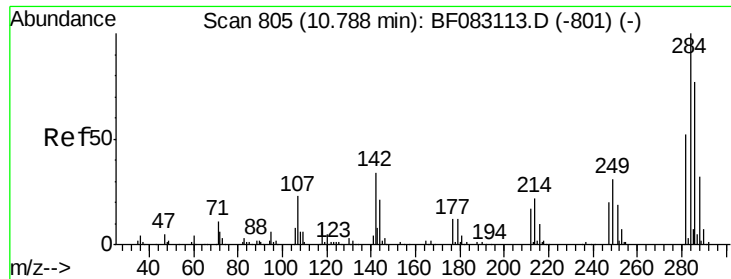
Mmdadoda  
 11/25/2015 12:54:38 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 31.58 ng  
 RT: 10.67 min Scan# 760  
 Delta R.T. -0.06 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 223823 |       |       |
| 250     | 96.7  | 75.4   | 113.2 |       |
| 141     | 101.7 | 48.1   | 72.1# |       |





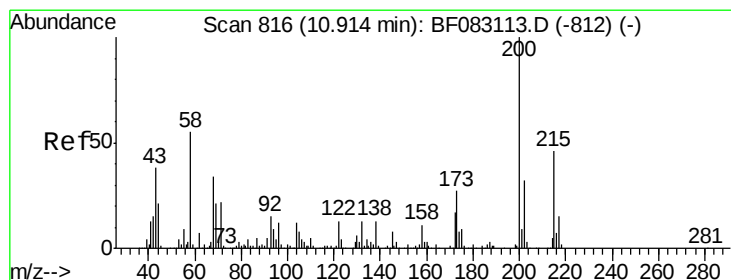
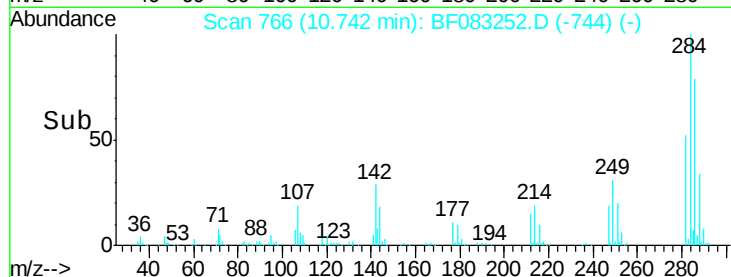
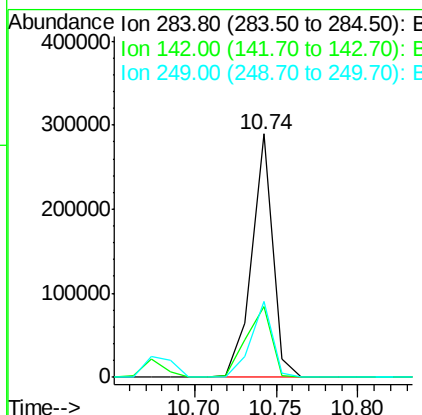
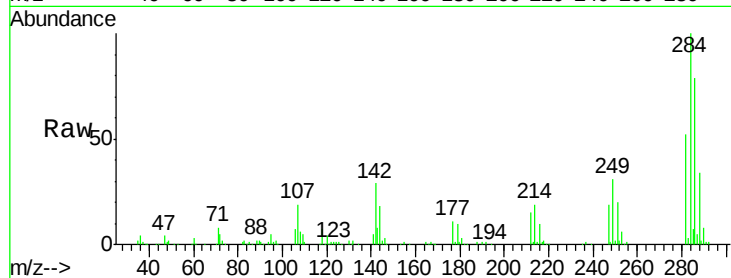
#67  
Hexachlorobenzene  
Concen: 33.28 ng  
RT: 10.74 min Scan# 766  
Delta R.T. -0.05 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB86782BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 259757 |       |       |
| 142     | 29.1  | 27.6   | 41.4  |       |
| 249     | 31.2  | 25.5   | 38.3  |       |

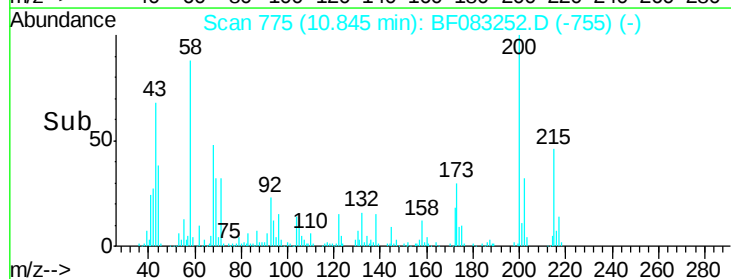
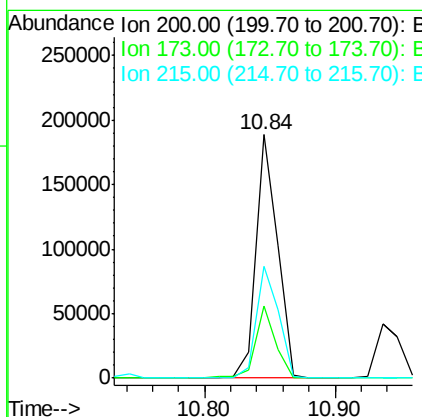
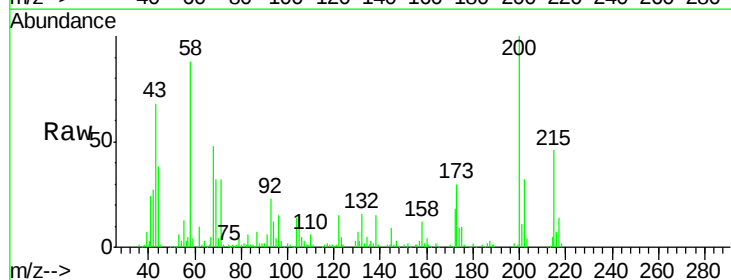
Manual Integrations  
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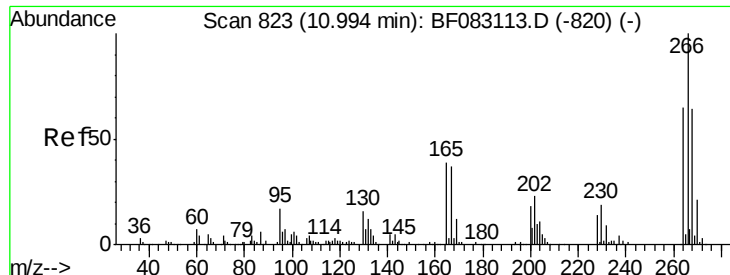
Mmdadoda  
11/25/2015 12:54:38 PM



#68  
Atrazine  
Concen: 34.39 ng  
RT: 10.84 min Scan# 775  
Delta R.T. -0.07 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 216977 |       |       |
| 173     | 29.6  | 7.2    | 47.2  |       |
| 215     | 45.8  | 25.7   | 65.7  |       |





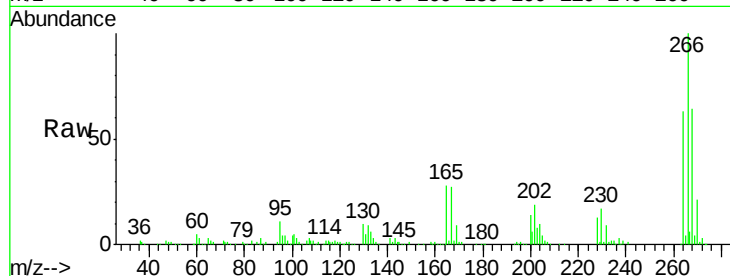
#69  
 Pentachlorophenol  
 Concen: 57.64 ng  
 RT: 10.95 min Scan# 784  
 Delta R.T. -0.05 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86782BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 293070 |       |       |
| 268     | 64.5  | 51.4   | 77.0  |       |
| 264     | 62.8  | 51.7   | 77.5  |       |

Manual Integrations  
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 11/25/2015 12:54:38 PM

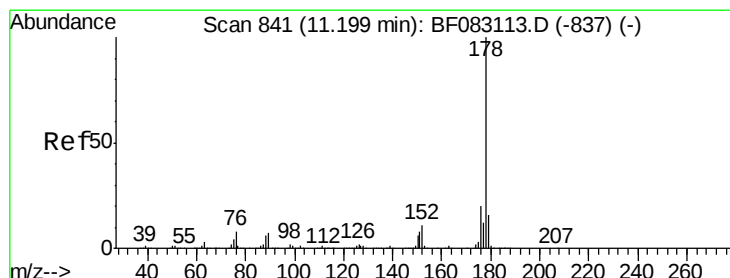
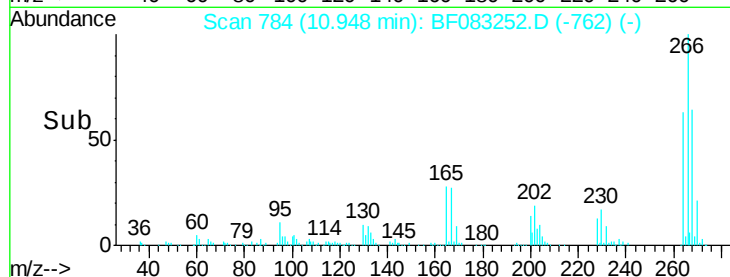
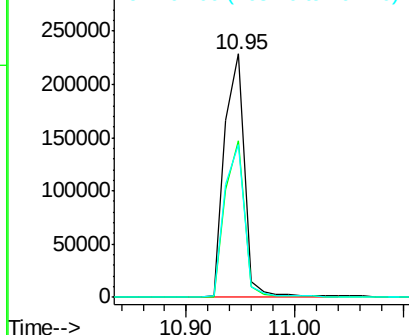


Abundance

Ion 265.70 (265.40 to 266.40): E

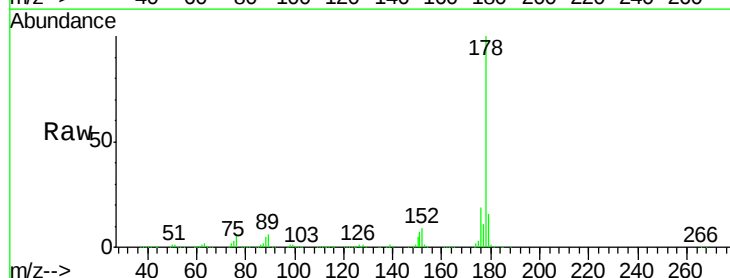
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 34.04 ng  
 RT: 11.15 min Scan# 802  
 Delta R.T. -0.05 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1252831 |       |       |
| 176     | 19.1  | 16.2    | 24.2  |       |
| 179     | 15.5  | 12.8    | 19.2  |       |

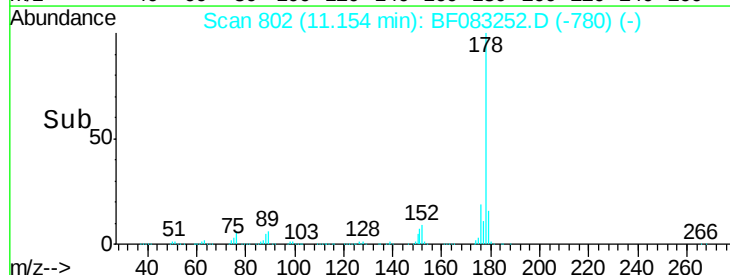
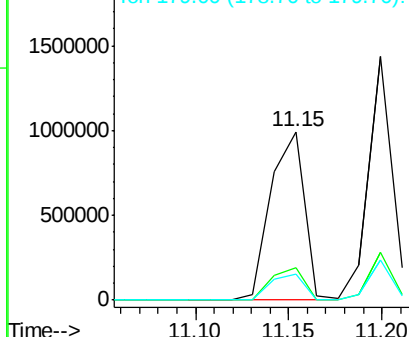


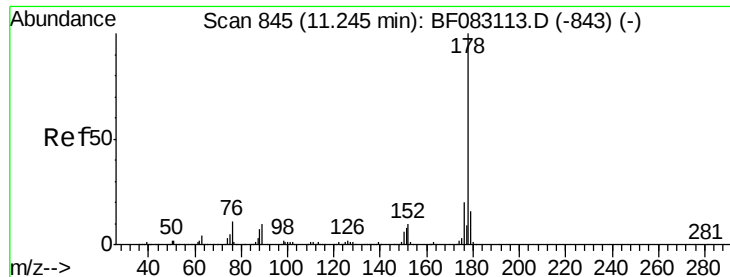
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





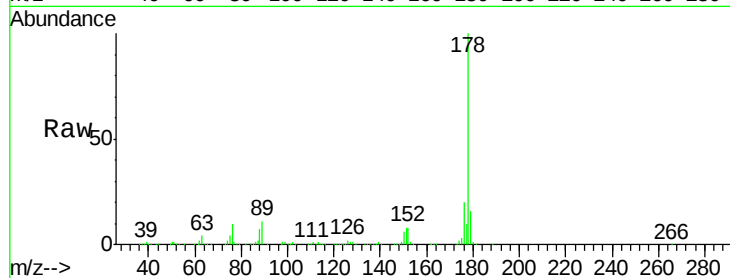
#71  
 Anthracene  
 Concen: 33.93 ng  
 RT: 11.20 min Scan# 806  
 Delta R.T. -0.05 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86782BS

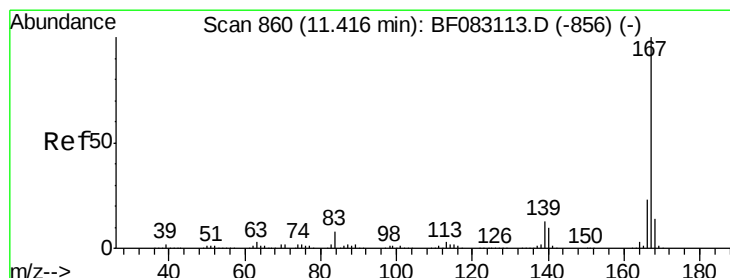
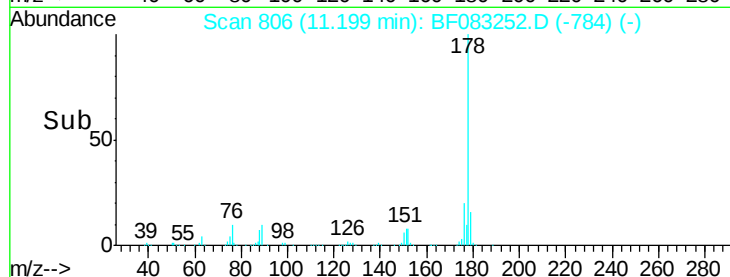
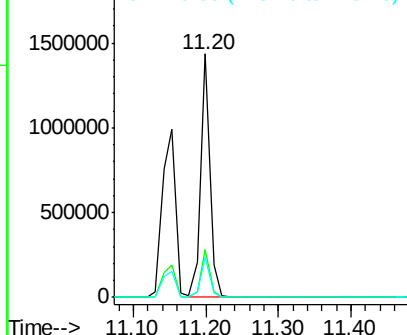
Tgt Ion:178 Resp: 1273847  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 15.6 23.4  
 179 16.4 13.2 19.8

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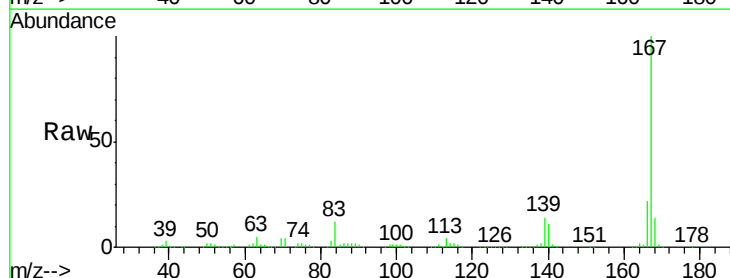


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

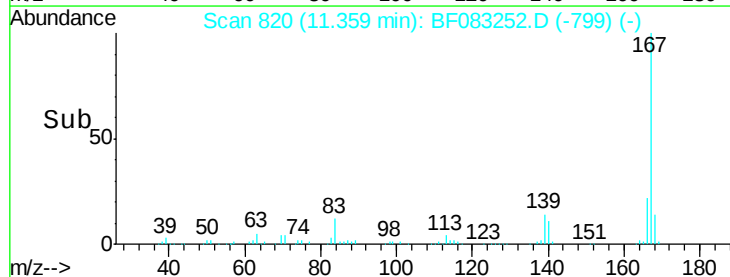
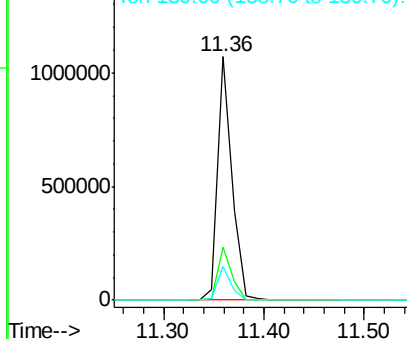


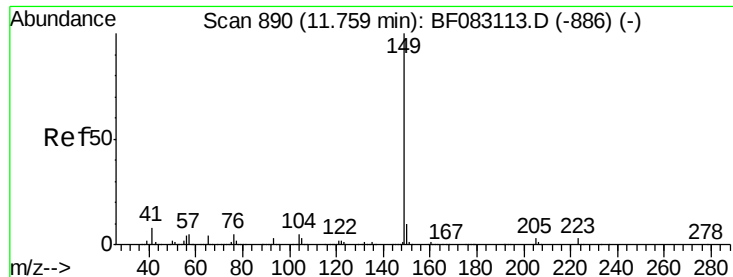
#72  
 Carbazole  
 Concen: 31.80 ng  
 RT: 11.36 min Scan# 820  
 Delta R.T. -0.06 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

Tgt Ion:167 Resp: 1061228  
 Ion Ratio Lower Upper  
 167 100  
 166 22.0 18.0 27.0  
 139 13.8 10.5 15.7



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





#73

Di-n-butylphthalate

Concen: 32.83 ng

RT: 11.70 min Scan# 850

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

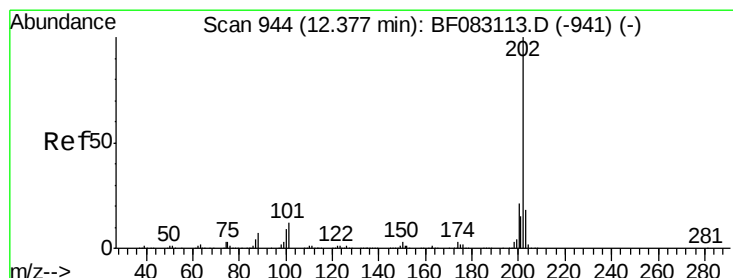
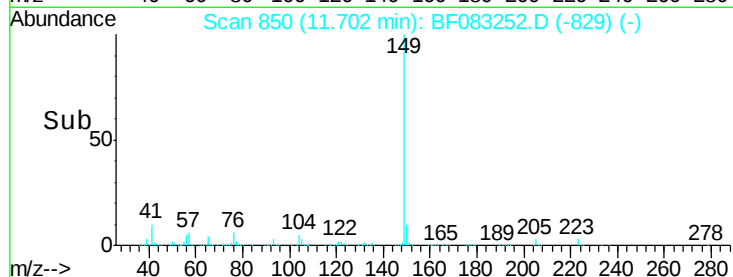
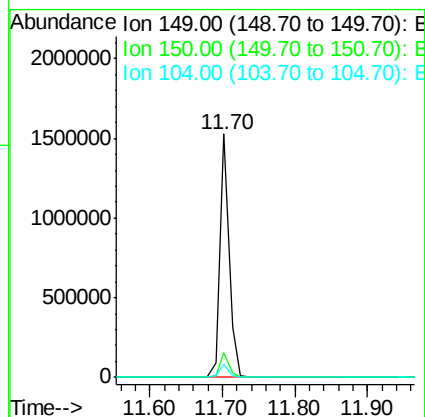
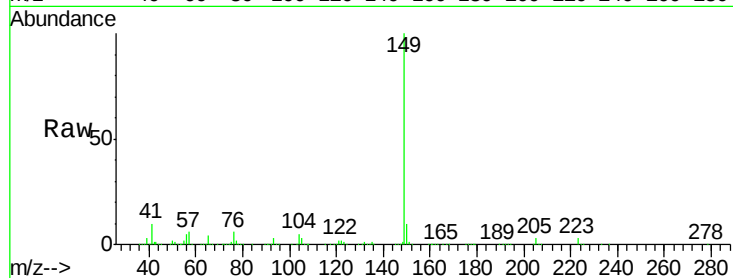
ClientSampleId :

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|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 1337416 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 150      | 9.9   | 8.0   | 12.0    |
| 104      | 5.4   | 4.4   | 6.6     |



#74

Fluoranthene

Concen: 35.26 ng

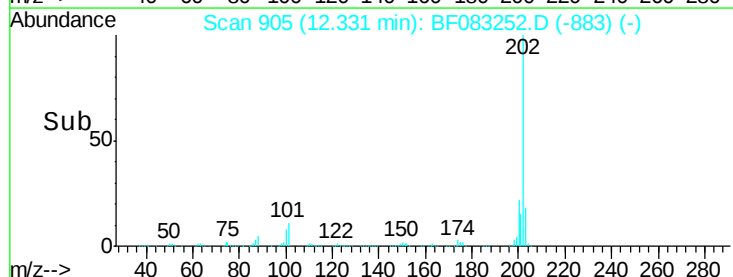
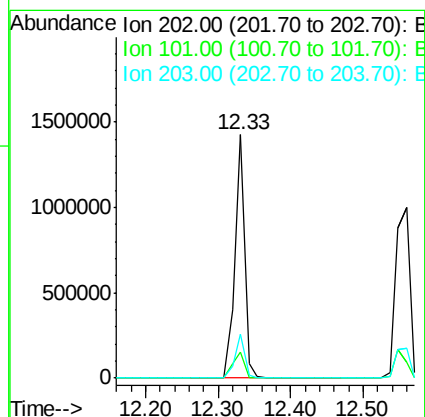
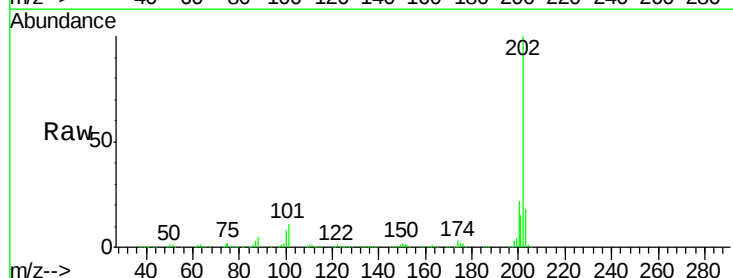
RT: 12.33 min Scan# 905

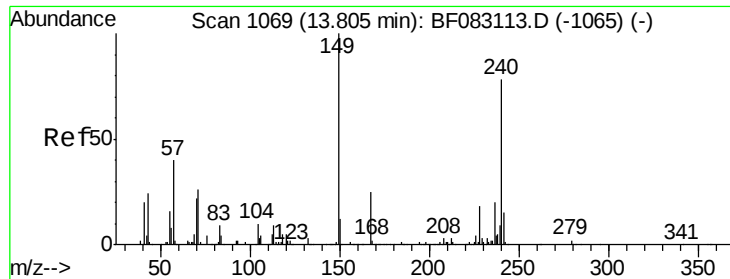
Delta R.T. -0.05 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 202   | Resp: | 1327954 |
| Ion      | Ratio | Lower | Upper   |
| 202      | 100   |       |         |
| 101      | 10.8  | 0.0   | 32.3    |
| 203      | 18.2  | 0.0   | 38.4    |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.75 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

ClientSampleId :

PB86782BS

Tgt Ion:240 Resp: 540505  
Ion Ratio Lower Upper

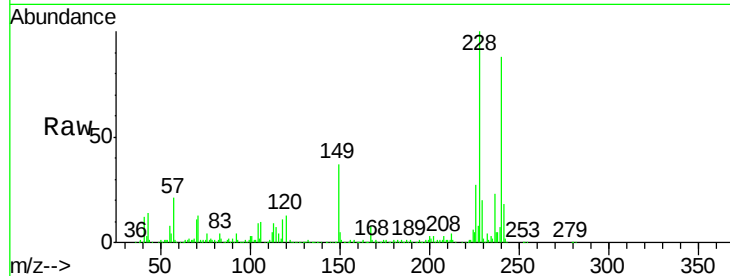
240 100

120 15.1 5.4 8.2#

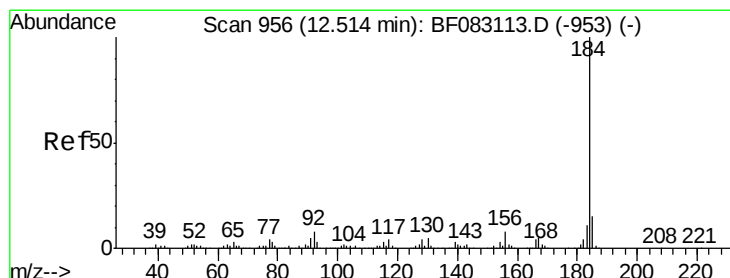
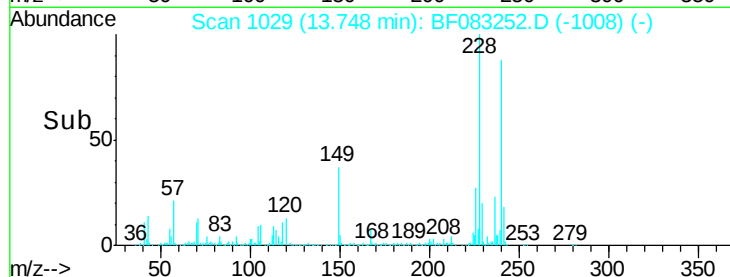
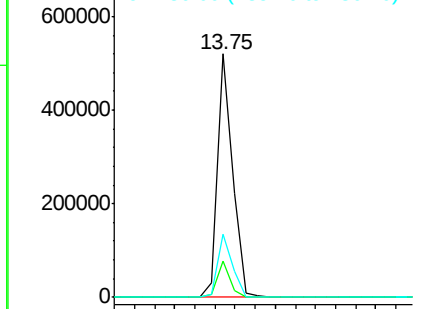
236 25.9 20.6 31.0

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Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.47 ng

RT: 12.46 min Scan# 916

Delta R.T. -0.06 min

Lab File: BF083252.D

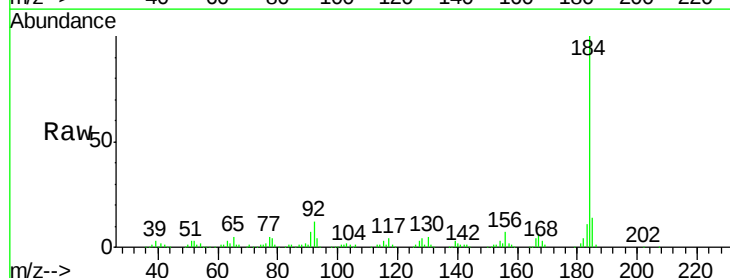
Acq: 24 Nov 2015 22:39

Tgt Ion:184 Resp: 417507  
Ion Ratio Lower Upper

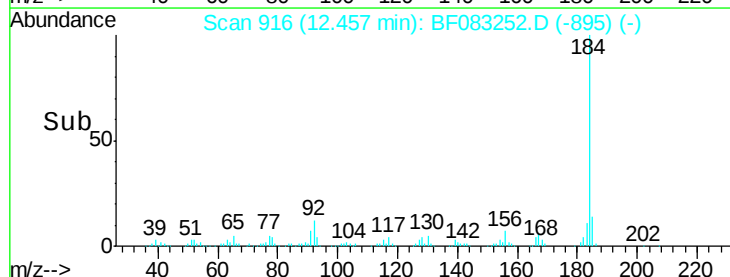
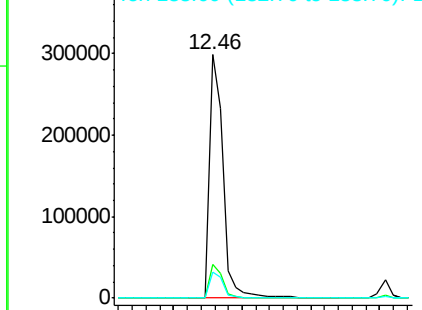
184 100

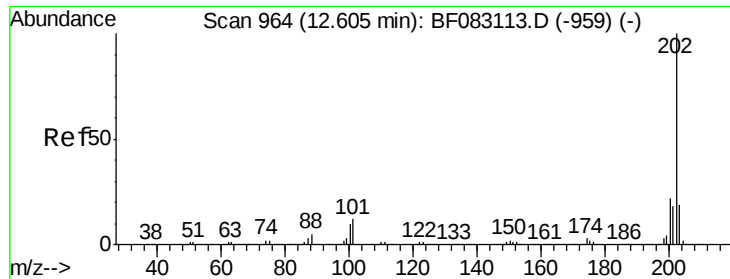
185 14.0 11.7 17.5

183 10.9 8.8 13.2



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E





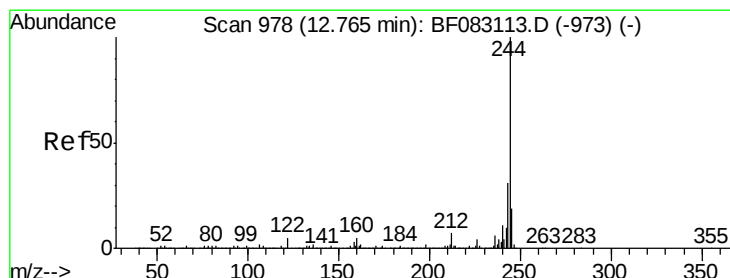
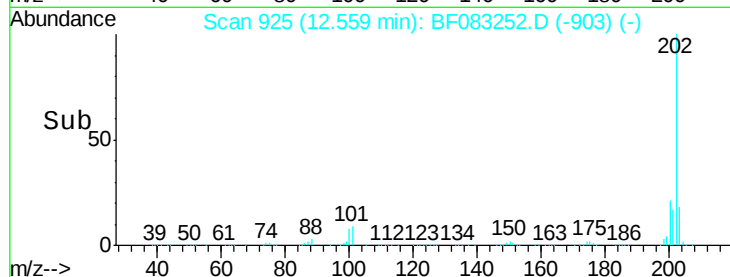
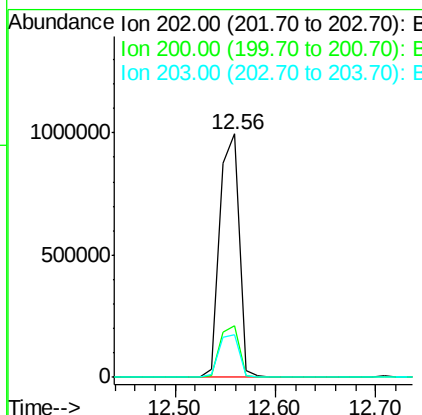
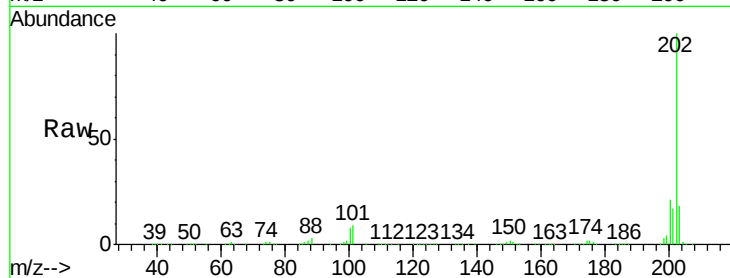
#77  
 Pyrene  
 Concen: 36.22 ng  
 RT: 12.56 min Scan# 925  
 Delta R.T. -0.05 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86782BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.0  | 17.8  | 26.6  |
| 203     | 17.6  | 15.0  | 22.4  |

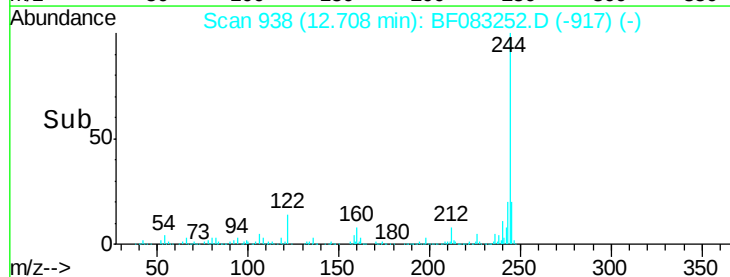
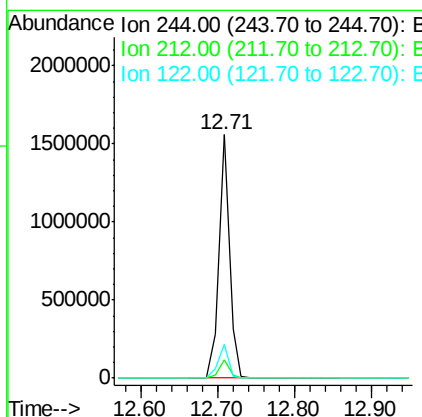
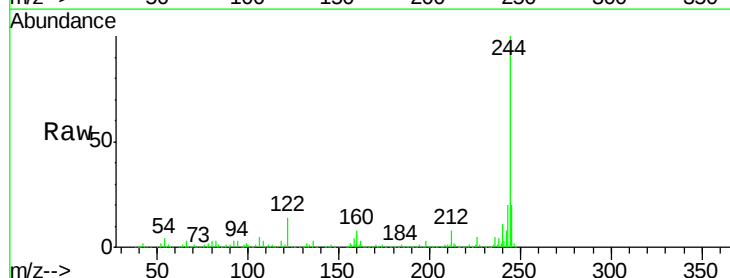
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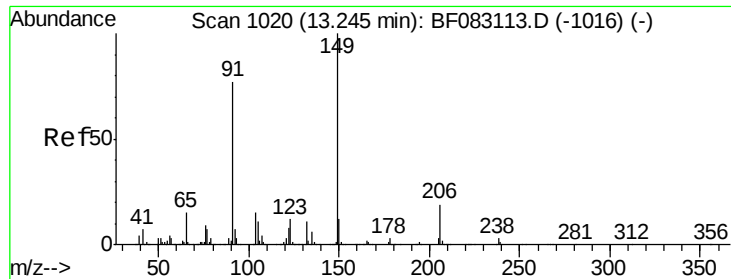
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#78  
 Terphenyl-d14  
 Concen: 64.96 ng  
 RT: 12.71 min Scan# 938  
 Delta R.T. -0.06 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.7   | 5.4   | 8.2   |
| 122     | 13.7  | 4.3   | 6.5#  |





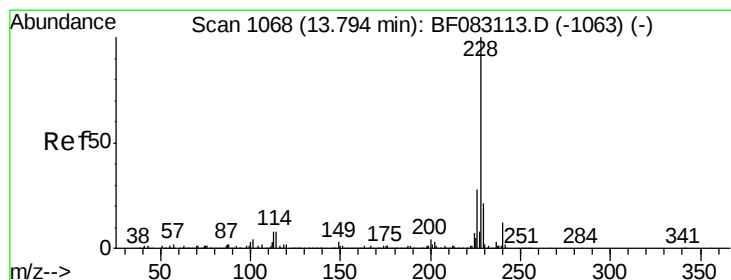
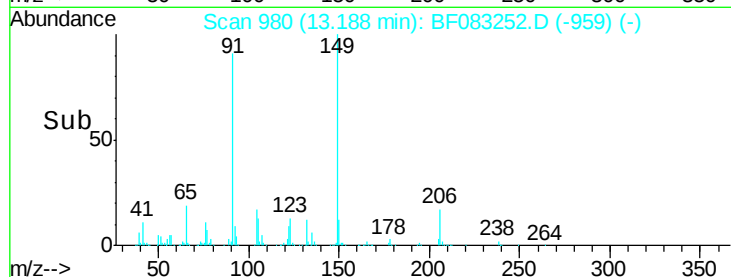
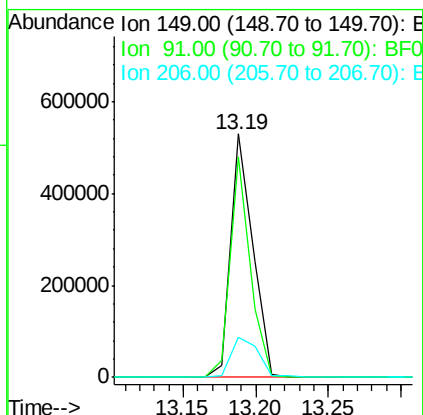
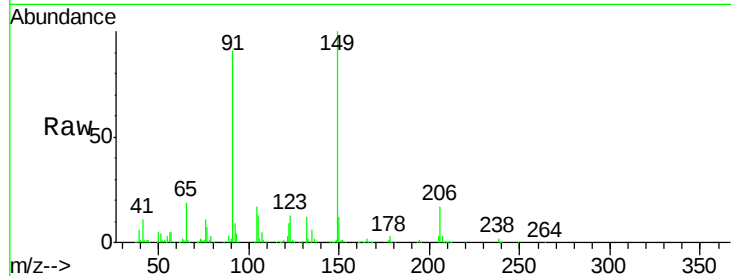
#79  
Butylbenzylphthalate  
Concen: 32.06 ng  
RT: 13.19 min Scan# 980  
Delta R.T. -0.06 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB86782BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 90.6  | 61.5       | 92.3       |
| 206     | 16.7  | 15.3       | 22.9       |

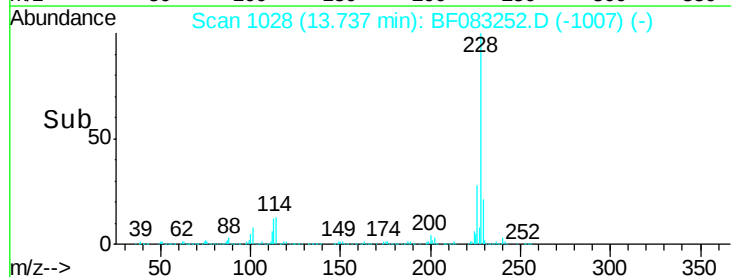
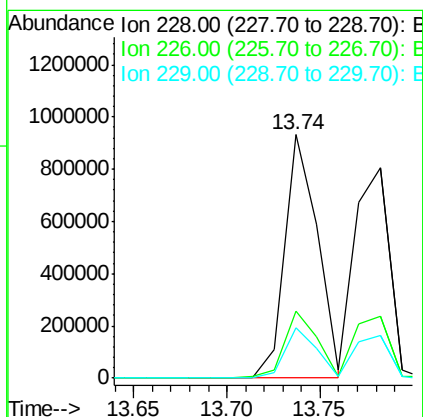
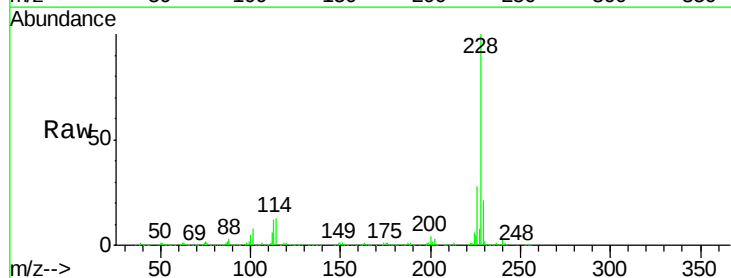
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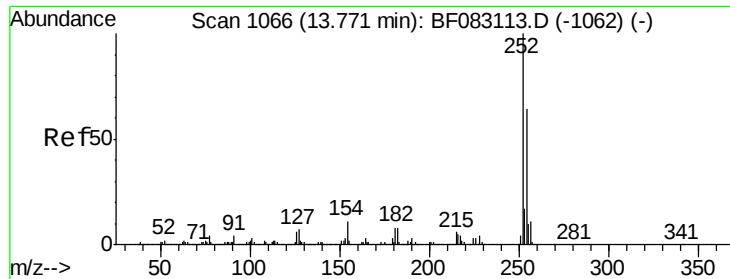
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#80  
Benzo(a)anthracene  
Concen: 34.20 ng  
RT: 13.74 min Scan# 1028  
Delta R.T. -0.06 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 27.8  | 22.6       | 33.8       |
| 229     | 20.5  | 16.6       | 24.8       |





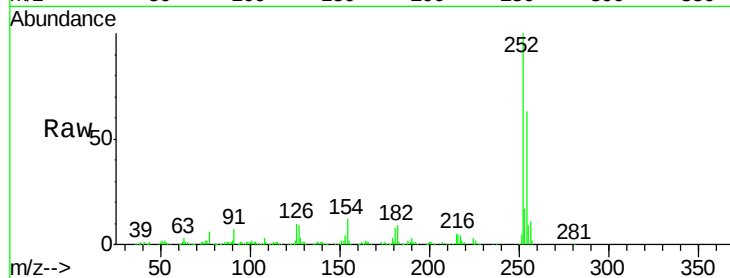
#81  
 3,3'-Dichlorobenzidine  
 Concen: 20.30 ng  
 RT: 13.71 min Scan# 1026  
 Delta R.T. -0.06 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86782BS

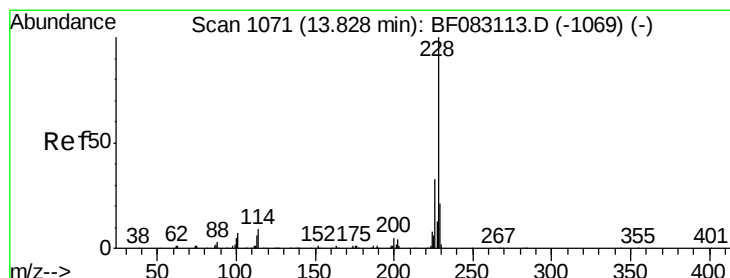
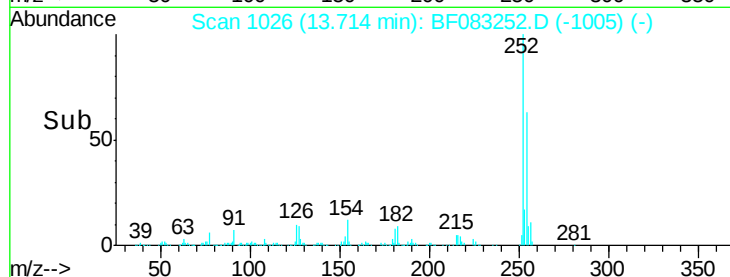
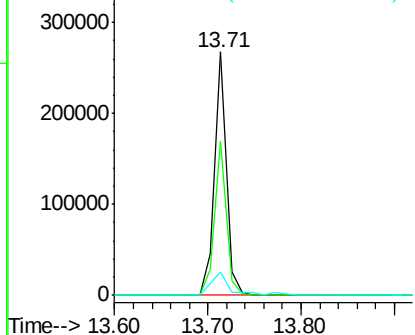
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 236206 |       |       |
| 254     | 63.1  | 51.5   | 77.3  |       |
| 126     | 9.8   | 5.2    | 7.8   |       |

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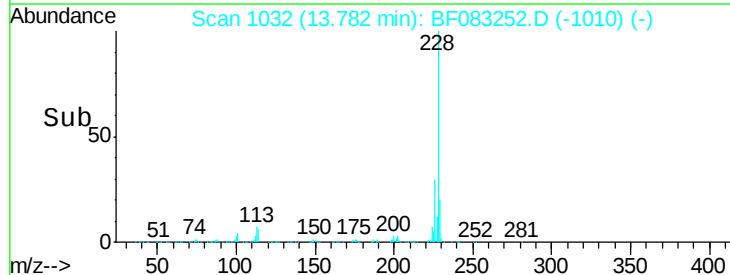
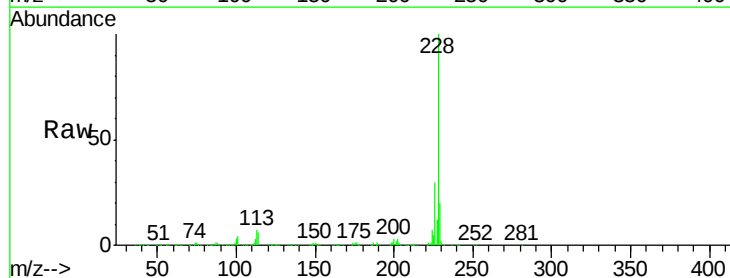
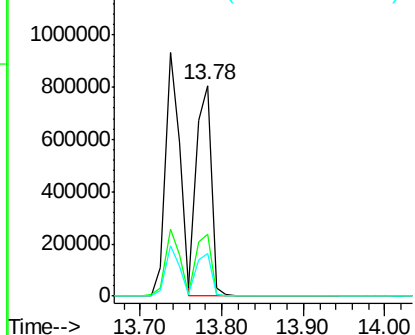
Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

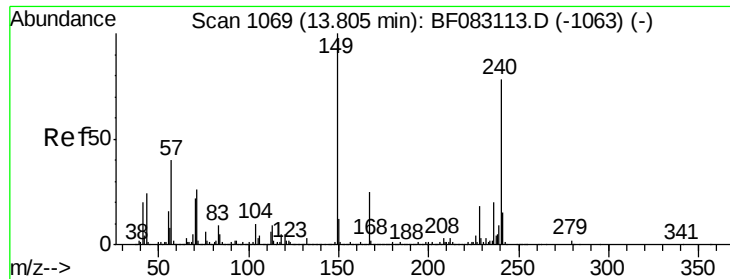


#82  
 Chrysene  
 Concen: 33.78 ng  
 RT: 13.78 min Scan# 1032  
 Delta R.T. -0.05 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 1047265 |       |       |
| 226     | 29.6  | 25.5    | 38.3  |       |
| 229     | 20.0  | 16.6    | 25.0  |       |

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





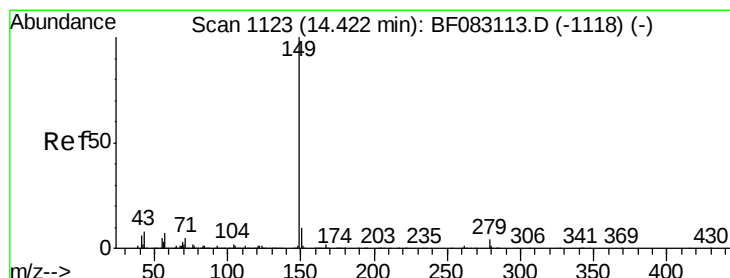
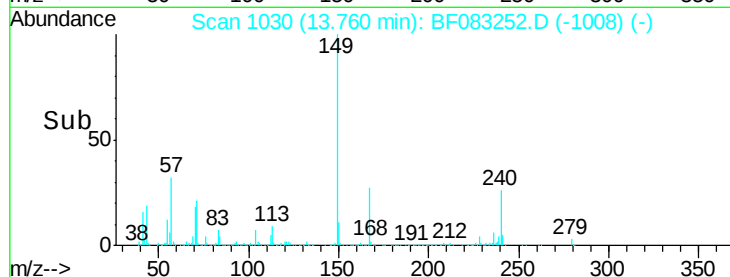
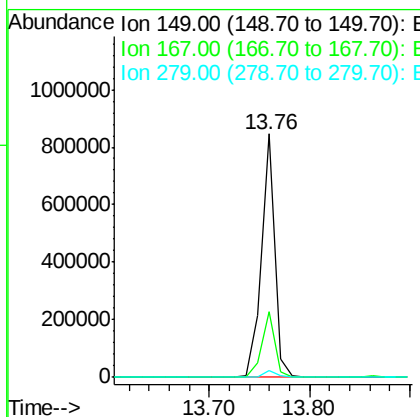
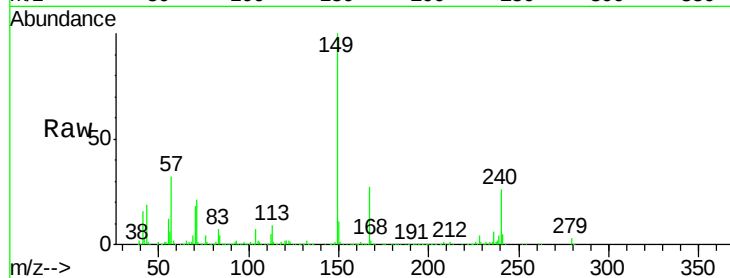
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 34.15 ng  
 RT: 13.76 min Scan# 1030  
 Delta R.T. -0.05 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86782BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.0  | 20.1  | 30.1  |
| 279     | 2.9   | 1.7   | 2.5   |

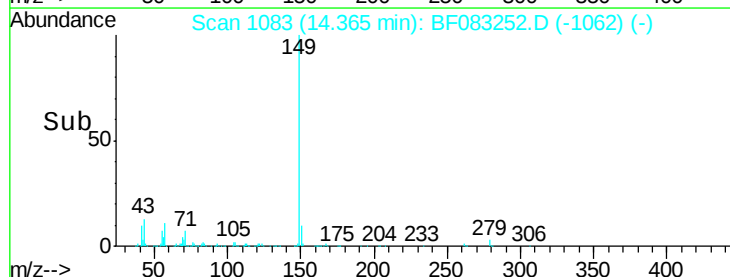
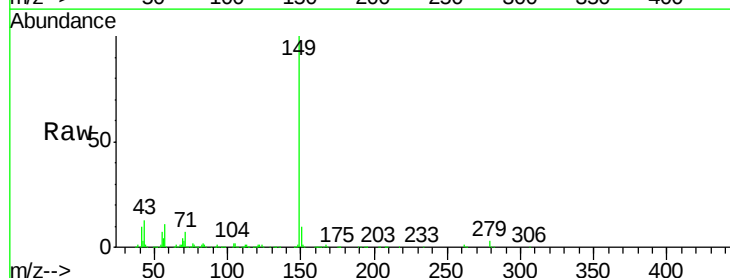
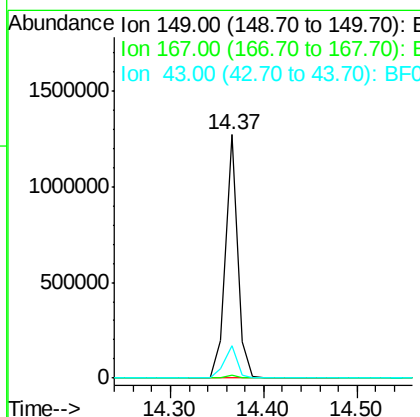
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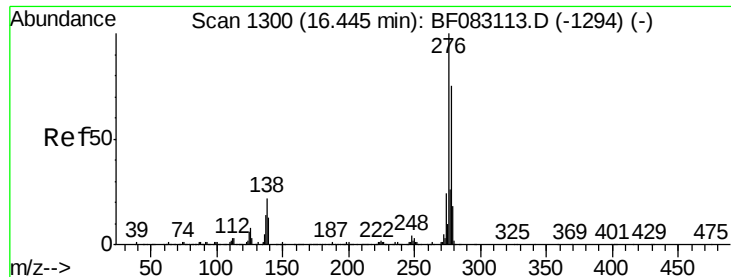
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#84  
 Di-n-octyl phthalate  
 Concen: 29.15 ng  
 RT: 14.37 min Scan# 1083  
 Delta R.T. -0.06 min  
 Lab File: BF083252.D  
 Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.5   | 1.2   | 1.8   |
| 43      | 13.8  | 9.5   | 14.3  |





#85

Indeno(1,2,3-cd)pyrene

Concen: 30.32 ng

RT: 16.34 min Scan# 1256

Delta R.T. -0.10 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

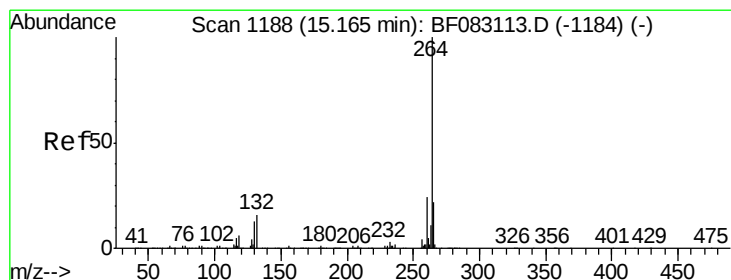
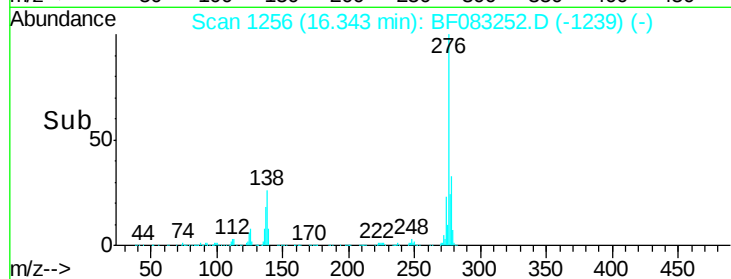
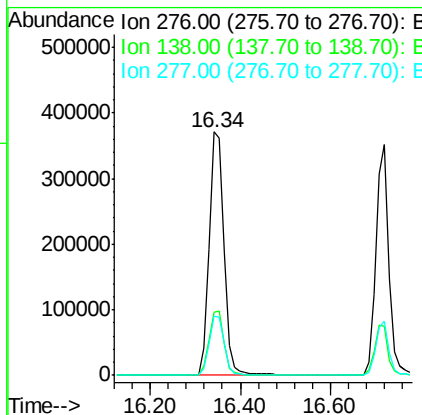
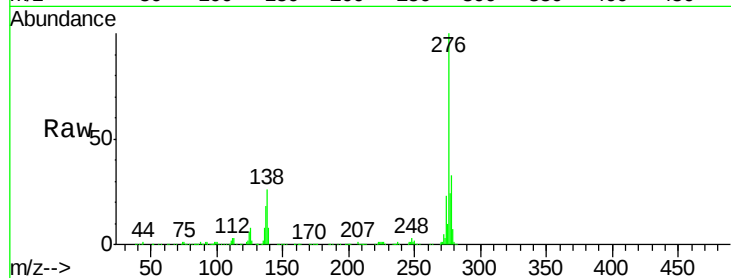
ClientSampleId :

PB86782BS

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|     |       |      |       |        |
|-----|-------|------|-------|--------|
| Tgt | Ion   | 276  | Resp: | 854983 |
|     | Ratio | 100  | Lower | Upper  |
|     | 276   | 100  |       |        |
|     | 138   | 26.4 | 18.0  | 27.0   |
|     | 277   | 24.8 | 20.2  | 30.4   |



#86

Perylene-d12

Concen: 20.00 ng

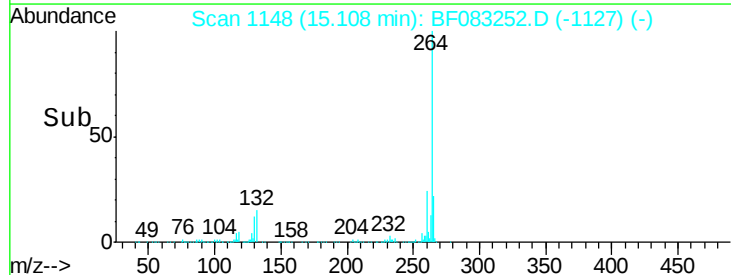
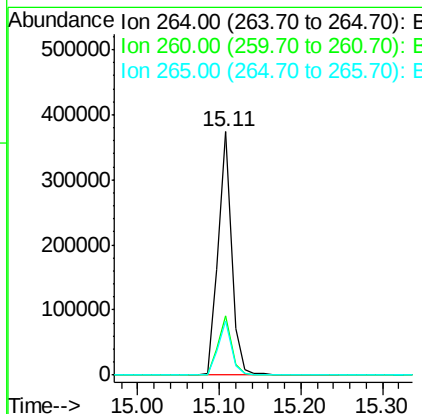
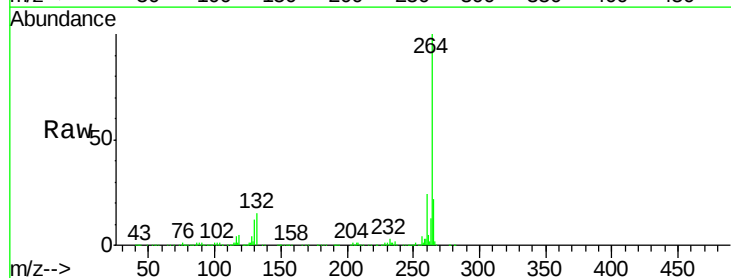
RT: 15.11 min Scan# 1148

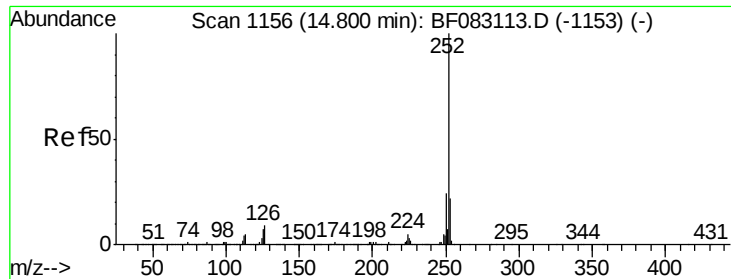
Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

|     |       |      |       |        |
|-----|-------|------|-------|--------|
| Tgt | Ion   | 264  | Resp: | 431826 |
|     | Ratio | 100  | Lower | Upper  |
|     | 264   | 100  |       |        |
|     | 260   | 24.4 | 19.1  | 28.7   |
|     | 265   | 22.5 | 18.2  | 27.4   |





#87

Benzo(b)fluoranthene

Concen: 31.73 ng m

RT: 14.74 min Scan# 1116

Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

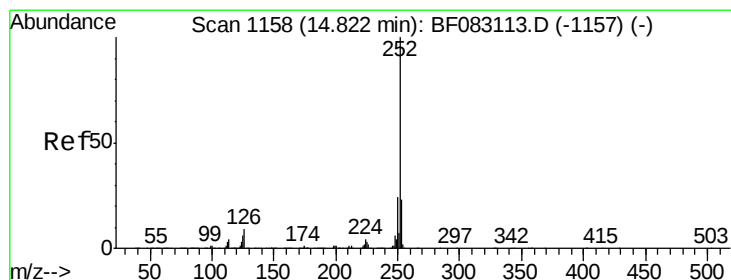
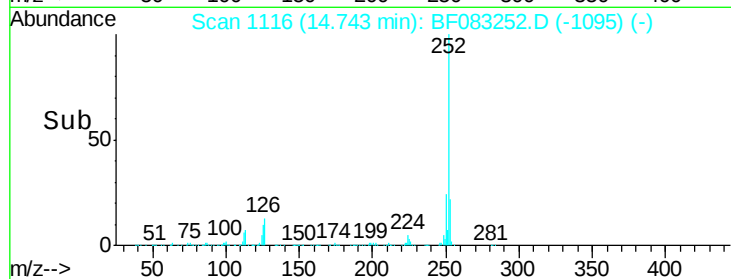
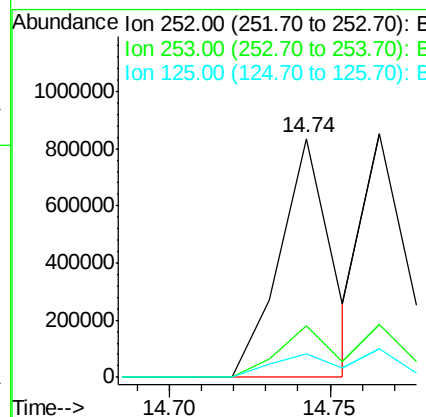
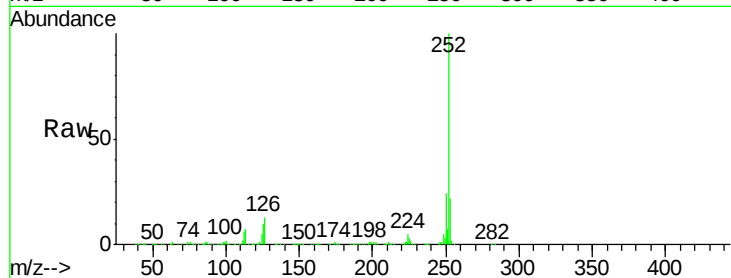
Instrument :  
BNA\_F

ClientSampleId :  
PB86782BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.7  | 26.5  |
| 125     | 9.9   | 5.6   | 8.4   |

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#88

Benzo(k)fluoranthene

Concen: 35.85 ng m

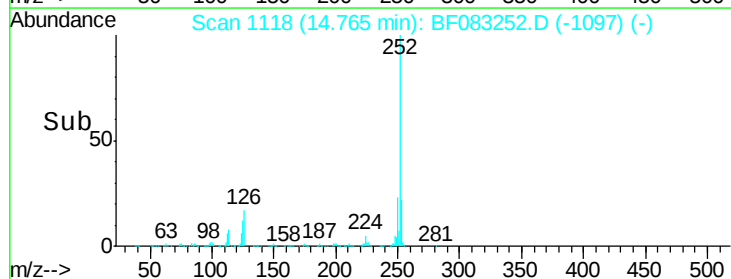
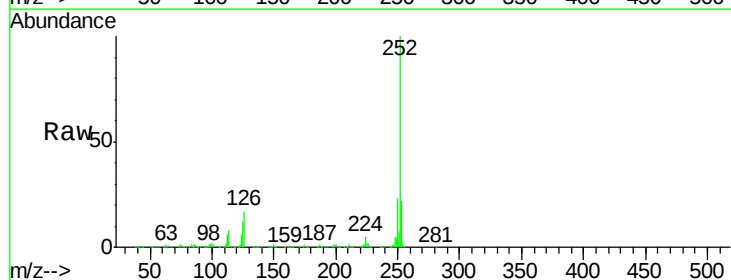
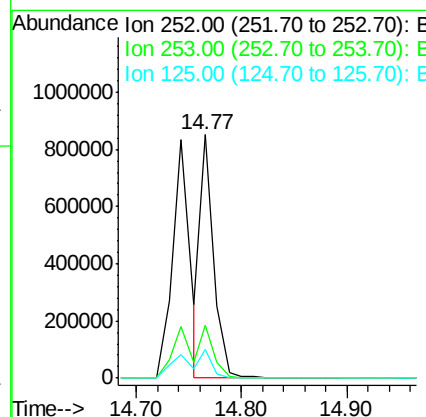
RT: 14.77 min Scan# 1118

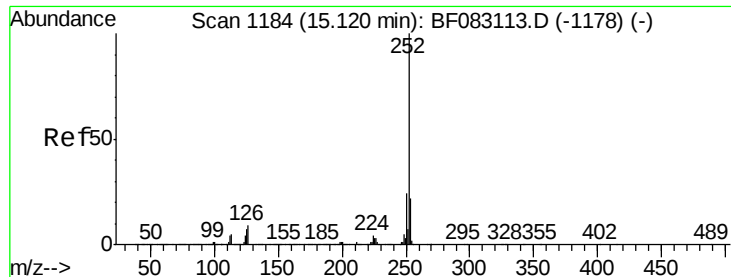
Delta R.T. -0.06 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.9  | 18.2  | 27.2  |
| 125     | 11.7  | 6.8   | 10.2  |





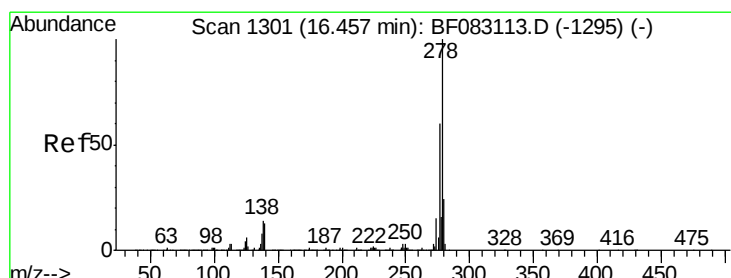
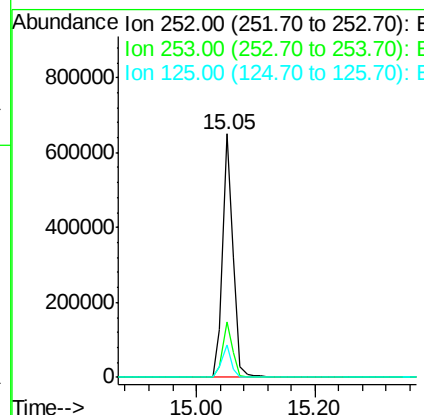
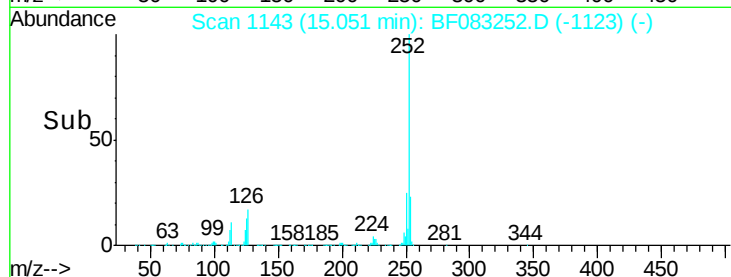
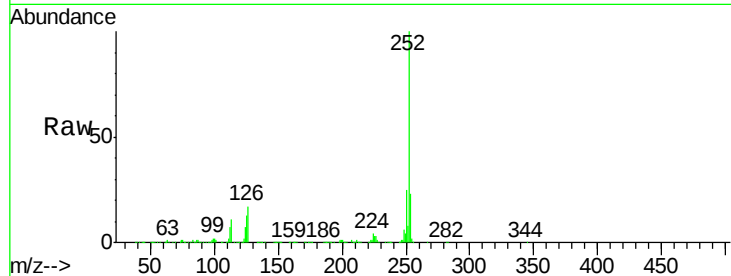
#89  
Benzo(a)pyrene  
Concen: 32.58 ng  
RT: 15.05 min Scan# 1143  
Delta R.T. -0.07 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

Instrument :  
BNA\_F  
ClientSampleId :  
PB86782BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 22.6  | 17.5       | 26.3       |
| 125     | 13.4  | 5.4        | 8.0        |

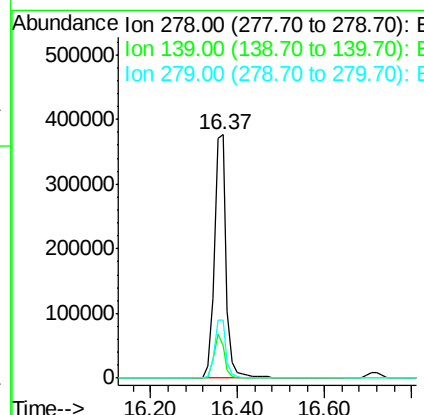
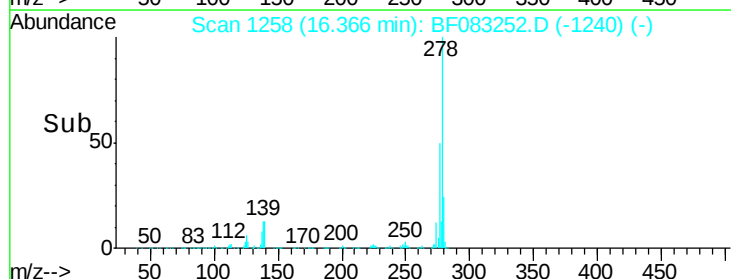
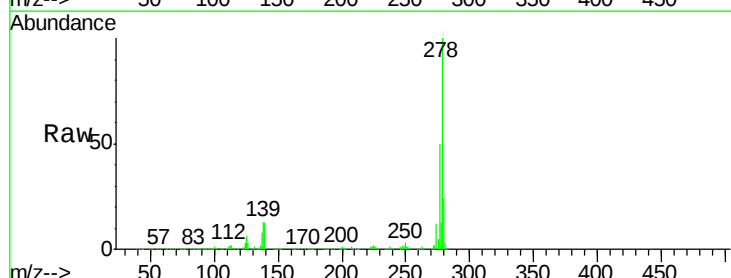
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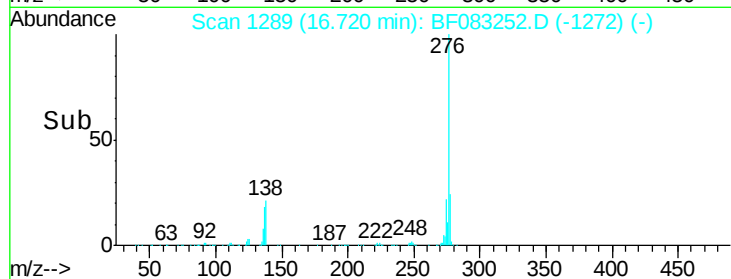
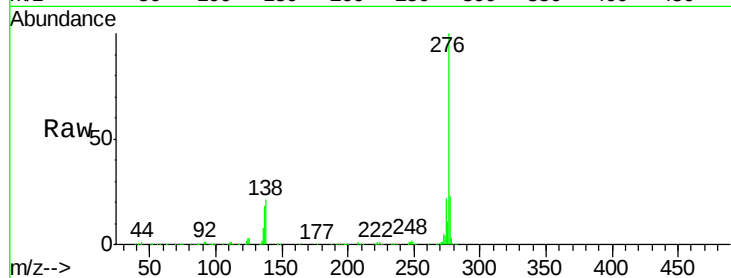
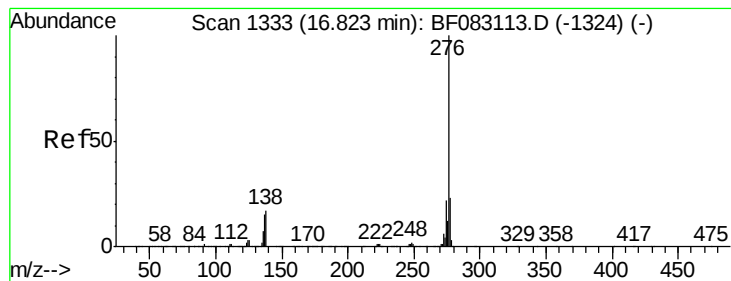
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#90  
Dibenzo(a,h)anthracene  
Concen: 32.78 ng  
RT: 16.37 min Scan# 1258  
Delta R.T. -0.09 min  
Lab File: BF083252.D  
Acq: 24 Nov 2015 22:39

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 278     | 100   |            |            |
| 139     | 13.4  | 10.7       | 16.1       |
| 279     | 23.8  | 19.3       | 28.9       |





#91

Benzo(g,h,i)perylene

Concen: 33.15 ng

RT: 16.72 min Scan# 1289

Delta R.T. -0.10 min

Lab File: BF083252.D

Acq: 24 Nov 2015 22:39

Instrument :

BNA\_F

ClientSampleId :

PB86782BS

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 276 | 100  |       | 716002 |       |       |
| 277 | 23.5 | 18.7  | 28.1   |       |       |
| 138 | 21.0 | 13.9  | 20.9   |       |       |

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