

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF072215\  
 Data File : BF080564.D  
 Acq On : 22 Jul 2015 19:15  
 Operator : TP/UM  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215

Manual Integrations  
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apatel  
 7/23/2015 11:50:51 AM

Quant Time: Jul 23 05:26:08 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF072215.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 23 05:13:42 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.96  | 152  | 31357    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.25  | 136  | 114489   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.01 | 164  | 48752    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.49 | 188  | 85438    | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.27 | 240  | 66828    | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 15.91 | 264  | 44635    | 20.00 | ng    | -0.11    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.53  | 112  | 147886   | 83.64 | ng    | 0.00     |
| 7) Phenol-d6                | 6.57  | 99   | 181610   | 83.40 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.52  | 82   | 164368   | 92.47 | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 10.80 | 330  | 27905    | 79.55 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.32  | 172  | 276739   | 81.63 | ng    | 0.00     |
| 78) Terphenyl-d14           | 13.12 | 244  | 254360   | 78.05 | ng    | -0.01    |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 2.50 | 88   | 35905    | 39.06 | ng    | # 100  |
| 3) Pyridine                    | 3.28 | 79   | 86260    | 40.42 | ng    | 90     |
| 4) n-Nitrosodimethylamine      | 3.18 | 42   | 52700    | 39.09 | ng    | # 97   |
| 6) Aniline                     | 6.61 | 93   | 130710   | 40.06 | ng    | 98     |
| 8) 2-Chlorophenol              | 6.74 | 128  | 79000    | 42.66 | ng    | 95     |
| 9) Benzaldehyde                | 6.50 | 77   | 66736    | 40.73 | ng    | 99     |
| 10) Phenol                     | 6.58 | 94   | 106998   | 41.31 | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 6.68 | 93   | 76979    | 41.38 | ng    | 94     |
| 12) 1,3-Dichlorobenzene        | 6.90 | 146  | 96235    | 40.17 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 6.98 | 146  | 94563    | 41.44 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 7.13 | 146  | 91225    | 41.45 | ng    | 98     |
| 15) Benzyl Alcohol             | 7.09 | 79   | 74805    | 41.49 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.24 | 45   | 153474   | 39.40 | ng    | 98     |
| 17) 2-Methylphenol             | 7.20 | 107  | 63448    | 40.17 | ng    | 99     |
| 18) Hexachloroethane           | 7.48 | 117  | 33845    | 42.07 | ng    | 99     |
| 19) n-Nitroso-di-n-propylamine | 7.37 | 70   | 55511    | 39.69 | ng    | 99     |
| 20) 3+4-Methylphenols          | 7.36 | 107  | 83489    | 41.91 | ng    | 98     |
| 22) Acetophenone               | 7.37 | 105  | 111705   | 40.87 | ng    | 98     |
| 24) Nitrobenzene               | 7.54 | 77   | 86937    | 40.68 | ng    | 99     |
| 25) Isophorone                 | 7.78 | 82   | 151061   | 40.24 | ng    | 98     |
| 26) 2-Nitrophenol              | 7.86 | 139  | 23073    | 44.91 | ng    | # 92   |
| 27) 2,4-Dimethylphenol         | 7.89 | 122  | 62864    | 39.55 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 8.00 | 93   | 81989    | 40.72 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 8.10 | 162  | 54697    | 43.06 | ng    | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.19 | 180  | 71359    | 40.18 | ng    | 98     |
| 31) Naphthalene                | 8.27 | 128  | 230347   | 40.52 | ng    | 99     |
| 32) Benzoic acid               | 7.94 | 122  | 21239m   | 45.08 | ng    |        |
| 33) 4-Chloroaniline            | 8.32 | 127  | 88826    | 40.59 | ng    | 97     |
| 34) Hexachlorobutadiene        | 8.40 | 225  | 43035    | 41.49 | ng    | 95     |
| 35) Caprolactam                | 8.64 | 113  | 14300    | 39.91 | ng    | 94     |
| 36) 4-Chloro-3-methylphenol    | 8.78 | 107  | 66424    | 42.28 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 8.96 | 142  | 127564   | 40.07 | ng    | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.13 | 216  | 67264    | 40.24 | ng    | 98     |
| 40) Hexachlorocyclopentadiene  | 9.12 | 237  | 33450    | 46.45 | ng    | 93     |

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Manual Integrations  
 APPROVED

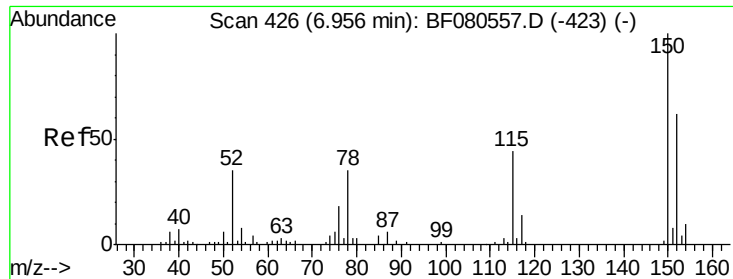
apatel  
 7/23/2015 11:50:51 AM

Quant Time: Jul 23 05:26:08 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF072215.M  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.23  | 196  | 35124    | 42.43 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.26  | 196  | 39215    | 45.33 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 9.42  | 154  | 170160   | 41.64 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.45  | 162  | 134343   | 41.62 | ng    | 97       |
| 47) 2-Nitroaniline             | 9.54  | 65   | 31380    | 43.07 | ng    | 96       |
| 48) Acenaphthylene             | 9.87  | 152  | 194030   | 40.96 | ng    | 99       |
| 49) Dimethylphthalate          | 9.72  | 163  | 142900   | 41.74 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.78  | 165  | 24314    | 42.82 | ng    | 97       |
| 51) Acenaphthene               | 10.04 | 154  | 118179   | 42.46 | ng    | 98       |
| 52) 3-Nitroaniline             | 9.95  | 138  | 23180    | 41.30 | ng    | 97       |
| 53) 2,4-Dinitrophenol          | 10.05 | 184  | 3594     | 43.48 | ng    | 92       |
| 54) Dibenzofuran               | 10.21 | 168  | 167183   | 40.90 | ng    | 99       |
| 55) 4-Nitrophenol              | 10.09 | 139  | 19211    | 43.39 | ng    | 98       |
| 56) 2,4-Dinitrotoluene         | 10.18 | 165  | 27993    | 43.97 | ng    | # 96     |
| 57) Fluorene                   | 10.56 | 166  | 131576   | 40.28 | ng    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.33 | 232  | 29117    | 41.62 | ng    | 98       |
| 59) Diethylphthalate           | 10.42 | 149  | 125013   | 39.57 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.54 | 204  | 56822    | 40.34 | ng    | 97       |
| 61) 4-Nitroaniline             | 10.56 | 138  | 23400    | 38.18 | ng    | 97       |
| 62) Azobenzene                 | 10.70 | 77   | 145502   | 41.82 | ng    | 100      |
| 64) 4,6-Dinitro-2-methylphenol | 10.59 | 198  | 5937     | 42.97 | ng    | 91       |
| 65) n-Nitrosodiphenylamine     | 10.66 | 169  | 119695   | 42.49 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 11.04 | 248  | 31795    | 38.67 | ng    | 94       |
| 67) Hexachlorobenzene          | 11.10 | 284  | 37875    | 40.55 | ng    | 97       |
| 68) Atrazine                   | 11.18 | 200  | 31657    | 41.89 | ng    | 96       |
| 69) Pentachlorophenol          | 11.29 | 266  | 14628    | 39.44 | ng    | 97       |
| 70) Phenanthrene               | 11.52 | 178  | 197993   | 40.83 | ng    | 99       |
| 71) Anthracene                 | 11.57 | 178  | 182565   | 40.68 | ng    | 98       |
| 72) Carbazole                  | 11.72 | 167  | 165235   | 40.65 | ng    | 97       |
| 73) Di-n-butylphthalate        | 12.07 | 149  | 172023   | 36.32 | ng    | 98       |
| 74) Fluoranthene               | 12.72 | 202  | 167394   | 38.15 | ng    | 97       |
| 76) Benzidine                  | 12.84 | 184  | 82466    | 41.50 | ng    | 100      |
| 77) Pyrene                     | 12.96 | 202  | 175965   | 38.68 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.63 | 149  | 58819    | 41.79 | ng    | 90       |
| 80) Benzo(a)anthracene         | 14.26 | 228  | 155041   | 40.83 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 14.23 | 252  | 40994    | 35.95 | ng    | # 93     |
| 82) Chrysene                   | 14.29 | 228  | 148311   | 39.08 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.27 | 149  | 90111    | 37.42 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 15.00 | 149  | 112541   | 38.21 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.43 | 276  | 108795   | 40.35 | ng    | 97       |
| 87) Benzo(b)fluoranthene       | 15.46 | 252  | 138176   | 49.24 | ng    | # 98     |
| 88) Benzo(k)fluoranthene       | 15.49 | 252  | 94436m   | 33.99 | ng    |          |
| 89) Benzo(a)pyrene             | 15.84 | 252  | 102635   | 42.20 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 17.45 | 278  | 88403    | 42.59 | ng    | 100      |
| 91) Benzo(g,h,i)perylene       | 17.87 | 276  | 90016    | 42.64 | ng    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

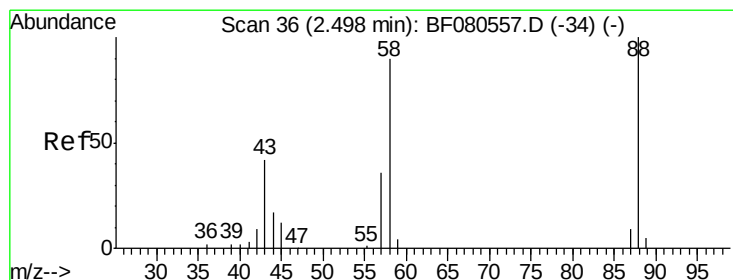
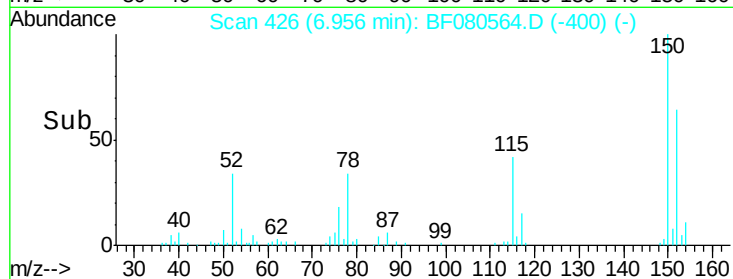
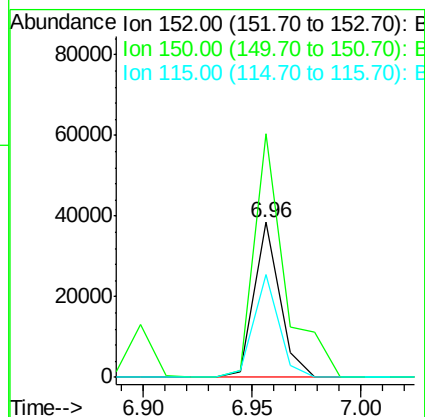
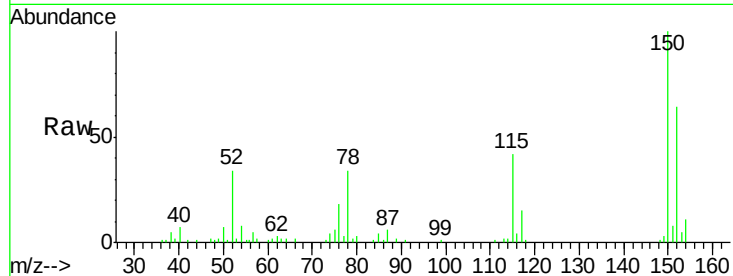
ClientSampleId :

ICVBF072215

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.8 | 128.7 | 193.1 |
| 115     | 66.4  | 56.8  | 85.2  |

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#2

1,4-Dioxane

Concen: 39.06 ng

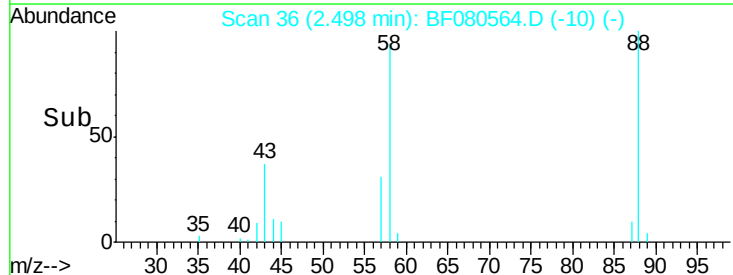
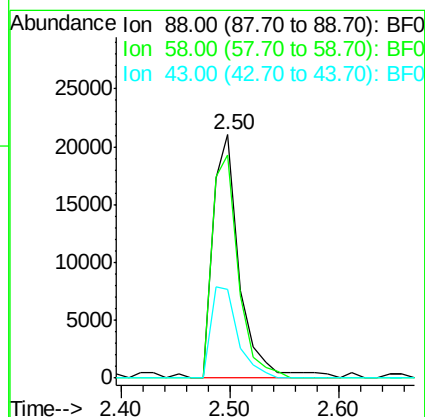
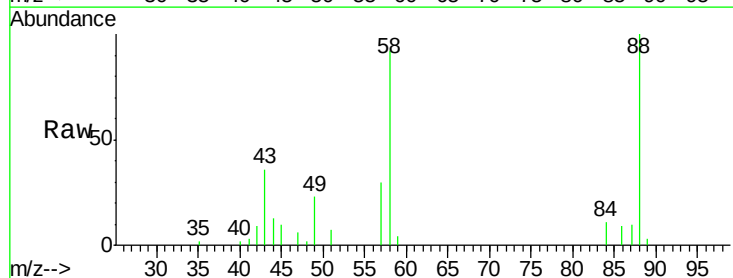
RT: 2.50 min Scan# 36

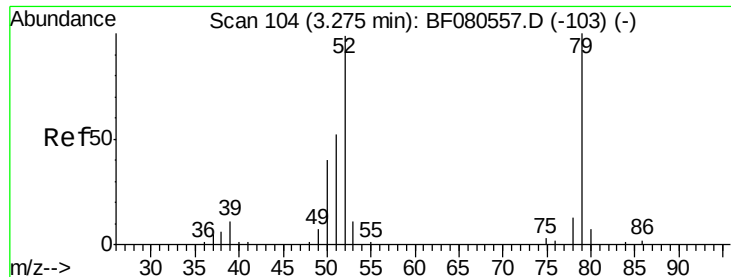
Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 90.1  | 0.0   | 0.0#  |
| 43      | 37.9  | 0.0   | 0.0#  |





#3

Pyridine

Concen: 40.42 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

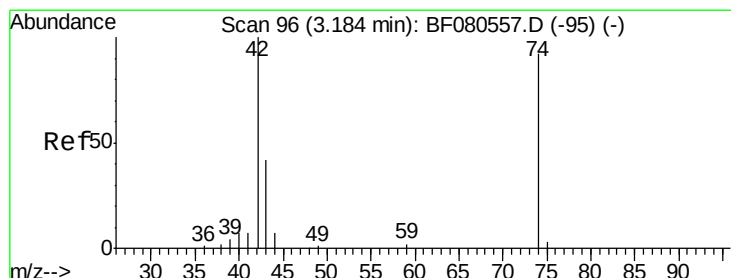
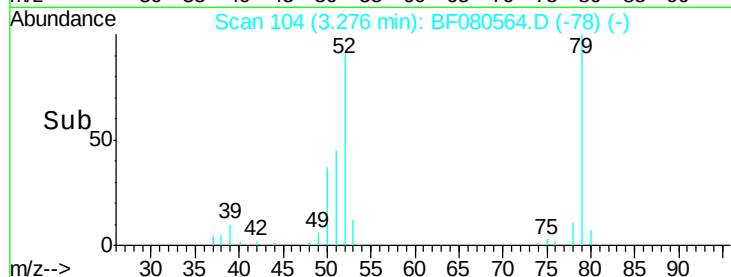
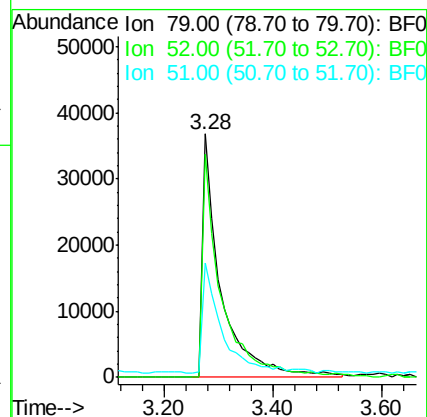
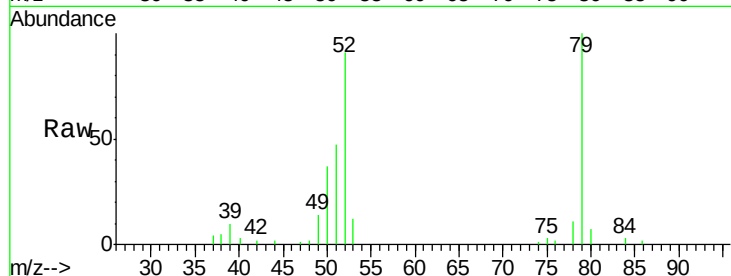
ClientSampleId :

ICVBF072215

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 86260 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 91.5  | 79.6  | 119.4 |
| 51       | 46.8  | 44.5  | 66.7  |

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#4

n-Nitrosodimethylamine

Concen: 39.09 ng

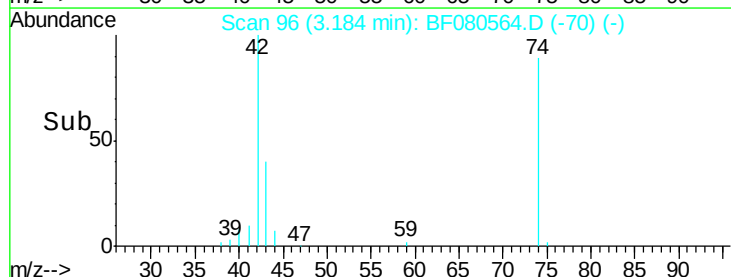
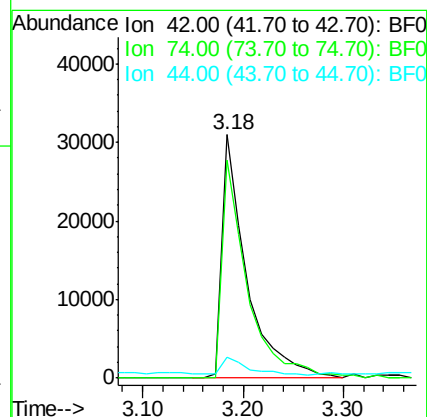
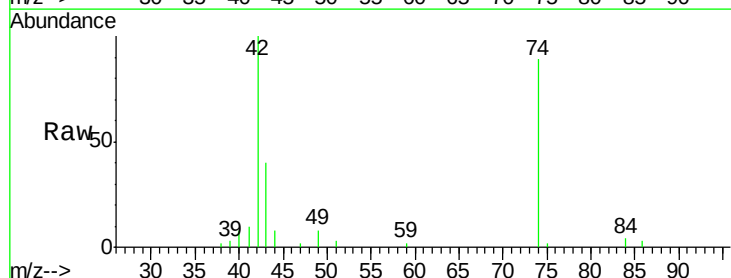
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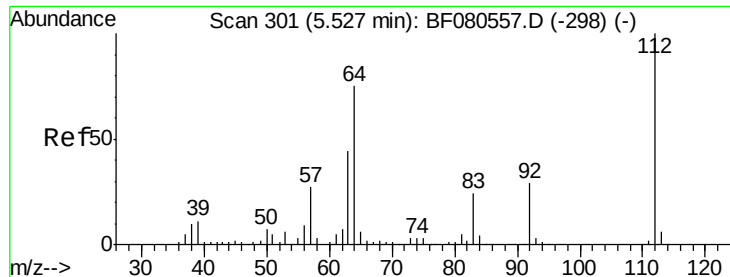
Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 52700 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 89.3  | 72.6  | 108.8 |
| 44       | 8.5   | 10.4  | 15.6  |





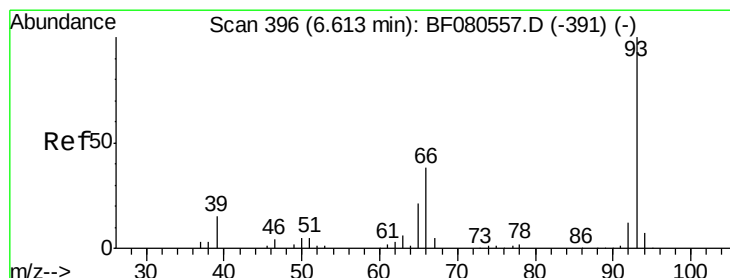
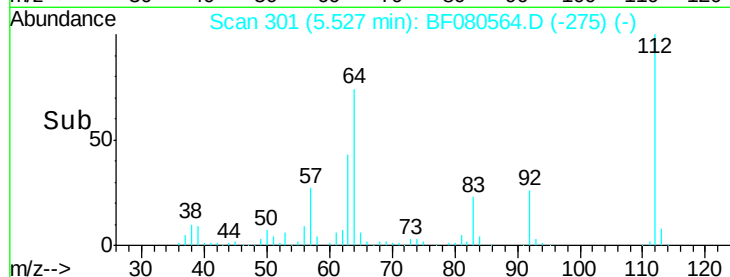
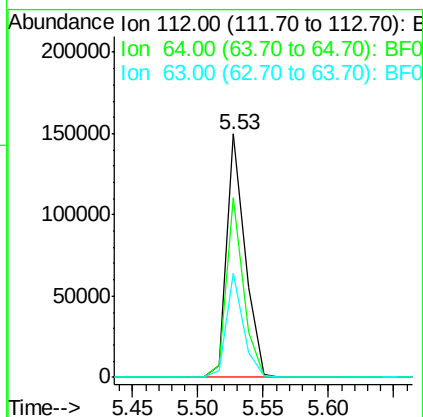
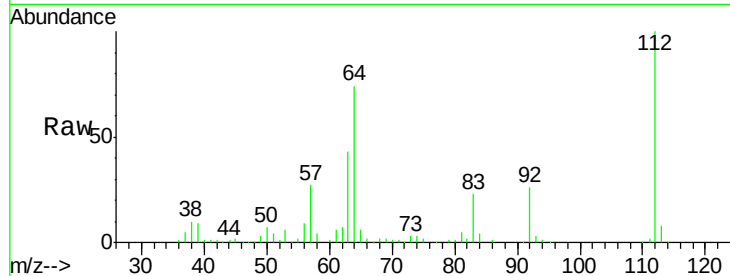
#5  
2-Fluorophenol  
Concen: 83.64 ng  
RT: 5.53 min Scan# 301  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF072215

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 112     | 100   |            |            |
| 64      | 74.0  | 60.2       | 90.2       |
| 63      | 42.9  | 34.8       | 52.2       |

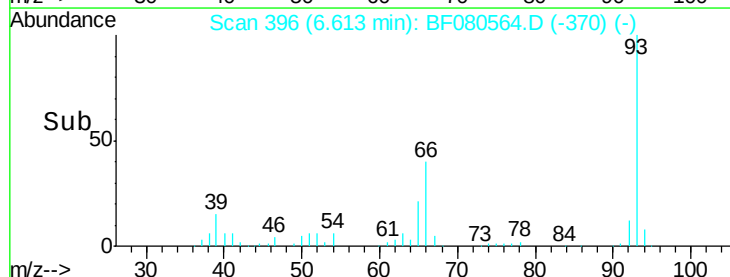
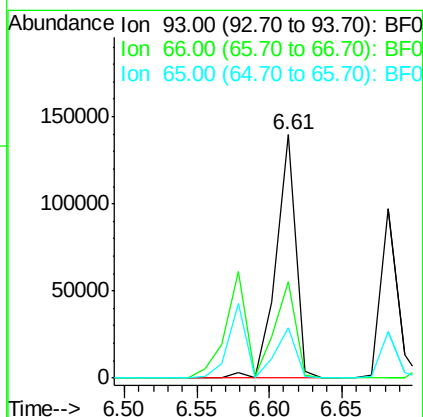
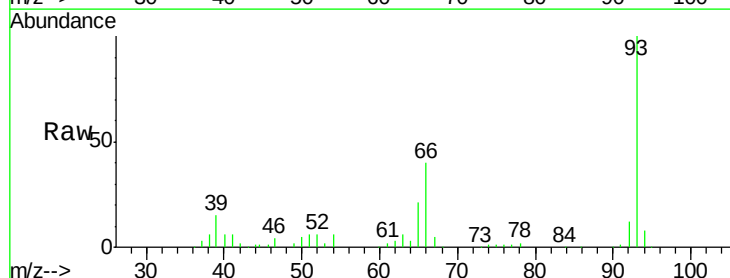
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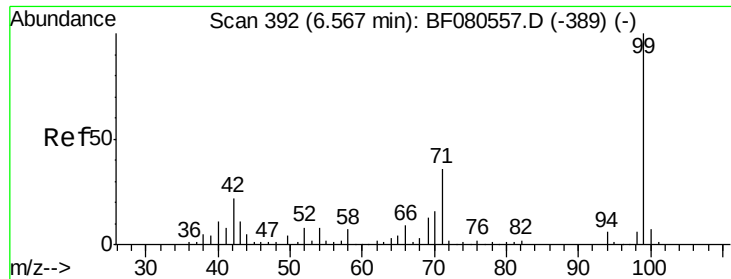
apatel  
7/23/2015 11:50:51 AM



#6  
Aniline  
Concen: 40.06 ng  
RT: 6.61 min Scan# 396  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 93      | 100   |            |            |
| 66      | 39.7  | 33.1       | 49.7       |
| 65      | 20.9  | 17.2       | 25.8       |





#7

Phenol-d6

Concen: 83.40 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.00 min

Lab File: BF080564.D

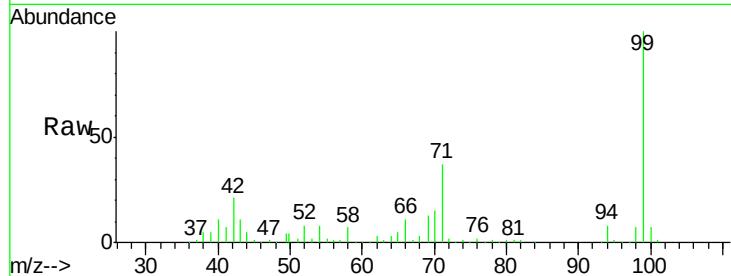
Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

ClientSampleId :

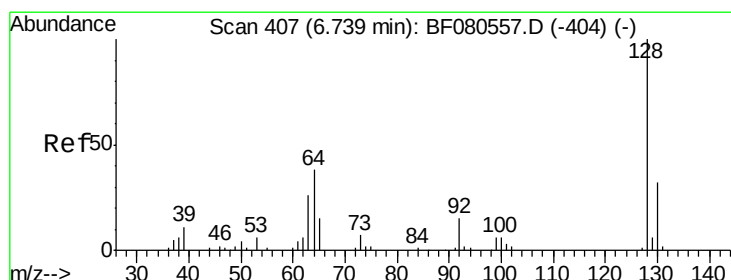
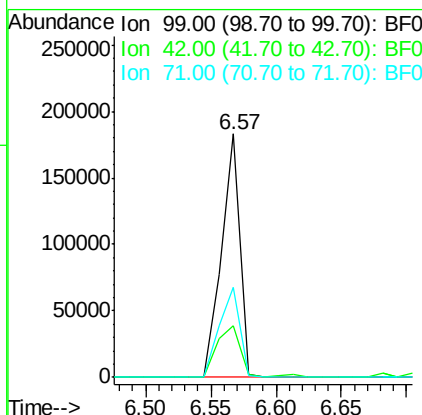
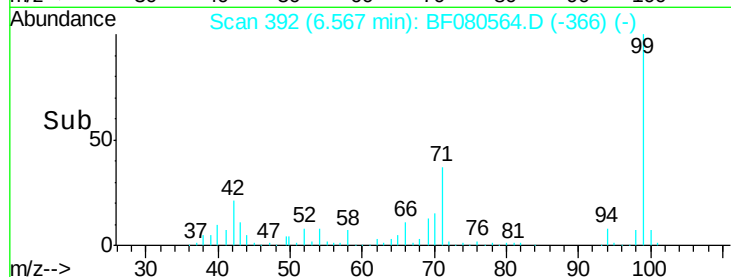
ICVBF072215



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 181610 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 21.2  | 17.4  | 26.2   |
| 71        | 37.2  | 29.0  | 43.6   |

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#8

2-Chlorophenol

Concen: 42.66 ng

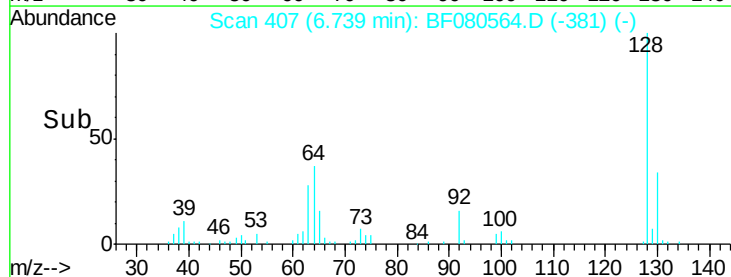
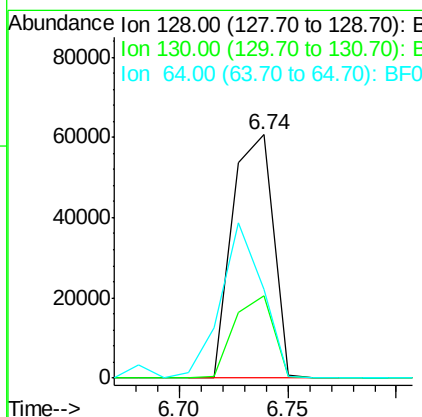
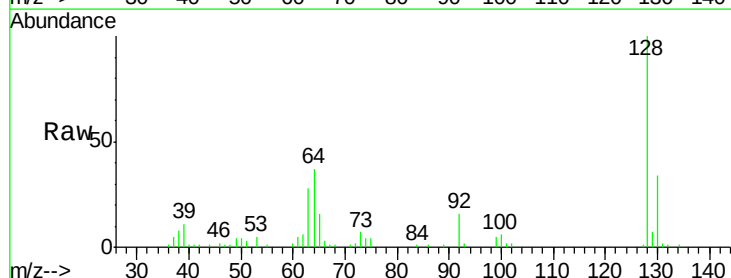
RT: 6.74 min Scan# 407

Delta R.T. 0.00 min

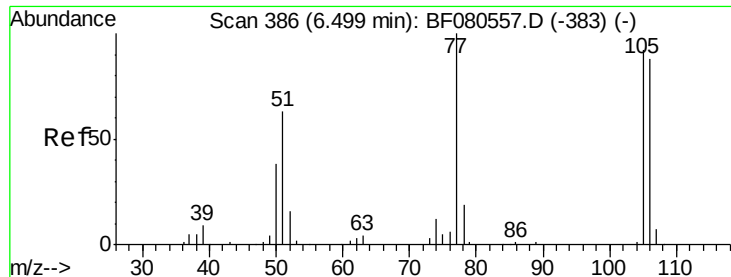
Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 79000 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 33.7  | 11.8  | 51.8  |
| 64        | 36.7  | 20.2  | 60.2  |







#9

Benzaldehyde

Concen: 40.73 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.00 min

Lab File: BF080564.D

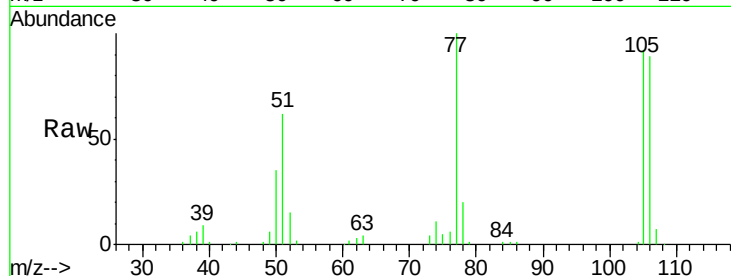
Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

ClientSampleId :

ICVBF072215



Tgt Ion: 77 Resp: 66736

Ion Ratio Lower Upper

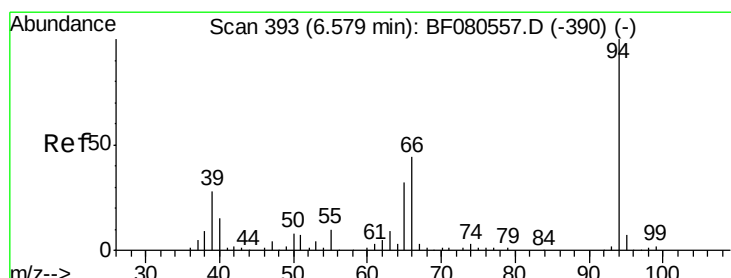
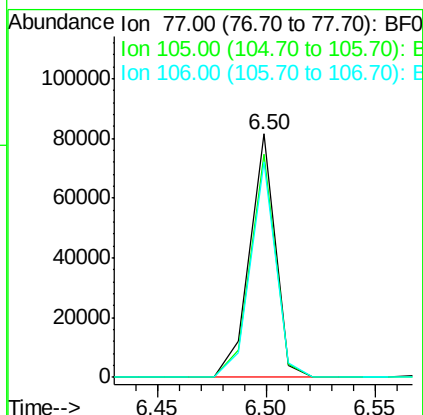
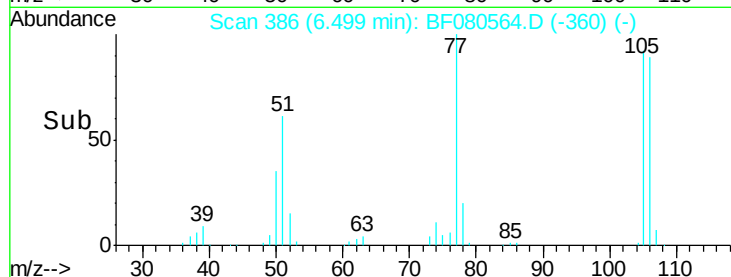
77 100

105 91.8 72.3 112.3

106 88.7 67.5 107.5

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#10

Phenol

Concen: 41.31 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

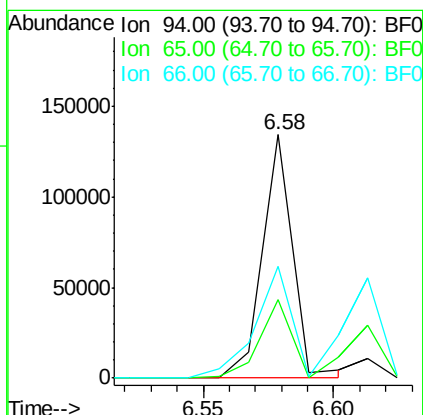
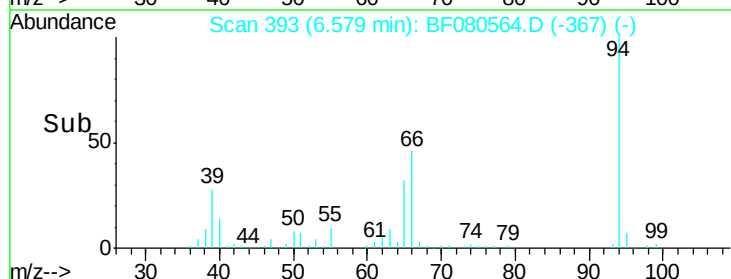
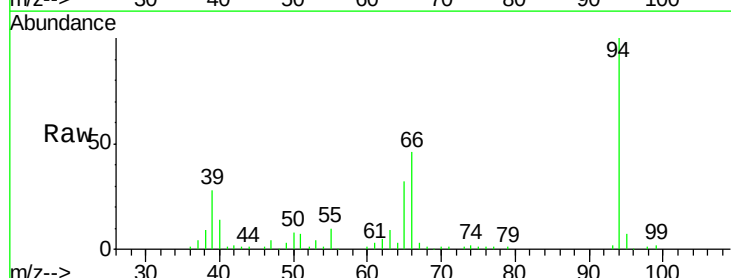
Tgt Ion: 94 Resp: 106998

Ion Ratio Lower Upper

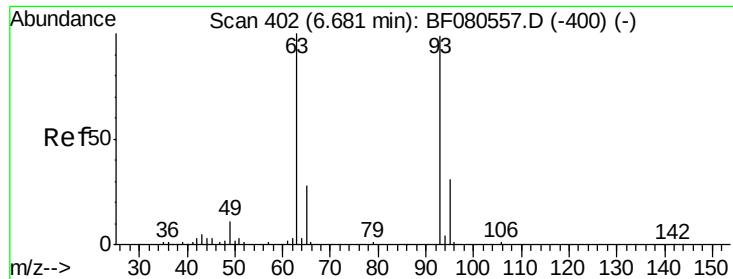
94 100

65 32.1 12.1 52.1

66 45.7 24.3 64.3







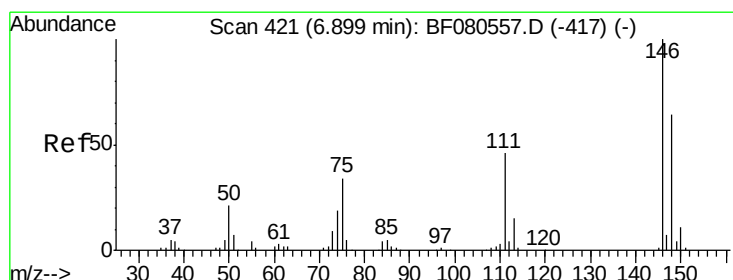
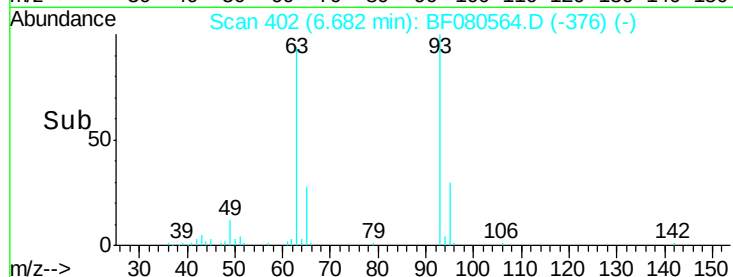
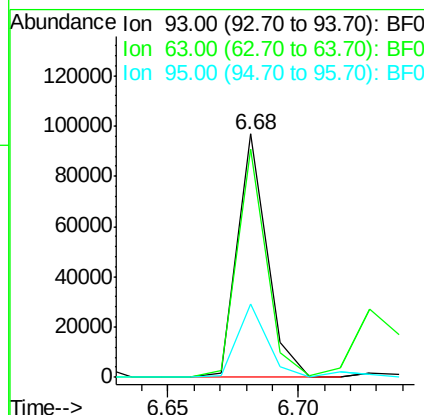
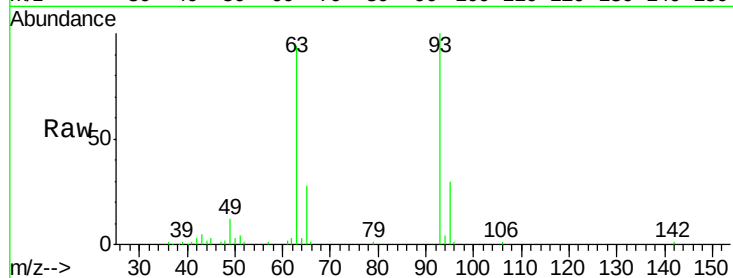
#11  
bis(2-Chloroethyl)ether  
Concen: 41.38 ng  
RT: 6.68 min Scan# 402  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF072215

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 93.5  | 80.5  | 120.5 |
| 95      | 30.4  | 11.2  | 51.2  |

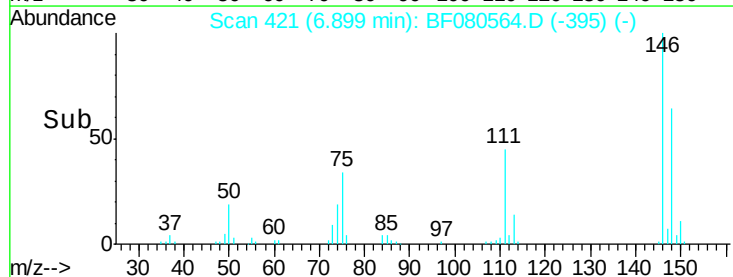
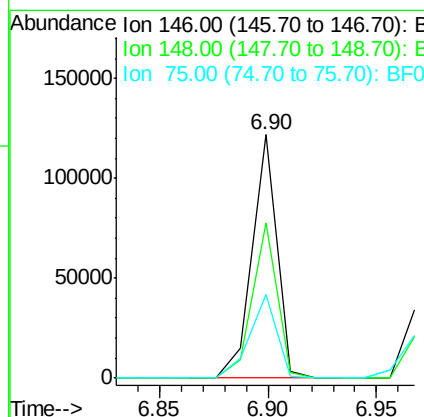
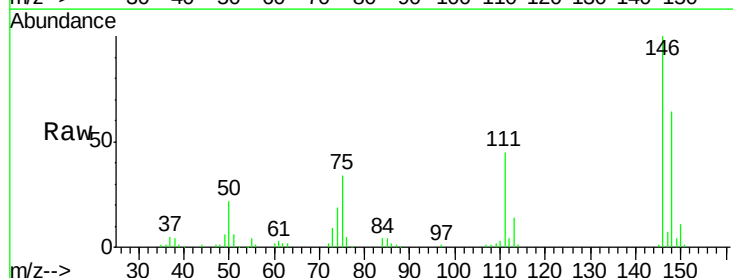
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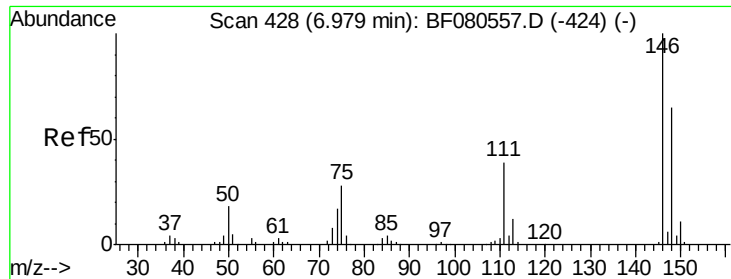
apatel  
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#12  
1,3-Dichlorobenzene  
Concen: 40.17 ng  
RT: 6.90 min Scan# 421  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 50.9  | 76.3  |
| 75      | 34.4  | 27.1  | 40.7  |





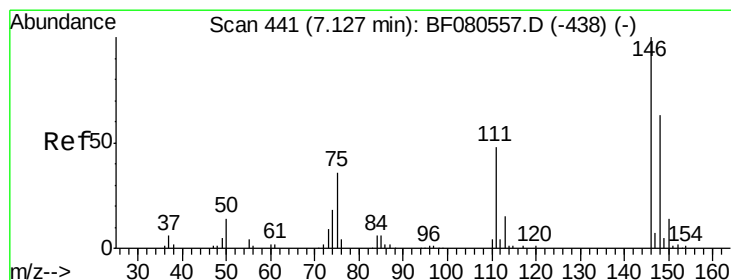
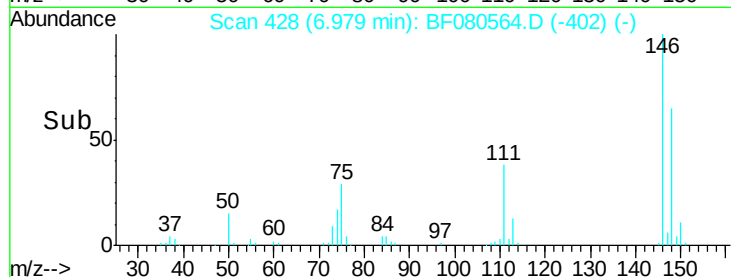
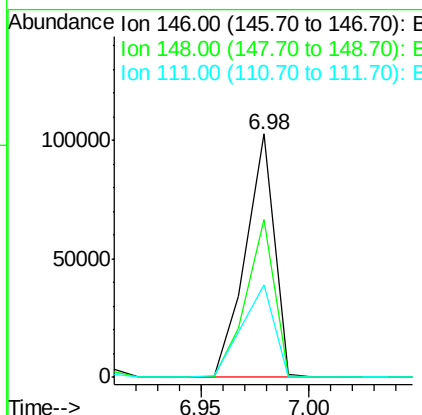
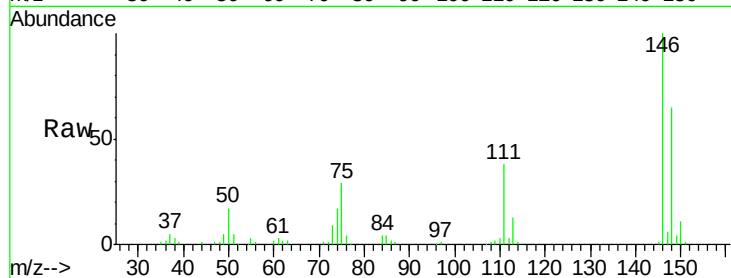
#13  
 1,4-Dichlorobenzene  
 Concen: 41.44 ng  
 RT: 6.98 min Scan# 428  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 146     | 100   | 94563 |       |       |
| 148     | 64.6  | 52.0  | 78.0  |       |
| 111     | 38.3  | 31.4  | 47.2  |       |

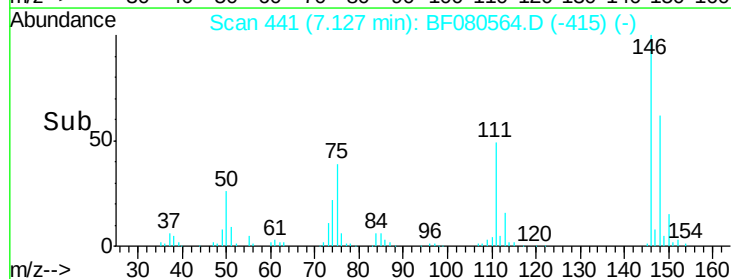
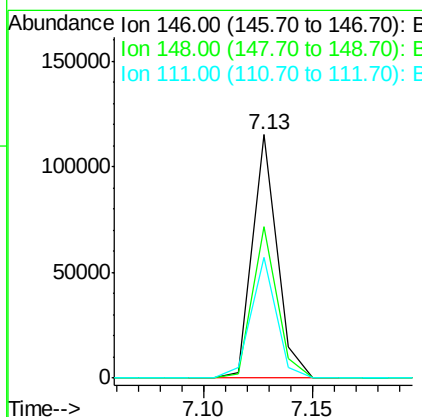
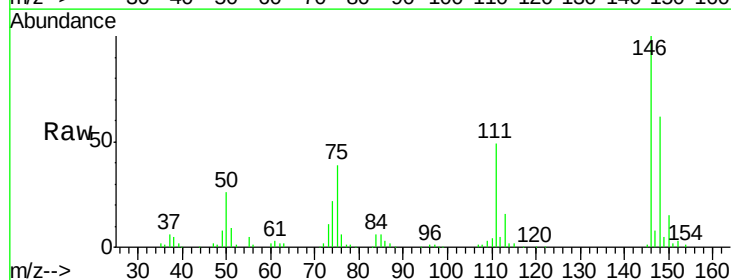
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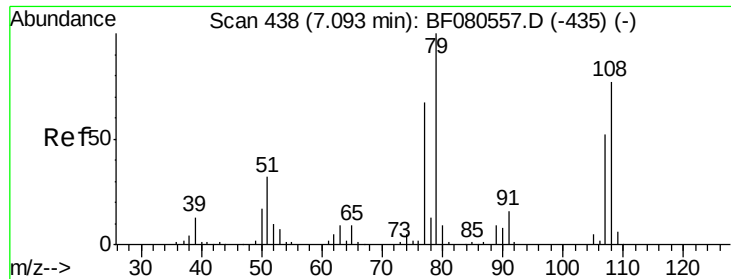
apatel  
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#14  
 1,2-Dichlorobenzene  
 Concen: 41.45 ng  
 RT: 7.13 min Scan# 441  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 146     | 100   | 91225 |       |       |
| 148     | 62.2  | 50.3  | 75.5  |       |
| 111     | 49.4  | 38.2  | 57.2  |       |





#15

Benzyl Alcohol

Concen: 41.49 ng

RT: 7.09 min Scan# 438

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

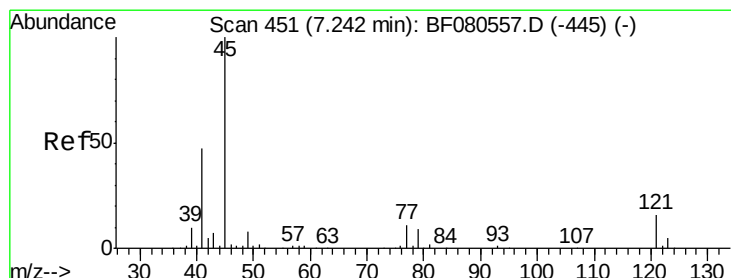
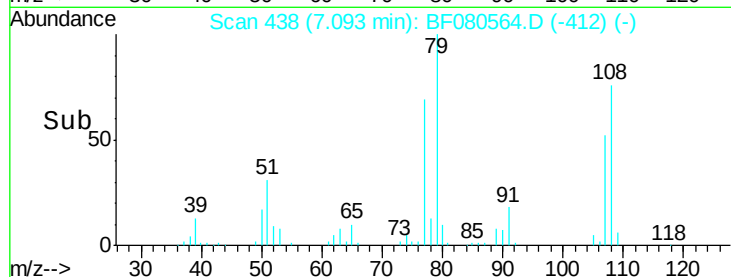
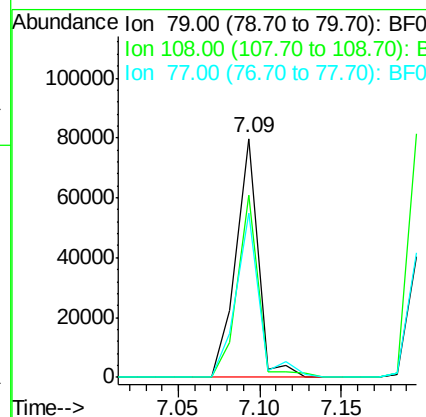
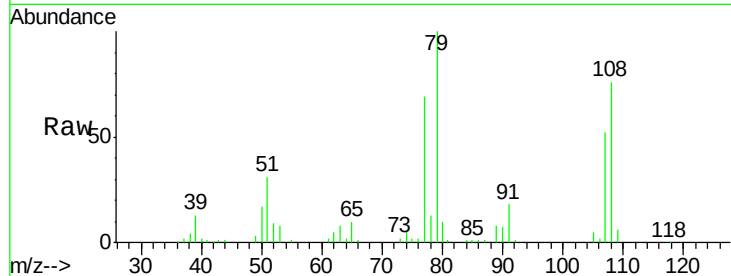
ClientSampleId :

ICVBF072215

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 79    | Resp: | 74805 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 76.2  | 61.5  | 92.3  |
| 77        | 68.5  | 53.6  | 80.4  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.40 ng

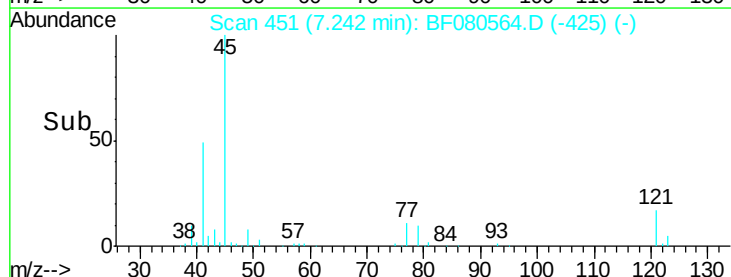
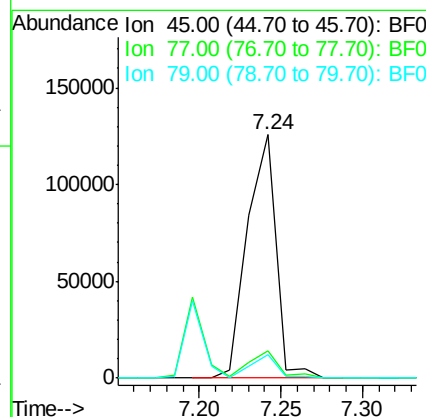
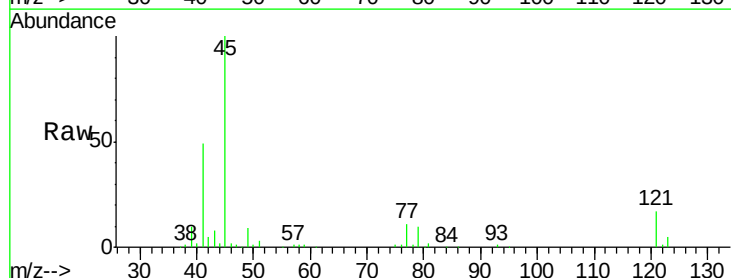
RT: 7.24 min Scan# 451

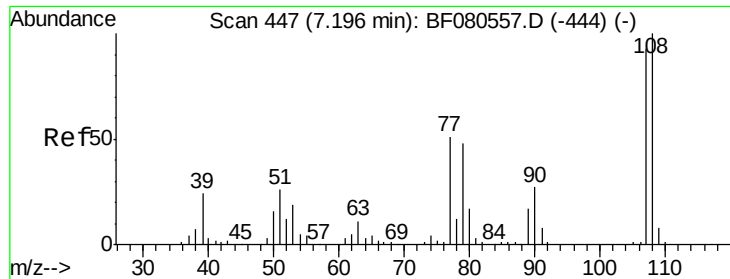
Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 153474 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 11.5  | 0.0   | 30.8   |
| 79        | 9.6   | 0.0   | 28.6   |





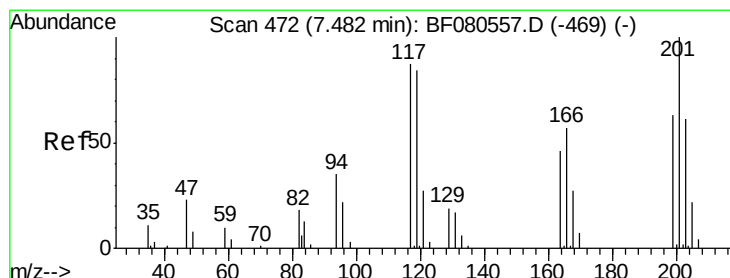
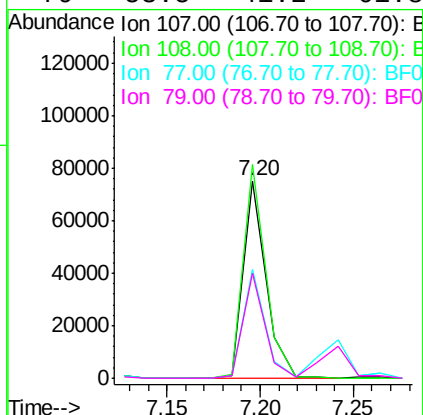
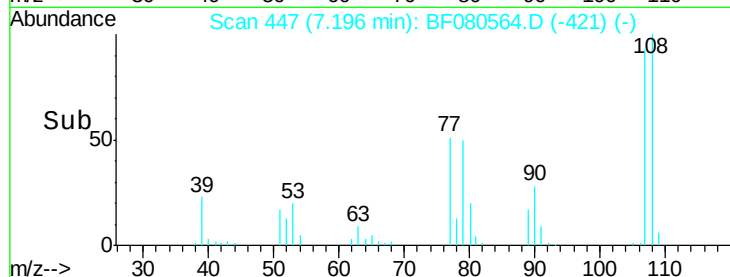
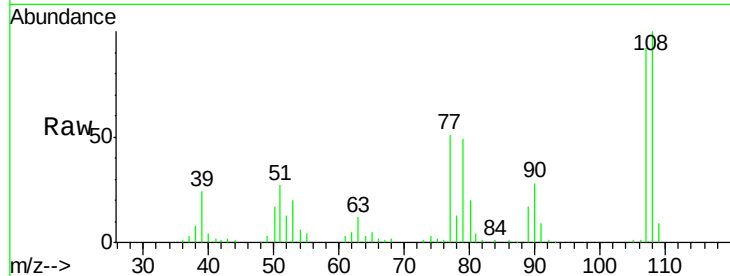
#17  
2-Methylphenol  
Concen: 40.17 ng  
RT: 7.20 min Scan# 447  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF072215

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 63448 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 108.2 | 86.0  | 129.0 |
| 77       | 55.3  | 43.4  | 65.2  |
| 79       | 53.5  | 41.2  | 61.8  |

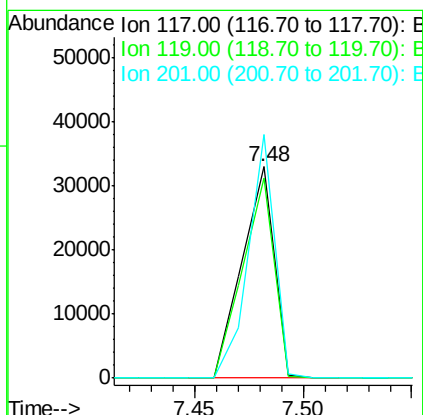
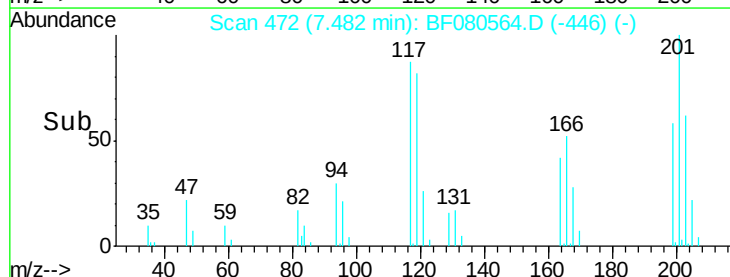
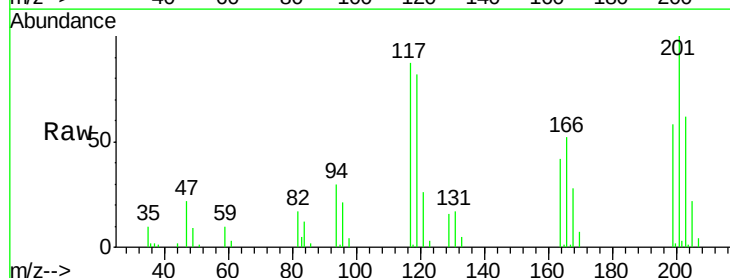
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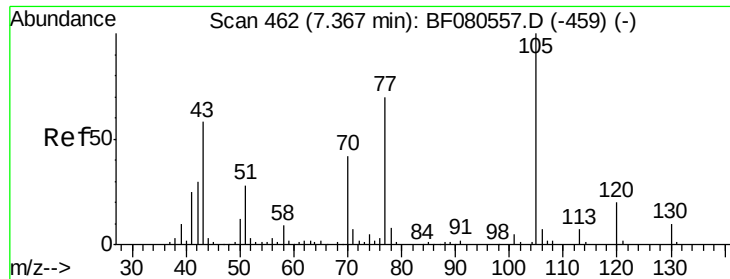
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#18  
Hexachloroethane  
Concen: 42.07 ng  
RT: 7.48 min Scan# 472  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 33845 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 94.7  | 76.5  | 114.7 |
| 201      | 115.1 | 91.6  | 137.4 |





#19

n-Nitroso-di-n-propylamine

Concen: 39.69 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

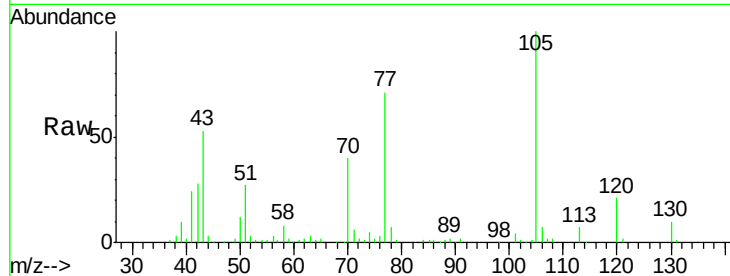
ClientSampleId :

ICVBF072215

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 70    | Resp: | 55511 |
| Ion Ratio | Lower | Upper |       |
| 70        | 100   |       |       |
| 42        | 70.1  | 56.6  | 85.0  |
| 101       | 9.9   | 9.7   | 14.5  |
| 130       | 23.9  | 19.1  | 28.7  |

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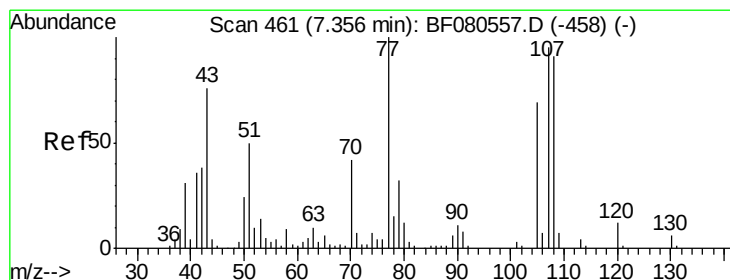
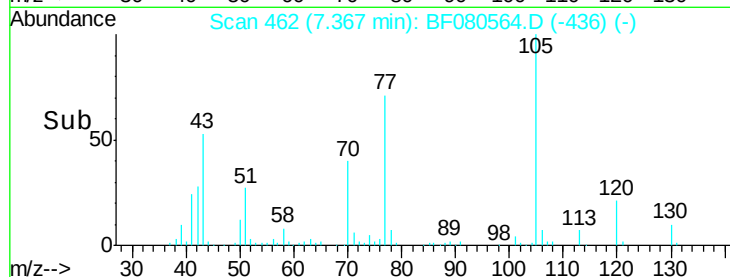
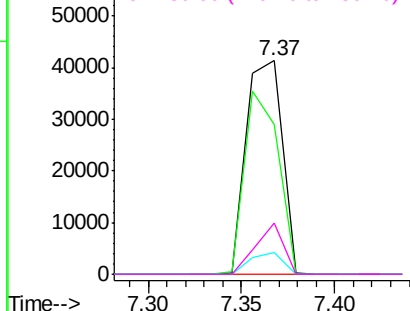
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 41.91 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 107   | Resp: | 83489 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 90.5  | 75.6  | 115.6 |
| 77        | 104.0 | 84.7  | 124.7 |
| 79        | 33.7  | 13.8  | 53.8  |

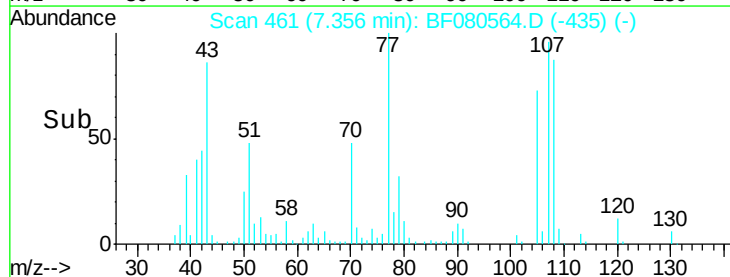
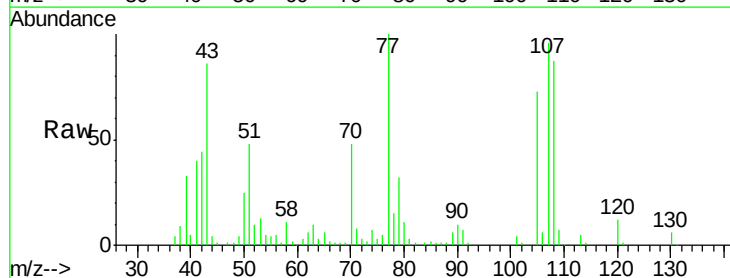
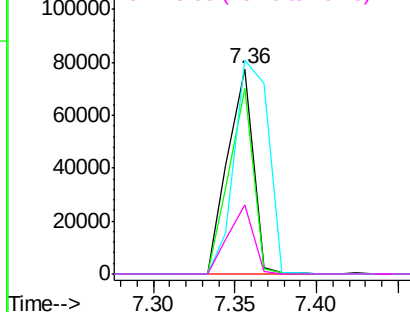
Abundance

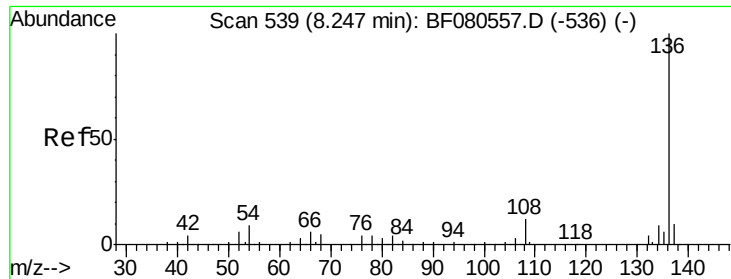
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





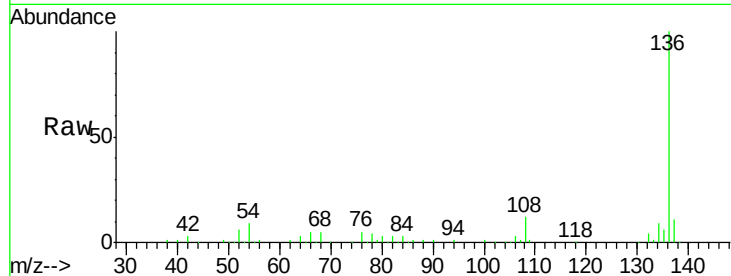
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.25 min Scan# 539  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF072215

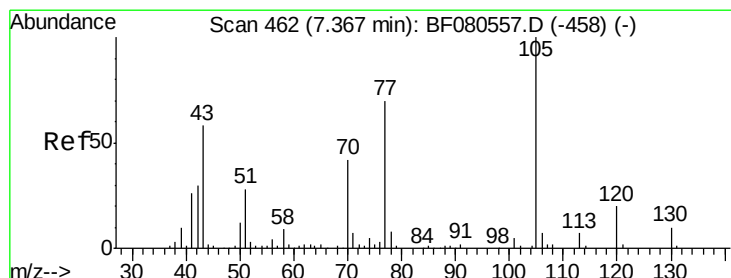
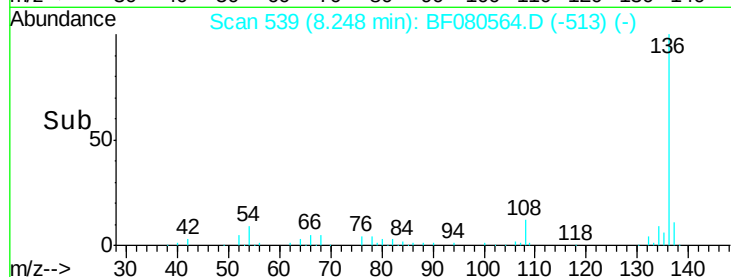
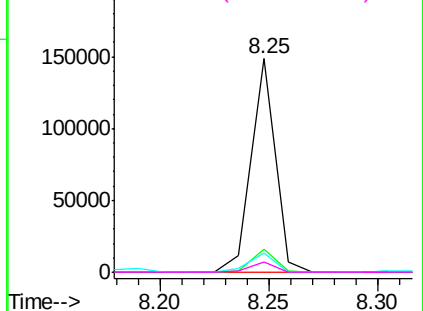
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 114489 |       |       |
| 137     | 10.7  | 7.8    | 11.8  |       |
| 54      | 9.0   | 7.2    | 10.8  |       |
| 68      | 5.1   | 3.8    | 5.6   |       |

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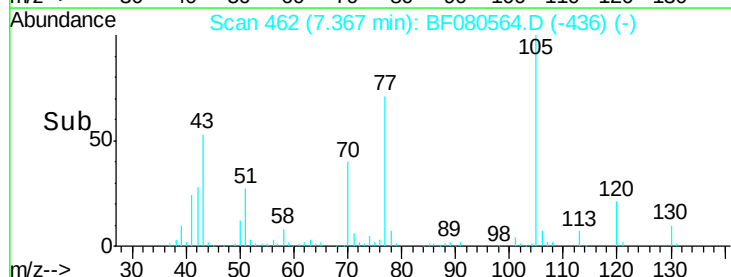
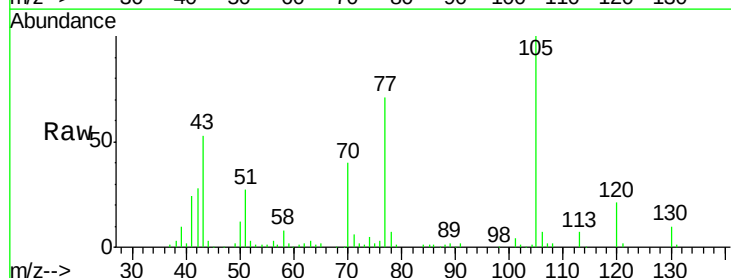
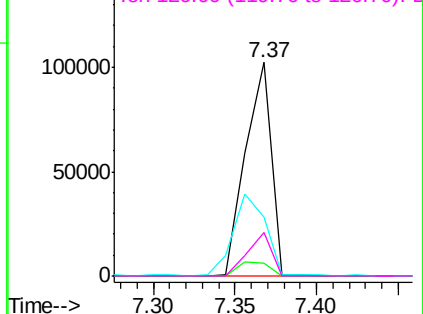
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

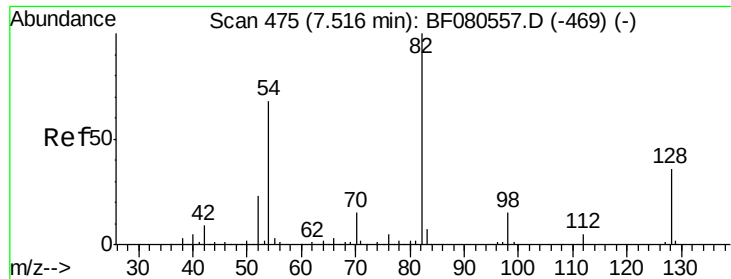


#22  
Acetophenone  
Concen: 40.87 ng  
RT: 7.37 min Scan# 462  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 111705 |       |       |
| 71      | 6.1   | 5.5    | 8.3   |       |
| 51      | 27.3  | 23.0   | 34.4  |       |
| 120     | 20.6  | 15.8   | 23.8  |       |

Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BF0  
Ion 51.00 (50.70 to 51.70): BF0  
Ion 120.00 (119.70 to 120.70): E





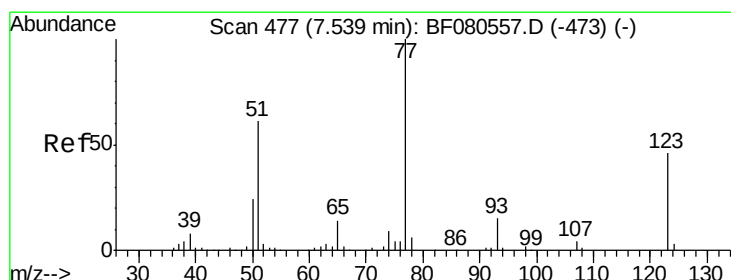
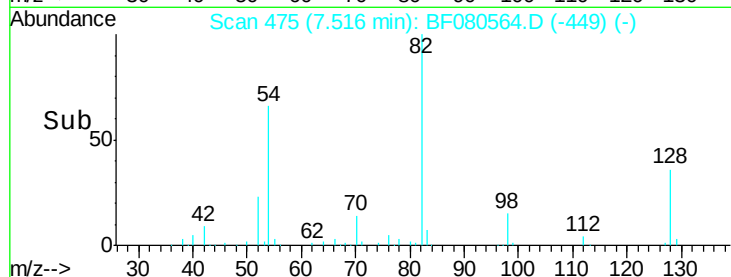
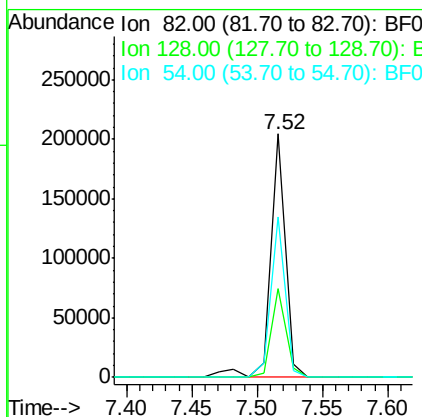
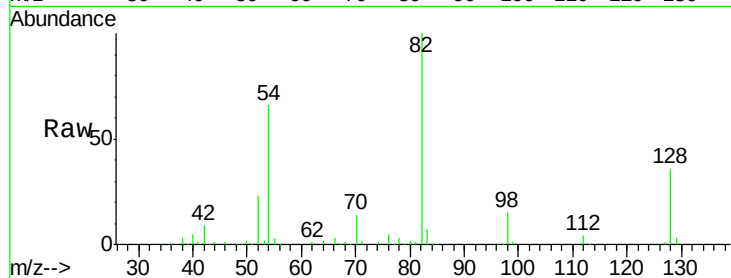
#23  
 Nitrobenzene-d5  
 Concen: 92.47 ng  
 RT: 7.52 min Scan# 475  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 82      | 100   |            |            |
| 128     | 36.4  | 28.9       | 43.3       |
| 54      | 66.1  | 54.5       | 81.7       |

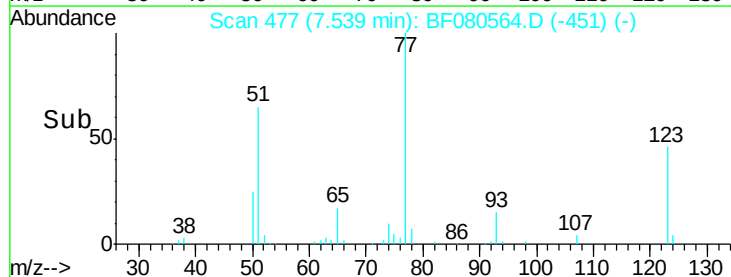
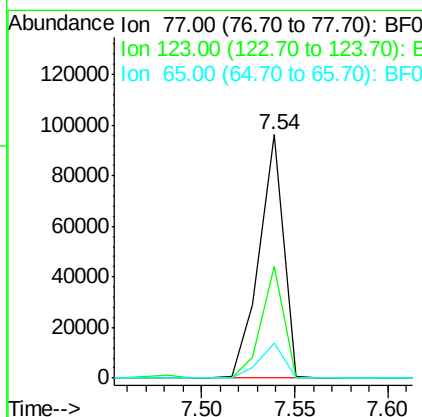
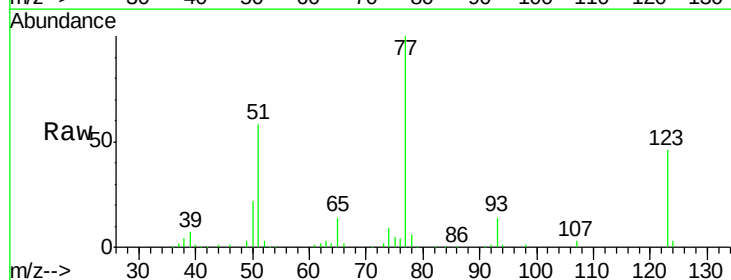
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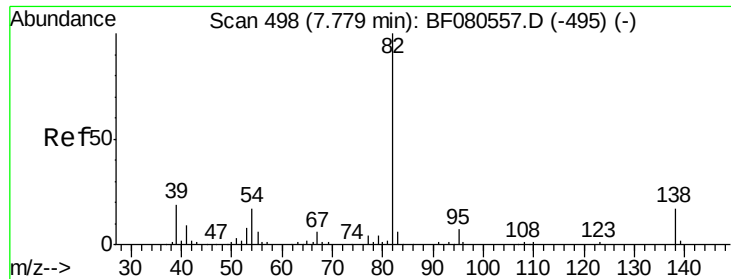


#24  
 Nitrobenzene  
 Concen: 40.68 ng  
 RT: 7.54 min Scan# 477  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 77      | 100   |            |            |
| 123     | 45.9  | 37.1       | 55.7       |
| 65      | 14.4  | 11.4       | 17.2       |







#25

Isophorone

Concen: 40.24 ng

RT: 7.78 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

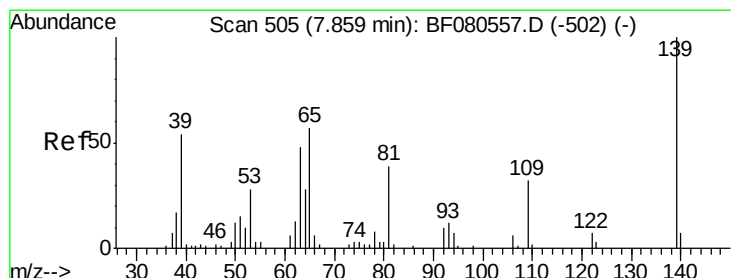
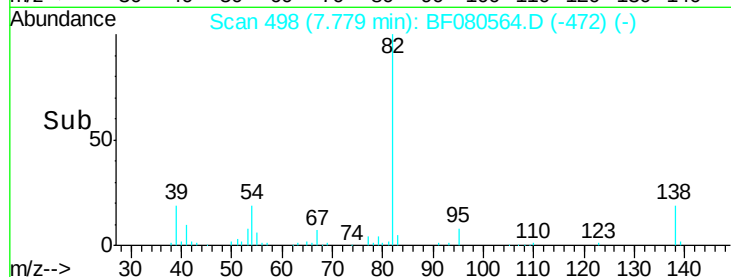
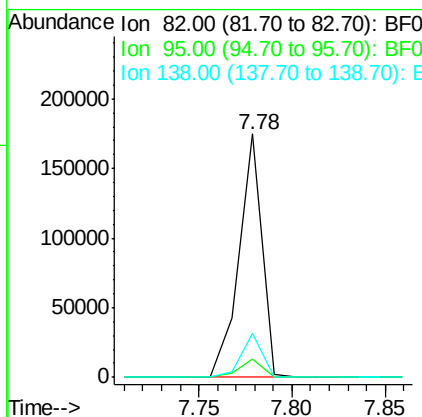
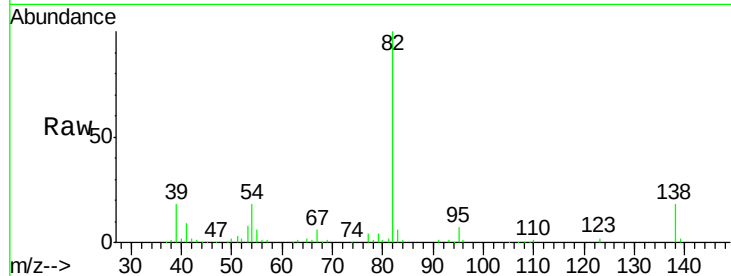
ClientSampleId :

ICVBF072215

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 151061 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.4  | 5.9   | 8.9    |
| 138       | 18.0 | 13.4  | 20.2   |

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#26

2-Nitrophenol

Concen: 44.91 ng

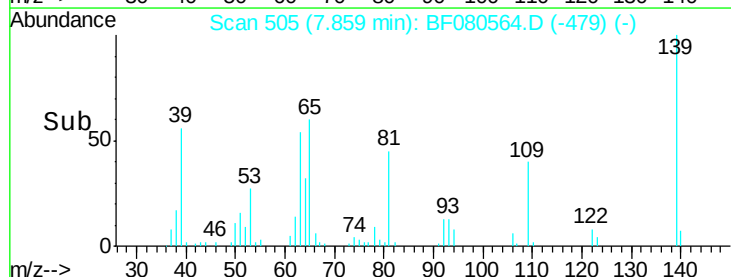
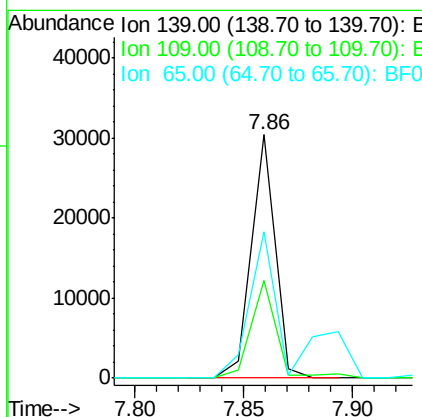
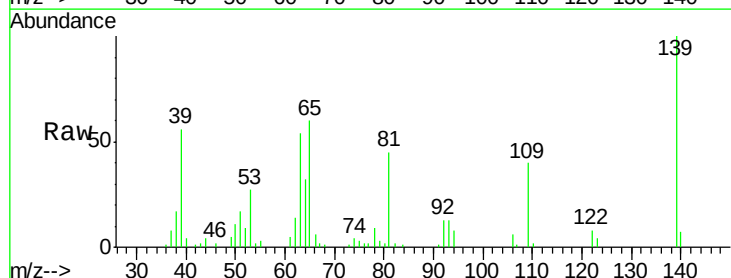
RT: 7.86 min Scan# 505

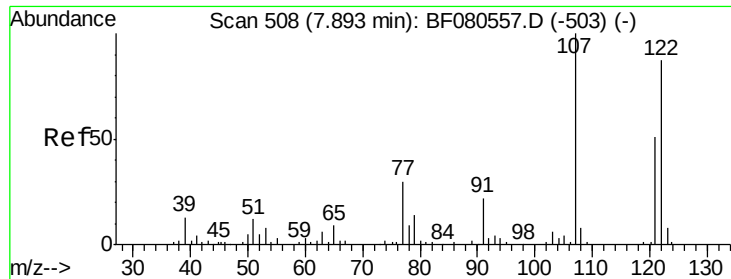
Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 23073 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 39.9 | 26.0  | 39.0# |
| 65        | 59.9 | 45.4  | 68.0  |





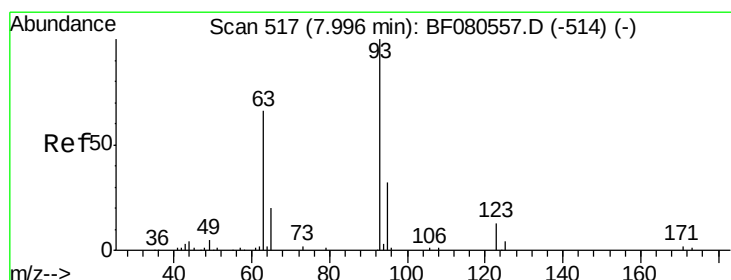
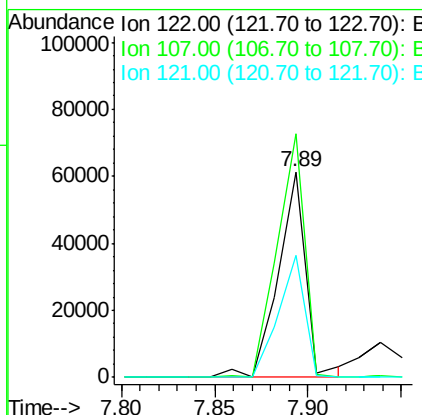
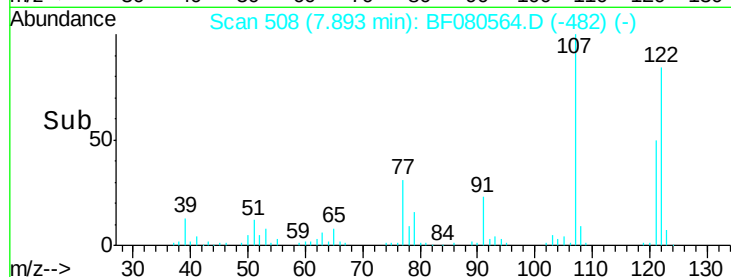
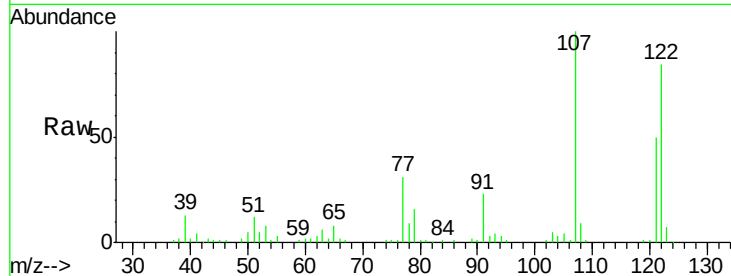
#27  
 2,4-Dimethylphenol  
 Concen: 39.55 ng  
 RT: 7.89 min Scan# 508  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 62864 |       |       |
| 107     | 118.7 | 92.3  | 138.5 |       |
| 121     | 59.8  | 47.1  | 70.7  |       |

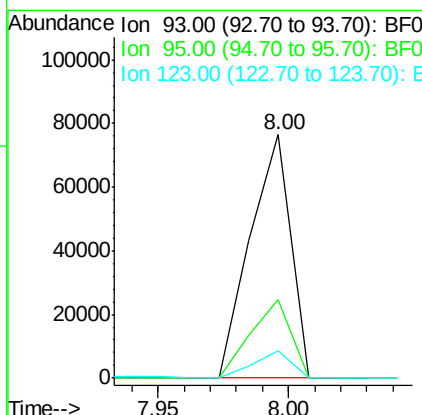
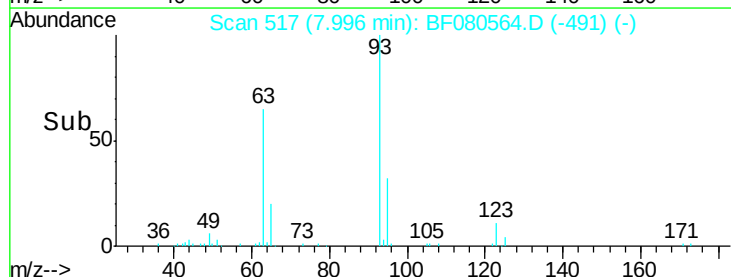
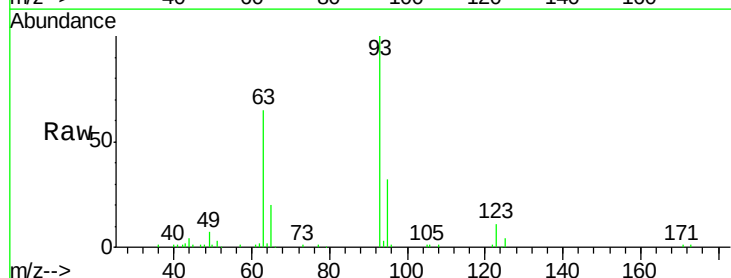
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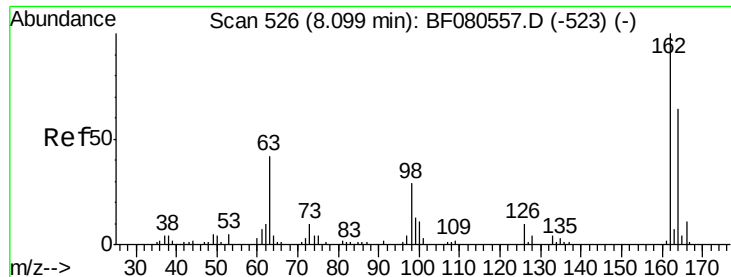
apatel  
 7/23/2015 11:50:51 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 40.72 ng  
 RT: 8.00 min Scan# 517  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 81989 |       |       |
| 95      | 32.2  | 25.9  | 38.9  |       |
| 123     | 11.4  | 10.3  | 15.5  |       |





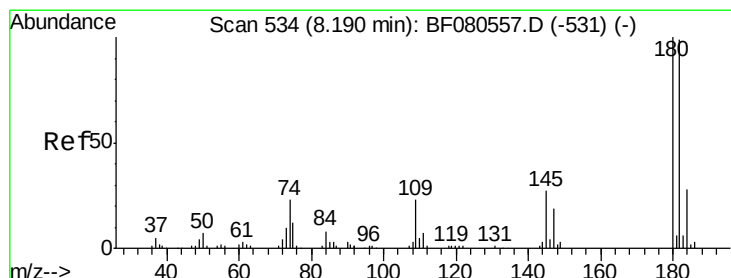
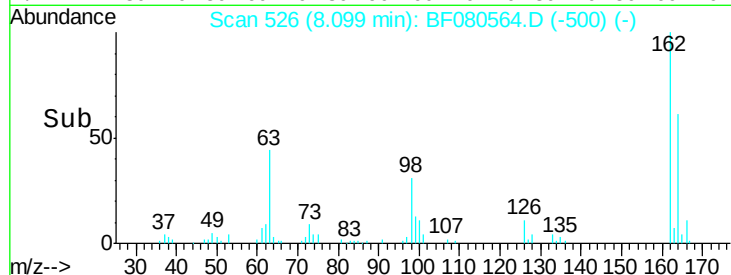
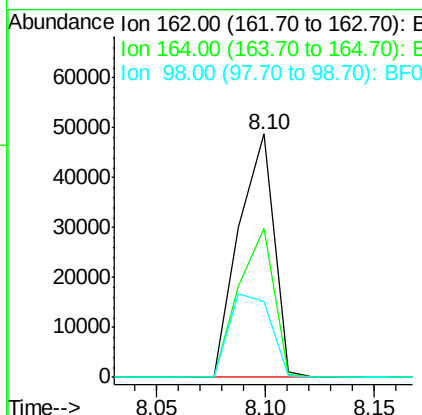
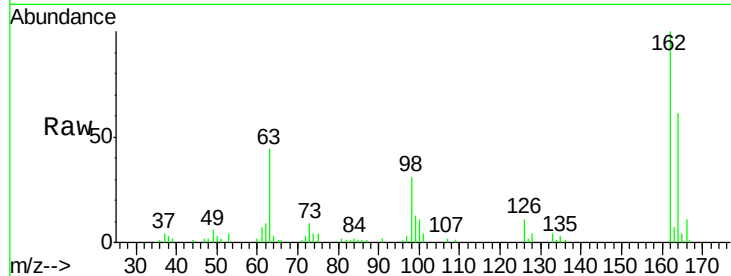
#29  
 2,4-Dichlorophenol  
 Concen: 43.06 ng  
 RT: 8.10 min Scan# 526  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 54697 |       |       |
| 164     | 61.2  | 44.1  | 84.1  |       |
| 98      | 31.0  | 8.9   | 48.9  |       |

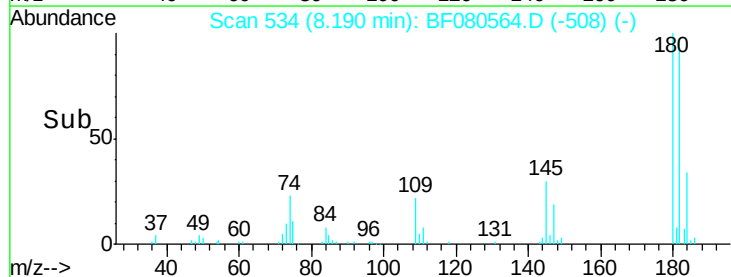
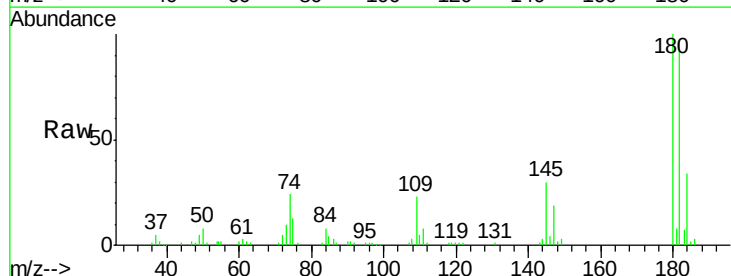
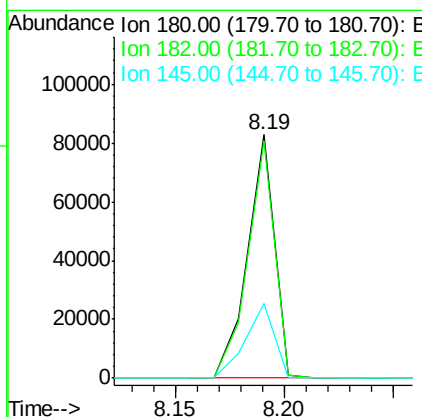
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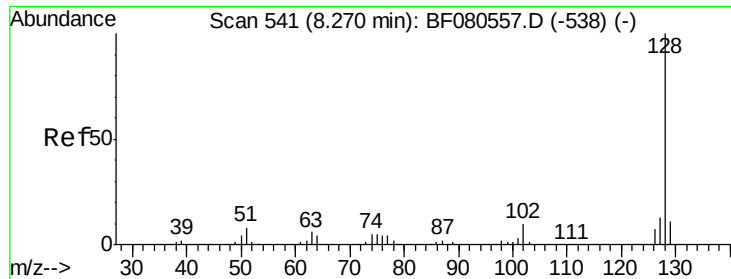
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.18 ng  
 RT: 8.19 min Scan# 534  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 71359 |       |       |
| 182     | 97.4  | 79.0  | 118.4 |       |
| 145     | 30.4  | 22.0  | 33.0  |       |





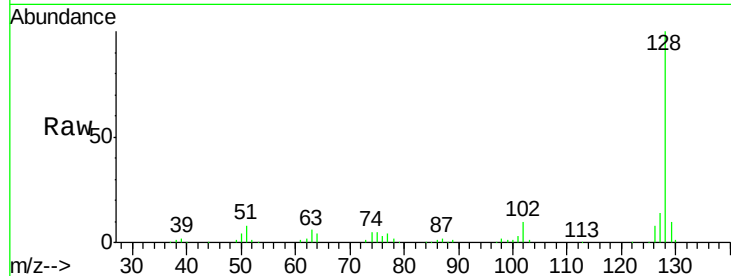
#31  
Naphthalene  
Concen: 40.52 ng  
RT: 8.27 min Scan# 541  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF072215

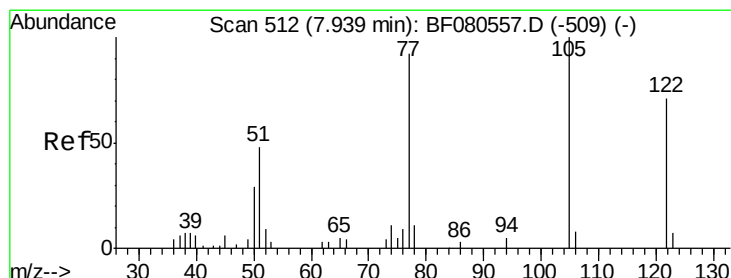
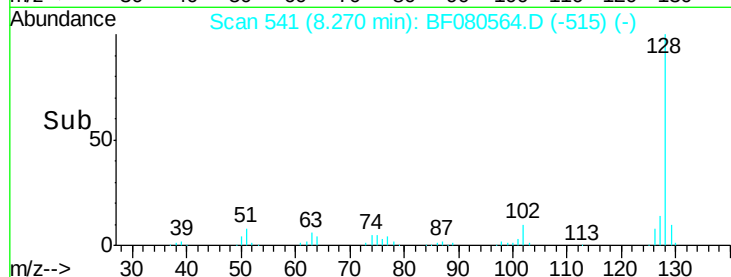
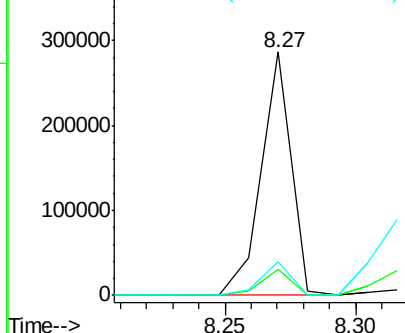
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 128     | 100   |            |            |
| 129     | 10.4  | 8.6        | 13.0       |
| 127     | 13.7  | 10.7       | 16.1       |

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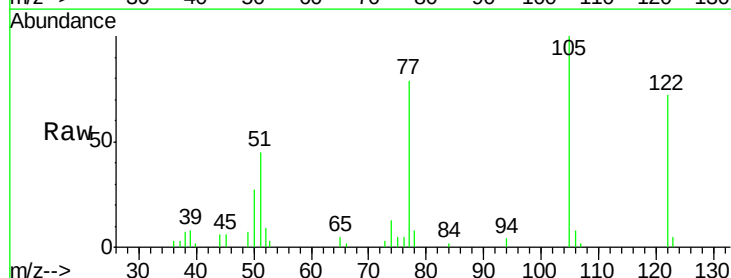


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

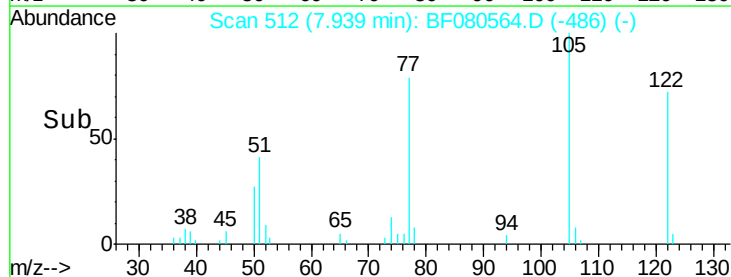
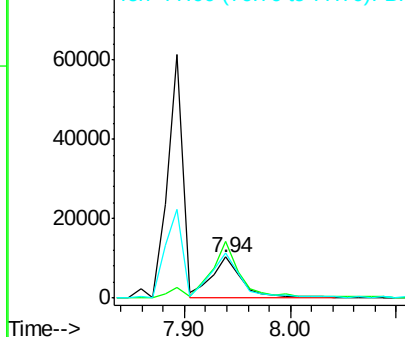


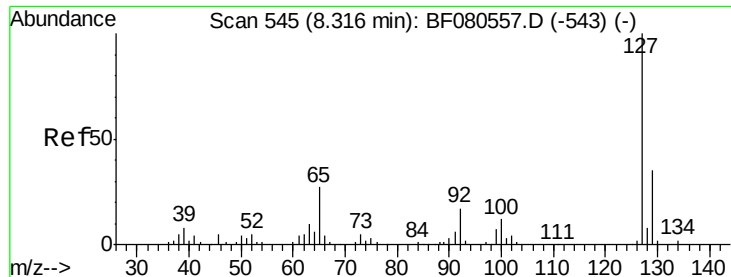
#32  
Benzoic acid  
Concen: 45.08 ng m  
RT: 7.94 min Scan# 512  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 122     | 100   |            |            |
| 105     | 138.2 | 112.5      | 152.5      |
| 77      | 109.6 | 102.5      | 142.5      |



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





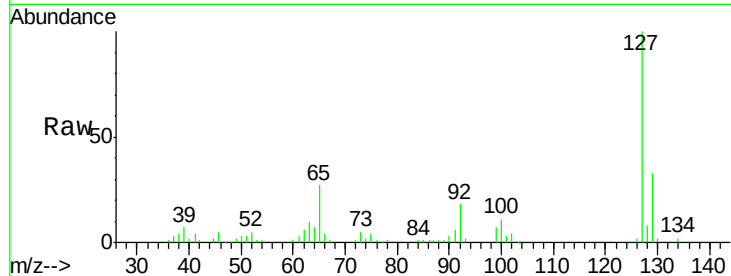
#33  
4-Chloroaniline  
Concen: 40.59 ng  
RT: 8.32 min Scan# 545  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF072215

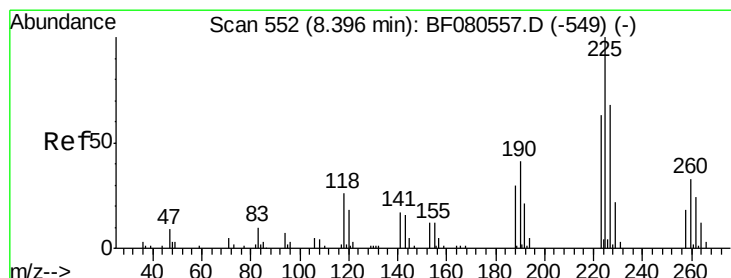
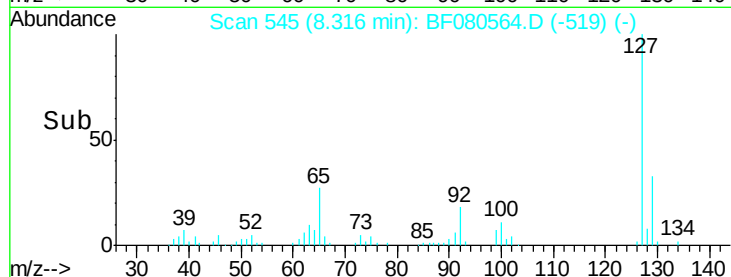
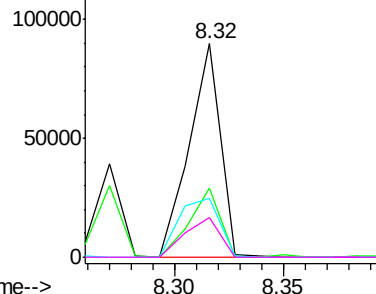
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 88826 |       |       |
| 129     | 32.6  | 27.8  | 41.6  |       |
| 65      | 27.4  | 21.2  | 31.8  |       |
| 92      | 18.4  | 13.9  | 20.9  |       |

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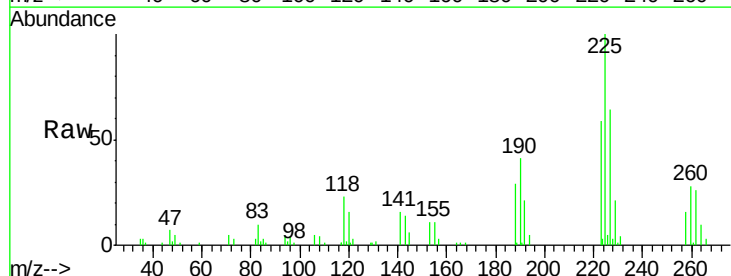


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

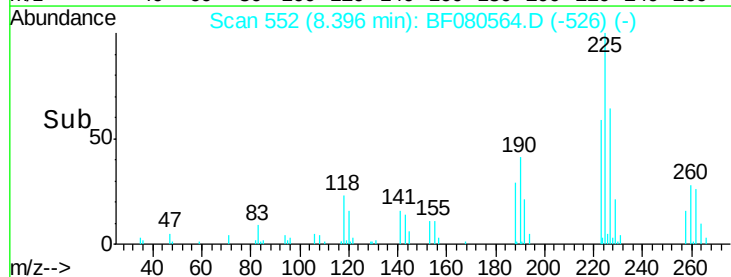
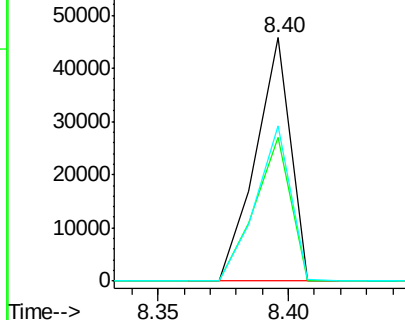


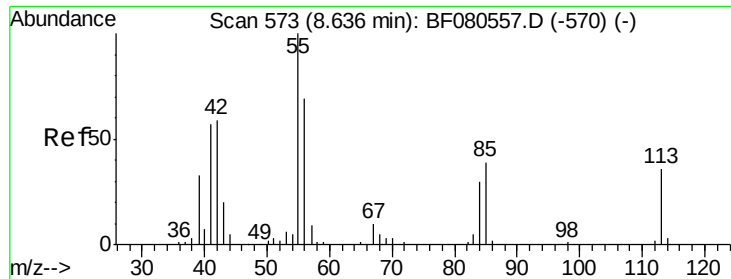
#34  
Hexachlorobutadiene  
Concen: 41.49 ng  
RT: 8.40 min Scan# 552  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 43035 |       |       |
| 223     | 59.1  | 50.3  | 75.5  |       |
| 227     | 63.8  | 54.5  | 81.7  |       |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





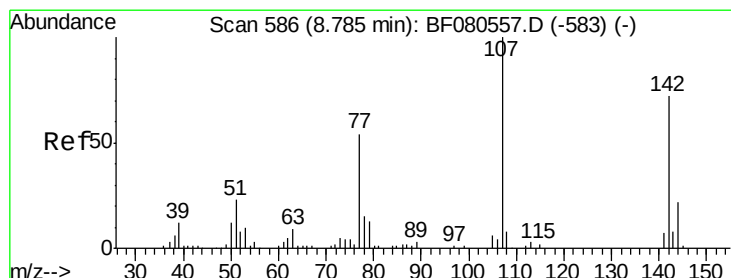
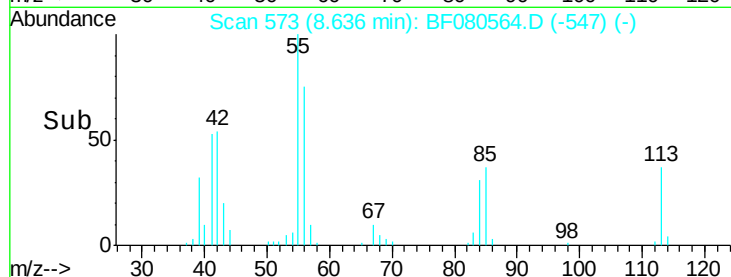
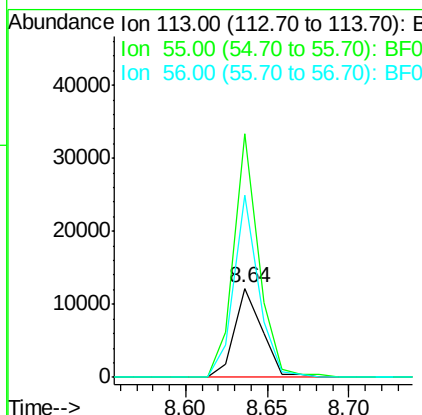
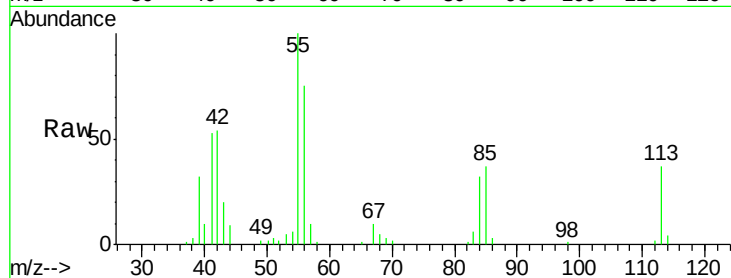
#35  
 Caprolactam  
 Concen: 39.91 ng  
 RT: 8.64 min Scan# 573  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 272.6 | 259.3 | 299.3 |
| 56      | 203.9 | 171.6 | 211.6 |

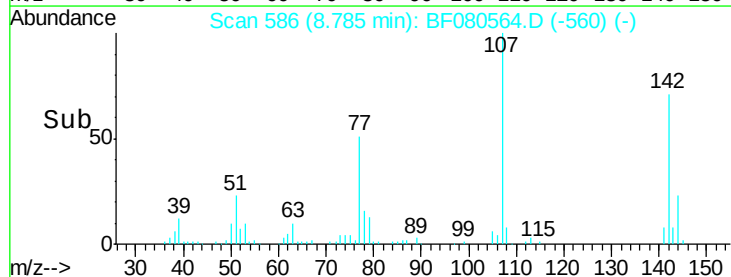
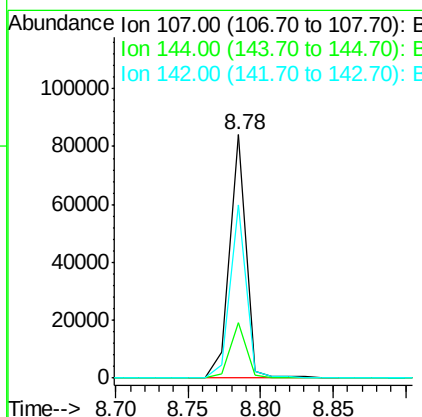
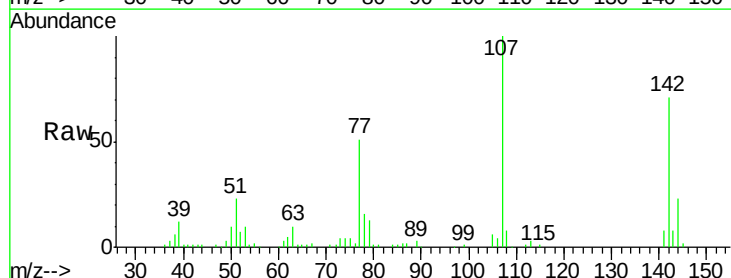
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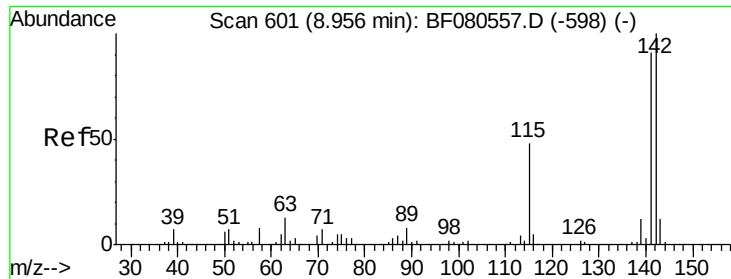
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#36  
 4-Chloro-3-methylphenol  
 Concen: 42.28 ng  
 RT: 8.78 min Scan# 586  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 22.8  | 17.7  | 26.5  |
| 142     | 71.3  | 57.7  | 86.5  |





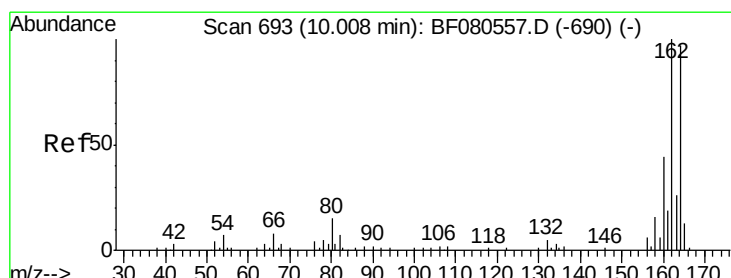
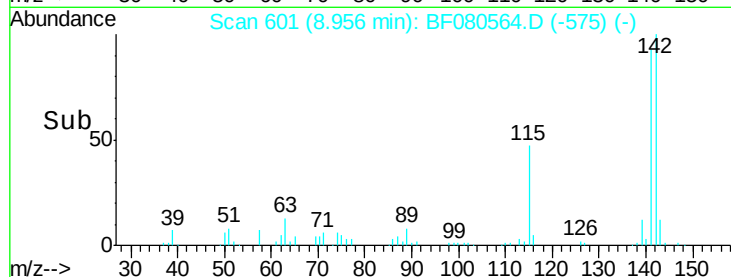
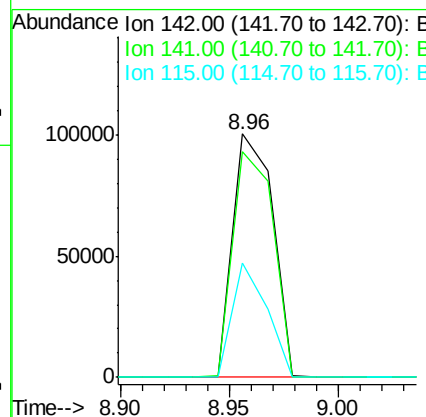
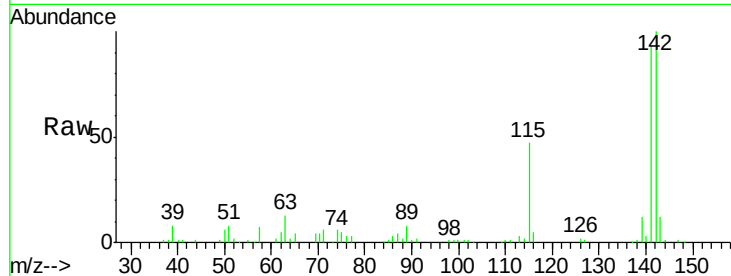
#37  
 2-Methylnaphthalene  
 Concen: 40.07 ng  
 RT: 8.96 min Scan# 601  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 127564 |       |       |
| 141     | 92.7  | 72.6   | 109.0 |       |
| 115     | 47.1  | 38.2   | 57.2  |       |

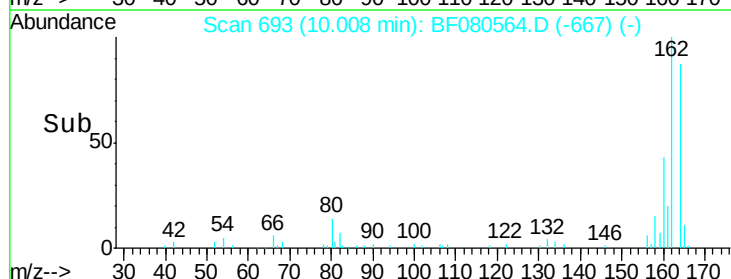
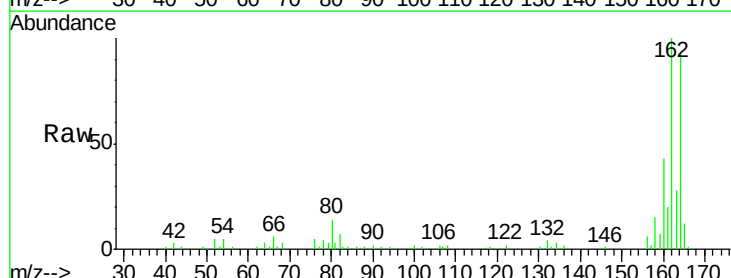
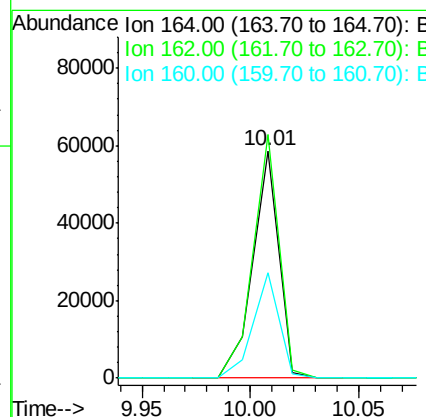
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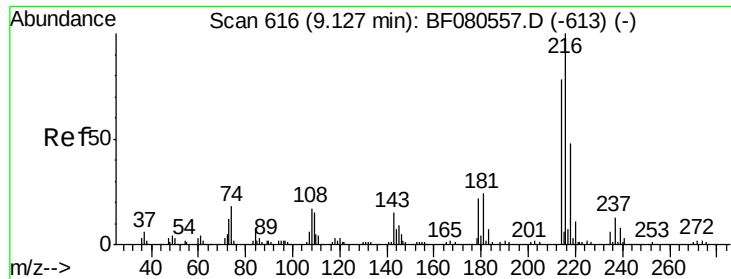
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 10.01 min Scan# 693  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 48752 |       |       |
| 162     | 107.0 | 82.2  | 123.4 |       |
| 160     | 46.1  | 36.1  | 54.1  |       |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.24 ng

RT: 9.13 min Scan# 616

Delta R.T. 0.00 min

Lab File: BF080564.D

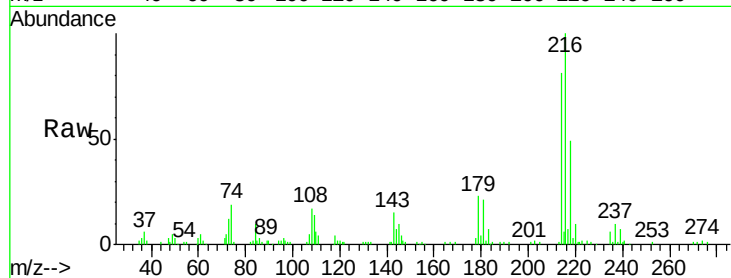
Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

ClientSampled :

ICVBF072215



Tgt Ion:216 Resp: 67264

Ion Ratio Lower Upper

216 100

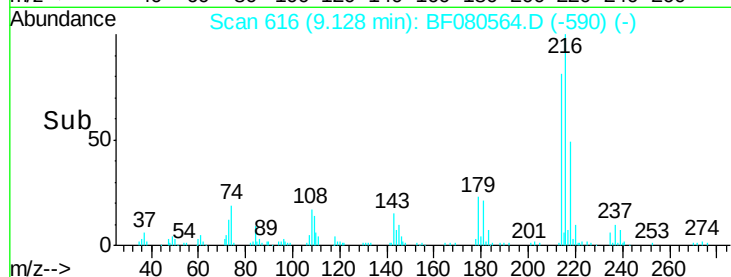
214 80.5 62.6 93.8

179 23.1 18.0 27.0

108 20.9 15.9 23.9

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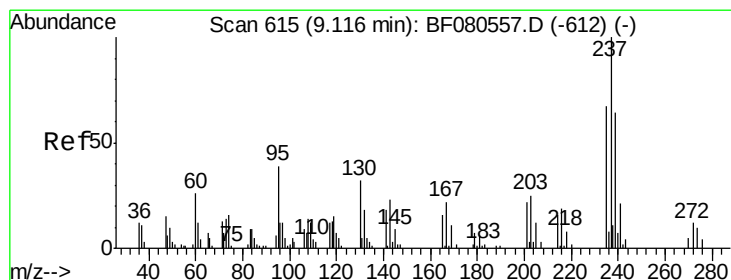
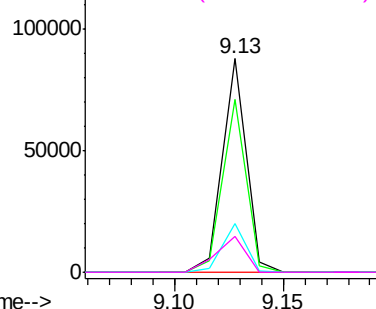


Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.45 ng

RT: 9.12 min Scan# 615

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

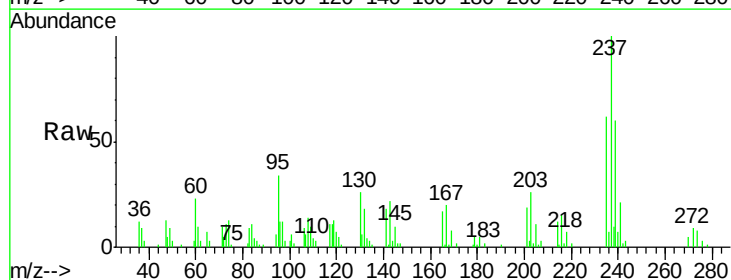
Tgt Ion:237 Resp: 33450

Ion Ratio Lower Upper

237 100

235 62.1 47.3 87.3

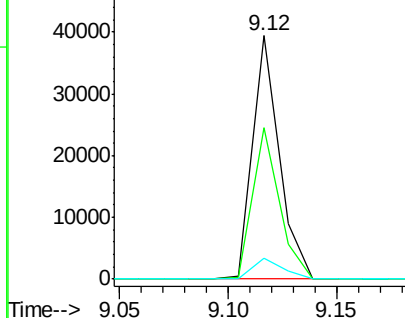
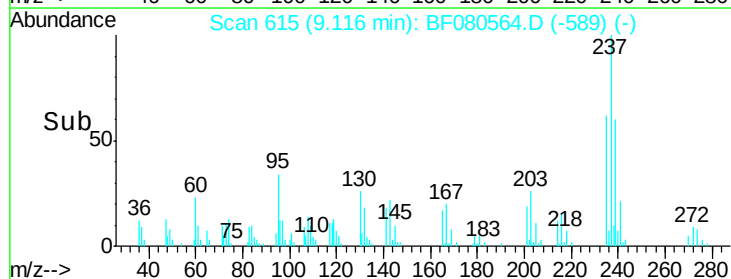
272 8.6 0.0 31.5



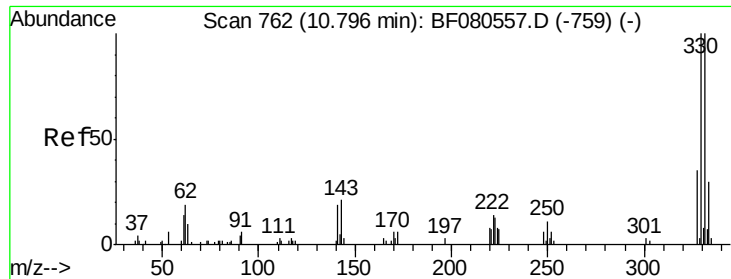
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E







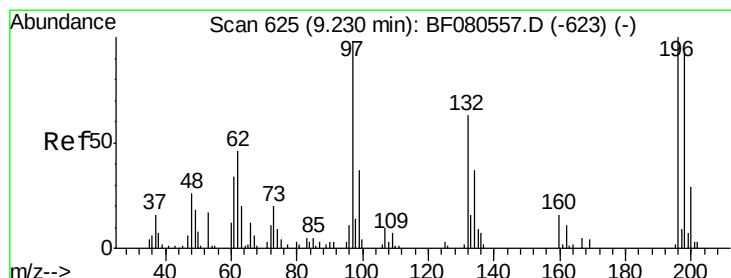
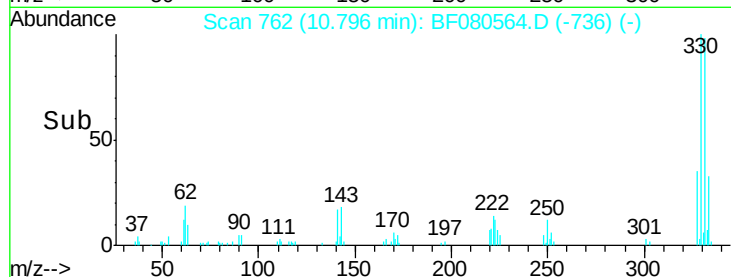
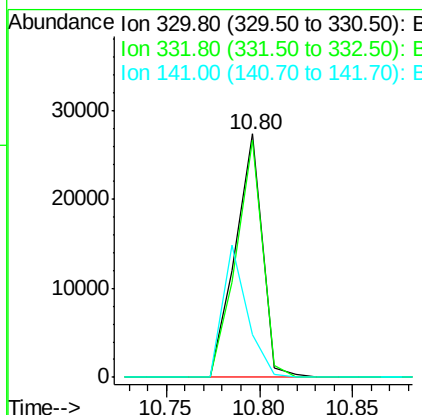
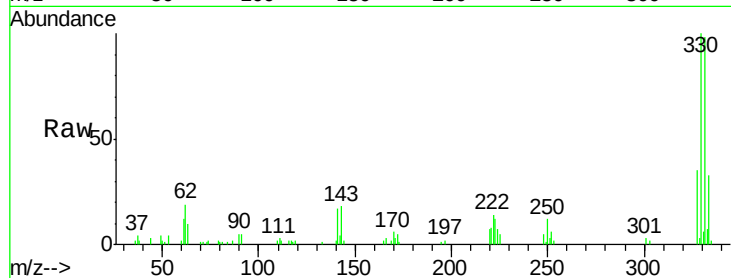
#41  
 2,4,6-Tribromophenol  
 Concen: 79.55 ng  
 RT: 10.80 min Scan# 762  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 27905 |       |       |
| 332     | 95.4  | 78.3  | 117.5 |       |
| 141     | 49.2  | 37.9  | 56.9  |       |

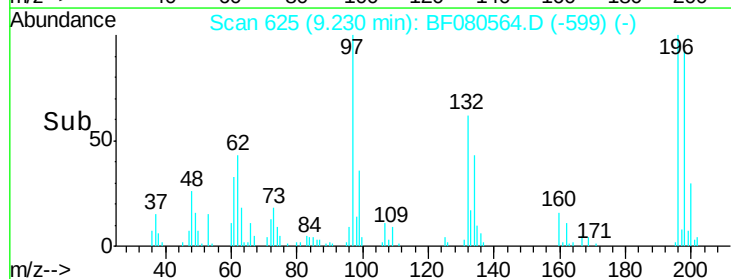
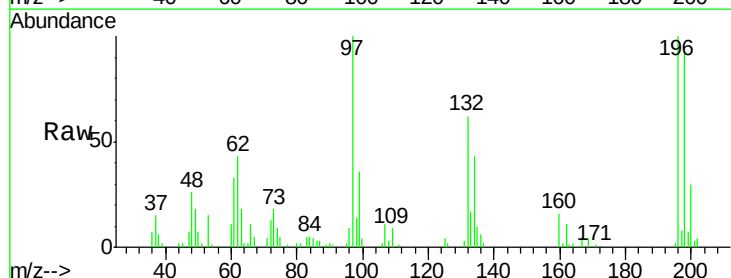
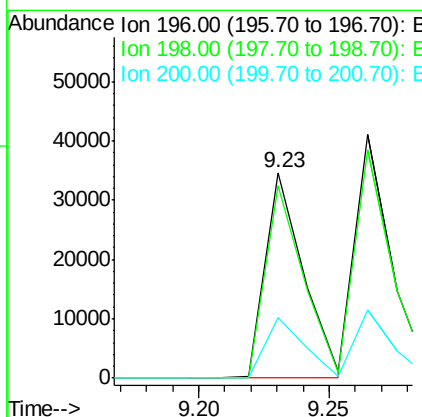
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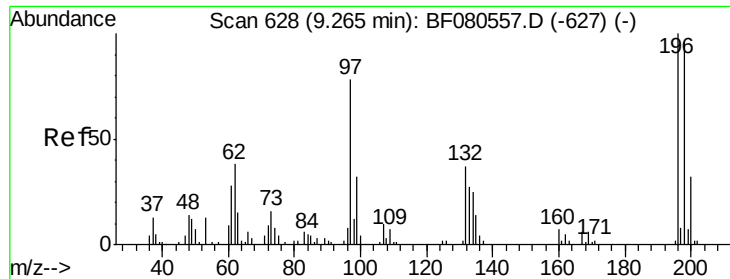
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#42  
 2,4,6-Trichlorophenol  
 Concen: 42.43 ng  
 RT: 9.23 min Scan# 625  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

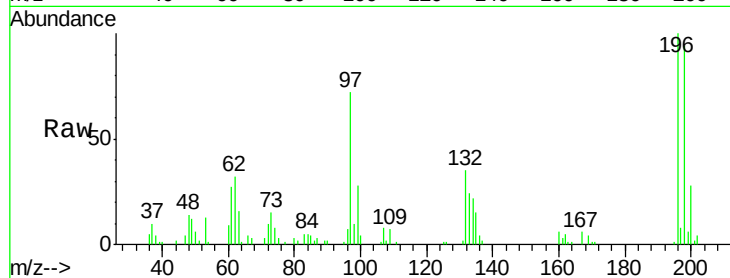
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 35124 |       |       |
| 198     | 93.4  | 73.9  | 110.9 |       |
| 200     | 29.6  | 23.4  | 35.0  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 45.33 ng  
 RT: 9.26 min Scan# 628  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

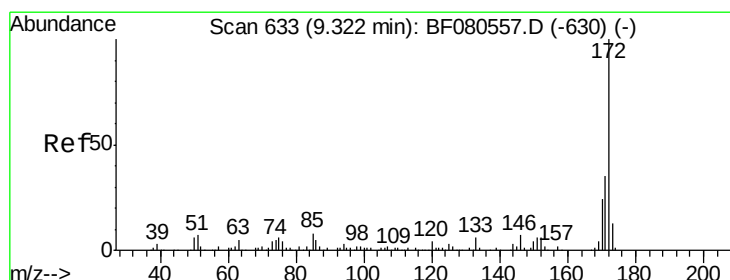
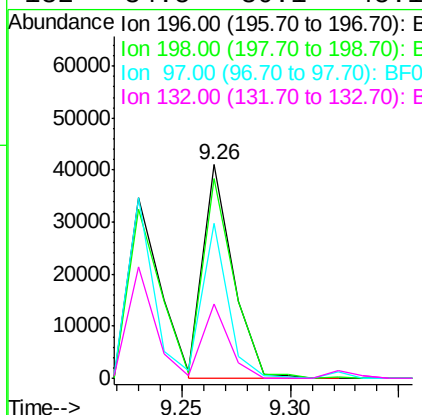
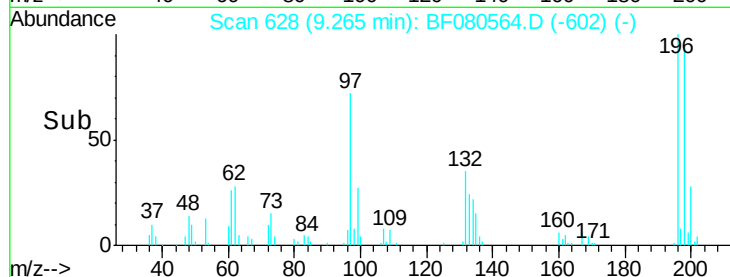
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215



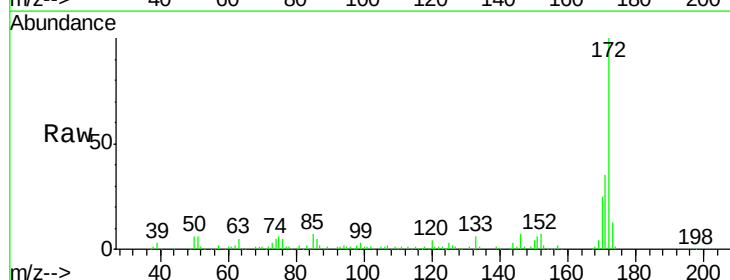
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 39215 |       |       |
| 198     | 93.7  | 76.9  | 115.3 |       |
| 97      | 72.5  | 63.0  | 94.4  |       |
| 132     | 34.5  | 30.1  | 45.1  |       |

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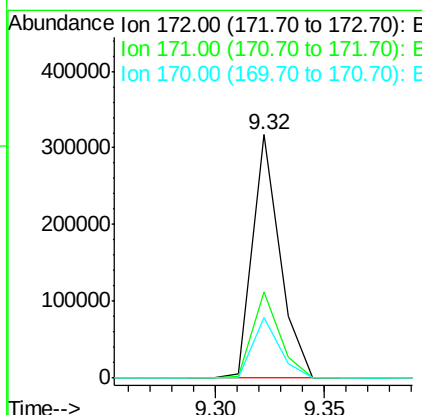
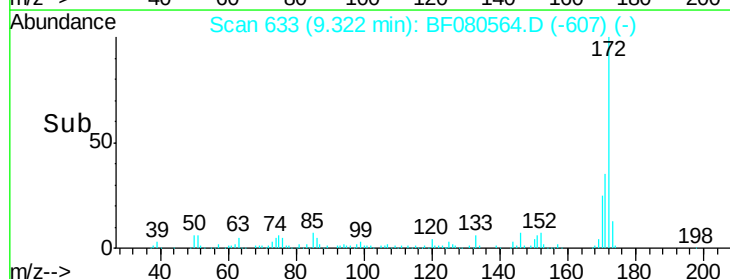
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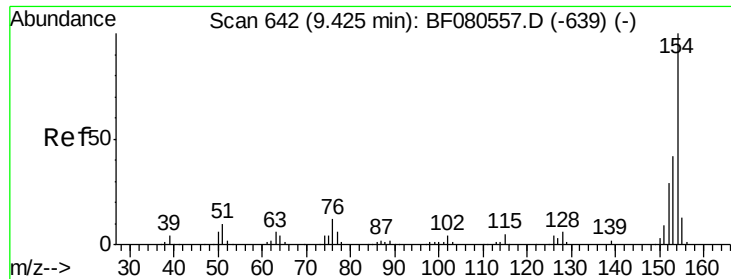


#44  
 2-Fluorobiphenyl  
 Concen: 81.63 ng  
 RT: 9.32 min Scan# 633  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15



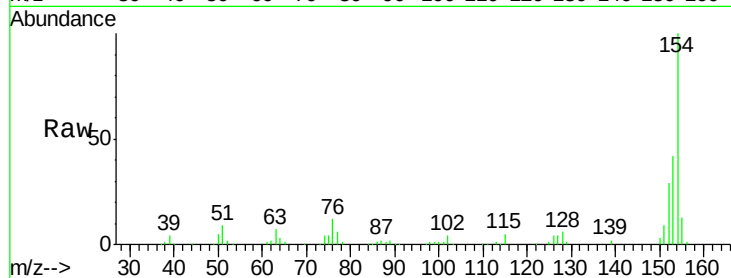
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 276739 |       |       |
| 171     | 35.2  | 27.7   | 41.5  |       |
| 170     | 24.7  | 19.1   | 28.7  |       |





#45  
 1,1'-Biphenyl  
 Concen: 41.64 ng  
 RT: 9.42 min Scan# 642  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

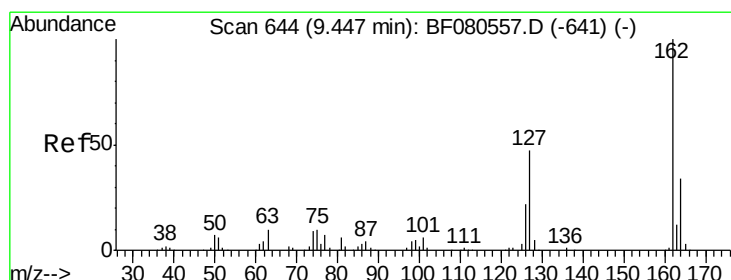
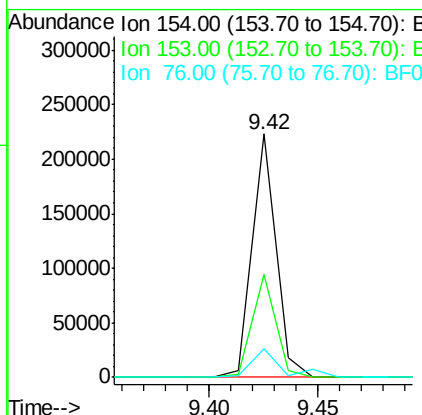
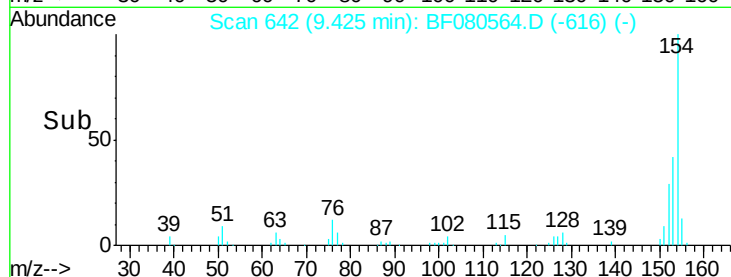
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215



| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 154     | 100   |            |            |
| 153     | 42.3  | 21.8       | 61.8       |
| 76      | 11.9  | 0.0        | 32.1       |

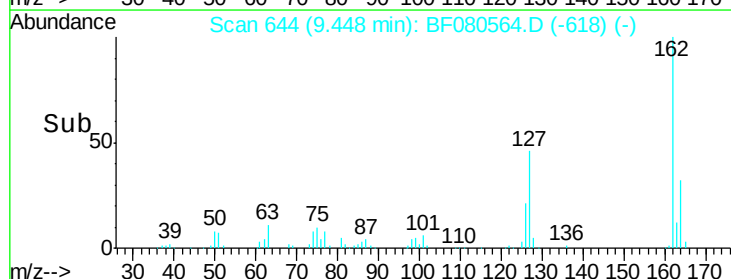
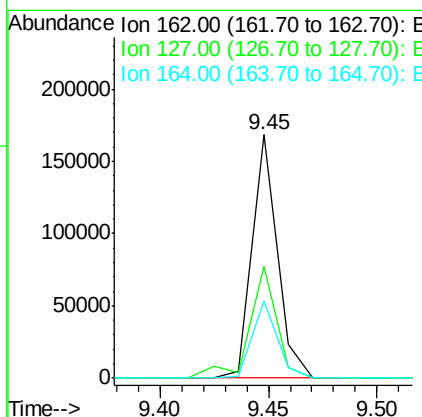
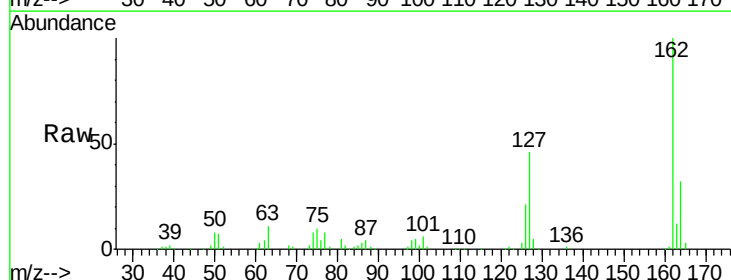
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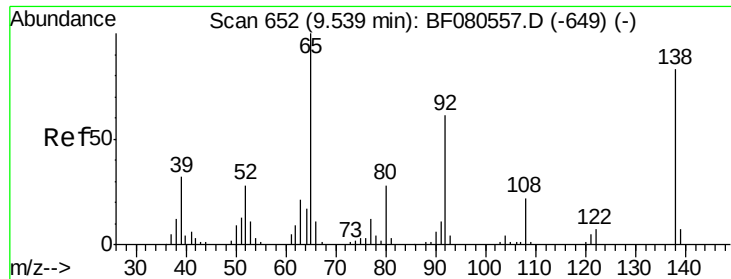
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#46  
 2-Chloronaphthalene  
 Concen: 41.62 ng  
 RT: 9.45 min Scan# 644  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 127     | 45.7  | 37.6       | 56.4       |
| 164     | 31.9  | 27.4       | 41.0       |





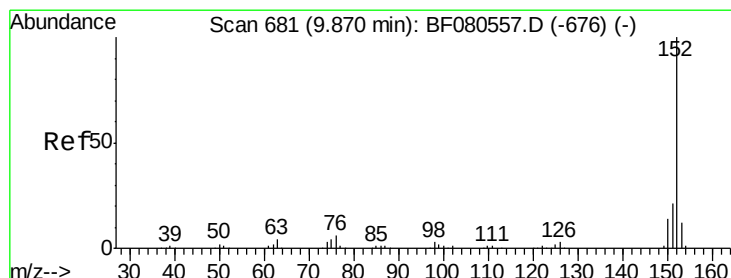
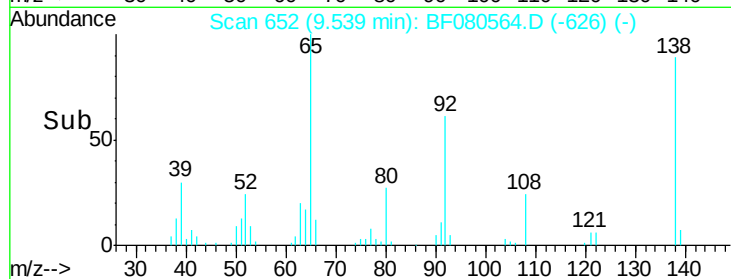
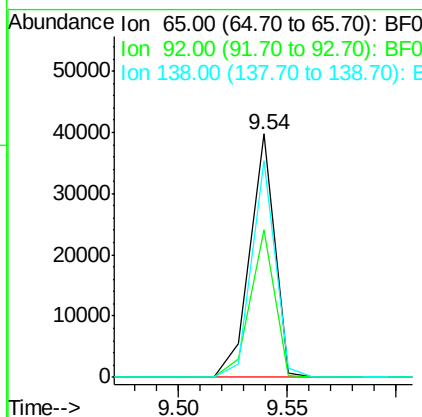
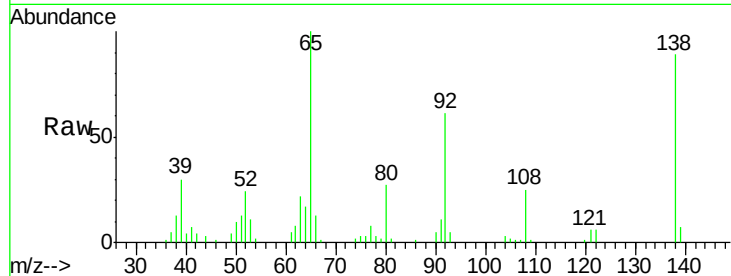
#47  
 2-Nitroaniline  
 Concen: 43.07 ng  
 RT: 9.54 min Scan# 652  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 60.8  | 48.7  | 73.1  |
| 138     | 89.1  | 66.8  | 100.2 |

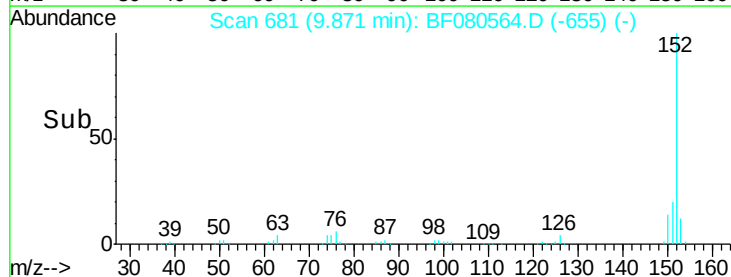
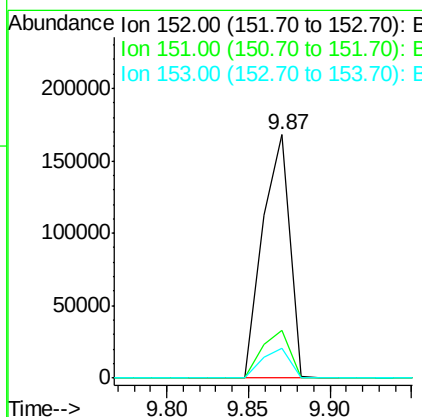
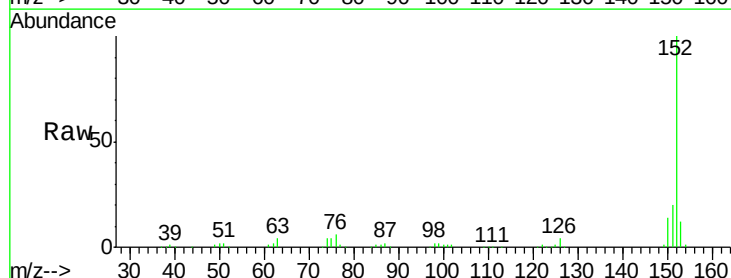
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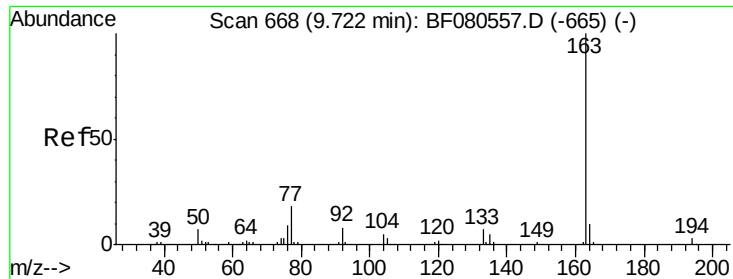
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#48  
 Acenaphthylene  
 Concen: 40.96 ng  
 RT: 9.87 min Scan# 681  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.8  | 16.4  | 24.6  |
| 153     | 12.4  | 9.7   | 14.5  |





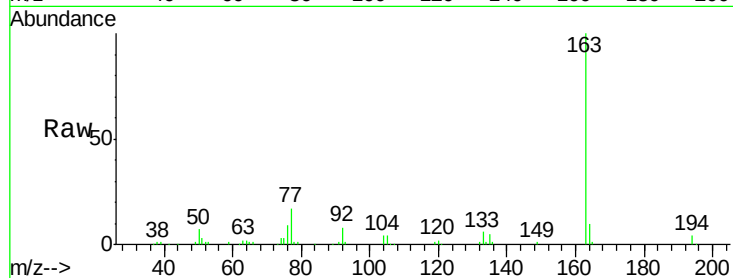
#49  
Dimethylphthalate  
Concen: 41.74 ng  
RT: 9.72 min Scan# 668  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF072215

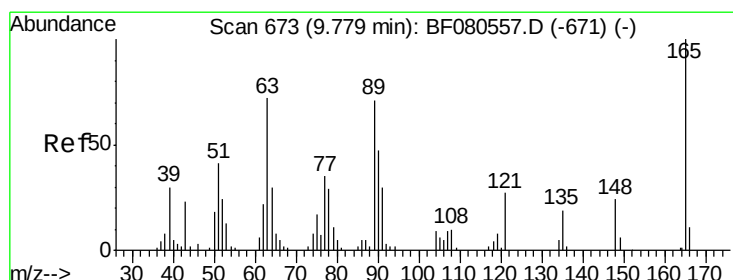
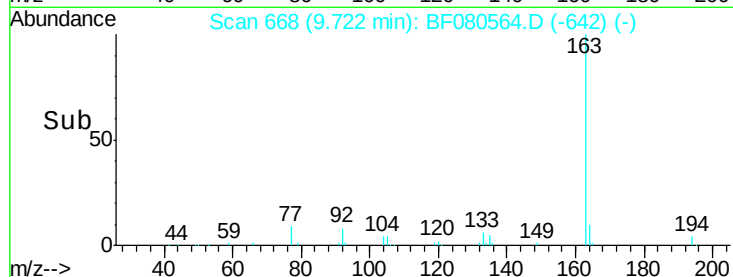
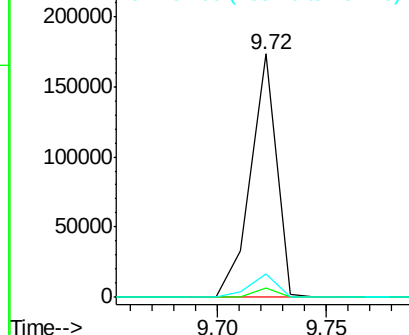
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.7   | 2.5        | 3.7        |
| 164     | 9.8   | 8.1        | 12.1       |

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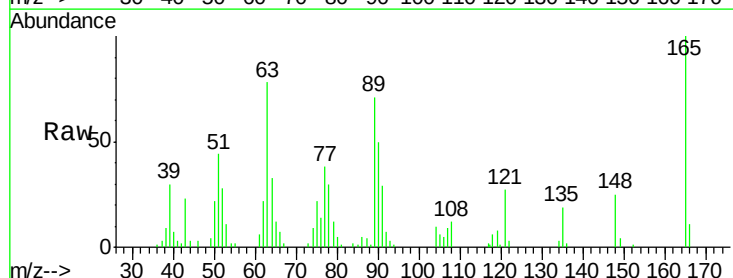


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

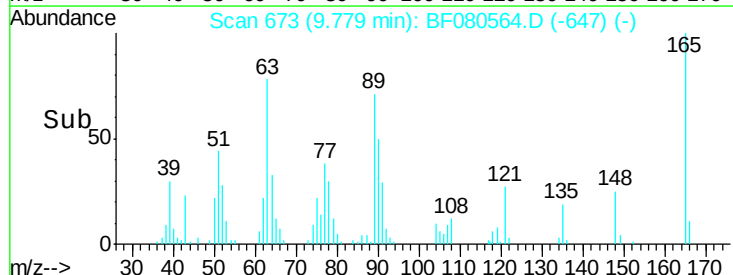
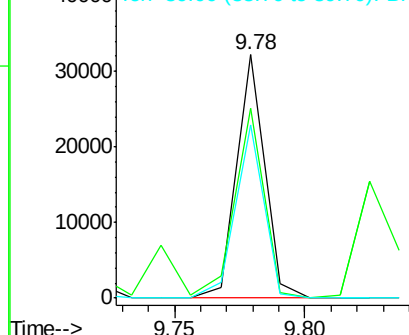


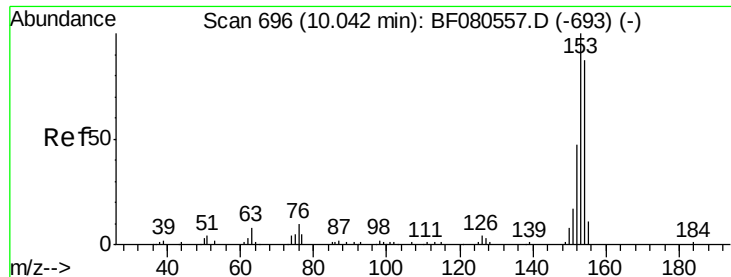
#50  
2,6-Dinitrotoluene  
Concen: 42.82 ng  
RT: 9.78 min Scan# 673  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 78.0  | 59.0       | 88.6       |
| 89      | 71.1  | 56.9       | 85.3       |



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.46 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

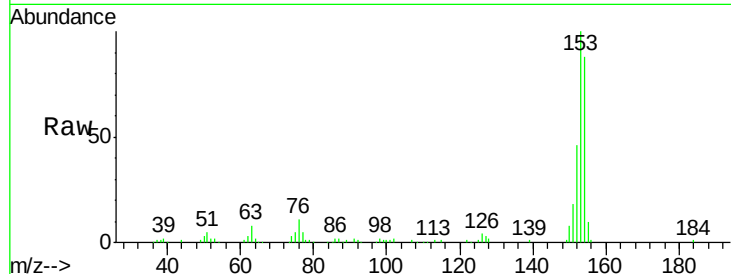
ClientSampleId :

ICVBF072215

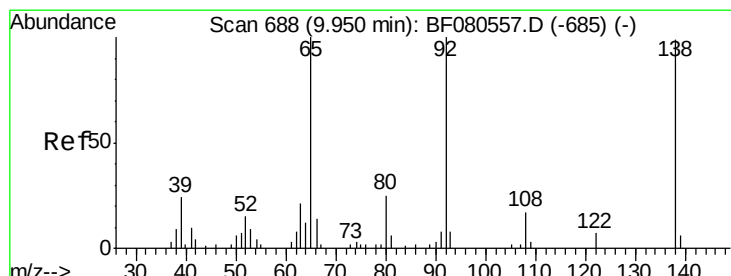
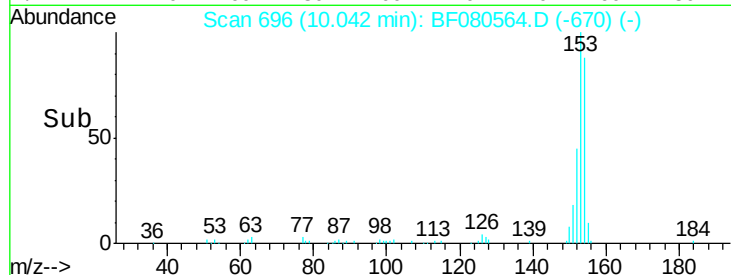
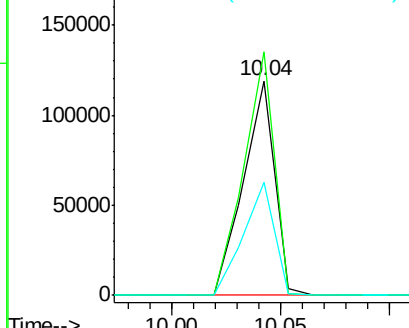
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 118179 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.5 | 92.2  | 138.2  |
| 152       | 52.7  | 43.6  | 65.4   |

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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: 41.30 ng

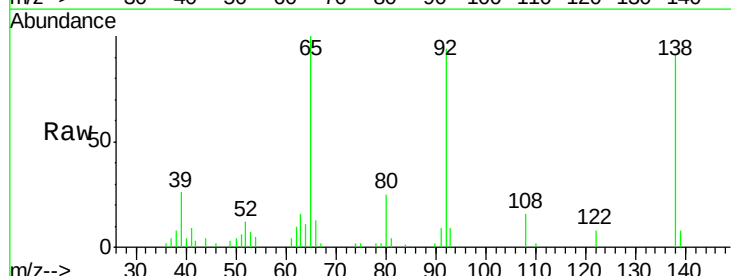
RT: 9.95 min Scan# 688

Delta R.T. 0.00 min

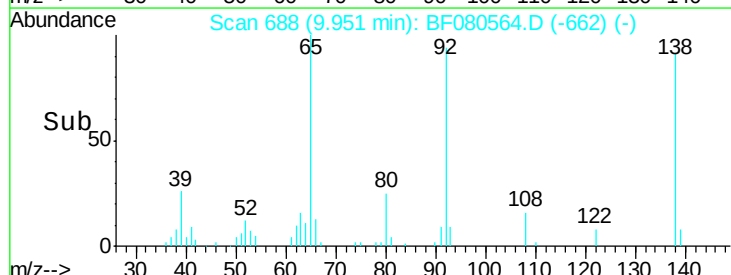
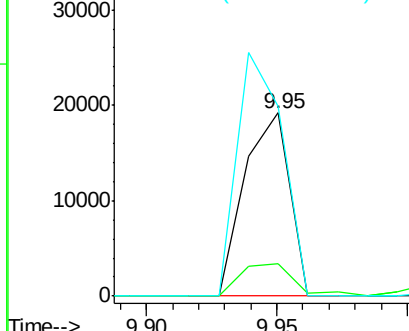
Lab File: BF080564.D

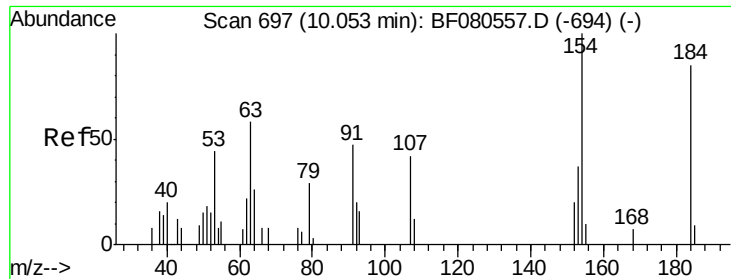
Acq: 22 Jul 2015 19:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 23180 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 17.9  | 13.7  | 20.5  |
| 92        | 103.8 | 81.0  | 121.4 |



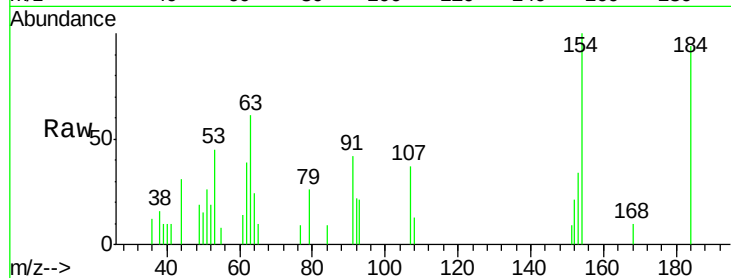
Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF0





#53  
 2,4-Dinitrophenol  
 Concen: 43.48 ng  
 RT: 10.05 min Scan# 697  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

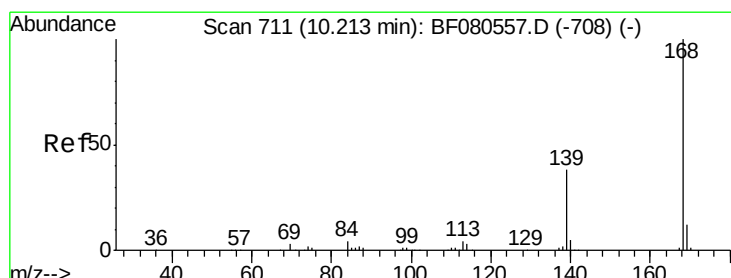
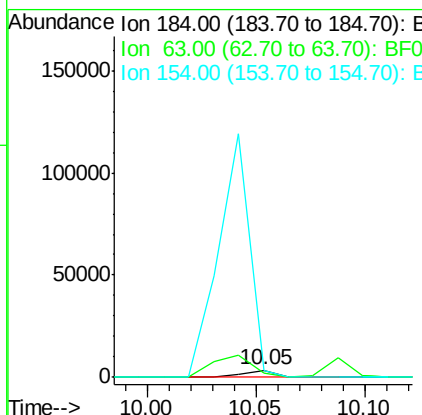
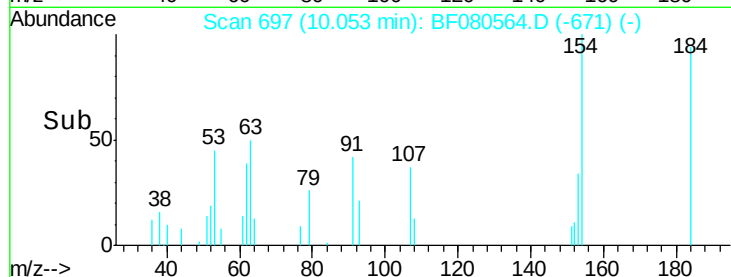
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215



Tgt Ion:184 Resp: 3594  
 Ion Ratio Lower Upper  
 184 100  
 63 64.7 54.9 82.3  
 154 106.7 94.2 141.4

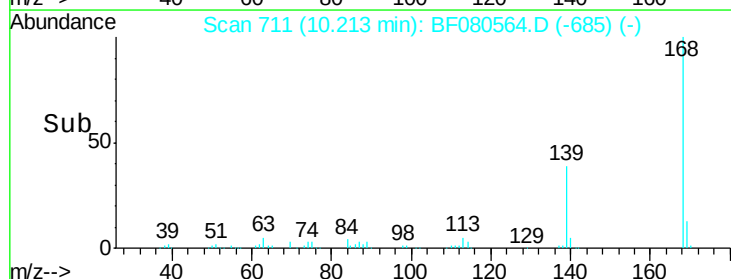
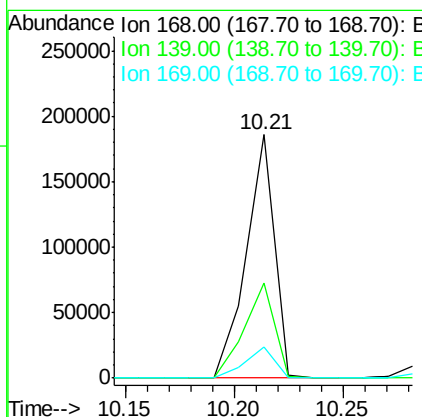
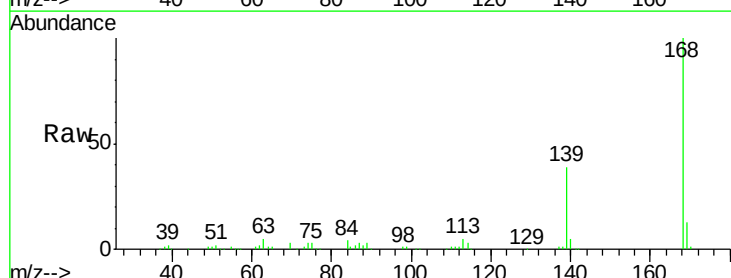
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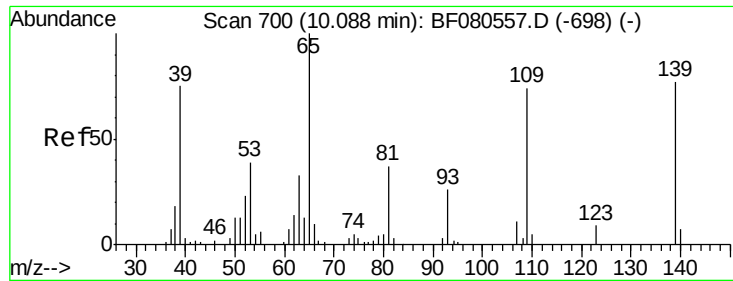
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#54  
 Dibenzofuran  
 Concen: 40.90 ng  
 RT: 10.21 min Scan# 711  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

Tgt Ion:168 Resp: 167183  
 Ion Ratio Lower Upper  
 168 100  
 139 39.3 30.7 46.1  
 169 12.8 9.8 14.8





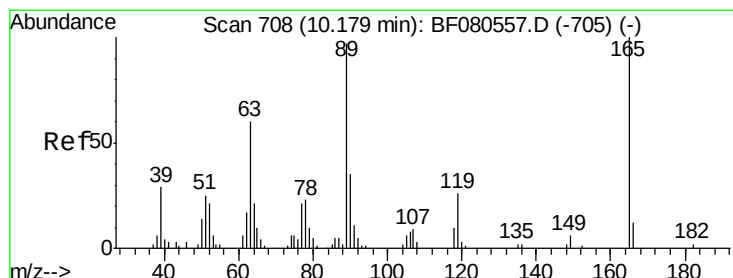
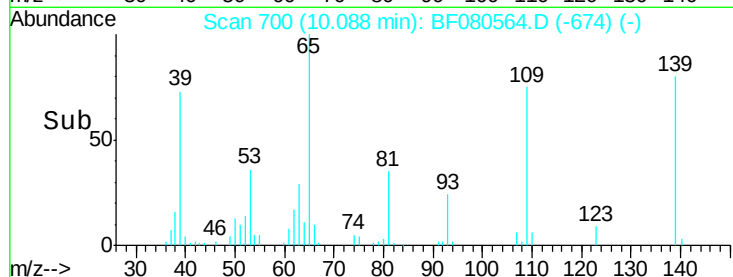
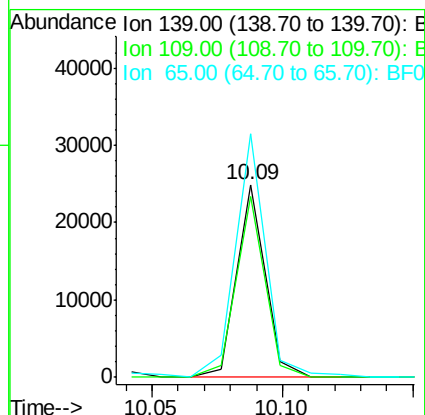
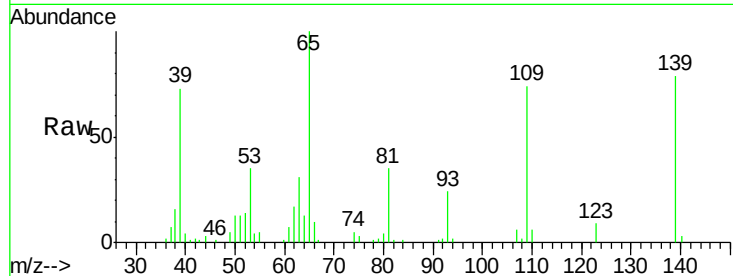
#55  
4-Nitrophenol  
Concen: 43.39 ng  
RT: 10.09 min Scan# 700  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF072215

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 19211 |       |       |
| 109     | 94.2  | 75.9  | 115.9 |       |
| 65      | 126.5 | 109.4 | 149.4 |       |

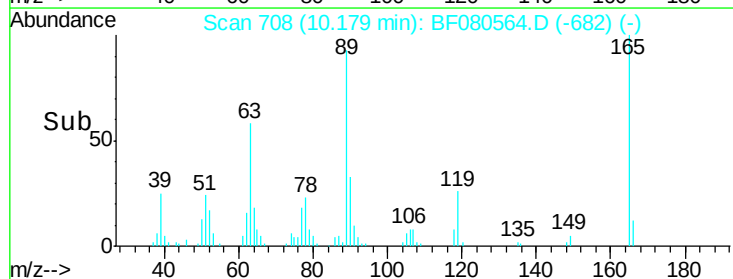
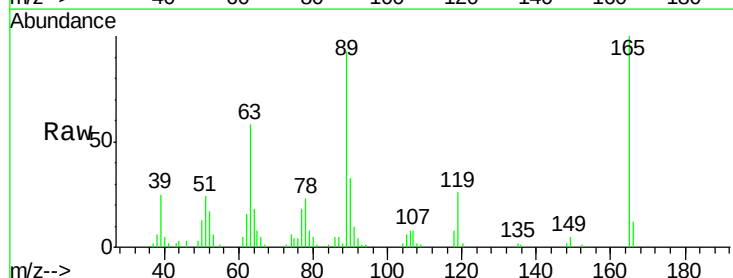
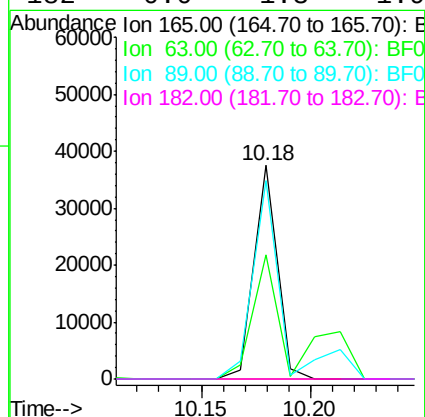
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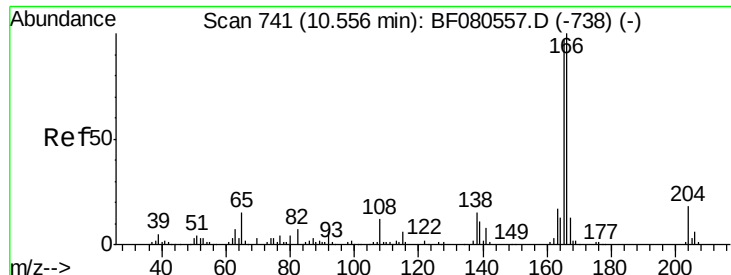


#56  
2,4-Dinitrotoluene  
Concen: 43.97 ng  
RT: 10.18 min Scan# 708  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 27993 |       |       |
| 63      | 57.9  | 48.1  | 72.1  |       |
| 89      | 92.8  | 77.4  | 116.0 |       |
| 182     | 0.0   | 1.3   | 1.9#  |       |

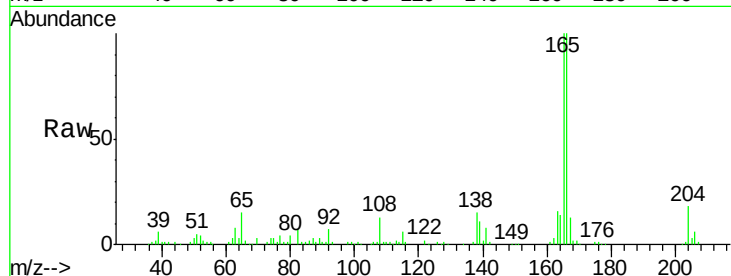






#57  
 Fluorene  
 Concen: 40.28 ng  
 RT: 10.56 min Scan# 741  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

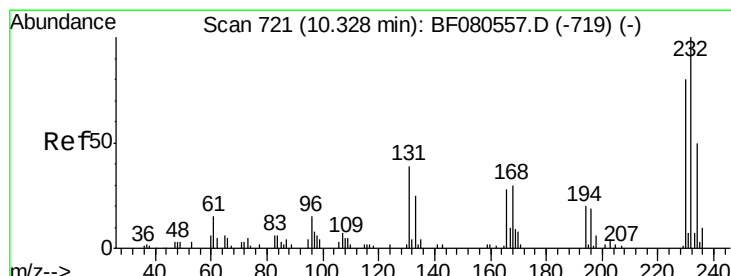
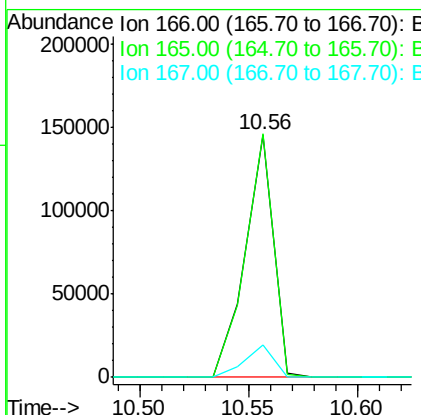
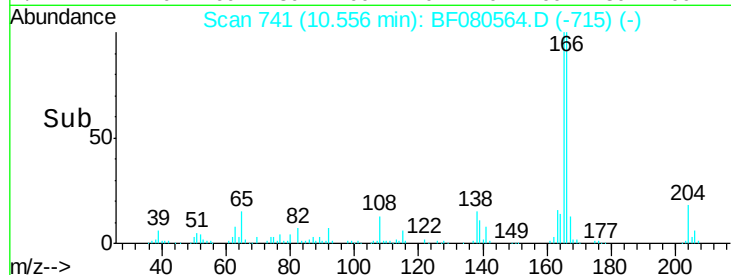
Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215



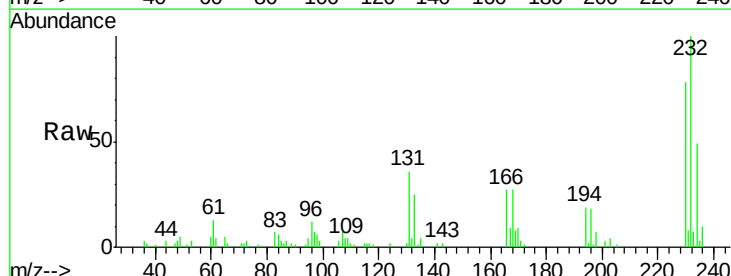
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 100.2 | 77.7 | 116.5 |       |
| 167     | 13.4  | 10.5 | 15.7  |       |

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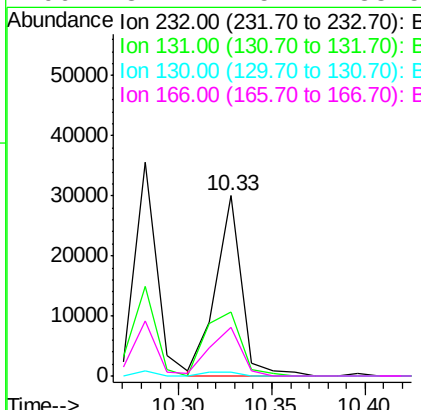
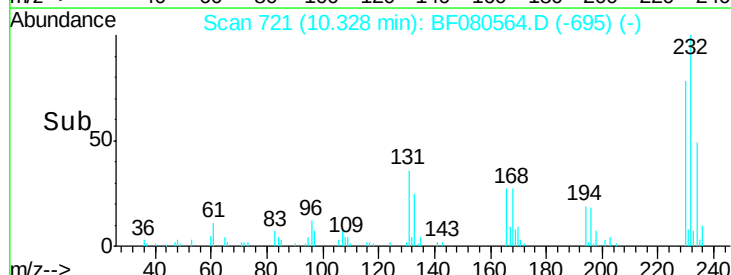
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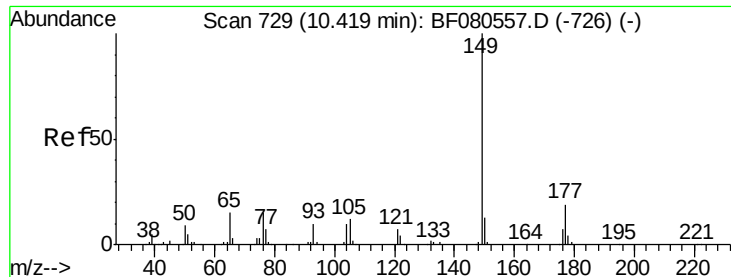


#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.62 ng  
 RT: 10.33 min Scan# 721  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15



| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 48.9  | 41.4 | 62.0  |       |
| 130     | 2.6   | 1.9  | 2.9   |       |
| 166     | 32.2  | 25.7 | 38.5  |       |





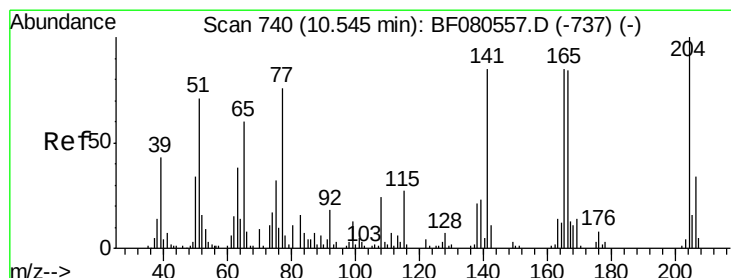
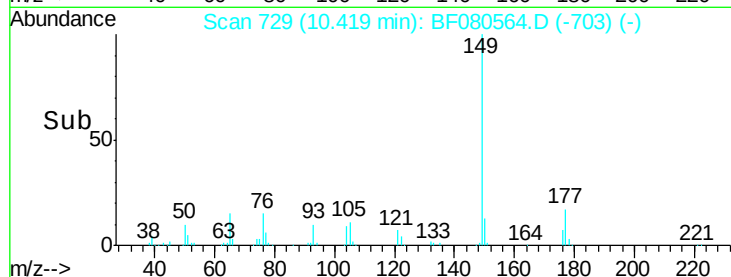
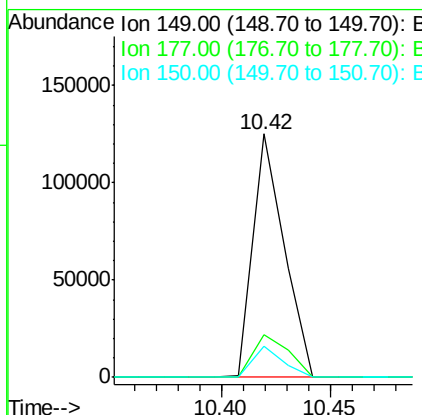
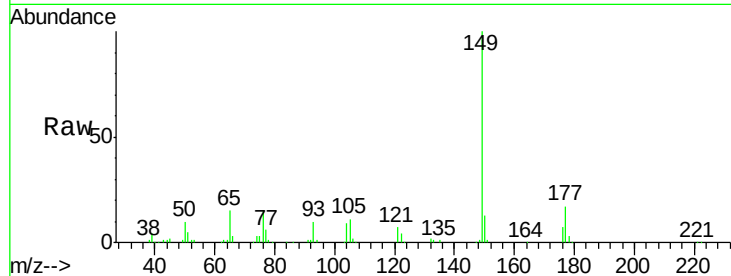
#59  
Diethylphthalate  
Concen: 39.57 ng  
RT: 10.42 min Scan# 729  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF072215

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 17.4  | 14.9       | 22.3       |
| 150     | 12.6  | 10.0       | 15.0       |

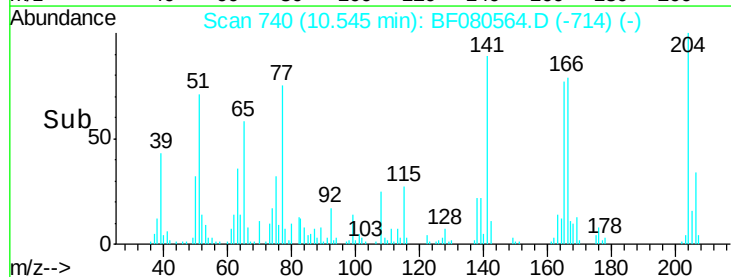
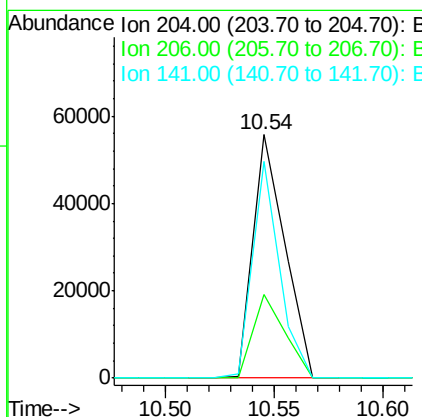
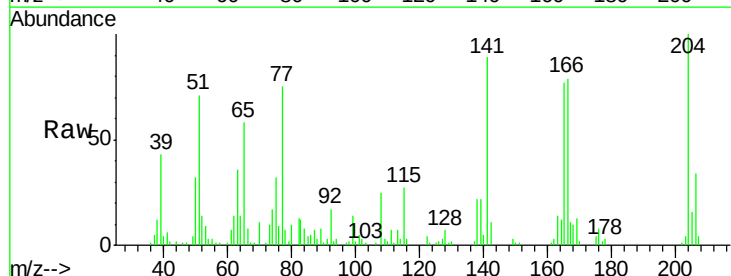
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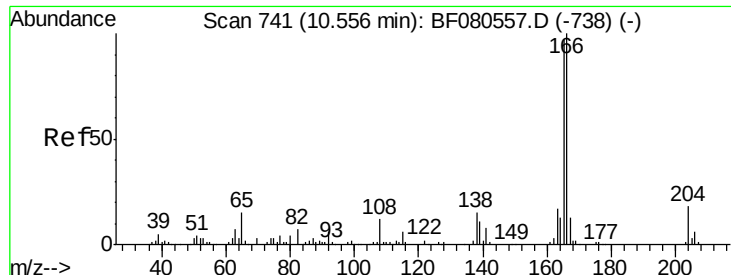
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#60  
4-Chlorophenyl-phenylether  
Concen: 40.34 ng  
RT: 10.54 min Scan# 740  
Delta R.T. 0.00 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 34.4  | 27.1       | 40.7       |
| 141     | 88.8  | 68.3       | 102.5      |





#61

4-Nitroaniline

Concen: 38.18 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF080564.D

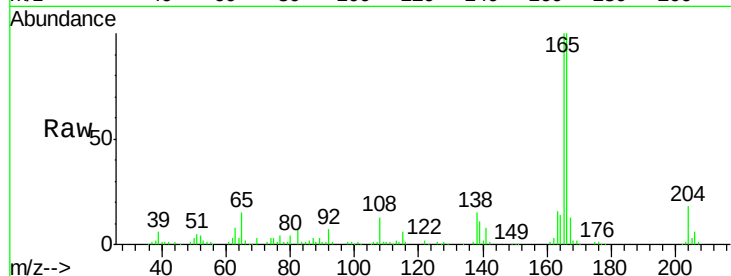
Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

ClientSampleId :

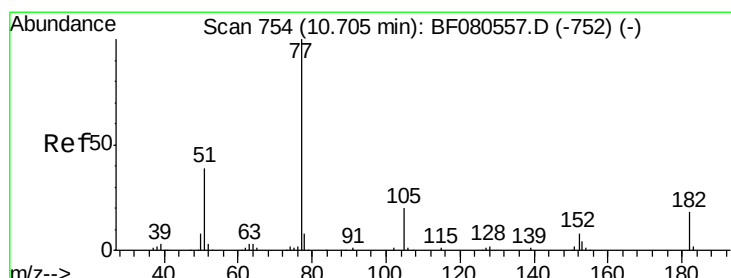
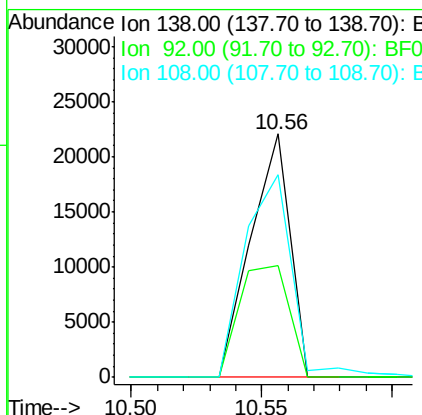
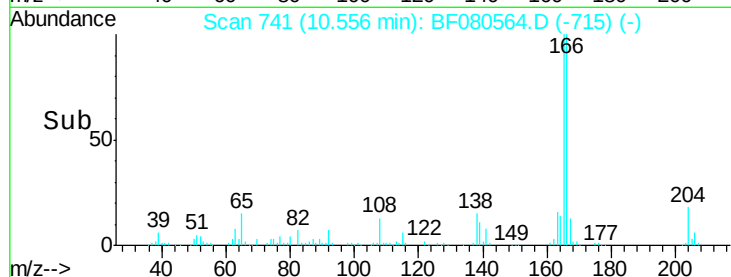
ICVBF072215



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 23400 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 46.0  | 22.6  | 62.6  |
| 108       | 83.0  | 62.0  | 102.0 |

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#62

Azobenzene

Concen: 41.82 ng

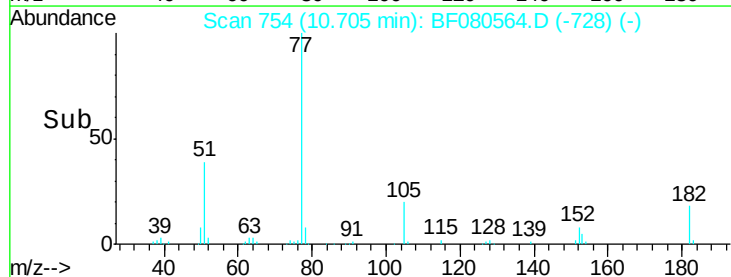
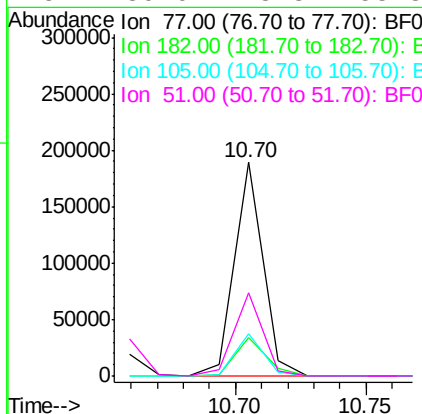
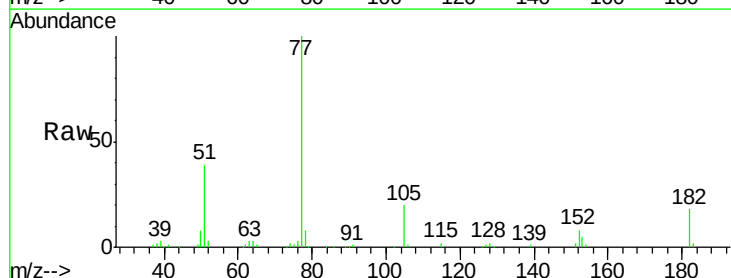
RT: 10.70 min Scan# 754

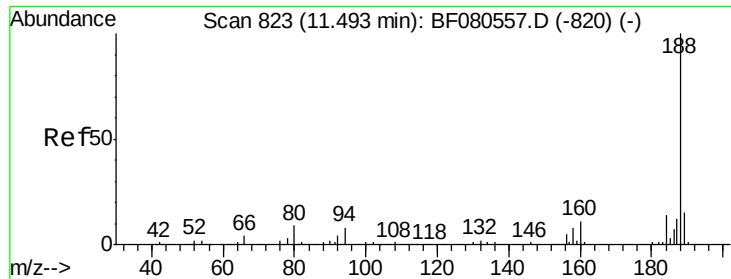
Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 145502 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 17.8  | 0.0   | 37.8   |
| 105       | 20.1  | 0.1   | 40.1   |
| 51        | 39.0  | 18.8  | 58.8   |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.49 min Scan# 823

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

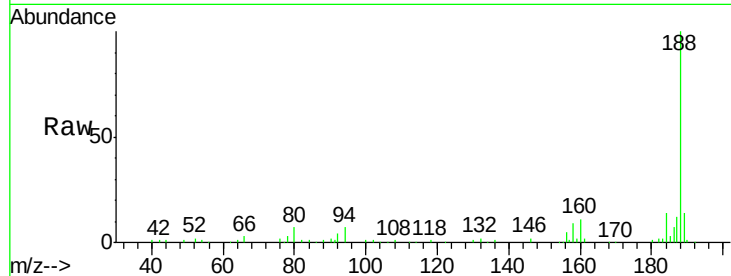
ClientSampleId :

ICVBF072215

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 85438 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 7.1   | 6.1   | 9.1   |
| 80        | 7.4   | 7.0   | 10.6  |

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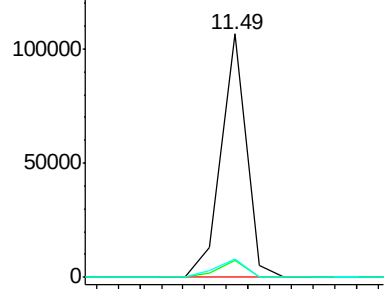
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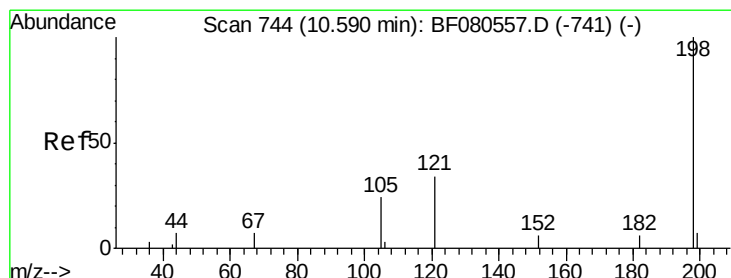
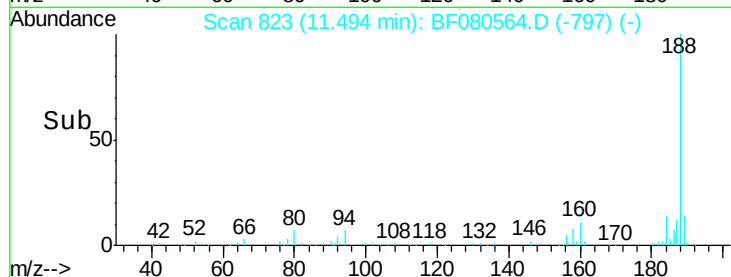
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 42.97 ng

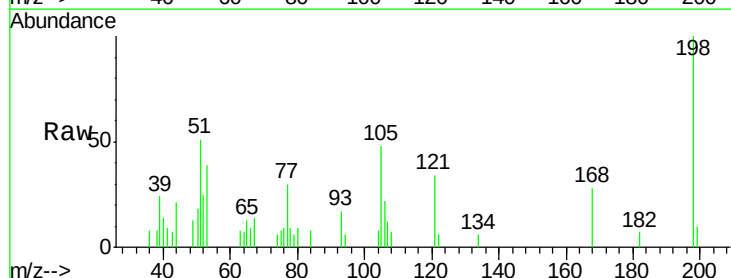
RT: 10.59 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

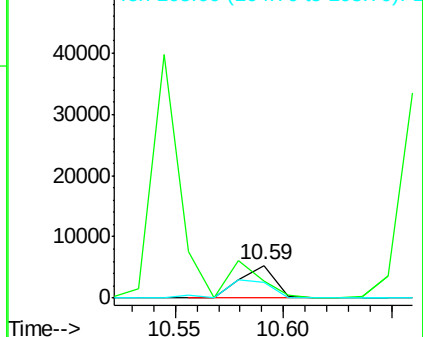
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 198   | Resp: | 5937 |
| Ion Ratio | Lower | Upper |      |
| 198       | 100   |       |      |
| 51        | 51.0  | 32.0  | 72.0 |
| 105       | 47.5  | 16.3  | 56.3 |



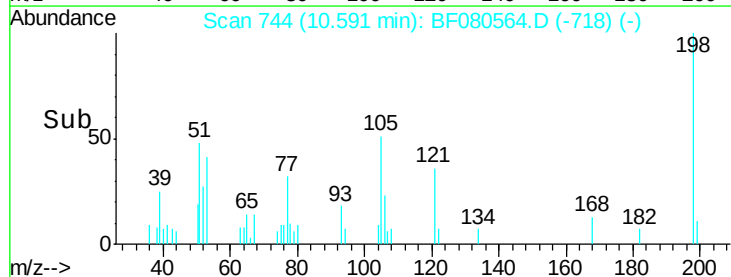
Abundance Ion 198.00 (197.70 to 198.70): E

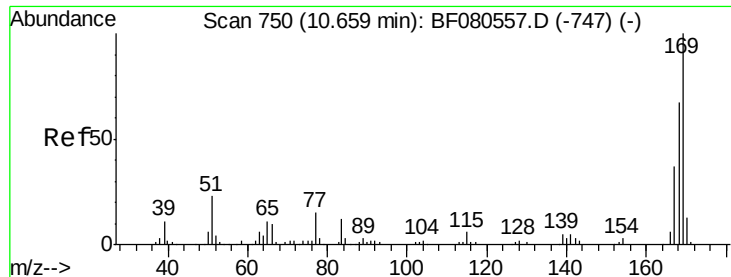
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->





#65

n-Nitrosodiphenylamine

Concen: 42.49 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

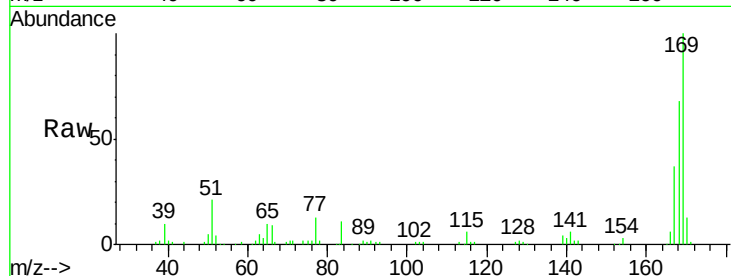
ClientSampleId :

ICVBF072215

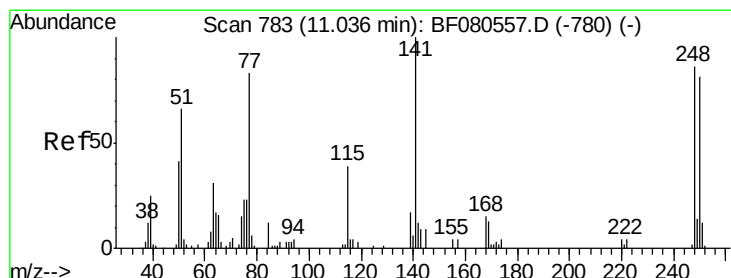
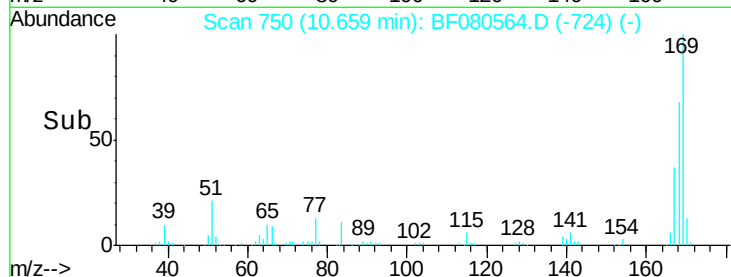
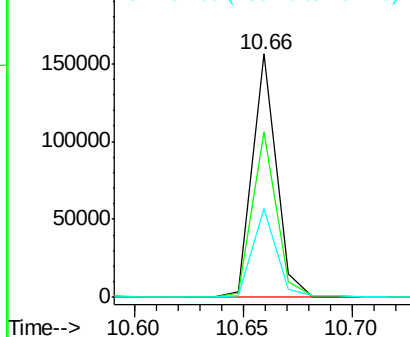
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 119695 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 68.2  | 53.3  | 79.9   |
| 167       | 36.6  | 29.8  | 44.6   |

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Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.67 ng

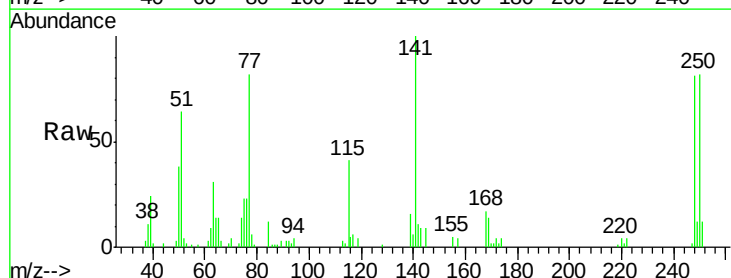
RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

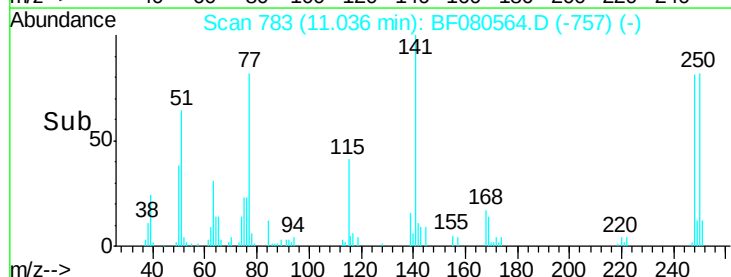
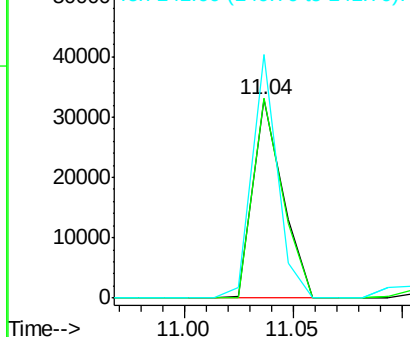
Lab File: BF080564.D

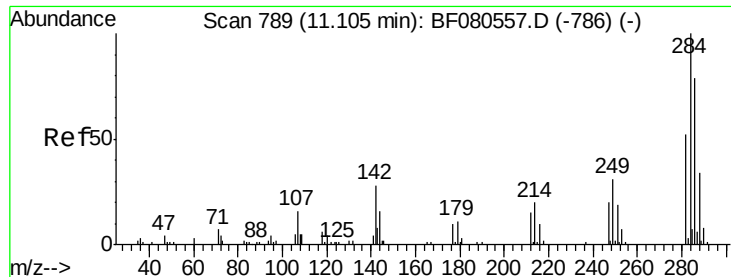
Acq: 22 Jul 2015 19:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 31795 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 101.0 | 75.4  | 113.2 |
| 141       | 122.7 | 93.4  | 140.0 |



Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.55 ng

RT: 11.10 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

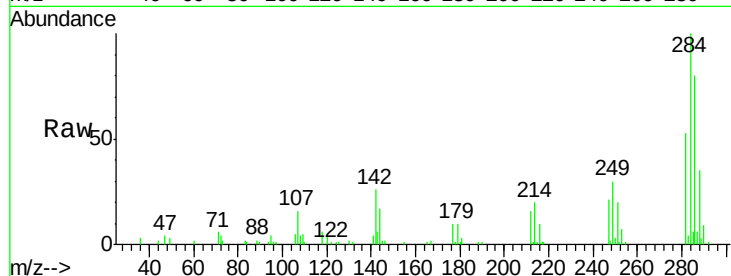
ClientSampleId :

ICVBF072215

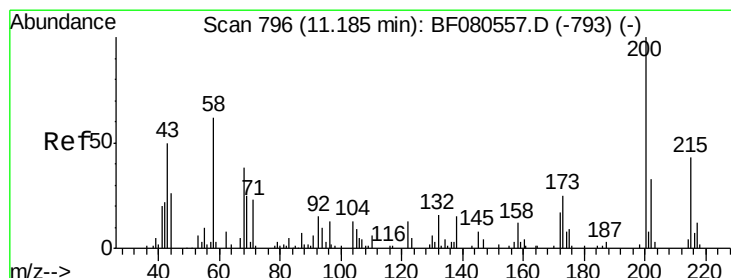
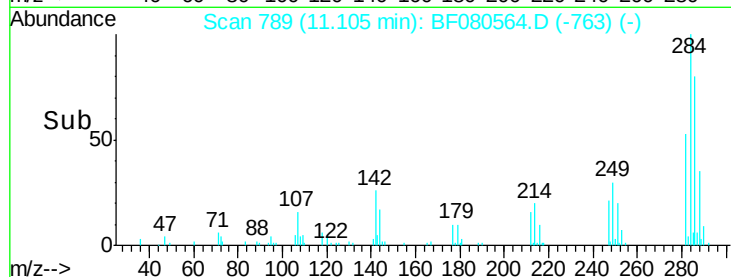
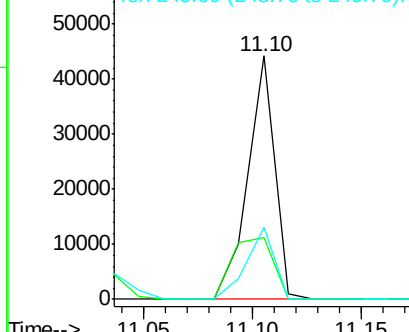
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 284   | Resp: | 37875 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 25.6  | 22.4  | 33.6  |
| 249       | 29.8  | 25.0  | 37.4  |

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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: 41.89 ng

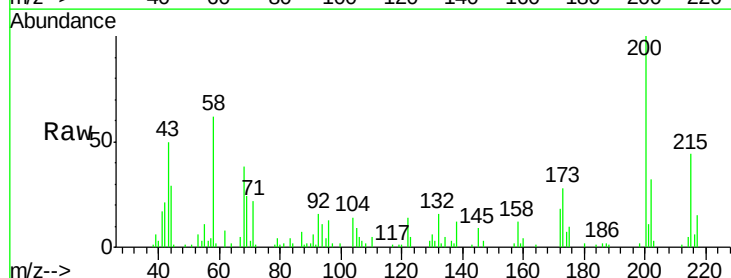
RT: 11.18 min Scan# 796

Delta R.T. 0.00 min

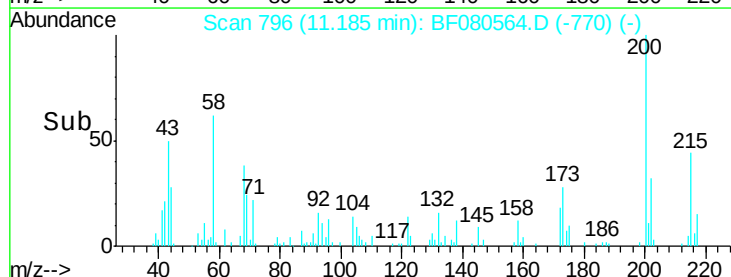
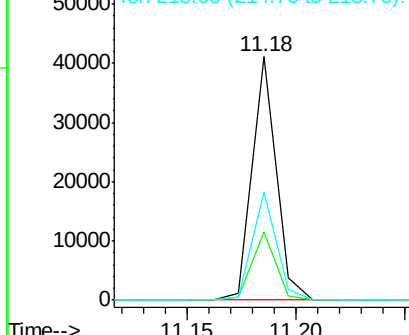
Lab File: BF080564.D

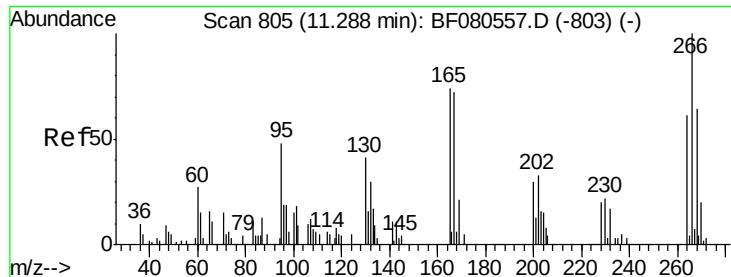
Acq: 22 Jul 2015 19:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 31657 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 28.2  | 4.6   | 44.6  |
| 215       | 44.3  | 22.9  | 62.9  |



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





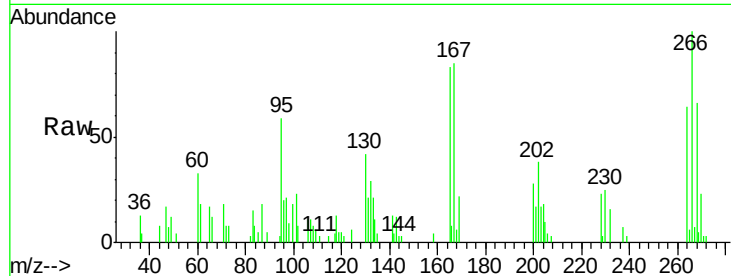
#69  
 Pentachlorophenol  
 Concen: 39.44 ng  
 RT: 11.29 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215

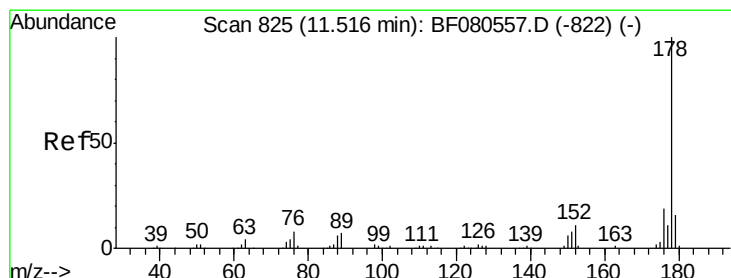
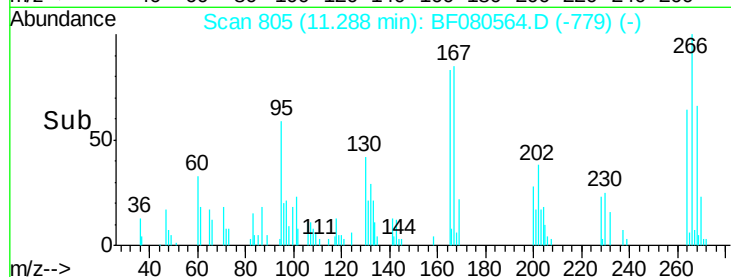
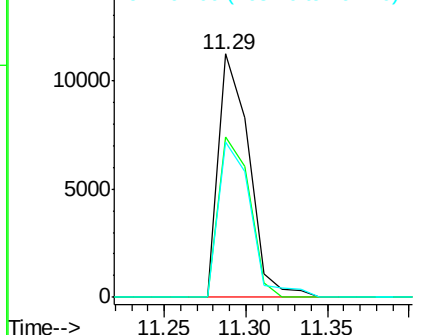
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 14628 |       |       |
| 268     | 65.7  | 51.5  | 77.3  |       |
| 264     | 63.6  | 48.8  | 73.2  |       |

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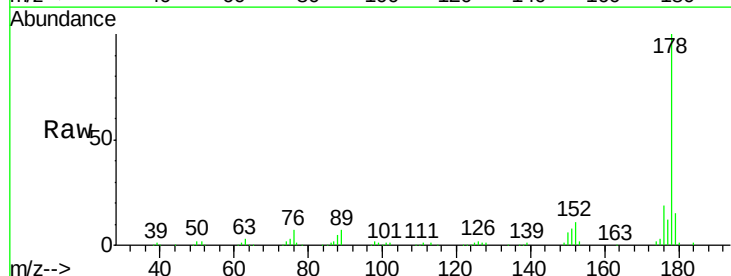


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

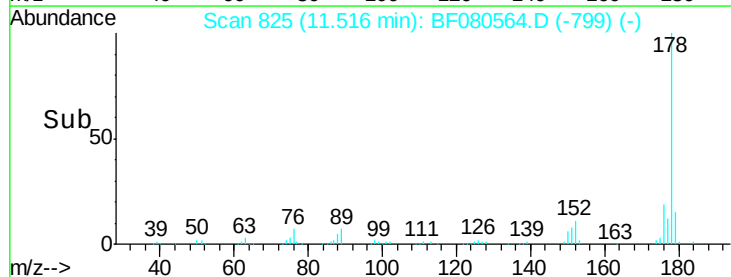
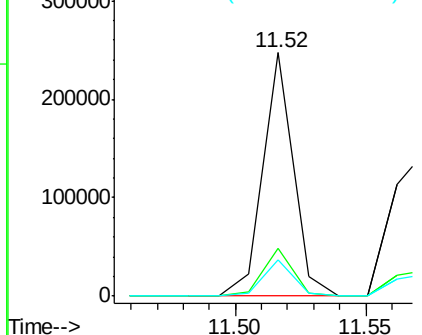


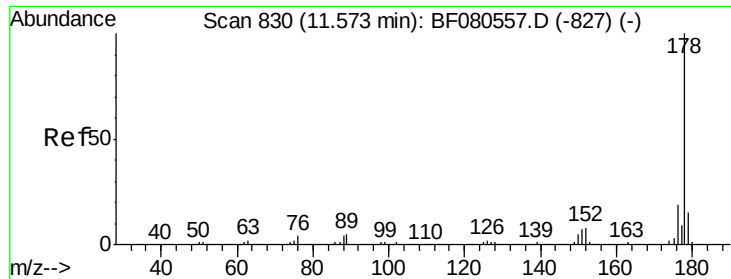
#70  
 Phenanthrene  
 Concen: 40.83 ng  
 RT: 11.52 min Scan# 825  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 197993 |       |       |
| 176     | 19.4  | 15.2   | 22.8  |       |
| 179     | 15.1  | 12.5   | 18.7  |       |



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





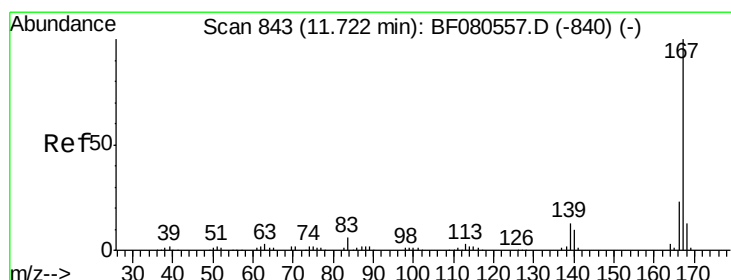
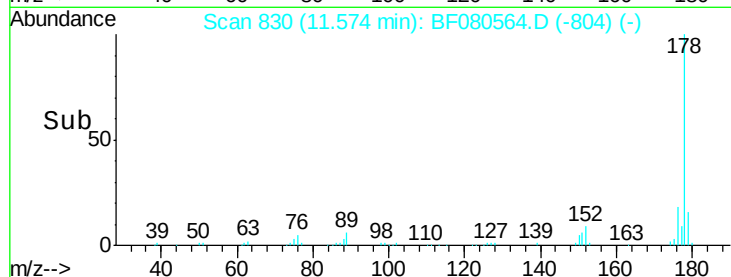
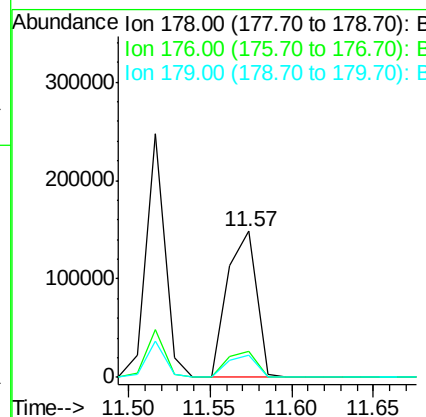
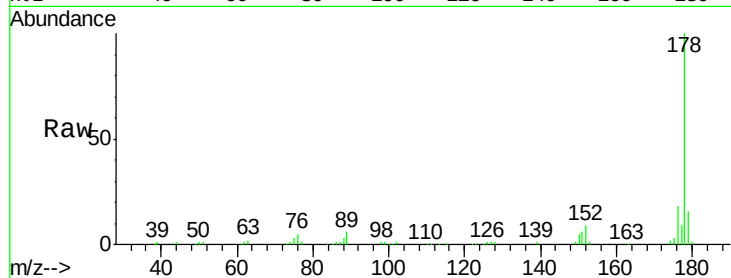
#71  
 Anthracene  
 Concen: 40.68 ng  
 RT: 11.57 min Scan# 830  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 182565 |       |       |
| 176     | 17.9  | 15.1   | 22.7  |       |
| 179     | 15.5  | 12.0   | 18.0  |       |

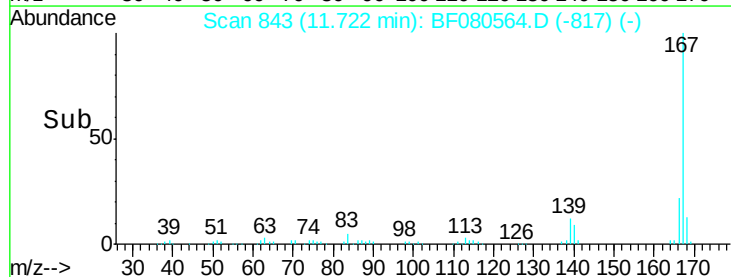
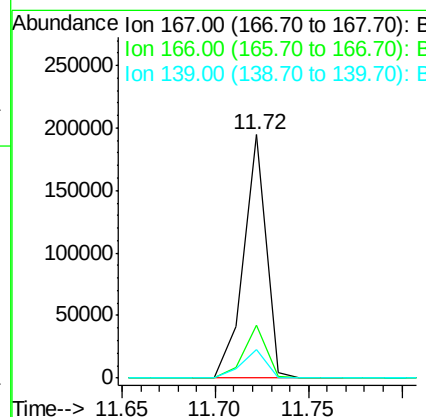
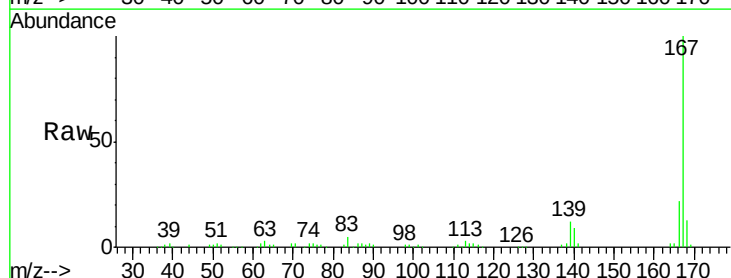
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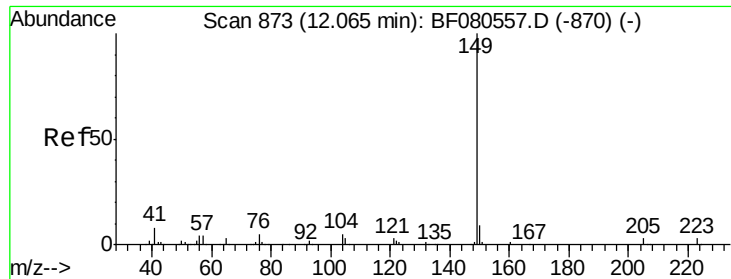


#72  
 Carbazole  
 Concen: 40.65 ng  
 RT: 11.72 min Scan# 843  
 Delta R.T. 0.00 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 165235 |       |       |
| 166     | 21.7  | 18.1   | 27.1  |       |
| 139     | 11.8  | 10.7   | 16.1  |       |







#73

Di-n-butylphthalate

Concen: 36.32 ng

RT: 12.07 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

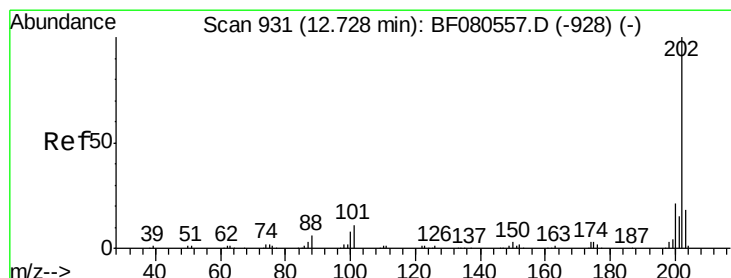
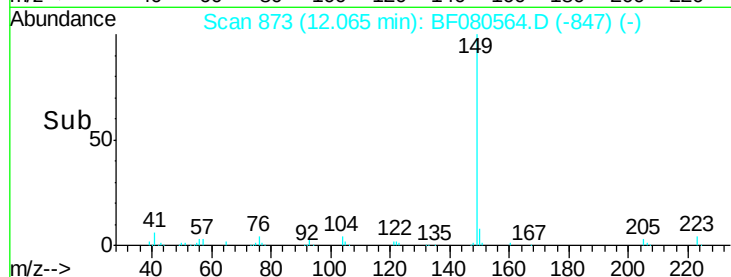
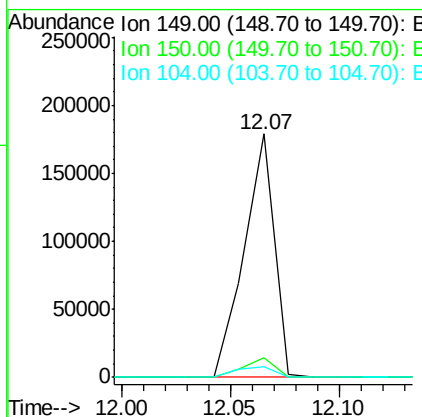
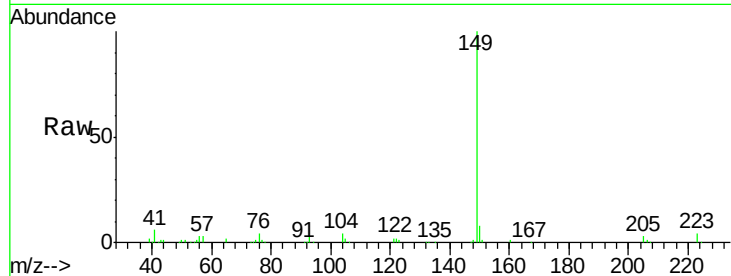
ClientSampleId :

ICVBF072215

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 172023 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 8.3   | 7.2   | 10.8   |
| 104       | 4.3   | 3.8   | 5.8    |

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#74

Fluoranthene

Concen: 38.15 ng

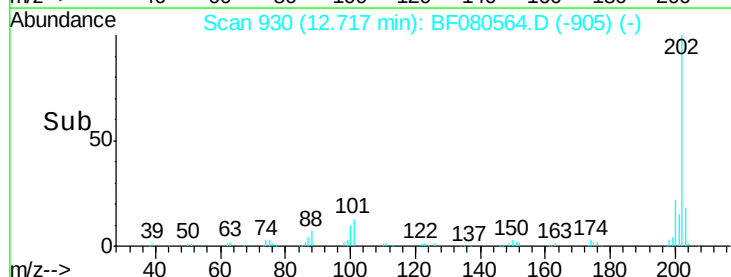
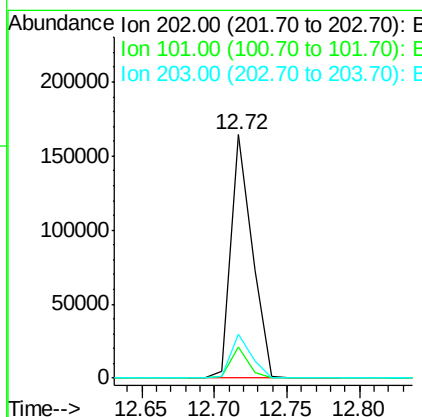
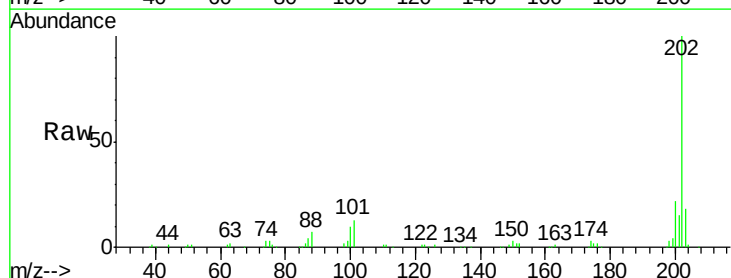
RT: 12.72 min Scan# 930

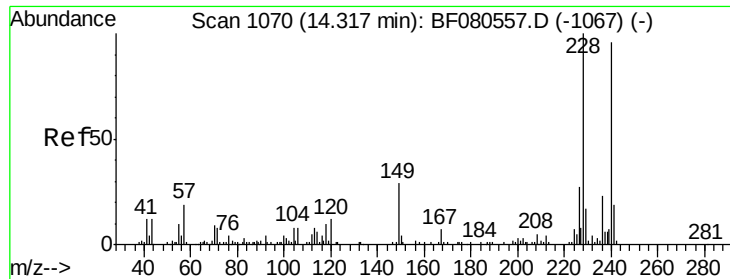
Delta R.T. -0.01 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 167394 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 12.7  | 0.0   | 31.1   |
| 203       | 18.3  | 0.0   | 37.5   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.27 min Scan# 1066

Delta R.T. -0.05 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

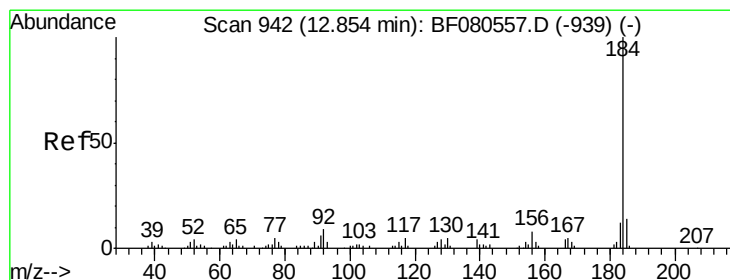
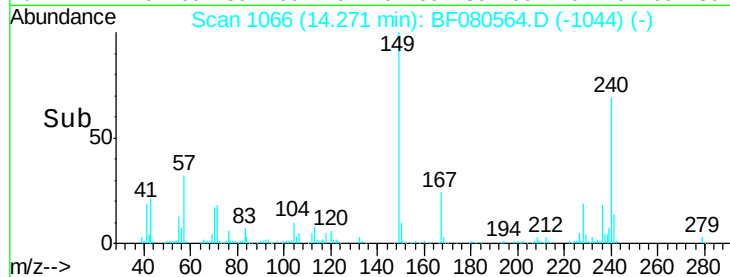
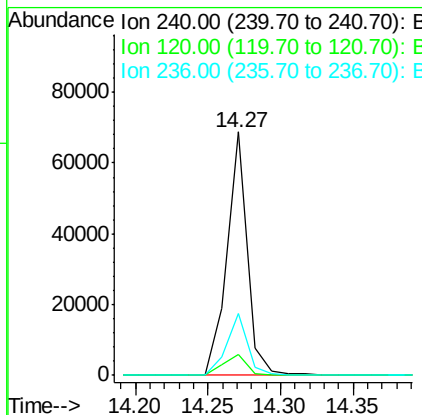
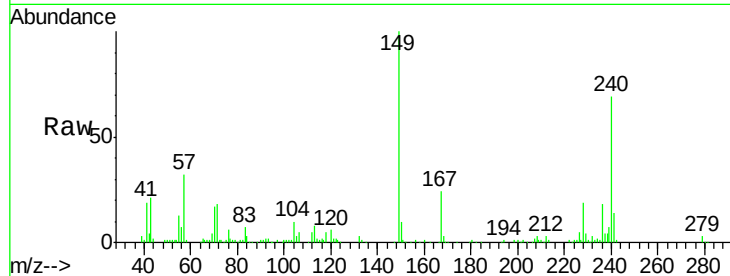
ClientSampleId :

ICVBF072215

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 240     | 100   | 66828 |       |       |
| 120     | 8.4   | 9.9   | 14.9# |       |
| 236     | 25.2  | 19.1  | 28.7  |       |

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#76

Benzidine

Concen: 41.50 ng

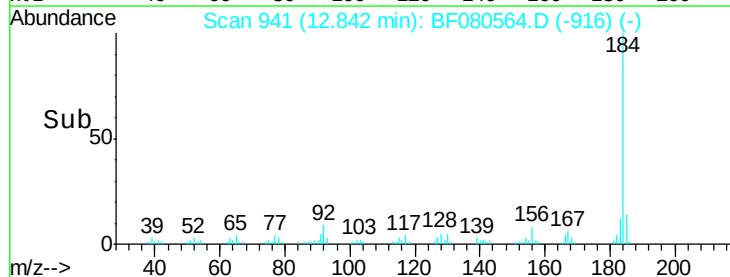
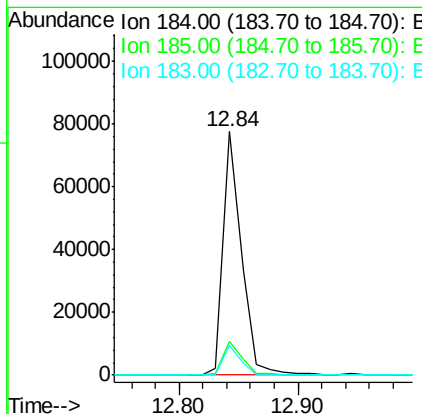
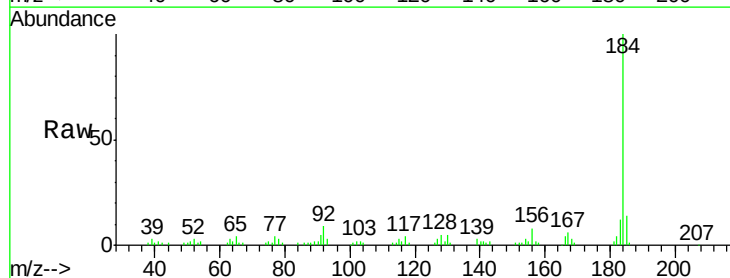
RT: 12.84 min Scan# 941

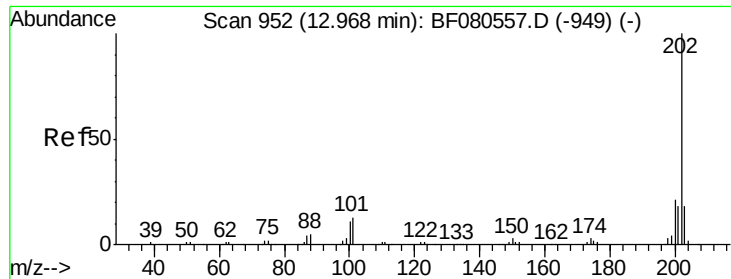
Delta R.T. -0.01 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 82466 |       |       |
| 185     | 13.9  | 11.2  | 16.8  |       |
| 183     | 12.0  | 9.6   | 14.4  |       |





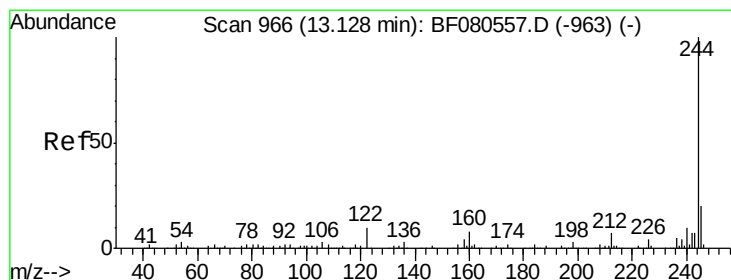
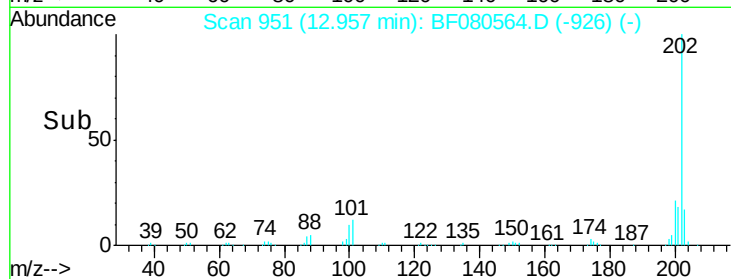
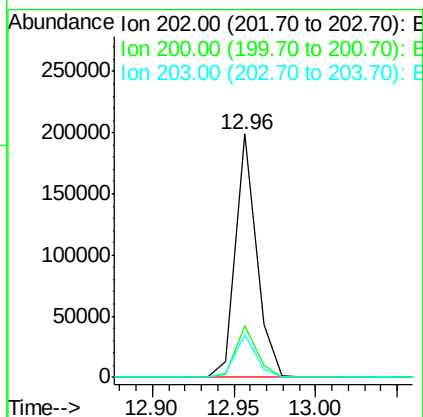
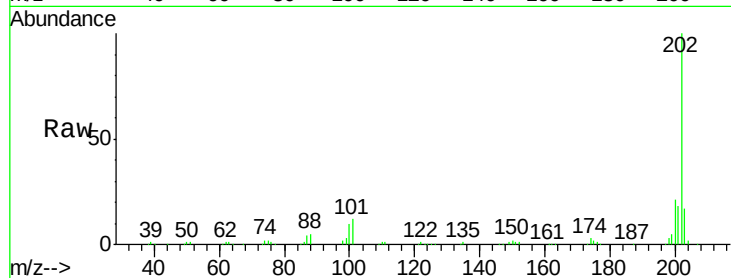
#77  
**Pyrene**  
 Concen: 38.68 ng  
 RT: 12.96 min Scan# 951  
 Delta R.T. -0.01 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

Instrument :  
 BNA\_F  
 ClientSampleID :  
 ICVBF072215

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 200     | 21.4  | 16.9       | 25.3       |
| 203     | 17.5  | 14.5       | 21.7       |

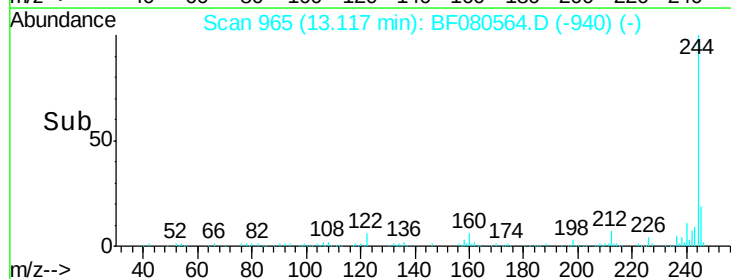
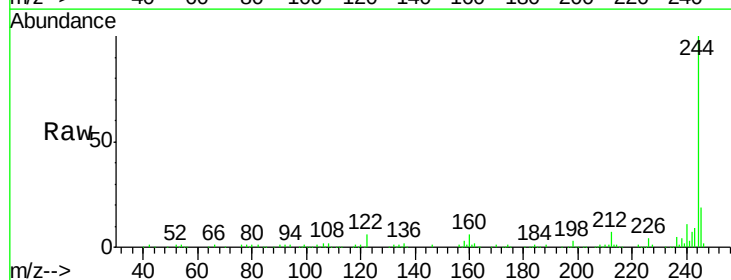
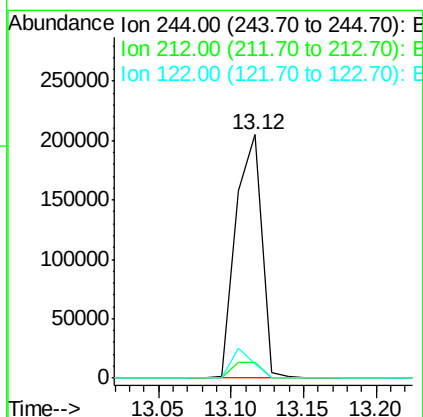
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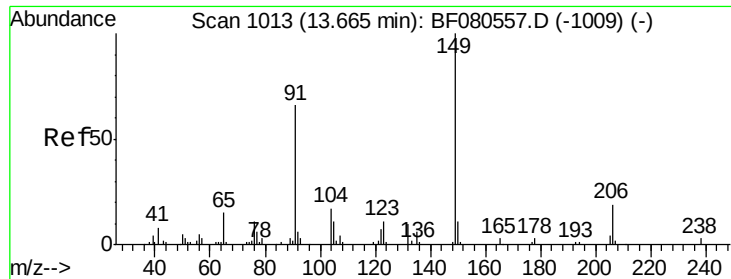
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#78  
**Terphenyl-d14**  
 Concen: 78.05 ng  
 RT: 13.12 min Scan# 965  
 Delta R.T. -0.01 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 6.7   | 6.0        | 9.0        |
| 122     | 6.1   | 8.2        | 12.2#      |





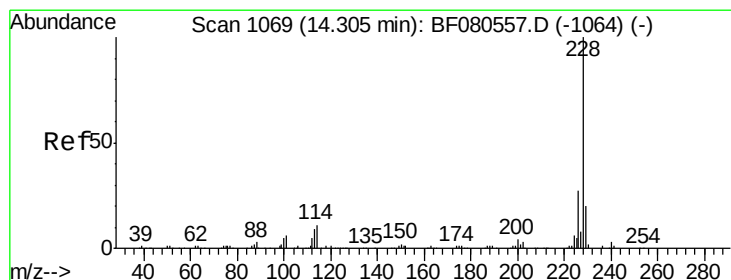
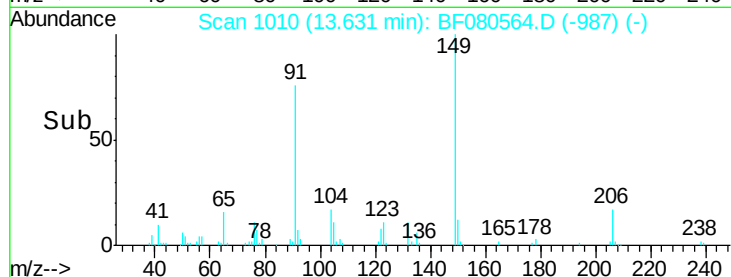
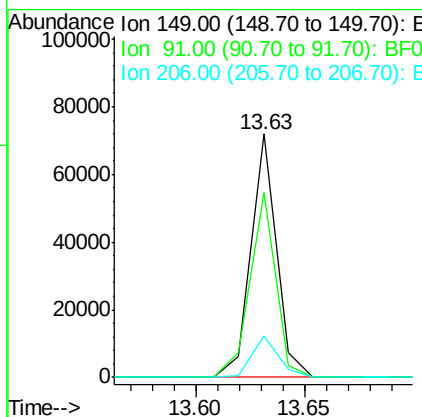
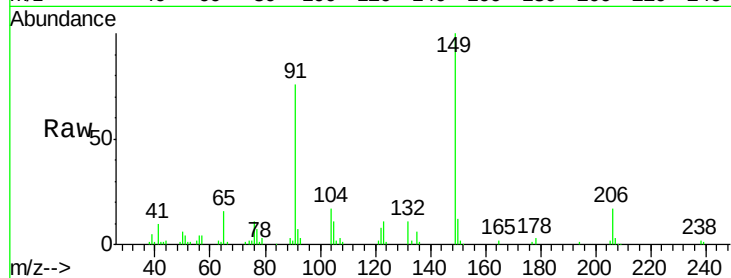
#79  
Butylbenzylphthalate  
Concen: 41.79 ng  
RT: 13.63 min Scan# 1010  
Delta R.T. -0.03 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF072215

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 149     | 100   | 58819 |       |       |
| 91      | 75.9  | 53.0  | 79.6  |       |
| 206     | 16.9  | 15.0  | 22.6  |       |

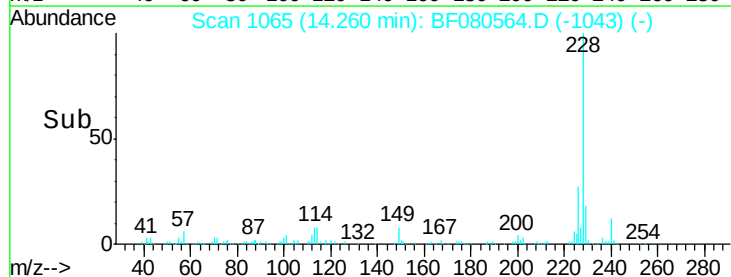
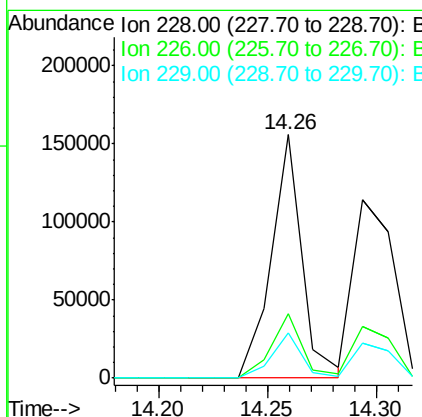
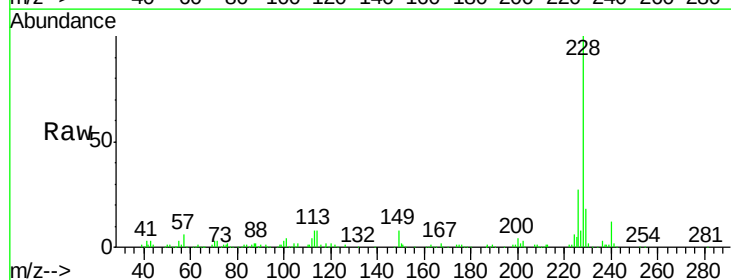
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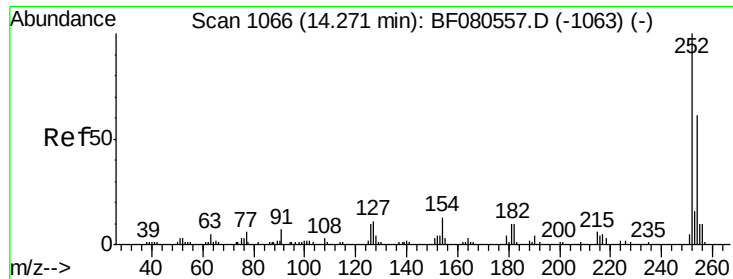
apatel  
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#80  
Benzo(a)anthracene  
Concen: 40.83 ng  
RT: 14.26 min Scan# 1065  
Delta R.T. -0.05 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 155041 |       |       |
| 226     | 26.7  | 22.0   | 33.0  |       |
| 229     | 18.4  | 15.7   | 23.5  |       |





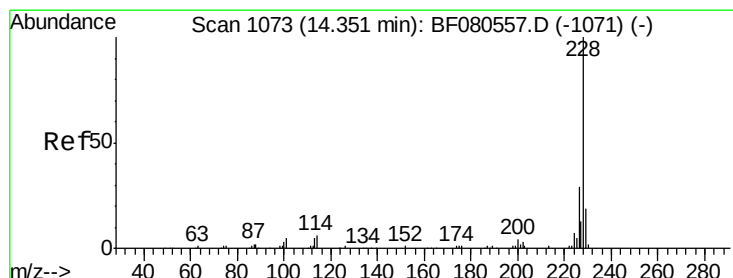
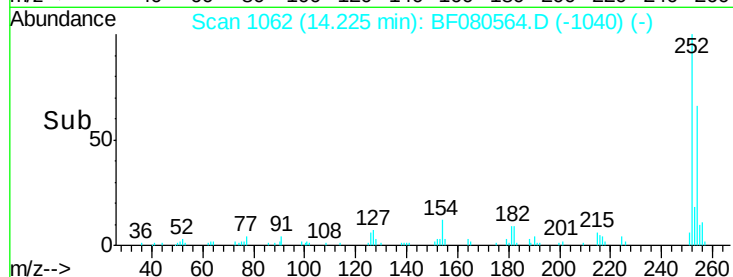
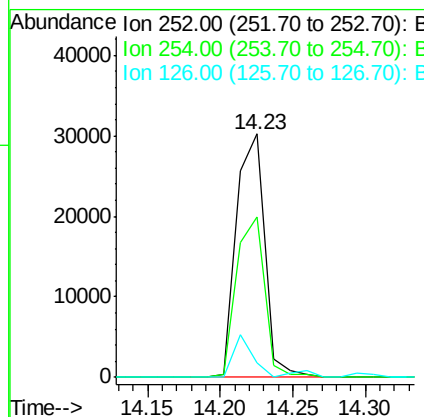
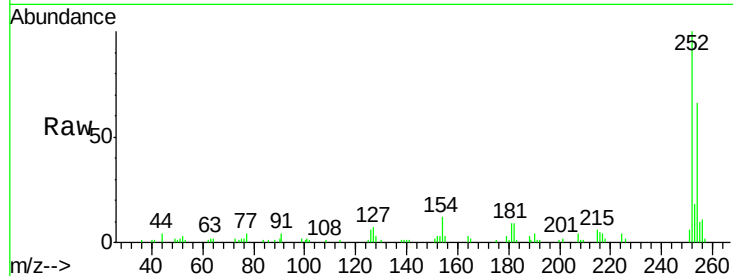
#81  
 3,3'-Dichlorobenzidine  
 Concen: 35.95 ng  
 RT: 14.23 min Scan# 1062  
 Delta R.T. -0.04 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 65.9  | 49.2       | 73.8  |
| 126     | 6.0   | 8.1        | 12.1  |

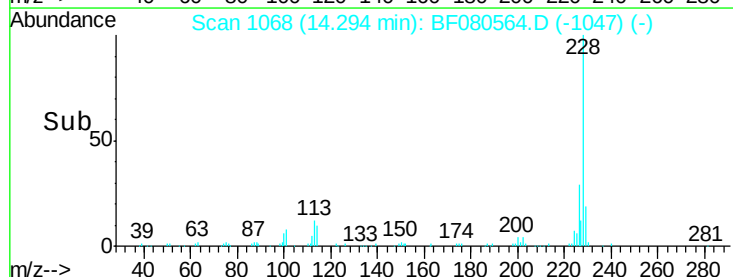
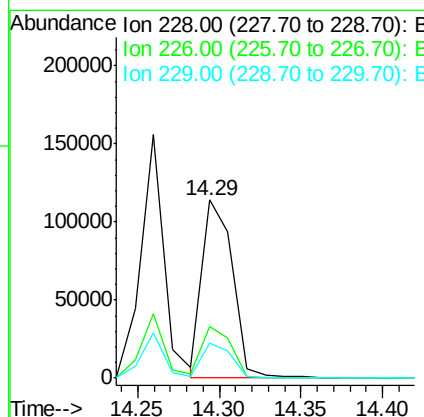
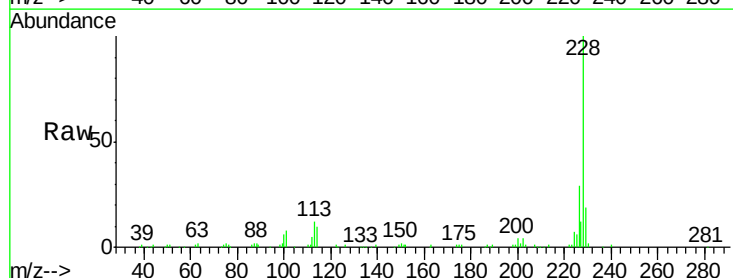
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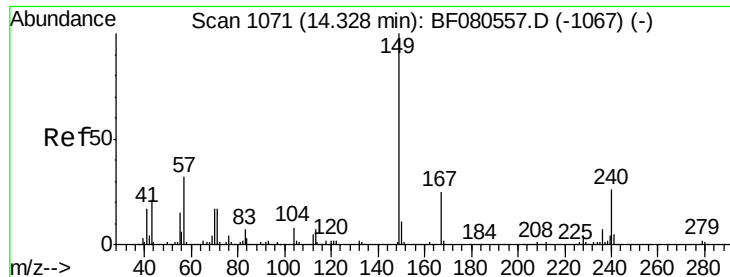
apatel  
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#82  
 Chrysene  
 Concen: 39.08 ng  
 RT: 14.29 min Scan# 1068  
 Delta R.T. -0.06 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 29.2  | 23.0       | 34.6  |
| 229     | 19.3  | 15.0       | 22.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.42 ng

RT: 14.27 min Scan# 1066

Delta R.T. -0.06 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

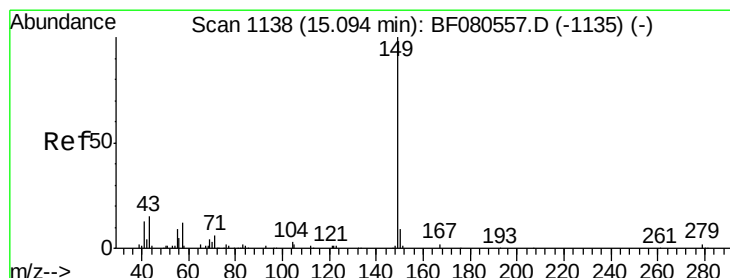
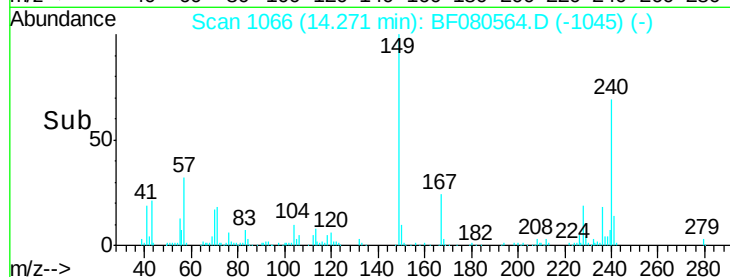
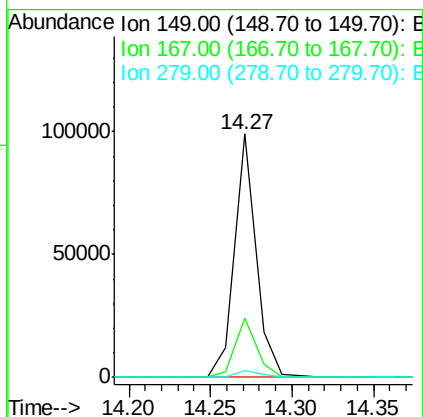
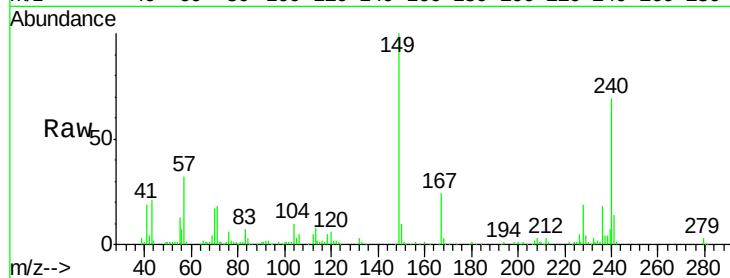
ClientSampleId :

ICVBF072215

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 90111 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 24.4  | 20.2  | 30.2  |
| 279       | 2.7   | 2.0   | 3.0   |

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#84

Di-n-octyl phthalate

Concen: 38.21 ng

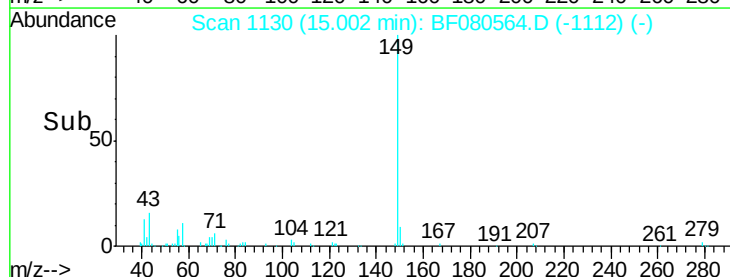
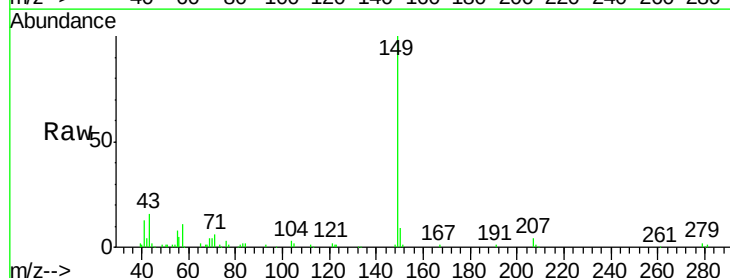
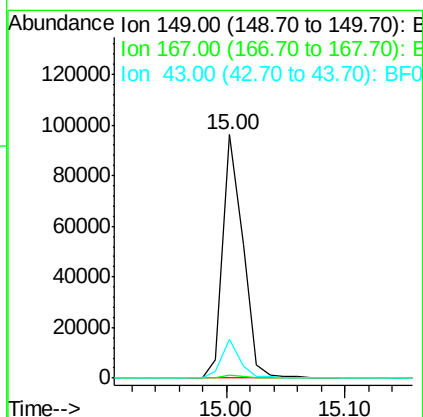
RT: 15.00 min Scan# 1130

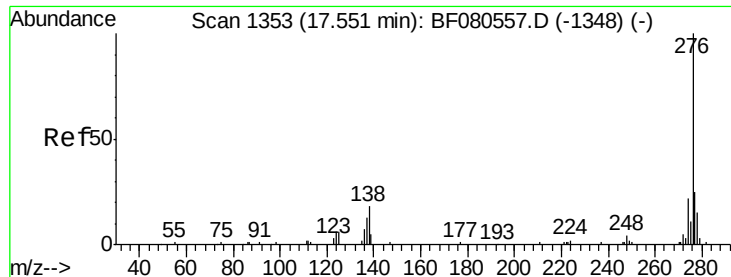
Delta R.T. -0.09 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 112541 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.3   | 1.2   | 1.8    |
| 43        | 14.6  | 12.5  | 18.7   |





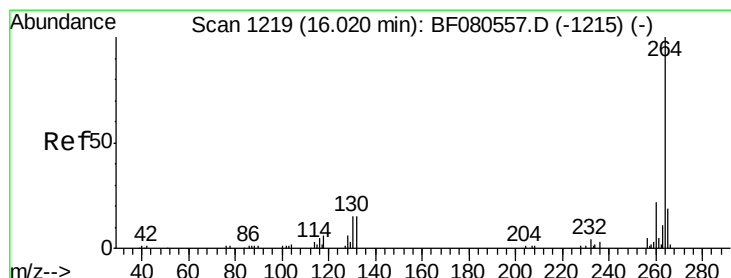
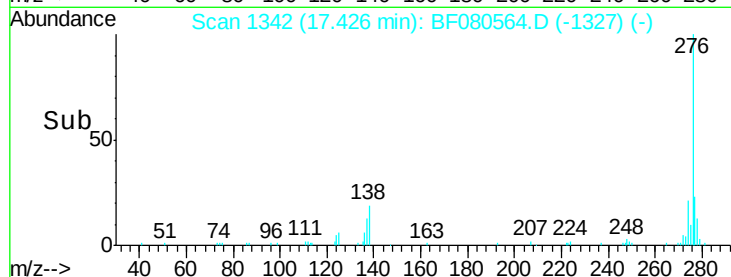
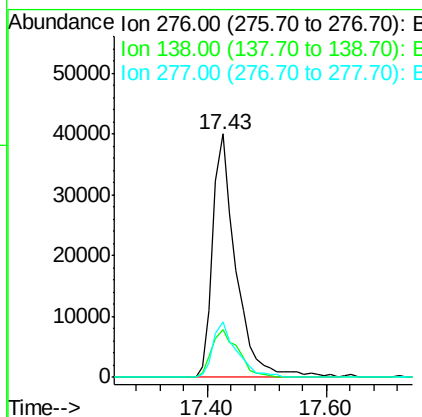
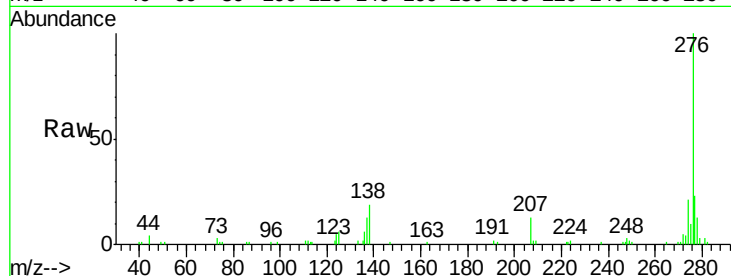
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 40.35 ng  
 RT: 17.43 min Scan# 1342  
 Delta R.T. -0.13 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

Instrument :  
 BNA\_F  
 ClientSampleId :  
 ICVBF072215

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 108795 |       |       |
| 138     | 22.3  | 18.9   | 28.3  |       |
| 277     | 23.2  | 19.9   | 29.9  |       |

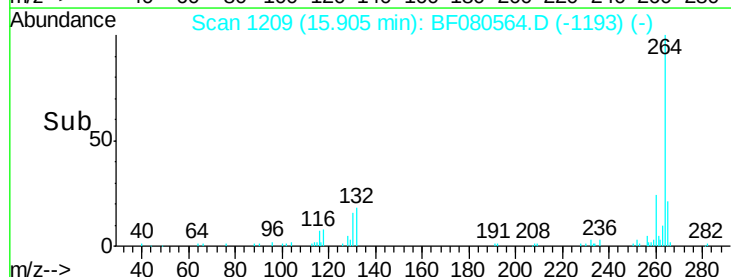
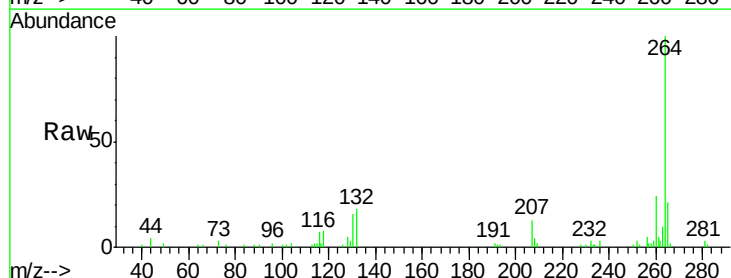
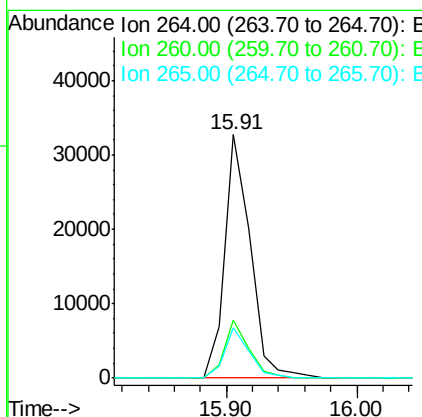
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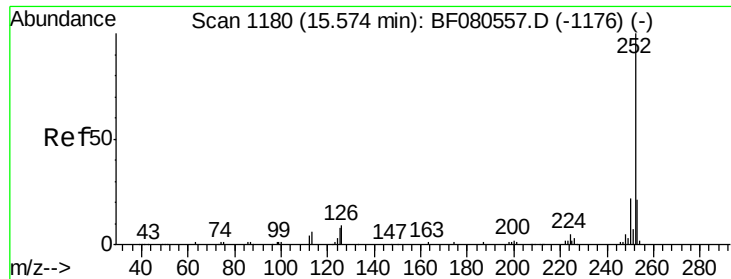
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.91 min Scan# 1209  
 Delta R.T. -0.11 min  
 Lab File: BF080564.D  
 Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 264     | 100   | 44635 |       |       |
| 260     | 23.9  | 17.8  | 26.8  |       |
| 265     | 20.8  | 15.6  | 23.4  |       |





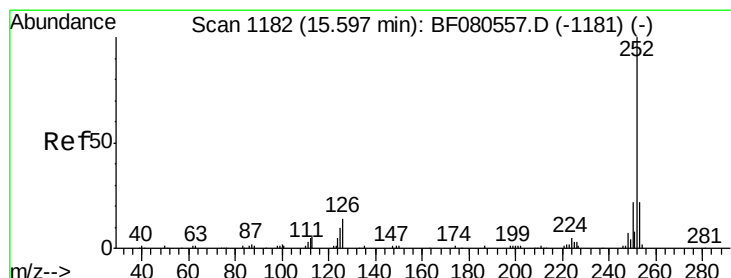
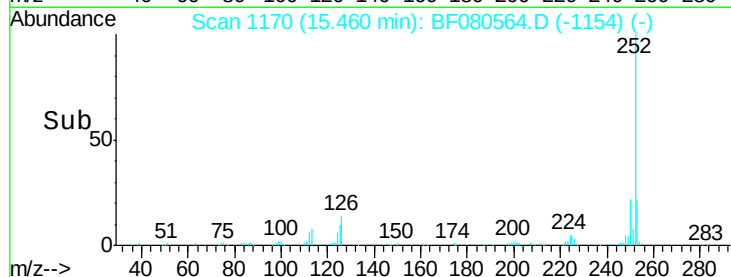
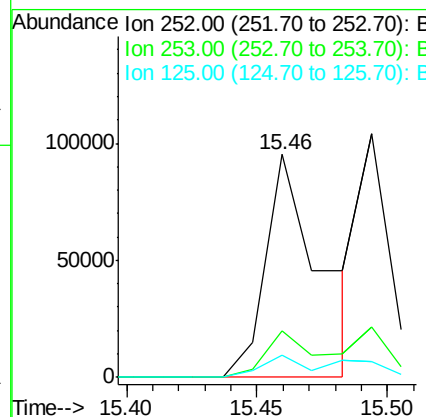
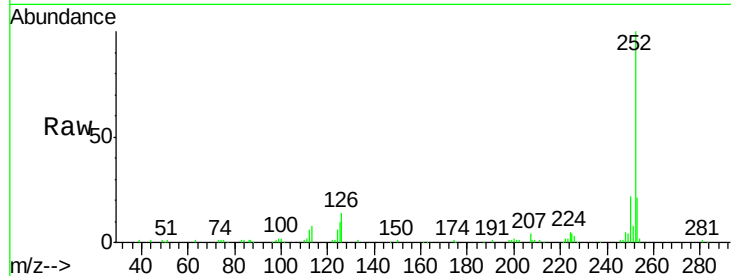
#87  
Benzo(b)fluoranthene  
Concen: 49.24 ng  
RT: 15.46 min Scan# 1170  
Delta R.T. -0.11 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF072215

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 20.8  | 16.6       | 25.0  |
| 125     | 10.2  | 6.1        | 9.1   |

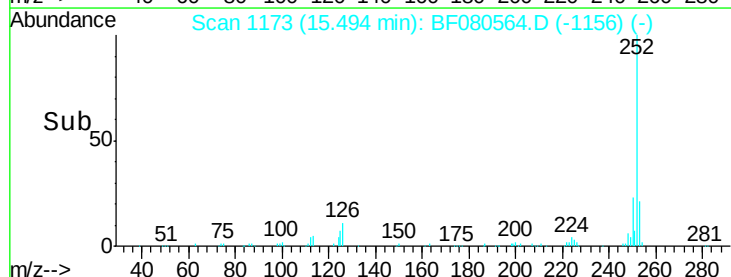
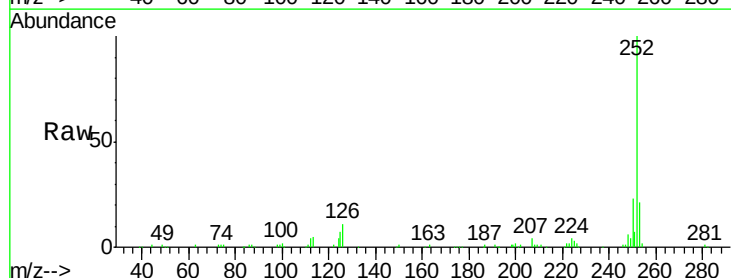
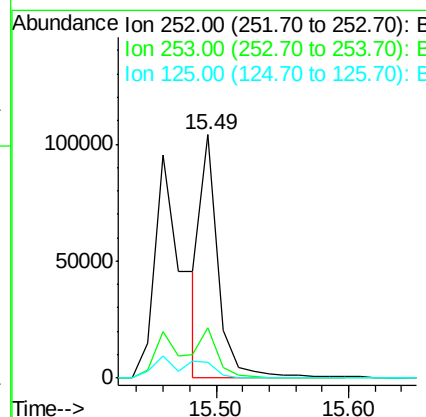
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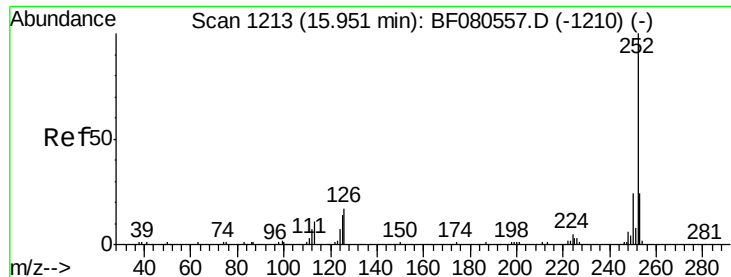


#88  
Benzo(k)fluoranthene  
Concen: 33.99 ng m  
RT: 15.49 min Scan# 1173  
Delta R.T. -0.10 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 253     | 20.9  | 17.0       | 25.6  |
| 125     | 6.7   | 8.6        | 13.0  |







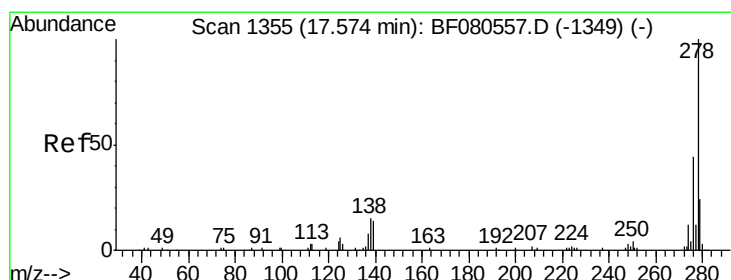
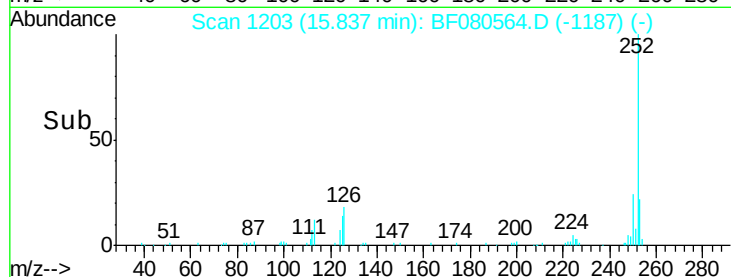
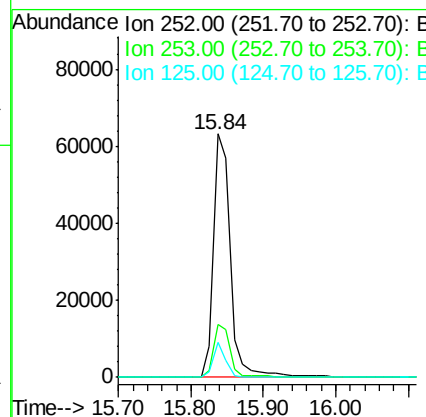
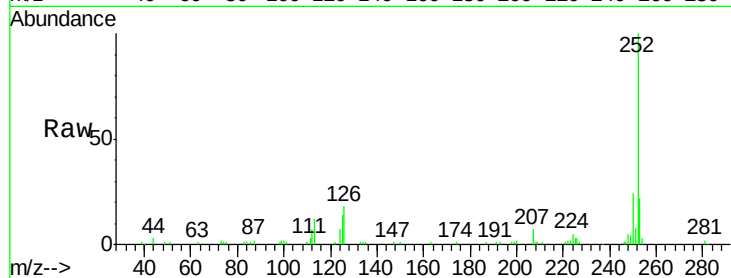
#89  
Benzo(a)pyrene  
Concen: 42.20 ng  
RT: 15.84 min Scan# 1203  
Delta R.T. -0.11 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

Instrument :  
BNA\_F  
ClientSampleId :  
ICVBF072215

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 19.0  | 28.6  |
| 125     | 14.2  | 11.2  | 16.8  |

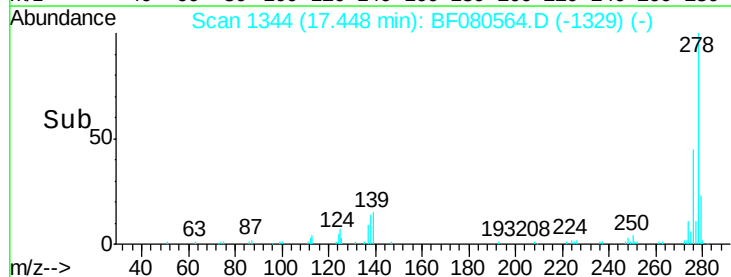
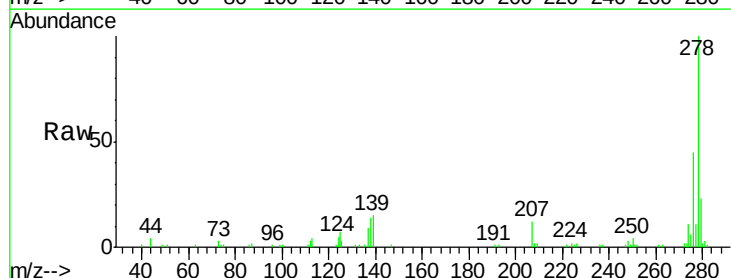
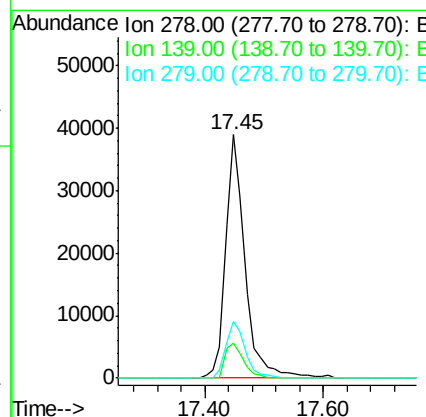
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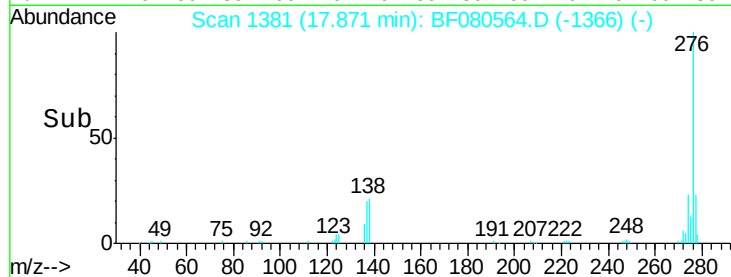
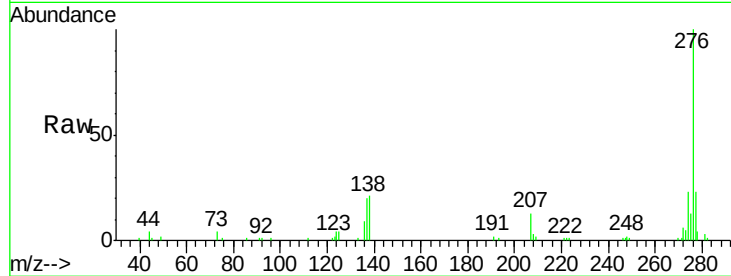
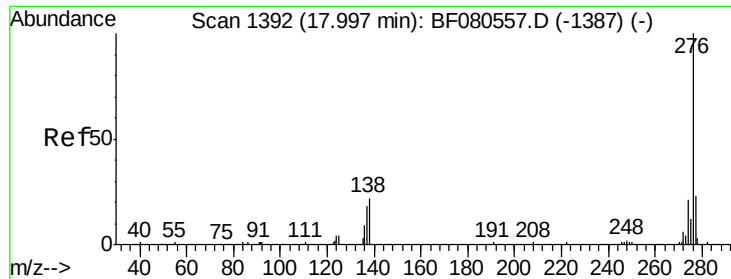
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#90  
Dibenzo(a,h)anthracene  
Concen: 42.59 ng  
RT: 17.45 min Scan# 1344  
Delta R.T. -0.13 min  
Lab File: BF080564.D  
Acq: 22 Jul 2015 19:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.6  | 11.6  | 17.4  |
| 279     | 23.4  | 18.9  | 28.3  |





#91

Benzo(g,h,i)perylene

Concen: 42.64 ng

RT: 17.87 min Scan# 1381

Delta R.T. -0.13 min

Lab File: BF080564.D

Acq: 22 Jul 2015 19:15

Instrument :

BNA\_F

ClientSampleId :

ICVBF072215

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 276   | Resp: | 90016 |
| Ion Ratio | Lower | Upper |       |
| 276       | 100   |       |       |
| 277       | 22.7  | 18.0  | 27.0  |
| 138       | 21.1  | 17.8  | 26.6  |

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