

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF111815\  
 Data File : BF083008.D  
 Acq On : 18 Nov 2015 14:09  
 Operator : UM/IZ  
 Sample : PB86622BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86622BS

Manual Integrations  
 APPROVED

Mmdadoda  
 11/19/2015 6:44:34 PM

Quant Time: Nov 19 02:25:19 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF110715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 18 13:32:32 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.73  | 152  | 163835   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 8.02  | 136  | 586480   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.77  | 164  | 321288   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 11.25 | 188  | 566622   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.88 | 240  | 443487   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.27 | 264  | 336678   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.34  | 112 | 1210864 | 114.99 | ng | 0.01  |
| 7) Phenol-d6             | 6.38  | 99  | 1663258 | 118.82 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.30  | 82  | 976661  | 72.46  | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 10.57 | 330 | 406251  | 110.28 | ng | 0.00  |
| 44) 2-Fluorobiphenyl     | 9.10  | 172 | 1826370 | 81.47  | ng | 0.00  |
| 78) Terphenyl-d14        | 12.84 | 244 | 1720908 | 92.04  | ng | 0.00  |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.32 | 88  | 156903  | 34.53 | ng | 94     |
| 3) Pyridine                    | 2.99 | 79  | 433469  | 32.88 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 2.93 | 42  | 228969  | 35.02 | ng | # 76   |
| 6) Aniline                     | 6.40 | 93  | 248848  | 12.66 | ng | # 1    |
| 8) 2-Chlorophenol              | 6.52 | 128 | 460707  | 39.47 | ng | 93     |
| 9) Benzaldehyde                | 6.27 | 77  | 375228  | 48.52 | ng | 91     |
| 10) Phenol                     | 6.41 | 94  | 519066  | 32.68 | ng | # 71   |
| 11) bis(2-Chloroethyl)ether    | 6.48 | 93  | 535355  | 45.07 | ng | # 83   |
| 12) 1,3-Dichlorobenzene        | 6.67 | 146 | 477686m | 36.28 | ng |        |
| 13) 1,4-Dichlorobenzene        | 6.75 | 146 | 524041  | 38.26 | ng | 93     |
| 14) 1,2-Dichlorobenzene        | 6.90 | 146 | 438674  | 35.22 | ng | 95     |
| 15) Benzyl Alcohol             | 6.89 | 79  | 439224  | 35.73 | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.02 | 45  | 729471  | 41.87 | ng | 96     |
| 17) 2-Methylphenol             | 7.01 | 107 | 368356  | 37.26 | ng | 95     |
| 18) Hexachloroethane           | 7.24 | 117 | 170027  | 34.71 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.16 | 70  | 363844  | 35.36 | ng | # 81   |
| 20) 3+4-Methylphenols          | 7.16 | 107 | 474015  | 36.88 | ng | # 62   |
| 22) Acetophenone               | 7.15 | 105 | 642371  | 38.23 | ng | 96     |
| 24) Nitrobenzene               | 7.32 | 77  | 545107  | 39.55 | ng | 97     |
| 25) Isophorone                 | 7.56 | 82  | 934241  | 37.46 | ng | 99     |
| 26) 2-Nitrophenol              | 7.64 | 139 | 227366  | 39.52 | ng | # 54   |
| 27) 2,4-Dimethylphenol         | 7.69 | 122 | 366115  | 35.42 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.78 | 93  | 581055  | 41.31 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 7.88 | 162 | 357049  | 38.22 | ng | 88     |
| 30) 1,2,4-Trichlorobenzene     | 7.96 | 180 | 387012  | 36.83 | ng | 98     |
| 31) Naphthalene                | 8.04 | 128 | 1253341 | 38.73 | ng | 99     |
| 32) Benzoic acid               | 7.82 | 122 | 261102  | 36.89 | ng | 87     |
| 33) 4-Chloroaniline            | 8.09 | 127 | 73459   | 5.27  | ng | 93     |
| 34) Hexachlorobutadiene        | 8.17 | 225 | 247618  | 37.66 | ng | 99     |
| 35) Caprolactam                | 8.46 | 113 | 124794m | 42.37 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.59 | 107 | 423122  | 38.51 | ng | 91     |
| 37) 2-Methylnaphthalene        | 8.74 | 142 | 860698m | 41.12 | ng |        |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.90 | 216 | 370032  | 35.05 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.90 | 237 | 436006  | 76.87 | ng | 98     |

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Manual Integrations  
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Quant Time: Nov 19 02:25:19 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF110715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 18 13:32:32 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.01  | 196  | 279557   | 35.47 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 9.06  | 196  | 314073   | 40.29 | ng #  | 90       |
| 45) 1,1'-Biphenyl              | 9.20  | 154  | 943809   | 34.23 | ng    | 96       |
| 46) 2-Chloronaphthalene        | 9.22  | 162  | 783232   | 36.42 | ng    | 98       |
| 47) 2-Nitroaniline             | 9.31  | 65   | 280750   | 35.19 | ng    | 91       |
| 48) Acenaphthylene             | 9.63  | 152  | 1220124  | 36.20 | ng    | 99       |
| 49) Dimethylphthalate          | 9.50  | 163  | 915788   | 34.79 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.56  | 165  | 216341   | 38.52 | ng    | 94       |
| 51) Acenaphthene               | 9.80  | 154  | 896263   | 41.96 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.72  | 138  | 42879    | 6.94  | ng #  | 85       |
| 53) 2,4-Dinitrophenol          | 9.84  | 184  | 234352   | 76.00 | ng #  | 21       |
| 54) Dibenzofuran               | 9.97  | 168  | 1050987  | 36.49 | ng    | 95       |
| 55) 4-Nitrophenol              | 9.92  | 139  | 397902   | 83.97 | ng #  | 70       |
| 56) 2,4-Dinitrotoluene         | 9.96  | 165  | 256571   | 33.67 | ng    | 95       |
| 57) Fluorene                   | 10.32 | 166  | 804299   | 34.49 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.10 | 232  | 236281   | 37.14 | ng #  | 92       |
| 59) Diethylphthalate           | 10.20 | 149  | 933983   | 36.34 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.32 | 204  | 441521   | 37.84 | ng    | 98       |
| 61) 4-Nitroaniline             | 10.34 | 138  | 186272   | 29.99 | ng #  | 80       |
| 62) Azobenzene                 | 10.48 | 77   | 1236082  | 44.77 | ng    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.37 | 198  | 171718   | 42.54 | ng    | 91       |
| 65) n-Nitrosodiphenylamine     | 10.43 | 169  | 746927   | 36.49 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.80 | 248  | 252507   | 37.01 | ng #  | 70       |
| 67) Hexachlorobenzene          | 10.86 | 284  | 276378   | 36.28 | ng #  | 80       |
| 68) Atrazine                   | 10.97 | 200  | 259795   | 41.04 | ng    | 96       |
| 69) Pentachlorophenol          | 11.06 | 266  | 313412   | 67.75 | ng    | 99       |
| 70) Phenanthrene               | 11.28 | 178  | 1417124  | 43.07 | ng    | 98       |
| 71) Anthracene                 | 11.32 | 178  | 1261431  | 36.39 | ng    | 98       |
| 72) Carbazole                  | 11.48 | 167  | 1185141  | 39.06 | ng    | 98       |
| 73) Di-n-butylphthalate        | 11.82 | 149  | 1608806  | 42.56 | ng    | 99       |
| 74) Fluoranthene               | 12.45 | 202  | 1272334  | 36.03 | ng    | 98       |
| 76) Benzidine                  | 12.58 | 184  | 509820   | 34.30 | ng    | 99       |
| 77) Pyrene                     | 12.68 | 202  | 1267280  | 41.61 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.31 | 149  | 605184   | 44.98 | ng    | 95       |
| 80) Benzo(a)anthracene         | 13.87 | 228  | 1156576  | 41.70 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.84 | 252  | 136240   | 13.82 | ng #  | 97       |
| 82) Chrysene                   | 13.91 | 228  | 998499m  | 39.31 | ng    |          |
| 83) Bis(2-ethylhexyl)phthalate | 13.88 | 149  | 847800   | 46.04 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 14.49 | 149  | 1368966  | 44.56 | ng    | 96       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.58 | 276  | 856736   | 39.16 | ng    | 97       |
| 87) Benzo(b)fluoranthene       | 14.89 | 252  | 1019963m | 47.20 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.91 | 252  | 719650m  | 37.54 | ng    |          |
| 89) Benzo(a)pyrene             | 15.22 | 252  | 818543   | 43.72 | ng #  | 97       |
| 90) Dibenzo(a,h)anthracene     | 16.60 | 278  | 722154   | 45.55 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 16.98 | 276  | 737534   | 48.57 | ng    | 98       |

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

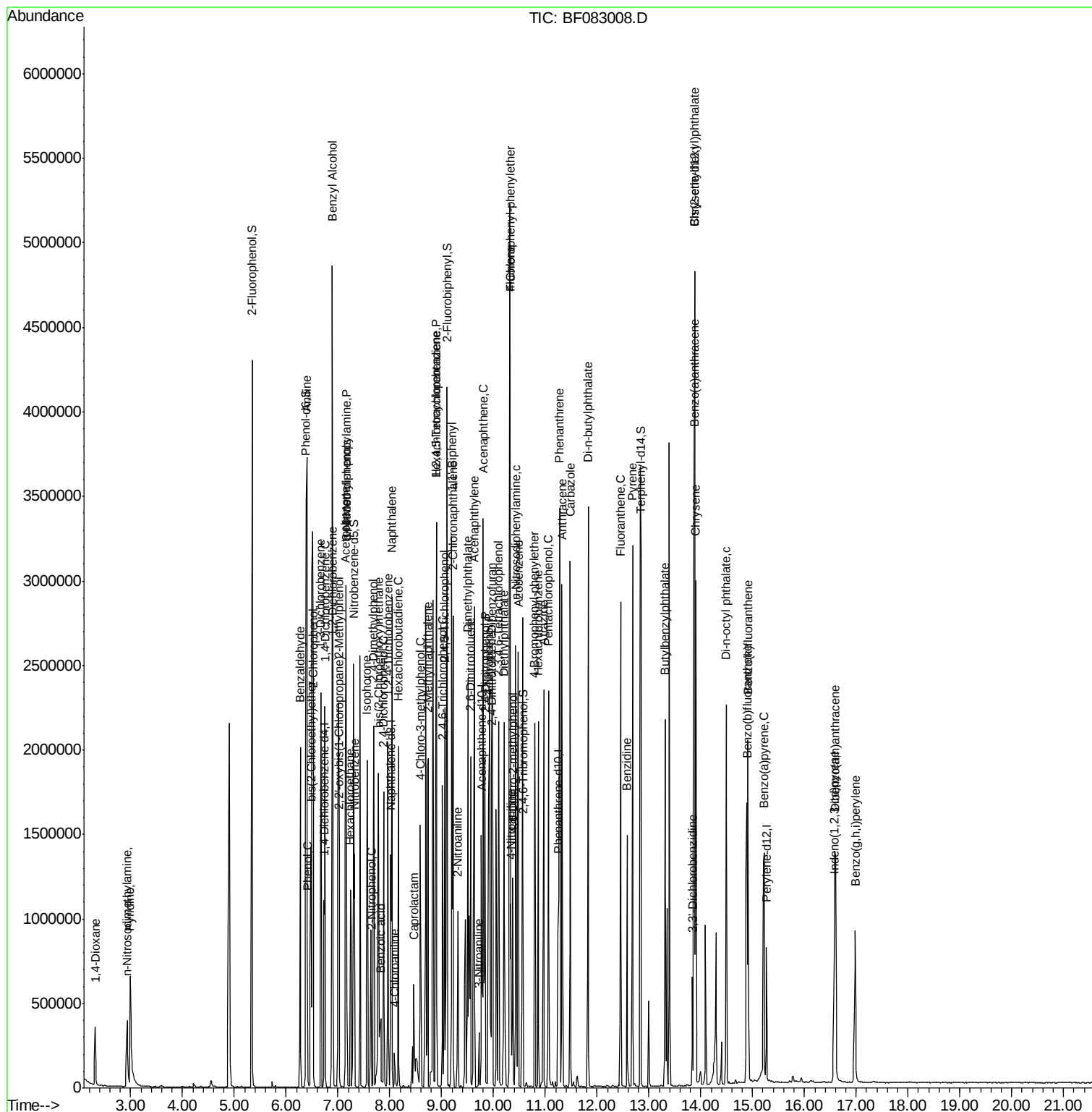
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\  
Data File : BF083008.D  
Acq On    : 18 Nov 2015   14:09  
Operator  : UM/IZ  
Sample    : PB86622BS  
Misc      :  
ALS Vial  : 4      Sample Multiplier: 1
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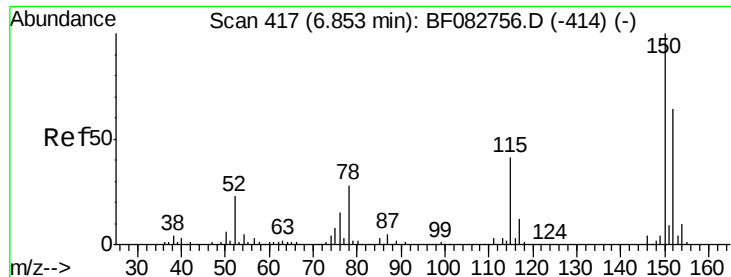
**Instrument :**  
BNA\_F  
**ClientSampleId :**  
PB86622BS

## Manual Integrations APPROVED

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11/19/2015 6:44:34 PM

Quant Time: Nov 19 02:25:19 2015  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Nov 18 13:32:32 2015  
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

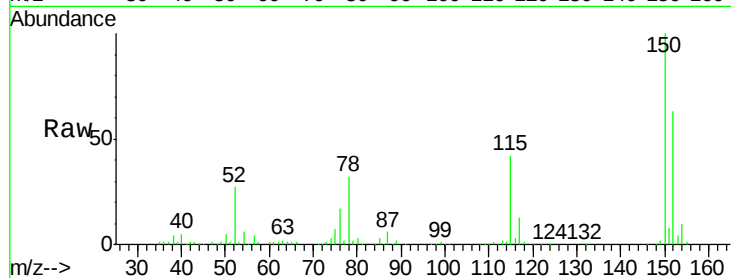
ClientSampleId :

PB86622BS

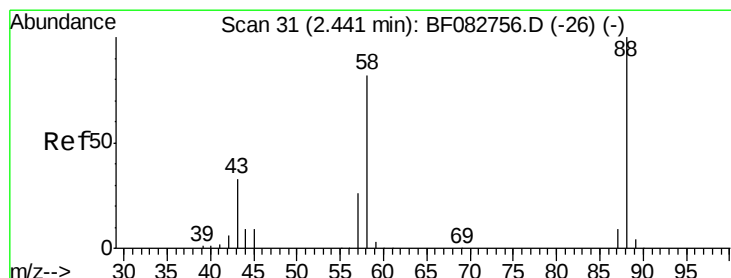
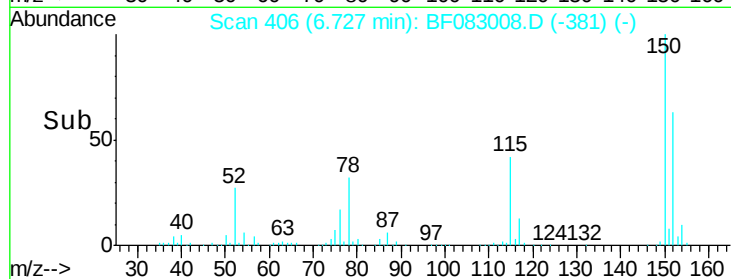
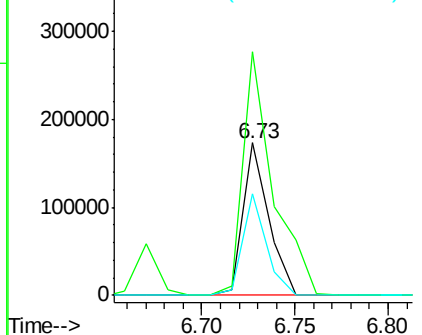
|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 152   | Resp: | 163835 |
| Ion | Ratio | Lower | Upper |        |
| 152 | 100   |       |       |        |
| 150 | 159.8 | 127.0 | 190.4 |        |
| 115 | 66.8  | 47.0  | 70.6  |        |

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



#2

1,4-Dioxane

Concen: 34.53 ng

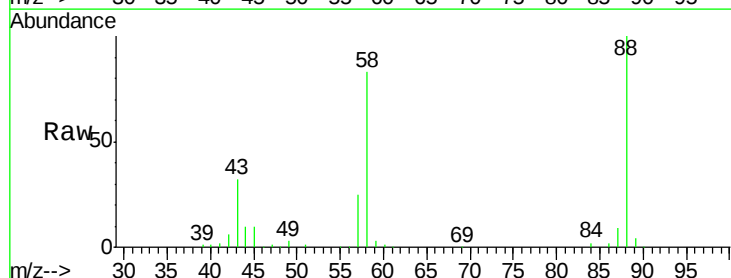
RT: 2.32 min Scan# 20

Delta R.T. 0.08 min

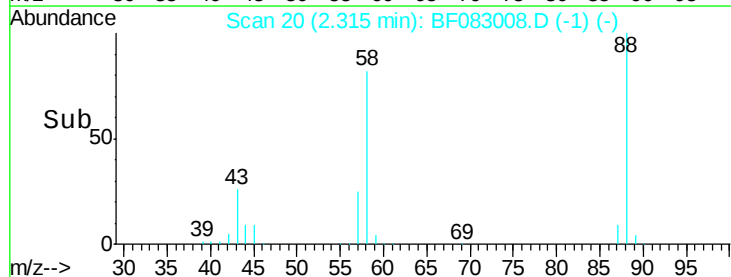
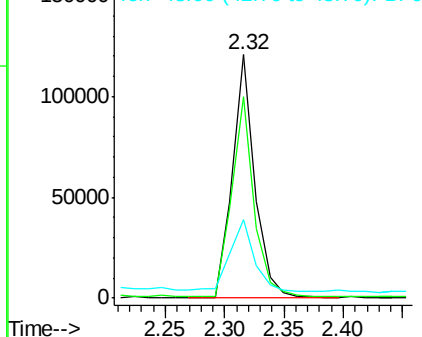
Lab File: BF083008.D

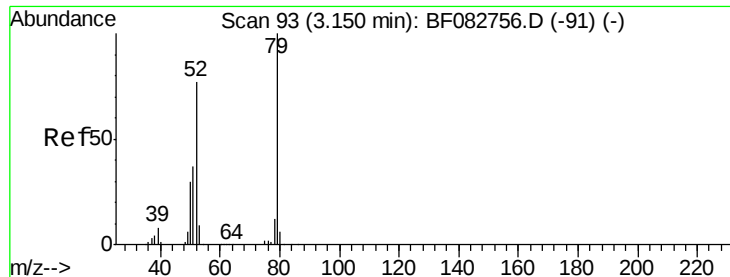
Acq: 18 Nov 2015 14:09

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 88    | Resp: | 156903 |
| Ion | Ratio | Lower | Upper |        |
| 88  | 100   |       |       |        |
| 58  | 84.1  | 62.0  | 93.0  |        |
| 43  | 31.3  | 26.6  | 40.0  |        |



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





#3

Pyridine

Concen: 32.88 ng

RT: 2.99 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

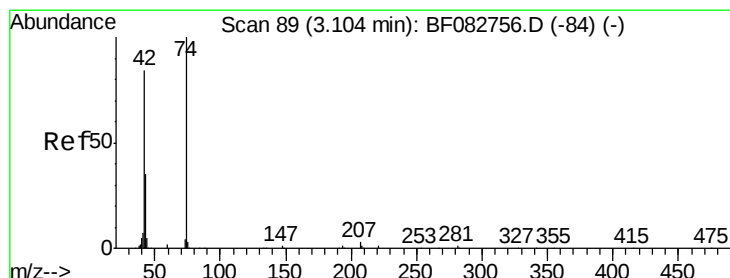
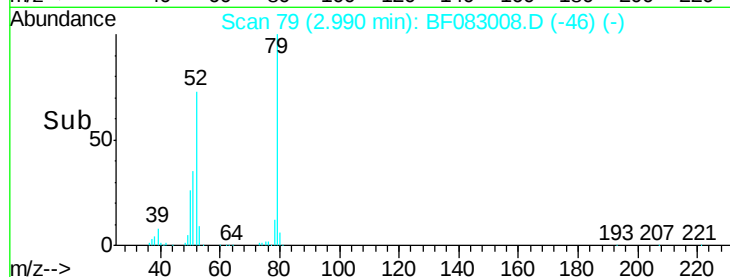
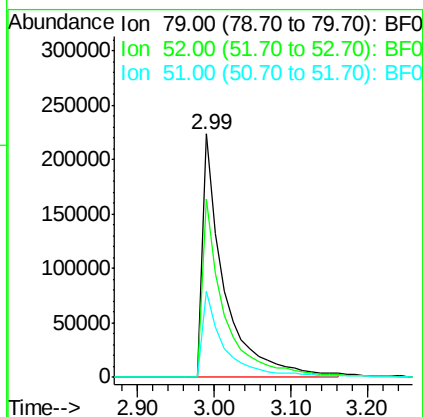
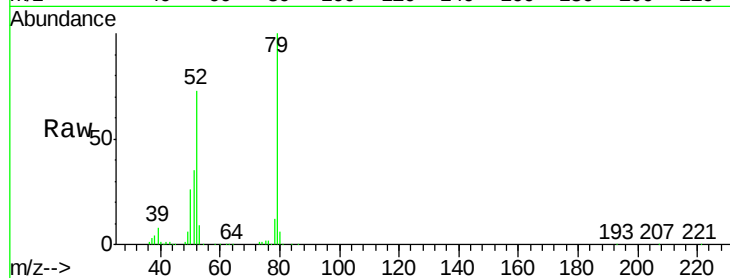
ClientSampleId :

PB86622BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 433469 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 73.4  | 62.8  | 94.2   |
| 51        | 35.3  | 32.0  | 48.0   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 35.02 ng

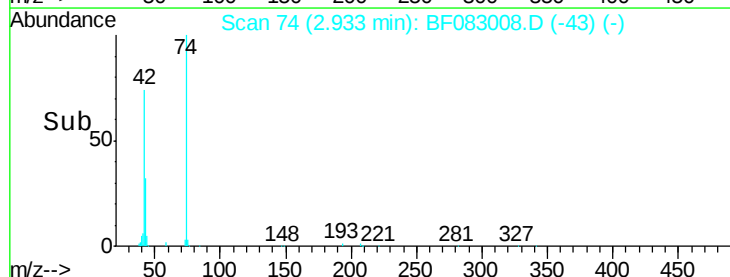
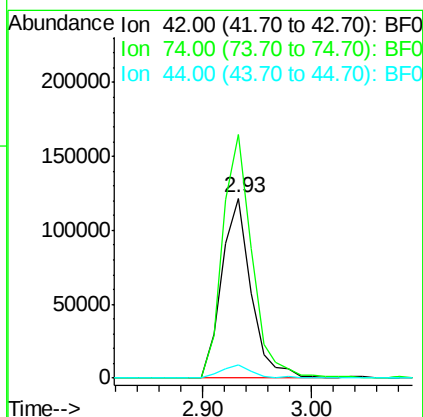
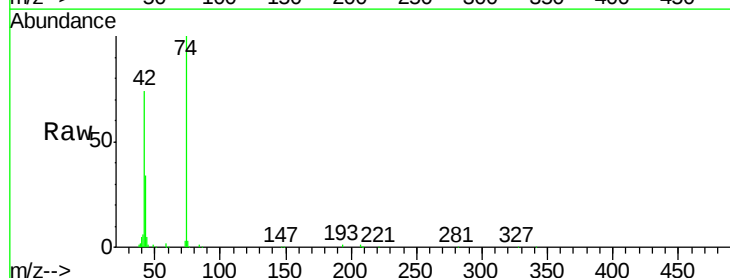
RT: 2.93 min Scan# 74

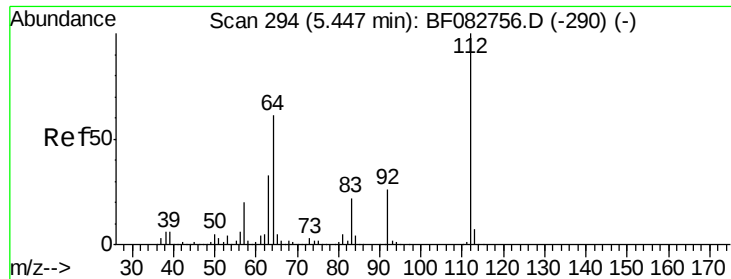
Delta R.T. 0.06 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 228969 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 135.4 | 87.0  | 130.4# |
| 44        | 7.2   | 5.8   | 8.8    |





#5

2-Fluorophenol

Concen: 114.99 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF083008.D

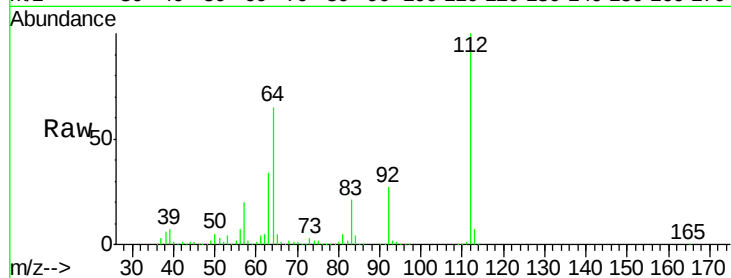
Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

ClientSampleId :

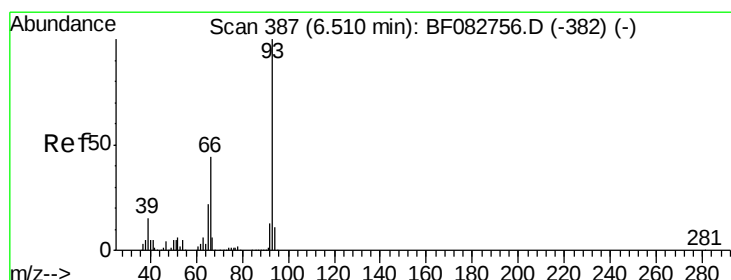
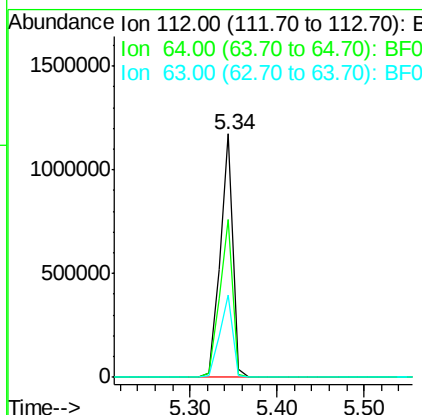
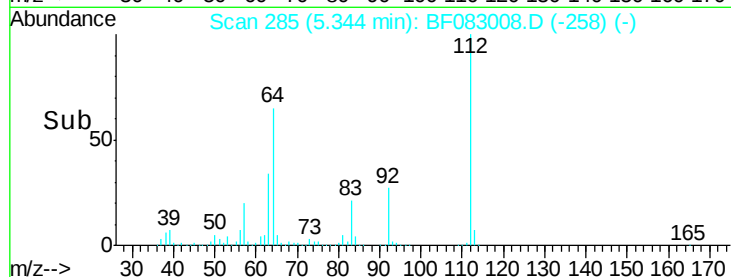
PB86622BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 64.8  | 48.9  | 73.3  |
| 63      | 33.8  | 28.1  | 42.1  |

Manual Integrations  
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#6

Aniline

Concen: 12.66 ng

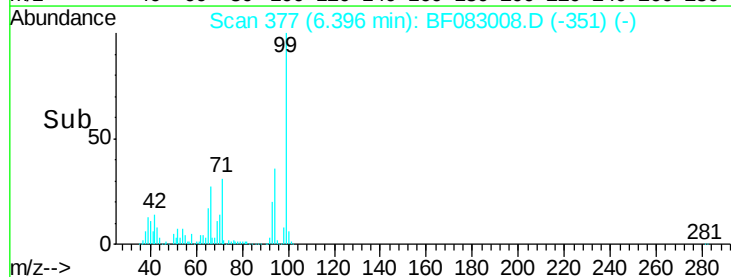
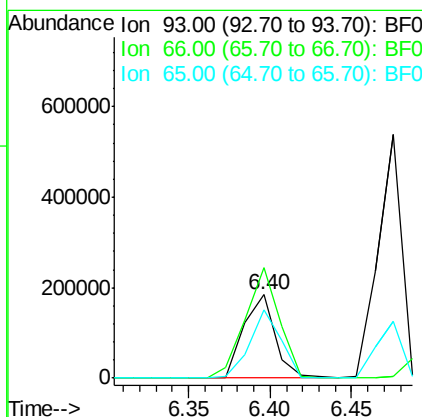
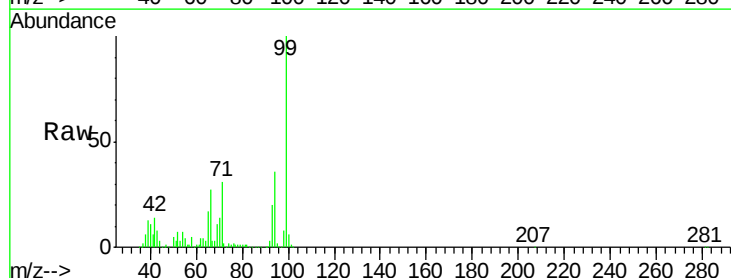
RT: 6.40 min Scan# 377

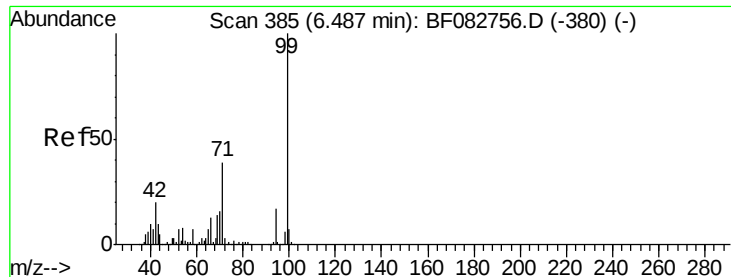
Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 66      | 132.1 | 33.6  | 50.4# |
| 65      | 81.8  | 18.1  | 27.1# |





#7

Phenol-d6

Concen: 118.82 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF083008.D

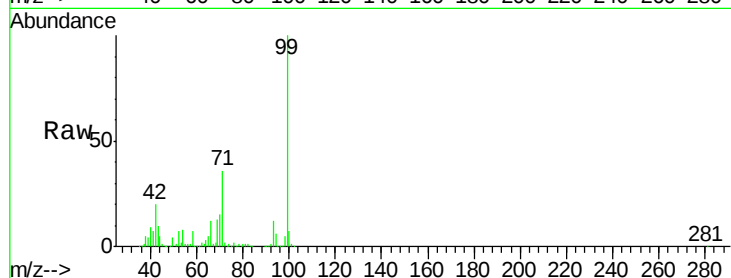
Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

ClientSampleId :

PB86622BS



Tgt Ion: 99 Resp: 1663258

Ion Ratio Lower Upper

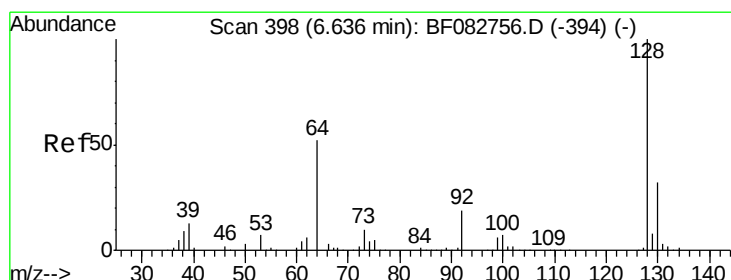
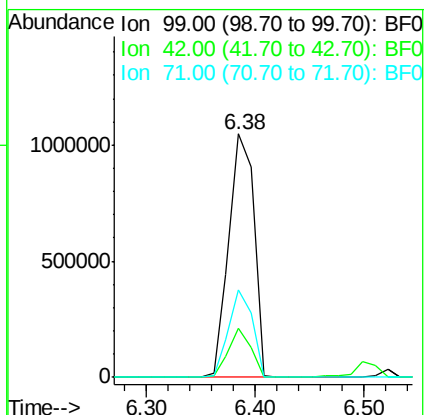
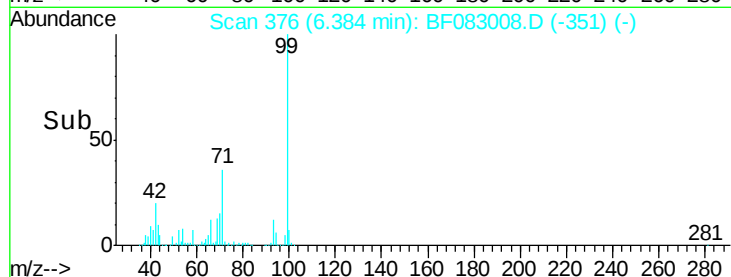
99 100

42 20.0 19.2 28.8

71 35.9 35.0 52.4

Manual Integrations  
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#8

2-Chlorophenol

Concen: 39.47 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

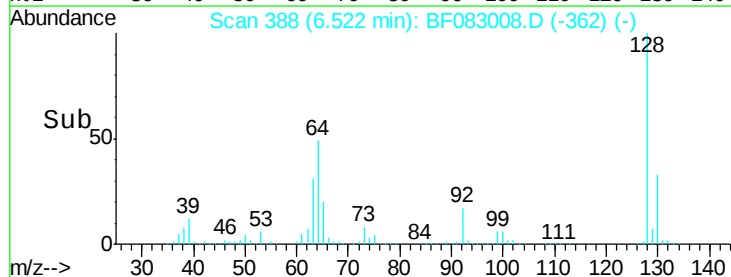
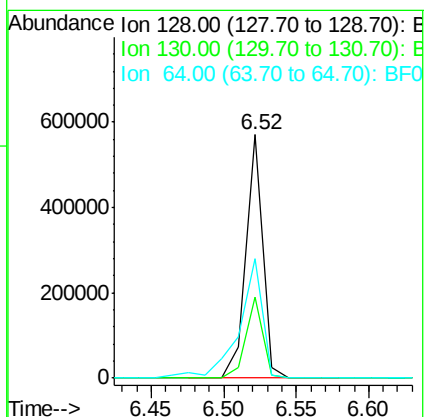
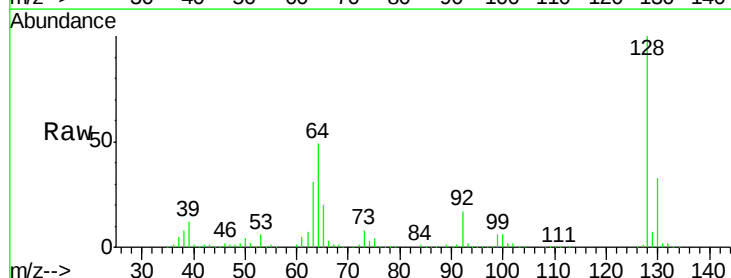
Tgt Ion: 128 Resp: 460707

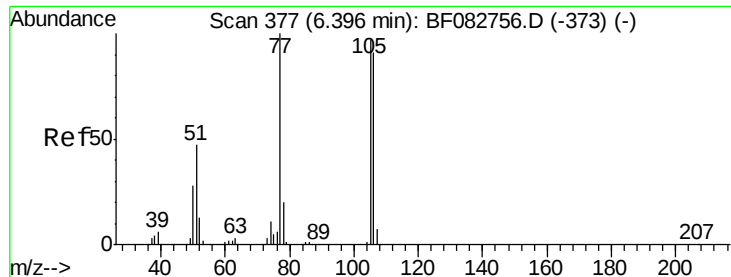
Ion Ratio Lower Upper

128 100

130 33.5 13.5 53.5

64 49.1 21.1 61.1





#9

Benzaldehyde

Concen: 48.52 ng

RT: 6.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

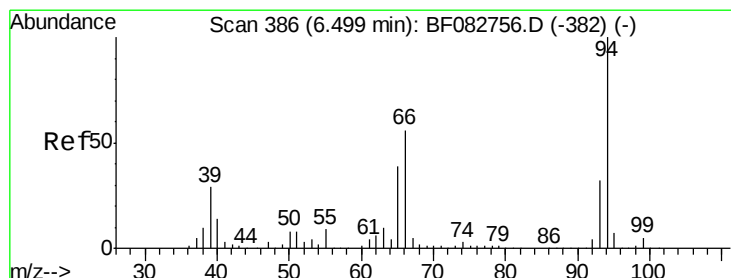
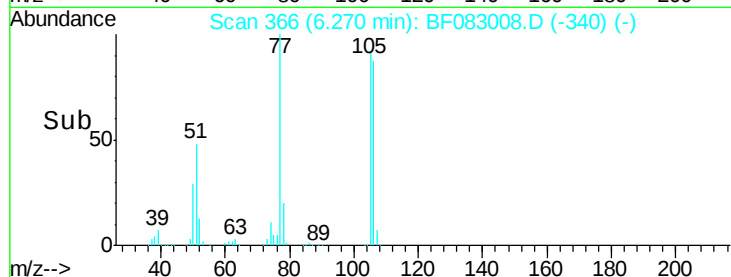
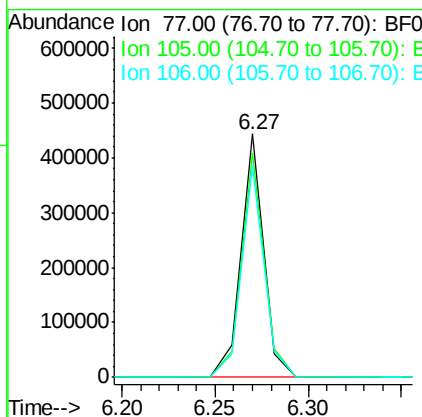
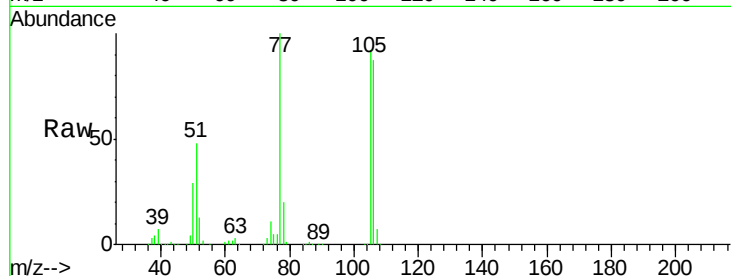
ClientSampleId :

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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 92.3  | 63.5  | 103.5 |
| 106     | 86.8  | 59.3  | 99.3  |



#10

Phenol

Concen: 32.68 ng

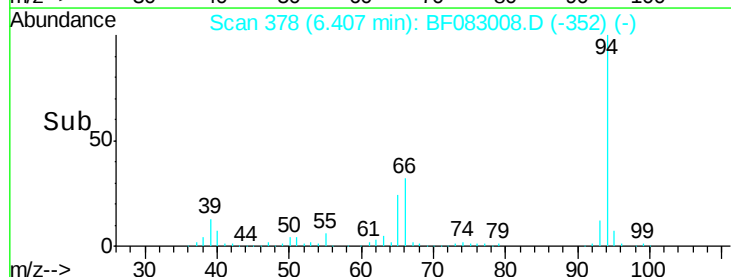
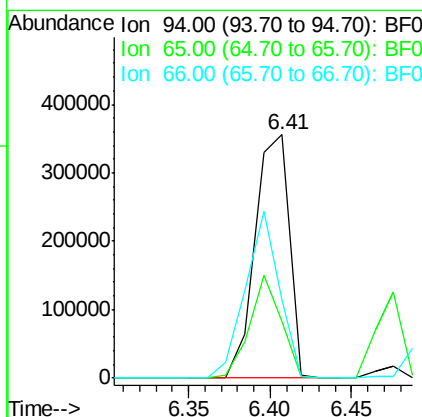
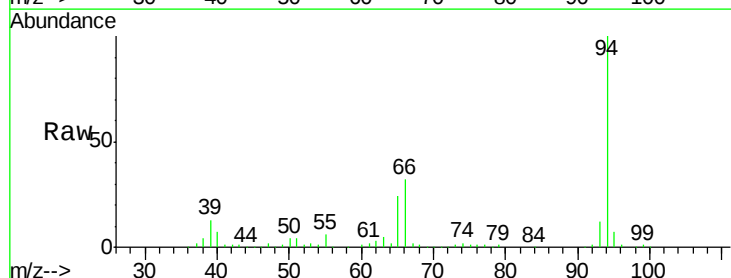
RT: 6.41 min Scan# 378

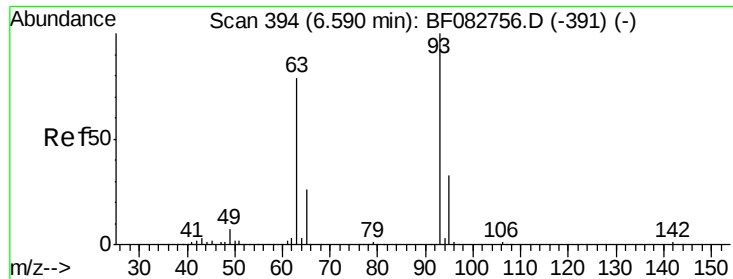
Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 23.5  | 18.9  | 58.9  |
| 66      | 32.2  | 34.9  | 74.9  |





#11

bis(2-Chloroethyl)ether

Concen: 45.07 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

ClientSampleId :

PB86622BS

Tgt Ion: 93 Resp: 535355  
Ion Ratio Lower Upper

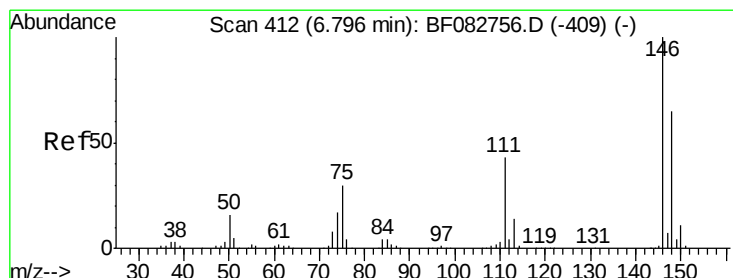
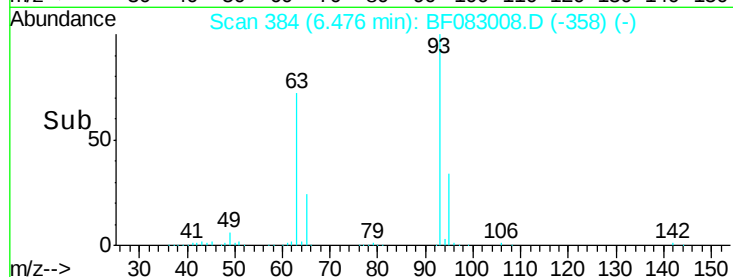
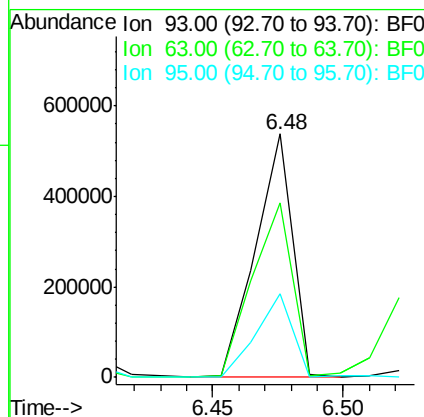
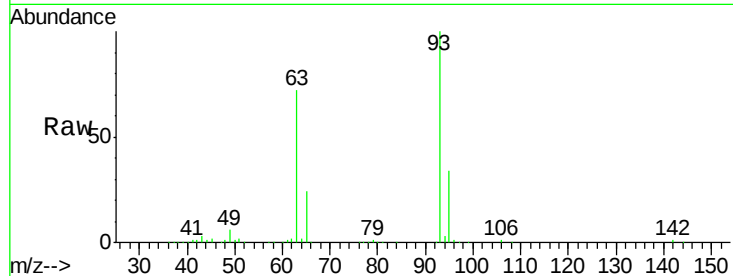
93 100

63 71.7 72.7 112.7#

95 34.4 12.0 52.0

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#12

1,3-Dichlorobenzene

Concen: 36.28 ng m

RT: 6.67 min Scan# 401

Delta R.T. 0.00 min

Lab File: BF083008.D

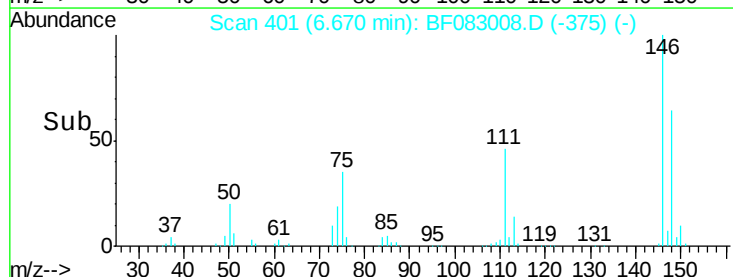
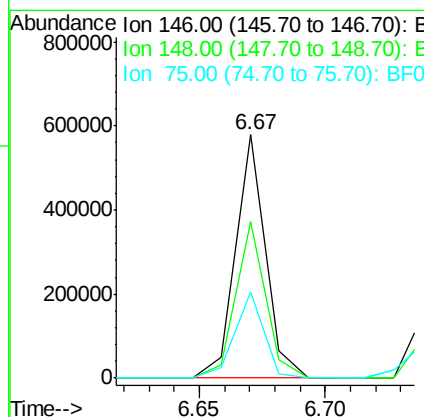
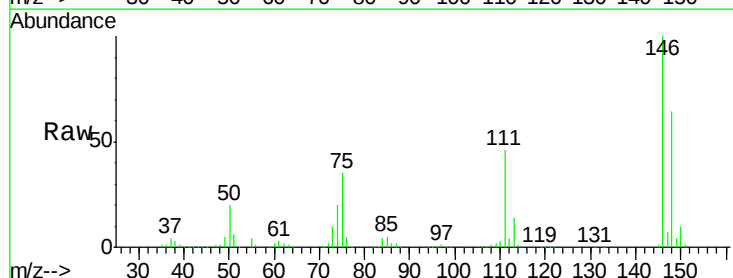
Acq: 18 Nov 2015 14:09

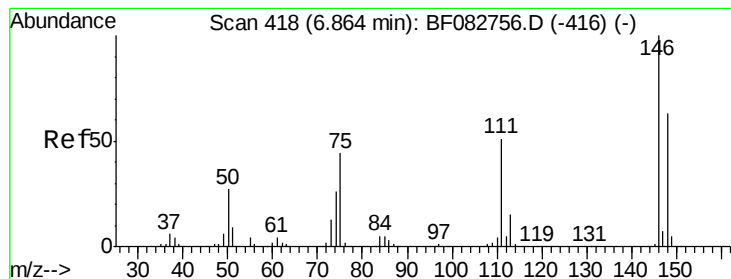
Tgt Ion: 146 Resp: 477686  
Ion Ratio Lower Upper

146 100

148 64.3 50.5 75.7

75 35.4 39.5 59.3#





#13

1,4-Dichlorobenzene

Concen: 38.26 ng

RT: 6.75 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF083008.D

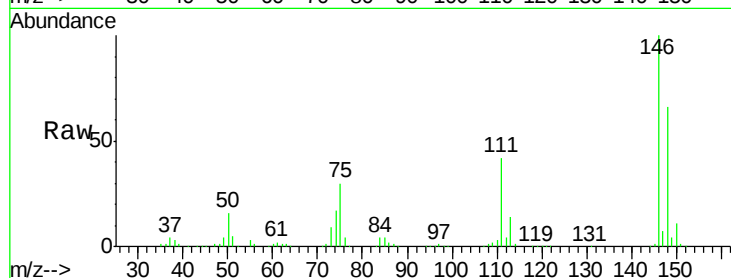
Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

ClientSampleId :

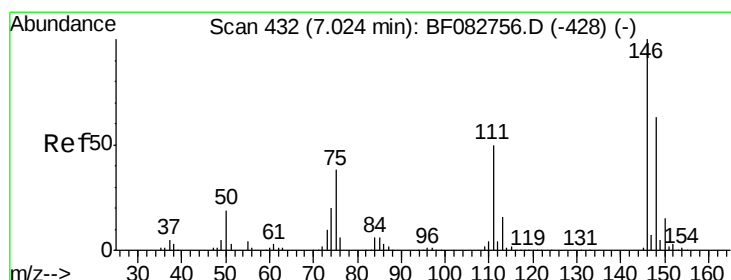
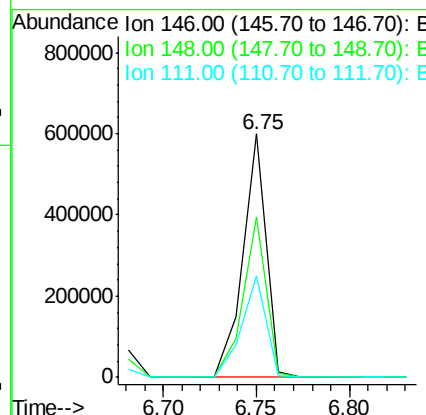
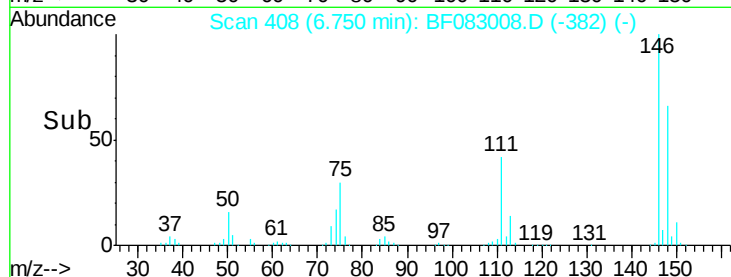
PB86622BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 524041 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.6  | 50.8  | 76.2   |
| 111       | 41.6  | 40.6  | 60.8   |

Manual Integrations  
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#14

1,2-Dichlorobenzene

Concen: 35.22 ng

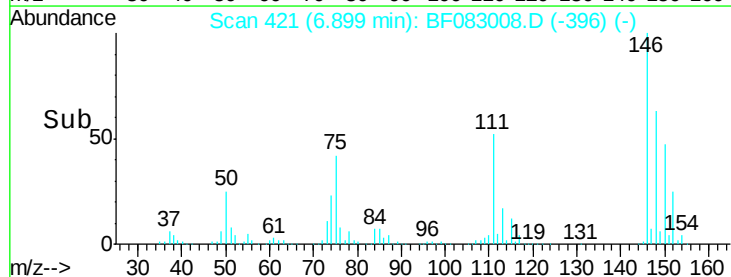
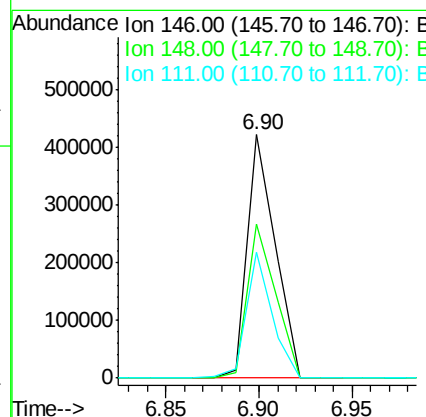
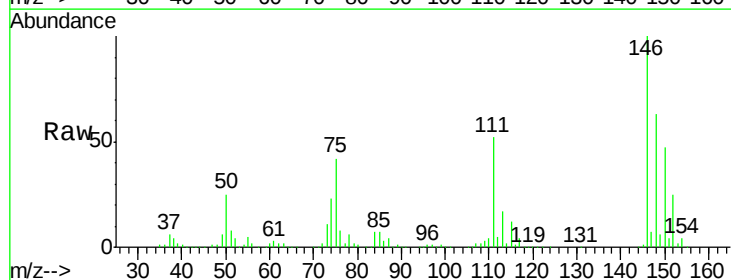
RT: 6.90 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 438674 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 63.3  | 52.2  | 78.4   |
| 111       | 51.8  | 36.6  | 55.0   |





#15

Benzyl Alcohol

Concen: 35.73 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

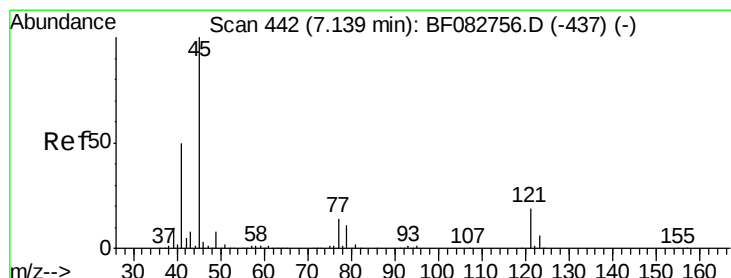
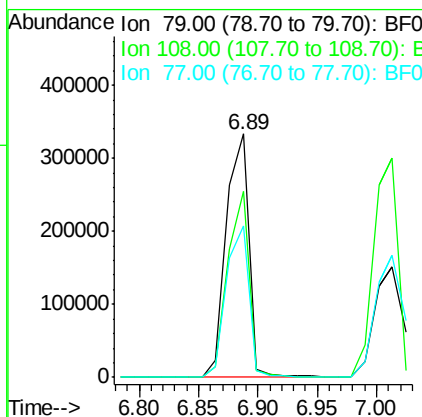
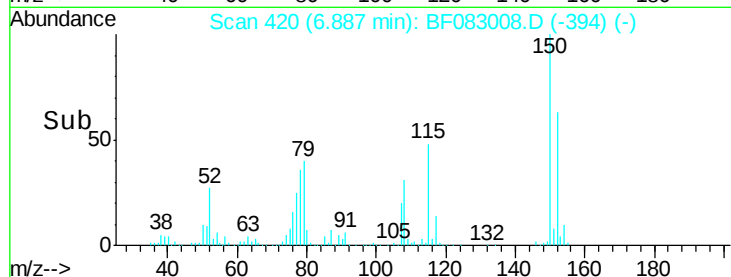
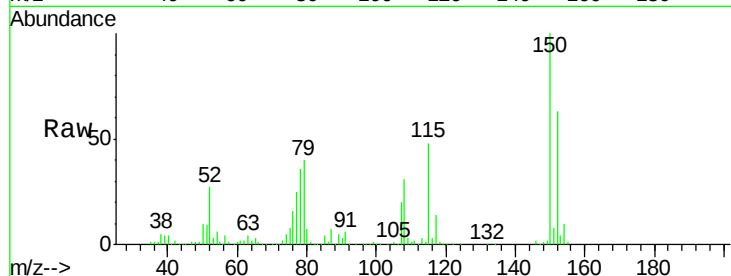
ClientSampleId :

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Manual Integrations  
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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 439224 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 108      | 76.3  | 52.2  | 78.4   |
| 77       | 62.2  | 52.7  | 79.1   |



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.87 ng

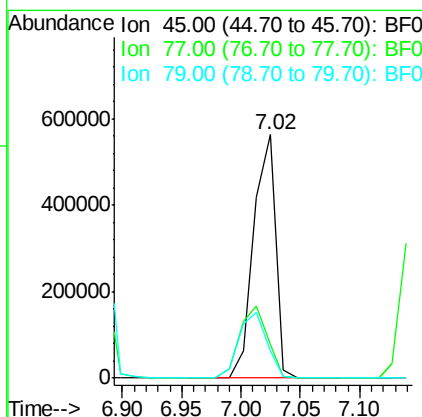
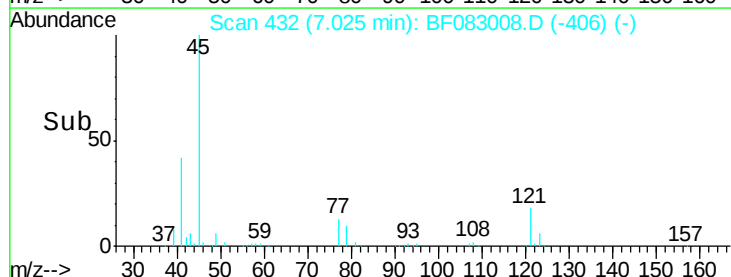
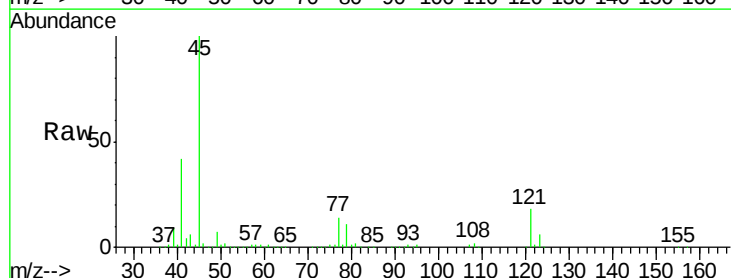
RT: 7.02 min Scan# 432

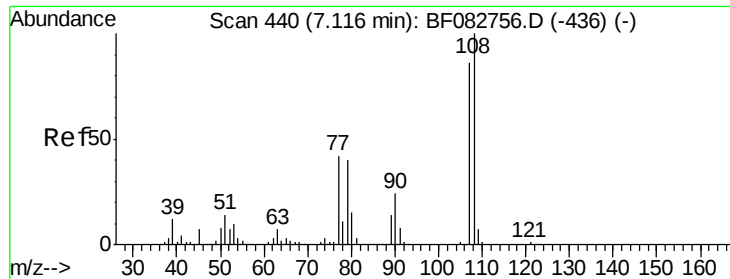
Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 729471 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 77       | 13.9  | 0.0   | 32.6   |
| 79       | 11.1  | 0.0   | 29.2   |





#17

2-Methylphenol

Concen: 37.26 ng

RT: 7.01 min Scan# 431

Delta R.T. 0.00 min

Lab File: BF083008.D

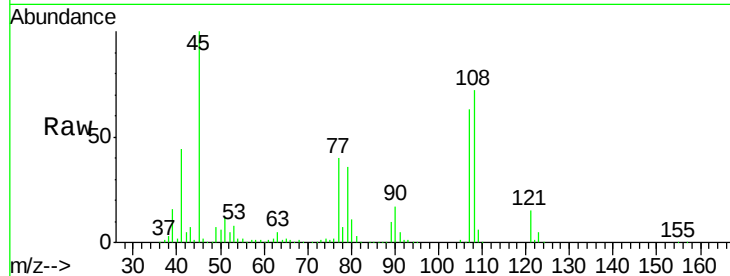
Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

ClientSampleId :

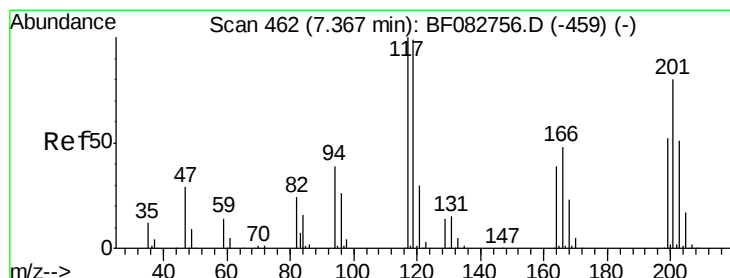
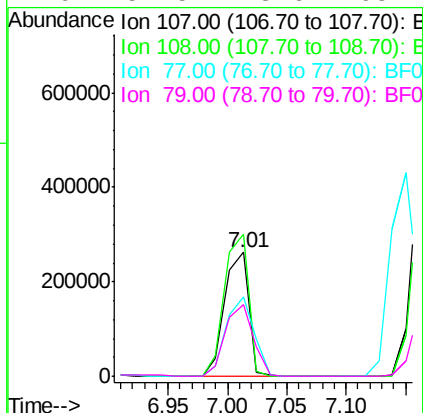
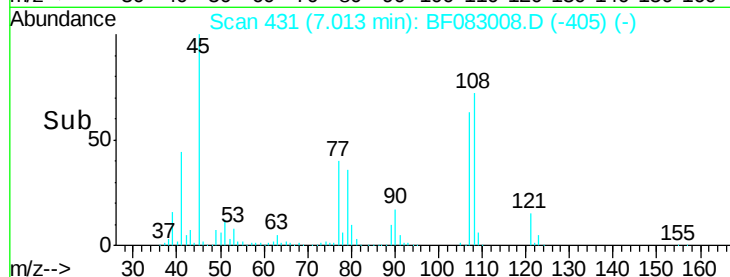
PB86622BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 368356 |       |       |
| 108     | 114.4 | 93.0   | 139.4 |       |
| 77      | 63.9  | 44.1   | 66.1  |       |
| 79      | 57.5  | 43.6   | 65.4  |       |

Manual Integrations  
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#18

Hexachloroethane

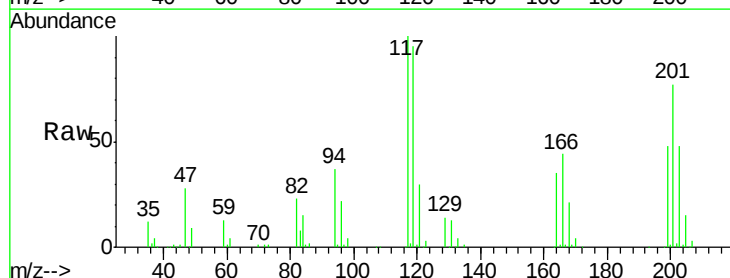
Concen: 34.71 ng

RT: 7.24 min Scan# 451

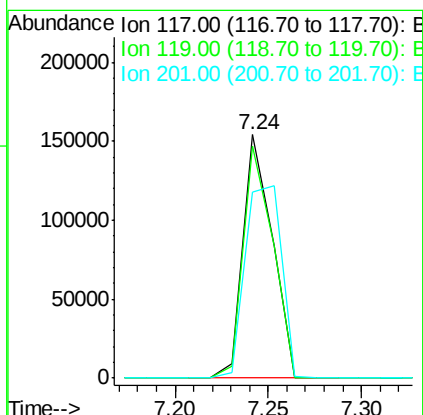
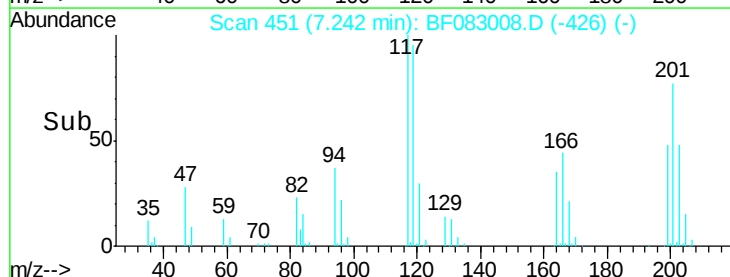
Delta R.T. -0.01 min

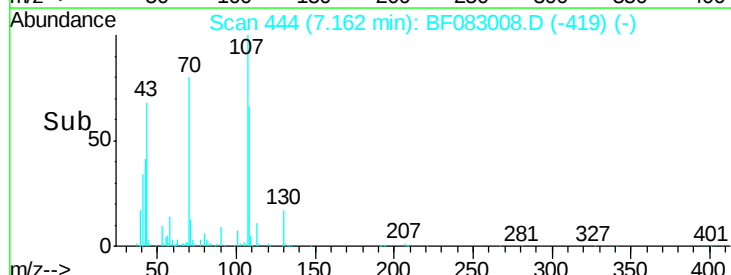
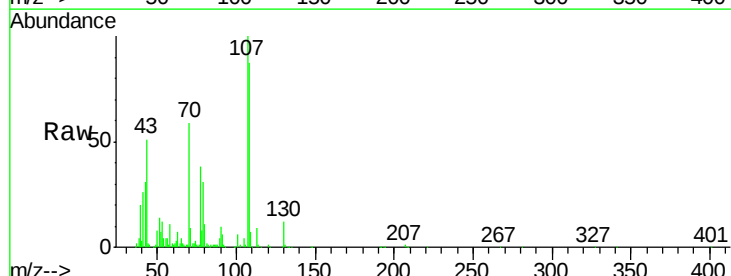
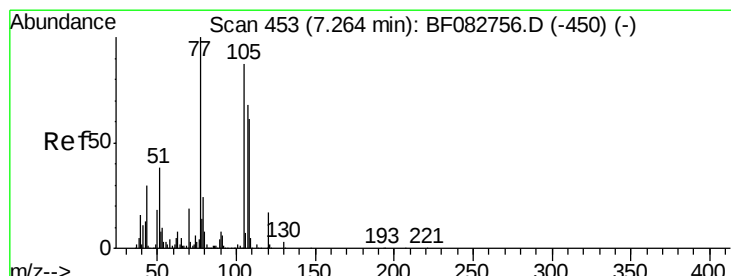
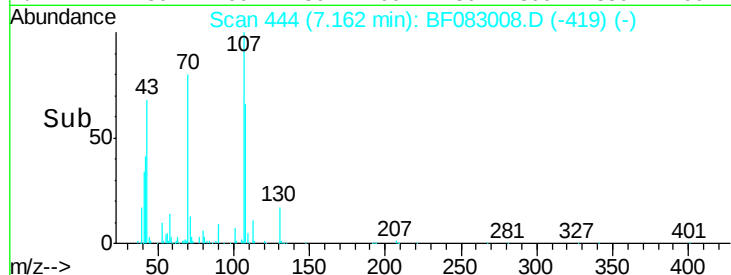
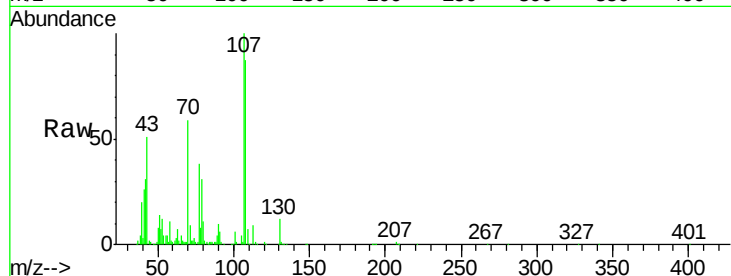
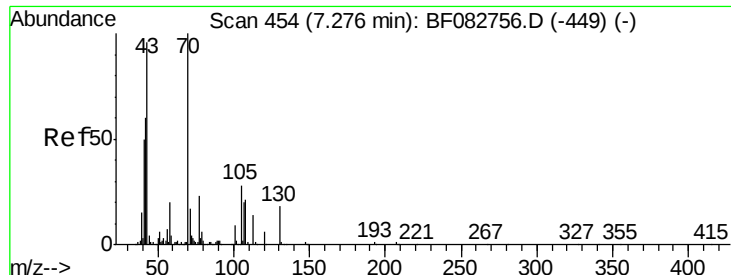
Lab File: BF083008.D

Acq: 18 Nov 2015 14:09



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 170027 |       |       |
| 119     | 95.4  | 77.7   | 116.5 |       |
| 201     | 76.5  | 66.7   | 100.1 |       |





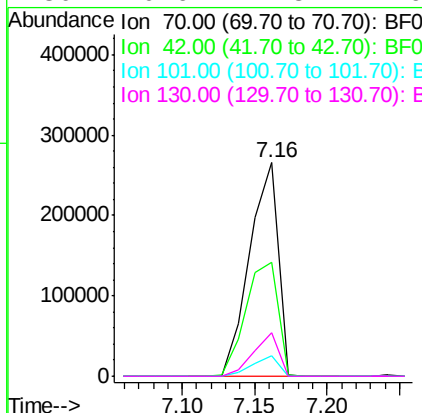
#19  
n-Nitroso-di-n-propylamine  
Concen: 35.36 ng  
RT: 7.16 min Scan# 444  
Delta R.T. -0.01 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB86622BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 53.3  | 57.7  | 86.5# |
| 101     | 9.5   | 7.0   | 10.6  |
| 130     | 20.6  | 11.8  | 17.6# |

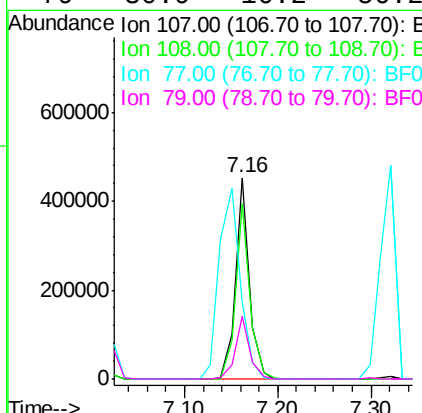
Manual Integrations  
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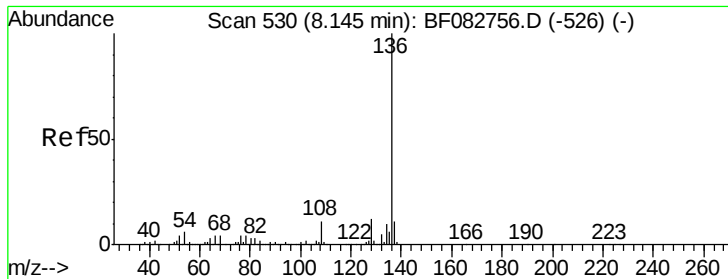
Mmdadoda  
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#20  
3+4-Methylphenols  
Concen: 36.88 ng  
RT: 7.16 min Scan# 444  
Delta R.T. -0.01 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 87.4  | 67.3  | 107.3  |
| 77      | 38.2  | 100.3 | 140.3# |
| 79      | 30.9  | 16.2  | 56.2   |





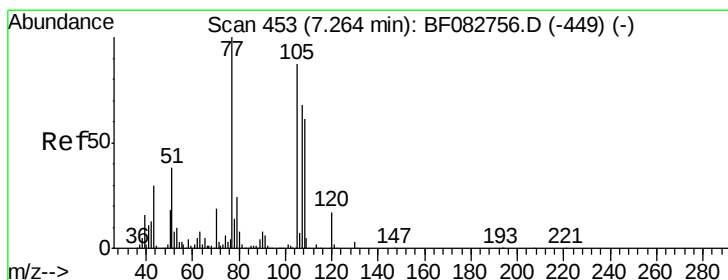
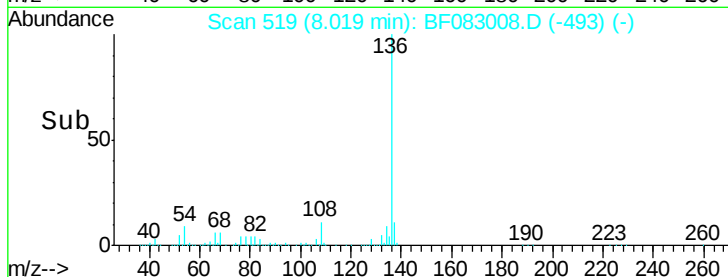
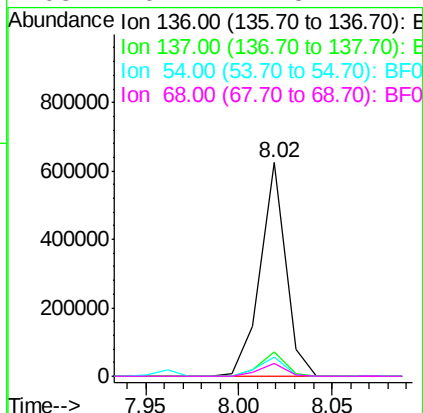
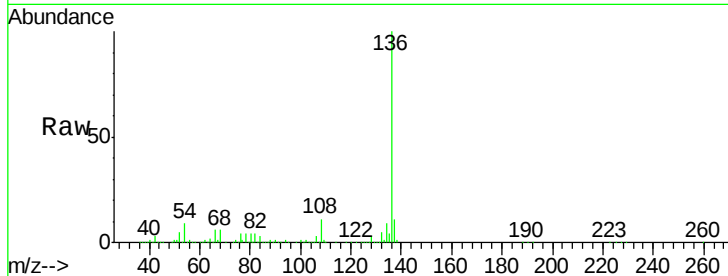
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.02 min Scan# 519  
Delta R.T. 0.00 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB86622BS

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 11.2  | 9.1        | 13.7  |
| 54      | 8.9   | 9.1        | 13.7# |
| 68      | 6.2   | 4.8        | 7.2   |

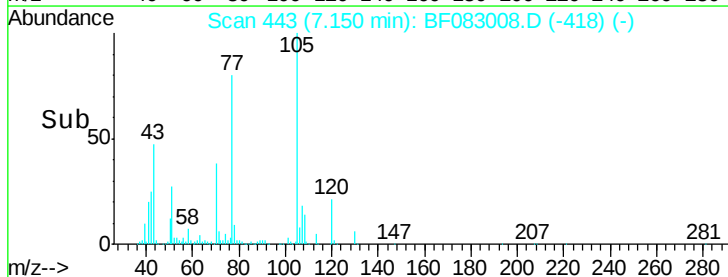
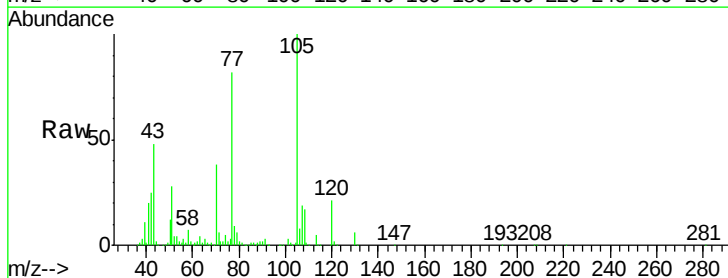
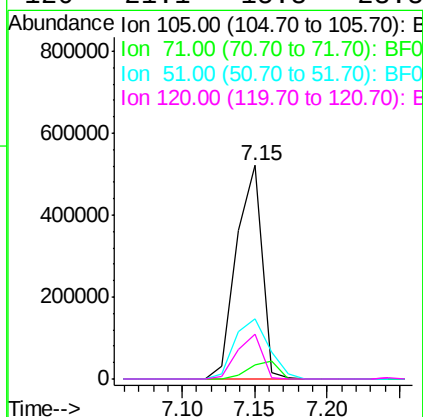
Manual Integrations  
APPROVED

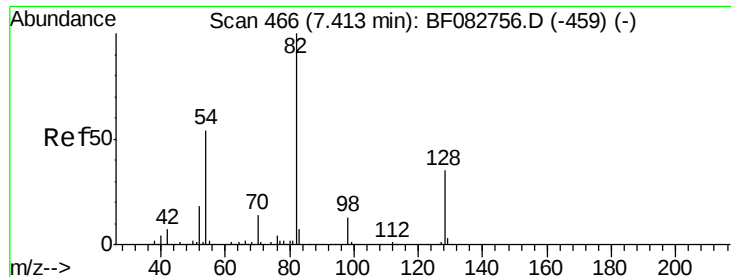
Mmdadoda  
11/19/2015 6:44:34 PM



#22  
Acetophenone  
Concen: 38.23 ng  
RT: 7.15 min Scan# 443  
Delta R.T. -0.01 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 71      | 6.4   | 5.6        | 8.4   |
| 51      | 28.4  | 24.9       | 37.3  |
| 120     | 21.1  | 15.8       | 23.8  |





#23

Nitrobenzene-d5

Concen: 72.46 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

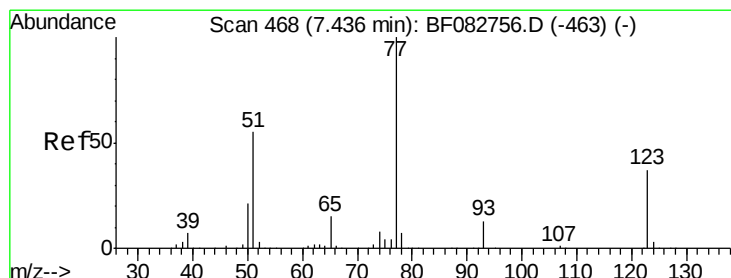
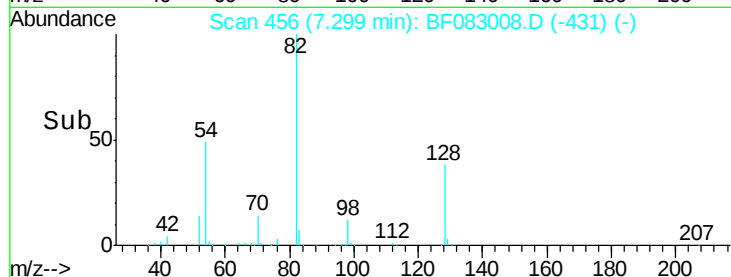
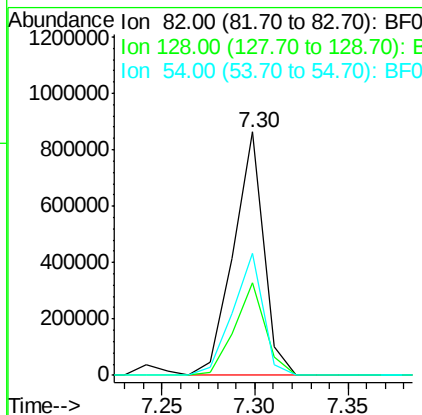
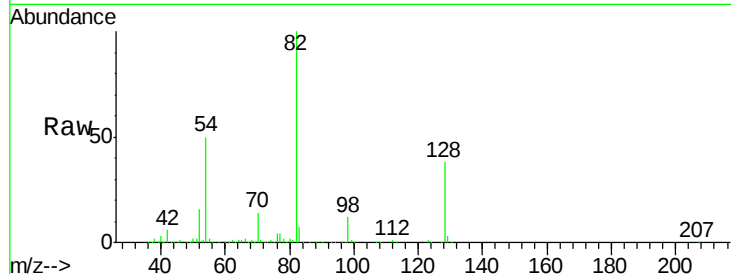
ClientSampleId :

PB86622BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 976661 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 38.1  | 26.8  | 40.2   |
| 54        | 50.4  | 45.7  | 68.5   |

Manual Integrations  
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#24

Nitrobenzene

Concen: 39.55 ng

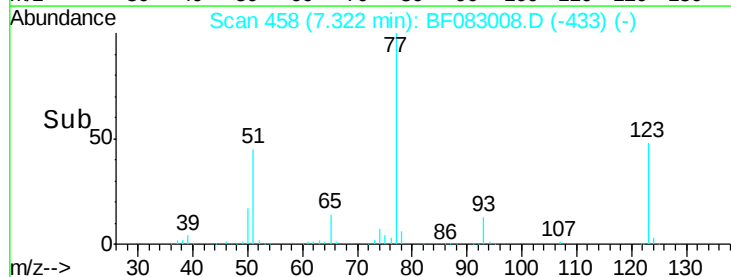
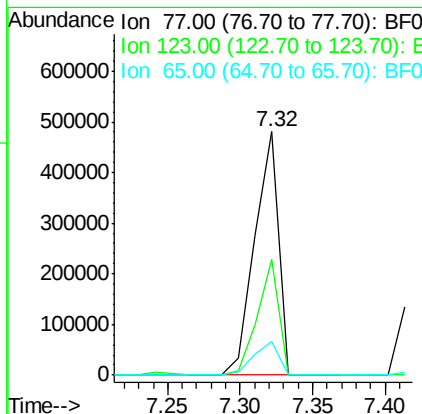
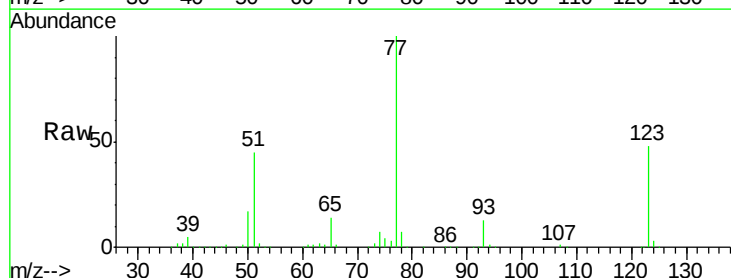
RT: 7.32 min Scan# 458

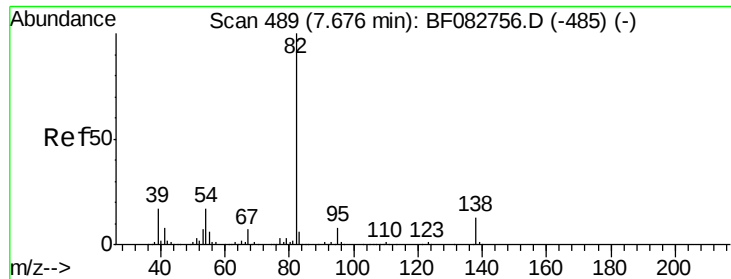
Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 545107 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 47.7  | 36.4  | 54.6   |
| 65        | 13.7  | 11.5  | 17.3   |





#25

Isophorone

Concen: 37.46 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.01 min

Lab File: BF083008.D

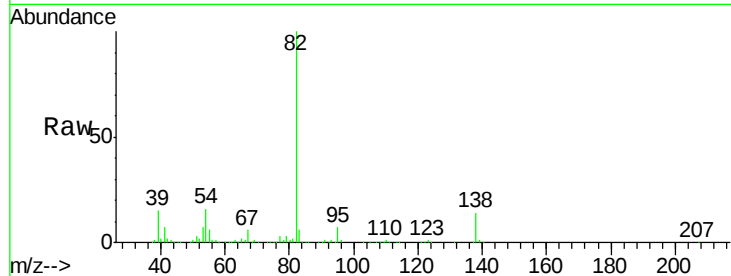
Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

ClientSampleId :

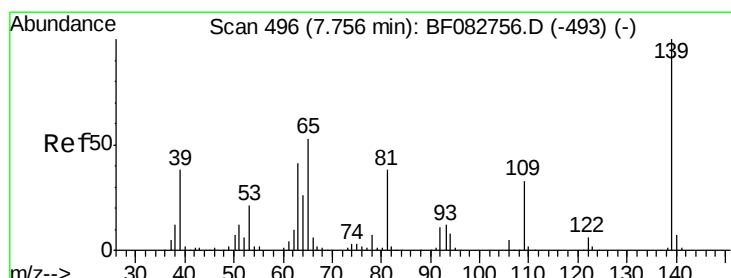
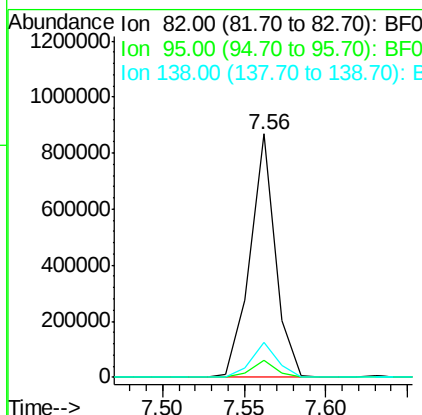
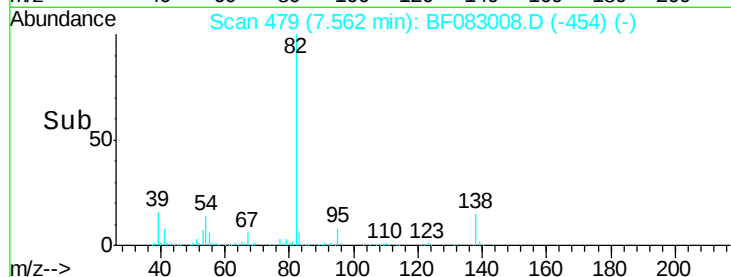
PB86622BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 934241 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.2   | 6.6   | 9.8    |
| 138       | 14.4  | 11.4  | 17.0   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 39.52 ng

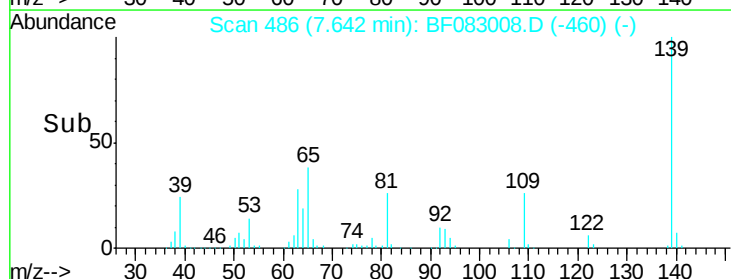
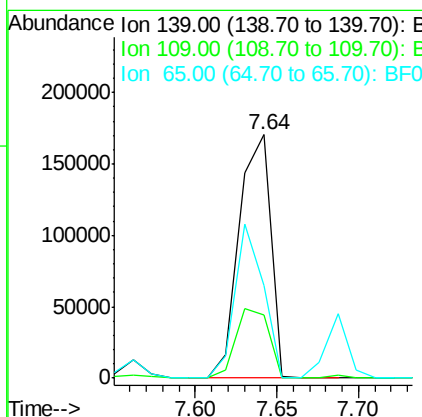
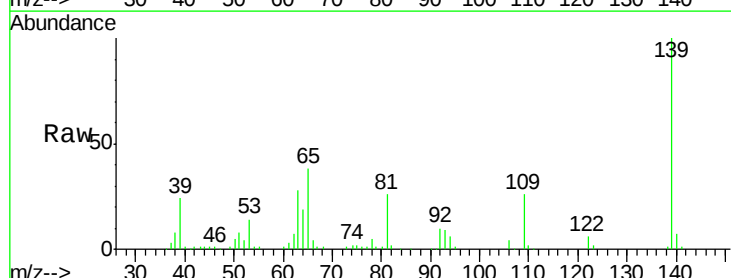
RT: 7.64 min Scan# 486

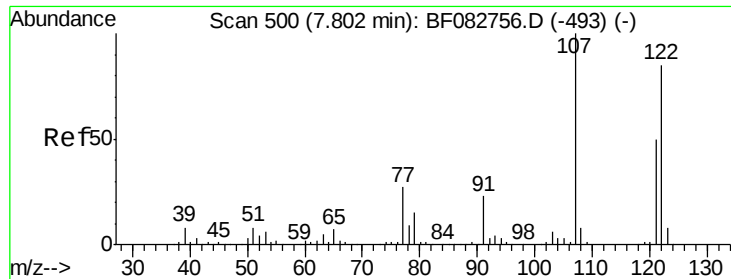
Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 227366 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 25.9  | 37.6  | 56.4#  |
| 65        | 38.2  | 70.6  | 105.8# |





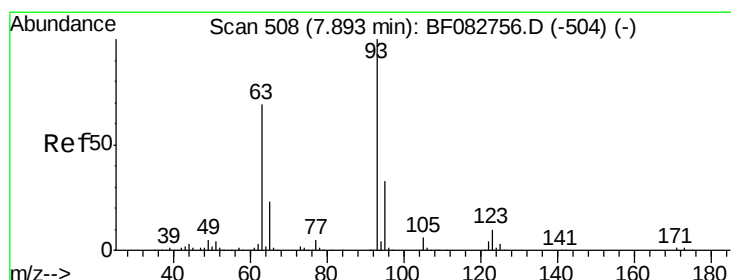
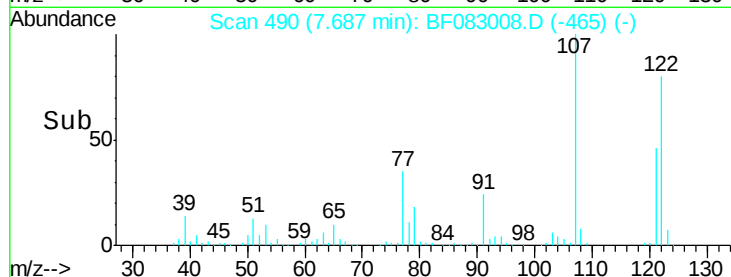
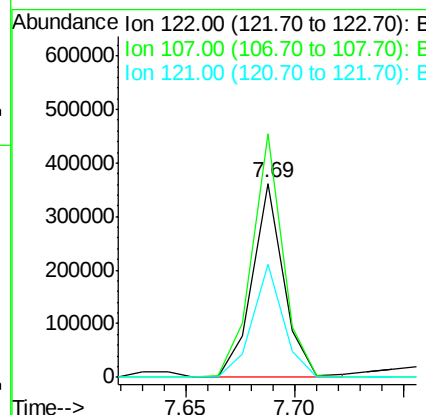
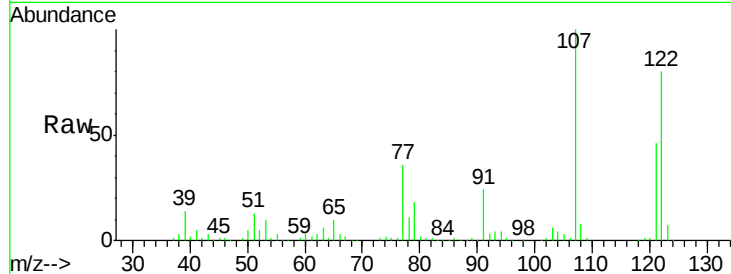
#27  
 2,4-Dimethylphenol  
 Concen: 35.42 ng  
 RT: 7.69 min Scan# 490  
 Delta R.T. -0.01 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86622BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 366115 |       |       |
| 107     | 125.3 | 106.0  | 159.0 |       |
| 121     | 58.0  | 46.7   | 70.1  |       |

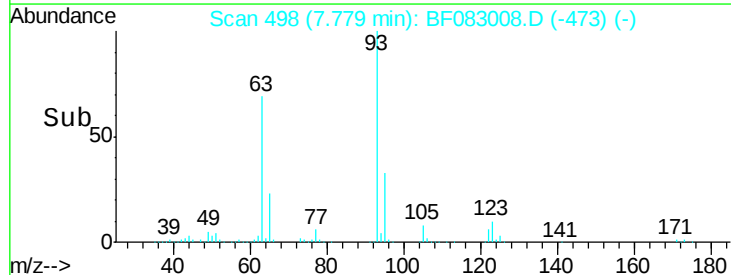
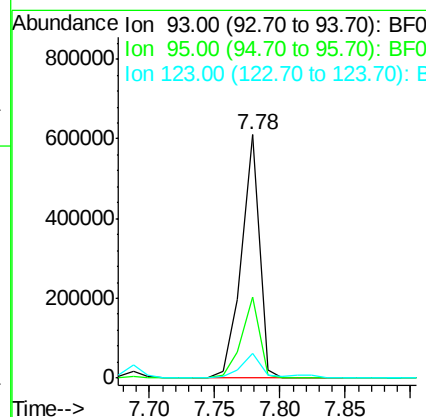
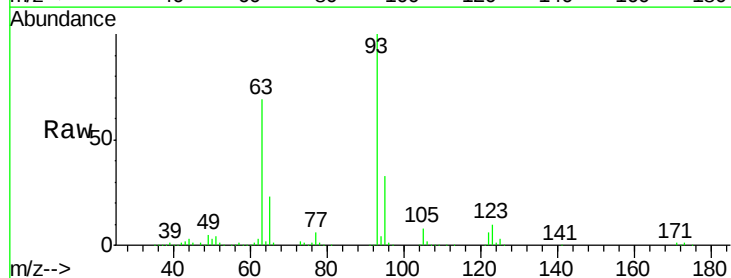
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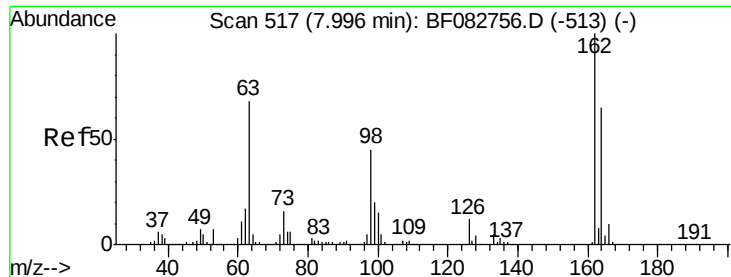
Mmdadoda  
 11/19/2015 6:44:34 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.31 ng  
 RT: 7.78 min Scan# 498  
 Delta R.T. -0.01 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 581055 |       |       |
| 95      | 33.5  | 26.6   | 40.0  |       |
| 123     | 10.1  | 9.7    | 14.5  |       |





#29

2,4-Dichlorophenol

Concen: 38.22 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

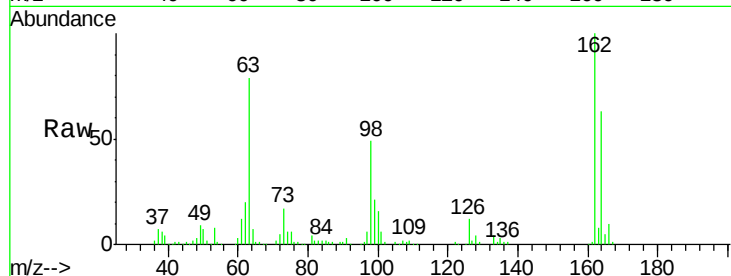
ClientSampleId :

PB86622BS

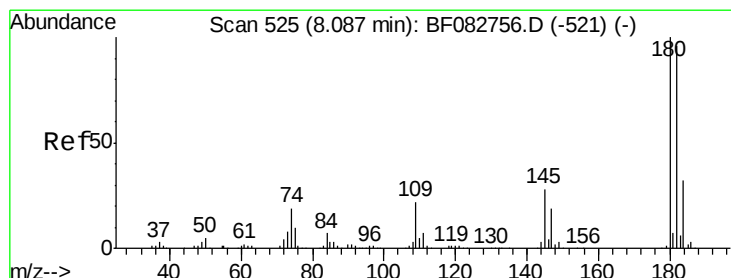
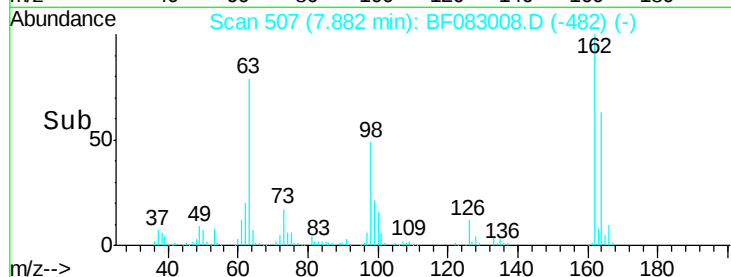
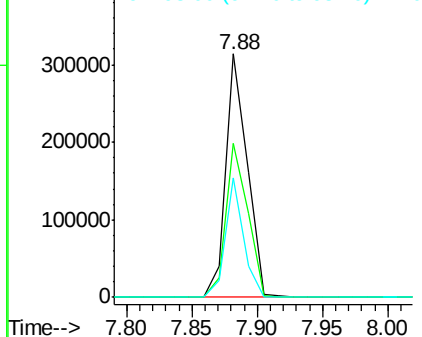
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 357049 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 63.4  | 46.8  | 86.8   |
| 98        | 48.9  | 12.5  | 52.5   |

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



#30

1,2,4-Trichlorobenzene

Concen: 36.83 ng

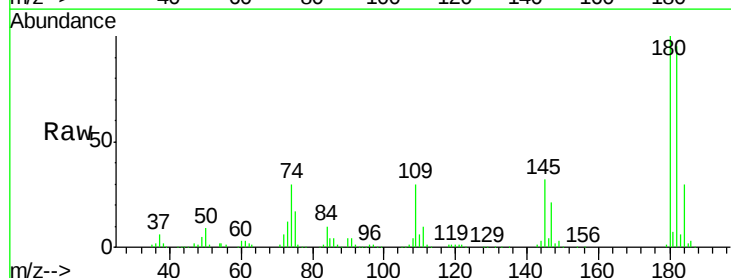
RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

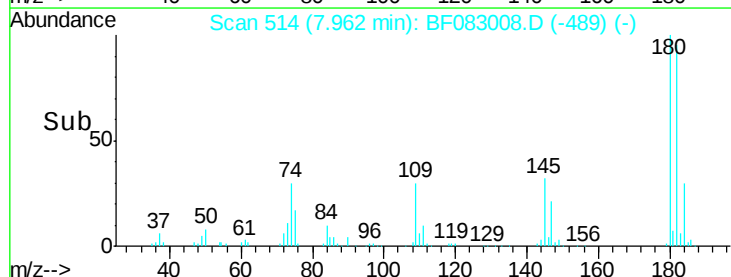
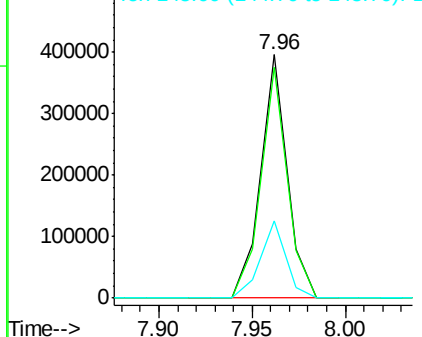
Lab File: BF083008.D

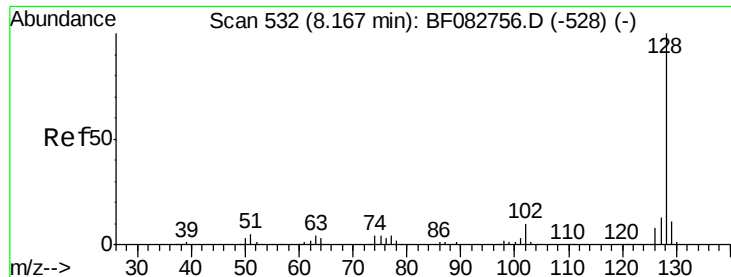
Acq: 18 Nov 2015 14:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 387012 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.7  | 74.9  | 112.3  |
| 145       | 31.6  | 27.8  | 41.8   |



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





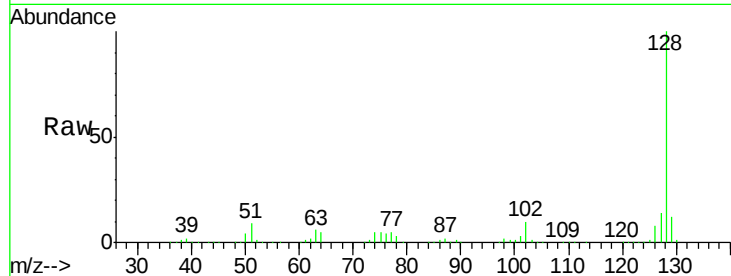
#31  
Naphthalene  
Concen: 38.73 ng  
RT: 8.04 min Scan# 521  
Delta R.T. 0.00 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB86622BS

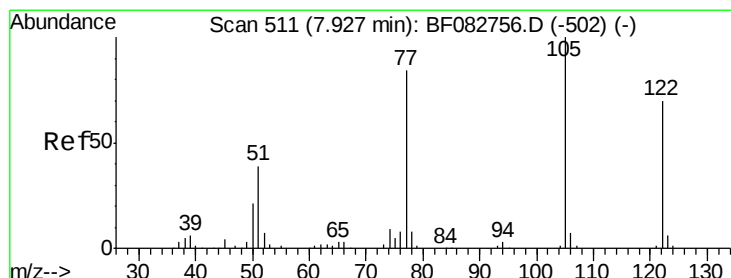
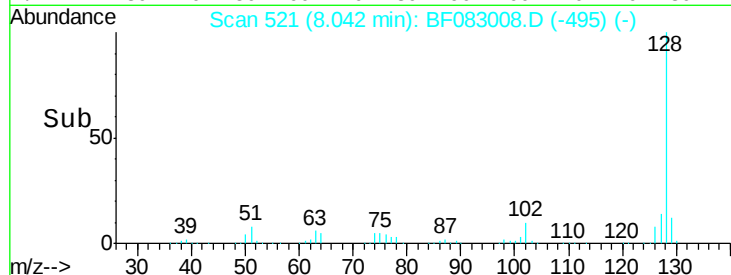
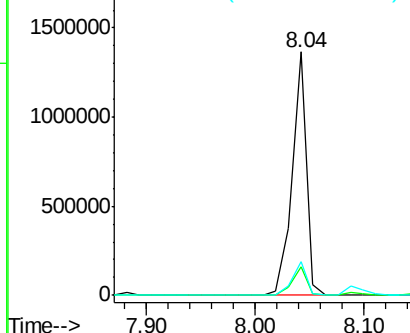
Tgt Ion:128 Resp: 1253341  
Ion Ratio Lower Upper  
128 100  
129 11.6 9.5 14.3  
127 13.6 11.4 17.0

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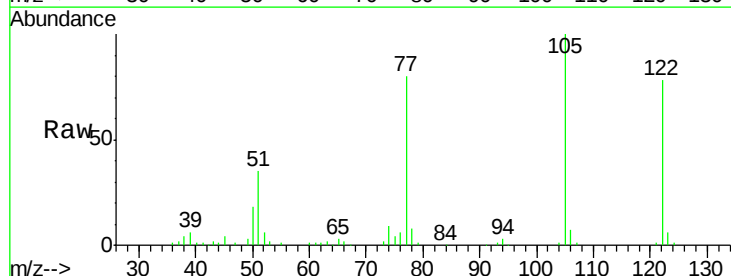


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

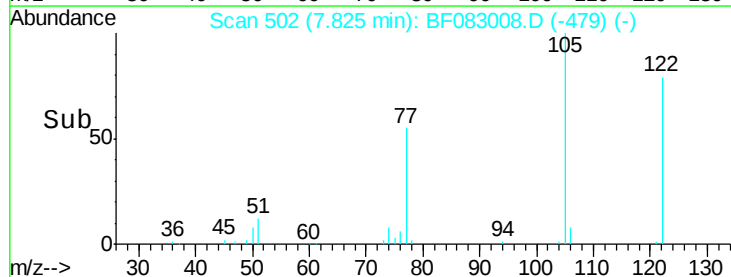
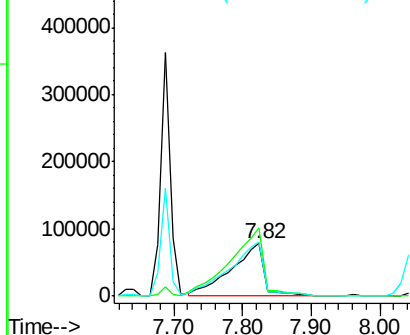


#32  
Benzoic acid  
Concen: 36.89 ng  
RT: 7.82 min Scan# 502  
Delta R.T. -0.03 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

Tgt Ion:122 Resp: 261102  
Ion Ratio Lower Upper  
122 100  
105 128.7 122.6 162.6  
77 103.6 100.9 140.9



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





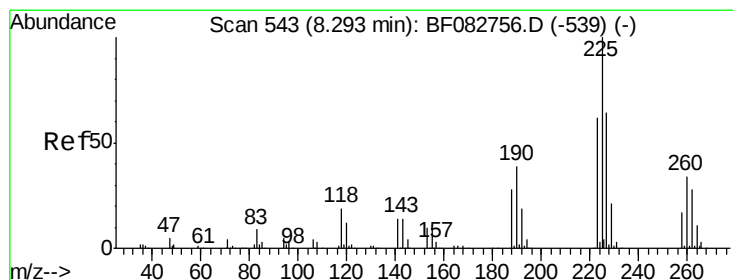
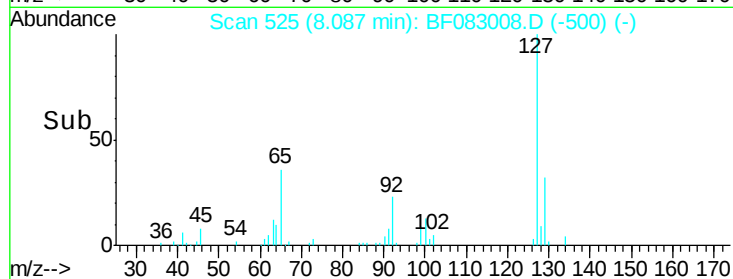
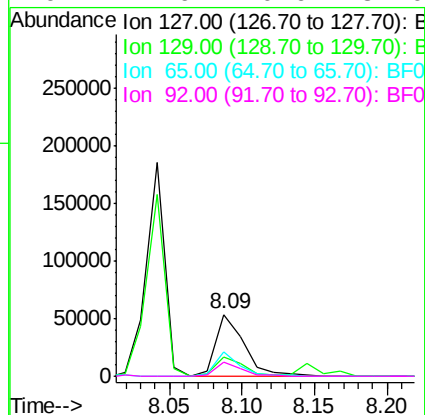
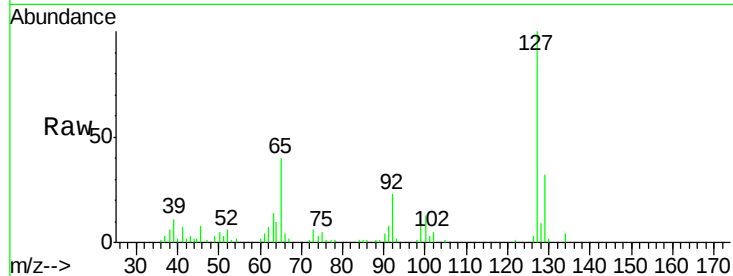
#33  
4-Chloroaniline  
Concen: 5.27 ng  
RT: 8.09 min Scan# 525  
Delta R.T. -0.01 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB86622BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 73459 |       |       |
| 129     | 32.0  | 26.3  | 39.5  |       |
| 65      | 39.8  | 37.8  | 56.8  |       |
| 92      | 22.6  | 20.6  | 31.0  |       |

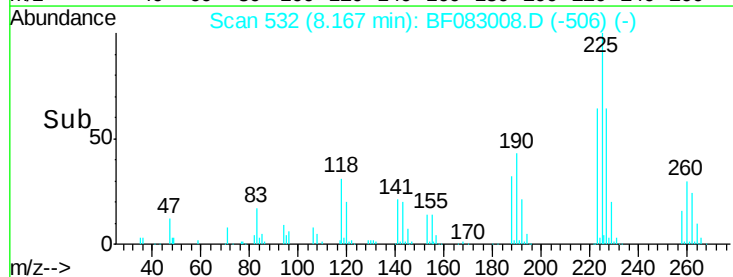
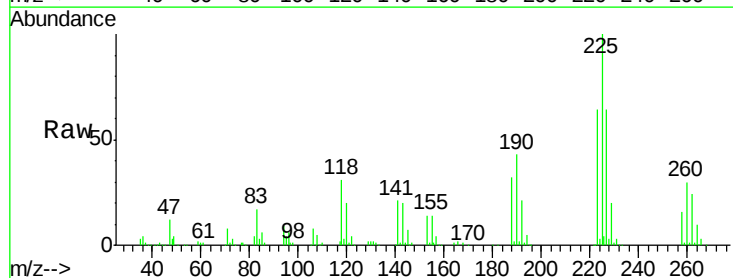
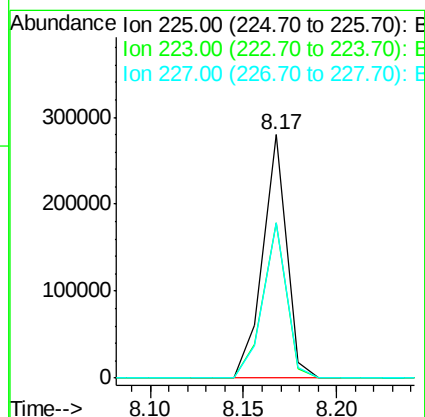
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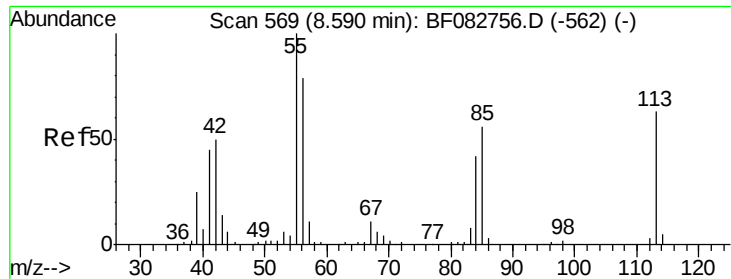
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#34  
Hexachlorobutadiene  
Concen: 37.66 ng  
RT: 8.17 min Scan# 532  
Delta R.T. 0.00 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 247618 |       |       |
| 223     | 63.7  | 50.5   | 75.7  |       |
| 227     | 63.8  | 50.2   | 75.2  |       |





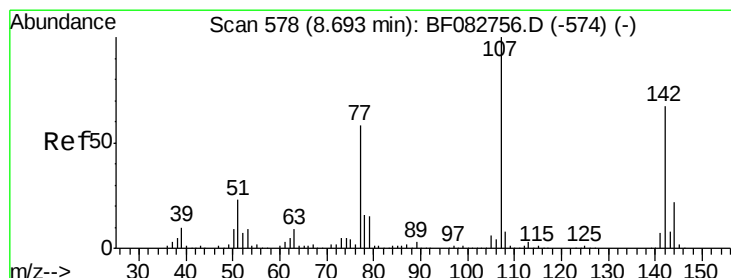
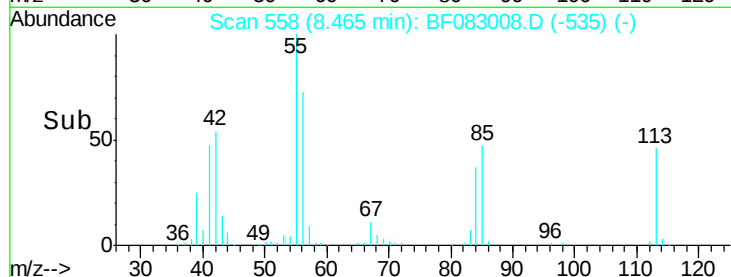
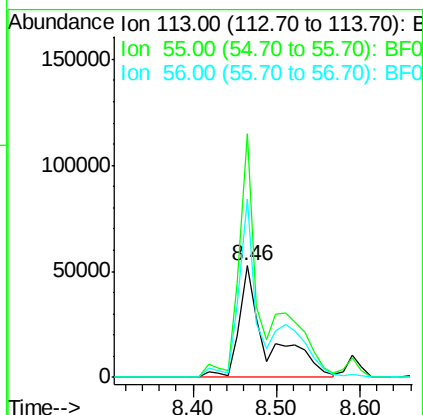
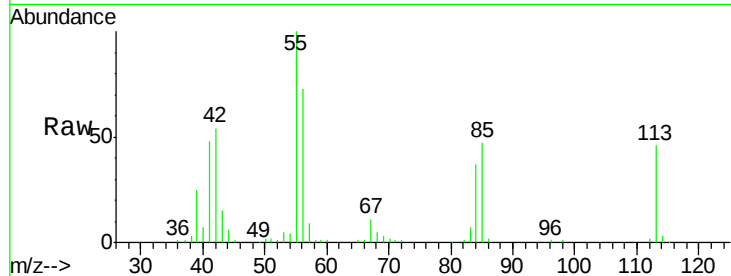
#35  
 Caprolactam  
 Concen: 42.37 ng m  
 RT: 8.46 min Scan# 558  
 Delta R.T. -0.03 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86622BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 218.8 | 195.5 | 235.5 |
| 56      | 160.7 | 153.5 | 193.5 |

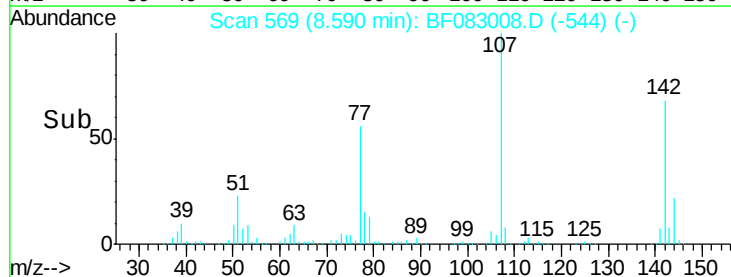
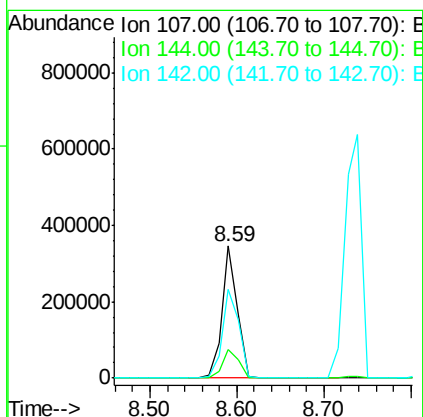
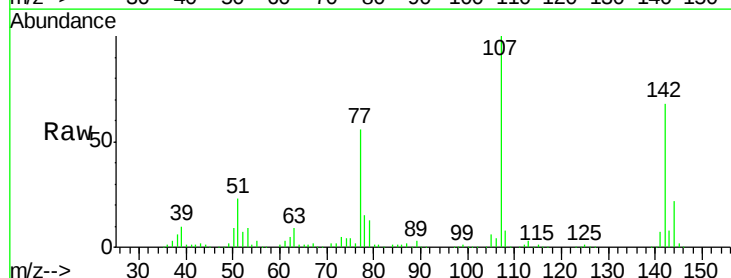
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#36  
 4-Chloro-3-methylphenol  
 Concen: 38.51 ng  
 RT: 8.59 min Scan# 569  
 Delta R.T. -0.01 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 21.9  | 15.4  | 23.0  |
| 142     | 67.7  | 47.8  | 71.8  |





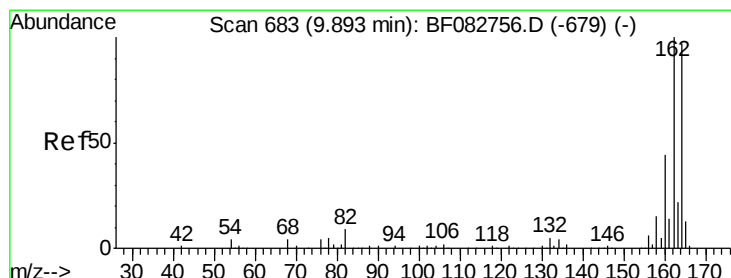
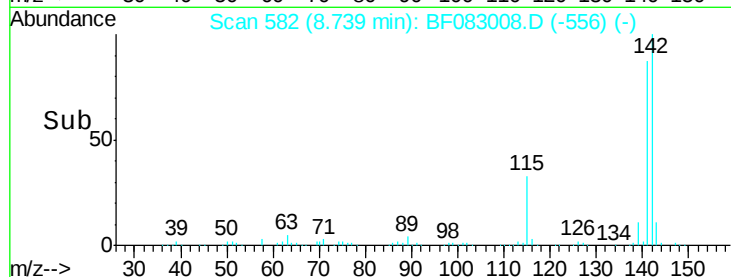
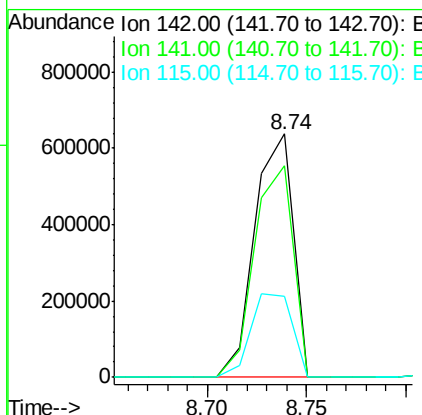
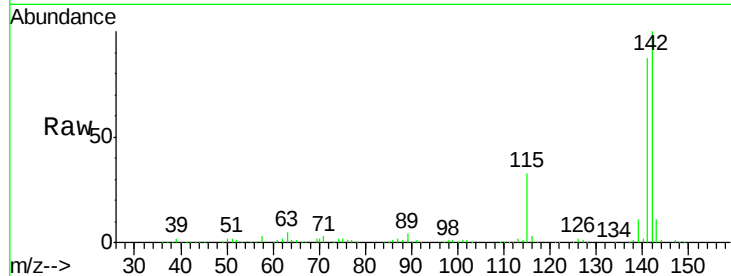
#37  
2-Methylnaphthalene  
Concen: 41.12 ng m  
RT: 8.74 min Scan# 582  
Delta R.T. 0.00 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB86622BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.8  | 72.3  | 108.5 |
| 115     | 33.4  | 38.1  | 57.1# |

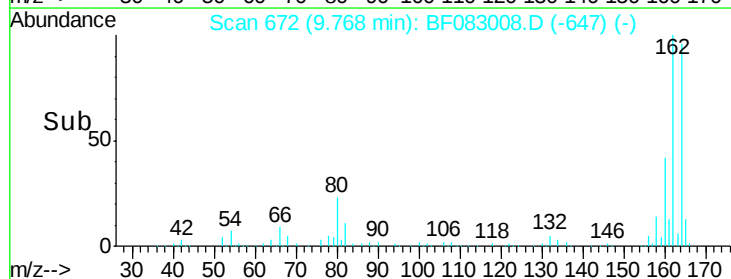
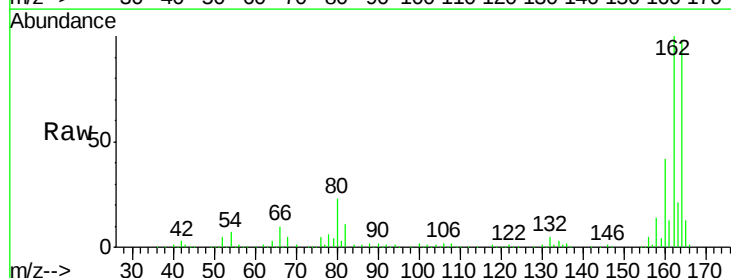
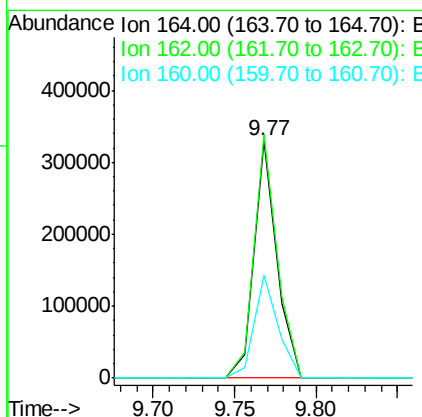
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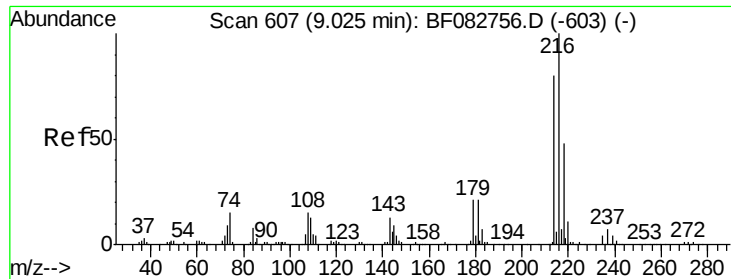
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.77 min Scan# 672  
Delta R.T. -0.01 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.6 | 84.9  | 127.3 |
| 160     | 43.4  | 37.5  | 56.3  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.05 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.01 min

Lab File: BF083008.D

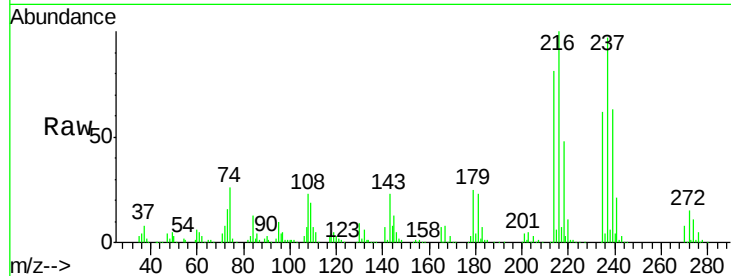
Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

ClientSampleId :

PB86622BS



Tgt Ion: 216 Resp: 370032

Ion Ratio Lower Upper

216 100

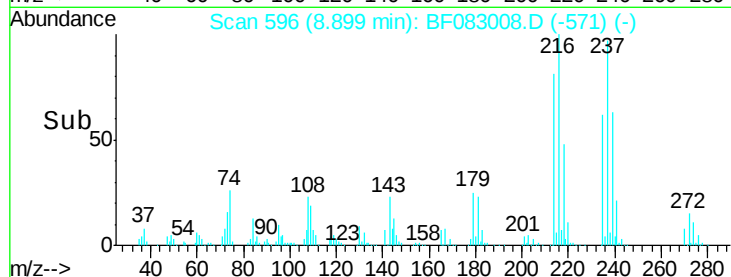
214 79.1 62.2 93.2

179 22.1 18.1 27.1

108 22.0 16.6 25.0

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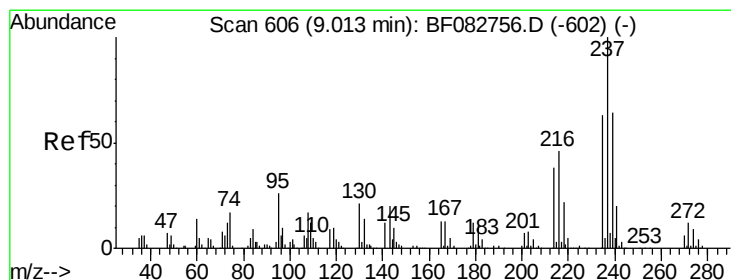
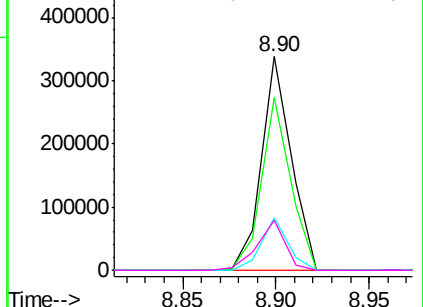


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 76.87 ng

RT: 8.90 min Scan# 596

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

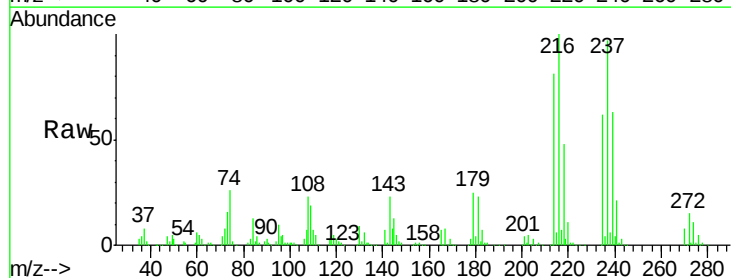
Tgt Ion: 237 Resp: 436006

Ion Ratio Lower Upper

237 100

235 63.7 44.3 84.3

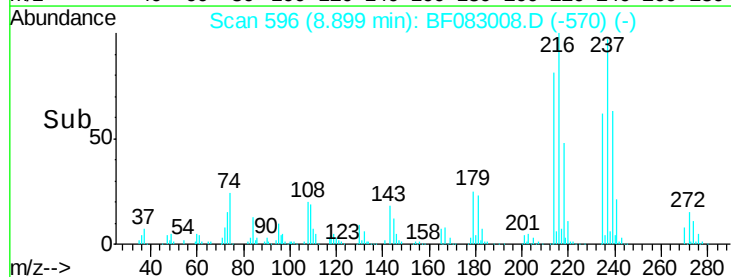
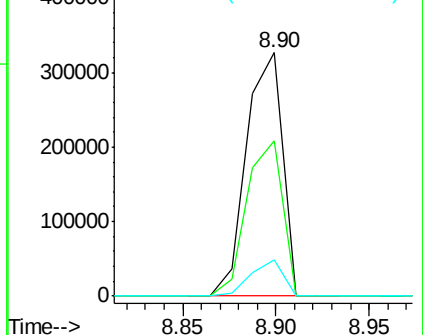
272 15.1 0.0 31.9

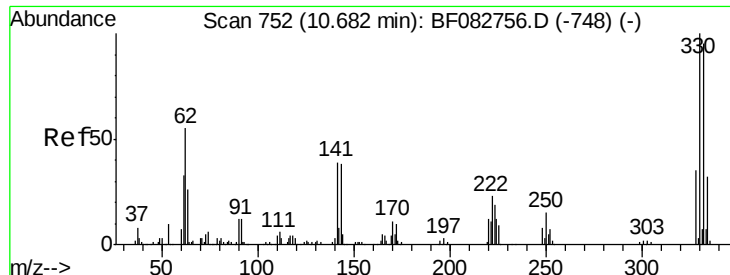


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





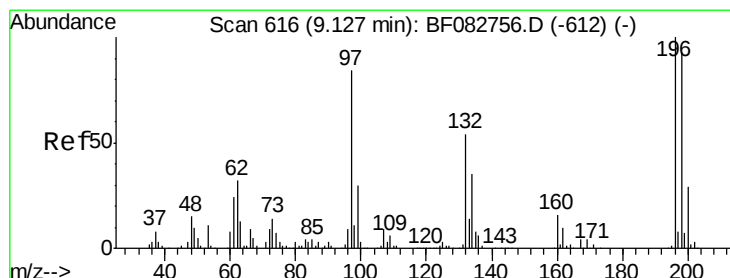
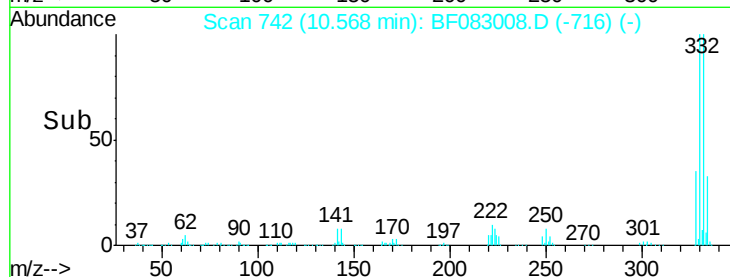
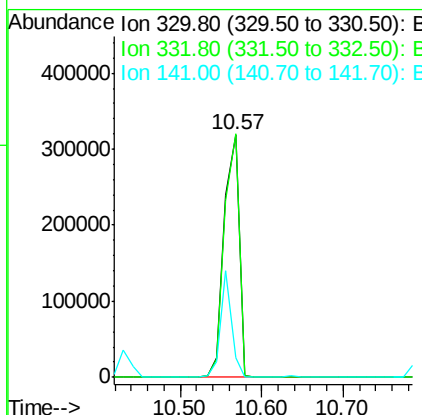
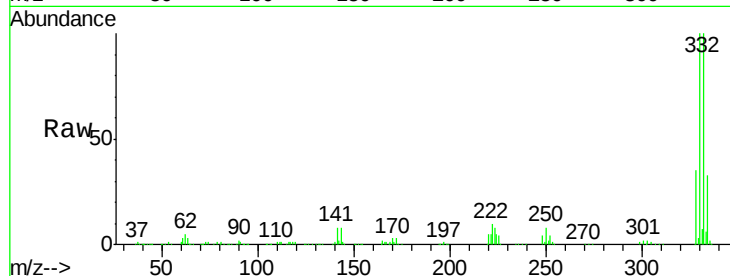
#41  
 2,4,6-Tribromophenol  
 Concen: 110.28 ng  
 RT: 10.57 min Scan# 742  
 Delta R.T. 0.00 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86622BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 406251 |       |       |
| 332     | 98.6  | 76.6   | 114.8 |       |
| 141     | 32.1  | 41.2   | 61.8# |       |

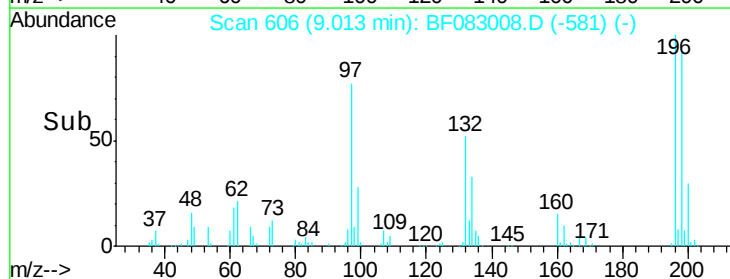
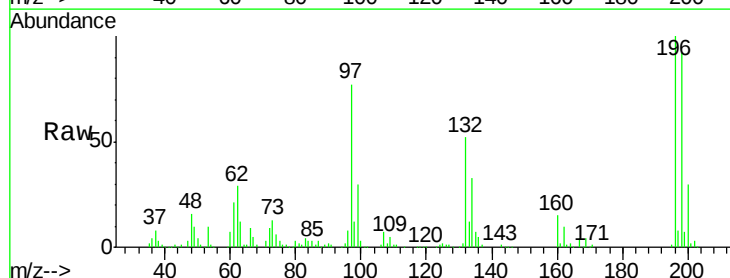
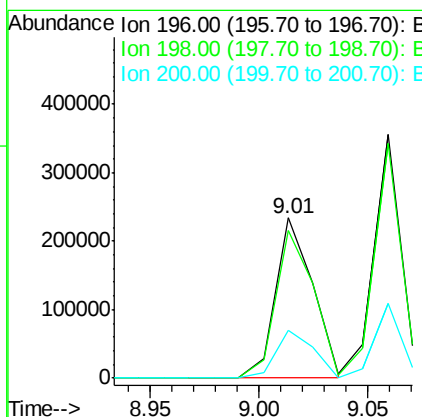
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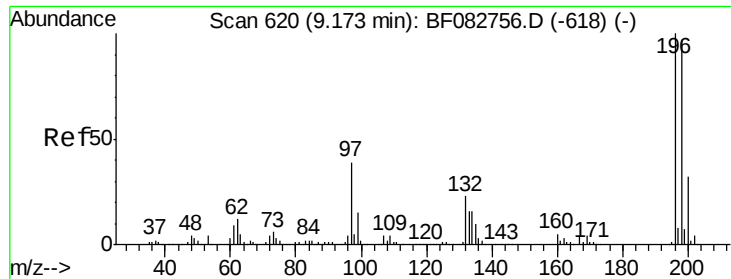
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#42  
 2,4,6-Trichlorophenol  
 Concen: 35.47 ng  
 RT: 9.01 min Scan# 606  
 Delta R.T. -0.01 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

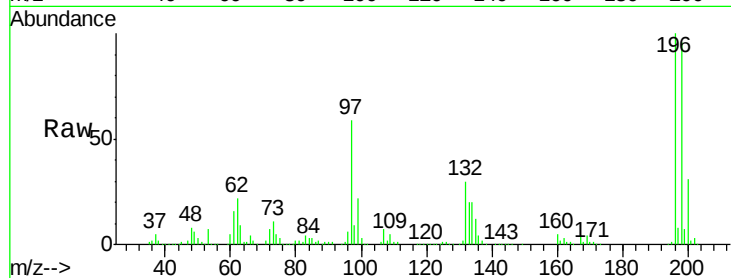
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 279557 |       |       |
| 198     | 92.4  | 76.3   | 114.5 |       |
| 200     | 29.6  | 23.9   | 35.9  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 40.29 ng  
 RT: 9.06 min Scan# 610  
 Delta R.T. -0.01 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

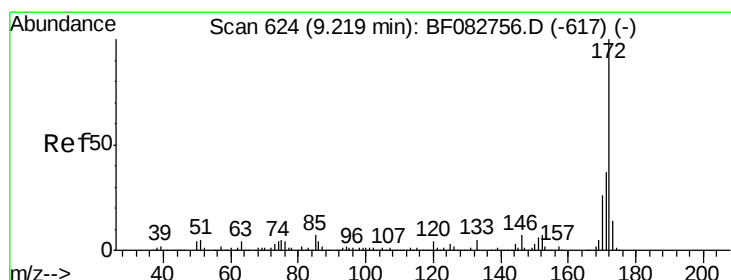
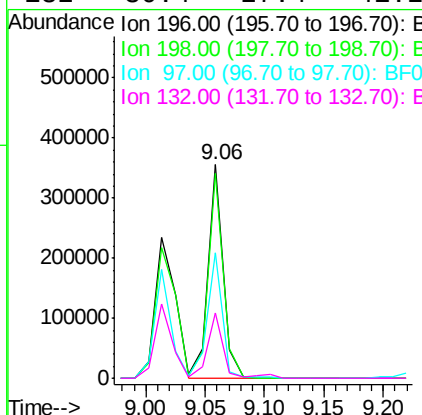
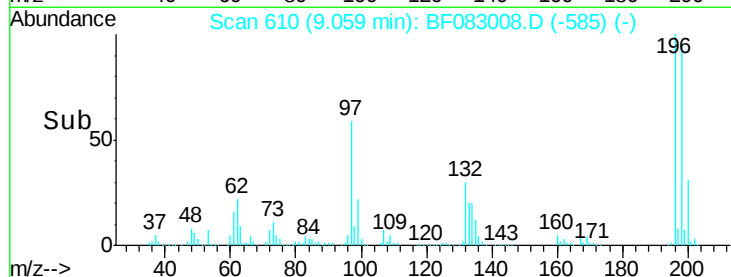
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86622BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 314073 |       |       |
| 198     | 96.2  | 75.8   | 113.8 |       |
| 97      | 58.6  | 62.3   | 93.5  |       |
| 132     | 30.4  | 27.4   | 41.2  |       |

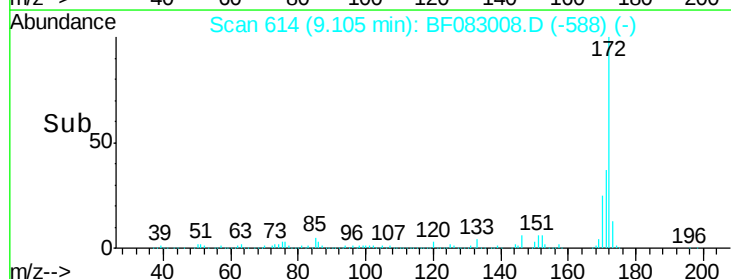
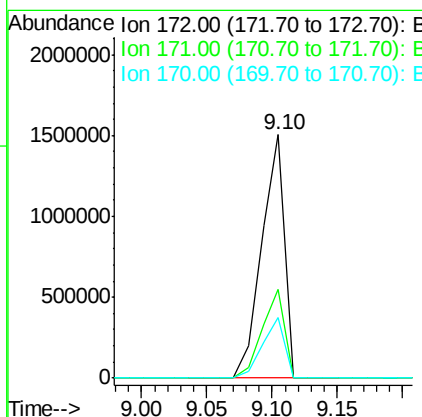
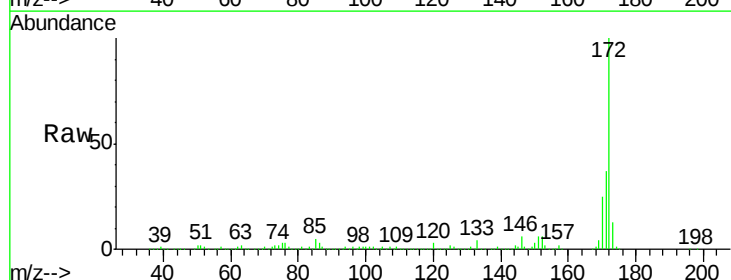
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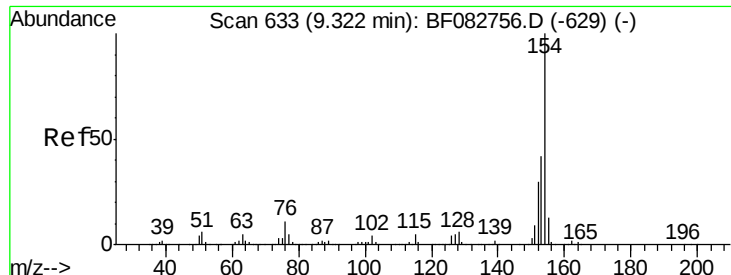
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#44  
 2-Fluorobiphenyl  
 Concen: 81.47 ng  
 RT: 9.10 min Scan# 614  
 Delta R.T. 0.00 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

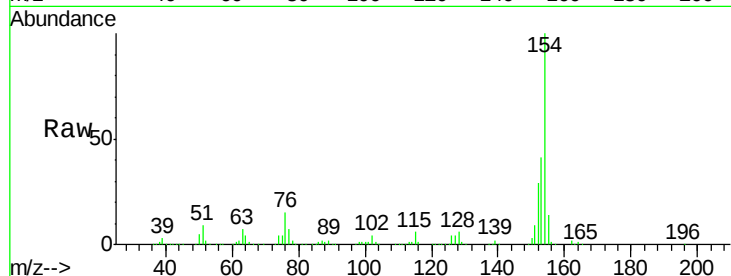
| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1826370 |       |       |
| 171     | 36.5  | 30.8    | 46.2  |       |
| 170     | 25.1  | 21.2    | 31.8  |       |





#45  
1,1'-Biphenyl  
Concen: 34.23 ng  
RT: 9.20 min Scan# 622  
Delta R.T. -0.01 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

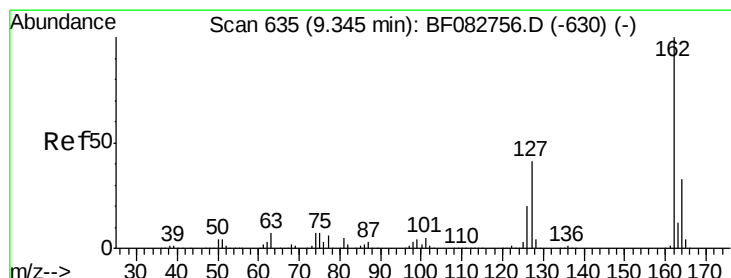
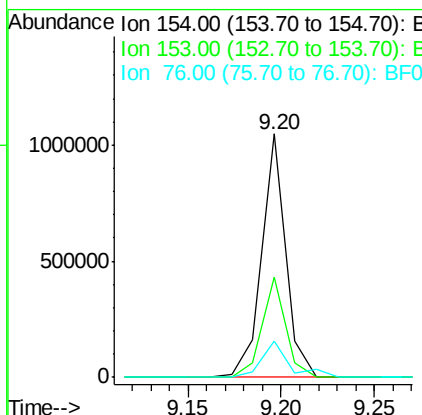
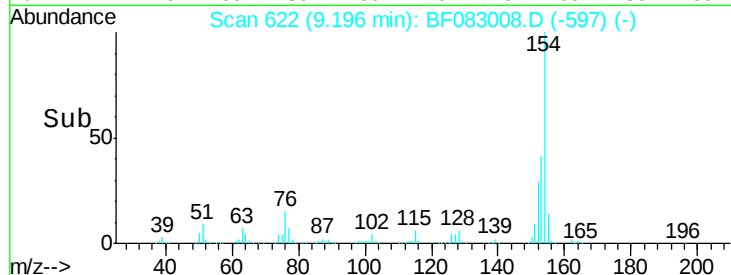
Instrument :  
BNA\_F  
ClientSampleId :  
PB86622BS



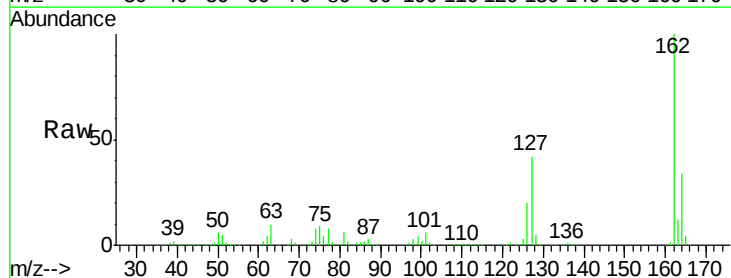
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 41.2  | 22.0 | 62.0  |       |
| 76      | 15.0  | 0.0  | 29.0  |       |

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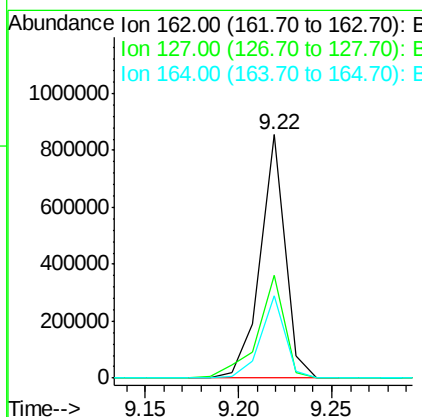
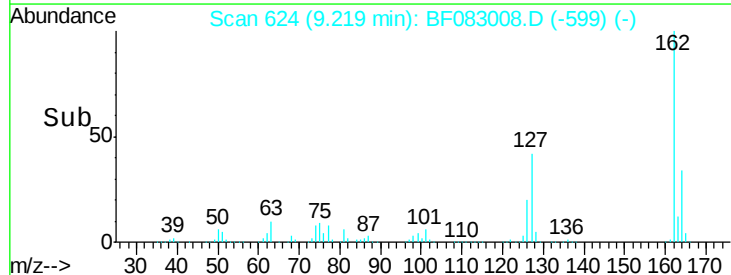
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#46  
2-Chloronaphthalene  
Concen: 36.42 ng  
RT: 9.22 min Scan# 624  
Delta R.T. -0.01 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09



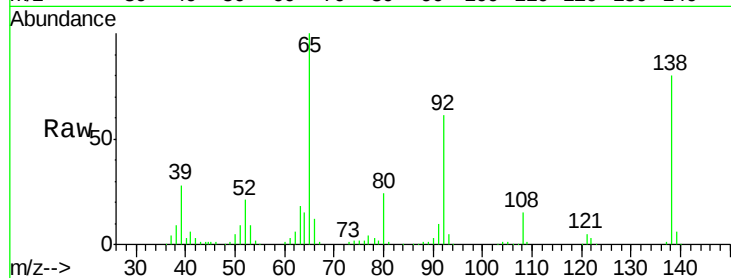
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 42.4  | 32.7 | 49.1  |       |
| 164     | 33.9  | 27.4 | 41.0  |       |





#47  
 2-Nitroaniline  
 Concen: 35.19 ng  
 RT: 9.31 min Scan# 632  
 Delta R.T. -0.01 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

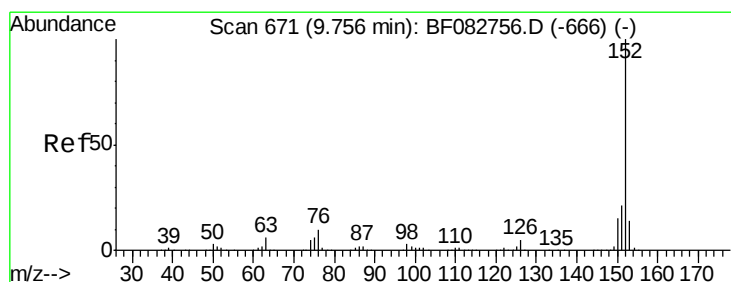
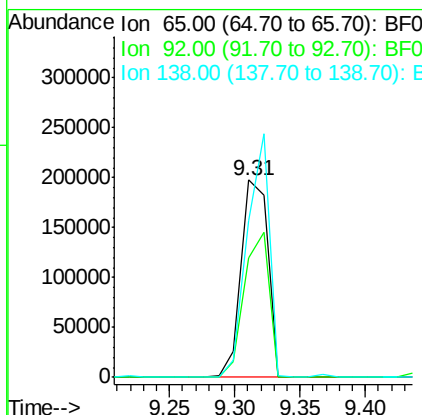
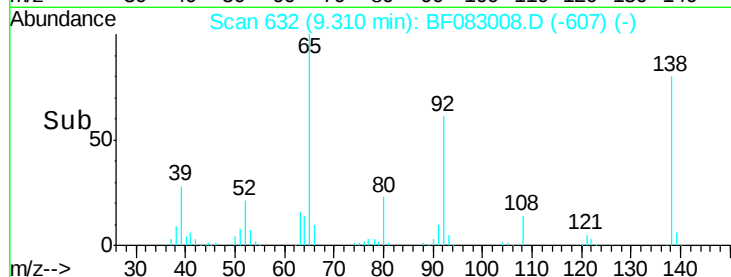
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86622BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 280750 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 60.7  | 46.6  | 70.0   |
| 138       | 79.5  | 54.6  | 81.8   |

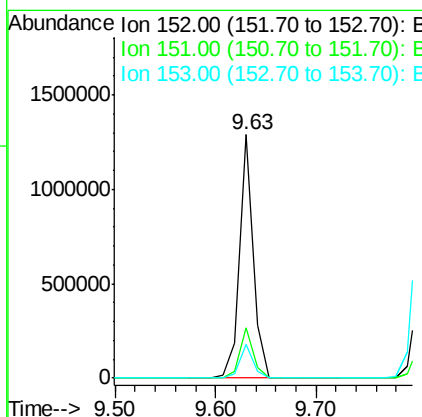
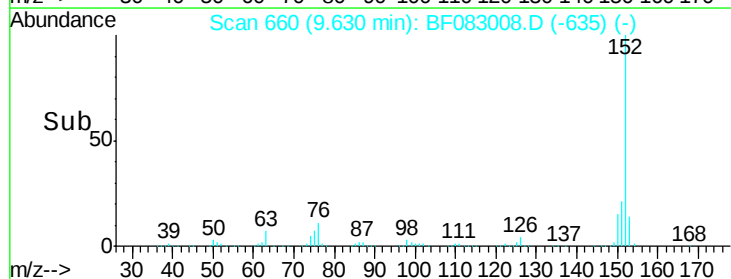
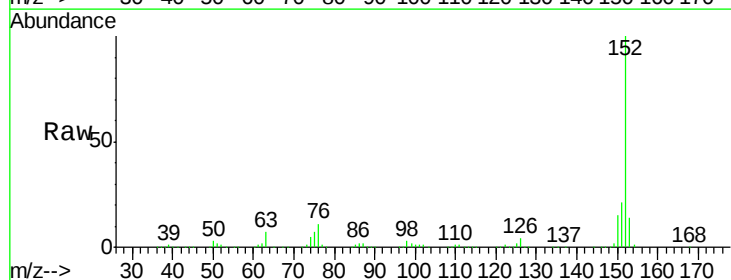
Manual Integrations  
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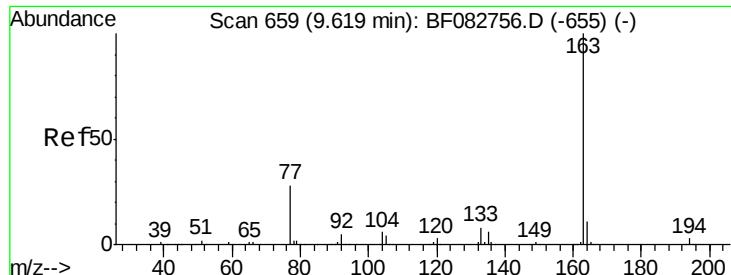
Mmdadoda  
 11/19/2015 6:44:34 PM



#48  
 Acenaphthylene  
 Concen: 36.20 ng  
 RT: 9.63 min Scan# 660  
 Delta R.T. -0.01 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 152   | Resp: | 1220124 |
| Ion Ratio | Lower | Upper |         |
| 152       | 100   |       |         |
| 151       | 20.6  | 17.3  | 25.9    |
| 153       | 13.9  | 11.3  | 16.9    |





#49

Dimethylphthalate

Concen: 34.79 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

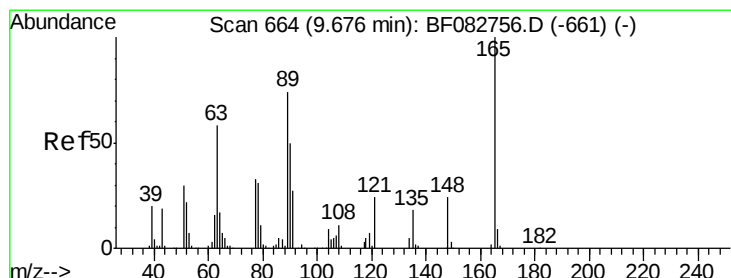
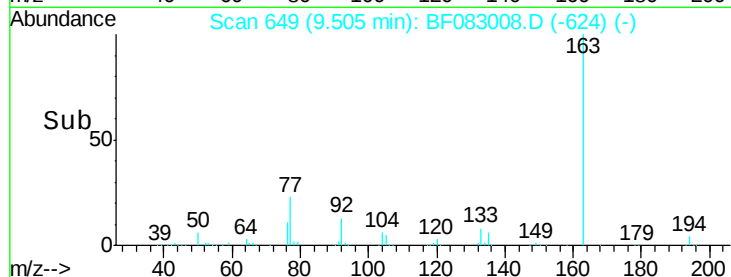
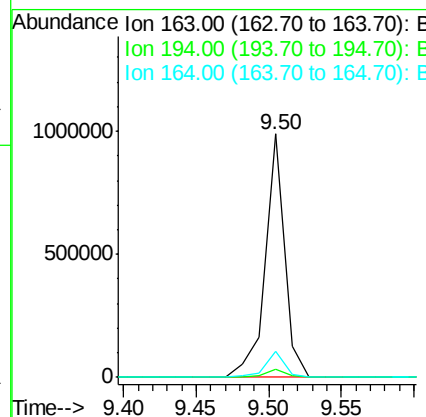
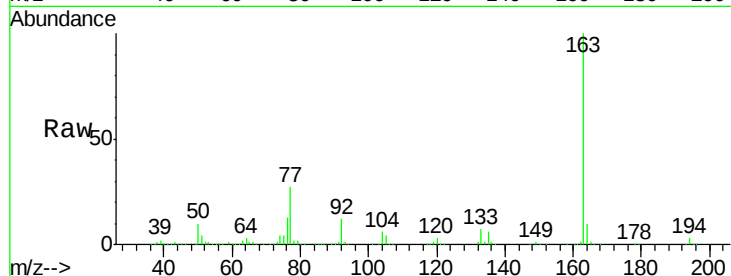
ClientSampleId :

PB86622BS

Manual Integrations  
APPROVED

Mmdadoda  
11/19/2015 6:44:34 PM

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 915788 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 3.4   | 2.6   | 4.0    |
| 164       | 10.5  | 8.7   | 13.1   |



#50

2,6-Dinitrotoluene

Concen: 38.52 ng

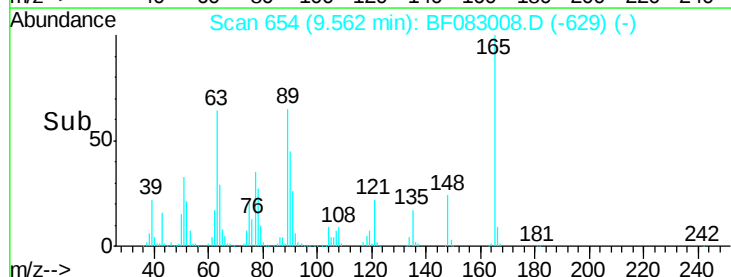
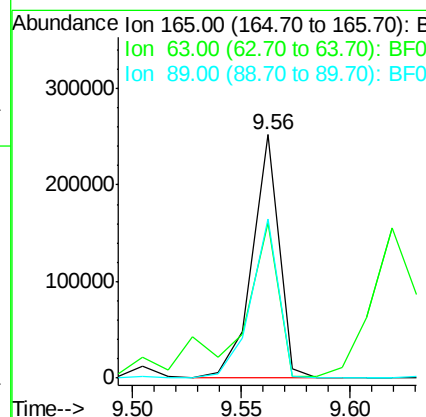
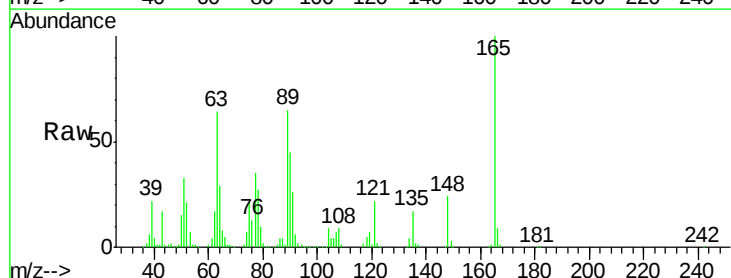
RT: 9.56 min Scan# 654

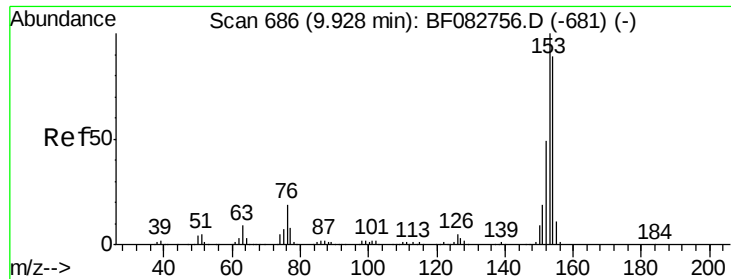
Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 165   | Resp: | 216341 |
| Ion Ratio | Lower | Upper |        |
| 165       | 100   |       |        |
| 63        | 64.0  | 55.5  | 83.3   |
| 89        | 65.2  | 55.0  | 82.6   |





#51

Acenaphthene

Concen: 41.96 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF083008.D

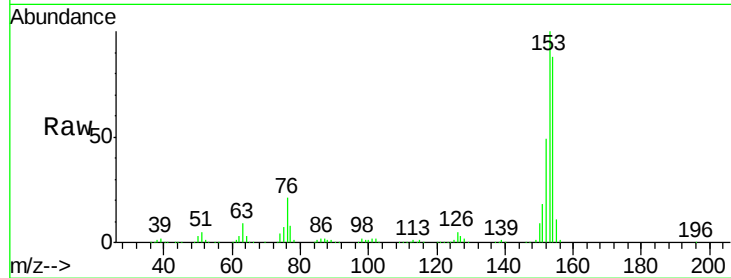
Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

ClientSampleId :

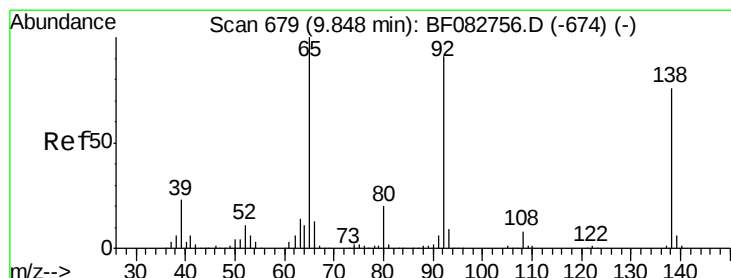
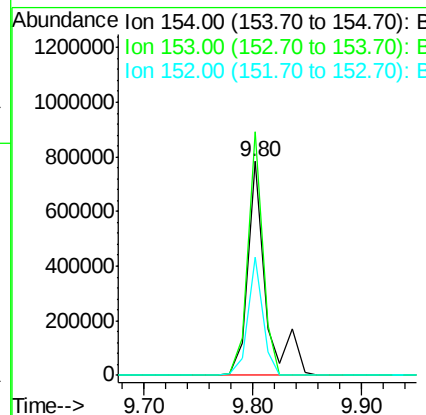
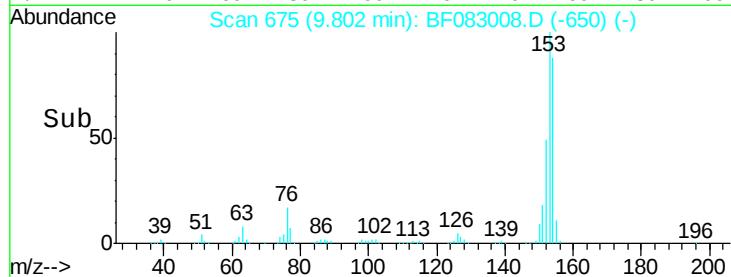
PB86622BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 896263 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.8 | 90.1  | 135.1  |
| 152       | 55.6  | 44.3  | 66.5   |

Manual Integrations  
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#52

3-Nitroaniline

Concen: 6.94 ng

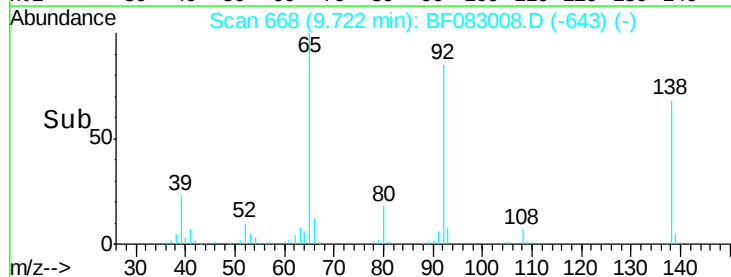
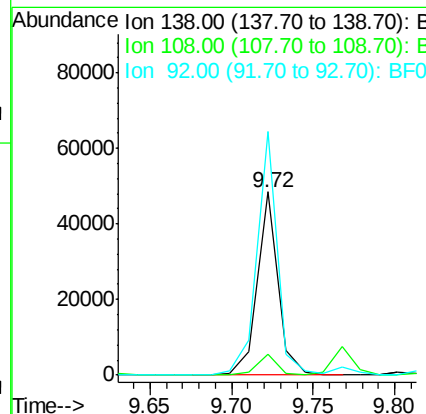
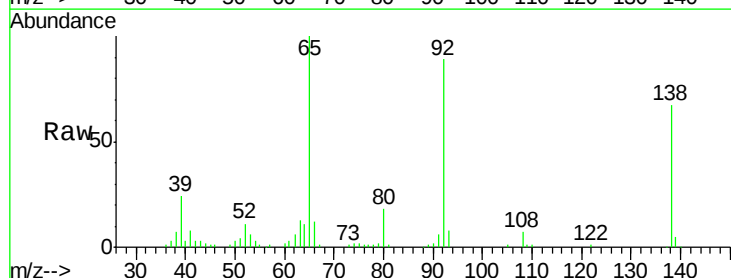
RT: 9.72 min Scan# 668

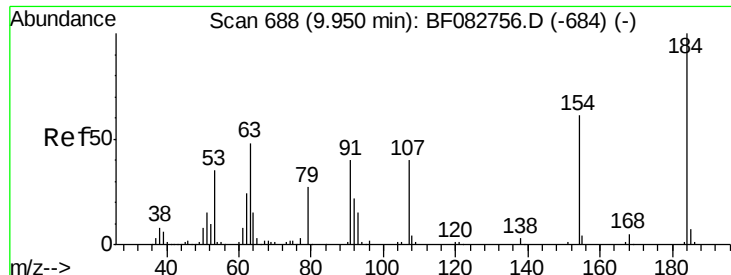
Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 42879 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 11.1  | 11.3  | 16.9# |
| 92        | 132.8 | 122.4 | 183.6 |





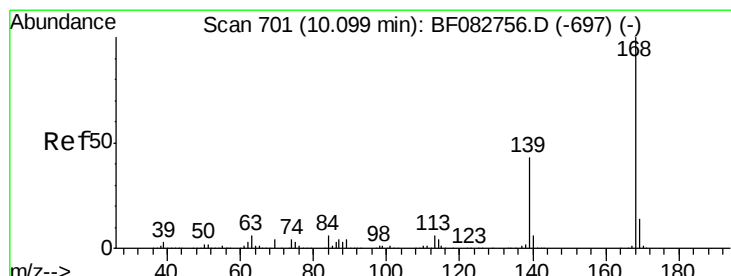
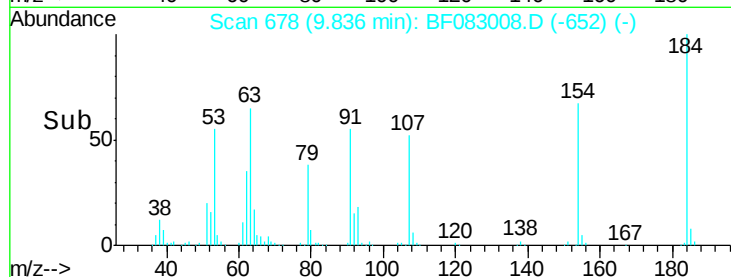
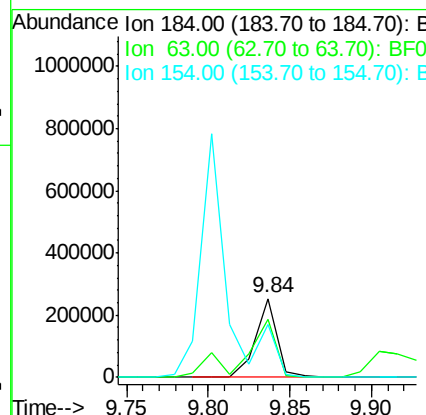
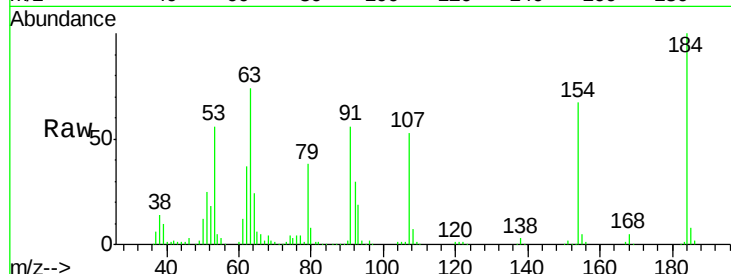
#53  
2,4-Dinitrophenol  
Concen: 76.00 ng  
RT: 9.84 min Scan# 678  
Delta R.T. 0.00 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB86622BS

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 184     | 100   | 234352 |        |       |
| 63      | 74.1  | 98.6   | 148.0# |       |
| 154     | 67.1  | 183.9  | 275.9# |       |

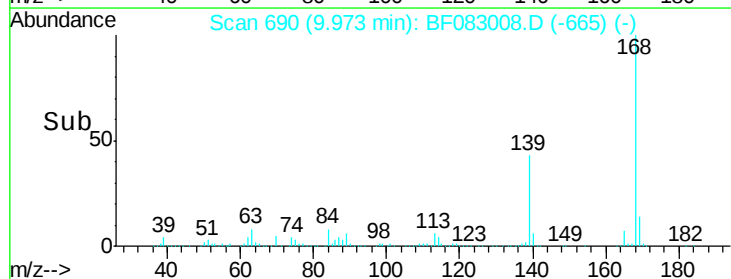
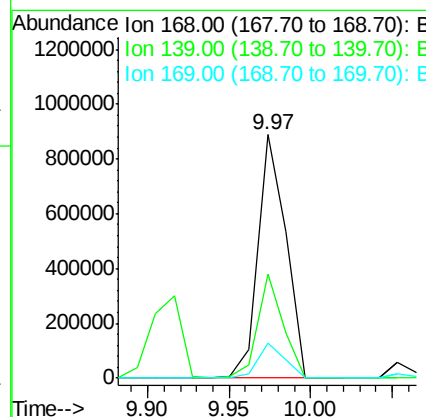
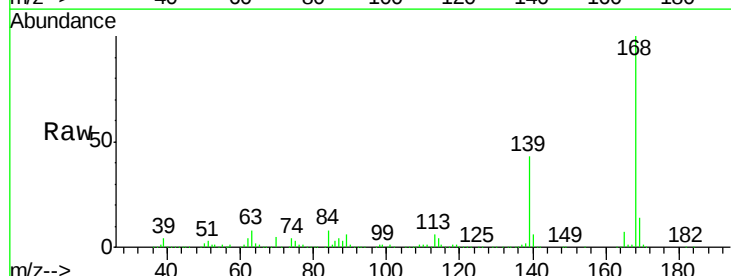
Manual Integrations  
APPROVED

Mmdadoda  
11/19/2015 6:44:34 PM



#54  
Dibenzofuran  
Concen: 36.49 ng  
RT: 9.97 min Scan# 690  
Delta R.T. -0.01 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1050987 |       |       |
| 139     | 42.9  | 37.8    | 56.6  |       |
| 169     | 14.4  | 11.3    | 16.9  |       |





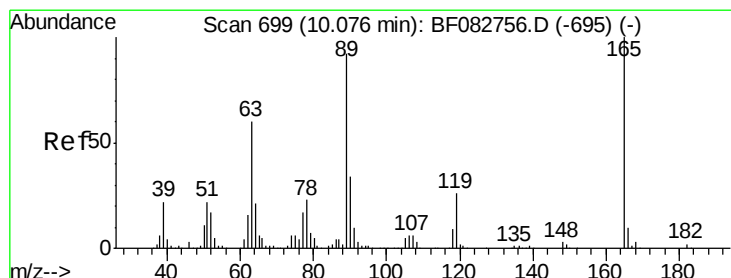
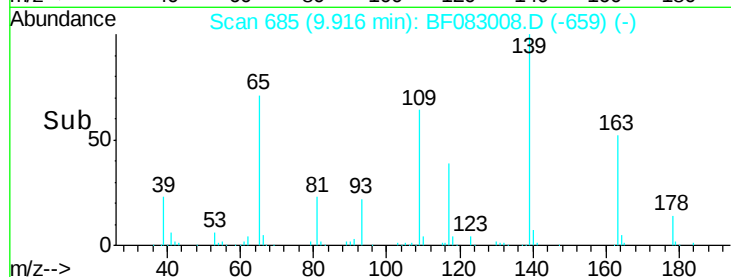
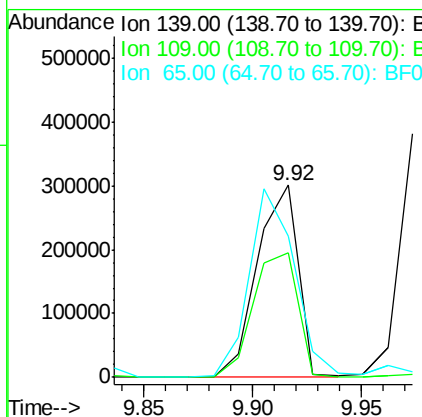
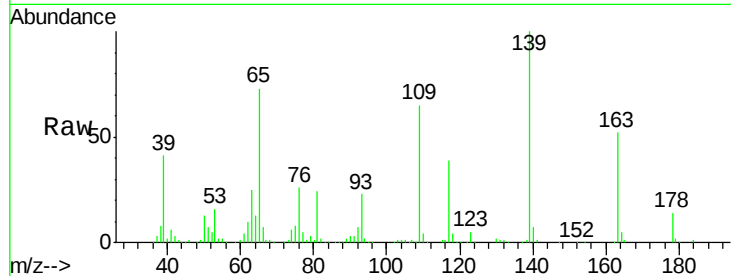
#55  
4-Nitrophenol  
Concen: 83.97 ng  
RT: 9.92 min Scan# 685  
Delta R.T. 0.00 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB86622BS

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 139     | 100   | 397902 |        |       |
| 109     | 64.7  | 73.7   | 113.7# |       |
| 65      | 73.4  | 82.9   | 122.9# |       |

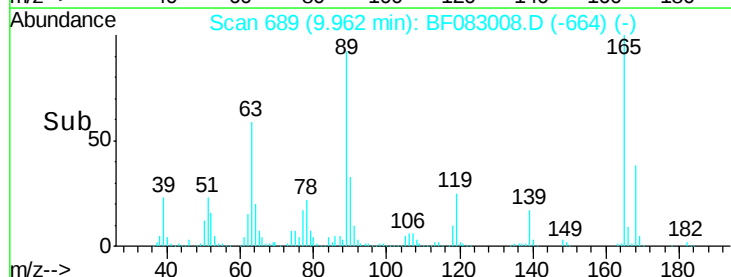
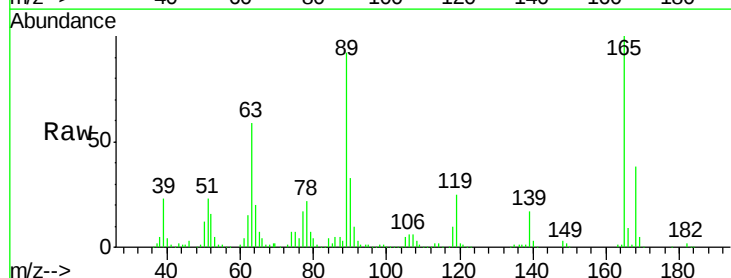
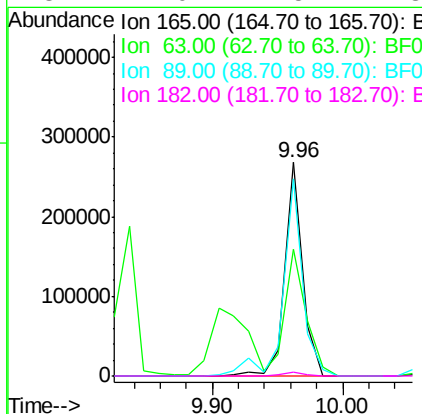
Manual Integrations  
APPROVED

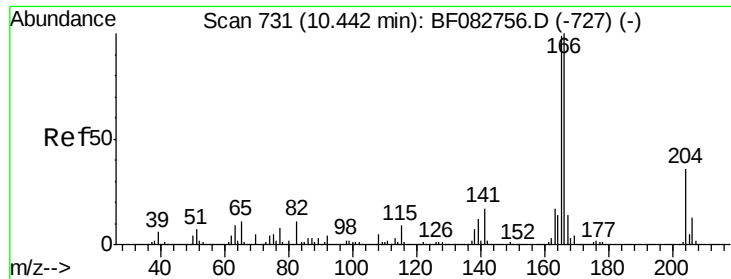
Mmdadoda  
11/19/2015 6:44:34 PM



#56  
2,4-Dinitrotoluene  
Concen: 33.67 ng  
RT: 9.96 min Scan# 689  
Delta R.T. -0.01 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 256571 |       |       |
| 63      | 59.5  | 43.4   | 65.0  |       |
| 89      | 92.2  | 70.6   | 106.0 |       |
| 182     | 2.0   | 1.5    | 2.3   |       |





#57

Fluorene

Concen: 34.49 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

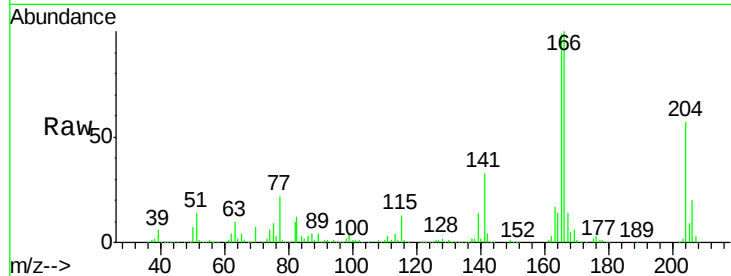
BNA\_F

ClientSampleId :

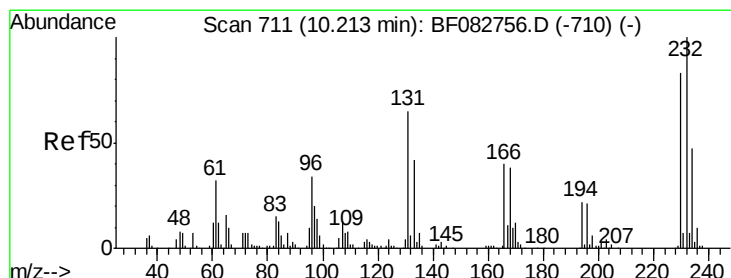
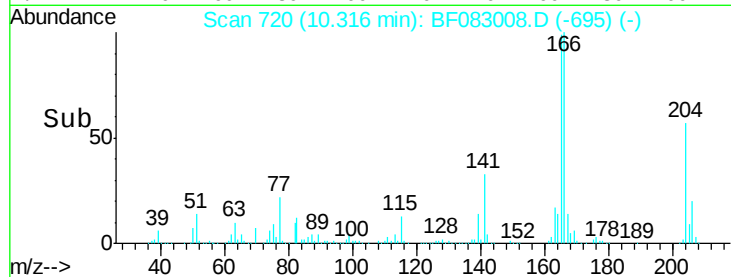
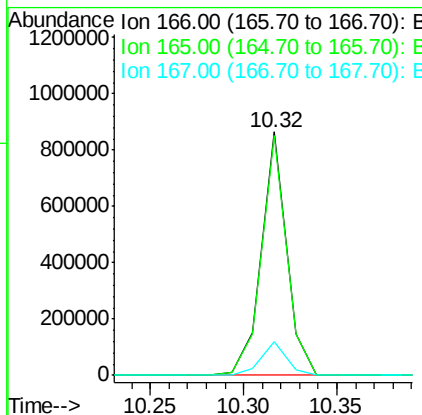
PB86622BS

Manual Integrations  
APPROVED

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11/19/2015 6:44:34 PM



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 804299 |       |       |
| 165     | 98.6  | 80.2   | 120.4 |       |
| 167     | 14.0  | 11.2   | 16.8  |       |



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.14 ng

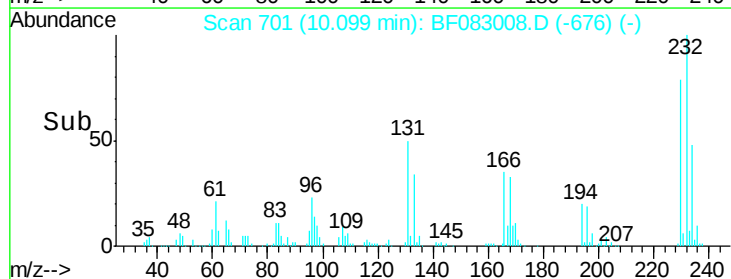
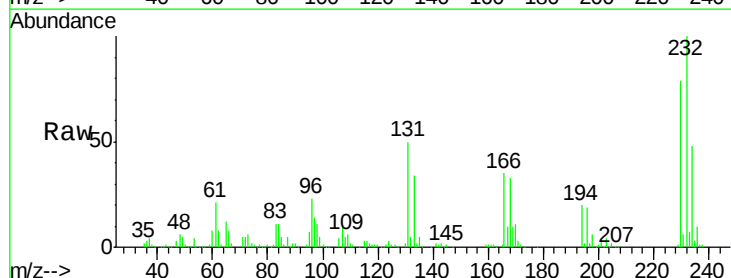
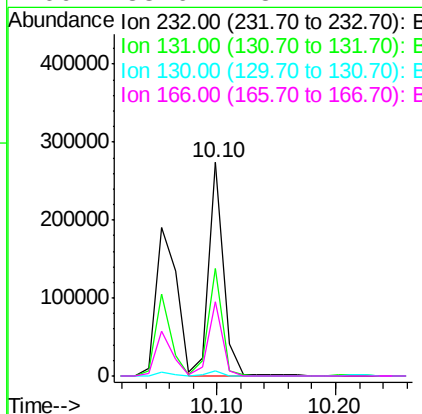
RT: 10.10 min Scan# 701

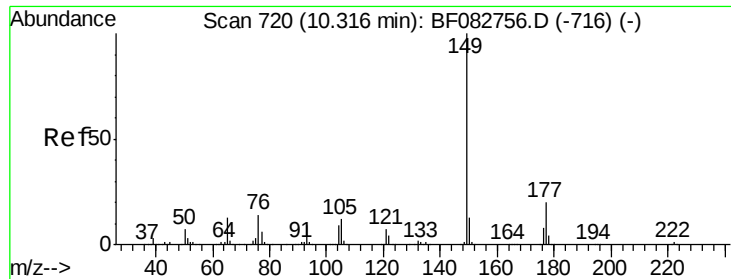
Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 236281 |       |       |
| 131     | 49.2  | 46.2   | 69.2  |       |
| 130     | 2.3   | 2.4    | 3.6   |       |
| 166     | 33.6  | 28.2   | 42.2  |       |





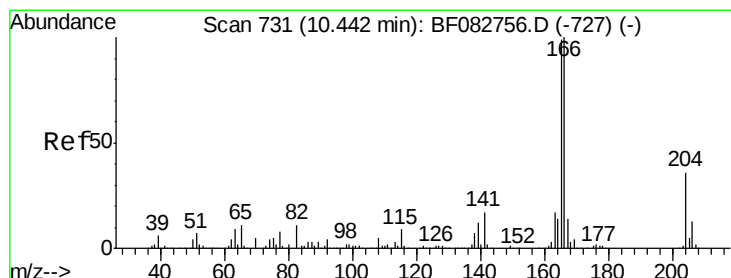
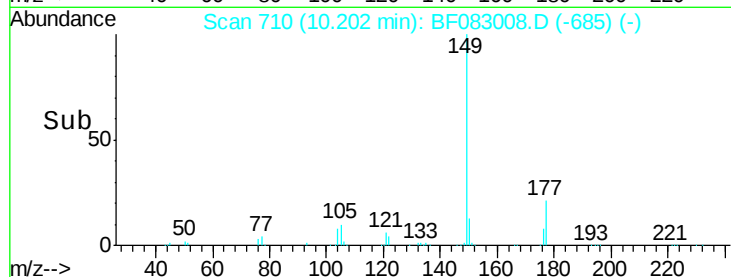
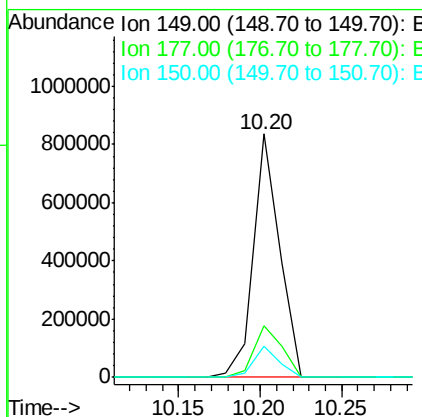
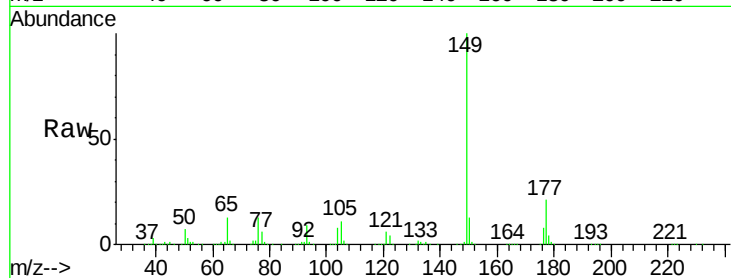
#59  
Diethylphthalate  
Concen: 36.34 ng  
RT: 10.20 min Scan# 710  
Delta R.T. -0.01 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB86622BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 933983 |       |       |
| 177     | 21.1  | 17.9   | 26.9  |       |
| 150     | 12.9  | 10.1   | 15.1  |       |

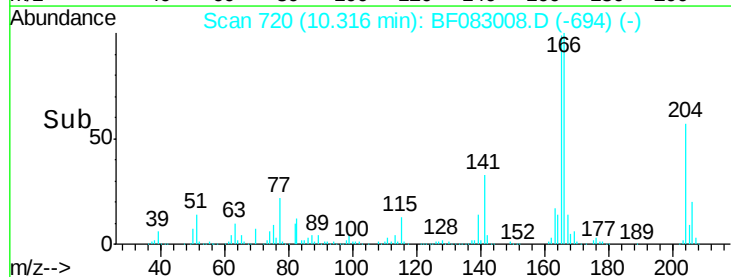
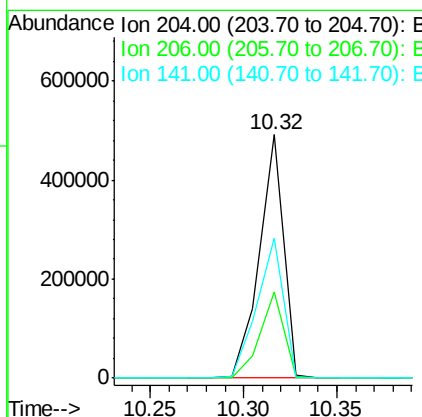
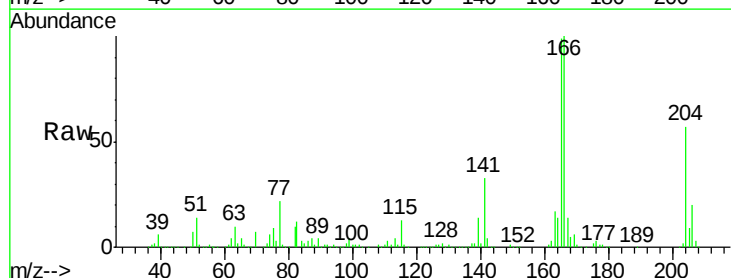
Manual Integrations  
APPROVED

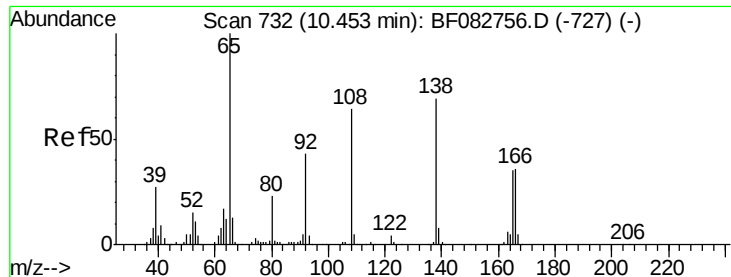
Mmdadoda  
11/19/2015 6:44:34 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 37.84 ng  
RT: 10.32 min Scan# 720  
Delta R.T. 0.00 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 441521 |       |       |
| 206     | 35.5  | 28.5   | 42.7  |       |
| 141     | 57.7  | 44.6   | 66.8  |       |





#61

4-Nitroaniline

Concen: 29.99 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

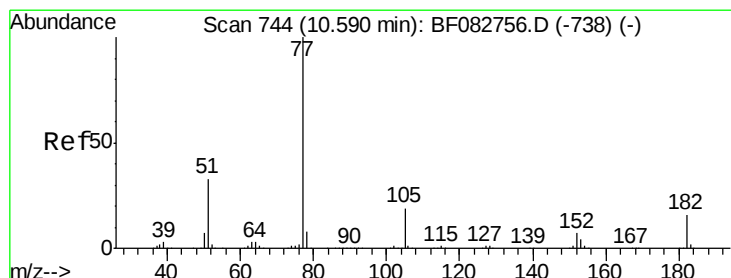
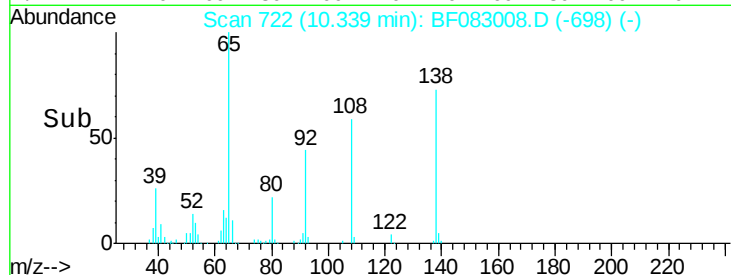
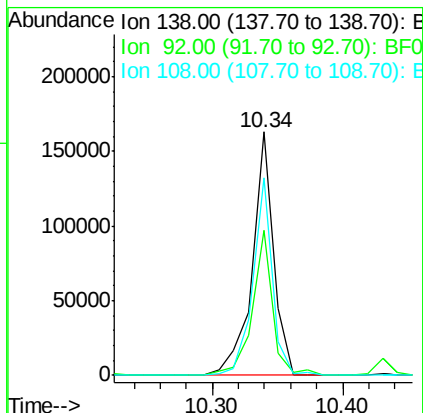
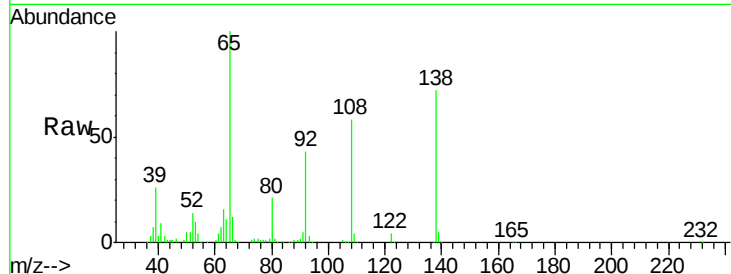
ClientSampleId :

PB86622BS

Manual Integrations  
APPROVED

Mmdadoda  
11/19/2015 6:44:34 PM

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 59.4  | 45.8  | 85.8  |
| 108     | 81.3  | 89.4  | 129.4 |



#62

Azobenzene

Concen: 44.77 ng

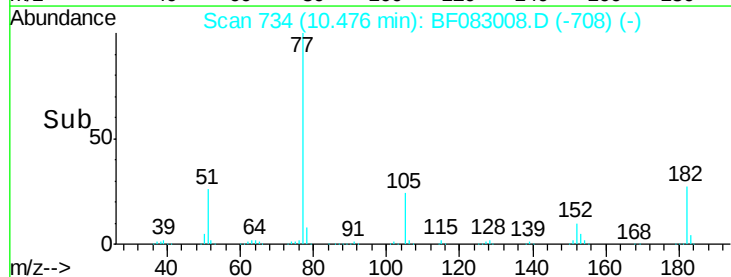
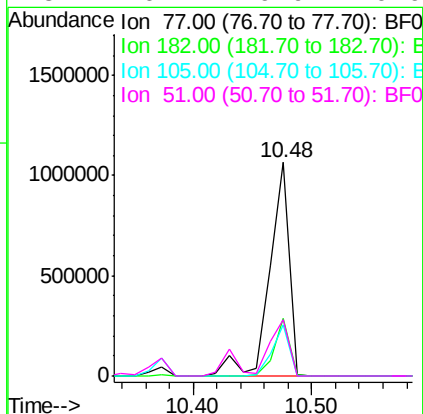
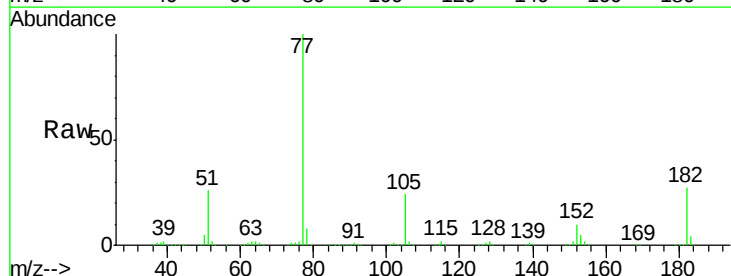
RT: 10.48 min Scan# 734

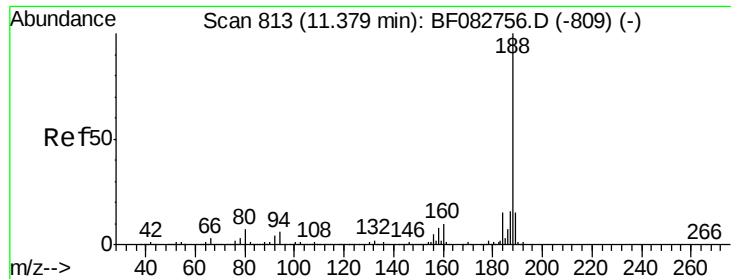
Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.0  | 9.3   | 49.3  |
| 105     | 24.1  | 2.6   | 42.6  |
| 51      | 26.2  | 9.9   | 49.9  |





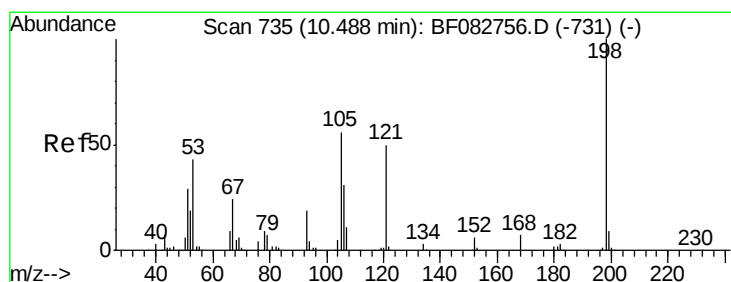
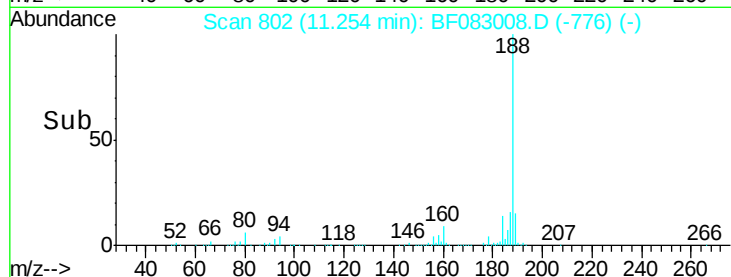
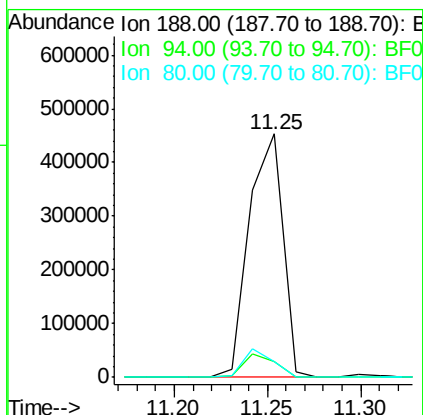
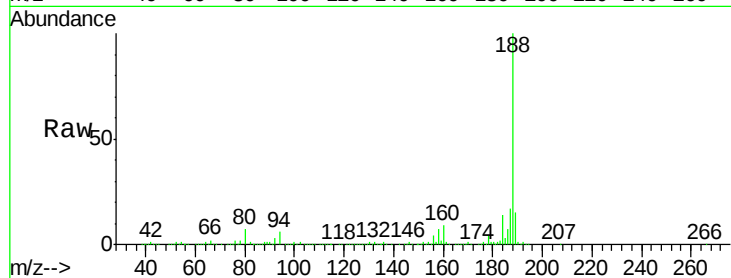
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.25 min Scan# 802  
Delta R.T. 0.00 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB86622BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 6.4   | 6.1        | 9.1        |
| 80      | 6.6   | 7.0        | 10.6       |

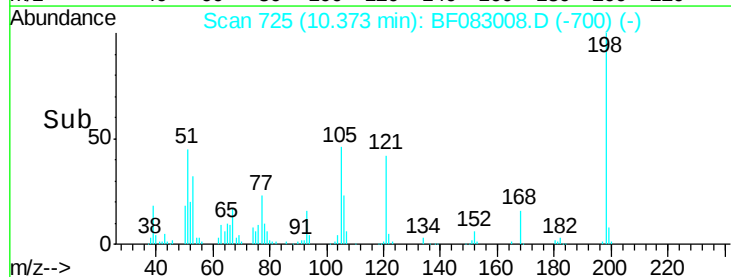
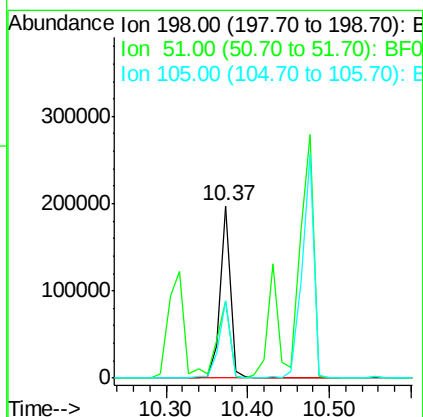
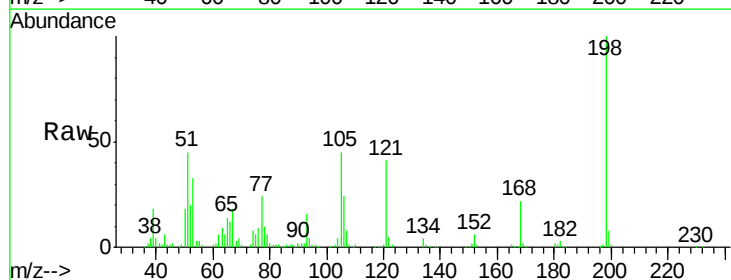
Manual Integrations  
APPROVED

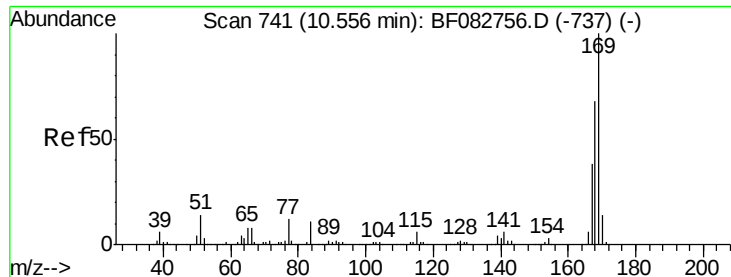
Mmdadoda  
11/19/2015 6:44:34 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 42.54 ng  
RT: 10.37 min Scan# 725  
Delta R.T. -0.01 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 44.6  | 17.3       | 57.3       |
| 105     | 45.1  | 21.7       | 61.7       |





#65

n-Nitrosodiphenylamine

Concen: 36.49 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF083008.D

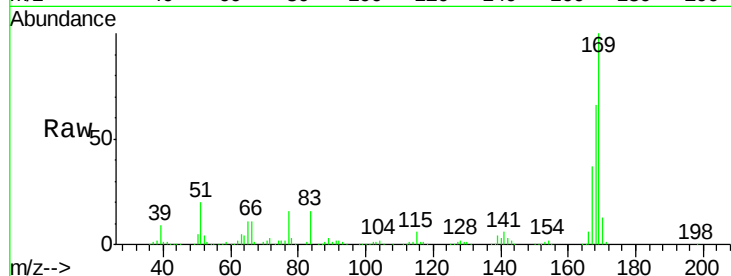
Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

ClientSampleId :

PB86622BS



Tgt Ion:169 Resp: 746927

Ion Ratio Lower Upper

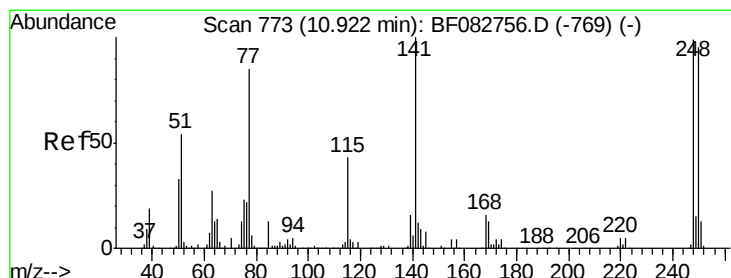
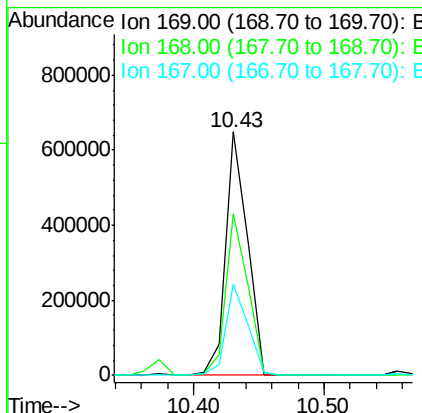
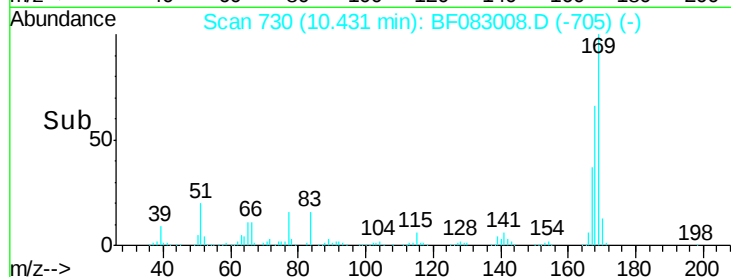
169 100

168 66.4 55.0 82.6

167 37.3 30.5 45.7

Manual Integrations  
APPROVED

Mmdadoda  
11/19/2015 6:44:34 PM



#66

4-Bromophenyl-phenylether

Concen: 37.01 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

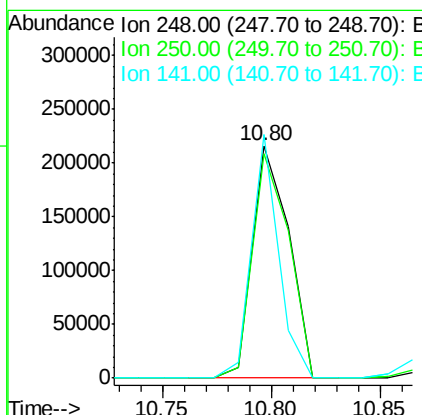
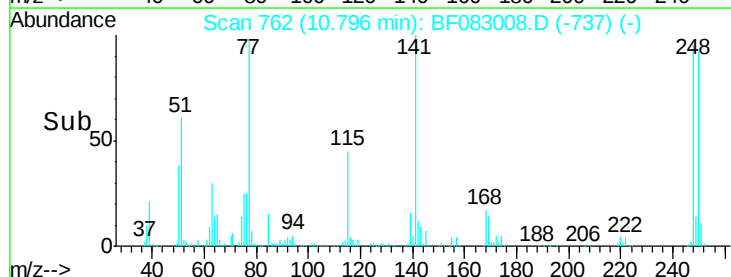
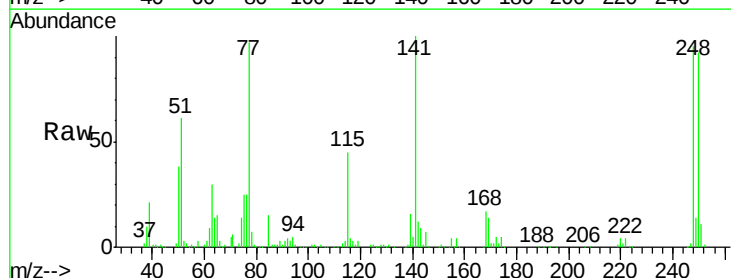
Tgt Ion:248 Resp: 252507

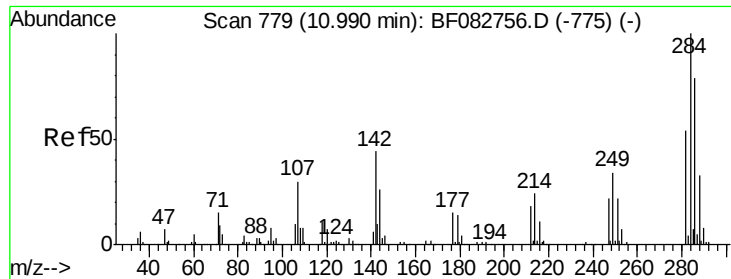
Ion Ratio Lower Upper

248 100

250 96.5 79.4 119.2

141 104.7 36.3 54.5#





#67

Hexachlorobenzene

Concen: 36.28 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF083008.D

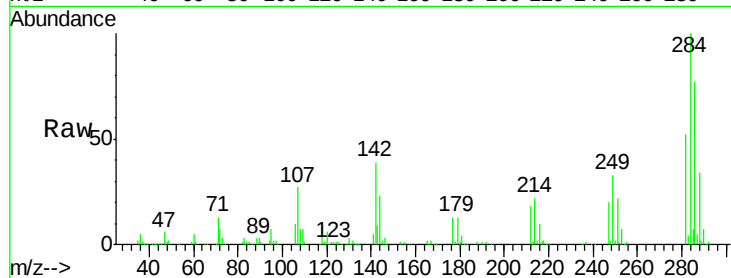
Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

ClientSampleId :

PB86622BS



Tgt Ion: 284 Resp: 276378

Ion Ratio Lower Upper

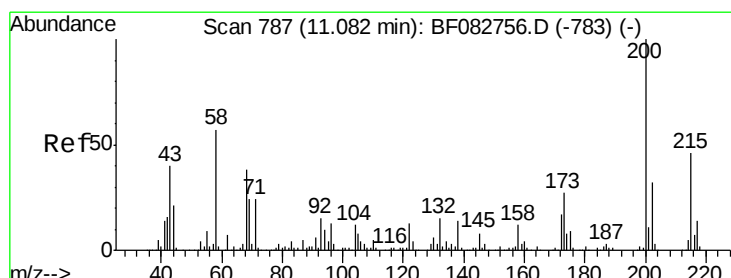
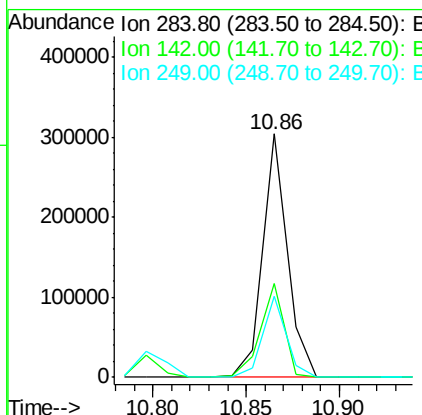
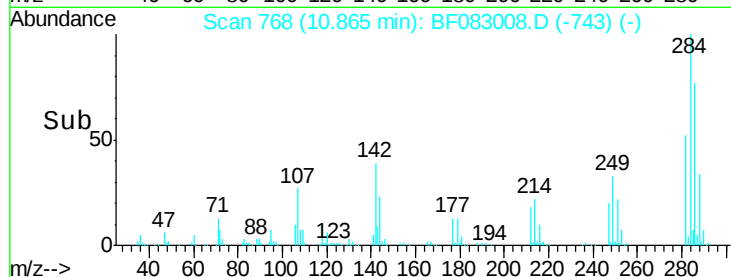
284 100

142 38.7 47.9 71.9#

249 33.3 29.7 44.5

Manual Integrations  
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Mmdadoda  
11/19/2015 6:44:34 PM



#68

Atrazine

Concen: 41.04 ng

RT: 10.97 min Scan# 777

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

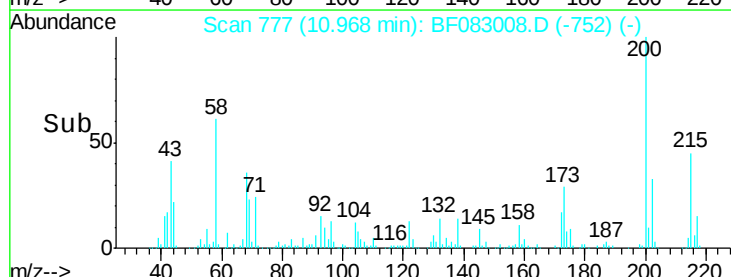
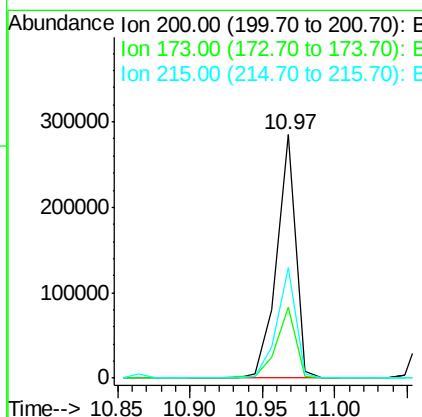
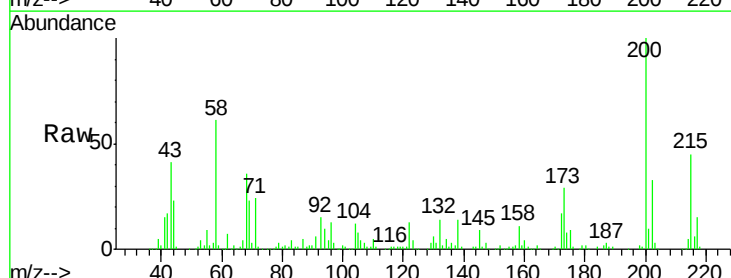
Tgt Ion: 200 Resp: 259795

Ion Ratio Lower Upper

200 100

173 28.8 6.9 46.9

215 45.4 22.9 62.9





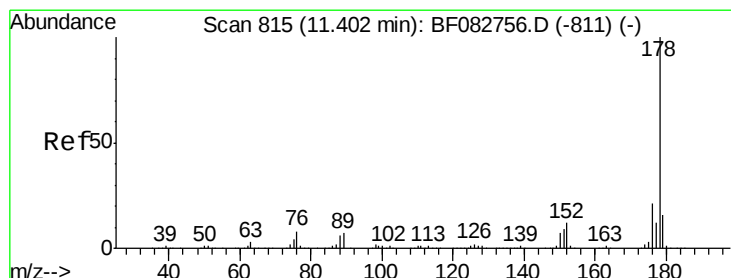
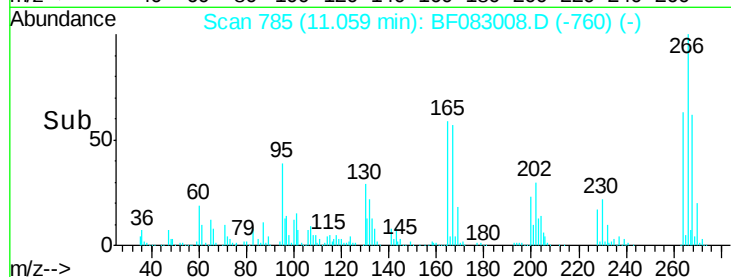
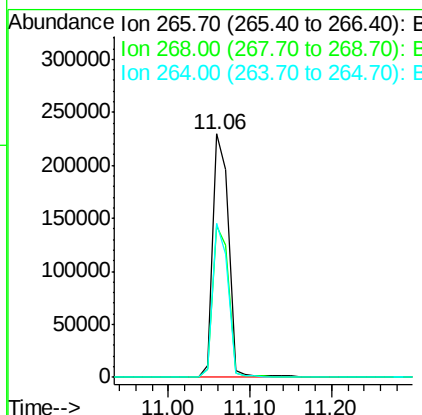
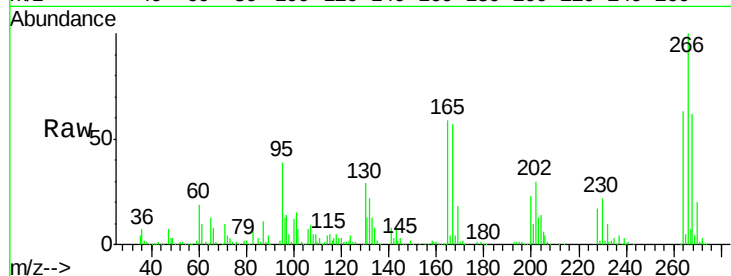
#69  
 Pentachlorophenol  
 Concen: 67.75 ng  
 RT: 11.06 min Scan# 785  
 Delta R.T. -0.01 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86622BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 313412 |       |       |
| 268     | 62.2  | 51.0   | 76.6  |       |
| 264     | 63.4  | 50.6   | 75.8  |       |

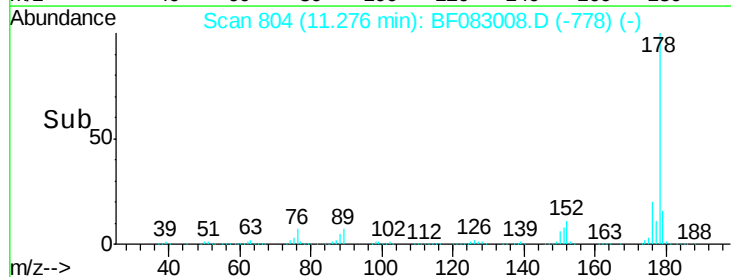
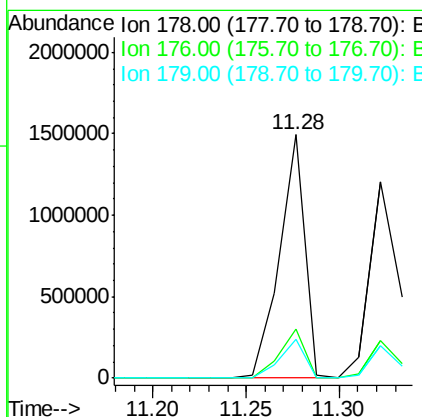
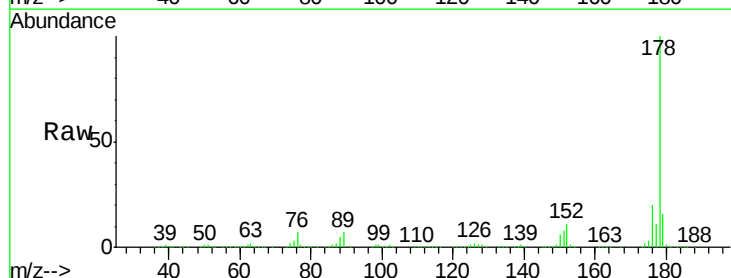
Manual Integrations  
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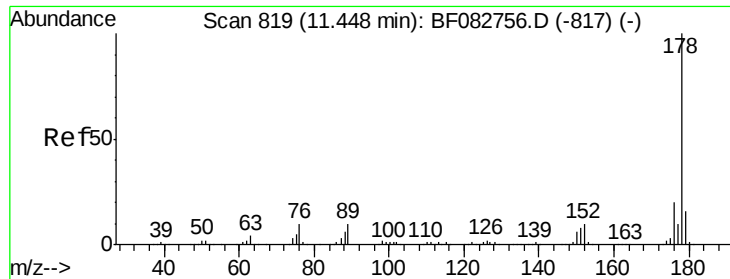
Mmdadoda  
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#70  
 Phenanthrene  
 Concen: 43.07 ng  
 RT: 11.28 min Scan# 804  
 Delta R.T. 0.00 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1417124 |       |       |
| 176     | 20.1  | 17.0    | 25.4  |       |
| 179     | 16.0  | 13.4    | 20.0  |       |





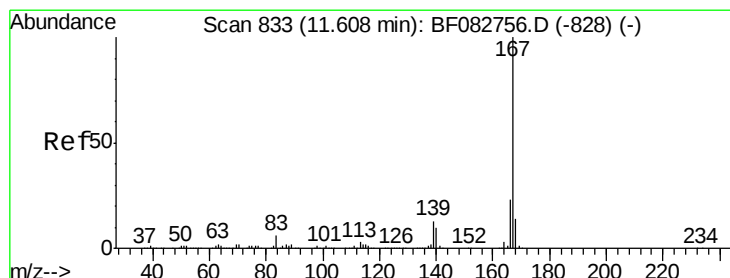
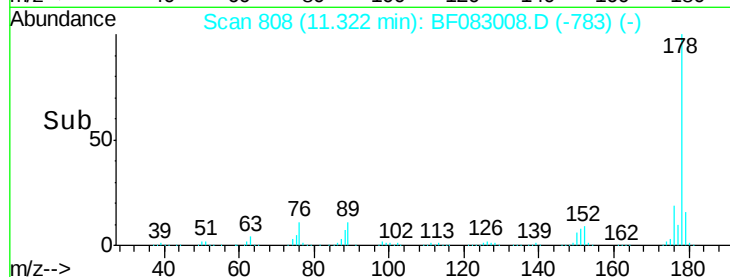
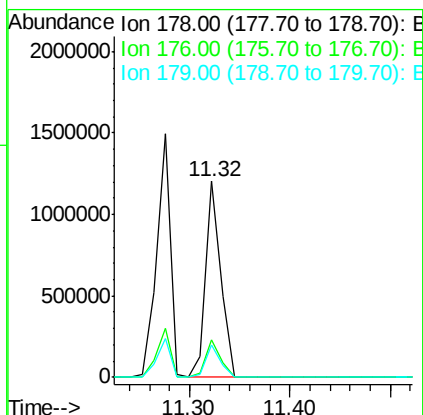
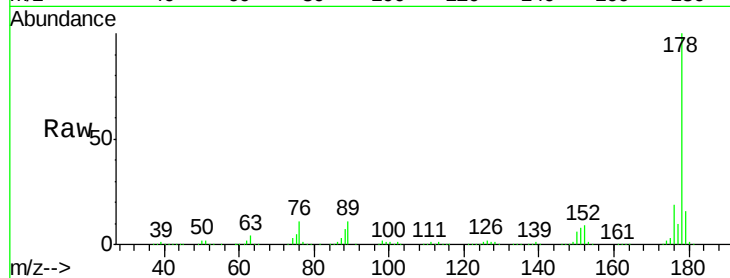
#71  
 Anthracene  
 Concen: 36.39 ng  
 RT: 11.32 min Scan# 808  
 Delta R.T. -0.01 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86622BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 16.5  | 24.7  |
| 179     | 16.3  | 13.2  | 19.8  |

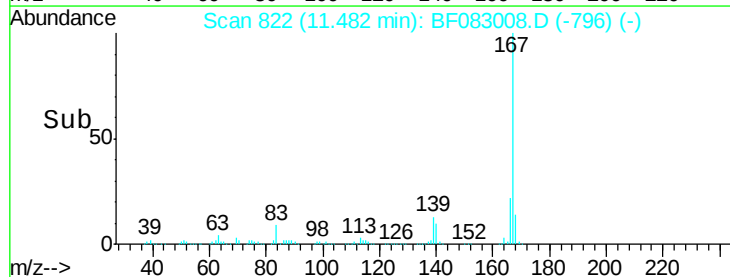
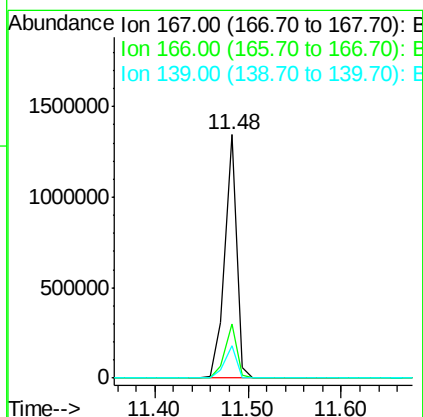
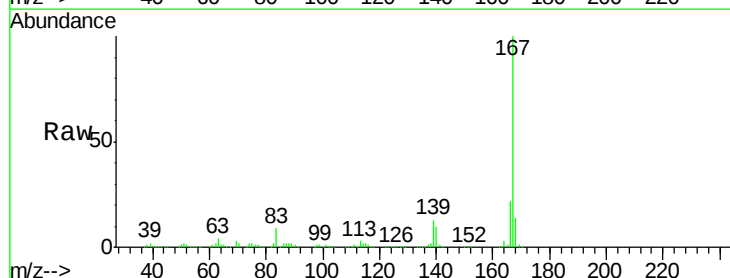
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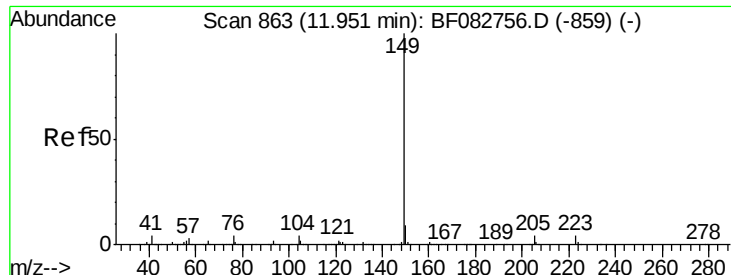
Mmdadoda  
 11/19/2015 6:44:34 PM



#72  
 Carbazole  
 Concen: 39.06 ng  
 RT: 11.48 min Scan# 822  
 Delta R.T. 0.00 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.4  | 18.7  | 28.1  |
| 139     | 13.3  | 11.8  | 17.6  |





#73

Di-n-butylphthalate

Concen: 42.56 ng

RT: 11.82 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

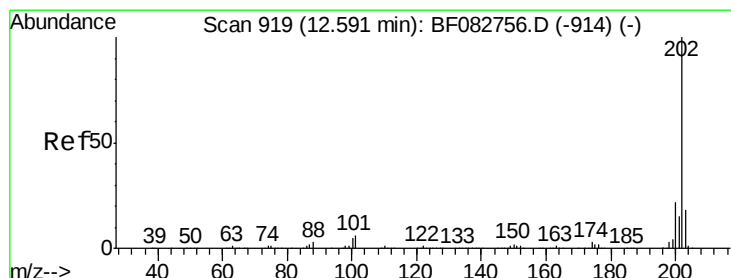
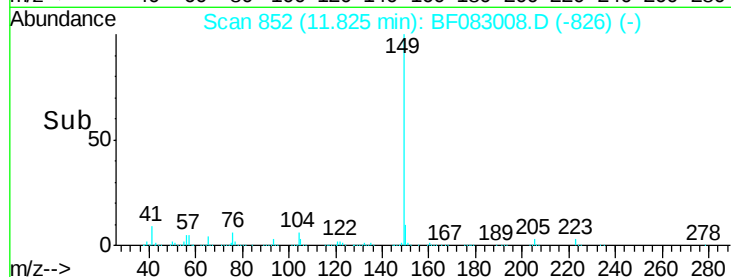
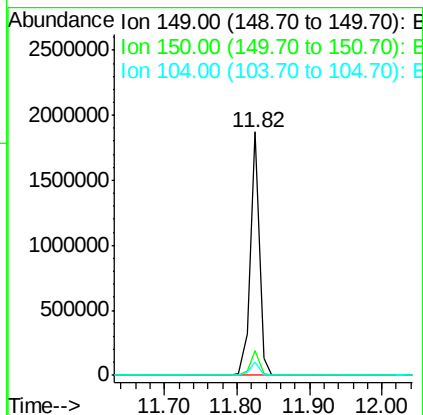
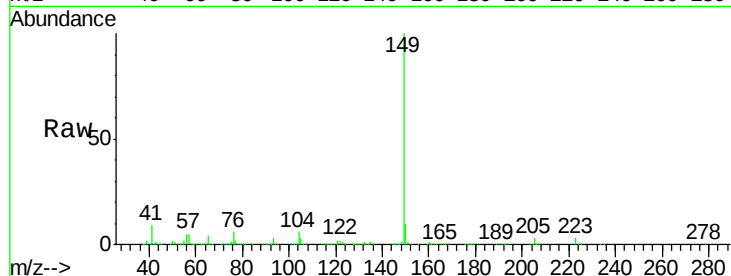
ClientSampleId :

PB86622BS

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11/19/2015 6:44:34 PM

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.9   | 8.1   | 12.1  |
| 104     | 5.5   | 5.2   | 7.8   |



#74

Fluoranthene

Concen: 36.03 ng

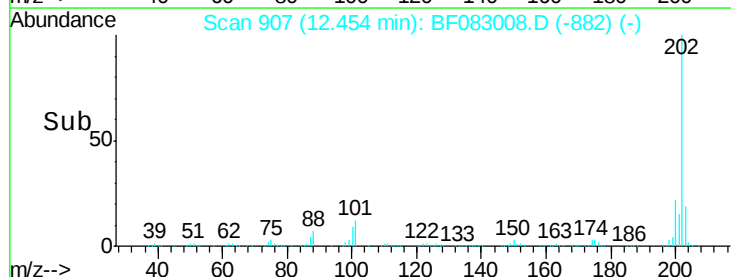
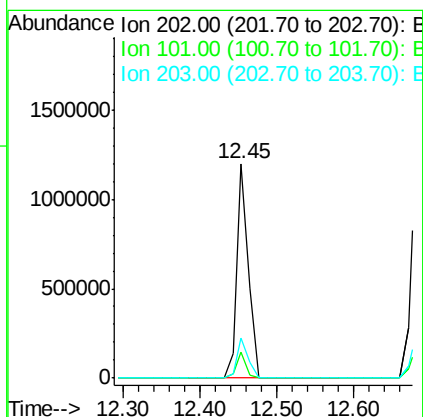
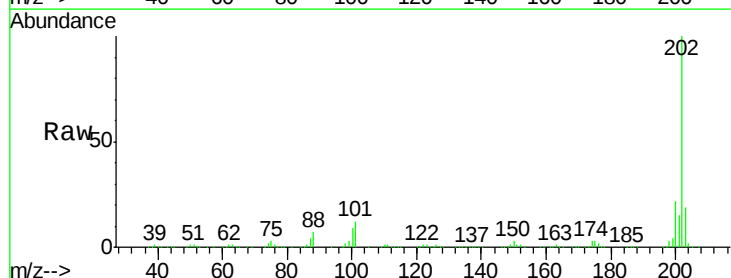
RT: 12.45 min Scan# 907

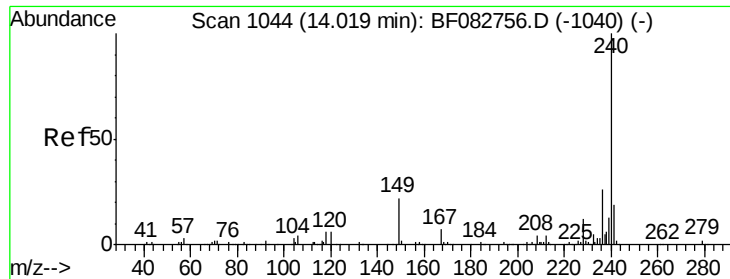
Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 12.3  | 0.0   | 30.5  |
| 203     | 18.5  | 0.0   | 38.5  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

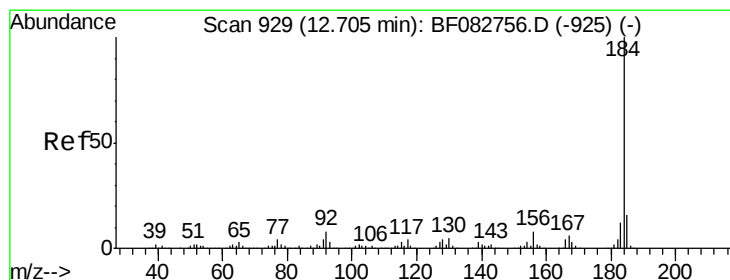
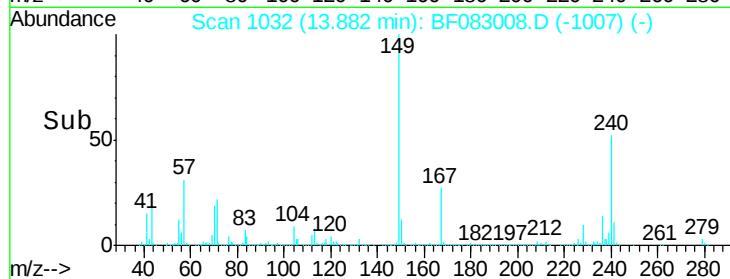
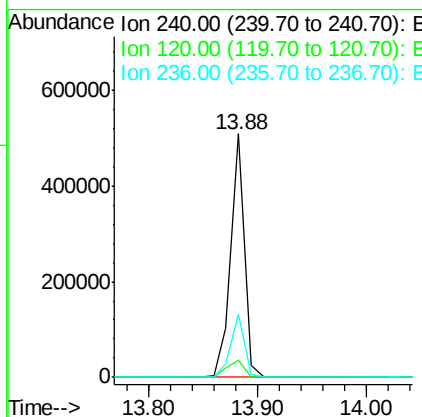
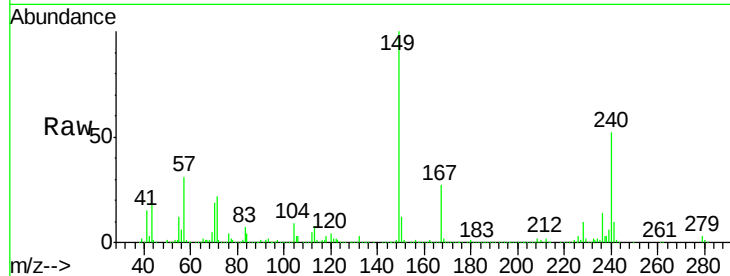
ClientSampleId :

PB86622BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 6.9   | 10.9  | 16.3# |
| 236     | 26.2  | 21.6  | 32.4  |

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#76

Benzidine

Concen: 34.30 ng

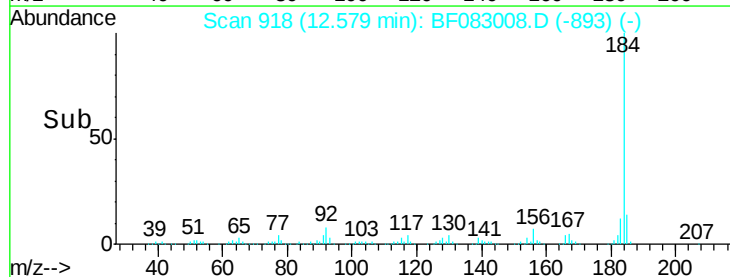
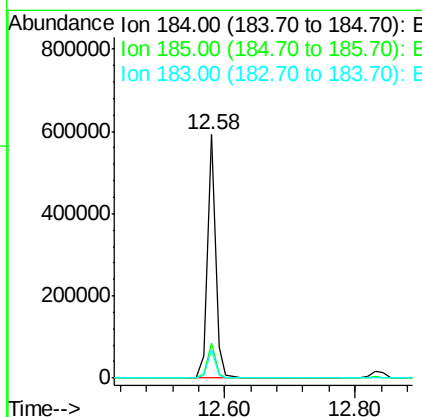
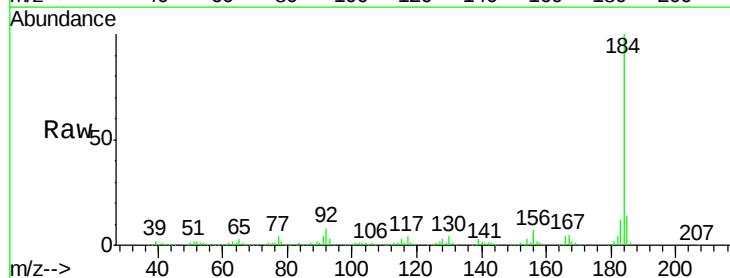
RT: 12.58 min Scan# 918

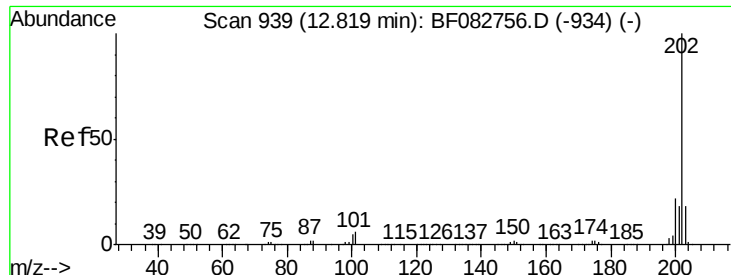
Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.4  | 12.0  | 18.0  |
| 183     | 11.7  | 9.6   | 14.4  |





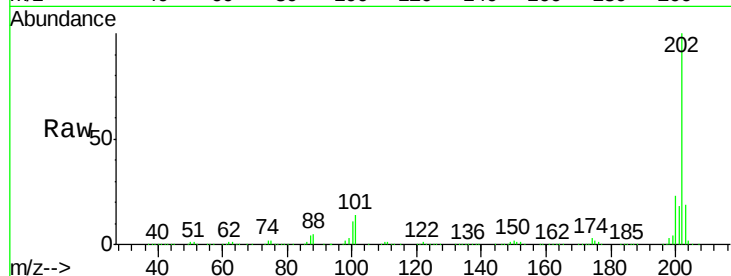
#77  
 Pyrene  
 Concen: 41.61 ng  
 RT: 12.68 min Scan# 927  
 Delta R.T. -0.01 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86622BS

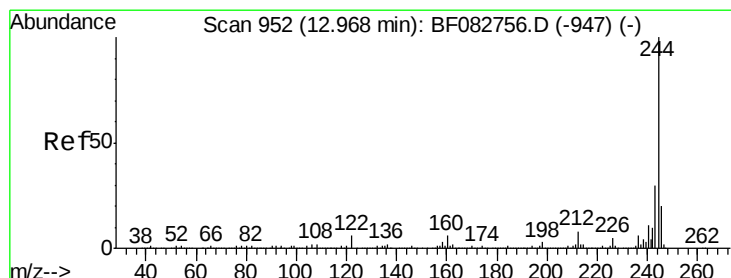
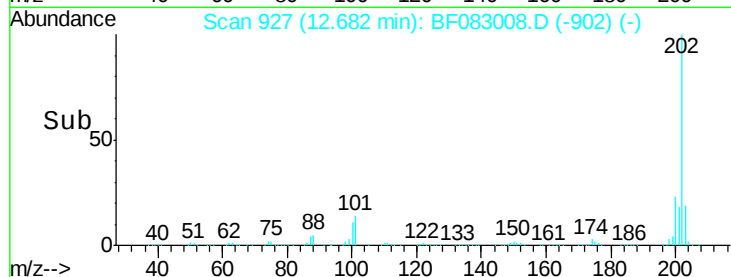
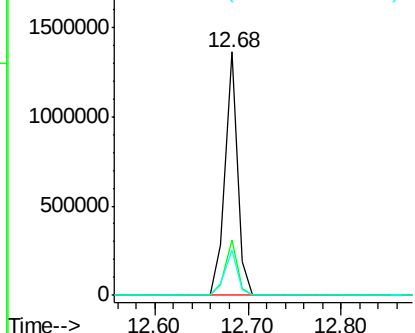
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.6  | 18.7  | 28.1  |
| 203     | 18.5  | 14.8  | 22.2  |

Manual Integrations  
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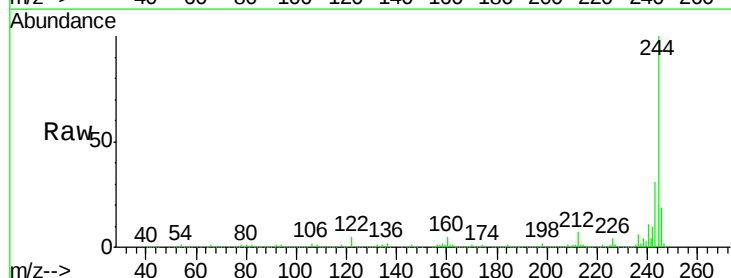


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

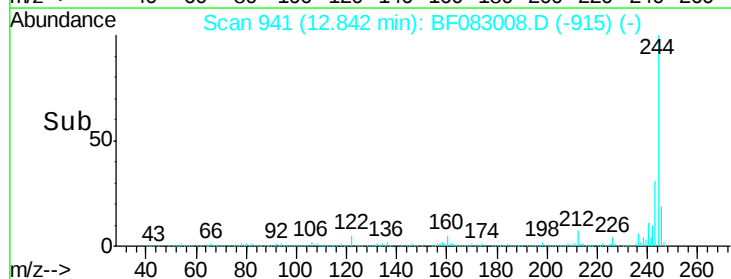
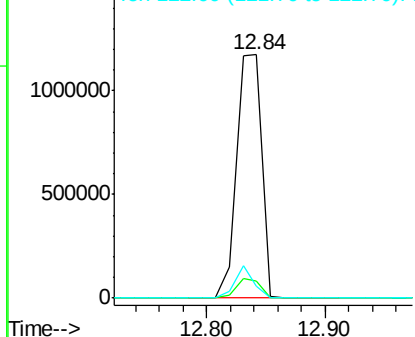


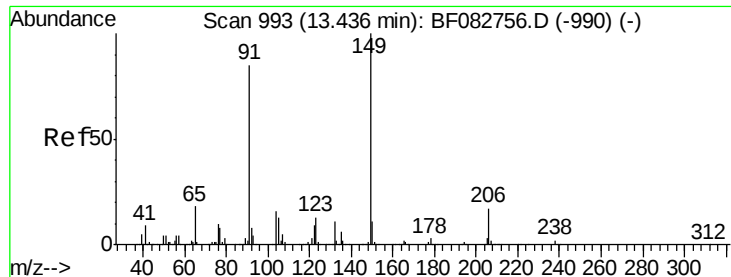
#78  
 Terphenyl-d14  
 Concen: 92.04 ng  
 RT: 12.84 min Scan# 941  
 Delta R.T. 0.00 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.8   | 7.6   | 11.4# |
| 122     | 4.9   | 11.3  | 16.9# |



Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E





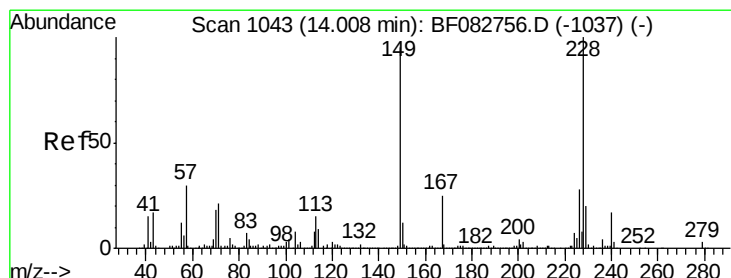
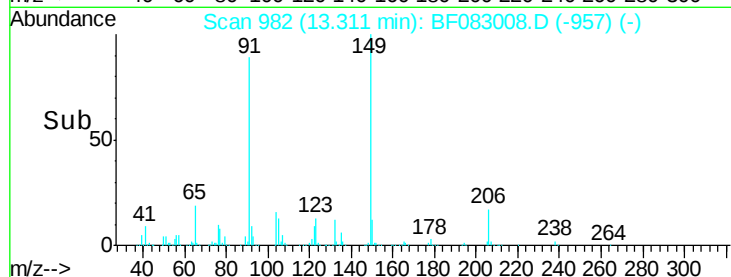
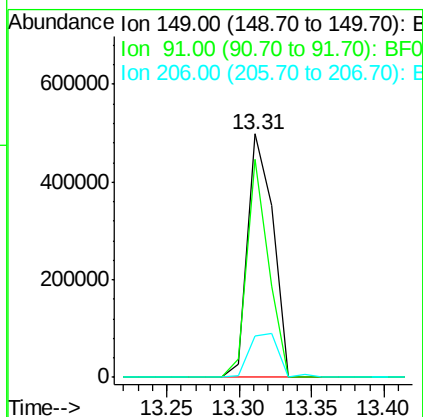
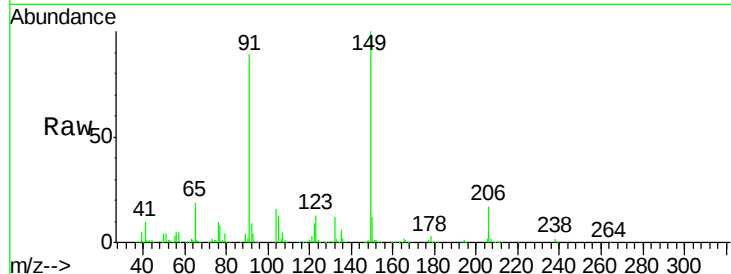
#79  
Butylbenzylphthalate  
Concen: 44.98 ng  
RT: 13.31 min Scan# 982  
Delta R.T. -0.01 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB86622BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 89.3  | 67.7  | 101.5 |
| 206     | 16.9  | 14.6  | 22.0  |

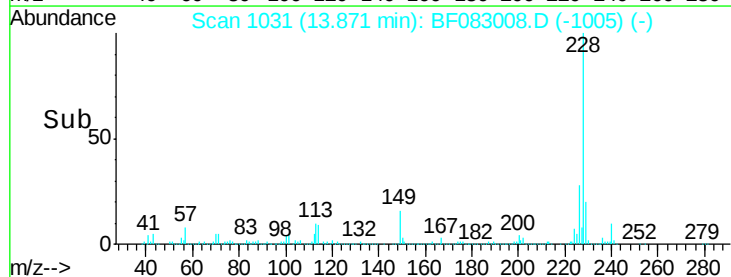
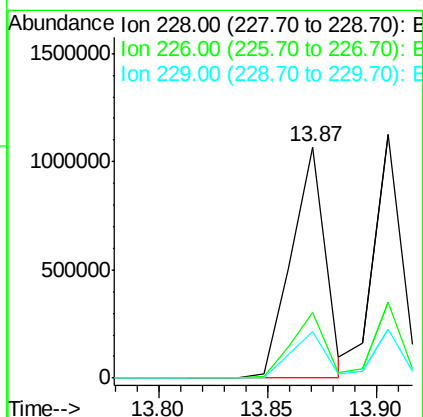
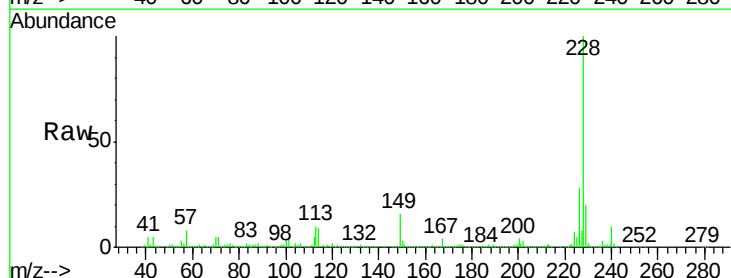
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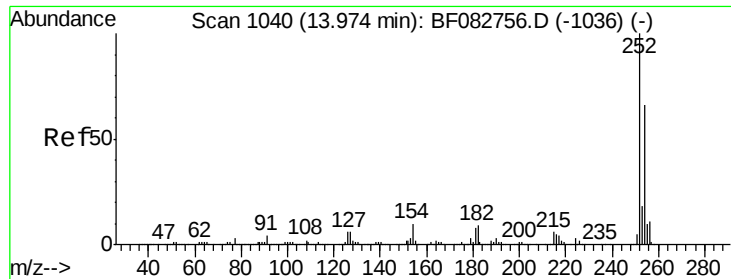
Mmdadoda  
11/19/2015 6:44:34 PM



#80  
Benzo(a)anthracene  
Concen: 41.70 ng  
RT: 13.87 min Scan# 1031  
Delta R.T. 0.00 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.3  | 23.4  | 35.2  |
| 229     | 20.3  | 16.3  | 24.5  |





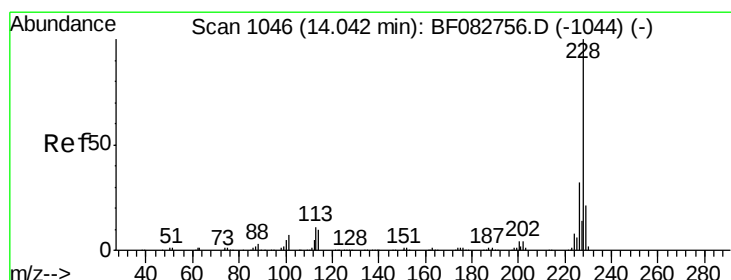
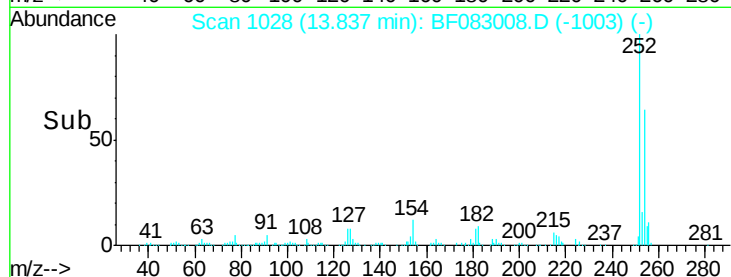
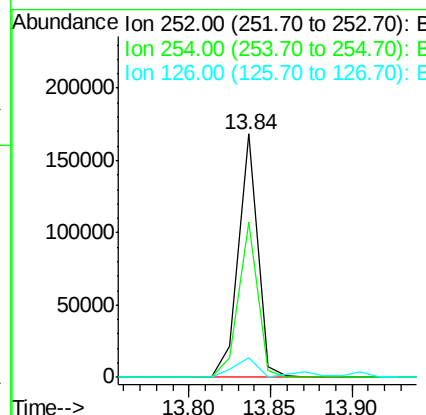
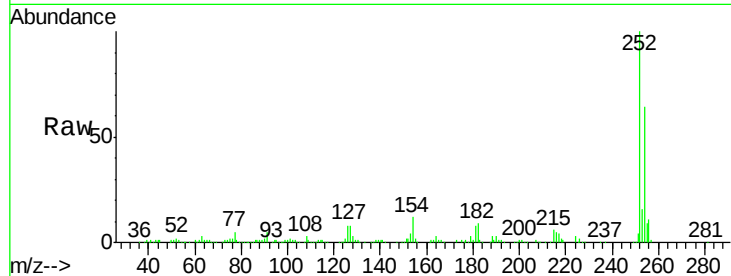
#81  
 3,3'-Dichlorobenzidine  
 Concen: 13.82 ng  
 RT: 13.84 min Scan# 1028  
 Delta R.T. -0.01 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86622BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 63.8  | 51.4       | 77.0       |
| 126     | 8.0   | 10.7       | 16.1       |

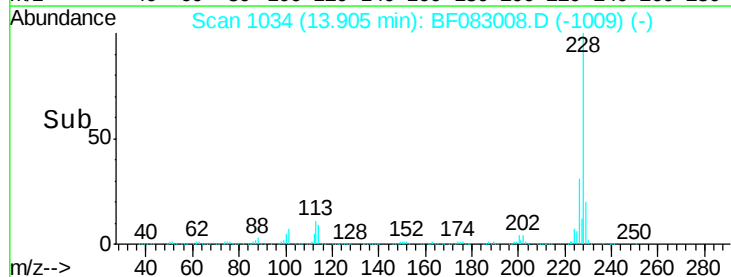
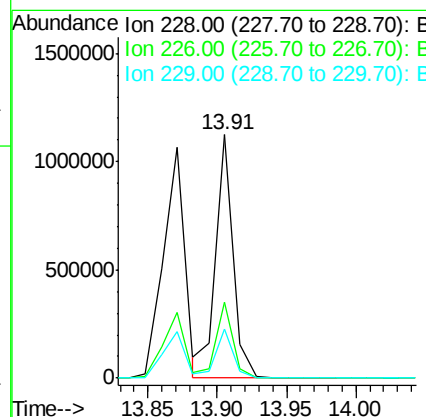
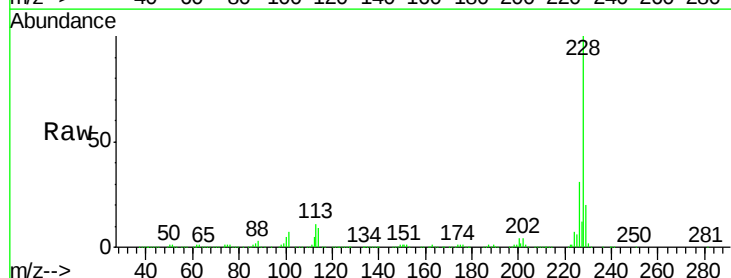
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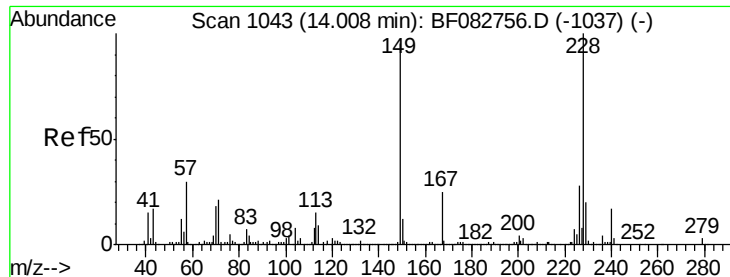
Mmdadoda  
 11/19/2015 6:44:34 PM



#82  
 Chrysene  
 Concen: 39.31 ng m  
 RT: 13.91 min Scan# 1034  
 Delta R.T. -0.01 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 31.4  | 25.5       | 38.3       |
| 229     | 20.3  | 16.3       | 24.5       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 46.04 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

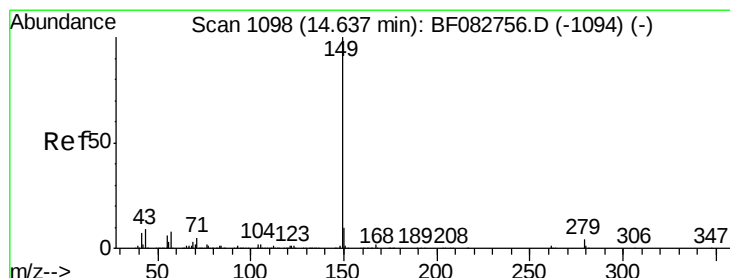
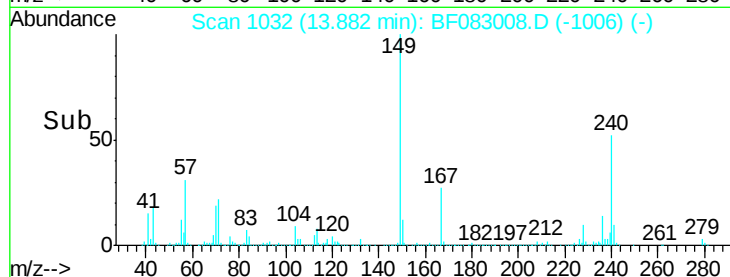
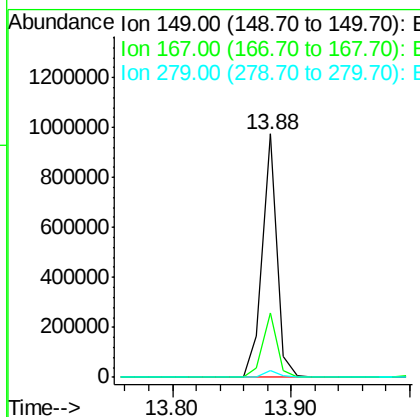
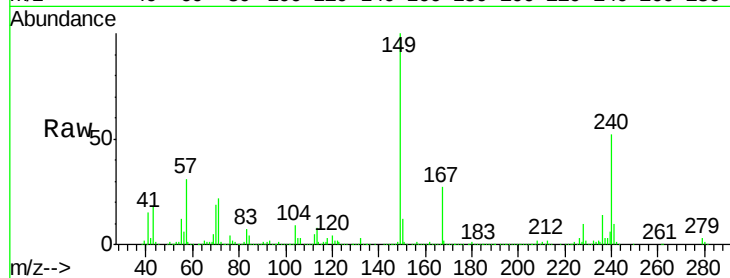
ClientSampleId :

PB86622BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 847800 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.6  | 21.2  | 31.8   |
| 279       | 2.8   | 2.2   | 3.2    |

Manual Integrations  
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Mmdadoda  
11/19/2015 6:44:34 PM



#84

Di-n-octyl phthalate

Concen: 44.56 ng

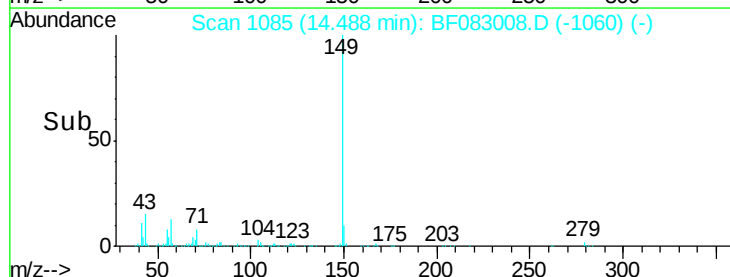
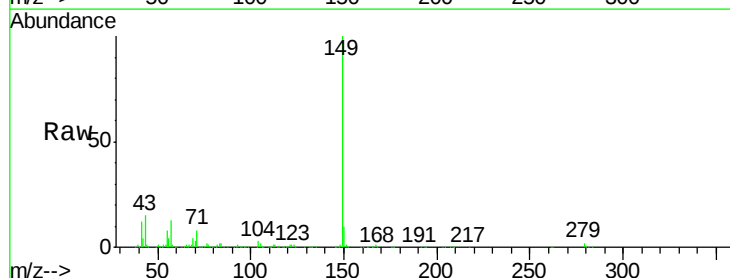
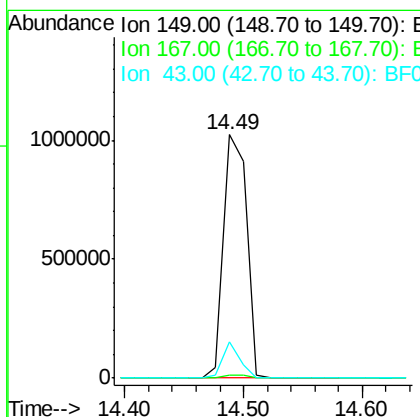
RT: 14.49 min Scan# 1085

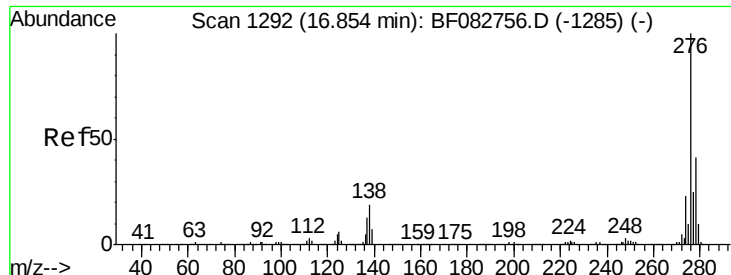
Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1368966 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 167       | 1.6   | 1.3   | 1.9     |
| 43        | 10.9  | 10.1  | 15.1    |





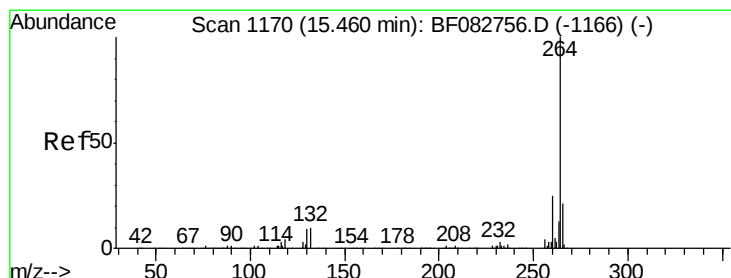
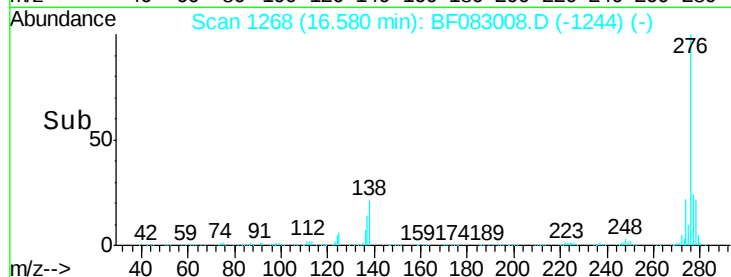
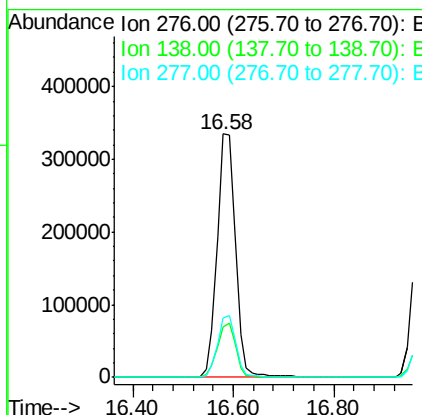
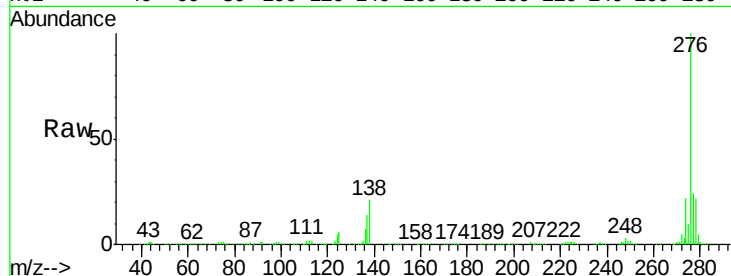
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 39.16 ng  
RT: 16.58 min Scan# 1268  
Delta R.T. -0.02 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB86622BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.2  | 15.3  | 22.9  |
| 277     | 25.1  | 20.2  | 30.4  |

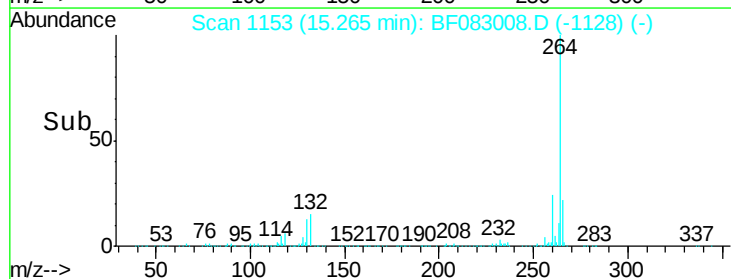
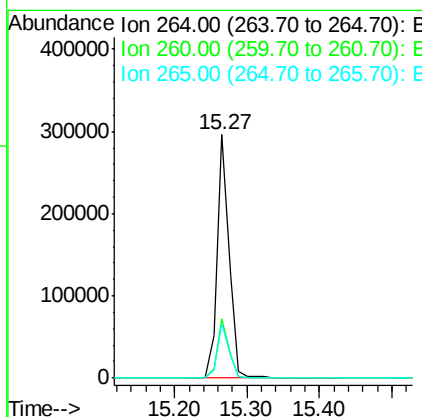
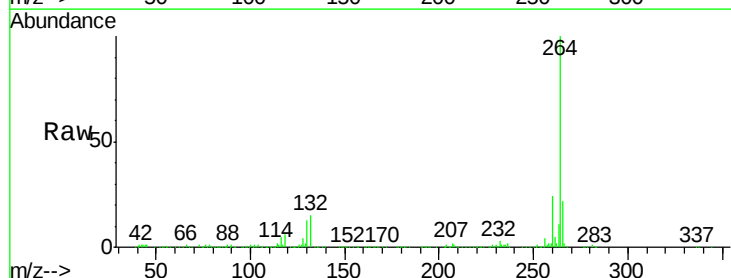
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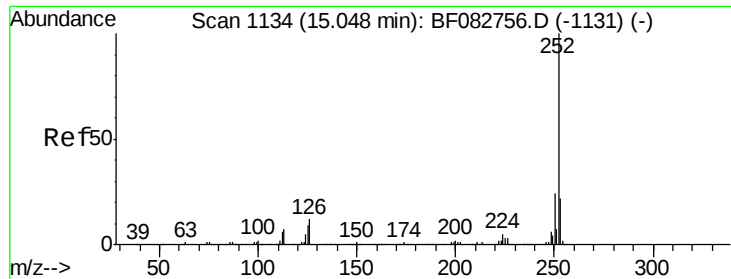
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#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.27 min Scan# 1153  
Delta R.T. -0.01 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 19.8  | 29.6  |
| 265     | 22.2  | 17.4  | 26.0  |





#87

Benzo(b)fluoranthene

Concen: 47.20 ng m

RT: 14.89 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

Instrument :

BNA\_F

ClientSampleId :

PB86622BS

Tgt Ion:252 Resp: 1019963

Ion Ratio Lower Upper

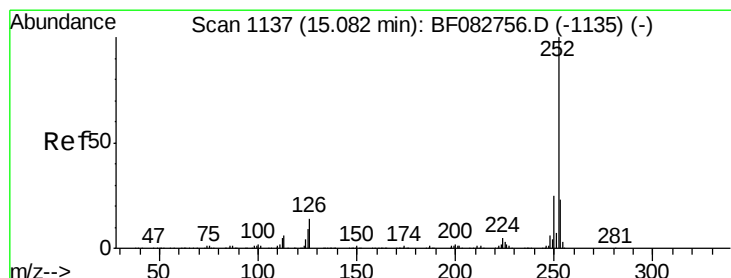
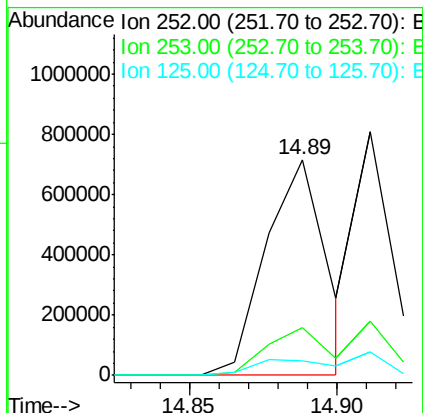
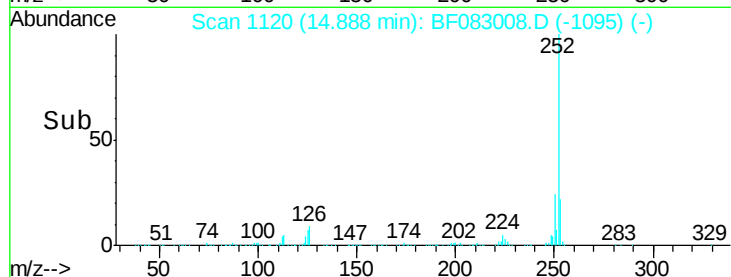
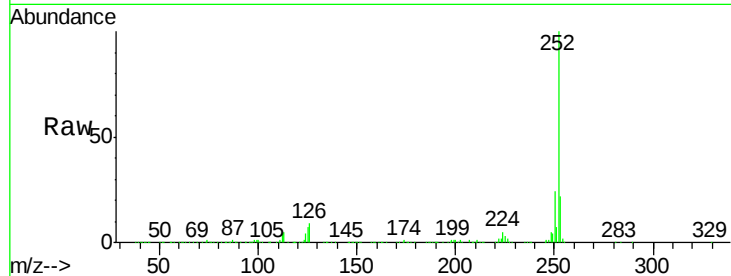
252 100

253 22.3 17.8 26.8

125 6.8 5.4 8.2

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#88

Benzo(k)fluoranthene

Concen: 37.54 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BF083008.D

Acq: 18 Nov 2015 14:09

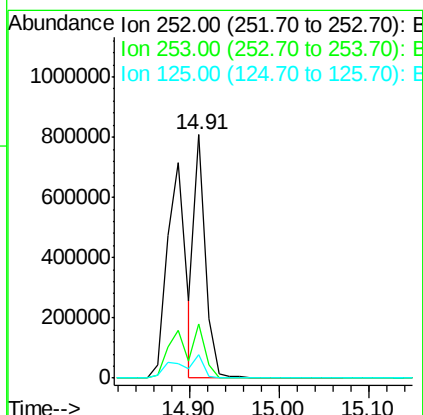
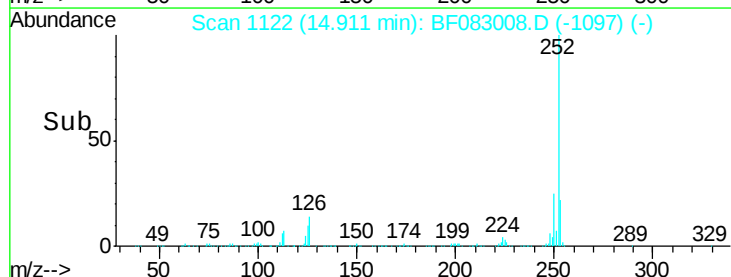
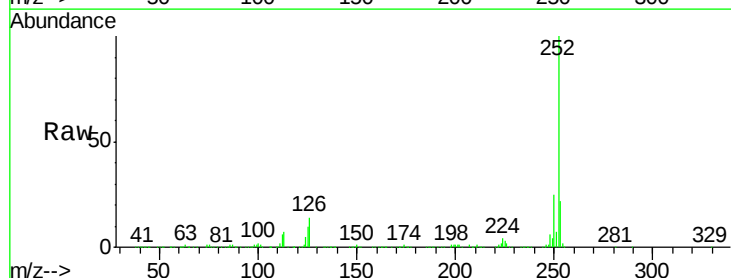
Tgt Ion:252 Resp: 719650

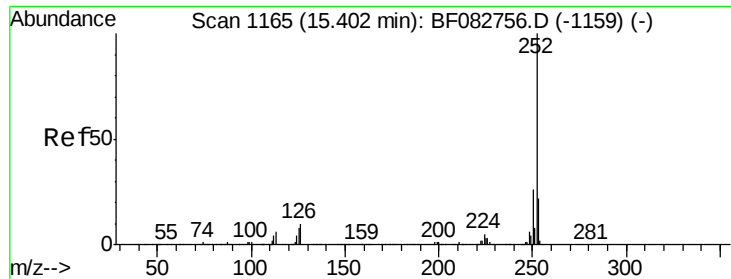
Ion Ratio Lower Upper

252 100

253 22.3 17.9 26.9

125 9.9 3.5 5.3#





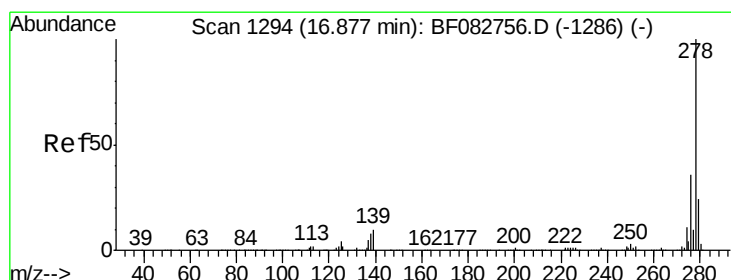
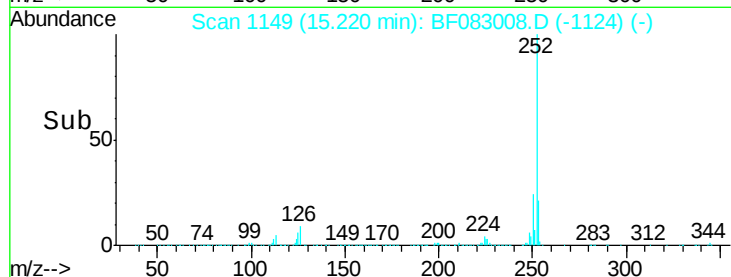
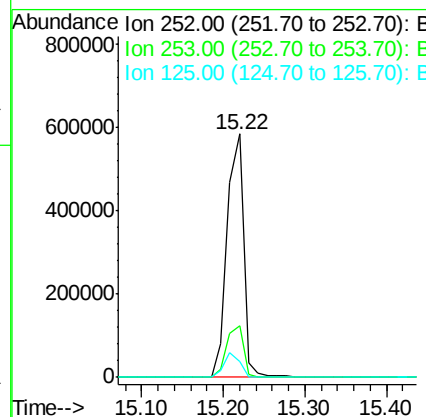
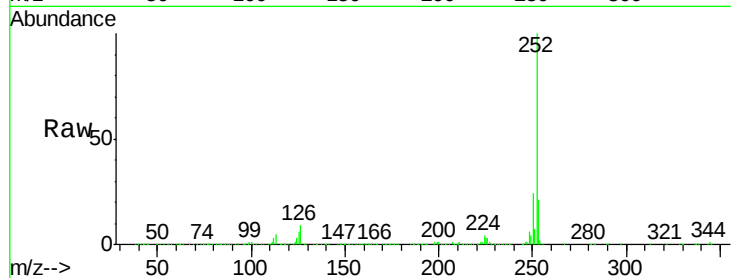
#89  
Benzo(a)pyrene  
Concen: 43.72 ng  
RT: 15.22 min Scan# 1149  
Delta R.T. -0.01 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

Instrument :  
BNA\_F  
ClientSampleId :  
PB86622BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.3  | 17.3  | 25.9  |
| 125     | 6.4   | 7.1   | 10.7# |

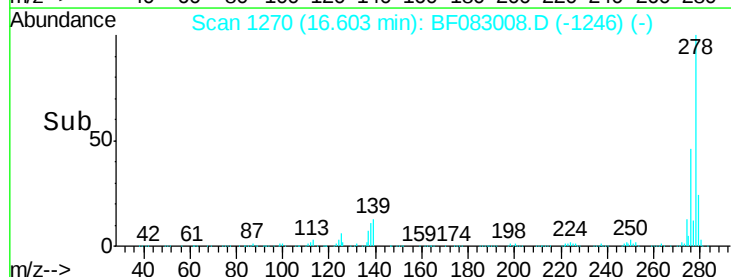
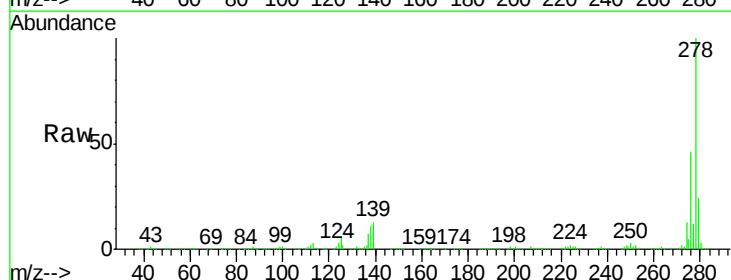
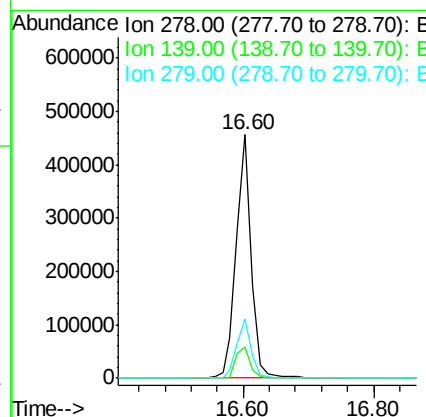
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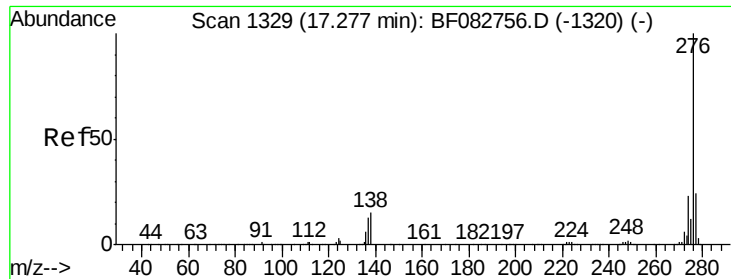
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#90  
Dibenzo(a,h)anthracene  
Concen: 45.55 ng  
RT: 16.60 min Scan# 1270  
Delta R.T. -0.02 min  
Lab File: BF083008.D  
Acq: 18 Nov 2015 14:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 12.9  | 9.9   | 14.9  |
| 279     | 24.3  | 19.6  | 29.4  |





#91  
 Benzo(g,h,i)perylene  
 Concen: 48.57 ng  
 RT: 16.98 min Scan# 1303  
 Delta R.T. -0.02 min  
 Lab File: BF083008.D  
 Acq: 18 Nov 2015 14:09

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB86622BS

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 276 | 100  |       | 737534 |       |       |
| 277 | 23.9 | 19.2  |        | 28.8  |       |
| 138 | 18.0 | 13.1  |        | 19.7  |       |

Manual Integrations  
 APPROVED

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