

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\  
 Data File : BF084873.D  
 Acq On : 5 Feb 2016 21:28  
 Operator : SJ/IZ  
 Sample : PB88197BS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88197BS

Manual Integrations  
 APPROVED

UMANGI  
 2/8/2016 3:03:00 PM

Quant Time: Feb 05 23:40:22 2016  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 03 14:16:01 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.66  | 152  | 178707   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 7.95  | 136  | 760654   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.70  | 164  | 342619   | 20.00 | ng    | -0.03    |
| 63) Phenanthrene-d10      | 11.17 | 188  | 572872   | 20.00 | ng    | -0.03    |
| 75) Chrysene-d12          | 13.80 | 240  | 371393   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 15.17 | 264  | 346992   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.26  | 112 | 943343  | 82.22 | ng | -0.01 |
| 7) Phenol-d6             | 6.32  | 99  | 1126077 | 79.17 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 7.24  | 82  | 1079327 | 79.93 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.49 | 330 | 253222  | 70.85 | ng | -0.03 |
| 44) 2-Fluorobiphenyl     | 9.04  | 172 | 1849463 | 94.41 | ng | -0.02 |
| 78) Terphenyl-d14        | 12.76 | 244 | 1388858 | 84.74 | ng | -0.03 |

## Target Compounds

|                                |      |     |         |       |    | Qvalue |
|--------------------------------|------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.25 | 88  | 164538  | 32.74 | ng | # 76   |
| 3) Pyridine                    | 2.89 | 79  | 523411  | 39.97 | ng | # 71   |
| 4) n-Nitrosodimethylamine      | 2.85 | 42  | 262396  | 38.75 | ng | # 83   |
| 6) Aniline                     | 6.33 | 93  | 373333  | 21.45 | ng | # 47   |
| 8) 2-Chlorophenol              | 6.45 | 128 | 533680  | 41.09 | ng | 94     |
| 9) Benzaldehyde                | 6.20 | 77  | 172734  | 20.57 | ng | 98     |
| 10) Phenol                     | 6.33 | 94  | 554775  | 34.82 | ng | # 70   |
| 11) bis(2-Chloroethyl)ether    | 6.41 | 93  | 512582  | 41.25 | ng | 87     |
| 12) 1,3-Dichlorobenzene        | 6.60 | 146 | 537259  | 39.16 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 6.68 | 146 | 543455  | 39.62 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 6.83 | 146 | 460755  | 36.07 | ng | 97     |
| 15) Benzyl Alcohol             | 6.82 | 79  | 400602  | 40.79 | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.96 | 45  | 768033  | 36.75 | ng | 90     |
| 17) 2-Methylphenol             | 6.94 | 107 | 426746  | 41.55 | ng | # 92   |
| 18) Hexachloroethane           | 7.17 | 117 | 208260  | 39.43 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.09 | 70  | 346857  | 38.90 | ng | # 75   |
| 20) 3+4-Methylphenols          | 7.10 | 107 | 533450  | 41.84 | ng | 90     |
| 22) Acetophenone               | 7.08 | 105 | 723695  | 36.10 | ng | # 98   |
| 24) Nitrobenzene               | 7.25 | 77  | 523457  | 36.20 | ng | 98     |
| 25) Isophorone                 | 7.49 | 82  | 961917  | 36.64 | ng | 97     |
| 26) 2-Nitrophenol              | 7.57 | 139 | 292692  | 41.04 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 7.63 | 122 | 473549  | 38.18 | ng | 87     |
| 28) bis(2-Chloroethoxy)methane | 7.71 | 93  | 580615  | 37.27 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.82 | 162 | 419302  | 39.51 | ng | 92     |
| 30) 1,2,4-Trichlorobenzene     | 7.89 | 180 | 443102  | 36.96 | ng | 96     |
| 31) Naphthalene                | 7.97 | 128 | 1474520 | 38.65 | ng | 99     |
| 32) Benzoic acid               | 7.77 | 122 | 292974  | 36.93 | ng | 93     |
| 33) 4-Chloroaniline            | 8.03 | 127 | 168082  | 10.65 | ng | # 93   |
| 34) Hexachlorobutadiene        | 8.09 | 225 | 248346  | 35.93 | ng | 98     |
| 35) Caprolactam                | 8.42 | 113 | 137111m | 41.91 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.53 | 107 | 498756  | 41.19 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.66 | 142 | 938603  | 39.31 | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.83 | 216 | 400319  | 36.79 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 8.82 | 237 | 385452  | 80.17 | ng | 99     |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 03 14:16:01 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.94  | 196  | 260988   | 37.23 | nq    | 94       |
| 43) 2,4,5-Trichlorophenol      | 8.99  | 196  | 271675   | 38.14 | nq #  | 82       |
| 45) 1,1'-Biphenyl              | 9.13  | 154  | 1093980  | 35.75 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 9.15  | 162  | 867657   | 38.50 | nq    | 93       |
| 47) 2-Nitroaniline             | 9.25  | 65   | 273743   | 38.36 | nq    | 96       |
| 48) Acenaphthylene             | 9.56  | 152  | 1248512  | 36.51 | nq    | 97       |
| 49) Dimethylphthalate          | 9.44  | 163  | 997145   | 38.21 | nq #  | 90       |
| 50) 2,6-Dinitrotoluene         | 9.50  | 165  | 222732   | 39.07 | nq #  | 88       |
| 51) Acenaphthene               | 9.73  | 154  | 823643   | 37.02 | nq    | 96       |
| 52) 3-Nitroaniline             | 9.66  | 138  | 137671   | 21.49 | nq    | 88       |
| 53) 2,4-Dinitrophenol          | 9.78  | 184  | 209648   | 79.70 | nq    | 93       |
| 54) Dibenzofuran               | 9.90  | 168  | 1058050  | 38.91 | nq    | 94       |
| 55) 4-Nitrophenol              | 9.85  | 139  | 258809   | 54.97 | nq #  | 74       |
| 56) 2,4-Dinitrotoluene         | 9.90  | 165  | 303427   | 41.73 | nq #  | 90       |
| 57) Fluorene                   | 10.25 | 166  | 873078   | 38.45 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.03 | 232  | 235565   | 43.44 | nq    | 93       |
| 59) Diethylphthalate           | 10.13 | 149  | 935681   | 36.72 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.25 | 204  | 434268   | 45.62 | nq    | 88       |
| 61) 4-Nitroaniline             | 10.28 | 138  | 227305   | 36.41 | nq    | 90       |
| 62) Azobenzene                 | 10.41 | 77   | 1011484  | 41.28 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.30 | 198  | 140216   | 39.66 | nq #  | 49       |
| 65) n-Nitrosodiphenylamine     | 10.36 | 169  | 739911   | 40.68 | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 10.73 | 248  | 252043   | 39.83 | nq #  | 77       |
| 67) Hexachlorobenzene          | 10.80 | 284  | 301483   | 43.73 | nq #  | 88       |
| 68) Atrazine                   | 10.90 | 200  | 239360   | 41.67 | nq    | 99       |
| 69) Pentachlorophenol          | 10.99 | 266  | 253980   | 78.39 | nq    | 99       |
| 70) Phenanthrene               | 11.21 | 178  | 1367560  | 43.04 | nq    | 99       |
| 71) Anthracene                 | 11.25 | 178  | 1279826  | 39.97 | nq    | 99       |
| 72) Carbazole                  | 11.41 | 167  | 1117686  | 40.04 | nq    | 100      |
| 73) Di-n-butylphthalate        | 11.76 | 149  | 1544019  | 43.44 | nq #  | 98       |
| 74) Fluoranthene               | 12.39 | 202  | 1305877  | 40.61 | nq    | 97       |
| 76) Benzidine                  | 12.51 | 184  | 435497   | 33.08 | nq    | 99       |
| 77) Pyrene                     | 12.61 | 202  | 1354331  | 47.63 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.24 | 149  | 573406   | 44.45 | nq    | 96       |
| 80) Benzo(a)anthracene         | 13.79 | 228  | 949077   | 41.17 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.77 | 252  | 158157   | 19.38 | nq #  | 99       |
| 82) Chrysene                   | 13.84 | 228  | 948847   | 42.45 | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.80 | 149  | 699052   | 43.55 | nq    | 99       |
| 84) Di-n-octyl phthalate       | 14.42 | 149  | 1134920  | 42.85 | nq #  | 90       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.45 | 276  | 866087   | 49.23 | nq    | 99       |
| 87) Benzo(b)fluoranthene       | 14.80 | 252  | 789060m  | 33.84 | nq    |          |
| 88) Benzo(k)fluoranthene       | 14.83 | 252  | 842413m  | 43.70 | nq    |          |
| 89) Benzo(a)pyrene             | 15.12 | 252  | 777546   | 39.14 | nq #  | 94       |
| 90) Dibenzo(a,h)anthracene     | 16.47 | 278  | 713107   | 42.64 | nq #  | 95       |
| 91) Benzo(g,h,i)perylene       | 16.83 | 276  | 739782   | 43.92 | nq    | 99       |

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

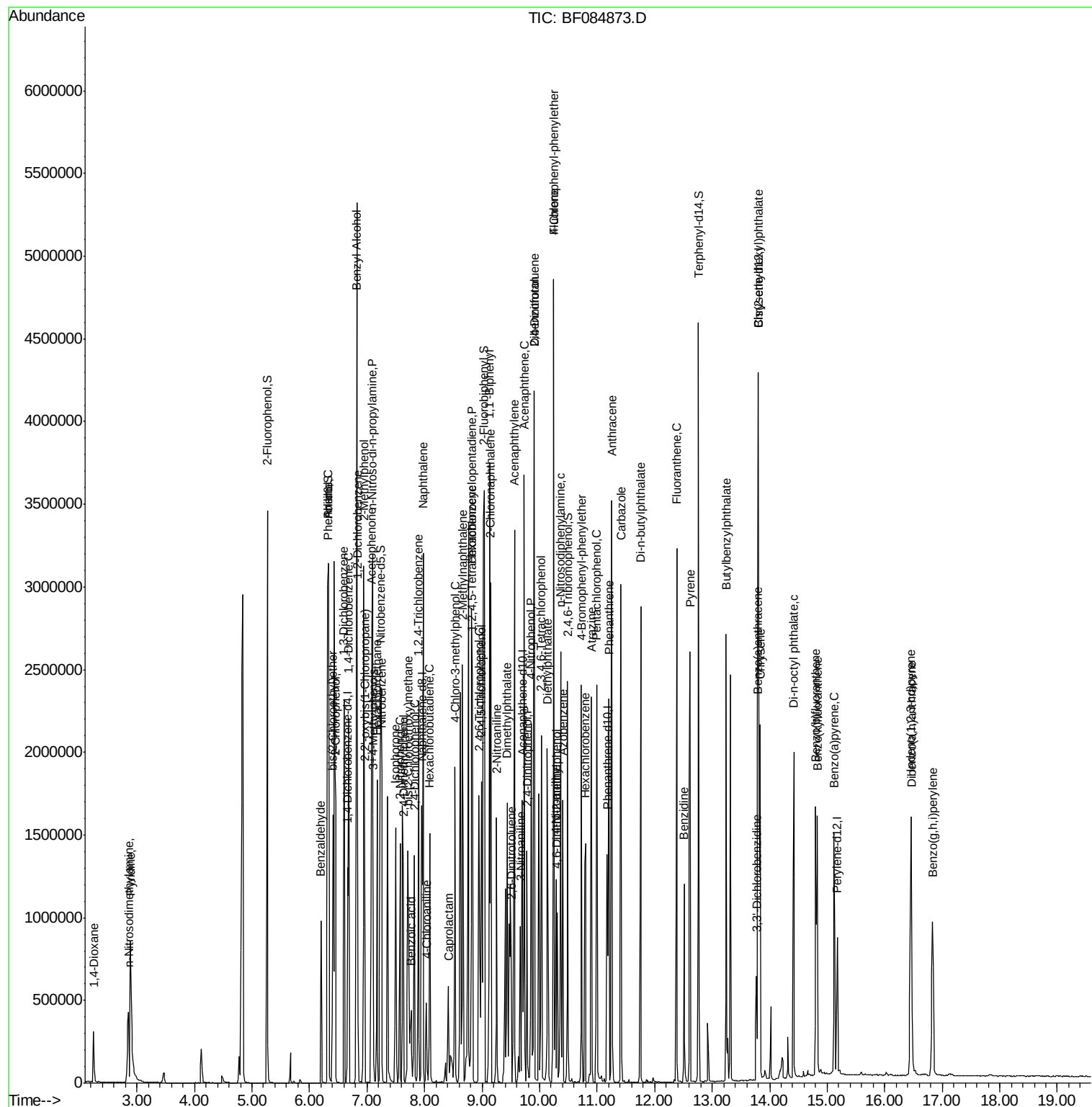
Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\  
Data File : BF084873.D  
Acq On : 5 Feb 2016 21:28  
Operator : SJ/IZ  
Sample : PB88197BS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

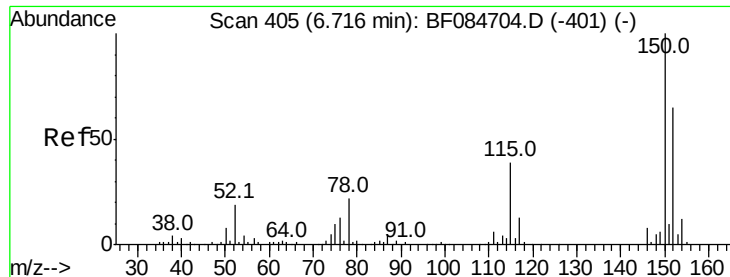
Instrument :  
BNA\_F  
ClientSampled :  
PB88197BS

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QLast Update : Wed Feb 03 14:16:01 2016  
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#1

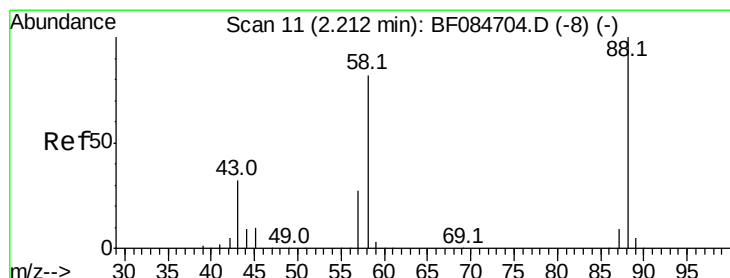
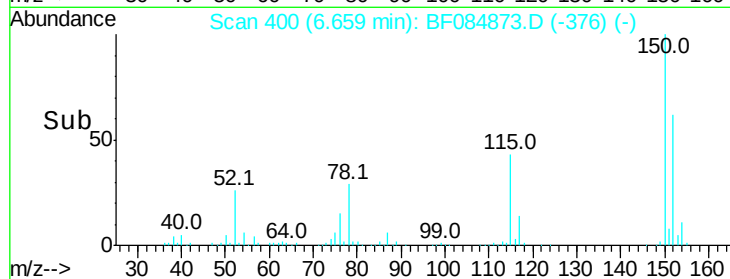
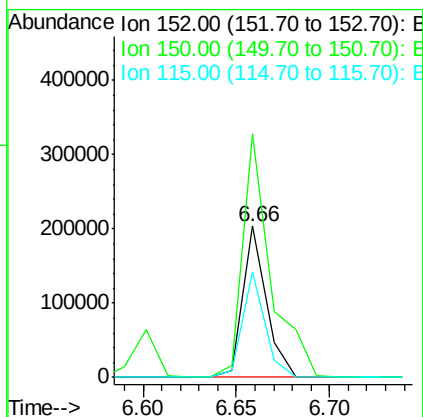
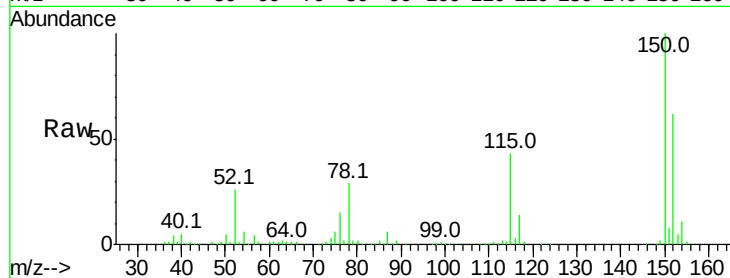
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.66 min Scan# 400  
Delta R.T. -0.02 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB88197BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 161.3 | 123.0 | 184.4 |
| 115     | 70.0  | 51.4  | 77.2  |

Manual Integrations  
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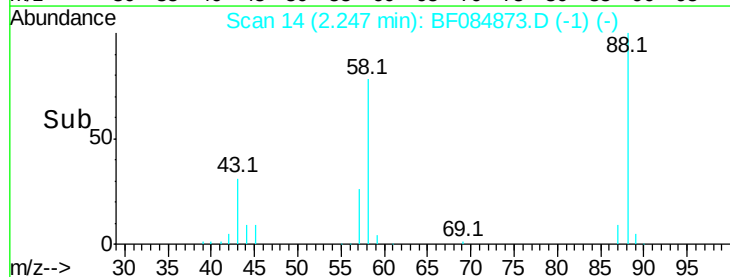
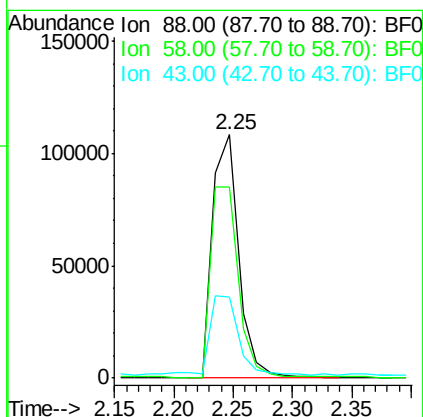
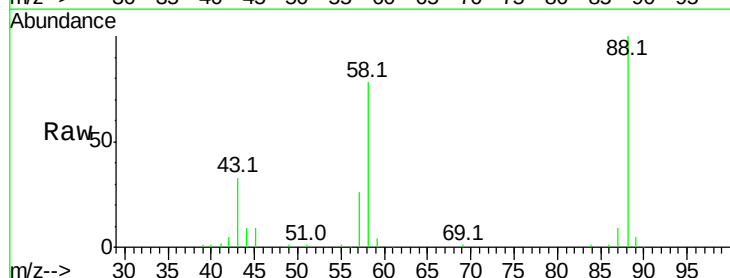
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2/8/2016 3:03:00 PM

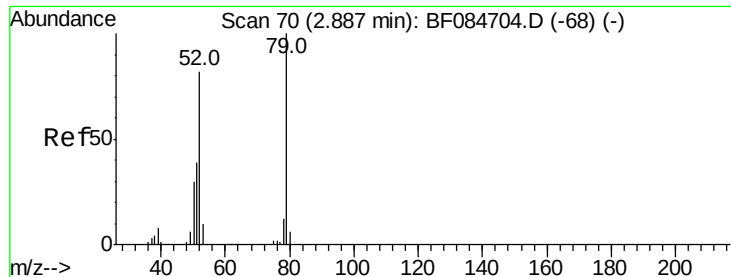


#2

1,4-Dioxane  
Concen: 32.74 ng  
RT: 2.25 min Scan# 14  
Delta R.T. 0.07 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 83.5  | 51.2  | 76.8# |
| 43      | 35.0  | 19.5  | 29.3# |





#3

Pvridine

Concen: 39.97 ng

RT: 2.89 min Scan# 70

Delta R.T. 0.05 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

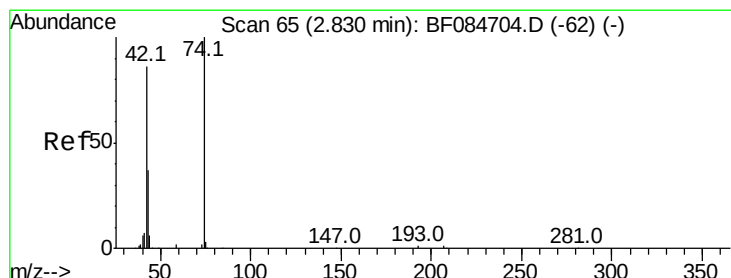
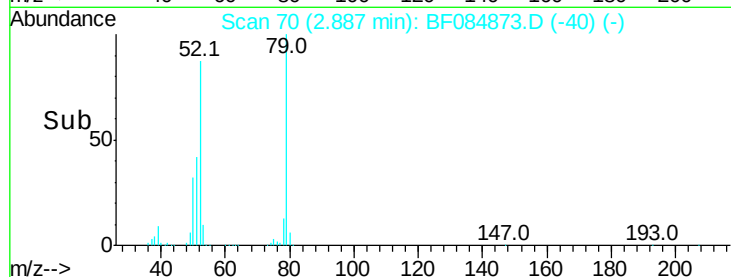
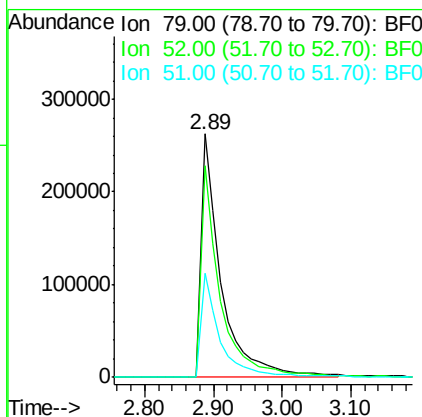
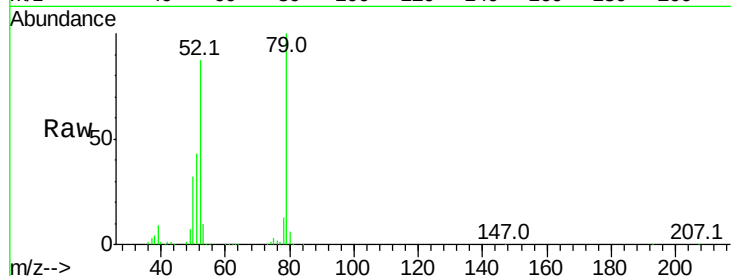
ClientSampleId :

PB88197BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 523411 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 86.8  | 49.0  | 73.4#  |
| 51        | 42.6  | 25.2  | 37.8#  |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 38.75 ng

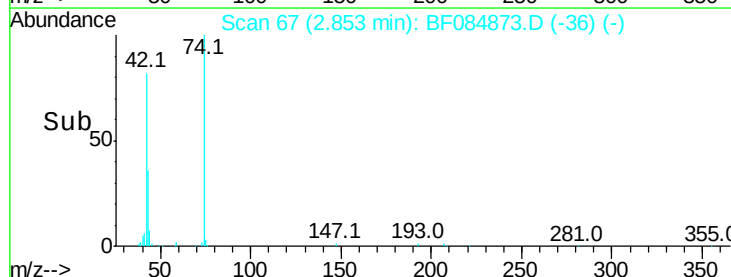
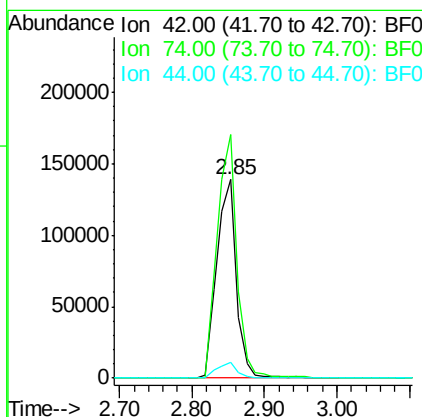
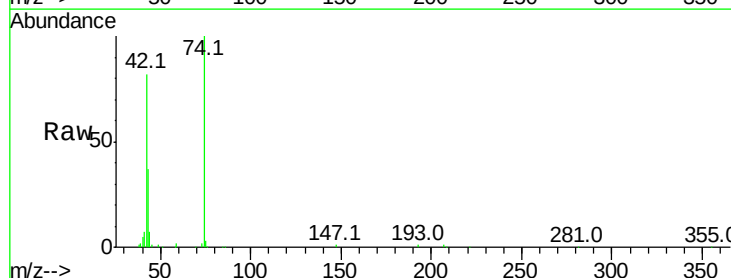
RT: 2.85 min Scan# 67

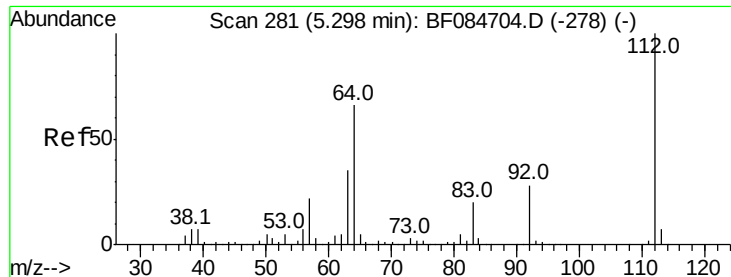
Delta R.T. 0.06 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 262396 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 122.5 | 115.7 | 173.5  |
| 44        | 8.0   | 5.1   | 7.7#   |





#5

2-Fluorophenol

Concen: 82.22 ng

RT: 5.26 min Scan# 278

Delta R.T. -0.01 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

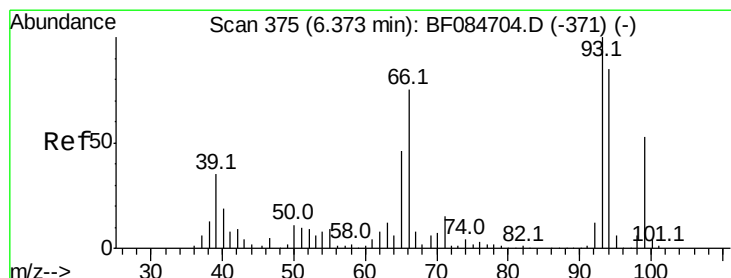
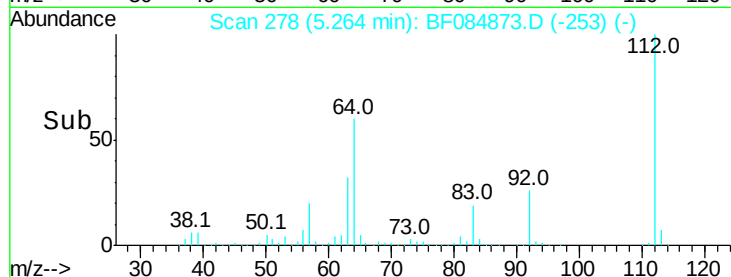
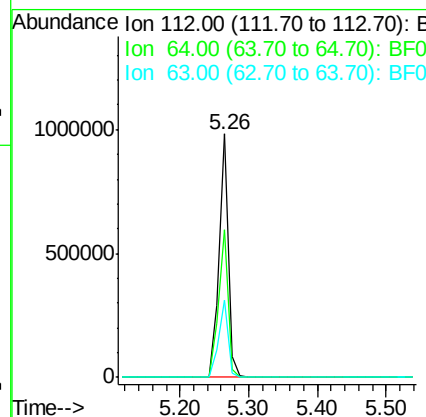
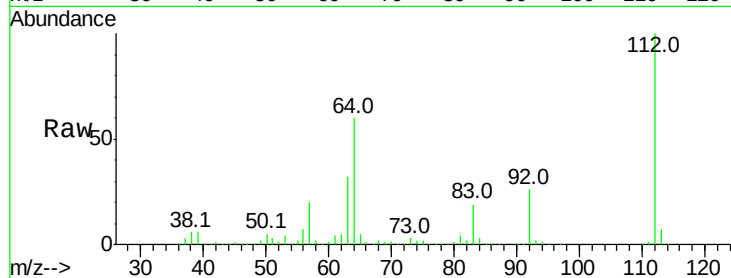
ClientSampleId :

PB88197BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 943343 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 60.4  | 36.6  | 55.0#  |
| 63        | 31.7  | 19.4  | 29.0#  |

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#6

Aniline

Concen: 21.45 ng

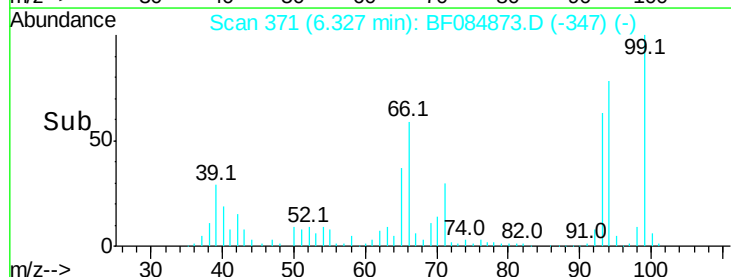
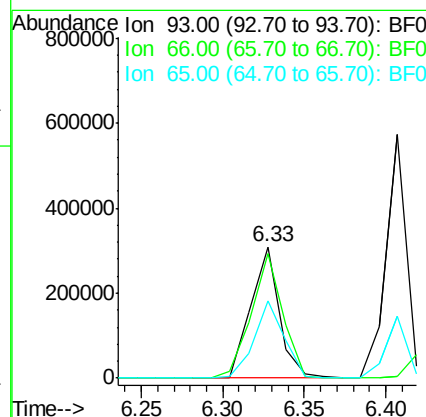
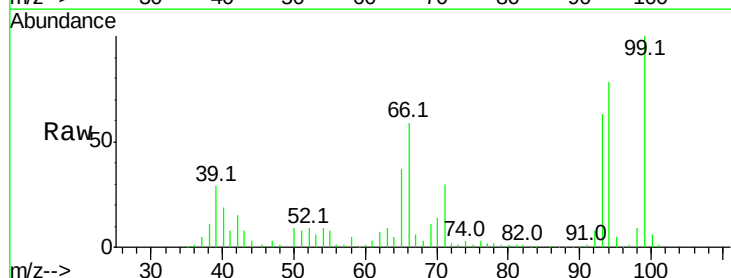
RT: 6.33 min Scan# 371

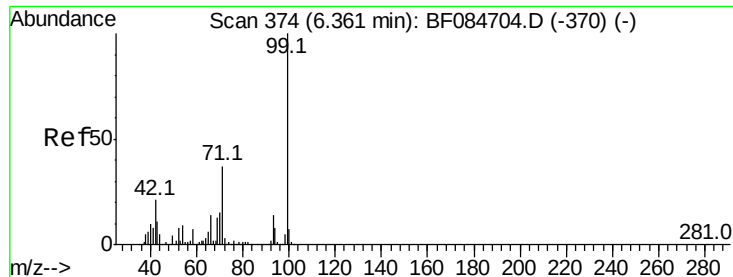
Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 373333 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 94.6  | 44.9  | 67.3#  |
| 65        | 58.9  | 23.7  | 35.5#  |





#7

Phenol-d6

Concen: 79.17 ng

RT: 6.32 min Scan# 370

Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

ClientSampleId :

PB88197BS

Tot Ion: 99 Resp: 1126077

Ion Ratio Lower Upper

99 100

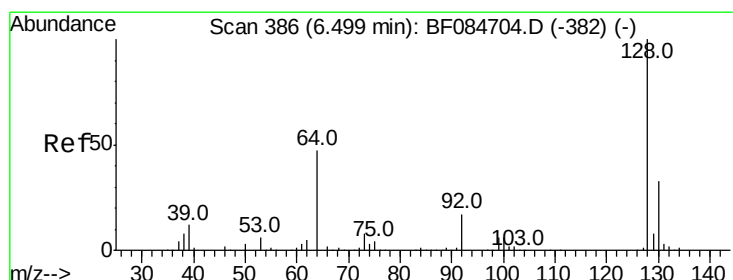
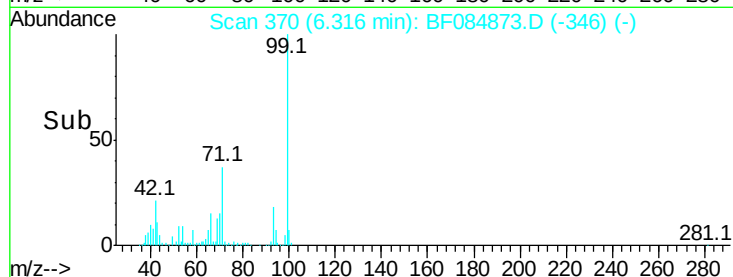
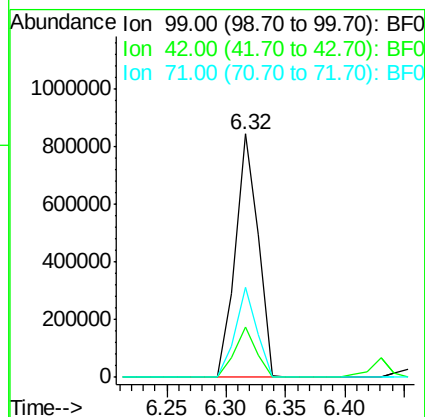
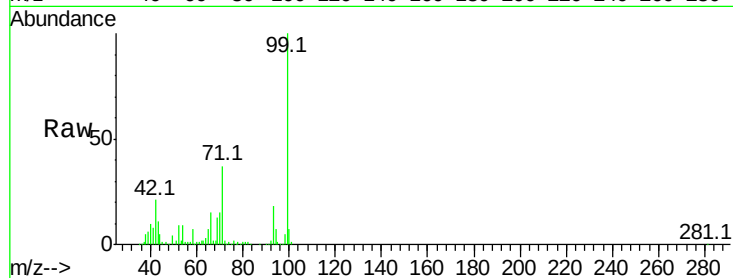
42 20.8 12.8 19.2#

71 37.1 30.9 46.3

Manual Integrations  
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#8

2-Chlorophenol

Concen: 41.09 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

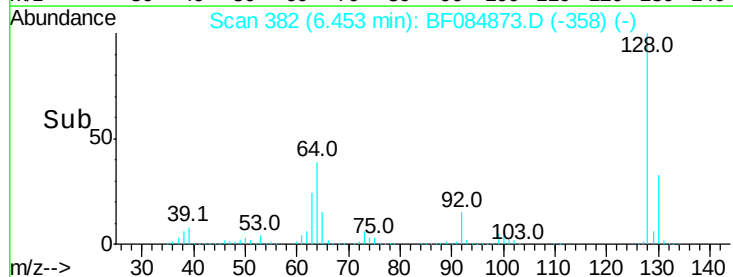
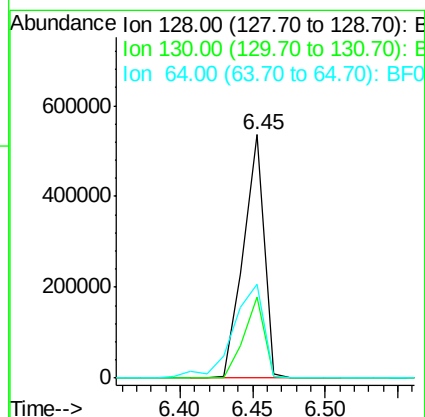
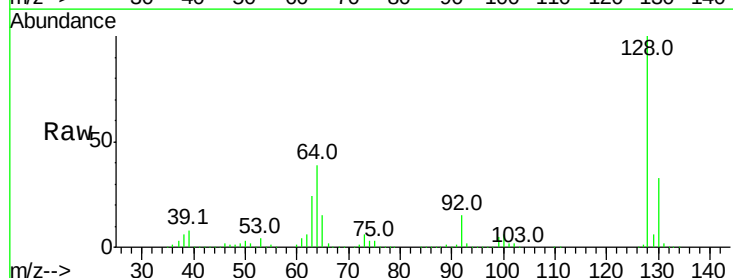
Tgt Ion: 128 Resp: 533680

Ion Ratio Lower Upper

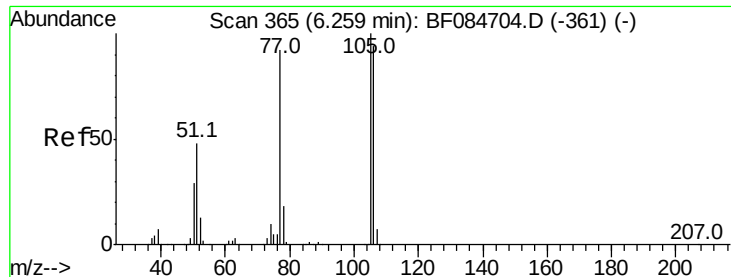
128 100

130 33.0 11.6 51.6

64 38.8 23.8 63.8







#9

Benzaldehyde

Concen: 20.57 ng

RT: 6.20 min Scan# 360

Delta R.T. -0.03 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

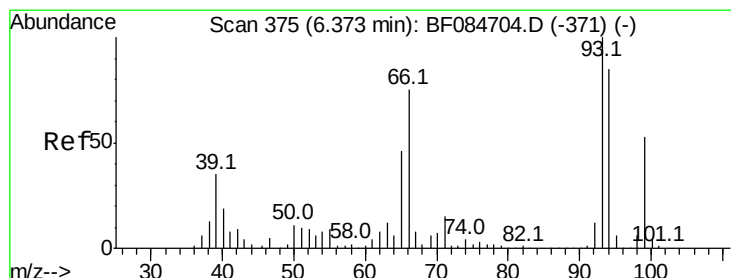
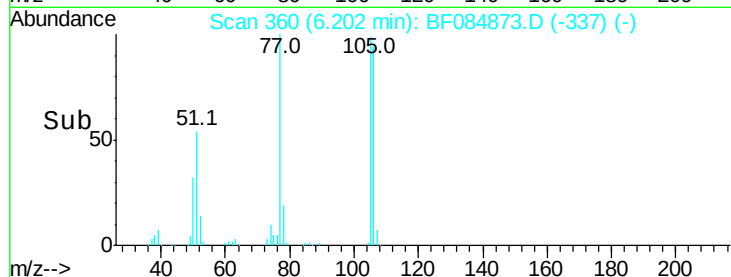
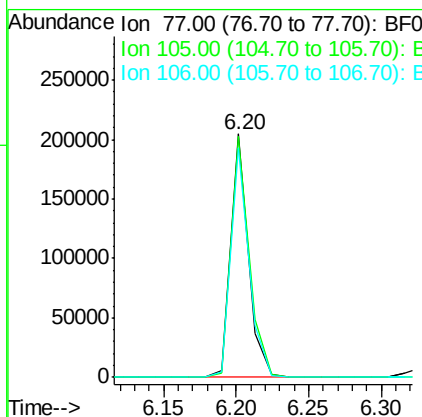
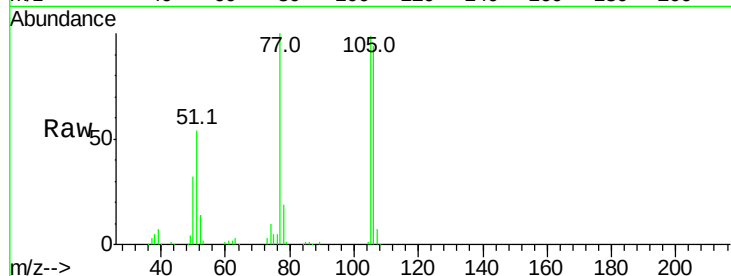
ClientSampled :

PB88197BS

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 77    | Resp: | 172734 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 99.1  | 83.0  | 123.0  |
| 106       | 94.4  | 74.6  | 114.6  |



#10

Phenol

Concen: 34.82 ng

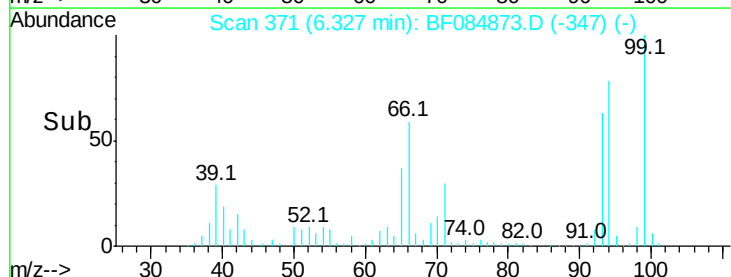
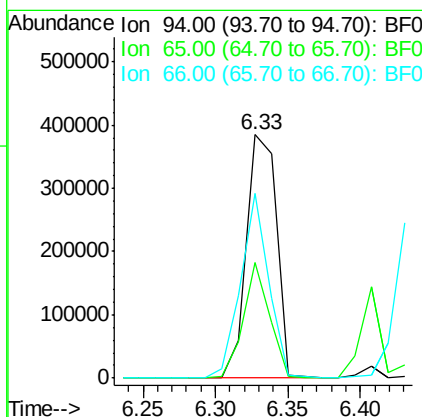
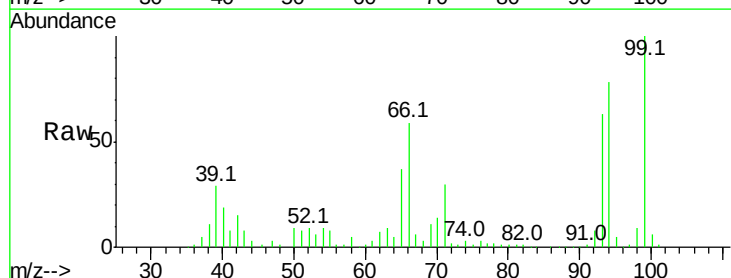
RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

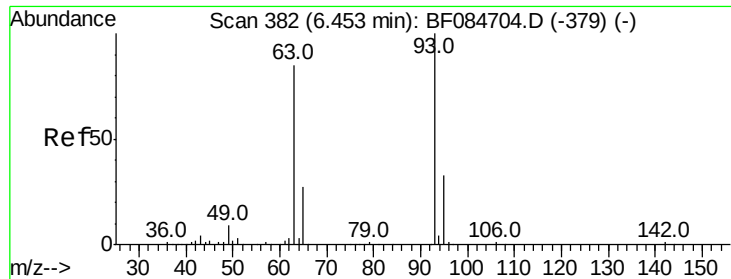
Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 554775 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 47.4  | 12.9  | 52.9   |
| 66        | 76.1  | 32.7  | 72.7#  |







#11

bis(2-Chloroethyl)ether

Concen: 41.25 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

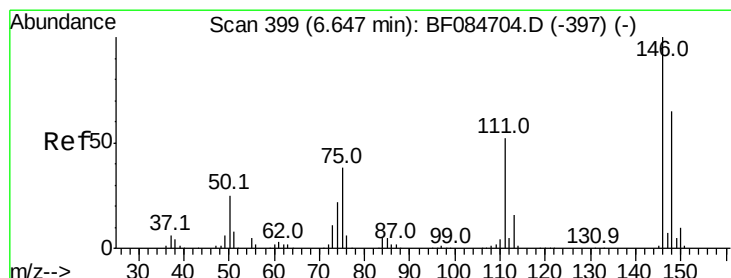
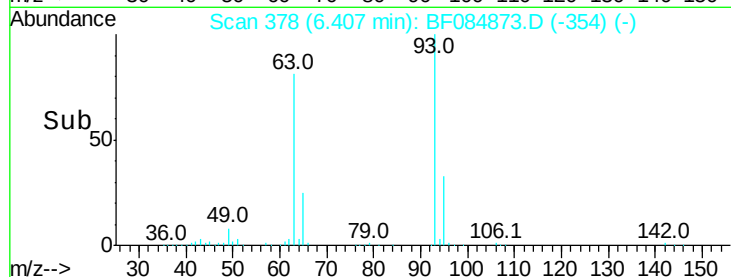
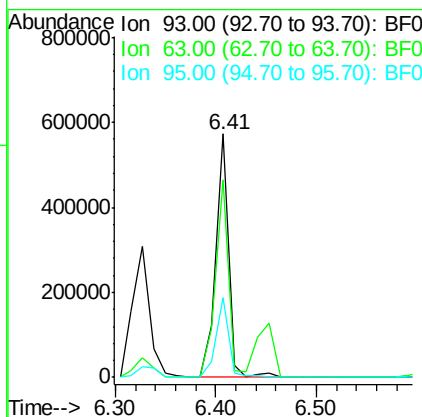
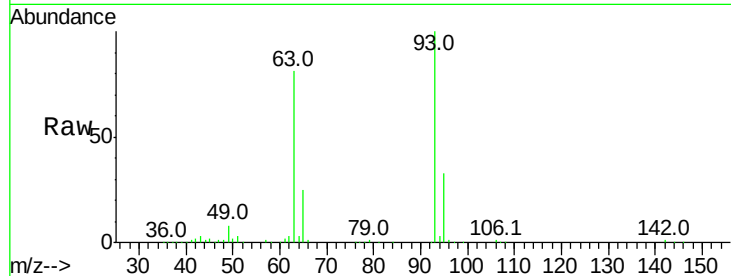
ClientSampleId :

PB88197BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 512582 |       |       |
| 63      | 81.4 | 45.9  | 85.9   |       |       |
| 95      | 32.9 | 12.3  | 52.3   |       |       |

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#12

1,3-Dichlorobenzene

Concen: 39.16 ng

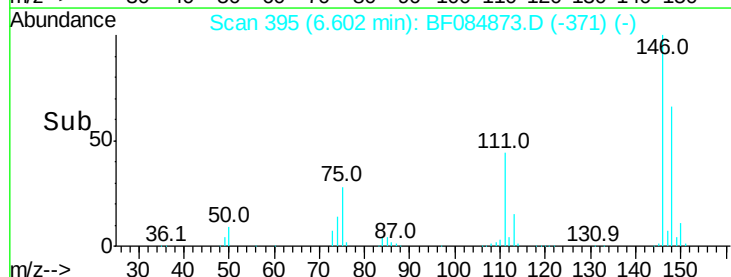
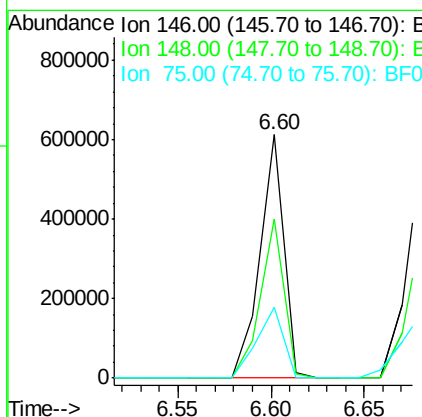
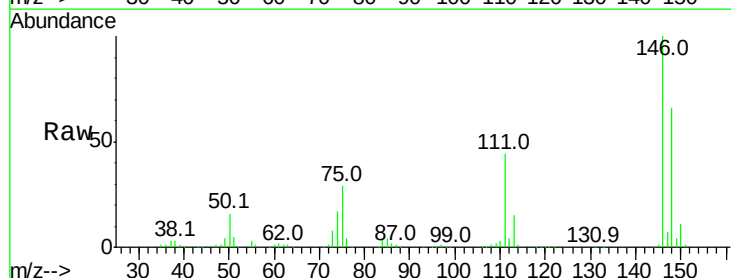
RT: 6.60 min Scan# 395

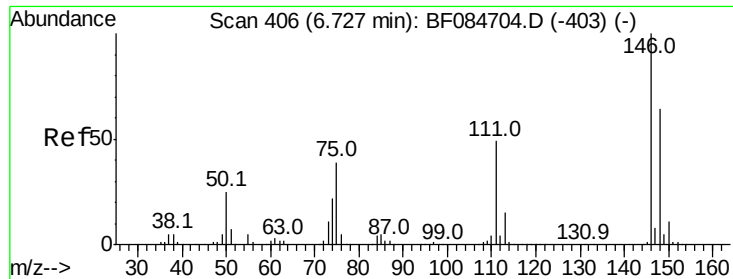
Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 146     | 100  |       | 537259 |       |       |
| 148     | 65.5 | 51.9  | 77.9   |       |       |
| 75      | 29.3 | 20.5  | 30.7   |       |       |





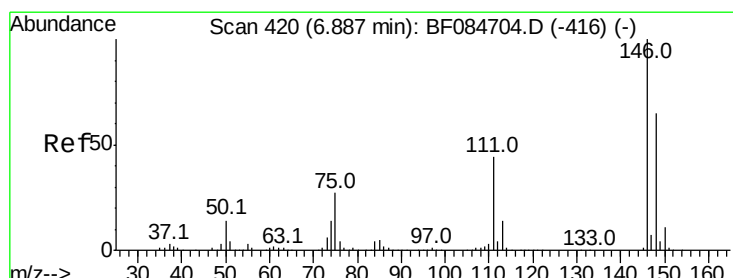
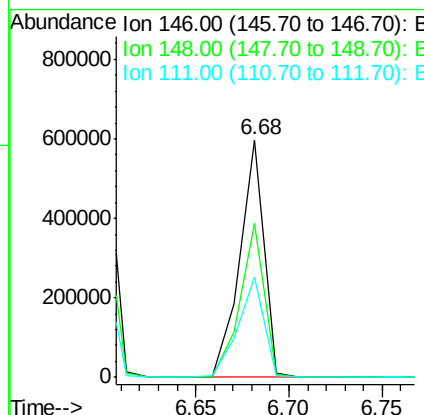
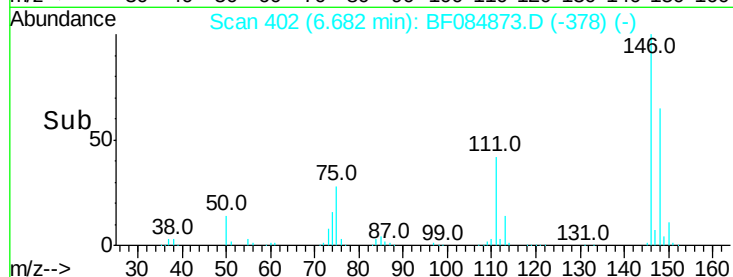
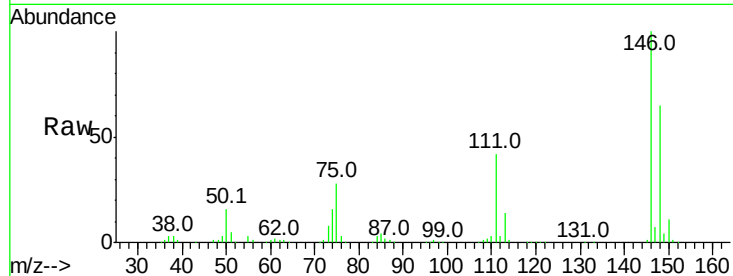
#13  
 1,4-Dichlorobenzene  
 Concen: 39.62 ng  
 RT: 6.68 min Scan# 402  
 Delta R.T. -0.02 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88197BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 51.9  | 77.9  |
| 111     | 42.4  | 41.6  | 62.4  |

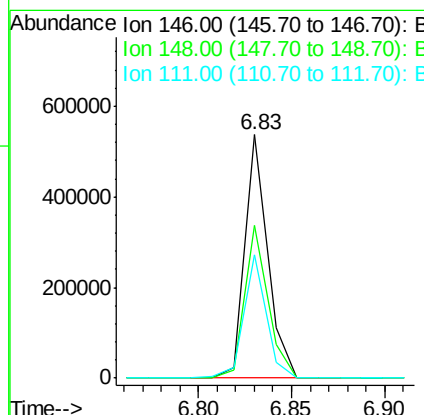
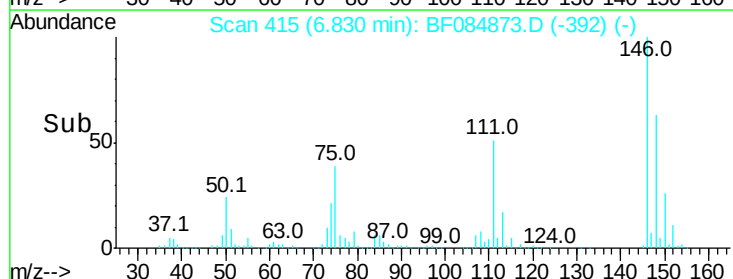
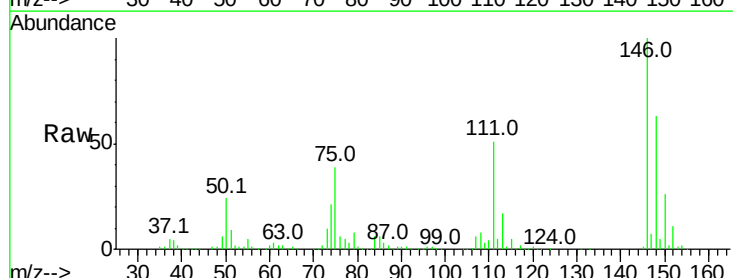
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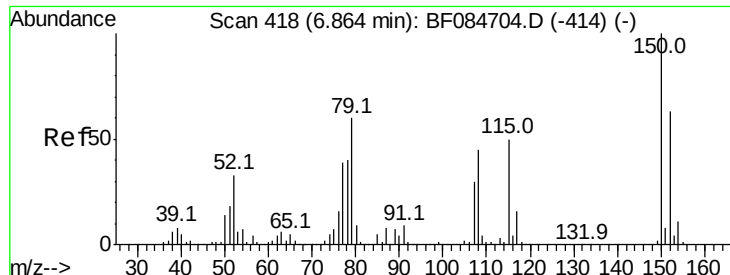
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#14  
 1,2-Dichlorobenzene  
 Concen: 36.07 ng  
 RT: 6.83 min Scan# 415  
 Delta R.T. -0.03 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.8  | 51.6  | 77.4  |
| 111     | 50.6  | 38.0  | 57.0  |





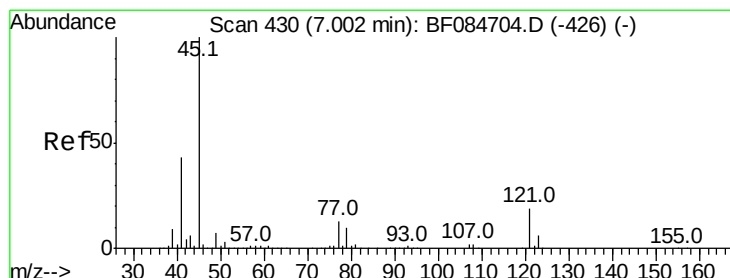
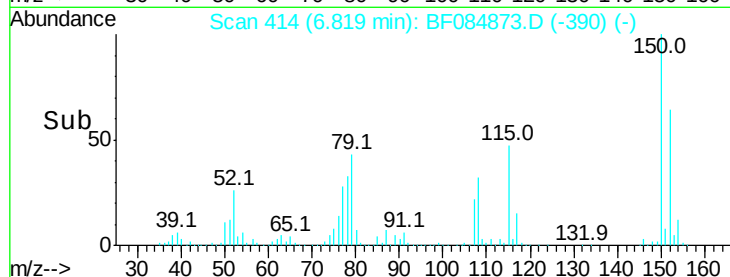
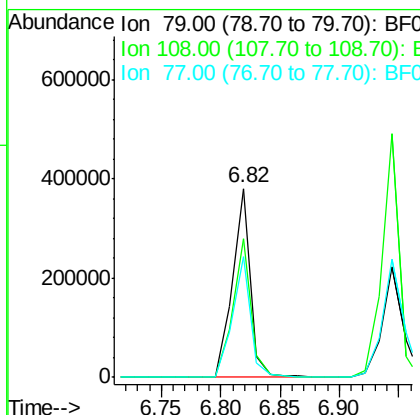
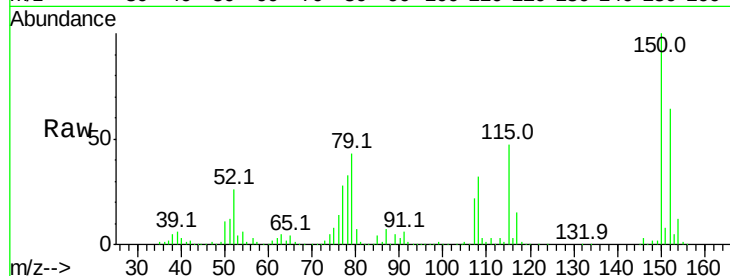
#15  
Benzyl Alcohol  
Concen: 40.79 ng  
RT: 6.82 min Scan# 414  
Delta R.T. -0.02 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB88197BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 73.7  | 69.0  | 103.4 |
| 77      | 64.1  | 50.0  | 75.0  |

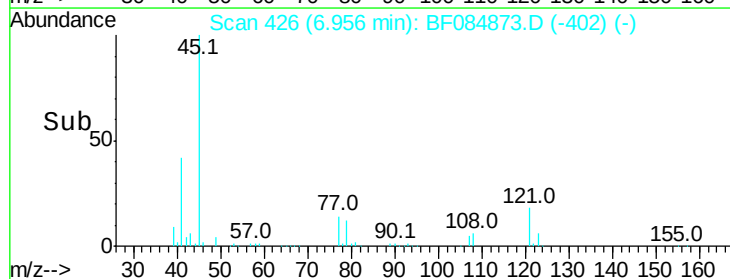
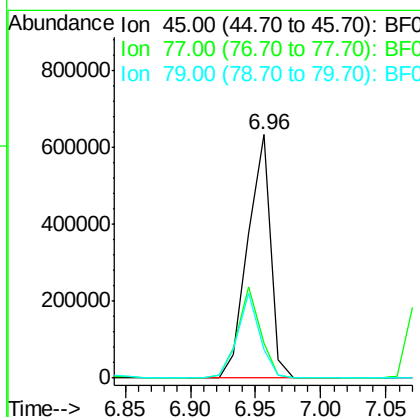
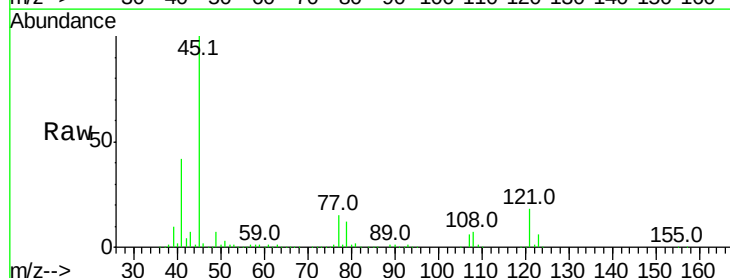
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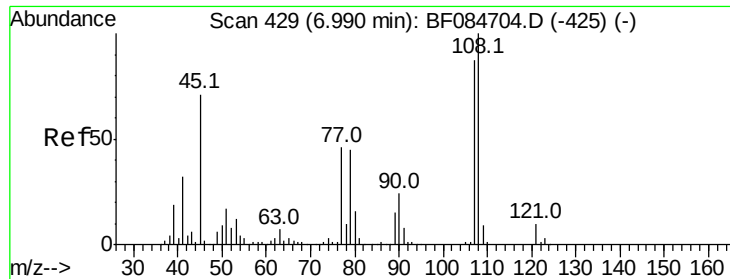
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 36.75 ng  
RT: 6.96 min Scan# 426  
Delta R.T. -0.02 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 14.5  | 0.0   | 39.6  |
| 79      | 11.9  | 0.0   | 35.0  |





#17

2-Methylphenol

Concen: 41.55 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

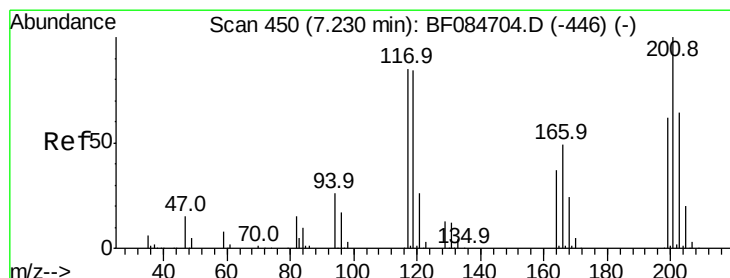
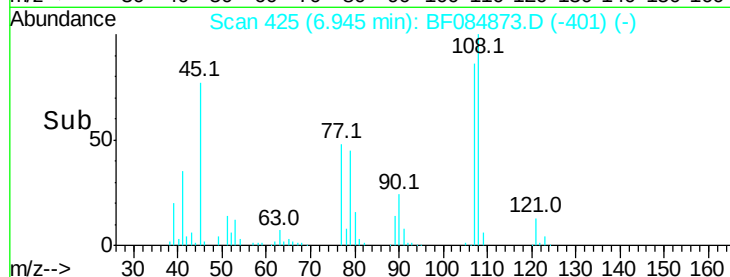
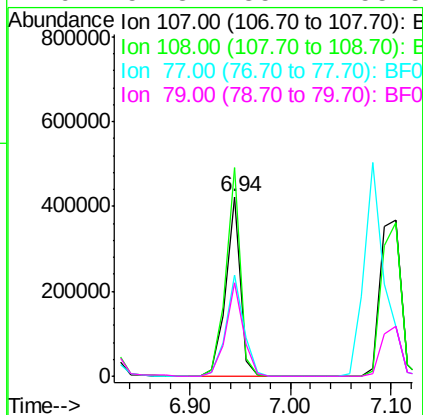
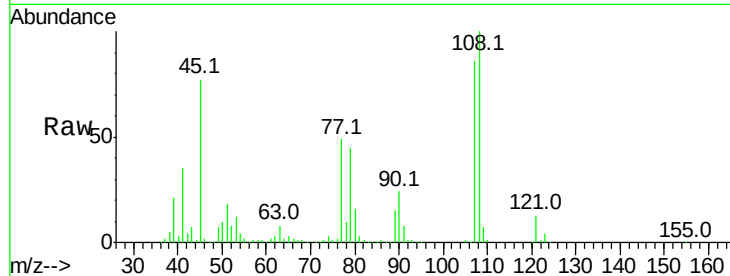
ClientSampleId :

PB88197BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 115.9 | 89.8 | 134.6 |       |
| 77      | 56.2  | 35.7 | 53.5# |       |
| 79      | 52.3  | 35.7 | 53.5  |       |

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#18

Hexachloroethane

Concen: 39.43 ng

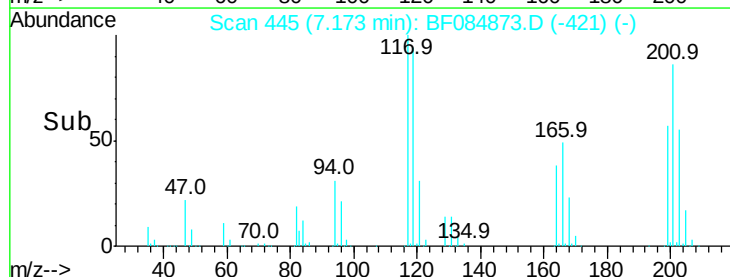
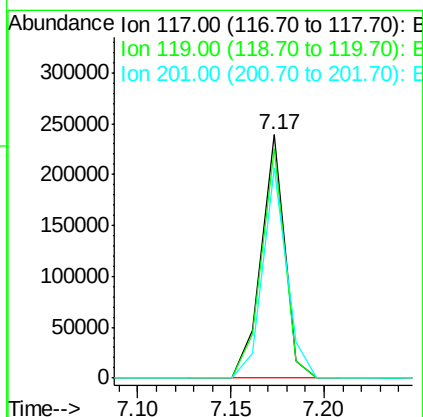
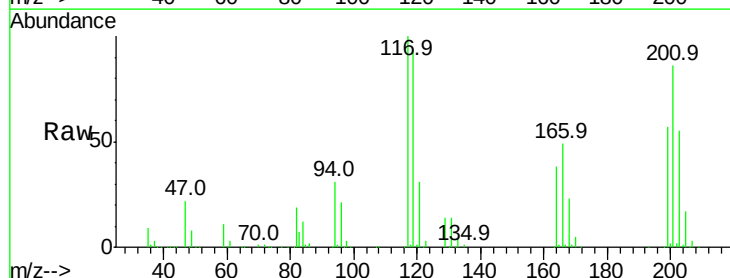
RT: 7.17 min Scan# 445

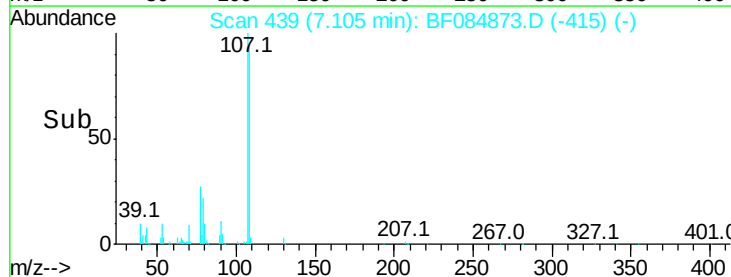
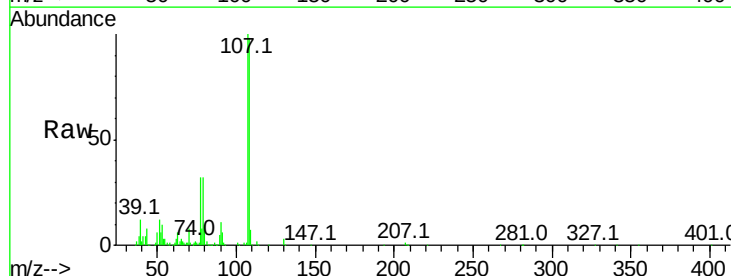
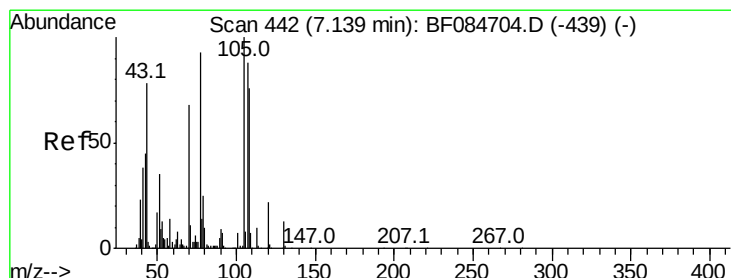
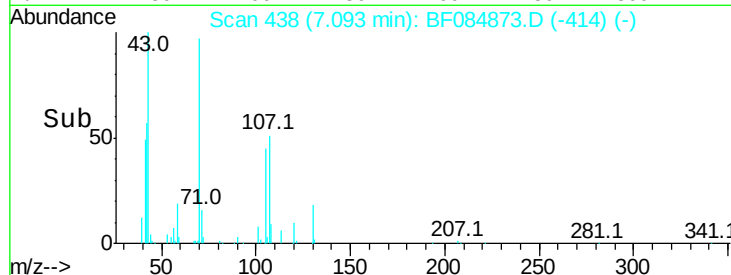
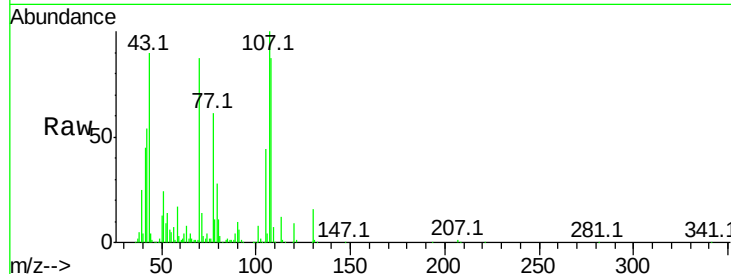
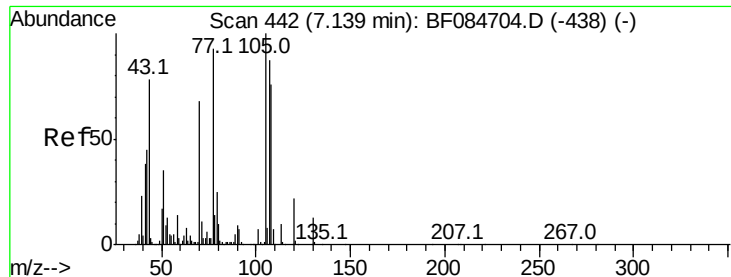
Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 94.3  | 77.4 | 116.0 |       |
| 201     | 86.2  | 68.6 | 103.0 |       |





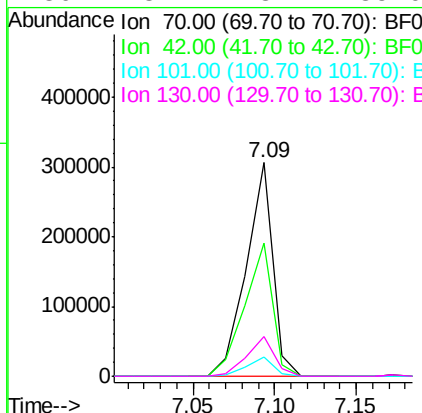
#19  
n-Nitroso-di-n-propylamine  
Concen: 38.90 ng  
RT: 7.09 min Scan# 438  
Delta R.T. -0.02 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB88197BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 62.6 | 33.3  | 49.9# |       |
| 101     | 9.3  | 9.3   | 13.9# |       |
| 130     | 18.7 | 23.4  | 35.0# |       |

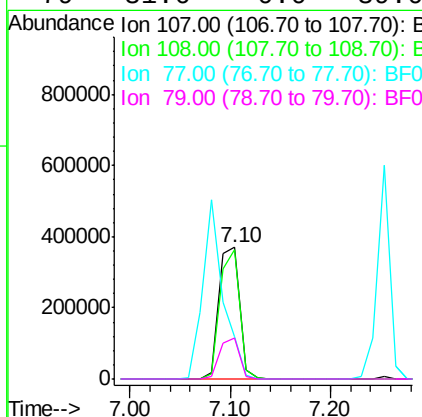
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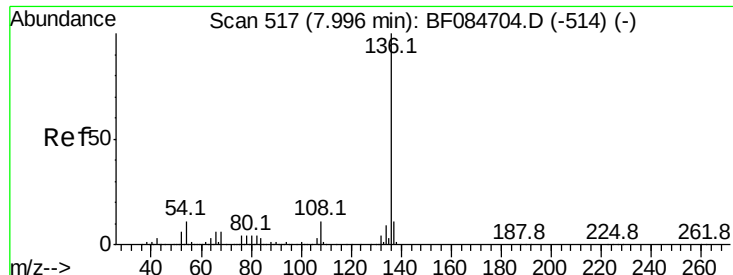
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#20  
3+4-Methylphenols  
Concen: 41.84 ng  
RT: 7.10 min Scan# 439  
Delta R.T. -0.02 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 98.0 | 74.6  | 114.6 |       |
| 77      | 32.2 | 0.7   | 40.7  |       |
| 79      | 31.6 | 0.0   | 39.0  |       |





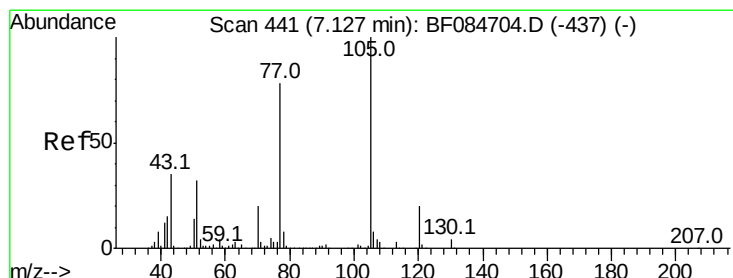
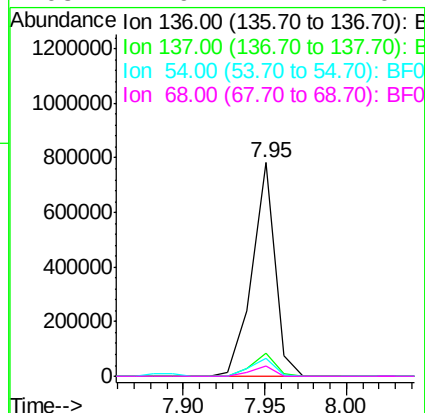
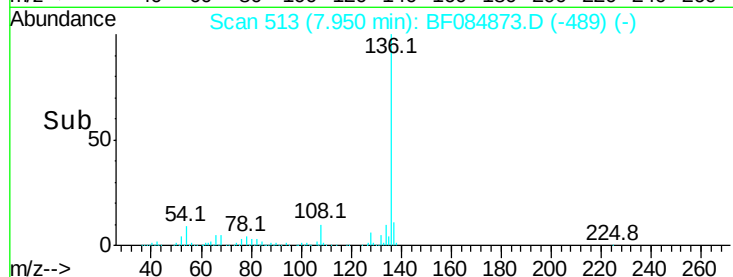
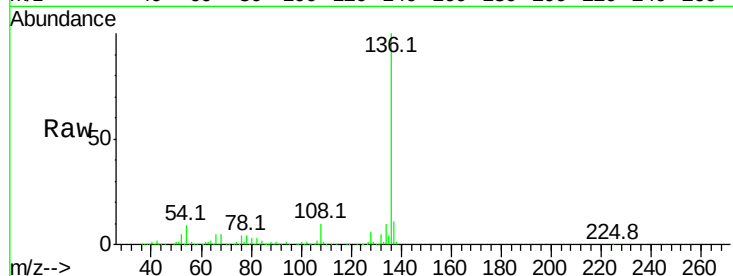
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.95 min Scan# 513  
Delta R.T. -0.02 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB88197BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 136     | 100   |            |       |
| 137     | 11.1  | 8.7        | 13.1  |
| 54      | 8.5   | 5.8        | 8.8   |
| 68      | 4.9   | 4.2        | 6.2   |

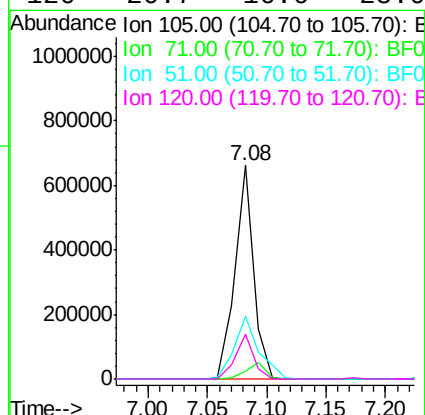
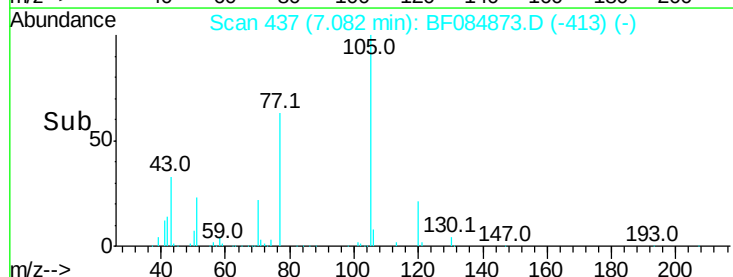
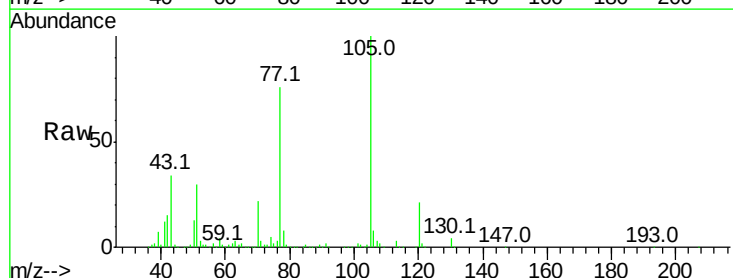
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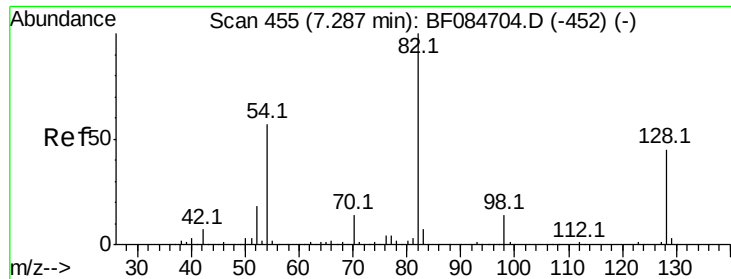
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#22  
Acetophenone  
Concen: 36.10 ng  
RT: 7.08 min Scan# 437  
Delta R.T. -0.02 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 71      | 3.3   | 3.7        | 5.5#  |
| 51      | 29.6  | 25.1       | 37.7  |
| 120     | 20.7  | 16.6       | 25.0  |





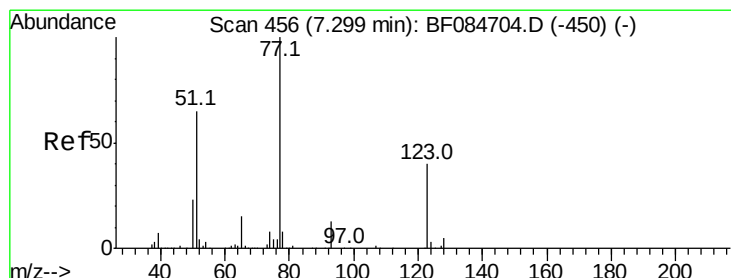
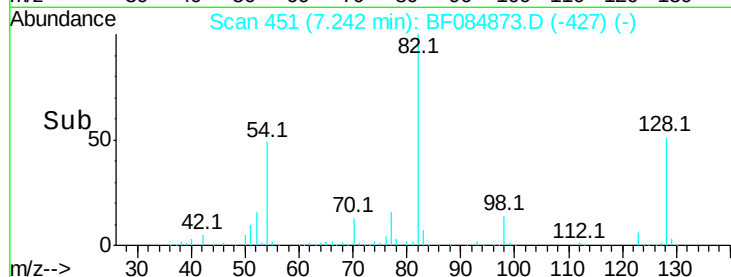
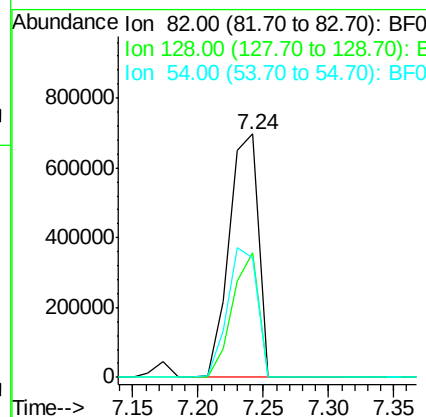
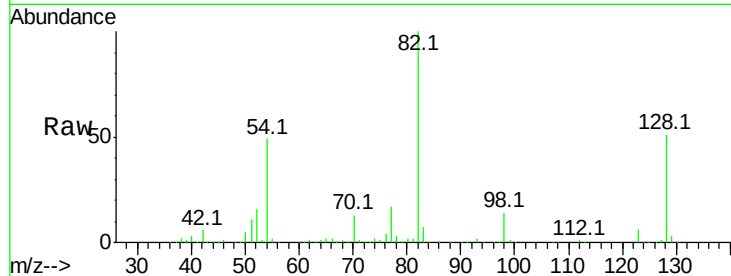
#23  
 Nitrobenzene-d5  
 Concen: 79.93 ng  
 RT: 7.24 min Scan# 451  
 Delta R.T. -0.02 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB88197BS

| Tot Ion   | 82   | Resp  | 1079327 |
|-----------|------|-------|---------|
| Ion Ratio | 100  | Lower | Upper   |
| 128       | 51.1 | 34.6  | 51.8    |
| 54        | 49.0 | 38.4  | 57.6    |

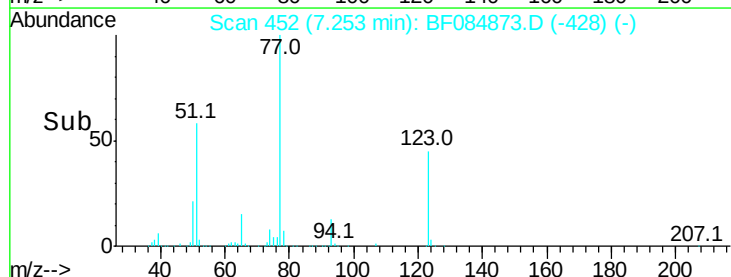
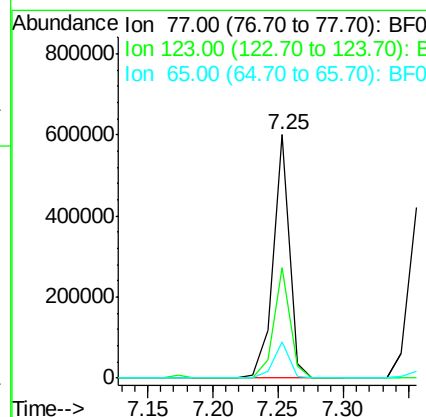
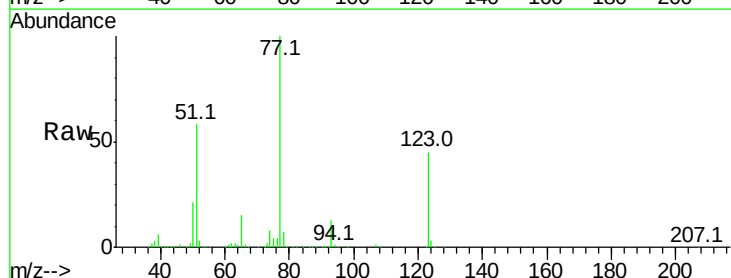
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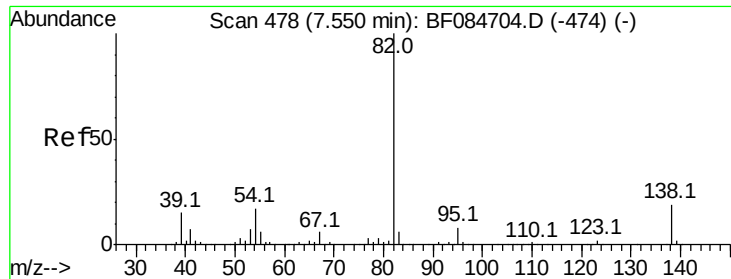


#24  
 Nitrobenzene  
 Concen: 36.20 ng  
 RT: 7.25 min Scan# 452  
 Delta R.T. -0.02 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

| Tgt Ion   | 77   | Resp  | 523457 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 123       | 45.3 | 37.4  | 56.2   |
| 65        | 14.8 | 10.9  | 16.3   |







#25

Isophorone

Concen: 36.64 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.03 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

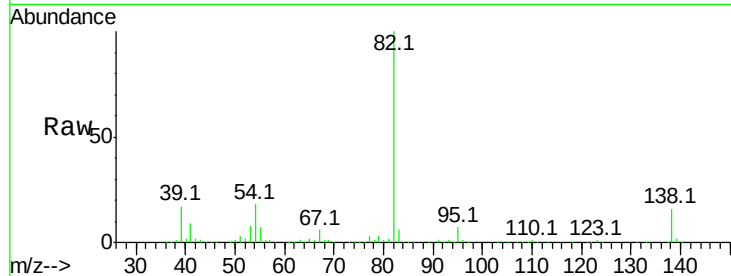
ClientSampled :

PB88197BS

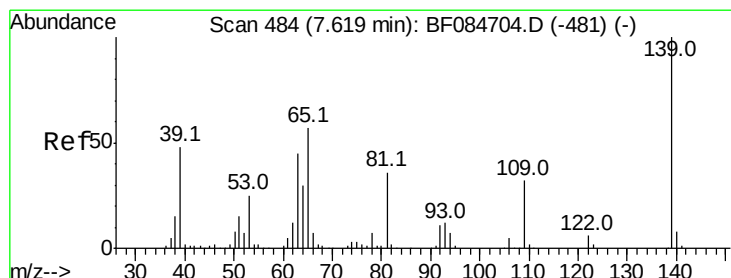
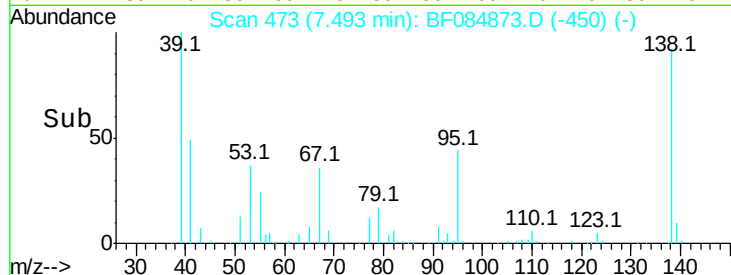
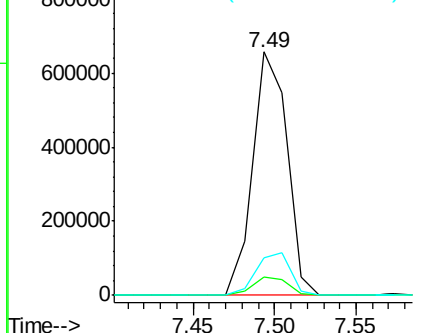
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 82   | Resp: | 961917 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.5  | 6.6   | 10.0   |
| 138       | 15.6 | 13.6  | 20.4   |

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Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.04 ng

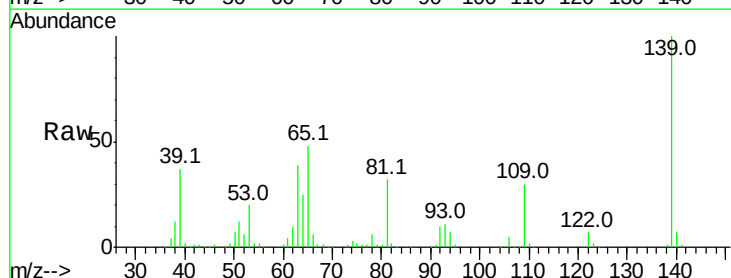
RT: 7.57 min Scan# 480

Delta R.T. -0.02 min

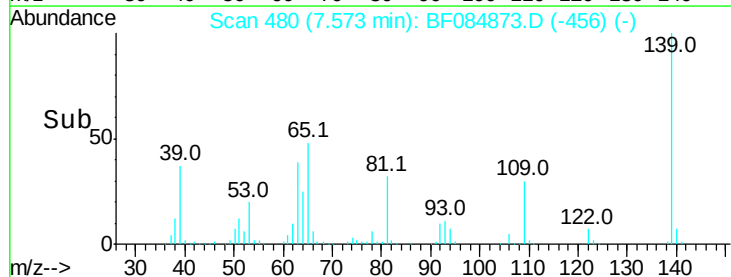
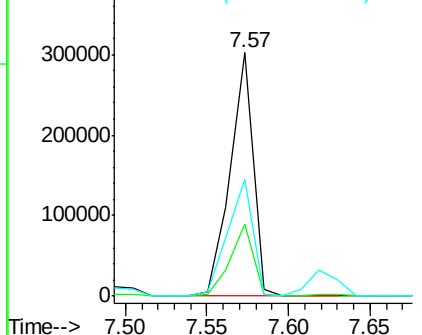
Lab File: BF084873.D

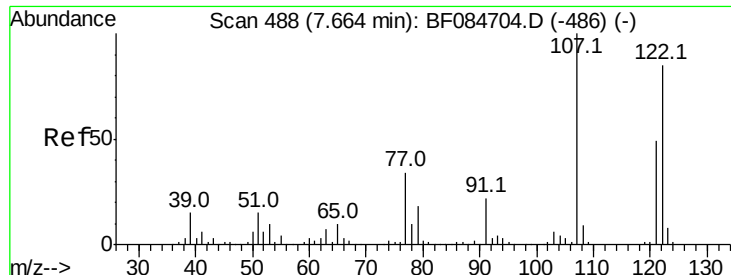
Acq: 5 Feb 2016 21:28

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 139  | Resp: | 292692 |
| Ion Ratio |      | Lower | Upper  |
| 139       | 100  |       |        |
| 109       | 29.8 | 25.4  | 38.2   |
| 65        | 47.9 | 32.3  | 48.5   |



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





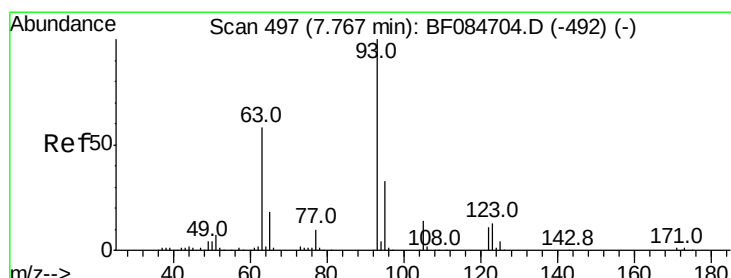
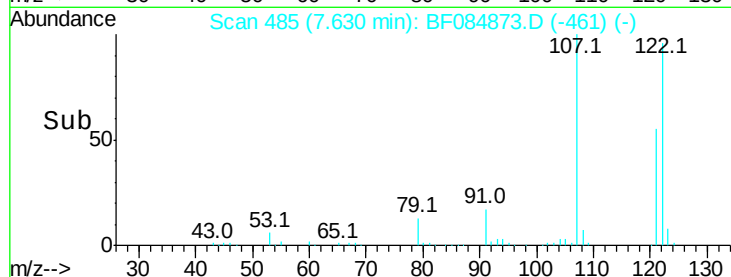
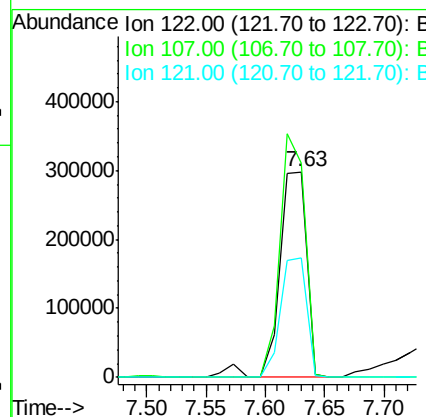
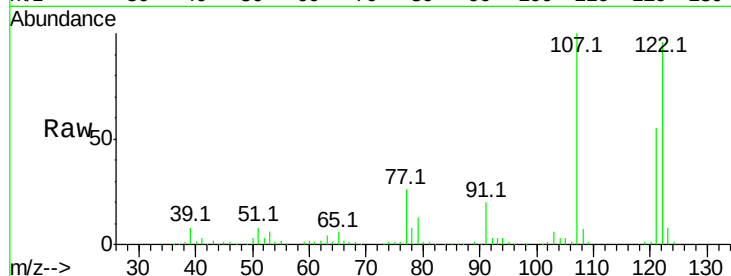
#27  
 2,4-Dimethylphenol  
 Concen: 38.18 ng  
 RT: 7.63 min Scan# 485  
 Delta R.T. -0.02 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88197BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 473549 |       |       |
| 107     | 104.4 | 99.1   | 148.7 |       |
| 121     | 57.8  | 47.9   | 71.9  |       |

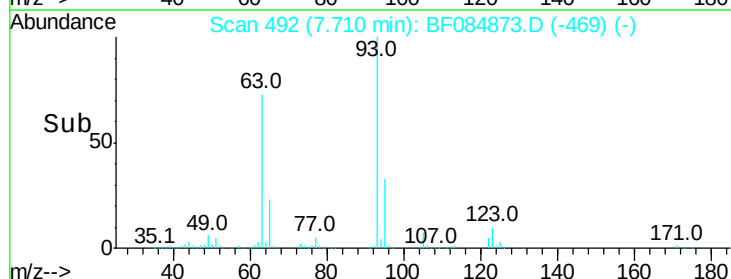
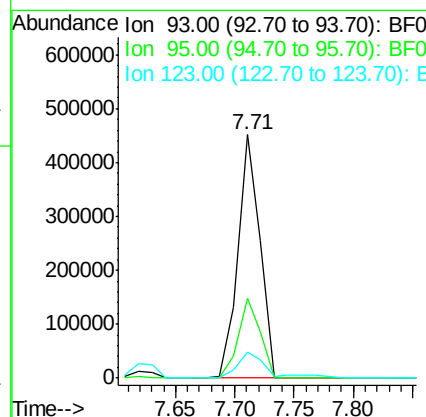
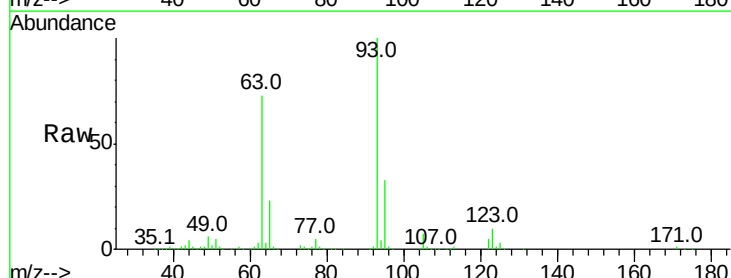
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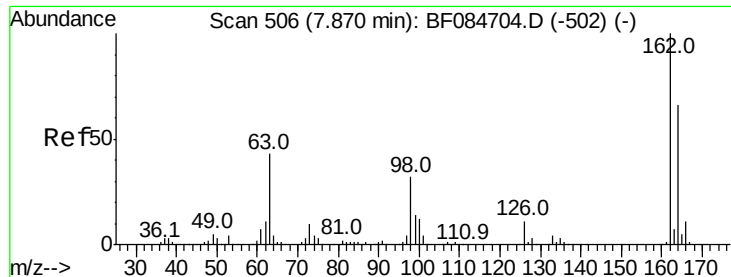
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 37.27 ng  
 RT: 7.71 min Scan# 492  
 Delta R.T. -0.03 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 580615 |       |       |
| 95      | 32.6  | 25.8   | 38.6  |       |
| 123     | 10.4  | 8.6    | 12.8  |       |





#29

2,4-Dichlorophenol

Concen: 39.51 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

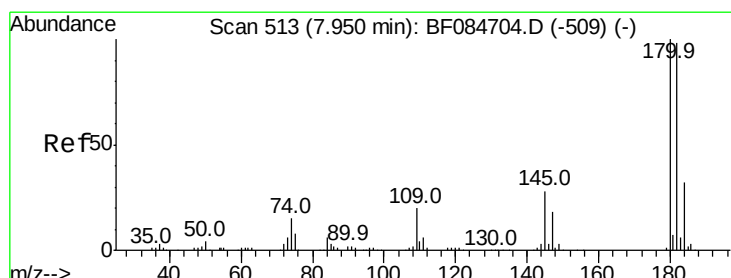
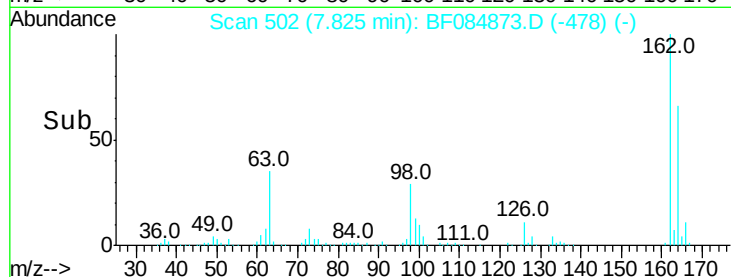
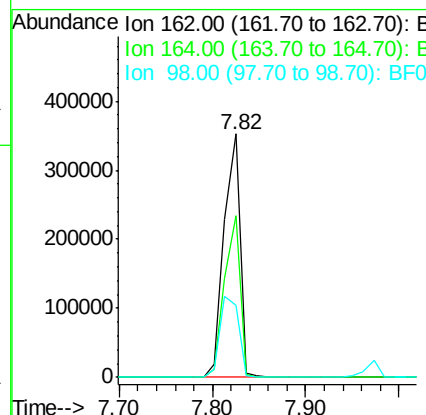
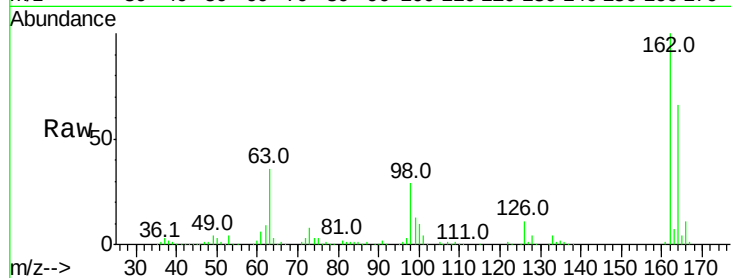
ClientSampleId :

PB88197BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 162   | Resp: | 419302 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 164       | 66.2  | 44.1  | 84.1   |
| 98        | 29.4  | 20.2  | 60.2   |

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#30

1,2,4-Trichlorobenzene

Concen: 36.96 ng

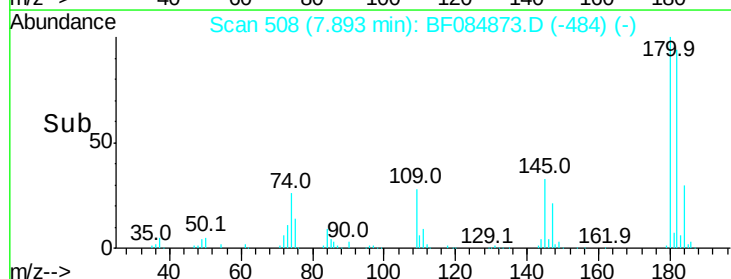
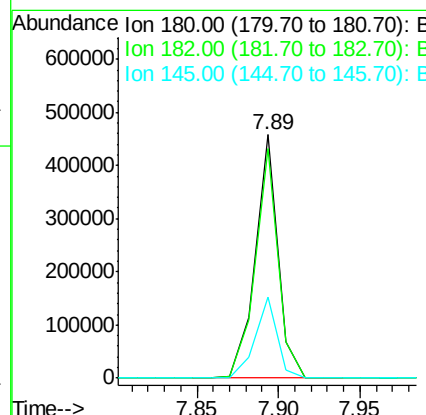
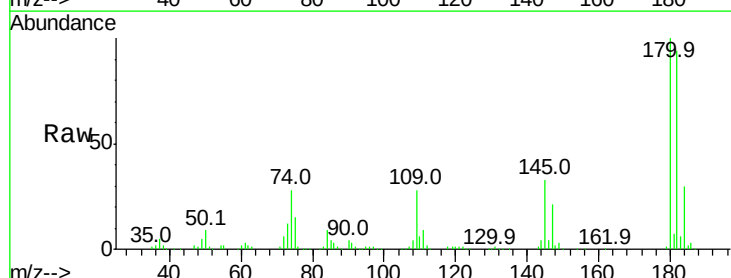
RT: 7.89 min Scan# 508

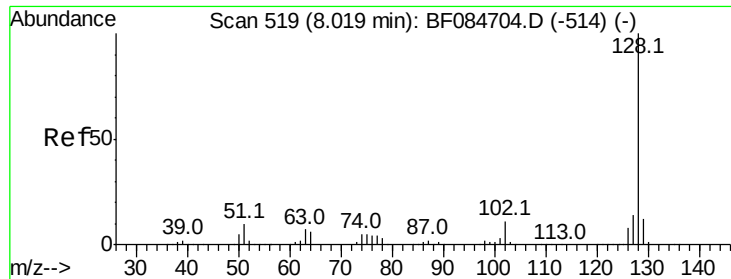
Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 443102 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 94.1  | 76.4  | 114.6  |
| 145       | 33.0  | 31.6  | 47.4   |





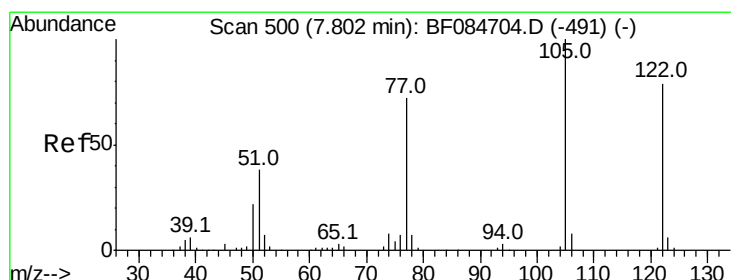
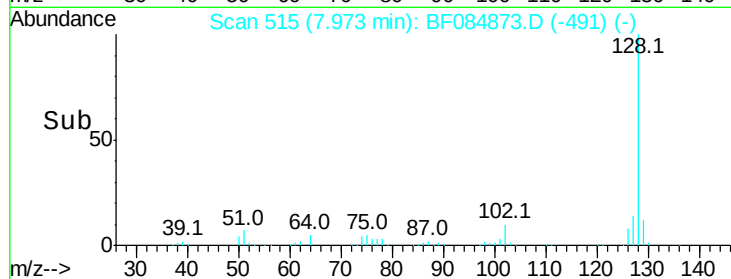
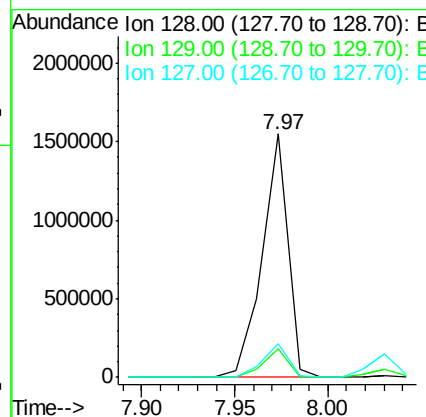
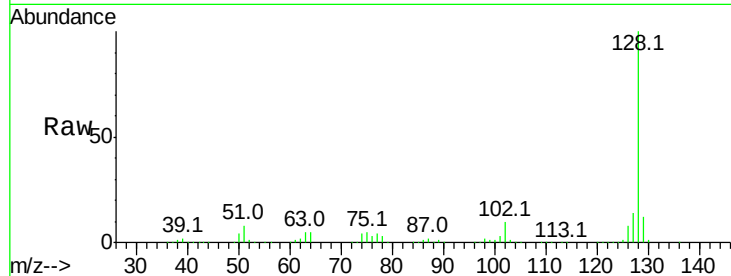
#31  
Naphthalene  
Concen: 38.65 ng  
RT: 7.97 min Scan# 515  
Delta R.T. -0.02 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB88197BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.9  | 9.1   | 13.7  |
| 127     | 13.8  | 11.1  | 16.7  |

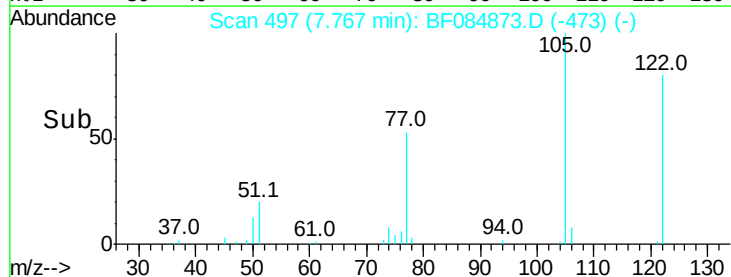
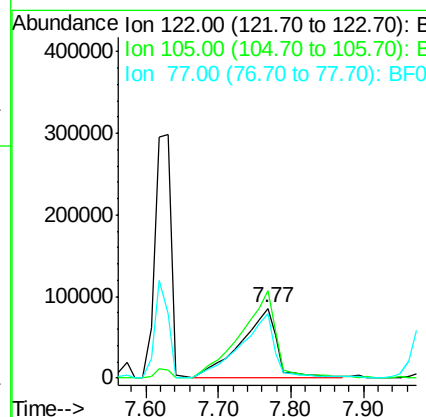
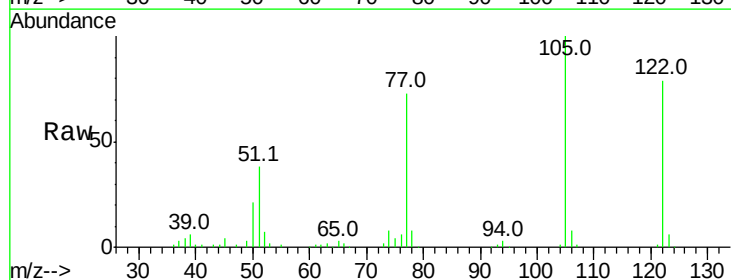
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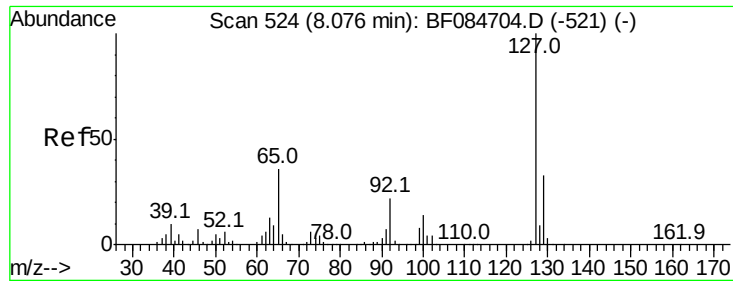
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#32  
Benzoic acid  
Concen: 36.93 ng  
RT: 7.77 min Scan# 497  
Delta R.T. -0.02 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 126.5 | 100.3 | 140.3 |
| 77      | 92.0  | 63.5  | 103.5 |





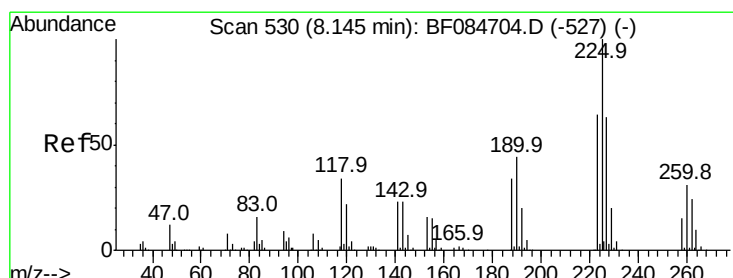
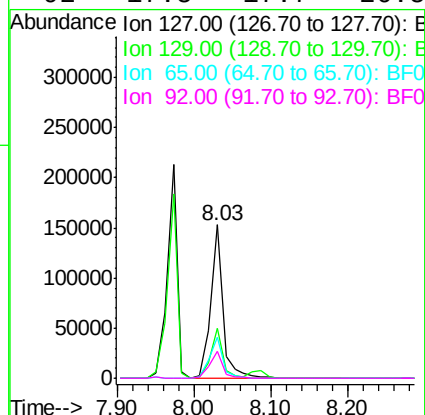
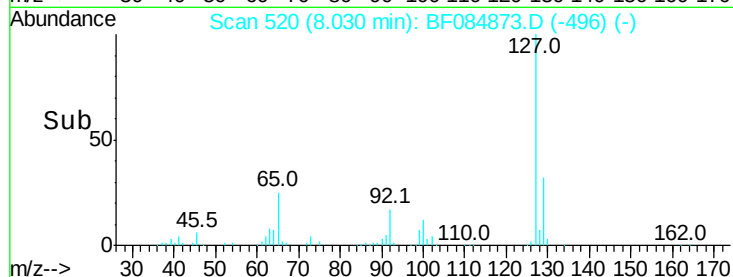
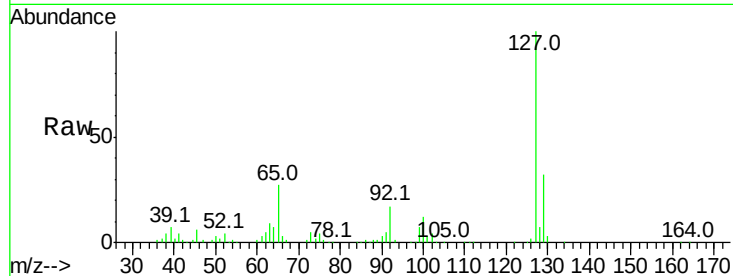
#33  
4-Chloroaniline  
Concen: 10.65 ng  
RT: 8.03 min Scan# 520  
Delta R.T. -0.02 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB88197BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 127     | 100   |            |       |
| 129     | 32.5  | 26.5       | 39.7  |
| 65      | 27.1  | 27.2       | 40.8# |
| 92      | 17.5  | 17.7       | 26.5# |

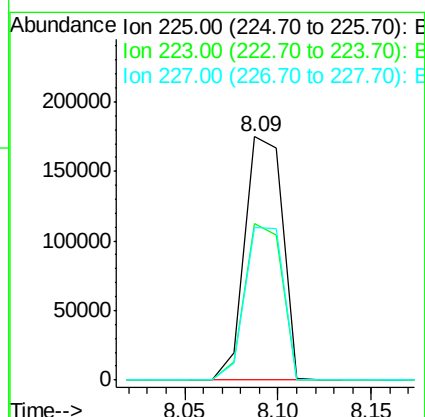
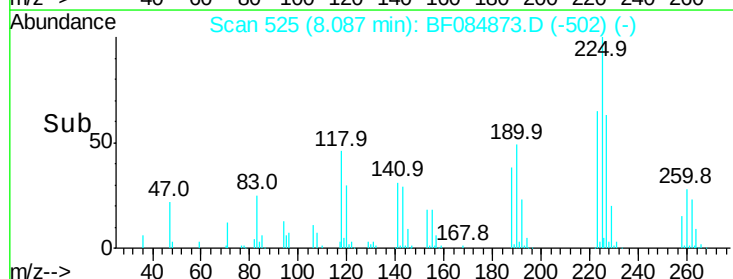
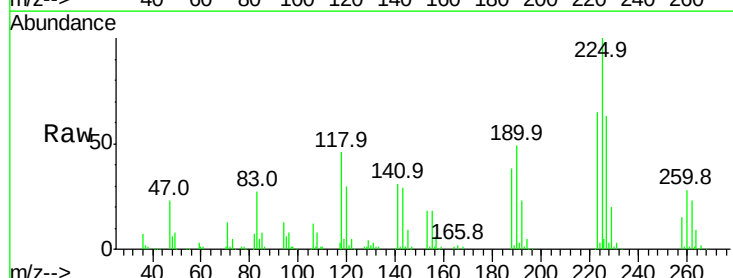
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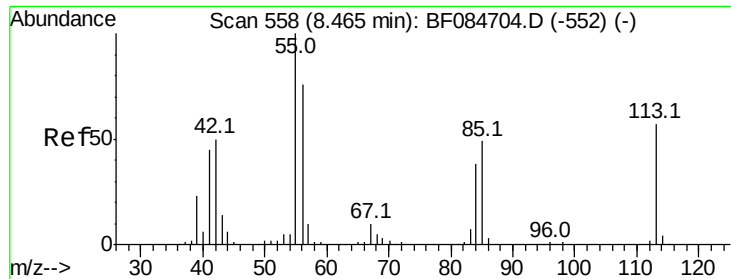
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#34  
Hexachlorobutadiene  
Concen: 35.93 ng  
RT: 8.09 min Scan# 525  
Delta R.T. -0.03 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 225     | 100   |            |       |
| 223     | 64.6  | 49.4       | 74.0  |
| 227     | 62.6  | 50.8       | 76.2  |





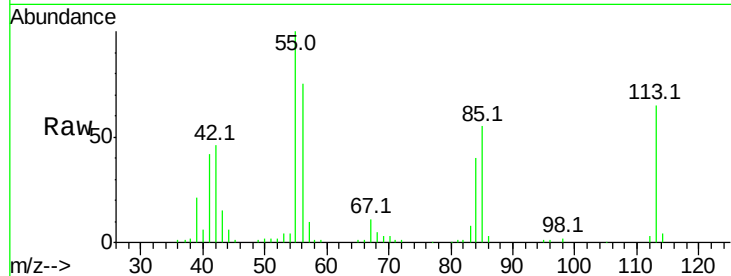
#35  
 Caprolactam  
 Concen: 41.91 ng/ml  
 RT: 8.42 min Scan# 554  
 Delta R.T. -0.02 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88197BS

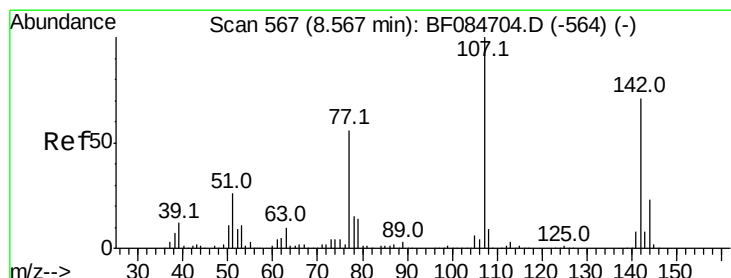
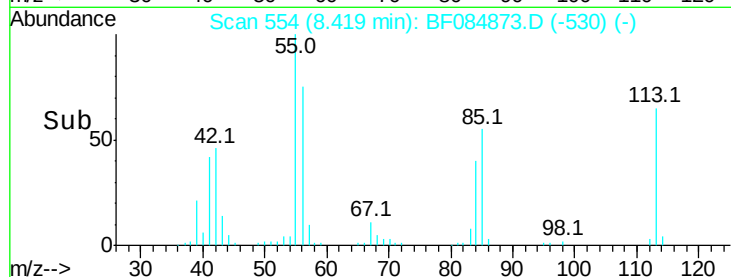
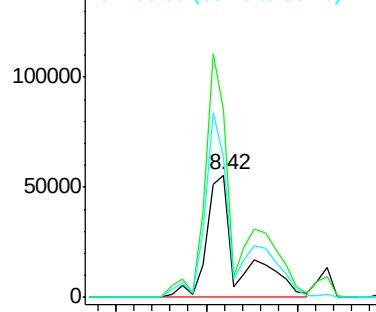
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   |       |       |       |
| 55      | 153.3 | 116.9 | 156.9 |       |
| 56      | 115.0 | 93.8  | 133.8 |       |

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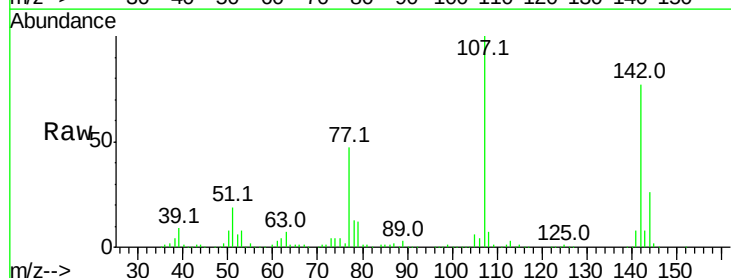


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

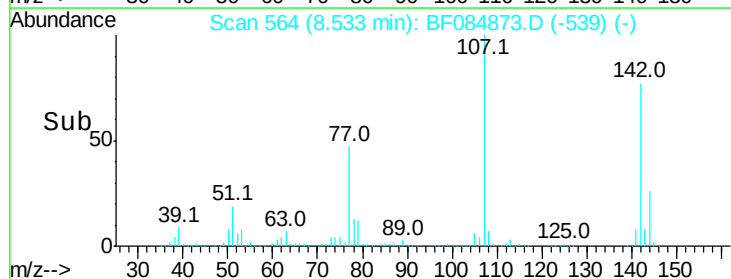
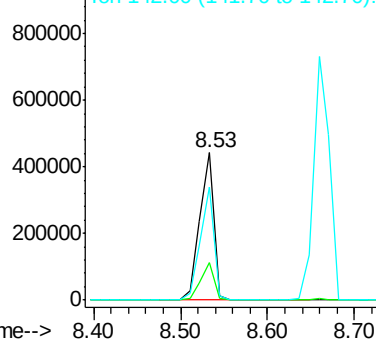


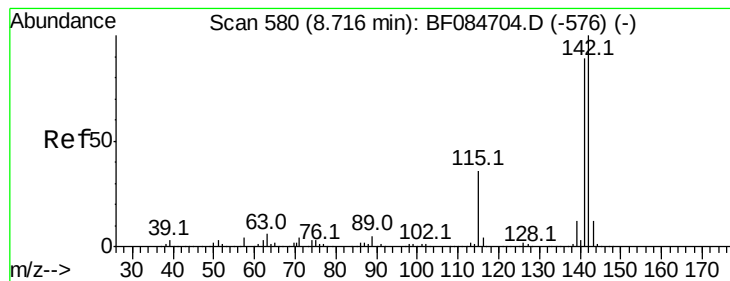
#36  
 4-Chloro-3-methylphenol  
 Concen: 41.19 ng/ml  
 RT: 8.53 min Scan# 564  
 Delta R.T. -0.01 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 144     | 25.6  | 19.7 | 29.5  |       |
| 142     | 76.8  | 61.8 | 92.6  |       |



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.31 ng

RT: 8.66 min Scan# 575

Delta R.T. -0.03 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

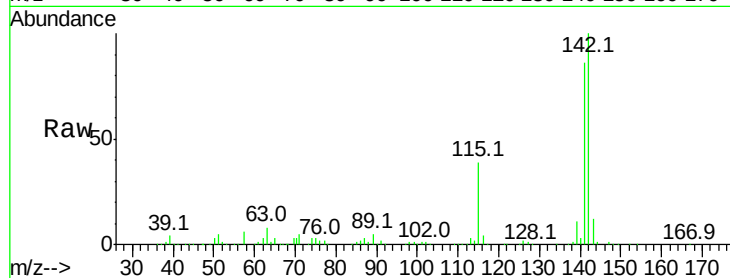
ClientSampleId :

PB88197BS

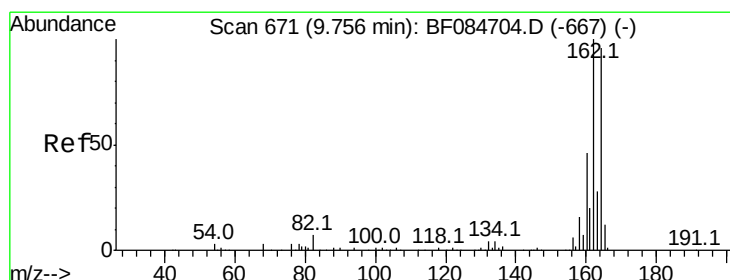
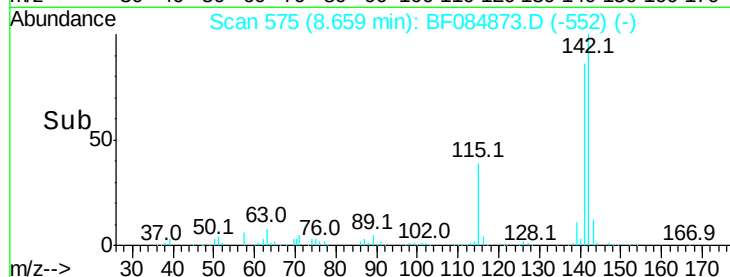
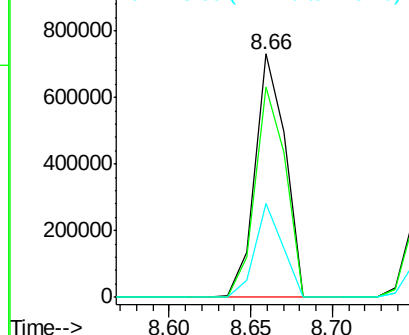
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 938603 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 86.5  | 72.4  | 108.6  |
| 115       | 38.7  | 27.9  | 41.9   |

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Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

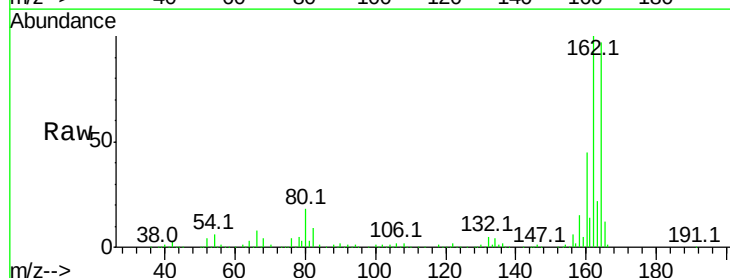
RT: 9.70 min Scan# 666

Delta R.T. -0.03 min

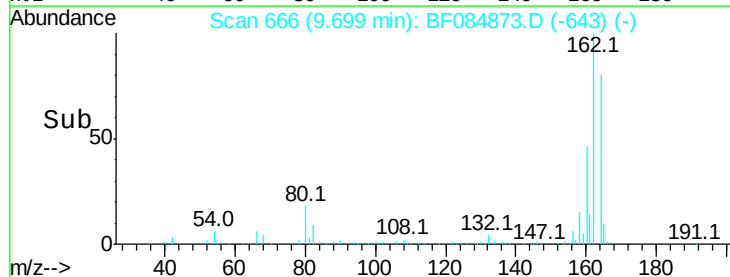
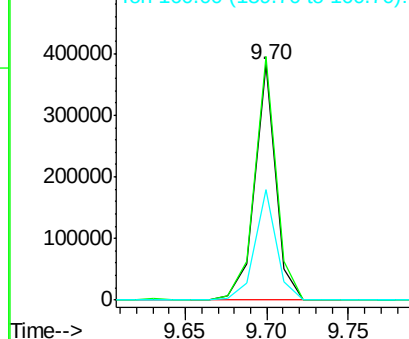
Lab File: BF084873.D

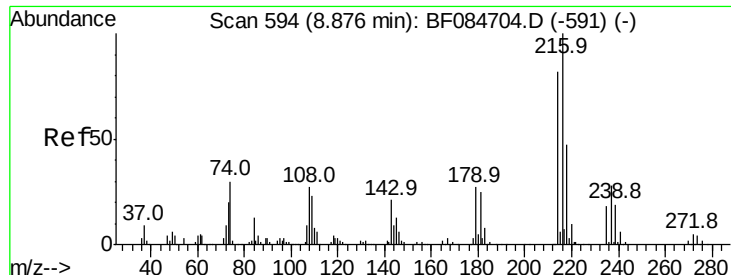
Acq: 5 Feb 2016 21:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 164   | Resp: | 342619 |
| Ion Ratio | Lower | Upper |        |
| 164       | 100   |       |        |
| 162       | 103.4 | 85.1  | 127.7  |
| 160       | 46.8  | 37.5  | 56.3   |



Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.79 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

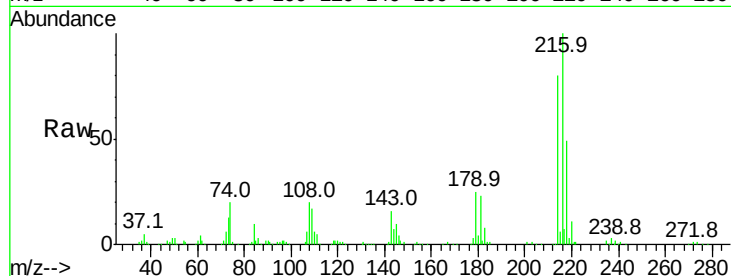
ClientSampleId :

PB88197BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 400319 |       |       |
| 214     | 79.5 |       | 64.2   | 96.2  |       |
| 179     | 24.3 |       | 18.7   | 28.1  |       |
| 108     | 24.2 |       | 16.8   | 25.2  |       |

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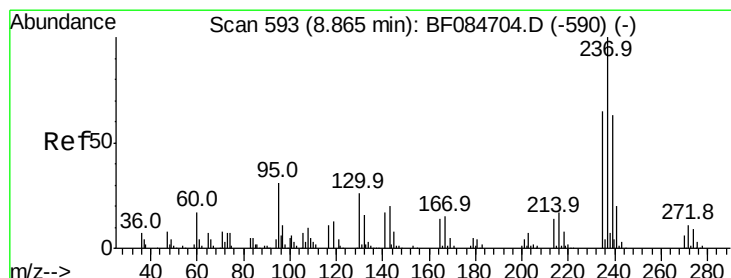
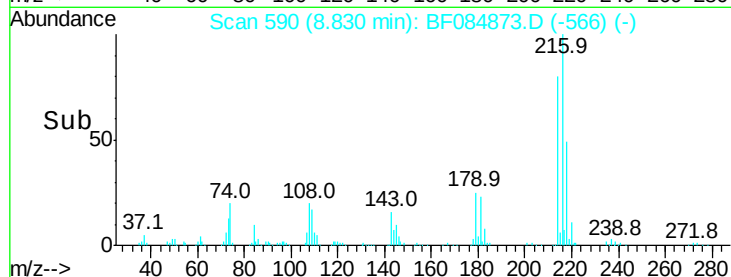
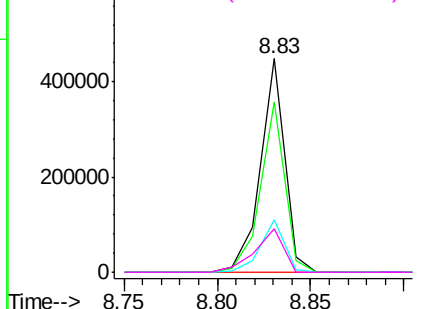


Abundance Ion 216.00 (215.70 to 216.70): E

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: 80.17 ng

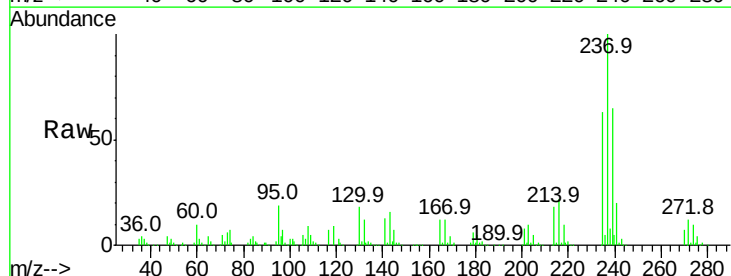
RT: 8.82 min Scan# 589

Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

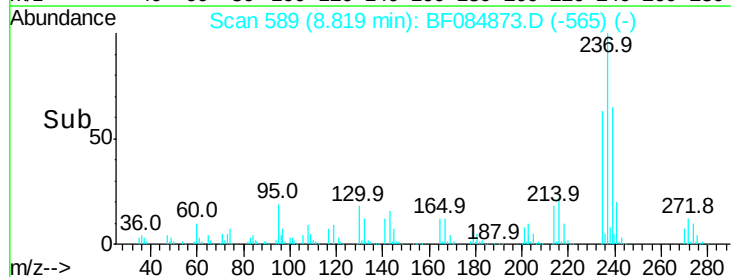
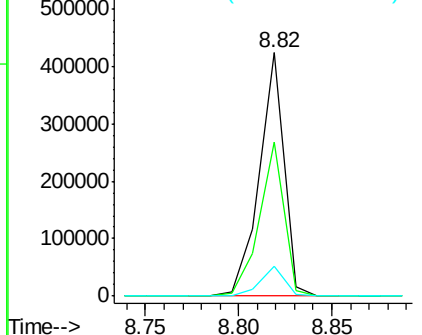
| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 385452 |       |       |
| 235     | 63.1 |       | 43.1   | 83.1  |       |
| 272     | 12.4 |       | 0.0    | 35.1  |       |



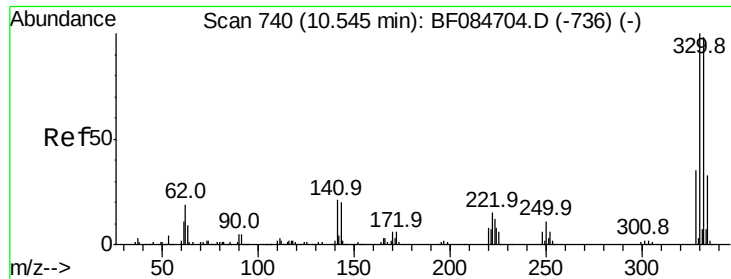
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







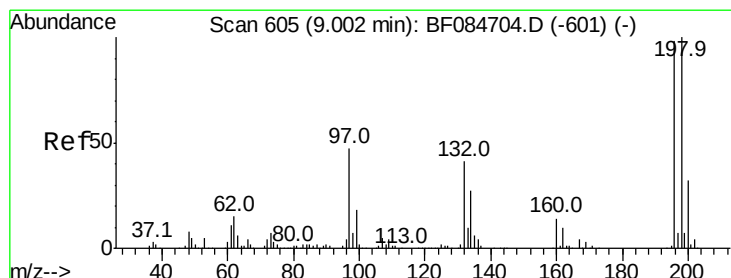
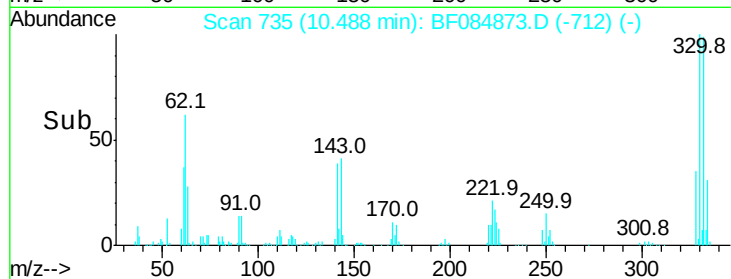
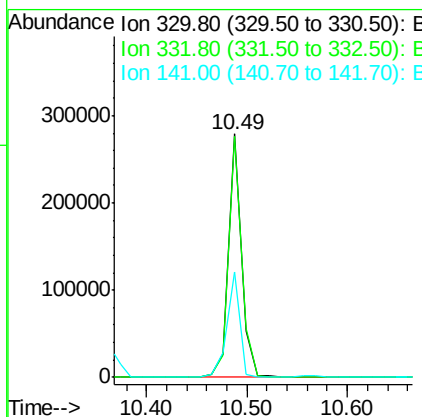
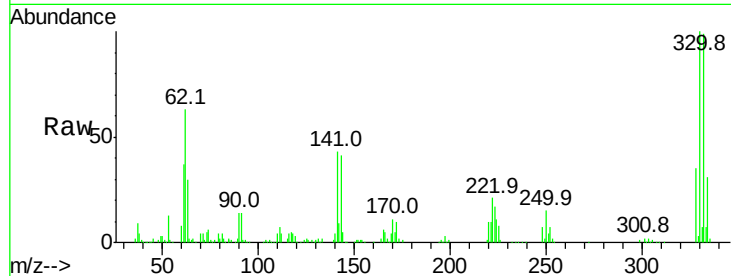
#41  
 2,4,6-Tribromophenol  
 Concen: 70.85 ng  
 RT: 10.49 min Scan# 735  
 Delta R.T. -0.03 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88197BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 253222 |       |       |
| 332     | 99.7  | 76.6   | 114.8 |       |
| 141     | 42.1  | 27.8   | 41.6# |       |

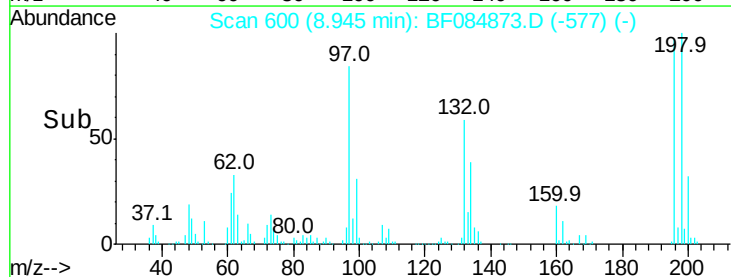
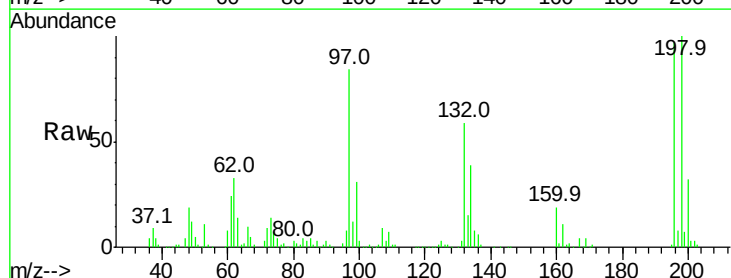
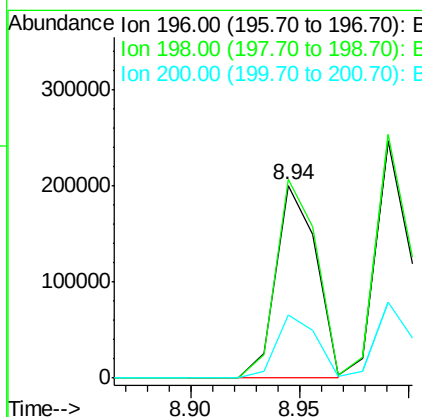
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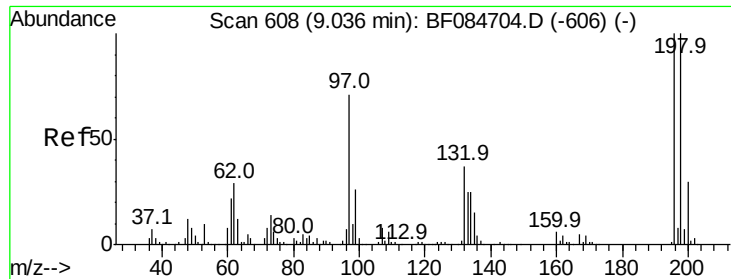
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#42  
 2,4,6-Trichlorophenol  
 Concen: 37.23 ng  
 RT: 8.94 min Scan# 600  
 Delta R.T. -0.03 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 260988 |       |       |
| 198     | 103.3 | 77.7   | 116.5 |       |
| 200     | 32.9  | 24.6   | 37.0  |       |





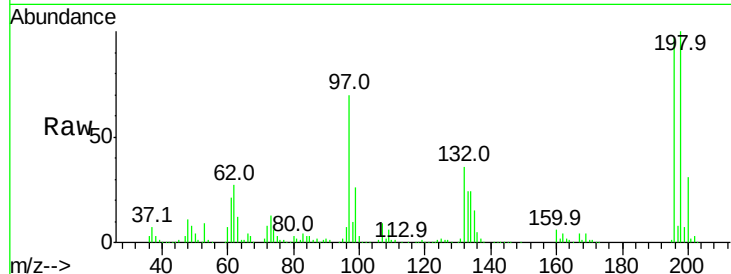
#43  
 2,4,5-Trichlorophenol  
 Concen: 38.14 ng  
 RT: 8.99 min Scan# 604  
 Delta R.T. -0.02 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88197BS

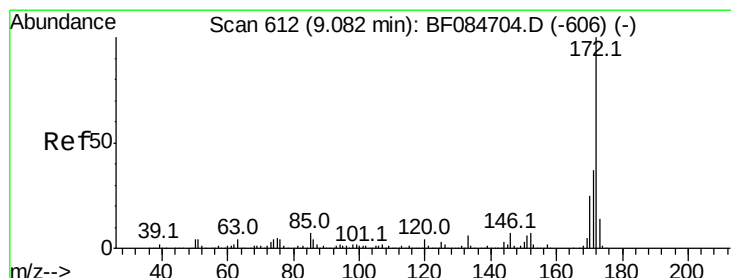
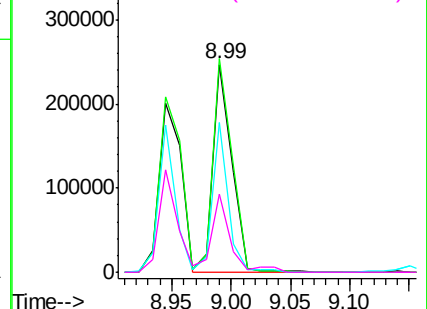
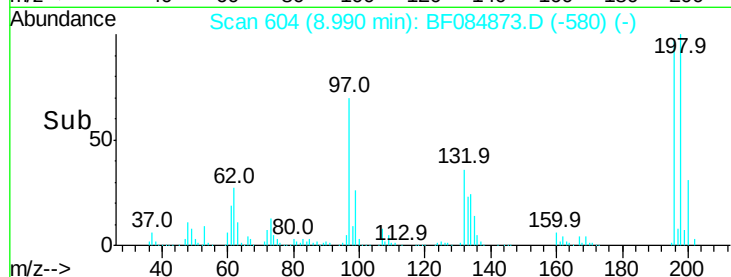
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 271675 |       |       |
| 198     | 102.7 | 79.0   | 118.6 |       |
| 97      | 72.1  | 33.0   | 49.6  |       |
| 132     | 37.5  | 21.1   | 31.7  |       |

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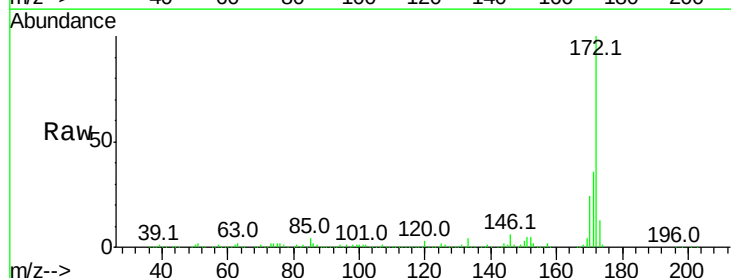


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

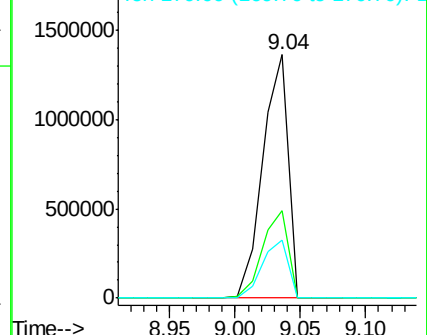
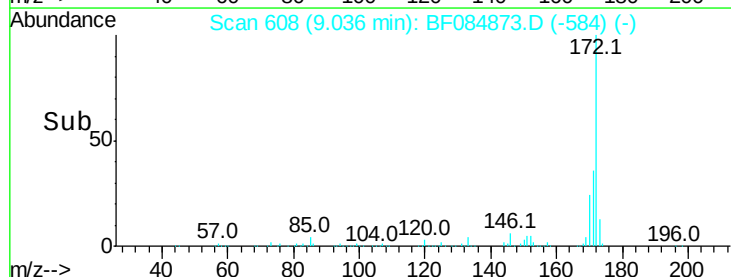


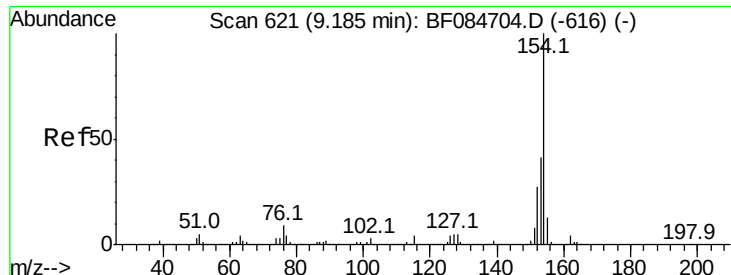
#44  
 2-Fluorobiphenyl  
 Concen: 94.41 ng  
 RT: 9.04 min Scan# 608  
 Delta R.T. -0.02 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 172     | 100   | 1849463 |       |       |
| 171     | 35.7  | 28.9    | 43.3  |       |
| 170     | 24.1  | 18.6    | 27.8  |       |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.75 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.03 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

ClientSampleId :

PB88197BS

Tot Ion:154 Resp: 1093980

Ion Ratio Lower Upper

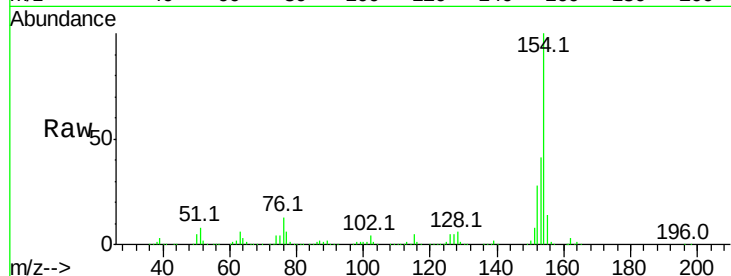
154 100

153 41.1 21.6 61.6

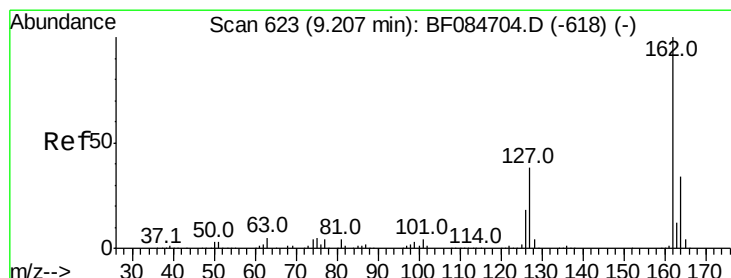
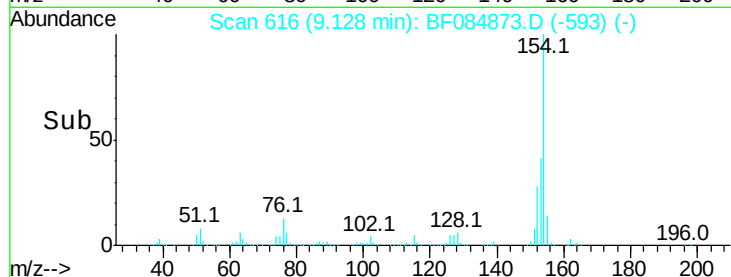
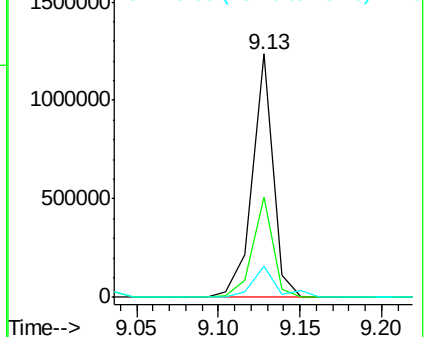
76 12.9 0.0 32.7

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



#46

2-Chloronaphthalene

Concen: 38.50 ng

RT: 9.15 min Scan# 618

Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

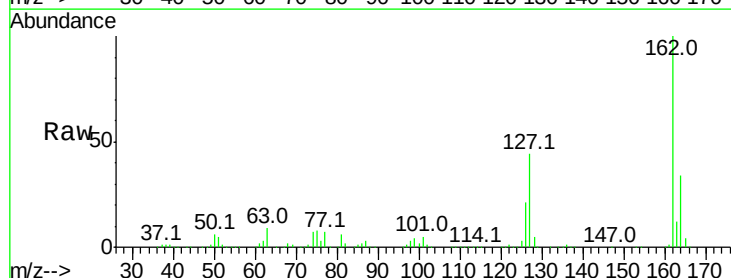
Tgt Ion:162 Resp: 867657

Ion Ratio Lower Upper

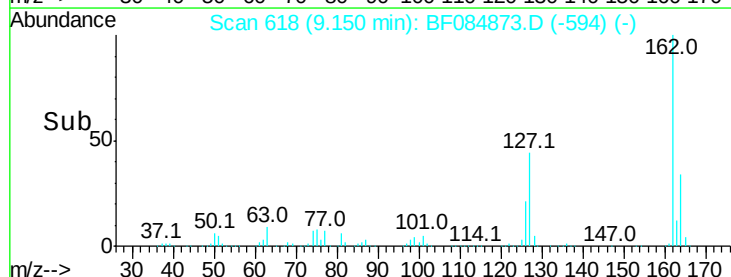
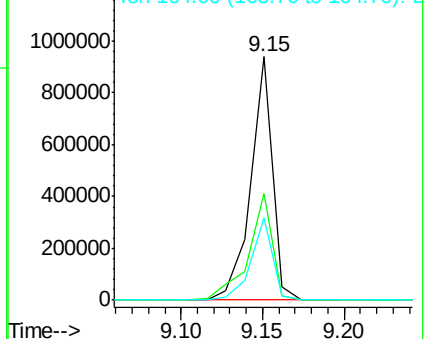
162 100

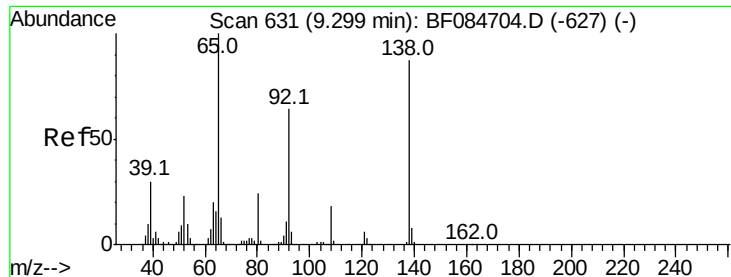
127 43.9 40.2 60.4

164 33.8 25.7 38.5



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





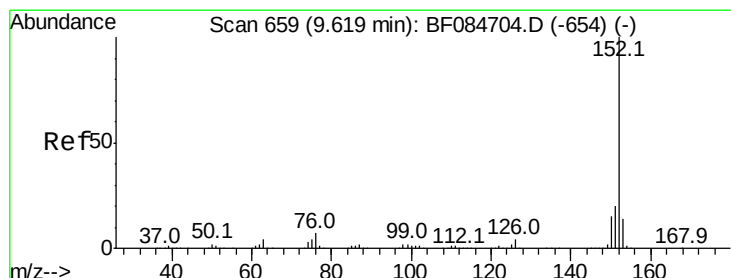
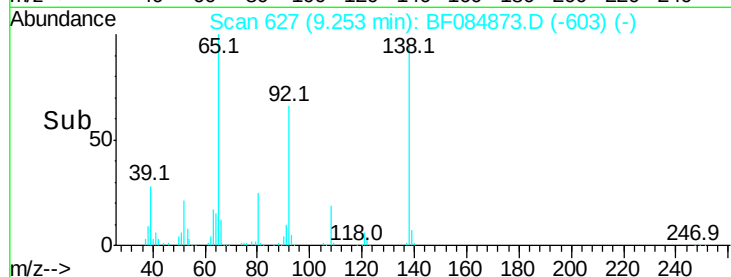
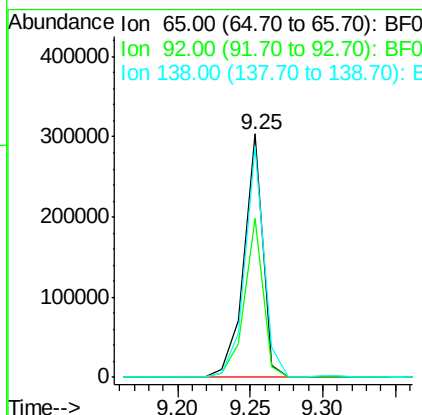
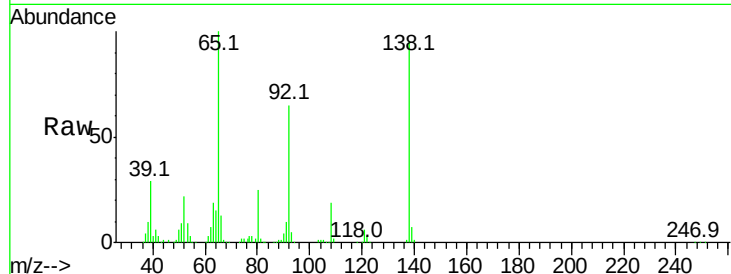
#47  
 2-Nitroaniline  
 Concen: 38.36 ng  
 RT: 9.25 min Scan# 627  
 Delta R.T. -0.02 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88197BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 65.3  | 53.4  | 80.2  |
| 138     | 94.6  | 71.1  | 106.7 |

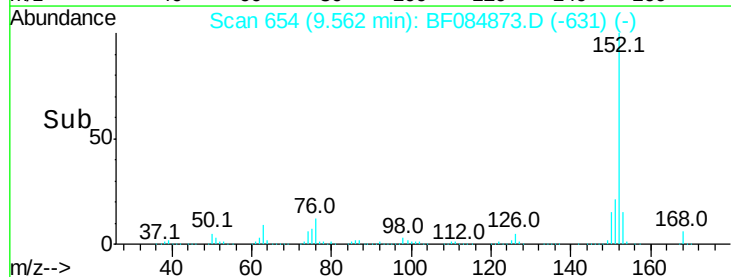
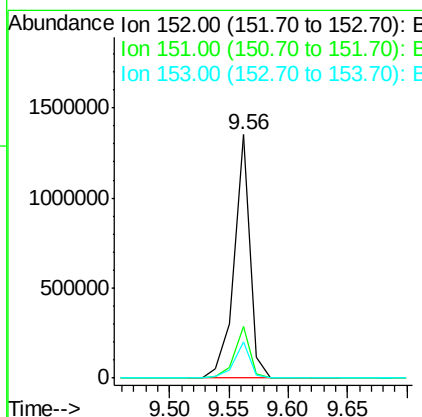
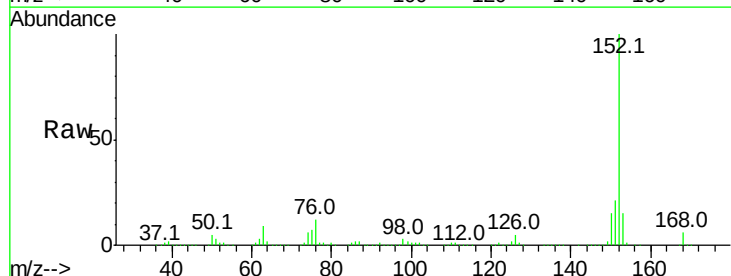
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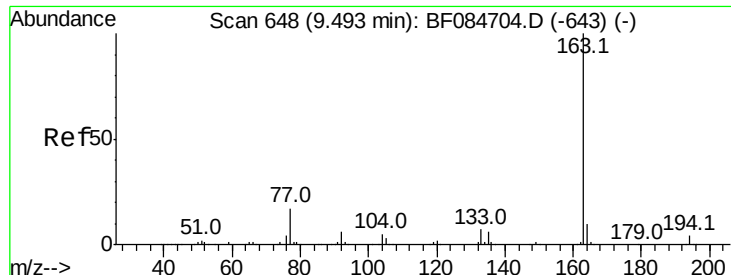
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#48  
 Acenaphthylene  
 Concen: 36.51 ng  
 RT: 9.56 min Scan# 654  
 Delta R.T. -0.03 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.2  | 16.3  | 24.5  |
| 153     | 14.8  | 10.4  | 15.6  |





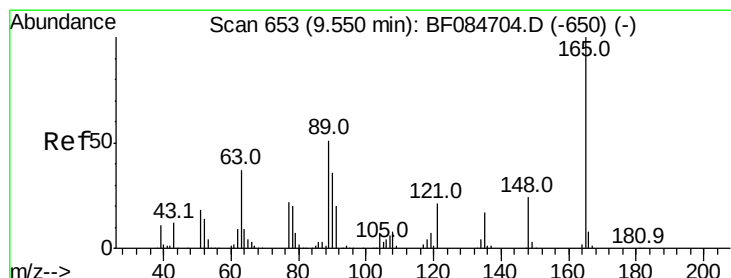
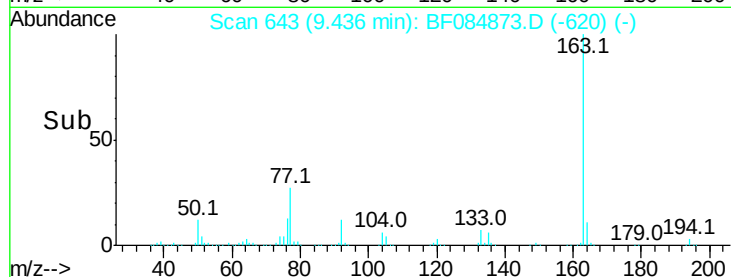
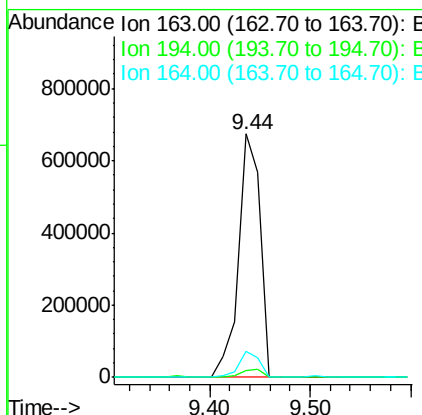
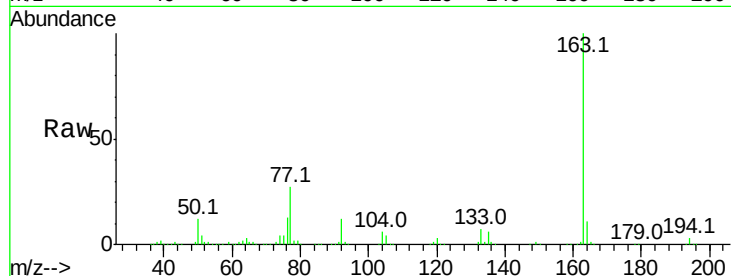
#49  
Dimethylphthalate  
Concen: 38.21 ng  
RT: 9.44 min Scan# 643  
Delta R.T. -0.03 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB88197BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 997145 |       |       |
| 194     | 2.9   | 8.0    | 12.0# |       |
| 164     | 10.7  | 8.0    | 12.0  |       |

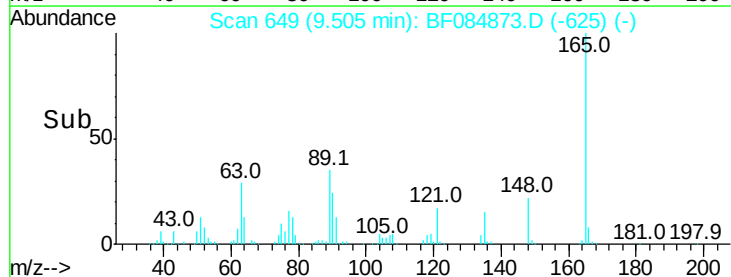
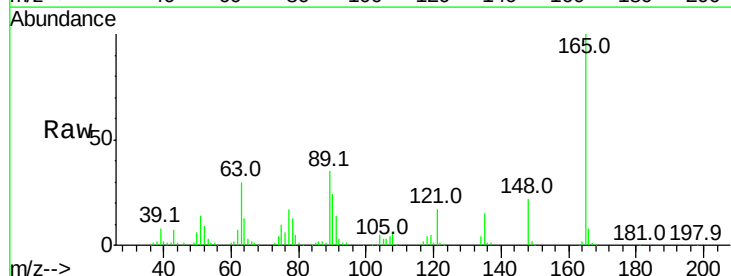
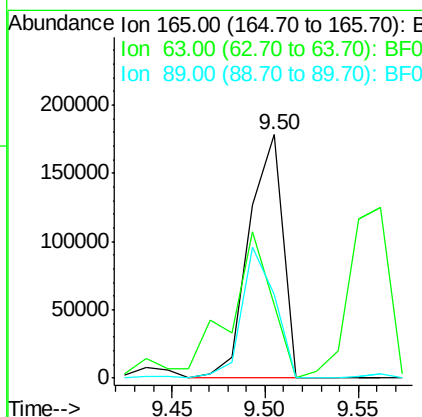
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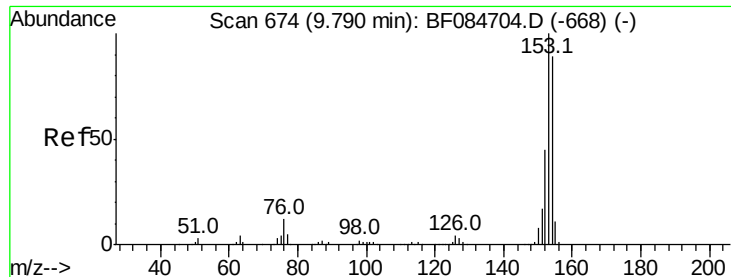
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#50  
2,6-Dinitrotoluene  
Concen: 39.07 ng  
RT: 9.50 min Scan# 649  
Delta R.T. -0.02 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 222732 |       |       |
| 63      | 30.1  | 28.8   | 43.2  |       |
| 89      | 34.6  | 35.1   | 52.7# |       |





#51

Acenaphthene

Concen: 37.02 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.03 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

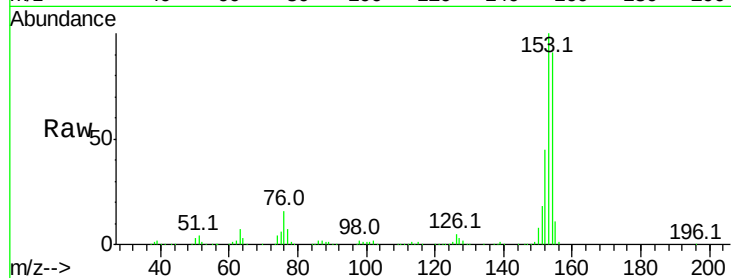
ClientSampled :

PB88197BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 823643 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 110.4 | 91.5  | 137.3  |
| 152       | 50.1  | 43.0  | 64.6   |

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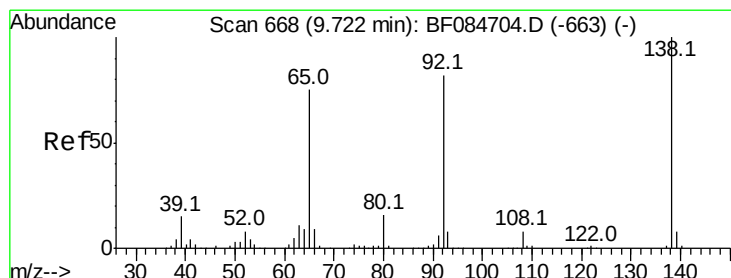
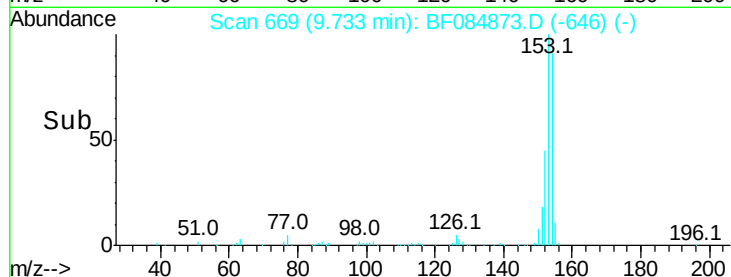
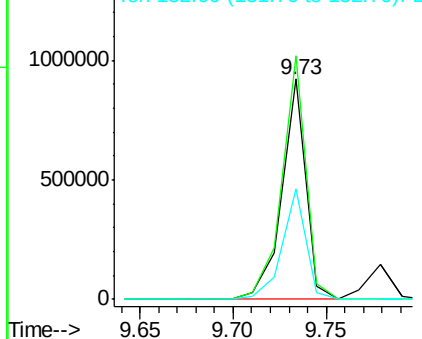
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.49 ng

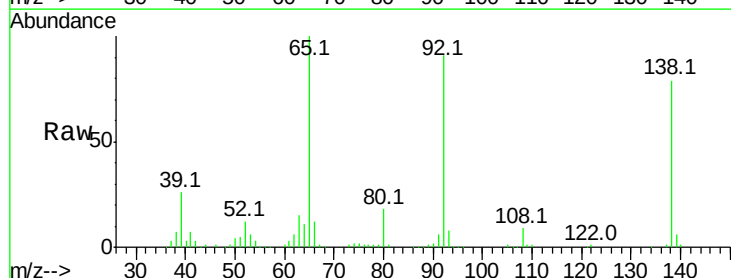
RT: 9.66 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

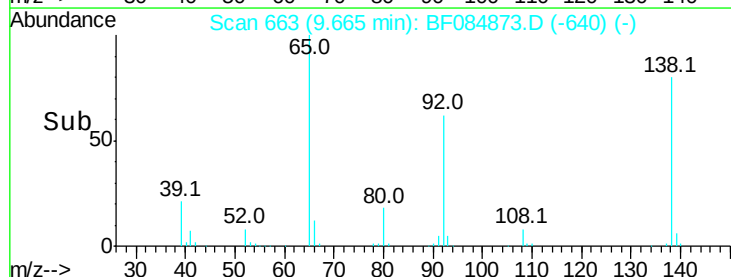
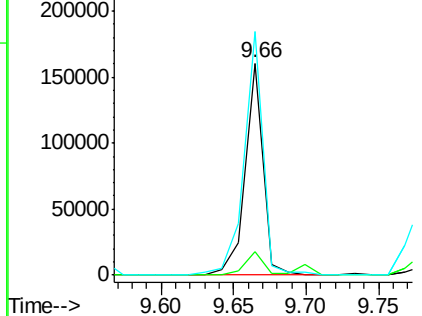
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 137671 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 108       | 10.9  | 10.5  | 15.7   |
| 92        | 115.0 | 103.9 | 155.9  |

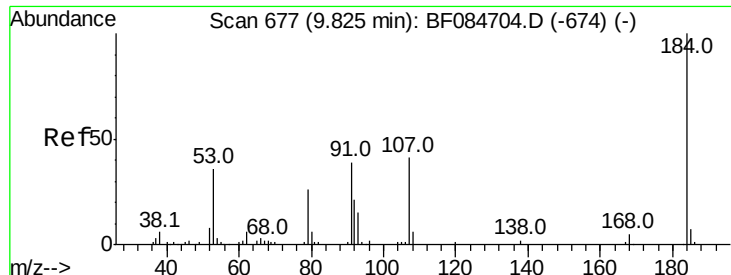


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





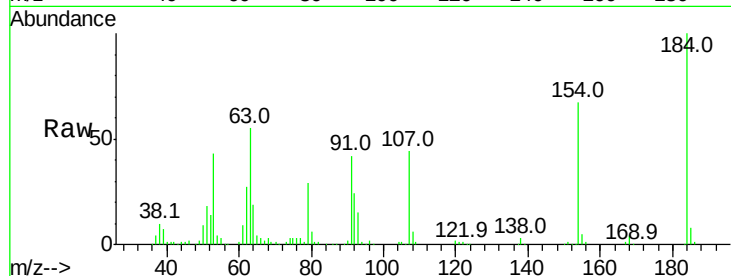
#53  
 2,4-Dinitrophenol  
 Concen: 79.70 ng  
 RT: 9.78 min Scan# 673  
 Delta R.T. -0.02 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88197BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 209648 |       |       |
| 63      | 55.2  | 43.1   | 64.7  |       |
| 154     | 67.0  | 60.5   | 90.7  |       |

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UMANGI  
 2/8/2016 3:03:00 PM

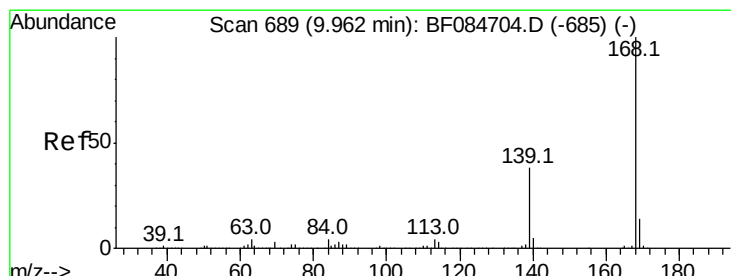
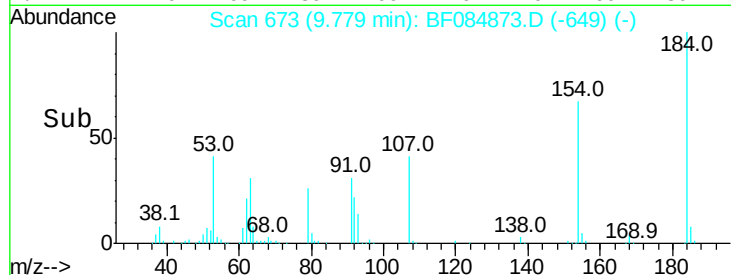
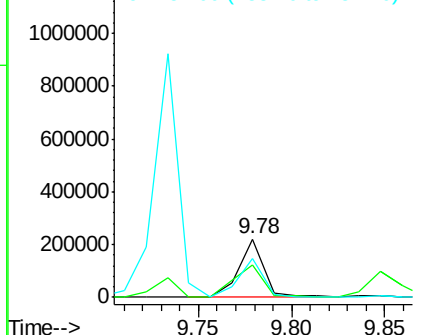


Abundance

Ion 184.00 (183.70 to 184.70): E

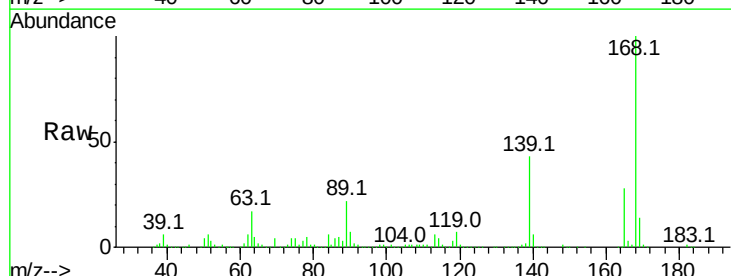
Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54  
 Dibenzofuran  
 Concen: 38.91 ng  
 RT: 9.90 min Scan# 684  
 Delta R.T. -0.03 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 168     | 100   | 1058050 |       |       |
| 139     | 42.8  | 30.5    | 45.7  |       |
| 169     | 13.9  | 10.4    | 15.6  |       |

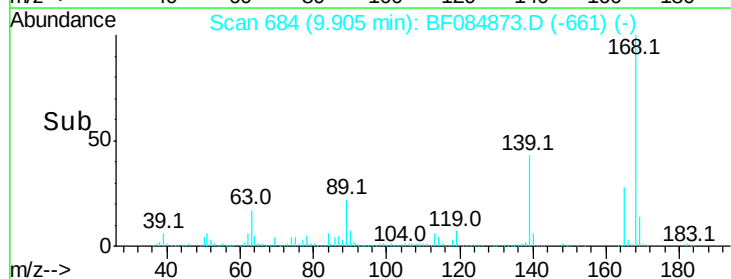
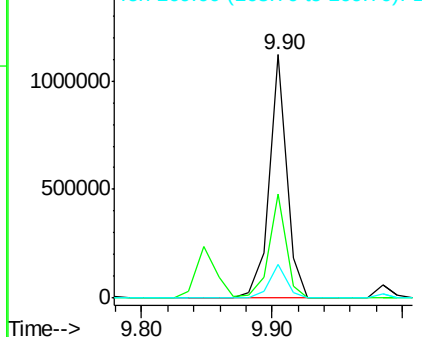


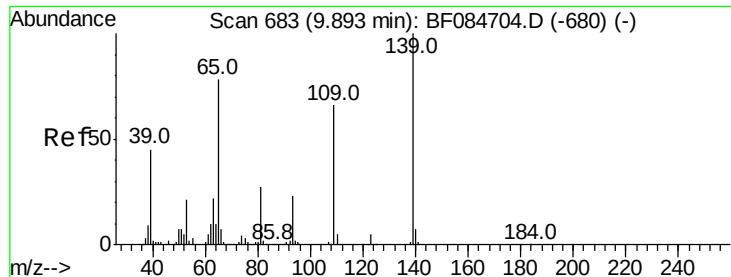
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 54.97 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

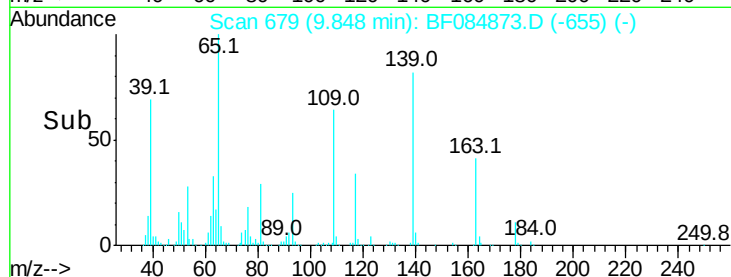
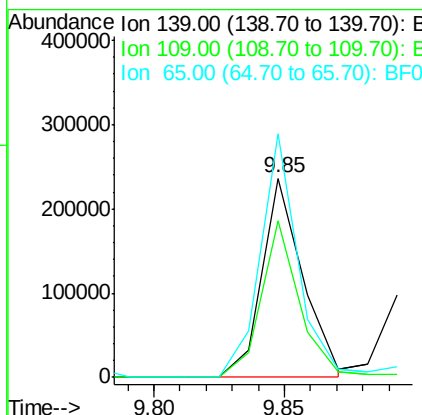
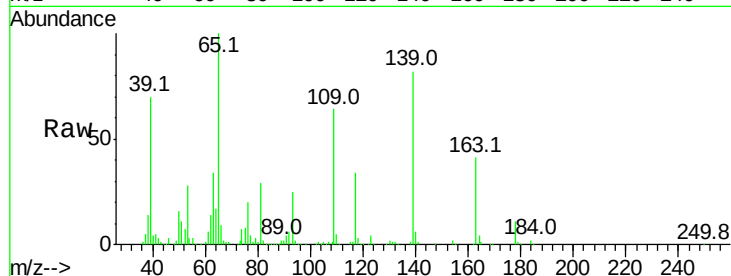
ClientSampleId :

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| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 78.5  | 58.5 | 98.5  |       |
| 65      | 122.1 | 57.6 | 97.6  |       |



#56

2,4-Dinitrotoluene

Concen: 41.73 ng

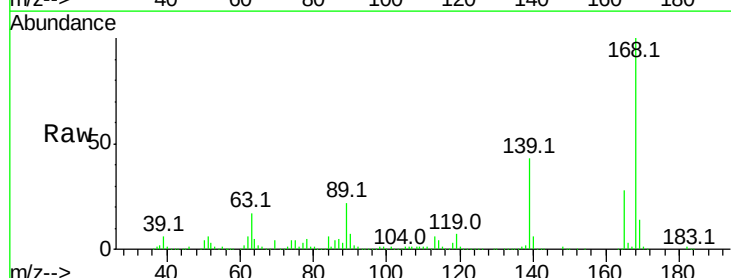
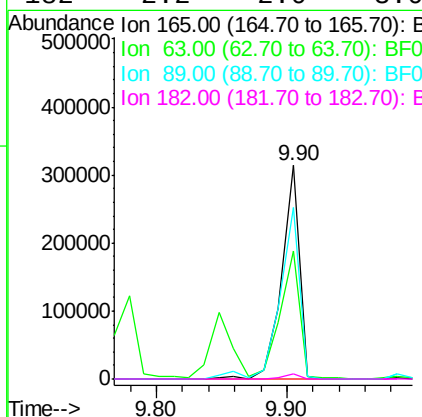
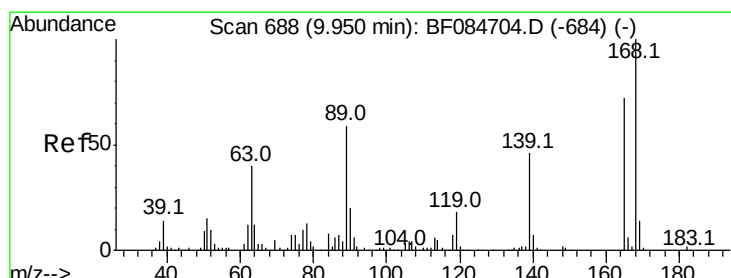
RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

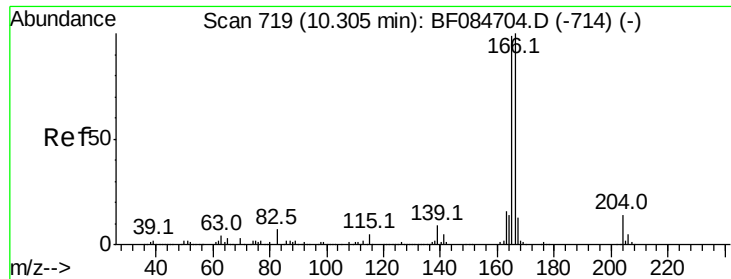
Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 60.2  | 36.7 | 55.1  |       |
| 89      | 80.1  | 61.9 | 92.9  |       |
| 182     | 2.2   | 2.0  | 3.0   |       |







#57

Fluorene

Concen: 38.45 ng

RT: 10.25 min Scan# 714

Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

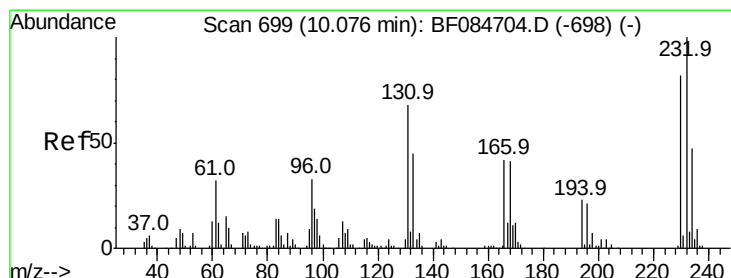
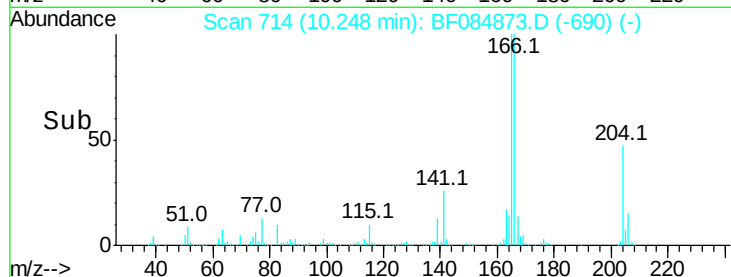
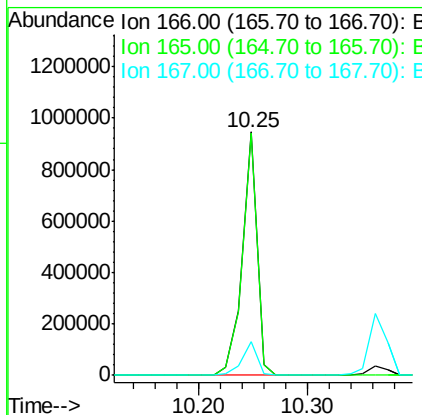
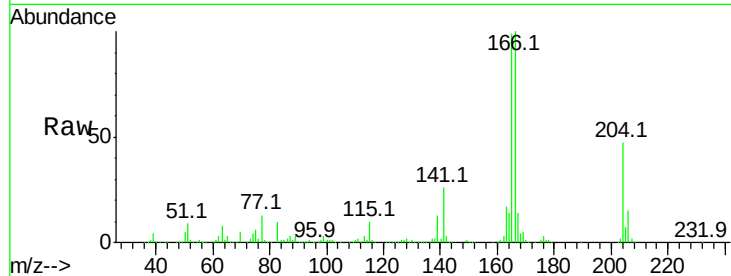
ClientSampleId :

PB88197BS

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| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 99.4  | 79.1 | 118.7 |       |
| 167     | 13.7  | 10.4 | 15.6  |       |



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.44 ng

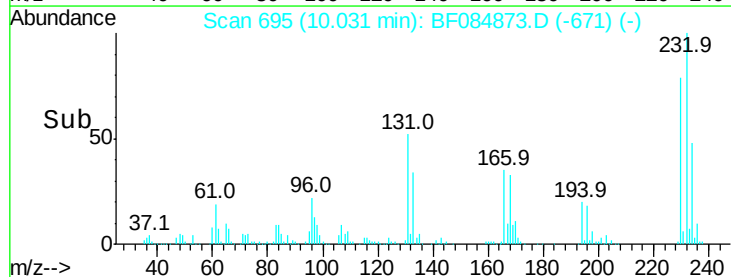
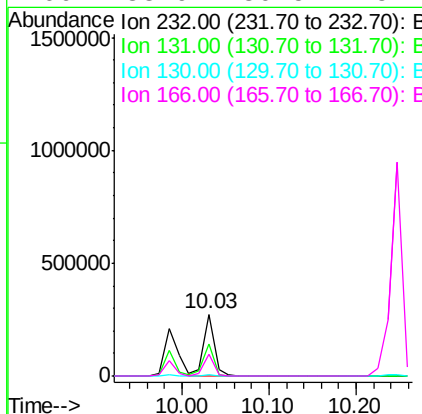
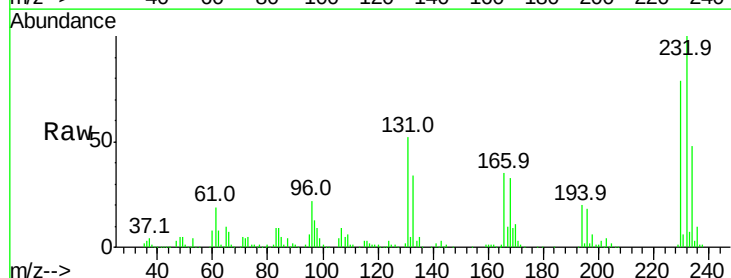
RT: 10.03 min Scan# 695

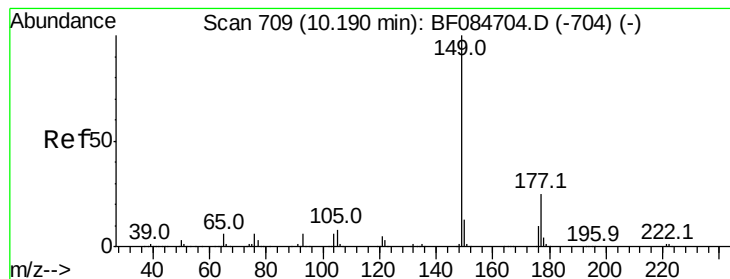
Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 53.1  | 47.0 | 70.6  |       |
| 130     | 2.3   | 2.0  | 3.0   |       |
| 166     | 33.9  | 30.5 | 45.7  |       |





#59

Diethylphthalate

Concen: 36.72 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.03 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

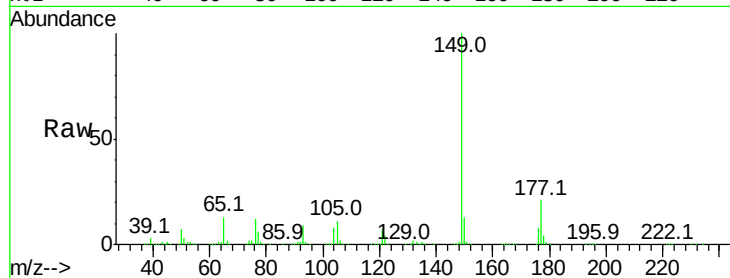
ClientSampled :

PB88197BS

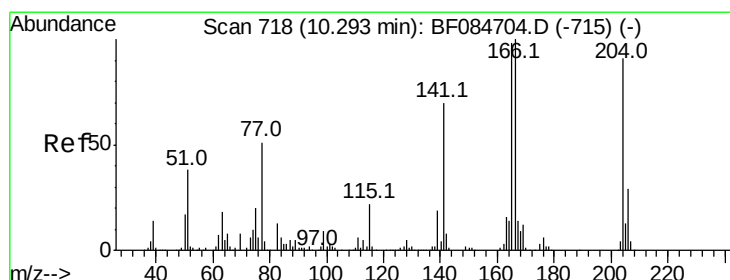
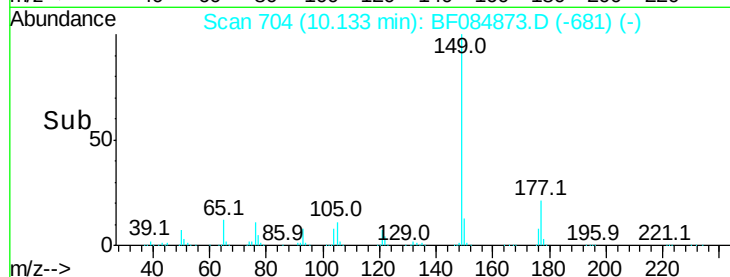
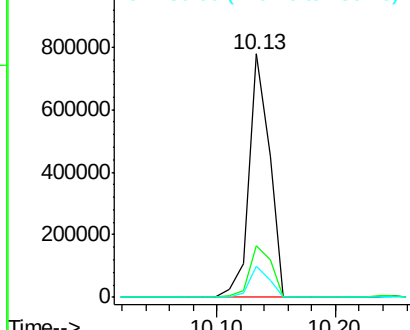
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 935681 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 21.2  | 17.3  | 25.9   |
| 150       | 13.1  | 9.8   | 14.8   |

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.62 ng

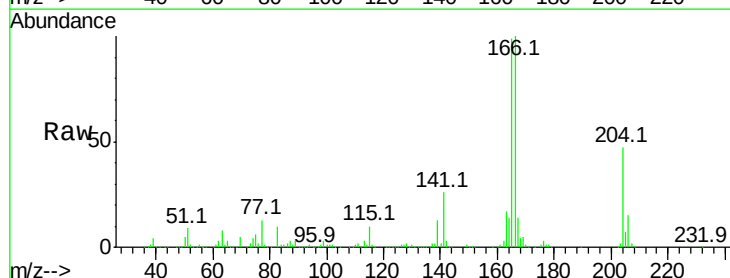
RT: 10.25 min Scan# 714

Delta R.T. -0.02 min

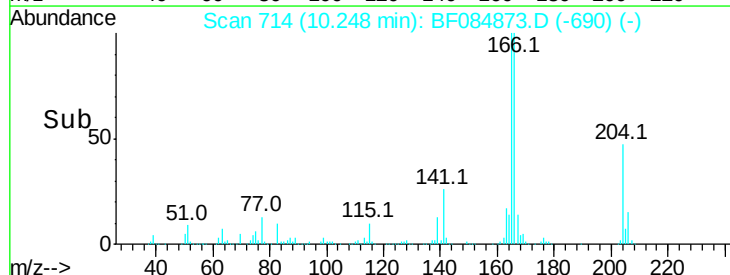
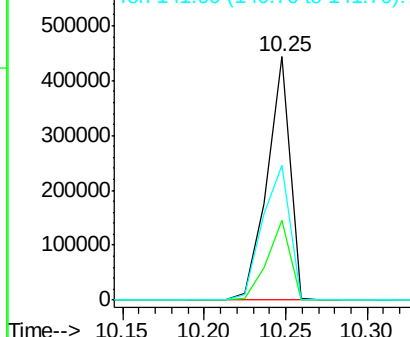
Lab File: BF084873.D

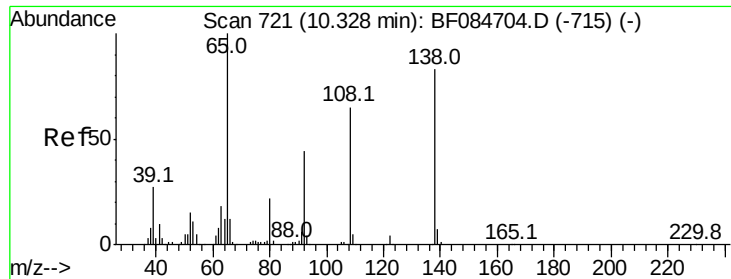
Acq: 5 Feb 2016 21:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 434268 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.7  | 25.7  | 38.5   |
| 141       | 55.1  | 55.1  | 82.7   |



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





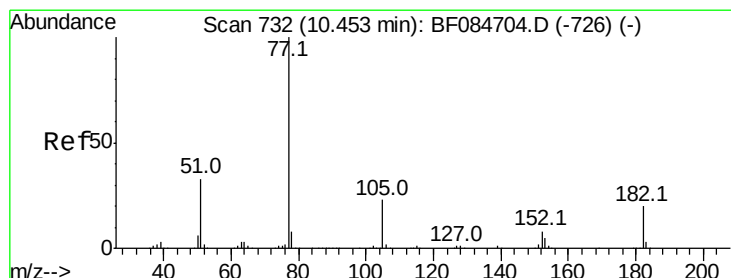
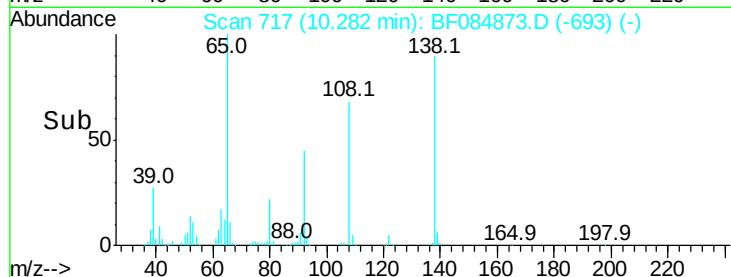
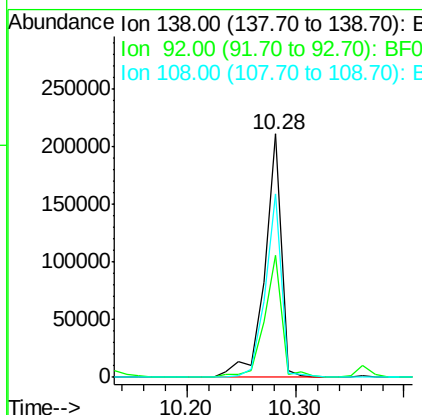
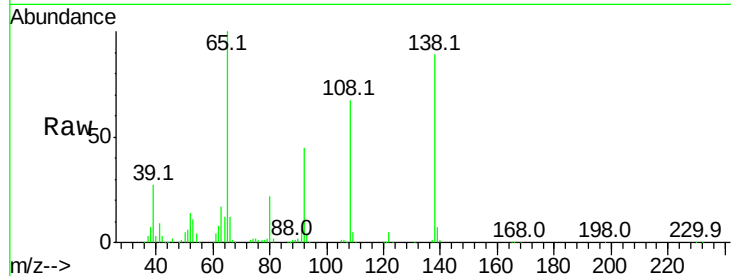
#61  
4-Nitroaniline  
Concen: 36.41 ng  
RT: 10.28 min Scan# 717  
Delta R.T. -0.02 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

Instrument :  
BNA\_F  
ClientSampled :  
PB88197BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.3  | 32.6  | 72.6  |
| 108     | 75.4  | 68.6  | 108.6 |

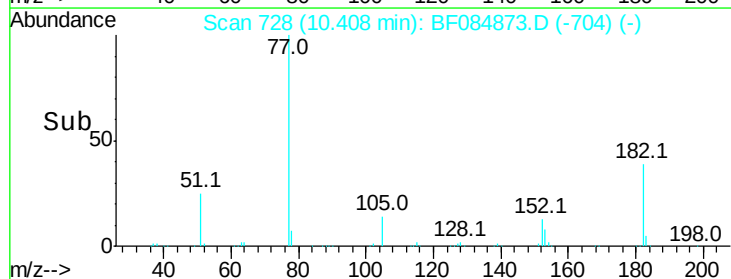
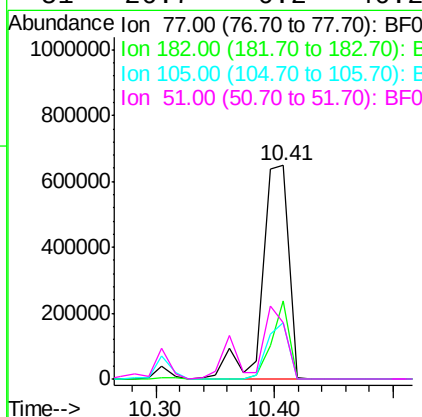
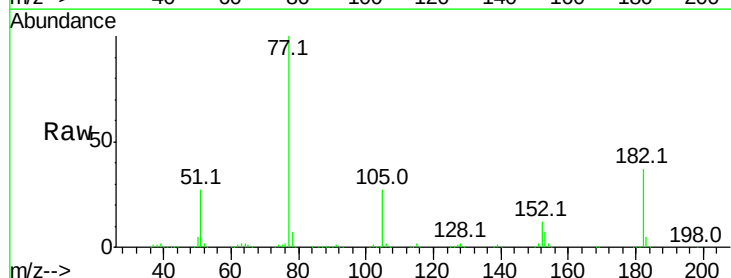
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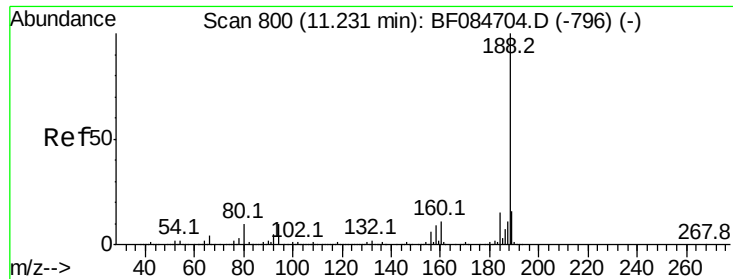
UMANGI  
2/8/2016 3:03:00 PM



#62  
Azobenzene  
Concen: 41.28 ng  
RT: 10.41 min Scan# 728  
Delta R.T. -0.02 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 36.8  | 8.3   | 48.3  |
| 105     | 26.7  | 4.6   | 44.6  |
| 51      | 26.7  | 6.2   | 46.2  |





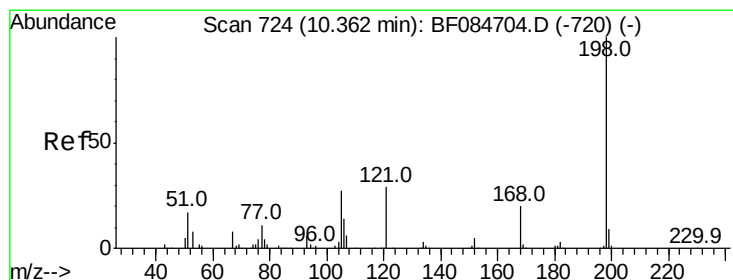
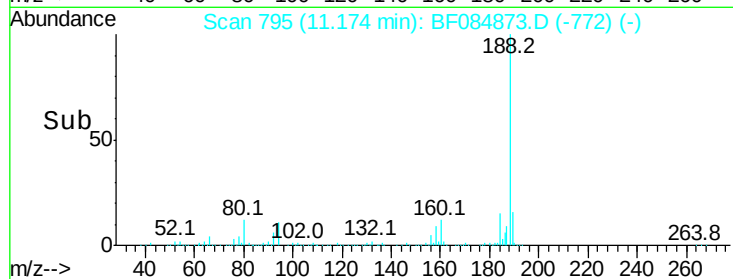
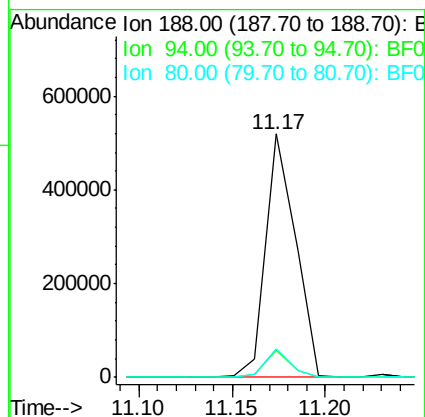
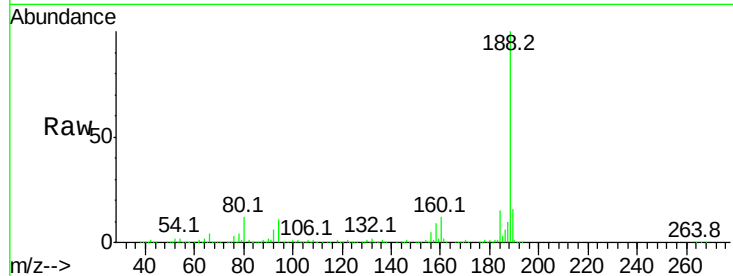
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.17 min Scan# 795  
Delta R.T. -0.03 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB88197BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 572872 |       |       |
| 94      | 11.0  |        | 9.0   | 13.4  |
| 80      | 11.9  |        | 9.6   | 14.4  |

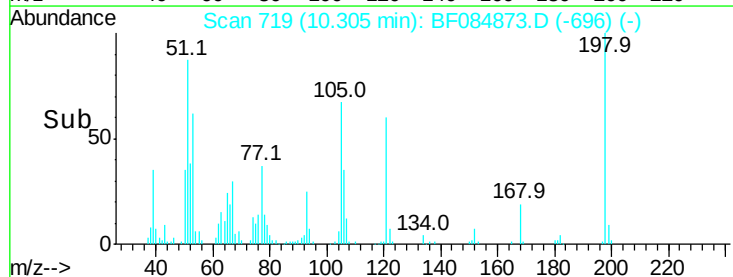
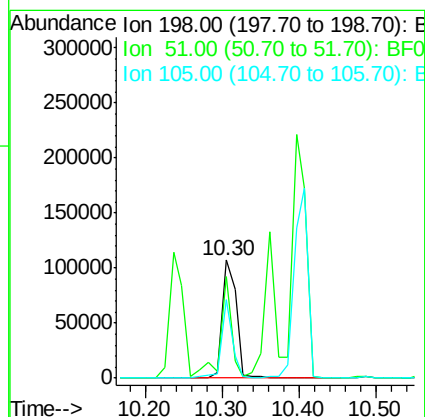
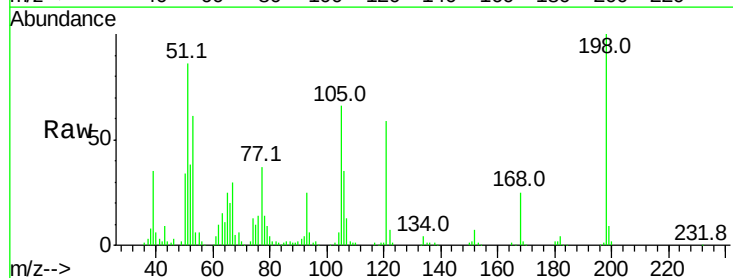
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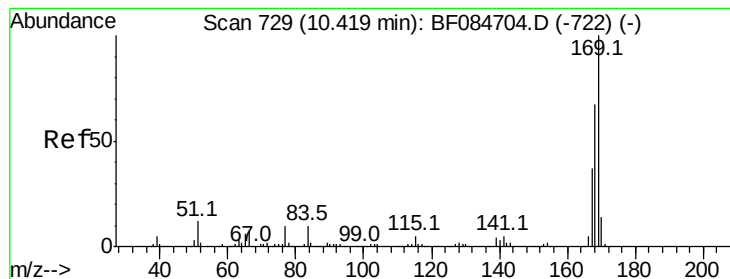
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2/8/2016 3:03:00 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 39.66 ng  
RT: 10.30 min Scan# 719  
Delta R.T. -0.03 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 198     | 100   | 140216 |       |       |
| 51      | 85.6  |        | 18.9  | 58.9# |
| 105     | 66.2  |        | 26.4  | 66.4  |





#65

n-Nitrosodiphenylamine

Concen: 40.68 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.03 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

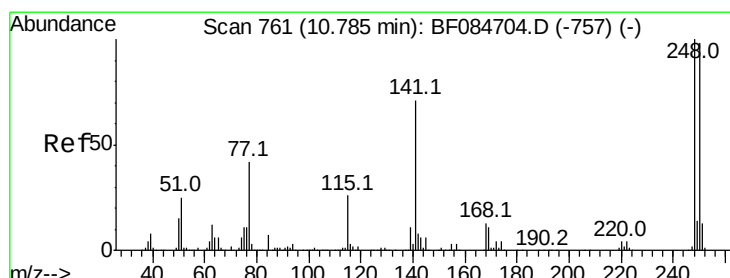
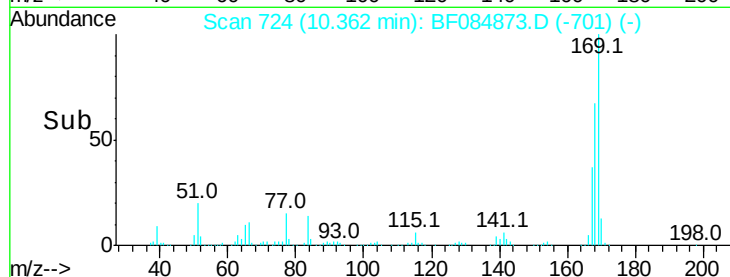
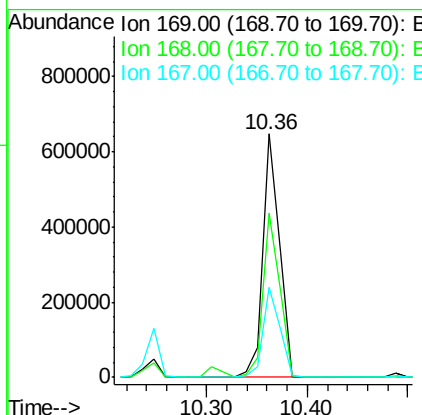
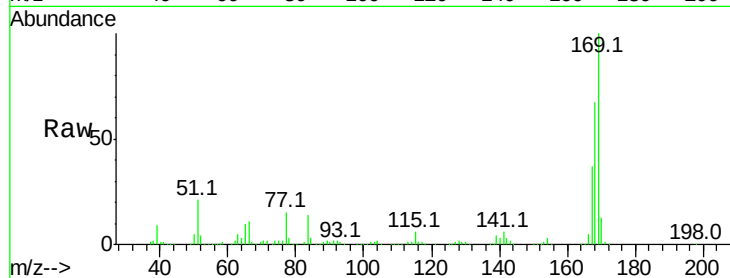
ClientSampleId :

PB88197BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 169   | Resp: | 739911 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.4  | 55.1  | 82.7   |
| 167       | 36.9  | 30.0  | 45.0   |

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#66

4-Bromophenyl-phenylether

Concen: 39.83 ng

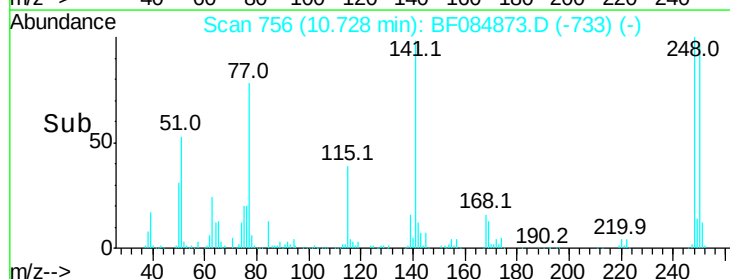
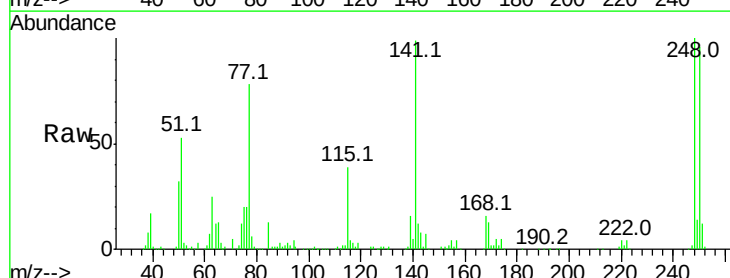
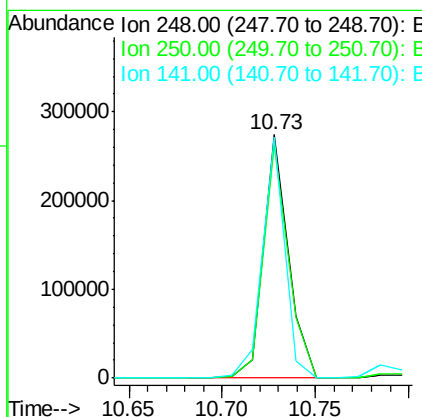
RT: 10.73 min Scan# 756

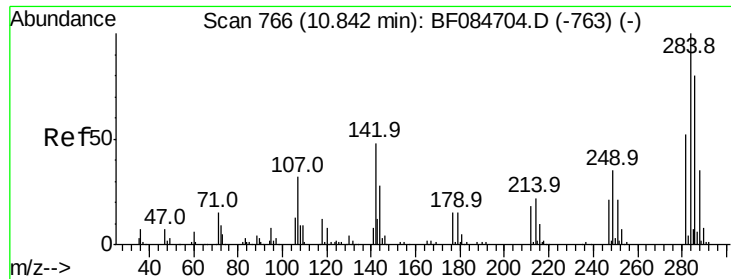
Delta R.T. -0.03 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 252043 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 95.9  | 78.4  | 117.6  |
| 141       | 99.0  | 44.0  | 66.0#  |





#67

Hexachlorobenzene

Concen: 43.73 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

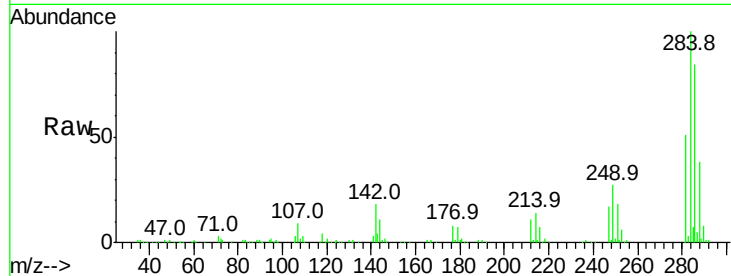
ClientSampleId :

PB88197BS

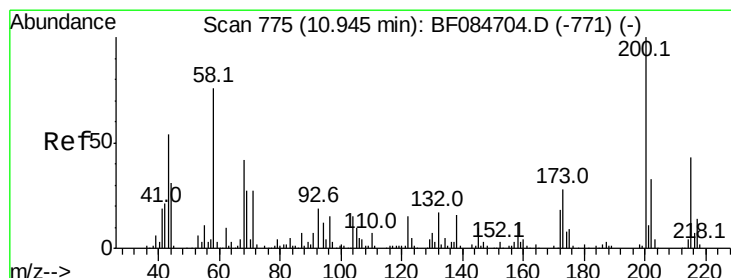
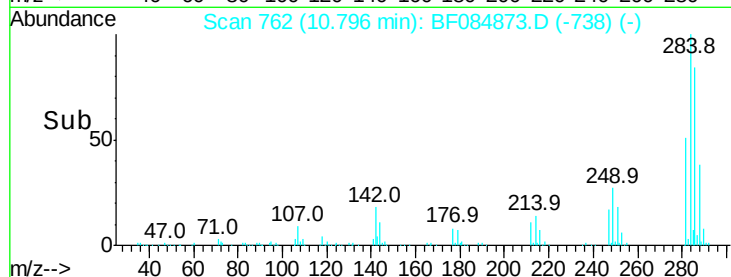
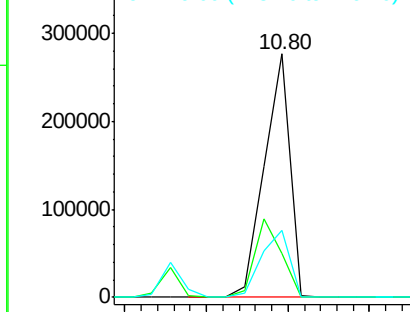
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 301483 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 18.1  | 22.2  | 33.4#  |
| 249       | 27.3  | 24.6  | 37.0   |

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



#68

Atrazine

Concen: 41.67 ng

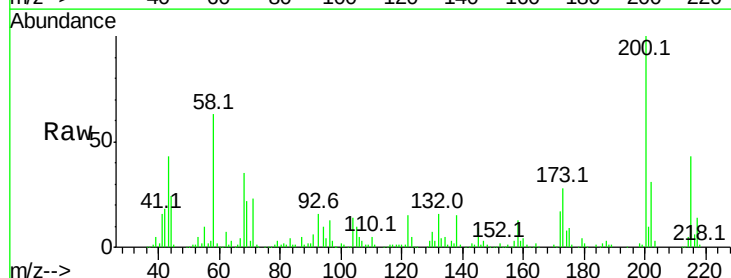
RT: 10.90 min Scan# 771

Delta R.T. -0.02 min

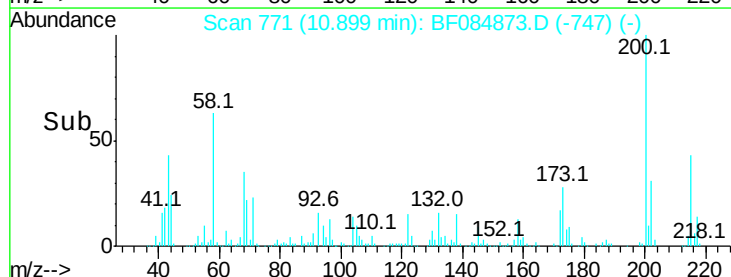
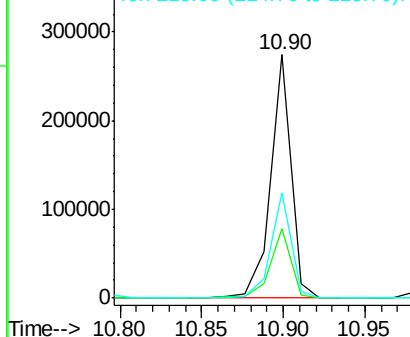
Lab File: BF084873.D

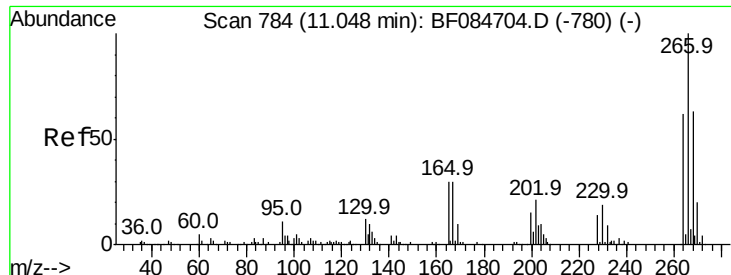
Acq: 5 Feb 2016 21:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 239360 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 28.4  | 9.5   | 49.5   |
| 215       | 43.5  | 23.8  | 63.8   |



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





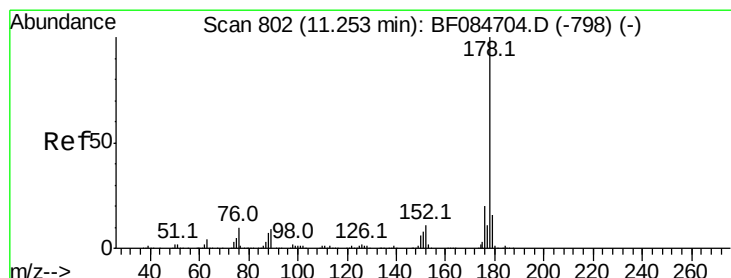
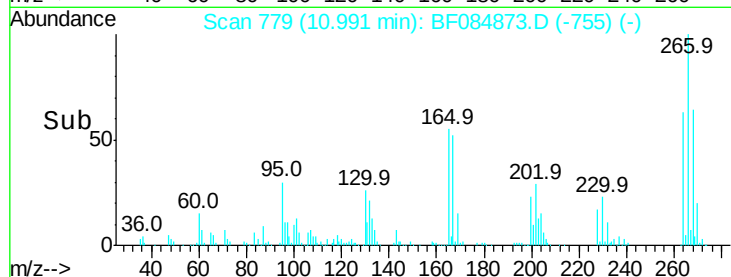
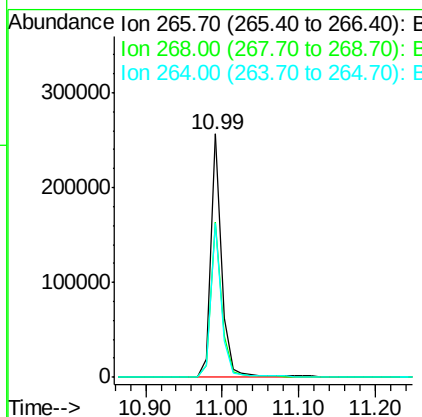
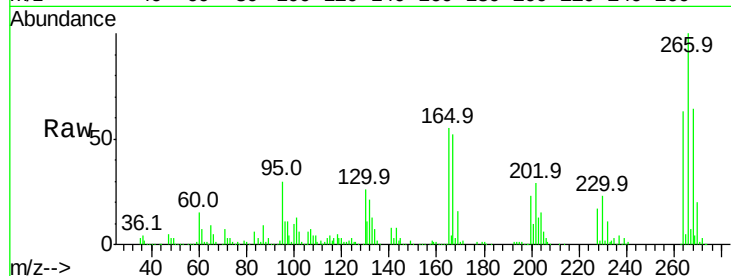
#69  
 Pentachlorophenol  
 Concen: 78.39 ng  
 RT: 10.99 min Scan# 779  
 Delta R.T. -0.02 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88197BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 253980 |       |       |
| 268     | 64.0  | 52.4   | 78.6  |       |
| 264     | 63.5  | 50.2   | 75.2  |       |

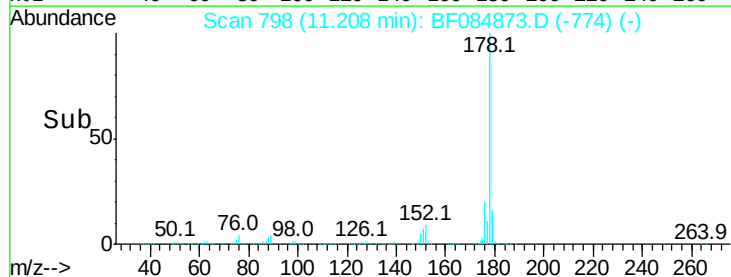
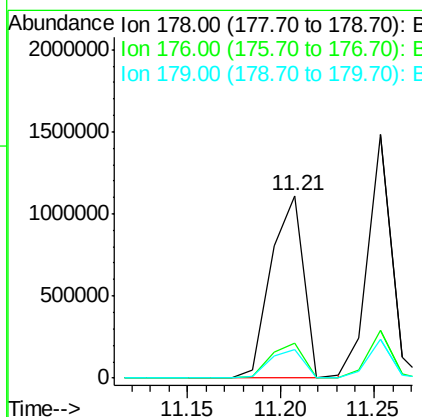
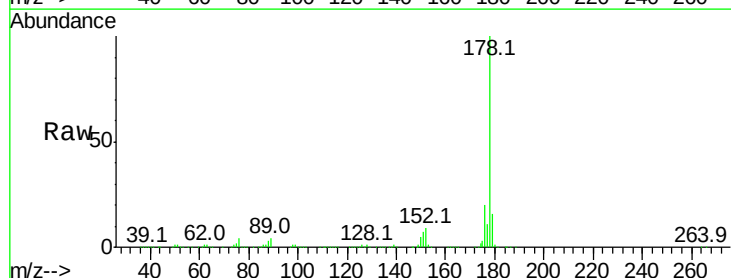
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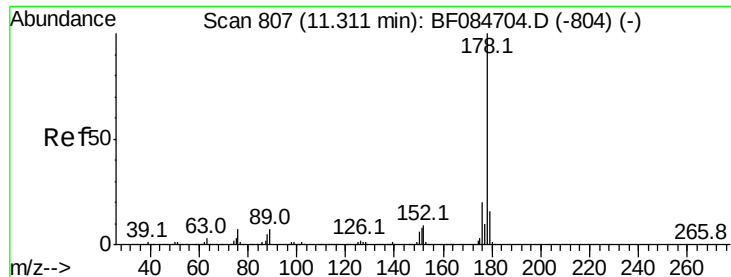
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#70  
 Phenanthrene  
 Concen: 43.04 ng  
 RT: 11.21 min Scan# 798  
 Delta R.T. -0.02 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 178     | 100   | 1367560 |       |       |
| 176     | 19.5  | 15.3    | 22.9  |       |
| 179     | 15.7  | 12.0    | 18.0  |       |





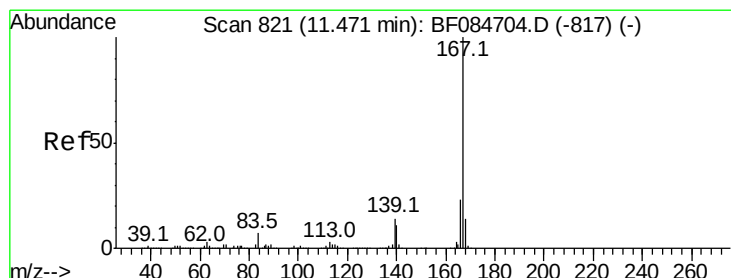
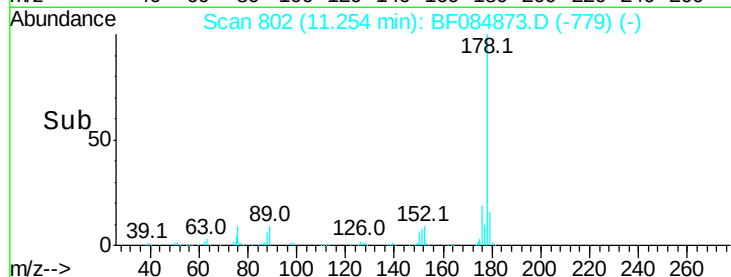
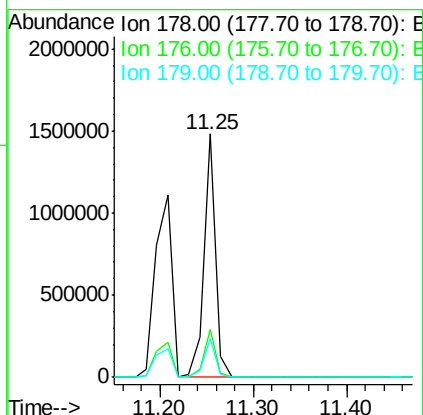
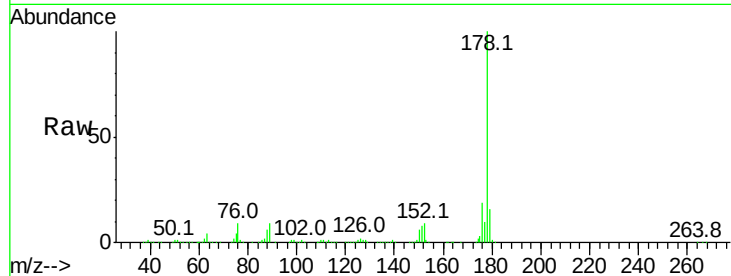
#71  
 Anthracene  
 Concen: 39.97 ng  
 RT: 11.25 min Scan# 802  
 Delta R.T. -0.03 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88197BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.4  | 15.4  | 23.0  |
| 179     | 15.9  | 12.5  | 18.7  |

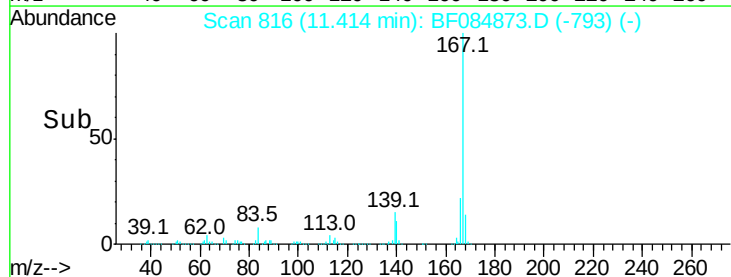
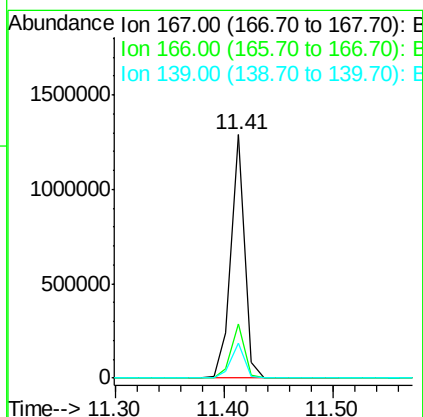
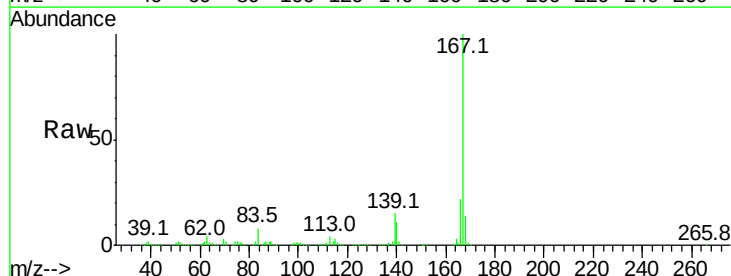
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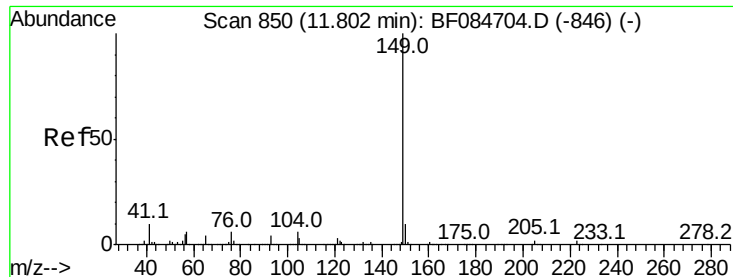


#72  
 Carbazole  
 Concen: 40.04 ng  
 RT: 11.41 min Scan# 816  
 Delta R.T. -0.03 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.1  | 17.6  | 26.4  |
| 139     | 14.5  | 11.8  | 17.8  |







#73

Di-n-butylphthalate

Concen: 43.44 ng

RT: 11.76 min Scan# 846

Delta R.T. -0.02 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

ClientSampleId :

PB88197BS

Tot Ion:149 Resp: 1544019

Ion Ratio Lower Upper

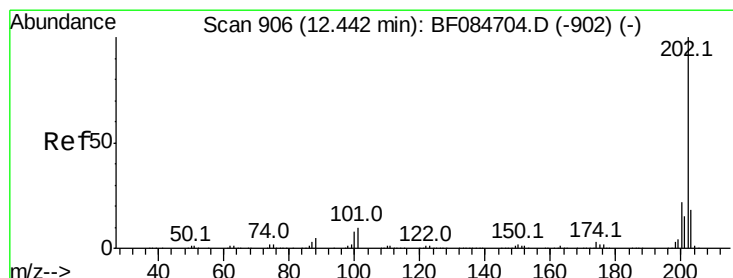
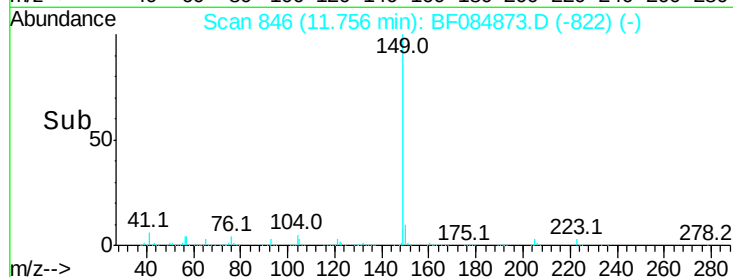
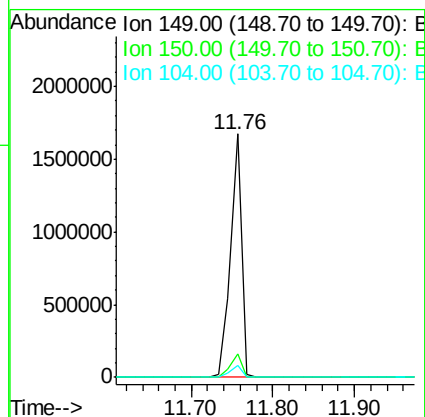
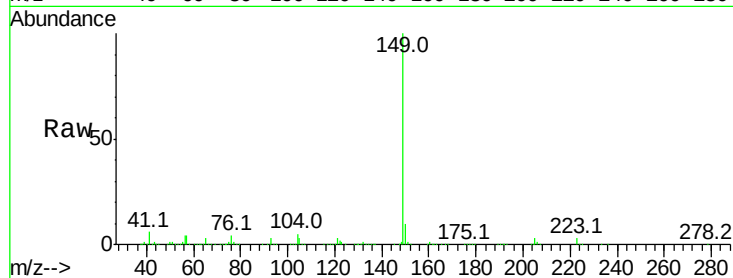
149 100

150 9.7 7.1 10.7

104 5.0 3.2 4.8#

Manual Integrations  
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#74

Fluoranthene

Concen: 40.61 ng

RT: 12.39 min Scan# 901

Delta R.T. -0.03 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

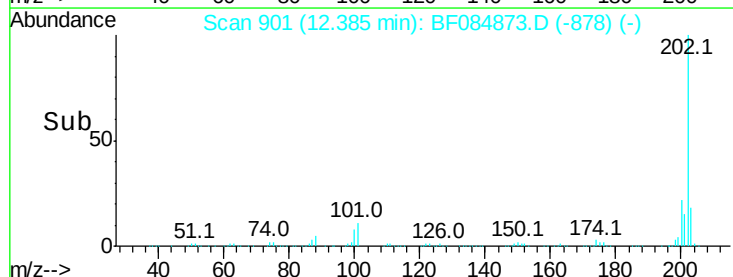
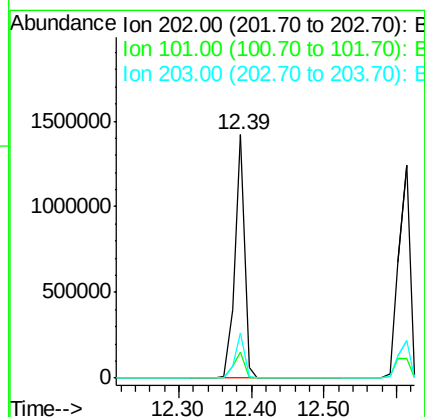
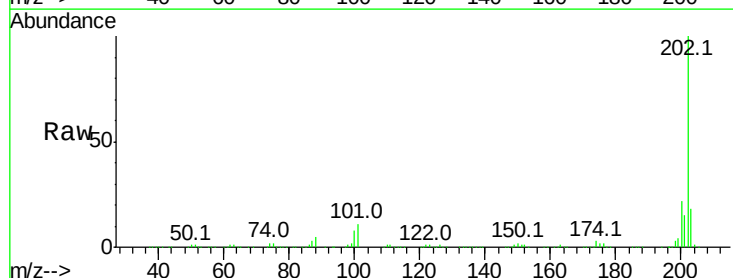
Tgt Ion:202 Resp: 1305877

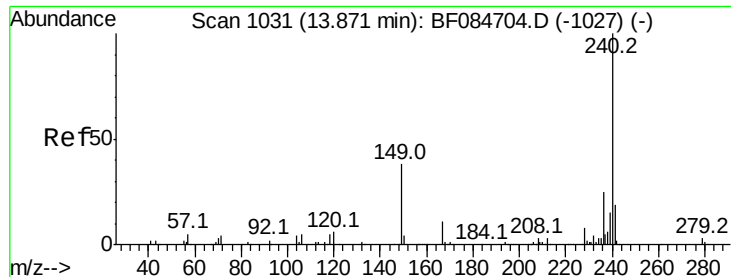
Ion Ratio Lower Upper

202 100

101 10.6 0.0 32.8

203 18.4 0.0 37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

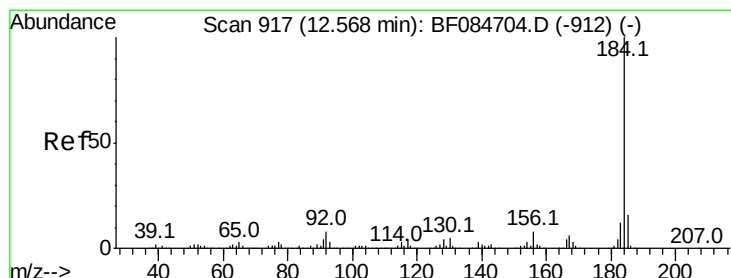
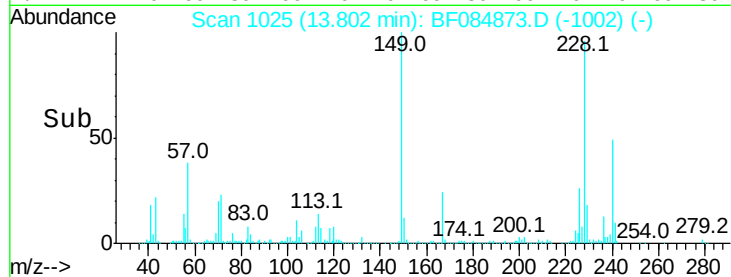
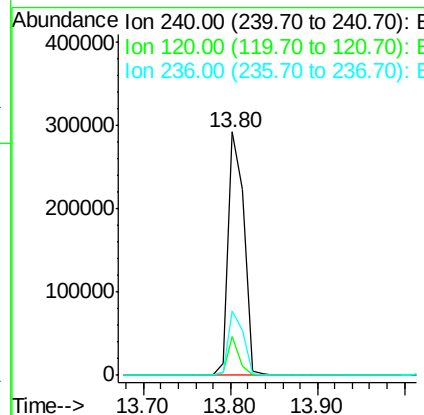
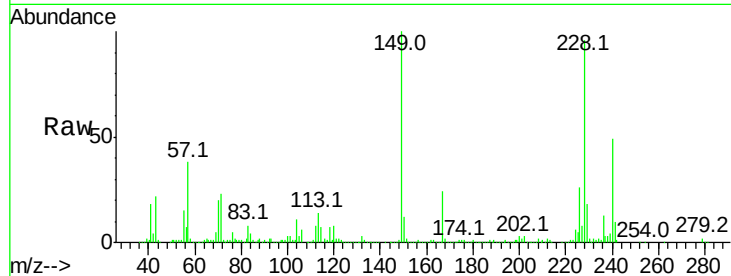
ClientSampleId :

PB88197BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 371393 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 15.8  | 9.5   | 14.3#  |
| 236       | 26.2  | 20.6  | 31.0   |

Manual Integrations  
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#76

Benzidine

Concen: 33.08 ng

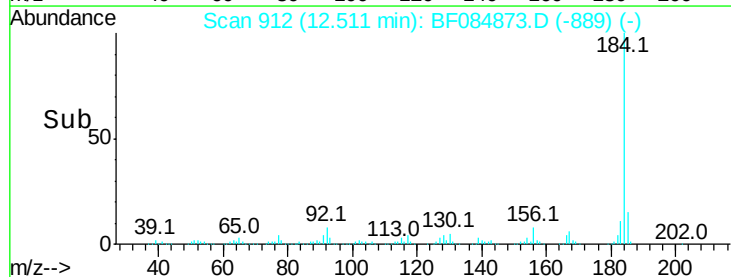
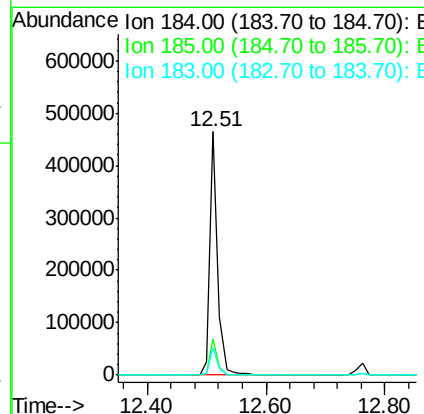
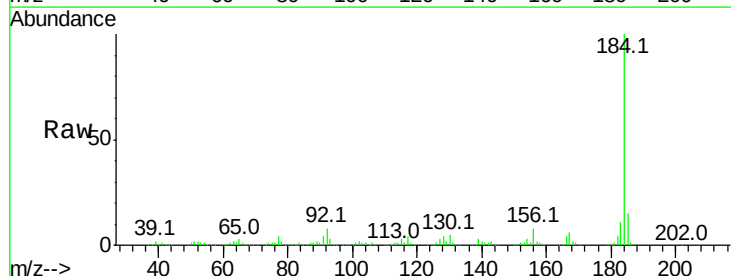
RT: 12.51 min Scan# 912

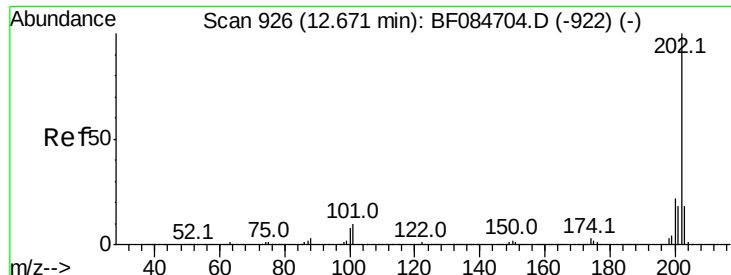
Delta R.T. -0.03 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 435497 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.0  | 12.2  | 18.2   |
| 183       | 11.3  | 9.8   | 14.8   |





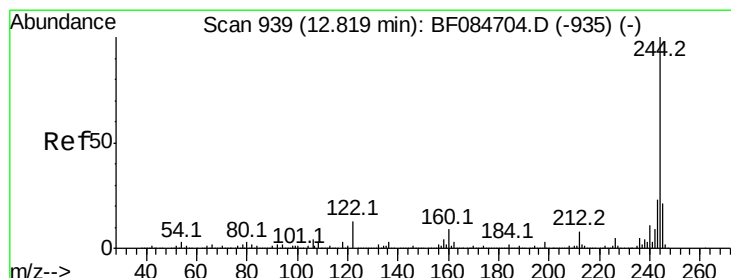
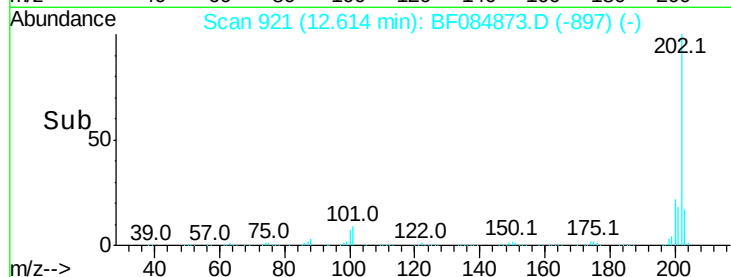
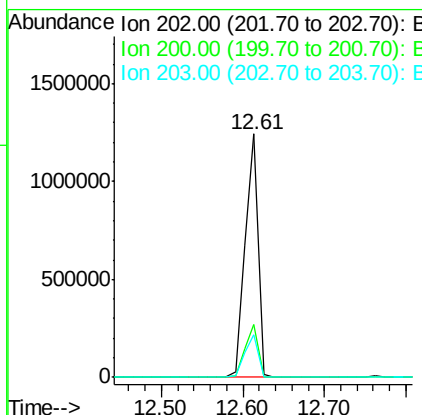
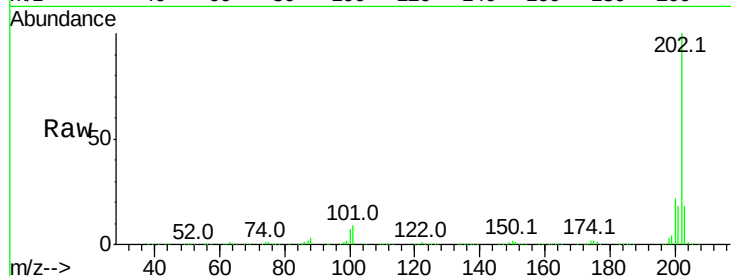
#77  
 Pvrene  
 Concen: 47.63 ng  
 RT: 12.61 min Scan# 921  
 Delta R.T. -0.02 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88197BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.0  | 17.2  | 25.8  |
| 203     | 17.7  | 14.3  | 21.5  |

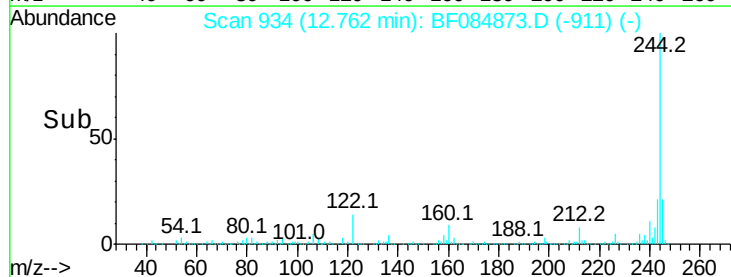
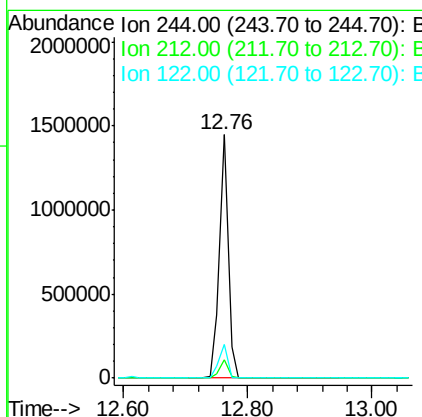
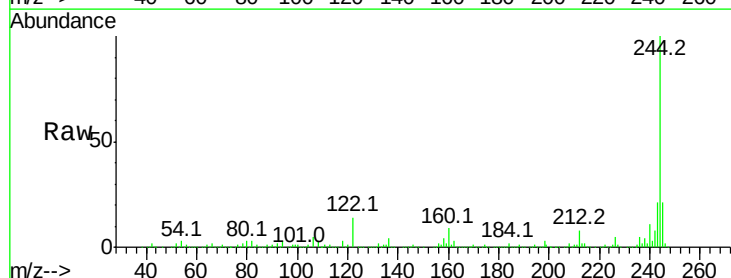
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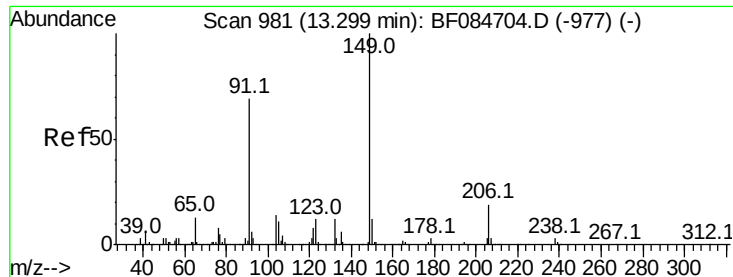
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#78  
 Terphenyl-d14  
 Concen: 84.74 ng  
 RT: 12.76 min Scan# 934  
 Delta R.T. -0.03 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.6   | 5.7   | 8.5   |
| 122     | 13.7  | 7.4   | 11.0# |





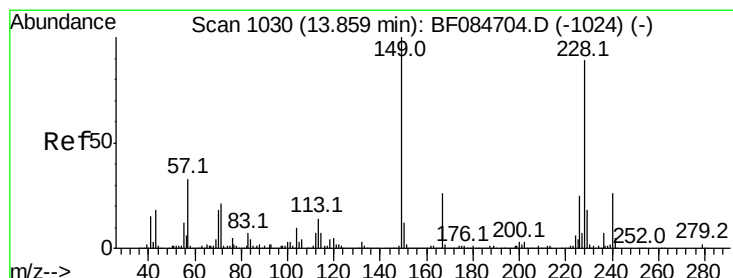
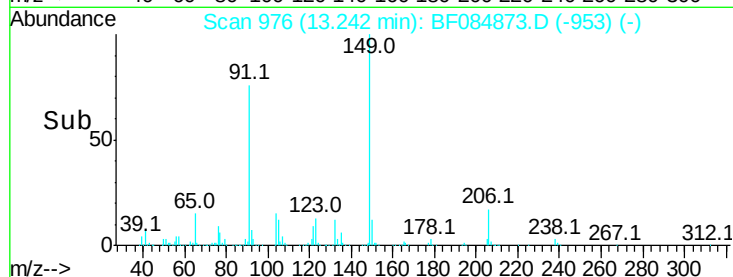
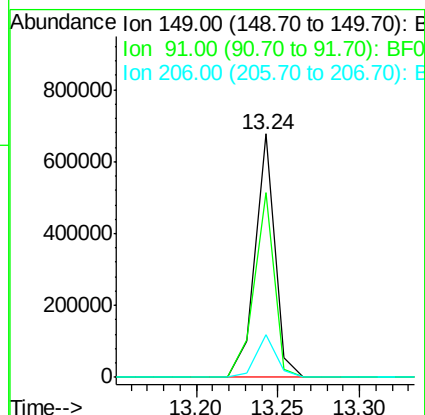
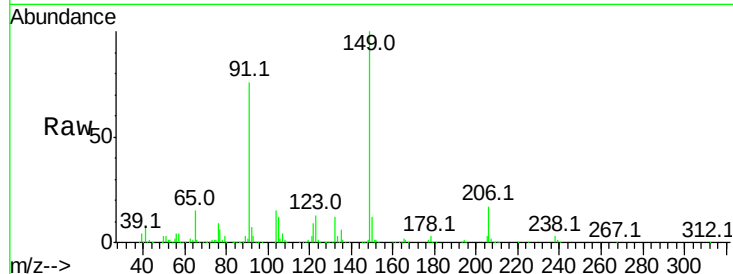
#79  
Butylbenzylphthalate  
Concen: 44.45 ng  
RT: 13.24 min Scan# 976  
Delta R.T. -0.03 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB88197BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 91      | 75.9  | 57.6       | 86.4  |
| 206     | 17.4  | 13.2       | 19.8  |

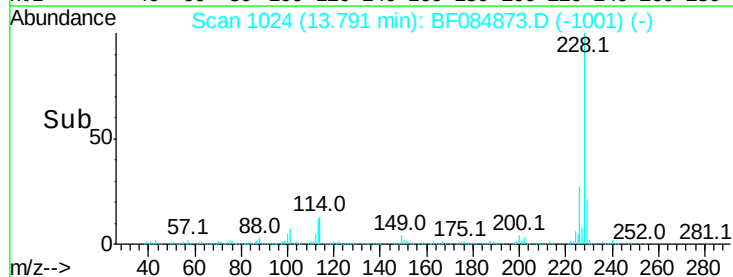
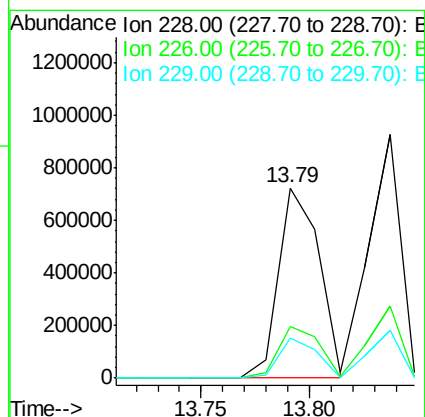
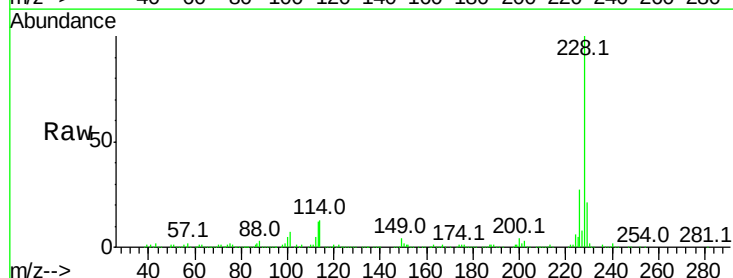
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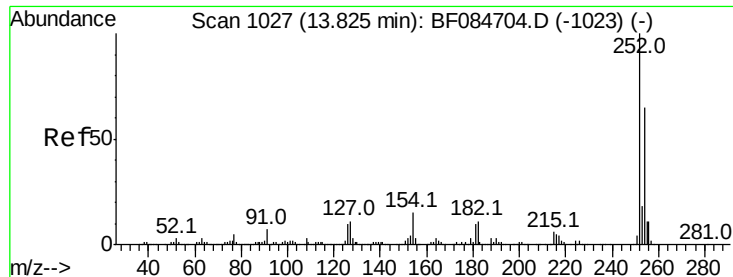
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#80  
Benzo(a)anthracene  
Concen: 41.17 ng  
RT: 13.79 min Scan# 1024  
Delta R.T. -0.03 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 27.2  | 21.8       | 32.6  |
| 229     | 21.0  | 15.8       | 23.8  |





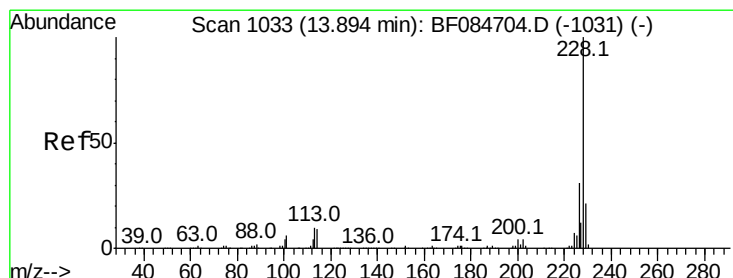
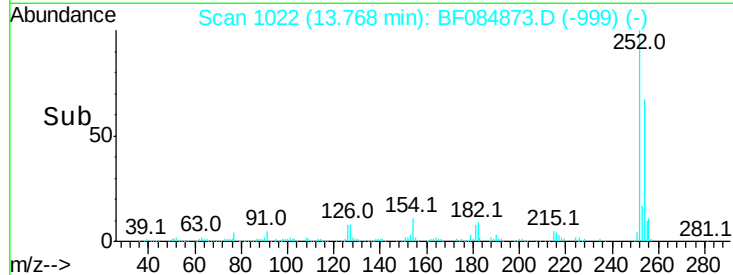
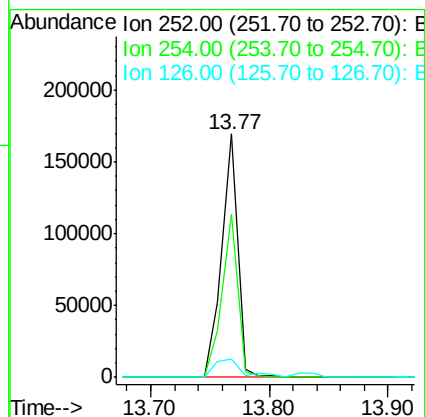
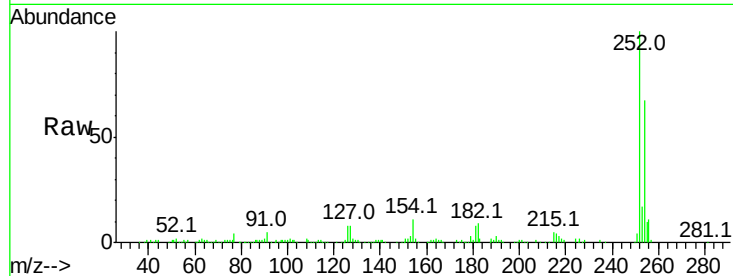
#81  
 3,3'-Dichlorobenzidine  
 Concen: 19.38 ng  
 RT: 13.77 min Scan# 1022  
 Delta R.T. -0.03 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88197BS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 66.7  | 53.5       | 80.3       |
| 126     | 7.6   | 4.9        | 7.3        |

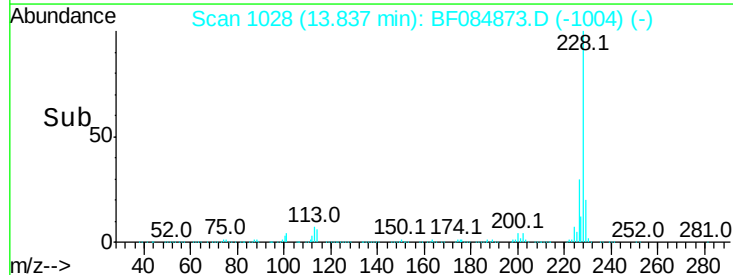
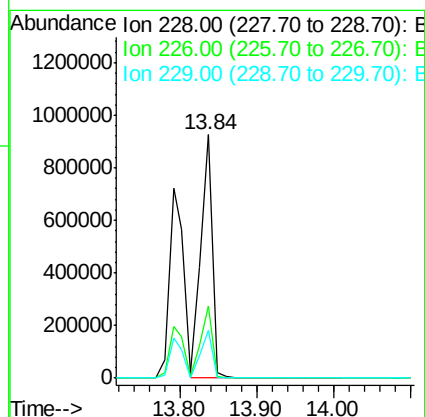
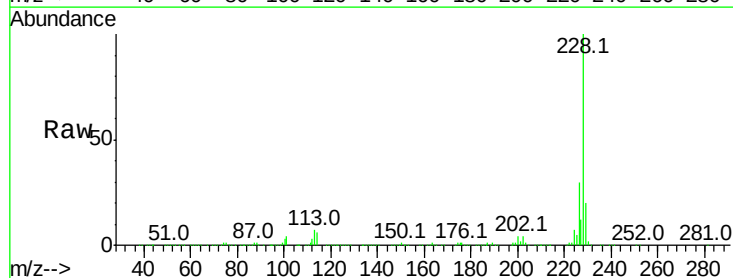
Manual Integrations  
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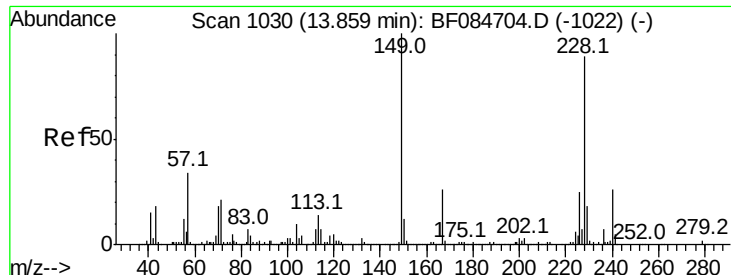
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#82  
 Chrysene  
 Concen: 42.45 ng  
 RT: 13.84 min Scan# 1028  
 Delta R.T. -0.02 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 29.8  | 24.3       | 36.5       |
| 229     | 19.7  | 16.1       | 24.1       |





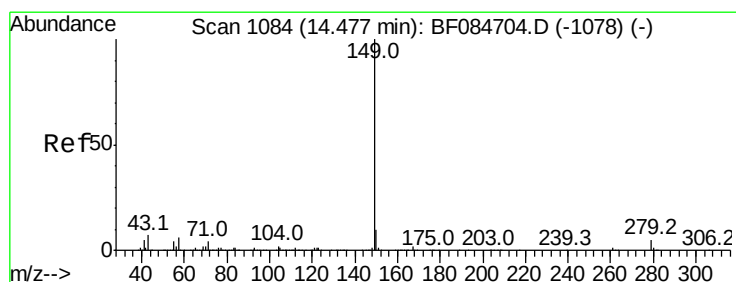
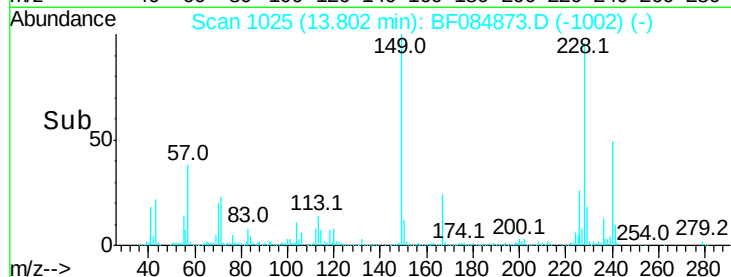
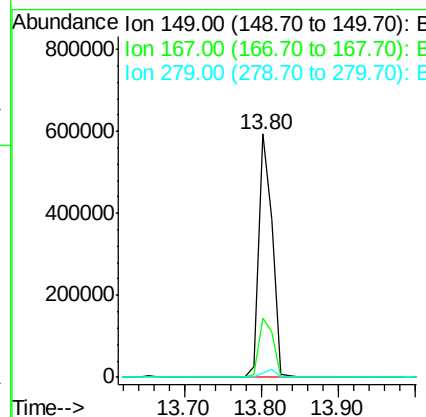
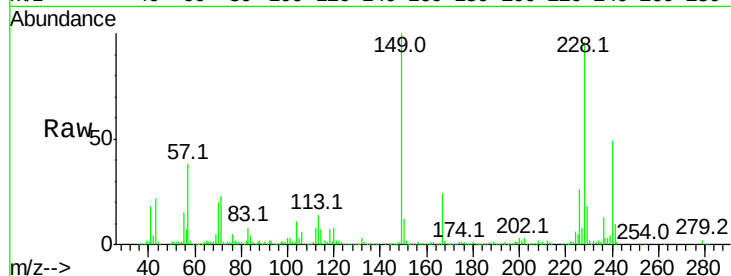
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.55 ng  
 RT: 13.80 min Scan# 1025  
 Delta R.T. -0.03 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88197BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 699052 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 24.3  | 19.7  | 29.5   |
| 279       | 2.0   | 1.8   | 2.6    |

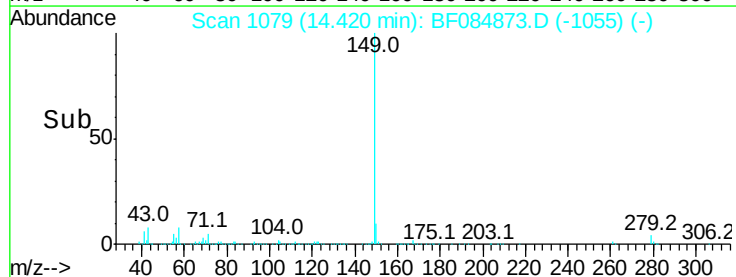
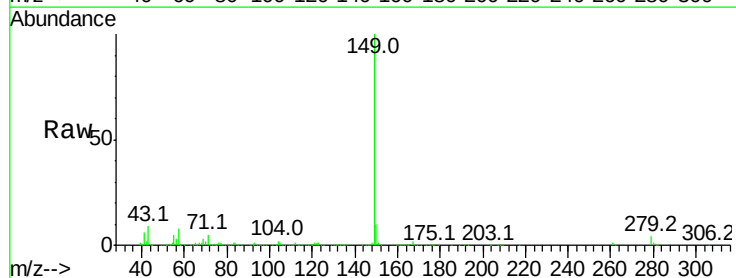
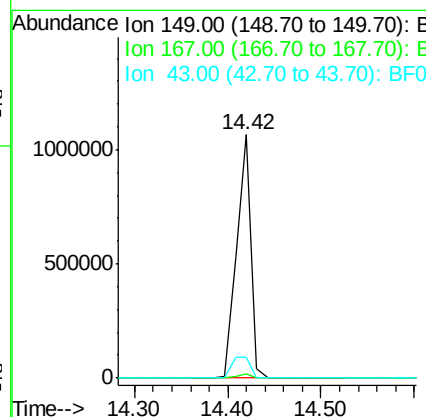
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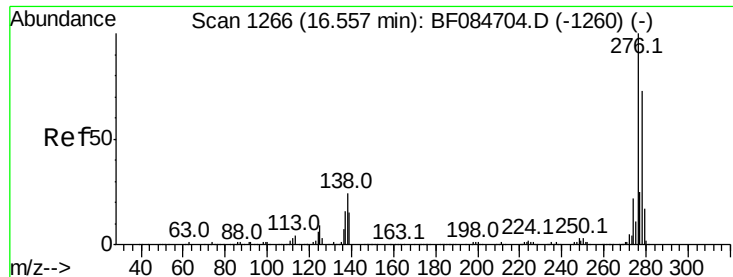
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#84  
 Di-n-octyl phthalate  
 Concen: 42.85 ng  
 RT: 14.42 min Scan# 1079  
 Delta R.T. -0.02 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 149   | Resp: | 1134920 |
| Ion Ratio | Lower | Upper |         |
| 149       | 100   |       |         |
| 167       | 1.6   | 1.2   | 1.8     |
| 43        | 11.2  | 5.6   | 8.4#    |





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.23 ng

RT: 16.45 min Scan# 1257

Delta R.T. -0.05 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

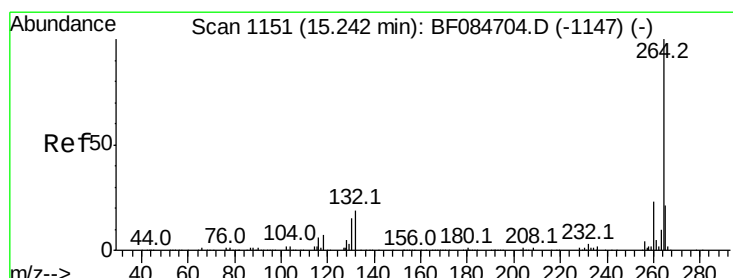
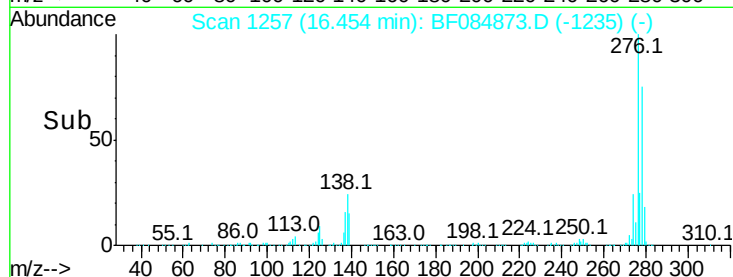
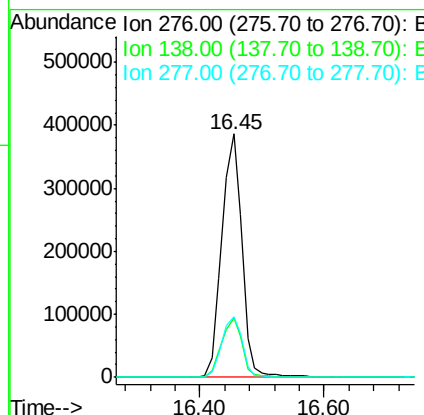
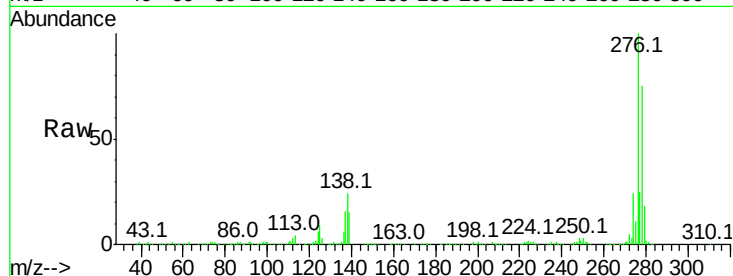
ClientSampled :

PB88197BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 866087 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 138       | 24.7 | 20.6  | 30.8   |
| 277       | 25.6 | 20.1  | 30.1   |

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#86

Perylene-d12

Concen: 20.00 ng

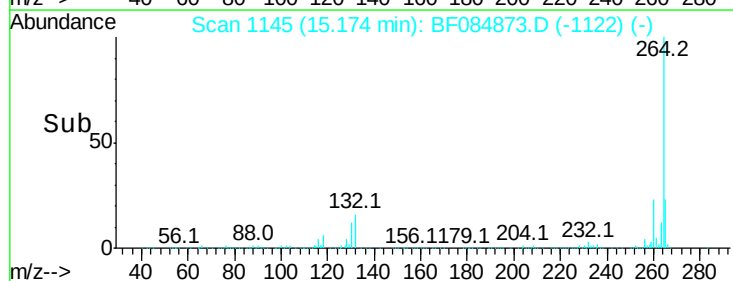
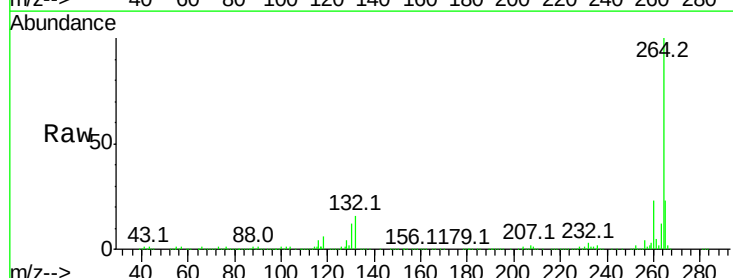
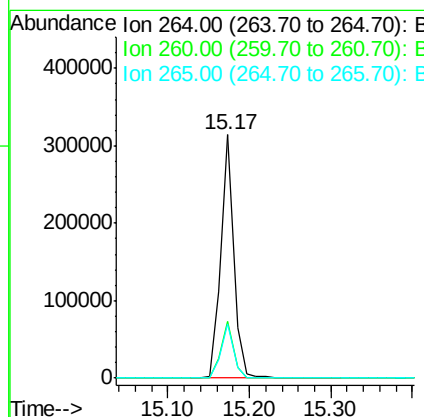
RT: 15.17 min Scan# 1145

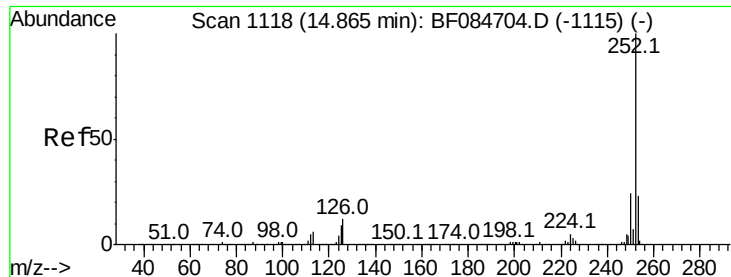
Delta R.T. -0.03 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 264  | Resp: | 346992 |
| Ion Ratio |      | Lower | Upper  |
| 264       | 100  |       |        |
| 260       | 23.1 | 19.4  | 29.2   |
| 265       | 22.5 | 17.8  | 26.6   |





#87

Benzo(b)fluoranthene

Concen: 33.84 ng m

RT: 14.80 min Scan# 1112

Delta R.T. -0.03 min

Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

Instrument :

BNA\_F

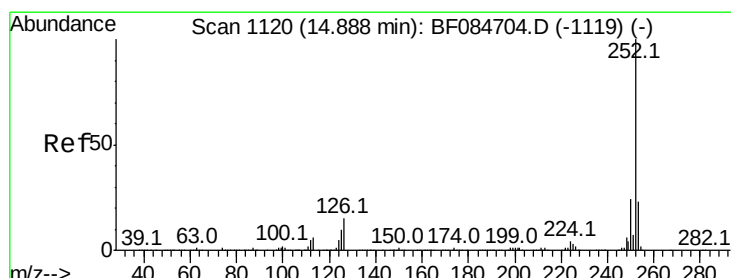
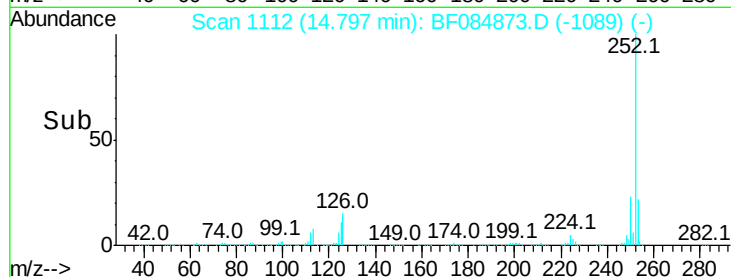
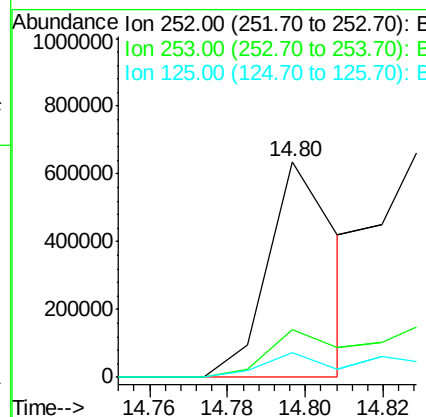
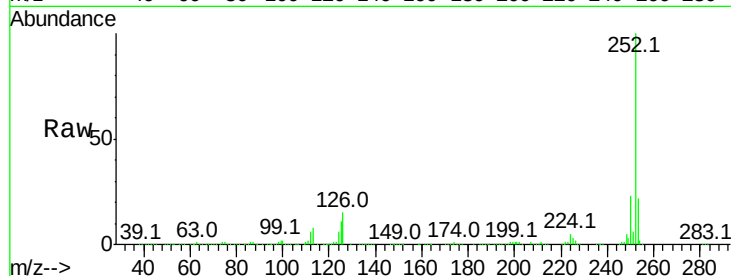
ClientSampleId :

PB88197BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 17.3  | 25.9  |
| 125     | 11.4  | 6.5   | 9.7#  |

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#88

Benzo(k)fluoranthene

Concen: 43.70 ng m

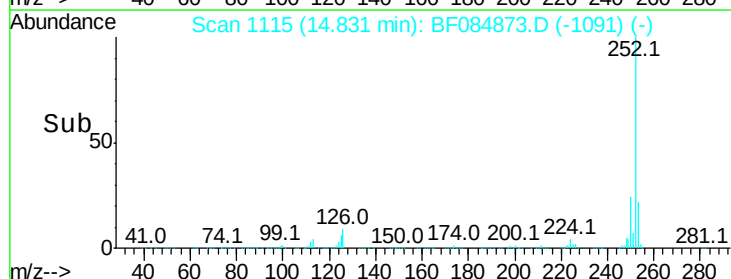
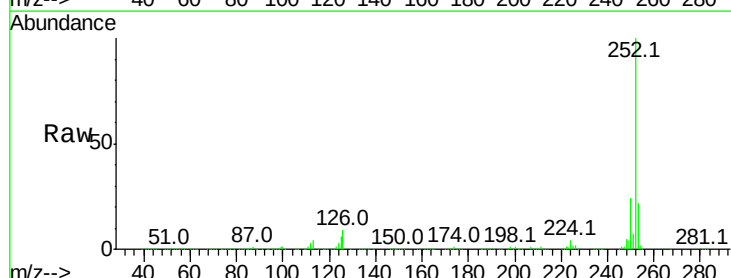
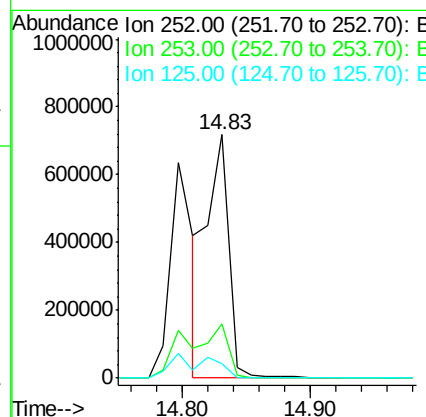
RT: 14.83 min Scan# 1115

Delta R.T. -0.02 min

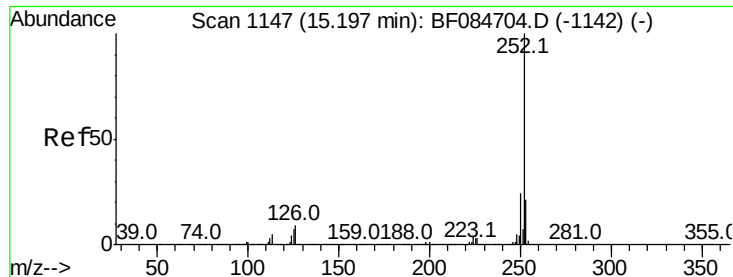
Lab File: BF084873.D

Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 18.1  | 27.1  |
| 125     | 6.2   | 9.0   | 13.6# |







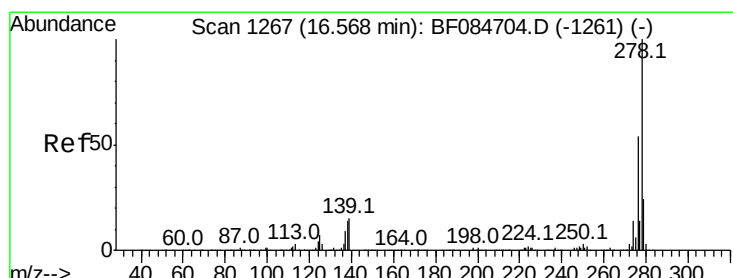
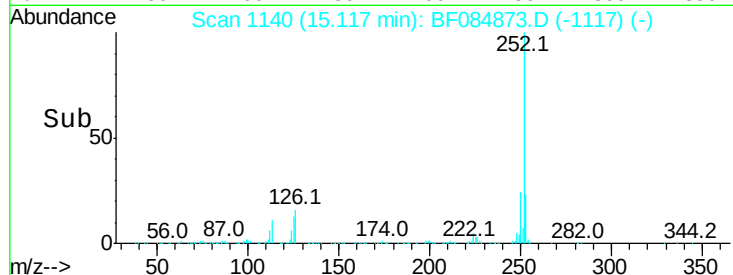
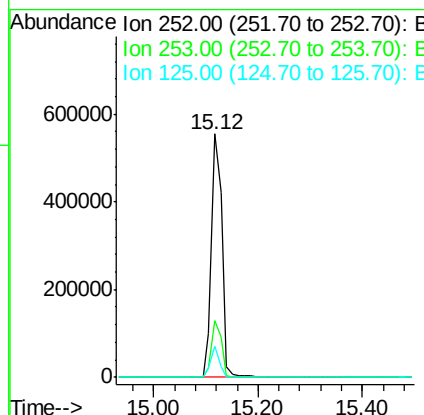
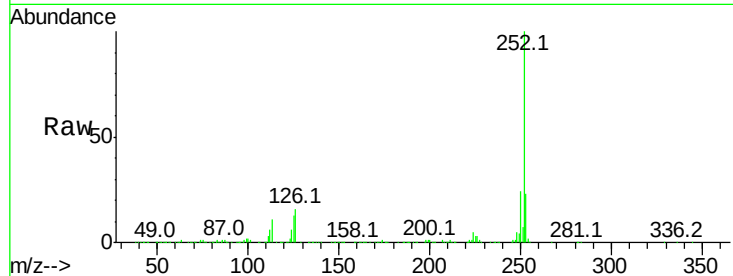
#89  
Benzo(a)pyrene  
Concen: 39.14 ng  
RT: 15.12 min Scan# 1140  
Delta R.T. -0.03 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB88197BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.2  | 17.3  | 25.9  |
| 125     | 12.6  | 7.0   | 10.4  |

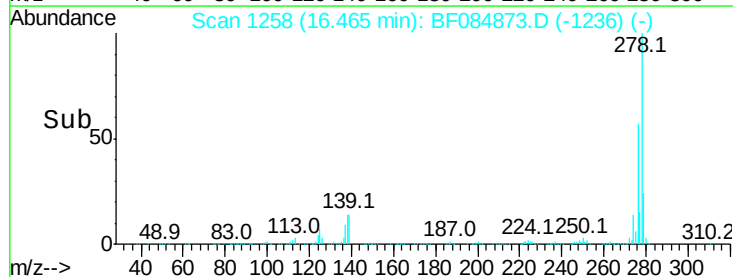
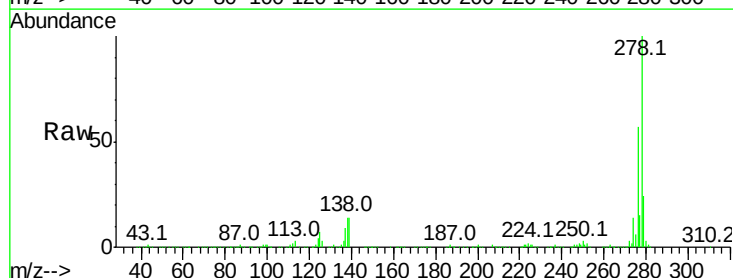
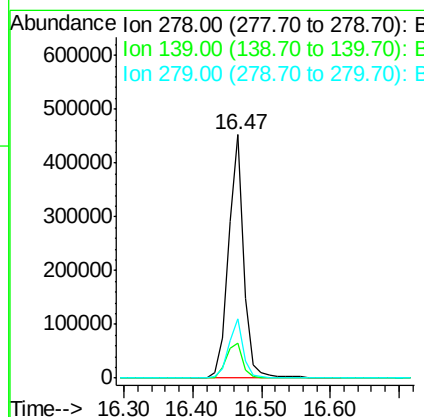
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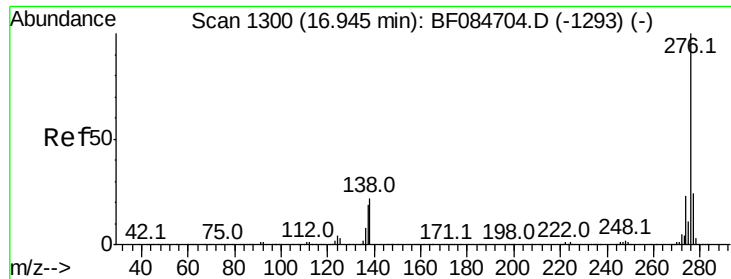
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#90  
Dibenzo(a,h)anthracene  
Concen: 42.64 ng  
RT: 16.47 min Scan# 1258  
Delta R.T. -0.05 min  
Lab File: BF084873.D  
Acq: 5 Feb 2016 21:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.4  | 15.0  | 22.4  |
| 279     | 24.1  | 18.9  | 28.3  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 43.92 ng  
 RT: 16.83 min Scan# 1290  
 Delta R.T. -0.06 min  
 Lab File: BF084873.D  
 Acq: 5 Feb 2016 21:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB88197BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 276     | 100   |            |       |
| 277     | 23.9  | 18.8       | 28.2  |
| 138     | 22.4  | 17.8       | 26.6  |

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