

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF081115\  
 Data File : BF080970.D  
 Acq On : 11 Aug 2015 19:37  
 Operator : UM/IZ  
 Sample : PB84838BSD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

Manual Integrations  
 APPROVED

apatel  
 8/12/2015 8:34:27 AM

Quant Time: Aug 12 15:09:21 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 12 14:59:04 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.78  | 152  | 58796    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.08  | 136  | 226801   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.82  | 164  | 120711   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 11.30 | 188  | 226425   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 13.93 | 240  | 192884   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 15.32 | 264  | 157297   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.39  | 112 | 443714 | 123.30 | ng | 0.01  |
| 7) Phenol-d6             | 6.43  | 99  | 570093 | 115.61 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 427617 | 89.18  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.61 | 330 | 141399 | 106.62 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 9.15  | 172 | 671537 | 78.32  | ng | -0.02 |
| 78) Terphenyl-d14        | 12.89 | 244 | 700485 | 75.01  | ng | -0.02 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.44 | 88  | 50180  | 29.40 | ng | 92     |
| 3) Pyridine                    | 3.13 | 79  | 142080 | 29.35 | ng | 91     |
| 4) n-Nitrosodimethylamine      | 3.08 | 42  | 94576  | 38.28 | ng | 88     |
| 6) Aniline                     | 6.45 | 93  | 205713 | 28.39 | ng | 94     |
| 8) 2-Chlorophenol              | 6.57 | 128 | 147944 | 35.53 | ng | # 81   |
| 9) Benzaldehyde                | 6.33 | 77  | 111974 | 33.69 | ng | 97     |
| 10) Phenol                     | 6.44 | 94  | 253241 | 43.28 | ng | 77     |
| 11) bis(2-Chloroethyl)ether    | 6.52 | 93  | 154592 | 35.39 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146 | 162227 | 36.71 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 6.81 | 146 | 161008 | 35.06 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 6.96 | 146 | 141416 | 34.07 | ng | 99     |
| 15) Benzyl Alcohol             | 6.93 | 79  | 144463 | 35.80 | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 306023 | 34.82 | ng | 99     |
| 17) 2-Methylphenol             | 7.05 | 107 | 133177 | 37.47 | ng | # 92   |
| 18) Hexachloroethane           | 7.30 | 117 | 66740  | 37.93 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70  | 126210 | 35.02 | ng | 96     |
| 20) 3+4-Methylphenols          | 7.21 | 107 | 184655 | 41.36 | ng | # 83   |
| 22) Acetophenone               | 7.20 | 105 | 246165 | 44.30 | ng | # 97   |
| 24) Nitrobenzene               | 7.37 | 77  | 178154 | 36.09 | ng | 100    |
| 25) Isophorone                 | 7.62 | 82  | 308175 | 33.42 | ng | 97     |
| 26) 2-Nitrophenol              | 7.69 | 139 | 72133  | 34.72 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 164200 | 42.22 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93  | 195819 | 35.37 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 7.93 | 162 | 119730 | 37.47 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180 | 127726 | 36.57 | ng | 98     |
| 31) Naphthalene                | 8.10 | 128 | 439171 | 35.13 | ng | 99     |
| 32) Benzoic acid               | 7.86 | 122 | 101819 | 43.73 | ng | 90     |
| 33) 4-Chloroaniline            | 8.14 | 127 | 111892 | 22.02 | ng | 95     |
| 34) Hexachlorobutadiene        | 8.21 | 225 | 76100  | 36.61 | ng | 97     |
| 35) Caprolactam                | 8.52 | 113 | 48055m | 41.80 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.64 | 107 | 171732 | 44.04 | ng | 94     |
| 37) 2-Methylnaphthalene        | 8.78 | 142 | 311074 | 39.09 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 131568 | 35.35 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.94 | 237 | 171391 | 84.40 | ng | 98     |

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Instrument :  
 BNA\_F  
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 PB84838BSD

Manual Integrations  
 APPROVED

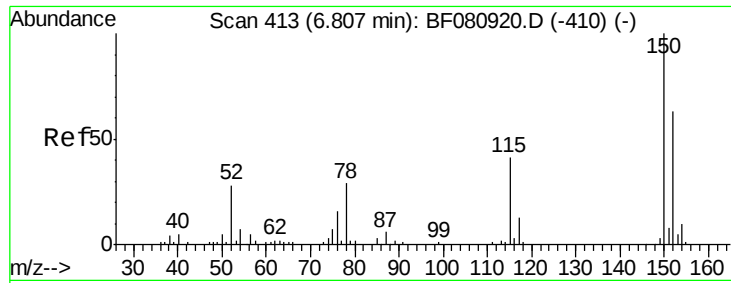
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 8/12/2015 8:34:27 AM

Quant Time: Aug 12 15:09:21 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF080715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 12 14:59:04 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.07  | 196  | 86997    | 31.90 | ng    | 95       |
| 43) 2,4,5-Trichlorophenol      | 9.10  | 196  | 114323   | 41.60 | ng #  | 87       |
| 45) 1,1'-Biphenyl              | 9.25  | 154  | 443008   | 42.76 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.28  | 162  | 325634   | 40.32 | ng    | 99       |
| 47) 2-Nitroaniline             | 9.37  | 65   | 119542   | 36.91 | ng    | 95       |
| 48) Acenaphthylene             | 9.69  | 152  | 515135   | 36.69 | ng    | 99       |
| 49) Dimethylphthalate          | 9.56  | 163  | 381855   | 38.08 | ng #  | 98       |
| 50) 2,6-Dinitrotoluene         | 9.62  | 165  | 83533    | 40.32 | ng #  | 48       |
| 51) Acenaphthene               | 9.86  | 154  | 350423   | 40.75 | ng    | 100      |
| 52) 3-Nitroaniline             | 9.78  | 138  | 60164    | 23.56 | ng    | 99       |
| 53) 2,4-Dinitrophenol          | 9.88  | 184  | 74269    | 60.62 | ng #  | 64       |
| 54) Dibenzofuran               | 10.03 | 168  | 446859   | 38.43 | ng    | 99       |
| 55) 4-Nitrophenol              | 9.95  | 139  | 147309   | 77.06 | ng #  | 69       |
| 56) 2,4-Dinitrotoluene         | 10.02 | 165  | 119222   | 43.01 | ng #  | 77       |
| 57) Fluorene                   | 10.37 | 166  | 357896   | 39.79 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.14 | 232  | 81049m   | 37.26 | ng    |          |
| 59) Diethylphthalate           | 10.26 | 149  | 398782   | 38.21 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.36 | 204  | 146537   | 33.43 | ng    | 98       |
| 61) 4-Nitroaniline             | 10.40 | 138  | 84362    | 32.10 | ng    | 97       |
| 62) Azobenzene                 | 10.52 | 77   | 412753   | 35.37 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 10.42 | 198  | 48872    | 34.83 | ng #  | 64       |
| 65) n-Nitrosodiphenylamine     | 10.49 | 169  | 311311   | 39.57 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.85 | 248  | 93634    | 39.04 | ng    | 98       |
| 67) Hexachlorobenzene          | 10.91 | 284  | 99440    | 37.30 | ng #  | 56       |
| 68) Atrazine                   | 11.01 | 200  | 83155    | 36.05 | ng    | 98       |
| 69) Pentachlorophenol          | 11.12 | 266  | 113351   | 73.11 | ng    | 96       |
| 70) Phenanthrene               | 11.32 | 178  | 473576   | 36.94 | ng    | 98       |
| 71) Anthracene                 | 11.38 | 178  | 488424   | 38.48 | ng    | 100      |
| 72) Carbazole                  | 11.54 | 167  | 494484   | 40.01 | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.87 | 149  | 577226   | 37.35 | ng    | 99       |
| 74) Fluoranthene               | 12.51 | 202  | 585393   | 42.24 | ng    | 97       |
| 76) Benzidine                  | 12.64 | 184  | 383401   | 50.44 | ng    | 97       |
| 77) Pyrene                     | 12.74 | 202  | 573729   | 40.26 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.36 | 149  | 257391   | 37.47 | ng #  | 64       |
| 80) Benzo(a)anthracene         | 13.92 | 228  | 471485   | 38.70 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.88 | 252  | 91553    | 20.66 | ng #  | 97       |
| 82) Chrysene                   | 13.95 | 228  | 434366   | 37.23 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.92 | 149  | 333397   | 34.88 | ng #  | 95       |
| 84) Di-n-octyl phthalate       | 14.53 | 149  | 573758   | 35.41 | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 16.66 | 276  | 411320   | 37.05 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 14.93 | 252  | 464515m  | 42.47 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.96 | 252  | 345083m  | 36.06 | ng    |          |
| 89) Benzo(a)pyrene             | 15.27 | 252  | 379062   | 40.32 | ng #  | 96       |
| 90) Dibenzo(a,h)anthracene     | 16.68 | 278  | 342645   | 41.21 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.07 | 276  | 314929   | 38.94 | ng    | 97       |

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





#1

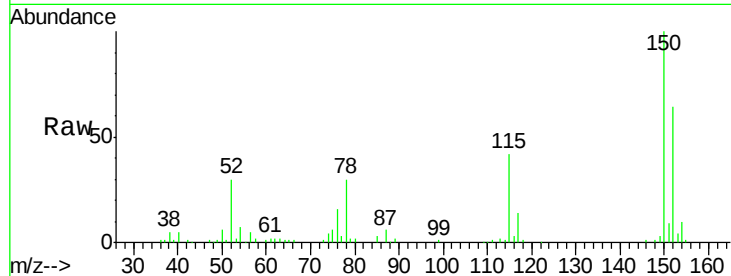
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Concen: 20.00 ng  
RT: 6.78 min Scan# 411  
Delta R.T. -0.02 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BSD

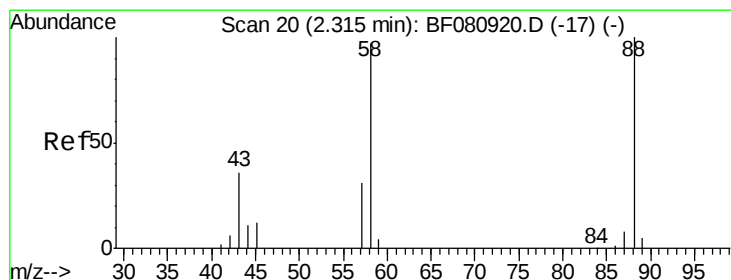
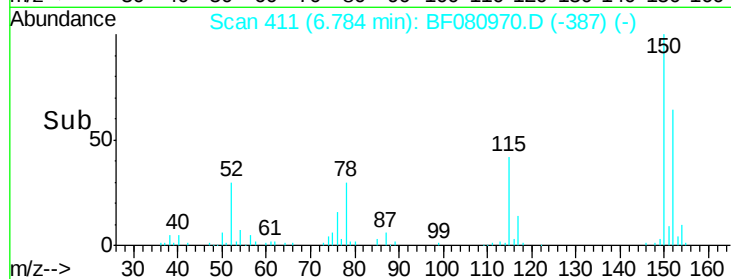
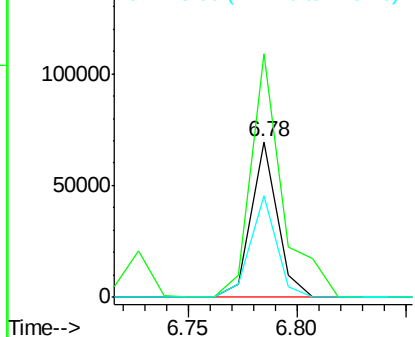
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.7 | 127.4 | 191.2 |
| 115     | 65.6  | 52.6  | 78.8  |

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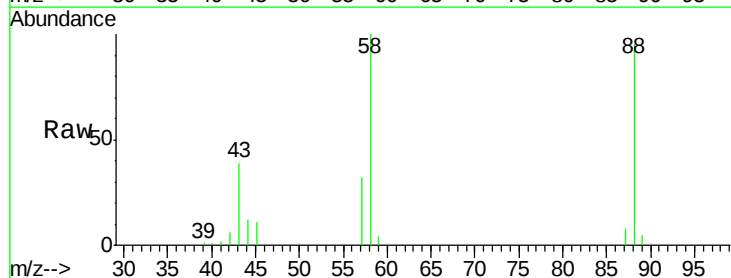
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



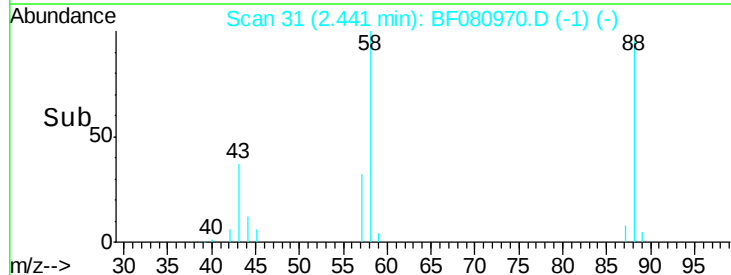
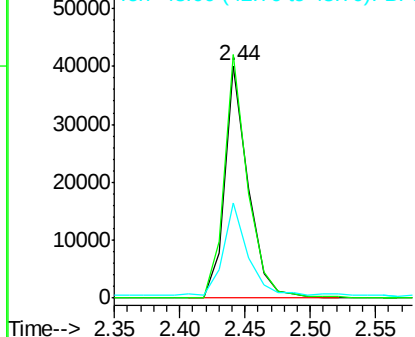
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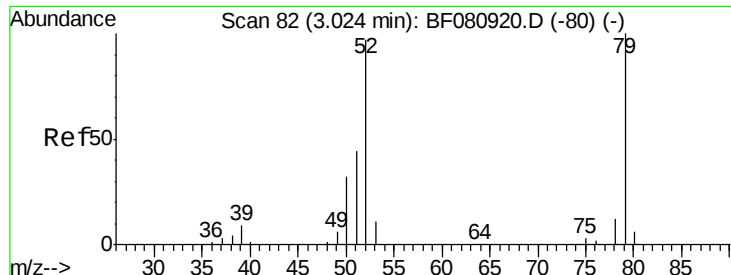
1,4-Dioxane  
Concen: 29.40 ng  
RT: 2.44 min Scan# 31  
Delta R.T. 0.13 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 105.7 | 79.3  | 118.9 |
| 43      | 42.1  | 28.3  | 42.5  |



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





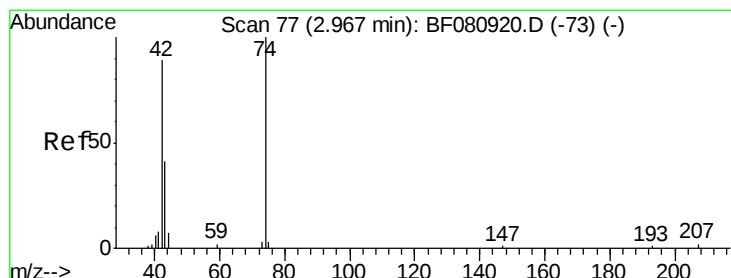
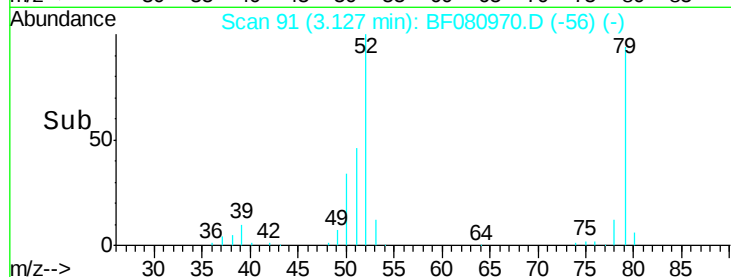
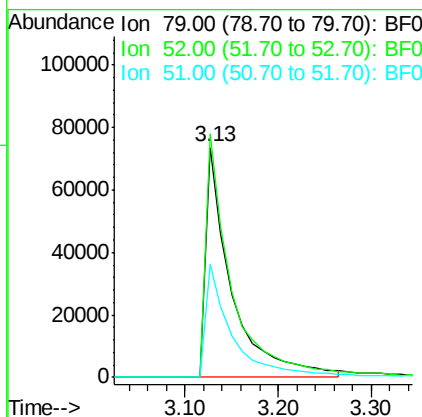
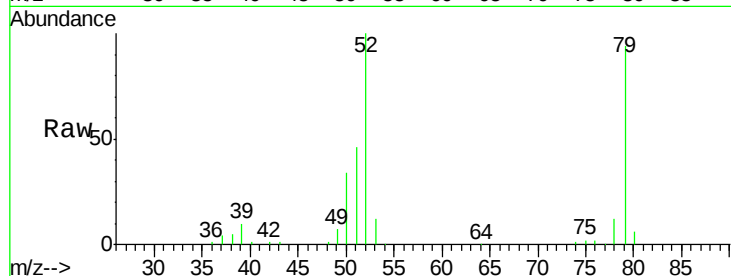
#3  
 Pyridine  
 Concen: 29.35 ng  
 RT: 3.13 min Scan# 91  
 Delta R.T. 0.10 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 106.0 | 77.2  | 115.8 |
| 51      | 49.2  | 35.0  | 52.4  |

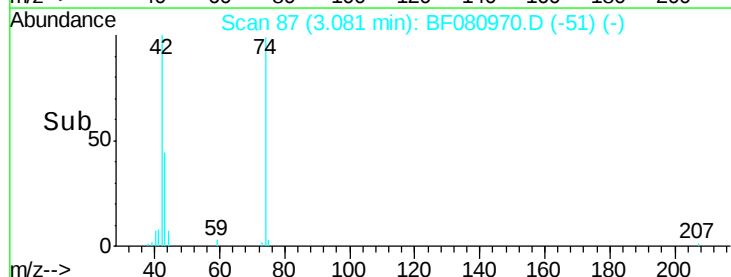
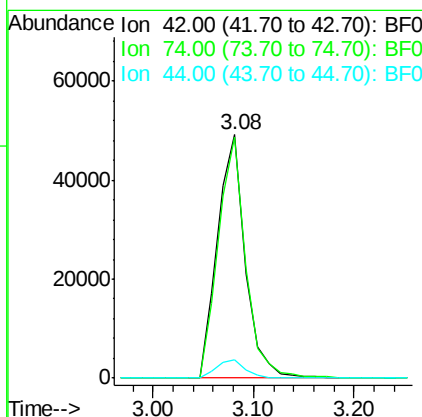
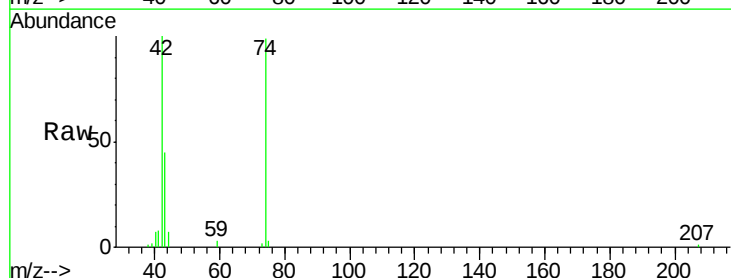
Manual Integrations  
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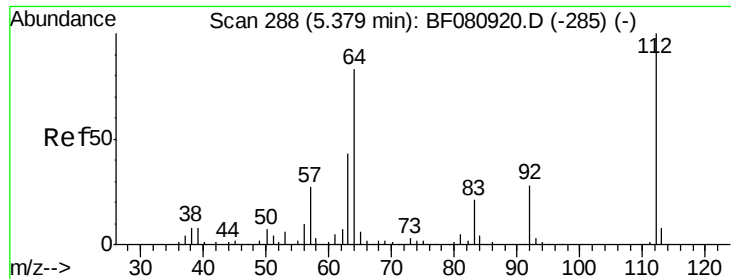
apatel  
 8/12/2015 8:34:27 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 38.28 ng  
 RT: 3.08 min Scan# 87  
 Delta R.T. 0.11 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 99.0  | 89.8  | 134.8 |
| 44      | 7.4   | 6.5   | 9.7   |





#5

2-Fluorophenol

Concen: 123.30 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080970.D

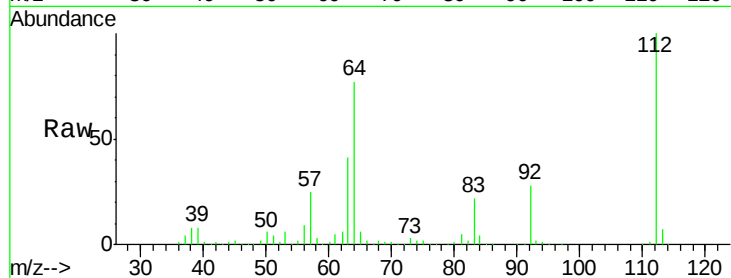
Acq: 11 Aug 2015 19:37

Instrument :

BNA\_F

ClientSampleId :

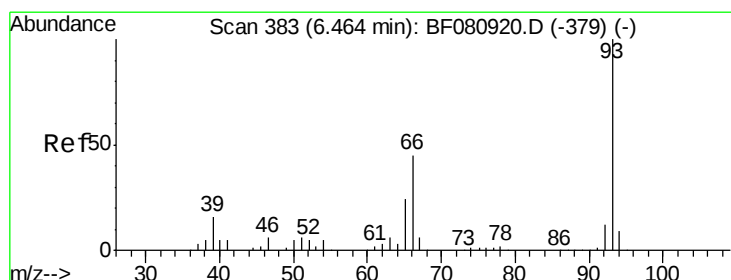
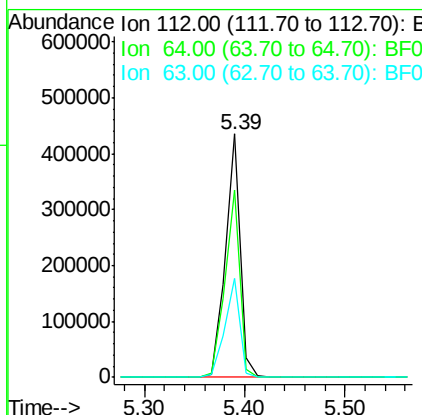
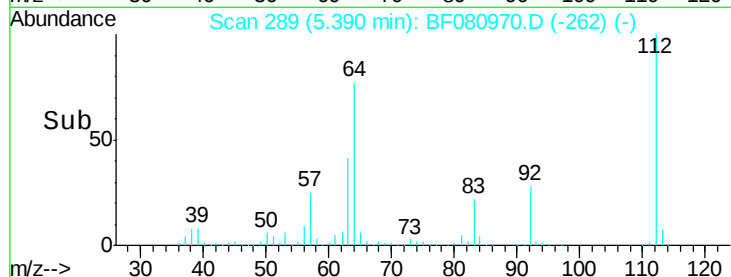
PB84838BSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 443714 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 77.0  | 66.1  | 99.1   |
| 63        | 40.8  | 34.6  | 52.0   |

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#6

Aniline

Concen: 28.39 ng

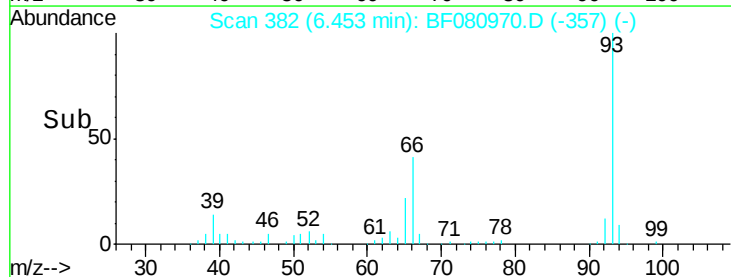
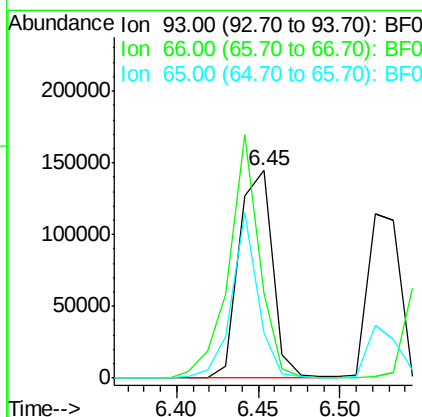
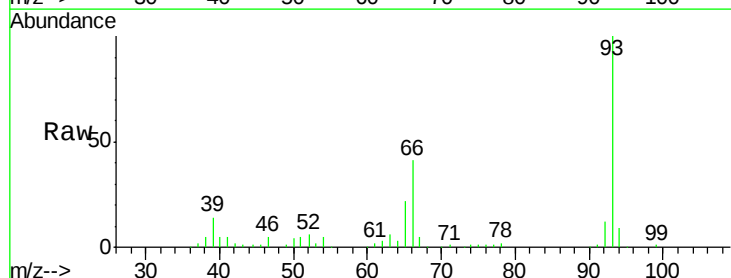
RT: 6.45 min Scan# 382

Delta R.T. -0.01 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 205713 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 41.1  | 36.2  | 54.4   |
| 65        | 21.6  | 19.0  | 28.4   |





#7

Phenol-d6

Concen: 115.61 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA\_F

ClientSampleId :

PB84838BSD

Tgt Ion: 99 Resp: 570093

Ion Ratio Lower Upper

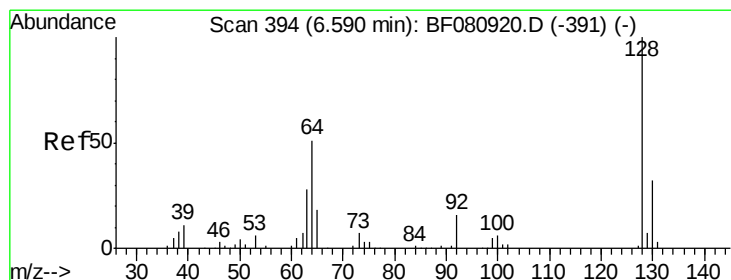
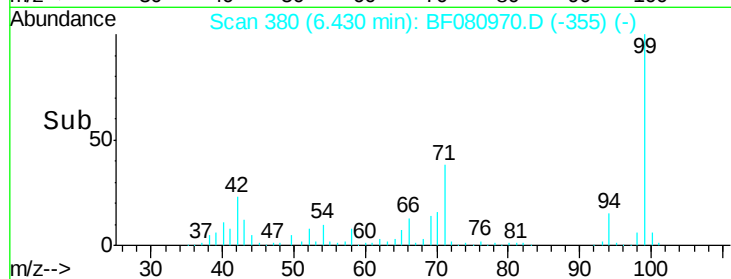
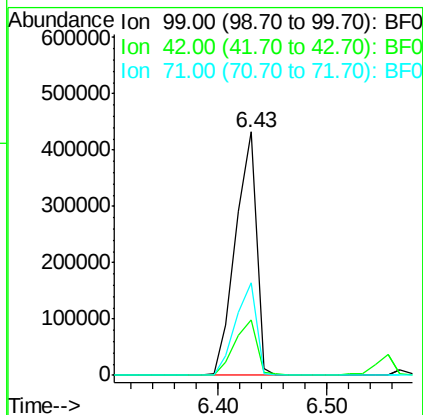
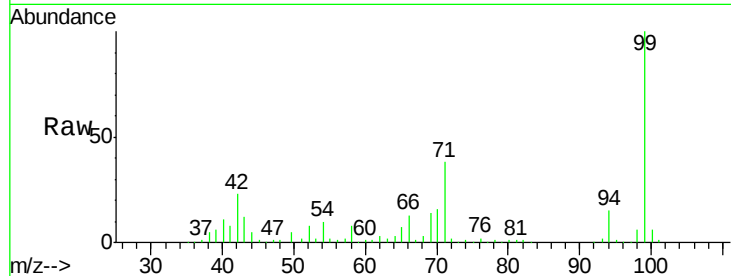
99 100

42 22.6 14.4 21.6#

71 38.0 25.8 38.8

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#8

2-Chlorophenol

Concen: 35.53 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

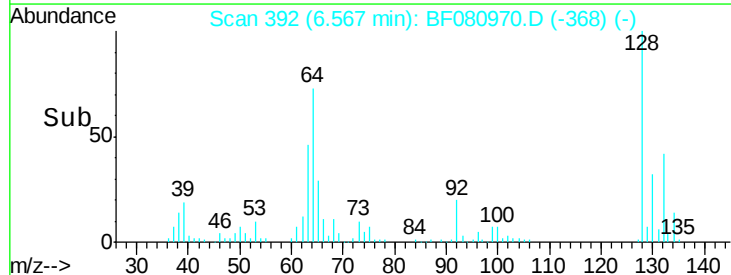
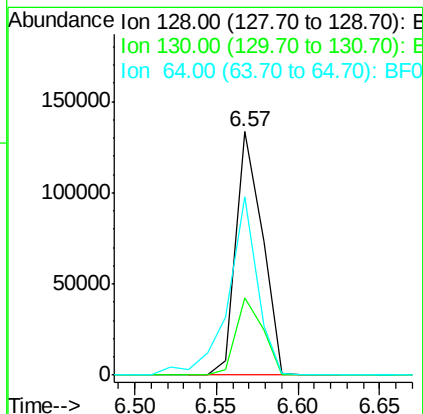
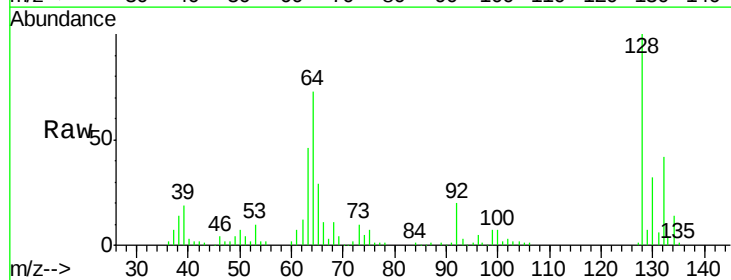
Tgt Ion: 128 Resp: 147944

Ion Ratio Lower Upper

128 100

130 31.6 12.4 52.4

64 73.4 32.1 72.1#





#9

Benzaldehyde

Concen: 33.69 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF080970.D

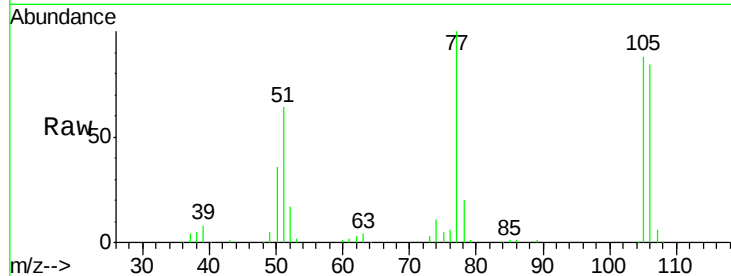
Acq: 11 Aug 2015 19:37

Instrument :

BNA\_F

ClientSampleId :

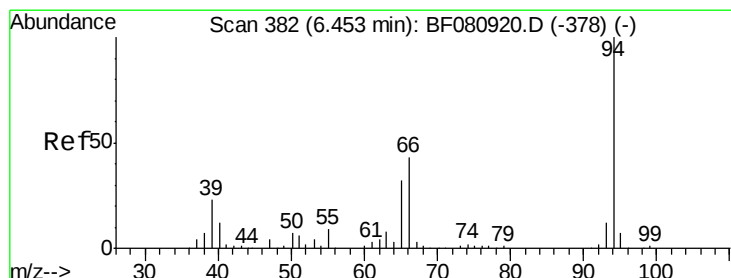
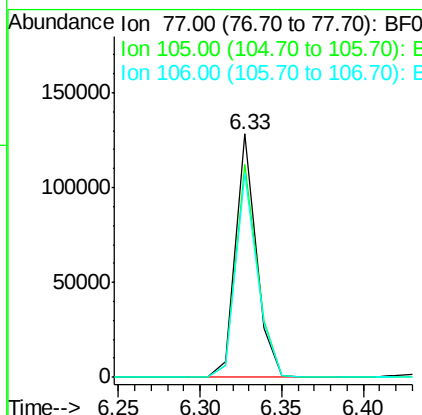
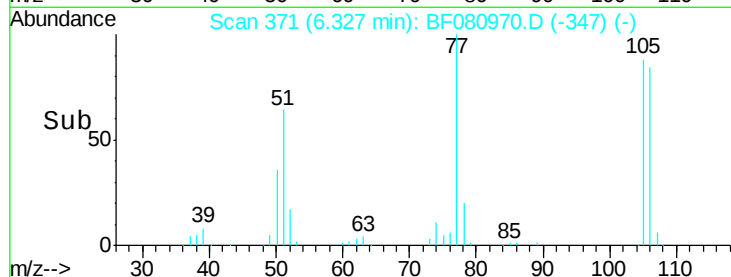
PB84838BSD



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 111974 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 105      | 87.7  | 71.6  | 111.6  |
| 106      | 83.6  | 65.7  | 105.7  |

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#10

Phenol

Concen: 43.28 ng

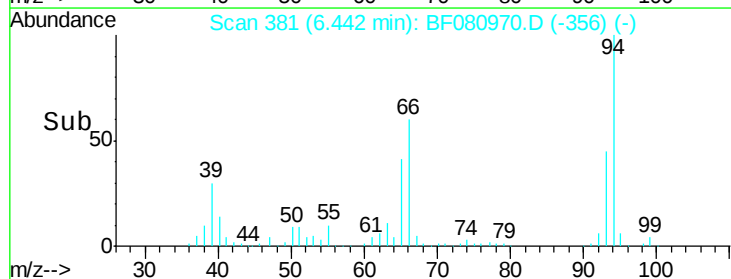
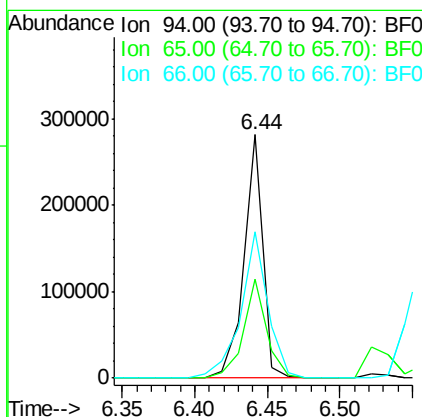
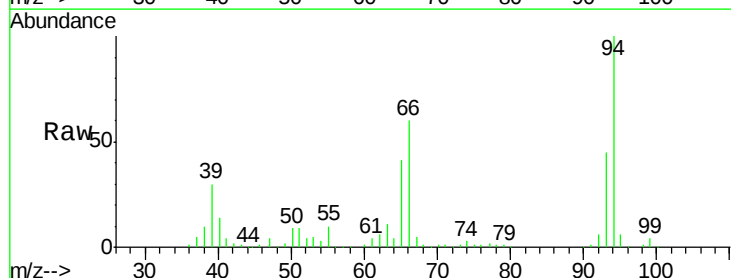
RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 253241 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 40.9  | 11.8  | 51.8   |
| 66       | 60.3  | 22.9  | 62.9   |





#11

bis(2-Chloroethyl)ether

Concen: 35.39 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA\_F

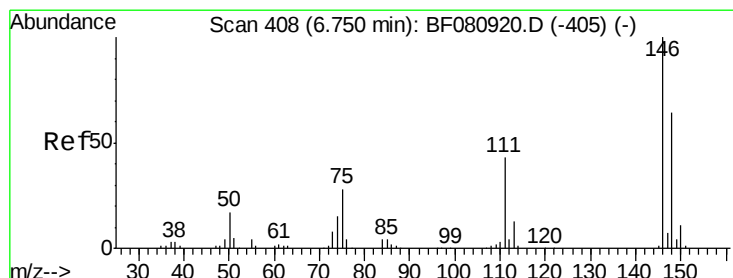
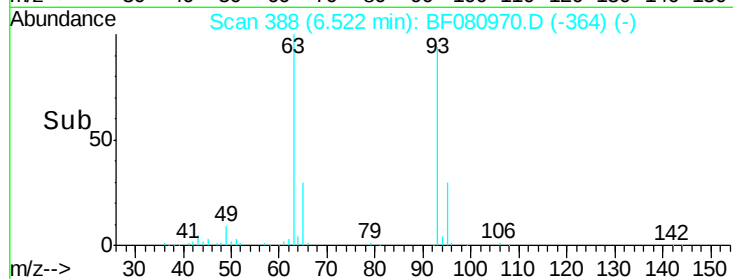
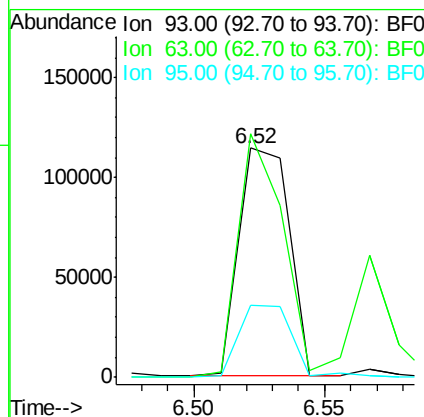
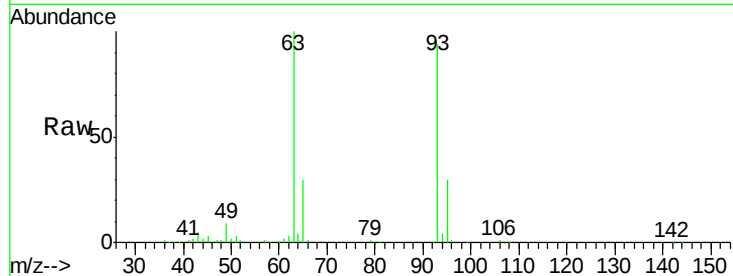
ClientSampleId :

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|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 154592 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 106.2 | 76.7  | 116.7  |
| 95       | 31.4  | 12.3  | 52.3   |



#12

1,3-Dichlorobenzene

Concen: 36.71 ng

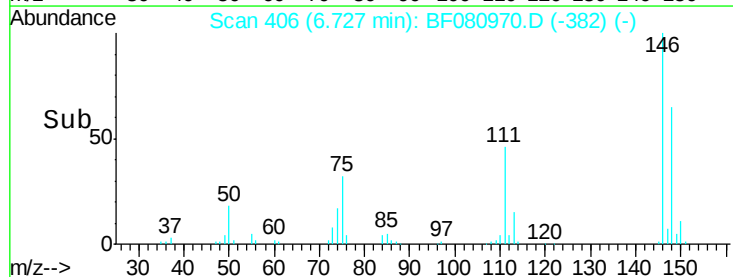
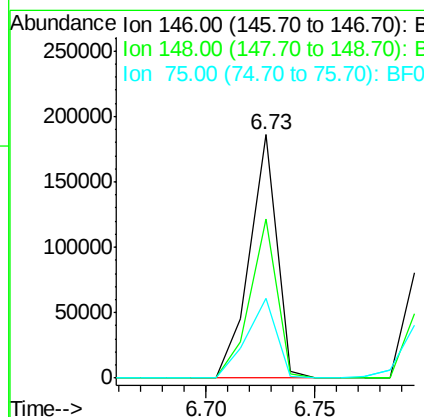
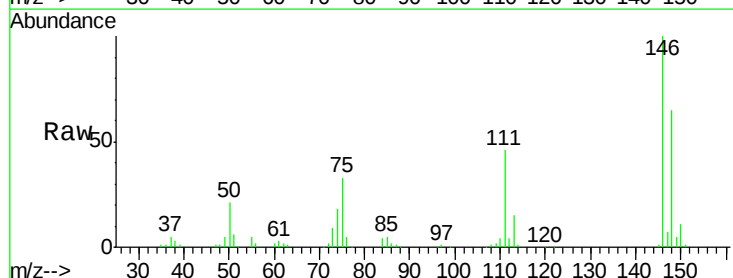
RT: 6.73 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 162227 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 65.3  | 51.4  | 77.0   |
| 75       | 32.9  | 22.2  | 33.4   |





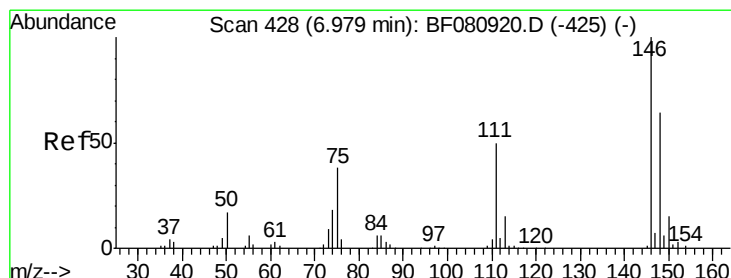
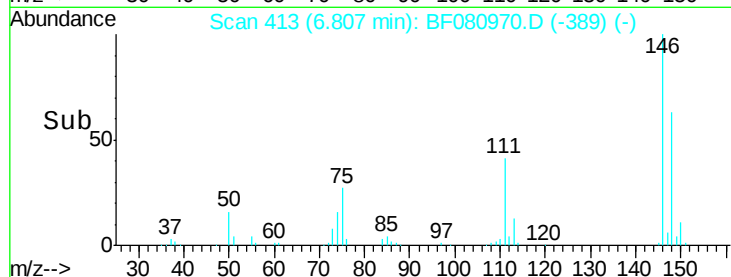
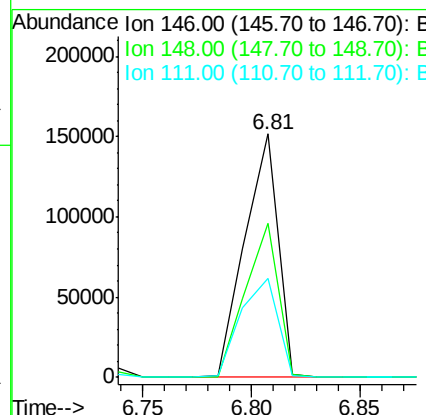
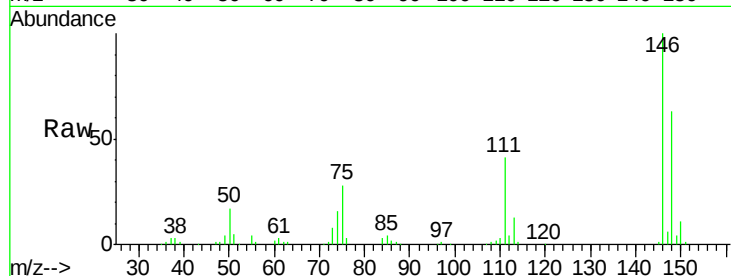
#13  
 1,4-Dichlorobenzene  
 Concen: 35.06 ng  
 RT: 6.81 min Scan# 413  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 161008 |       |       |
| 148     | 63.1  | 52.2   | 78.4  |       |
| 111     | 40.9  | 31.5   | 47.3  |       |

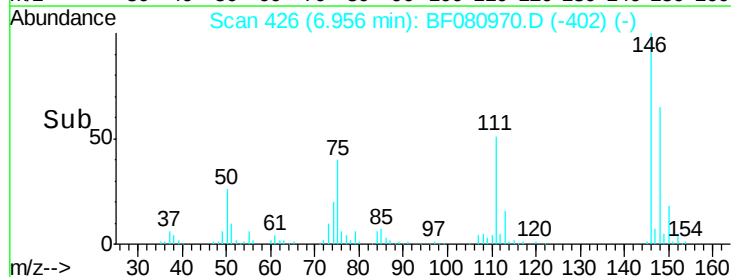
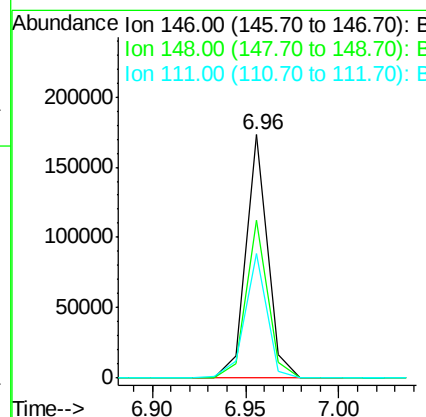
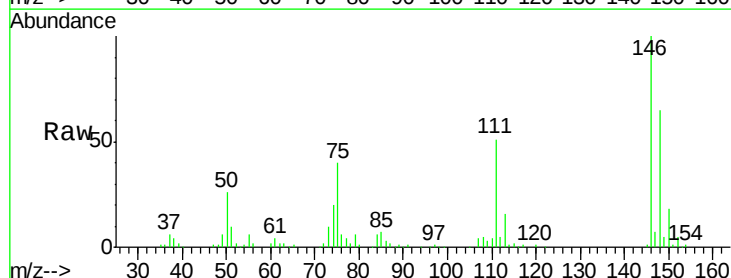
Manual Integrations  
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#14  
 1,2-Dichlorobenzene  
 Concen: 34.07 ng  
 RT: 6.96 min Scan# 426  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 141416 |       |       |
| 148     | 64.8  | 51.1   | 76.7  |       |
| 111     | 51.1  | 40.0   | 60.0  |       |





#15

Benzyl Alcohol

Concen: 35.80 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA\_F

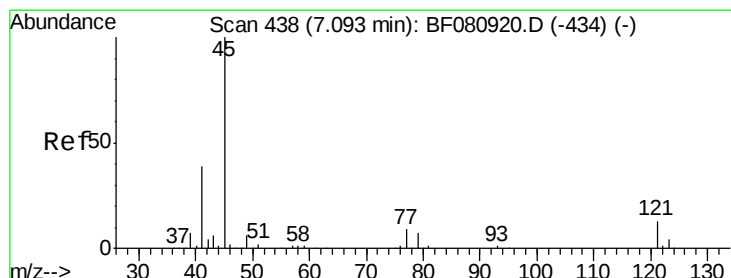
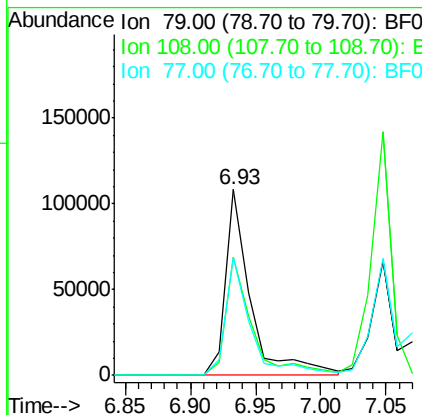
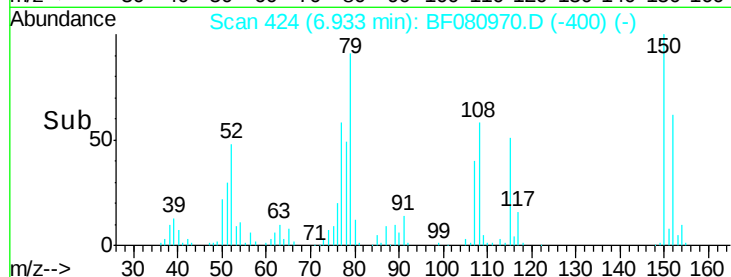
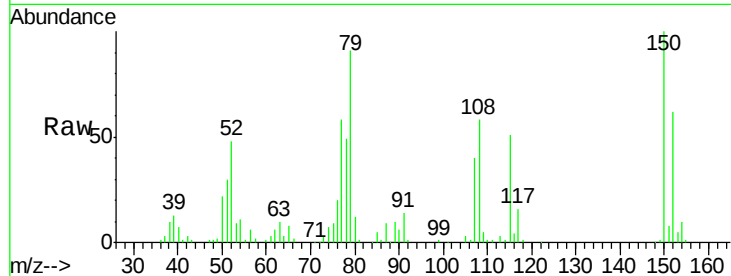
ClientSampleId :

PB84838BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 144463 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 63.6  | 60.9  | 91.3   |
| 77        | 63.6  | 49.4  | 74.0   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.82 ng

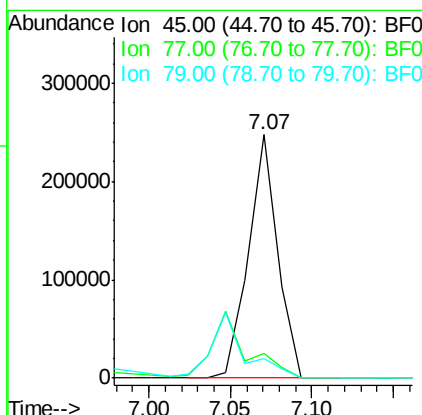
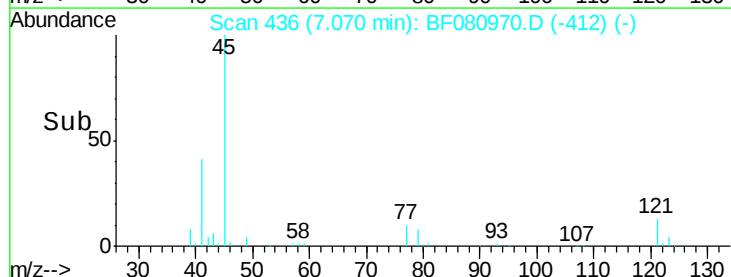
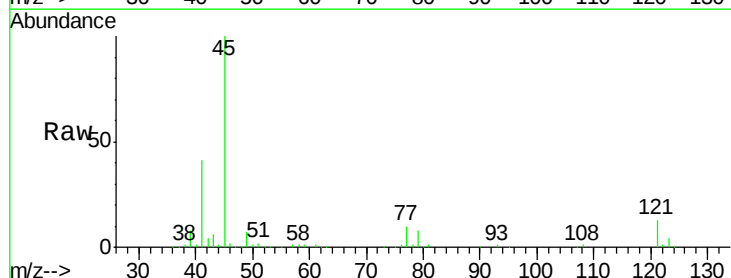
RT: 7.07 min Scan# 436

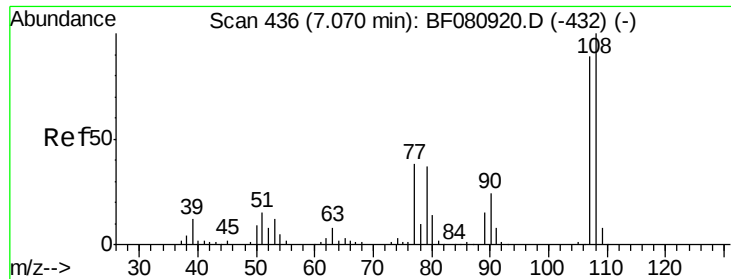
Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 306023 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 10.0  | 0.0   | 29.6   |
| 79        | 7.9   | 0.0   | 27.7   |





#17

2-Methylphenol

Concen: 37.47 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF080970.D

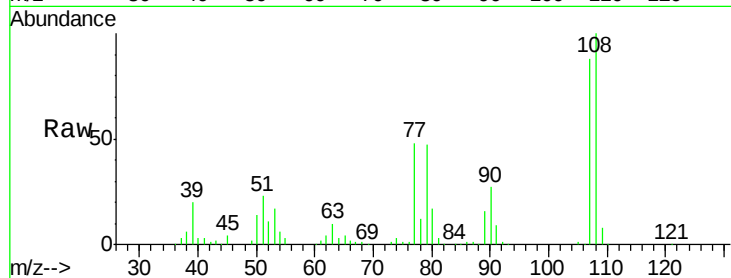
Acq: 11 Aug 2015 19:37

Instrument :

BNA\_F

ClientSampleId :

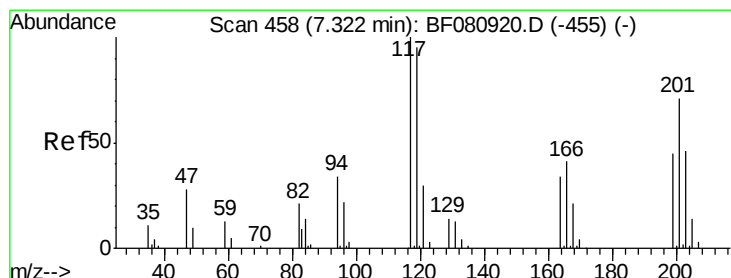
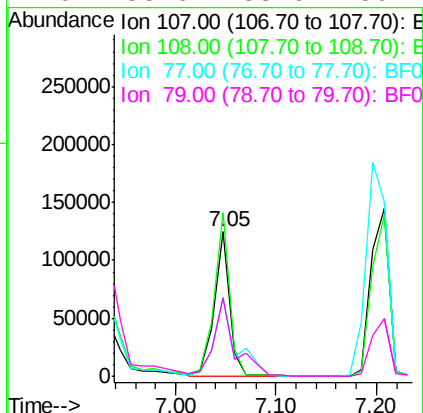
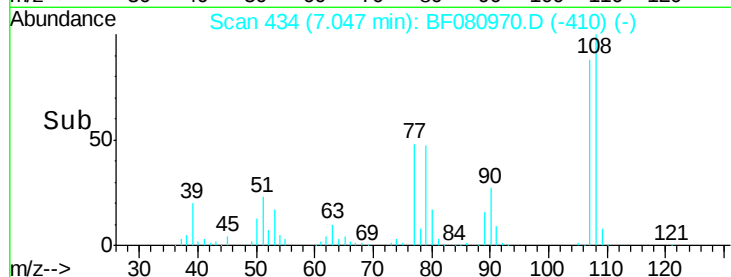
PB84838BSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 133177 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 113.9 | 90.3  | 135.5  |
| 77        | 54.8  | 34.6  | 51.8#  |
| 79        | 53.6  | 33.6  | 50.4#  |

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#18

Hexachloroethane

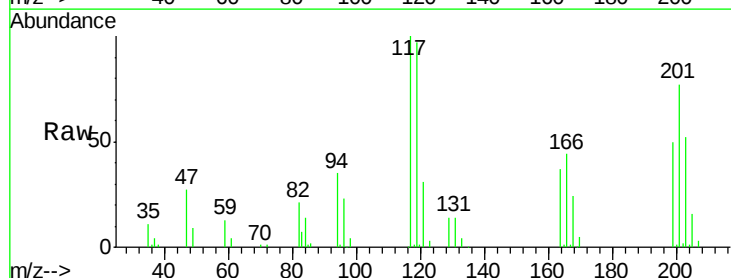
Concen: 37.93 ng

RT: 7.30 min Scan# 456

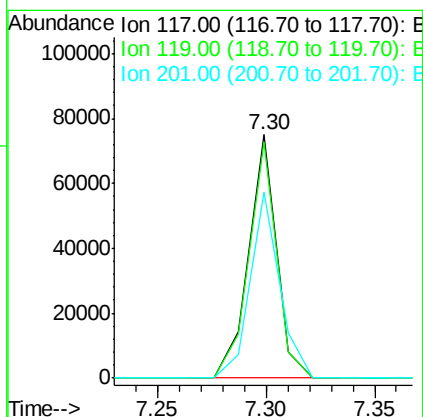
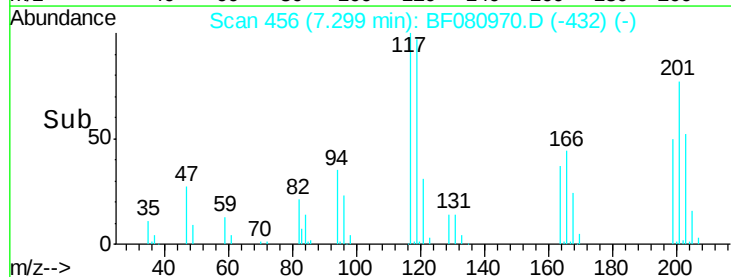
Delta R.T. -0.02 min

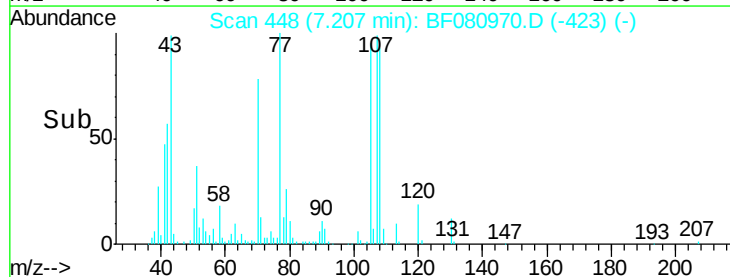
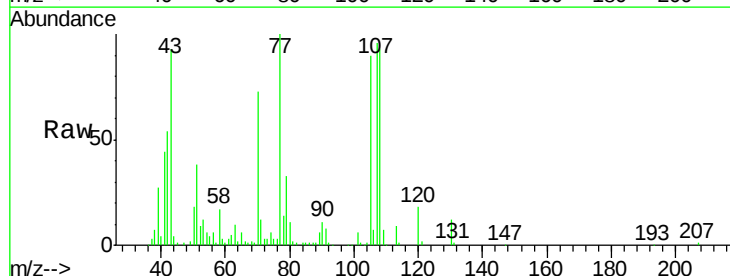
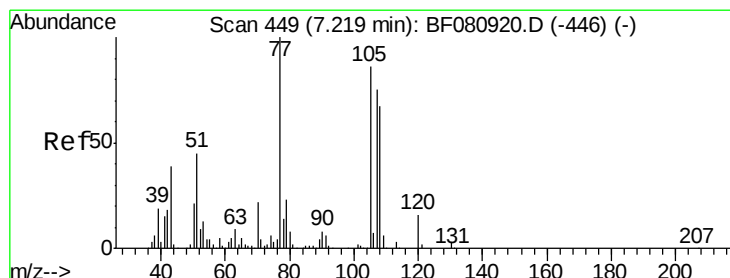
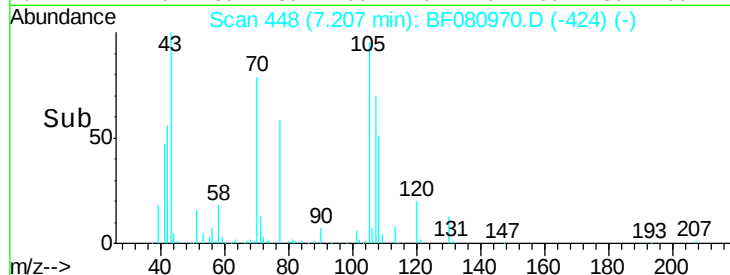
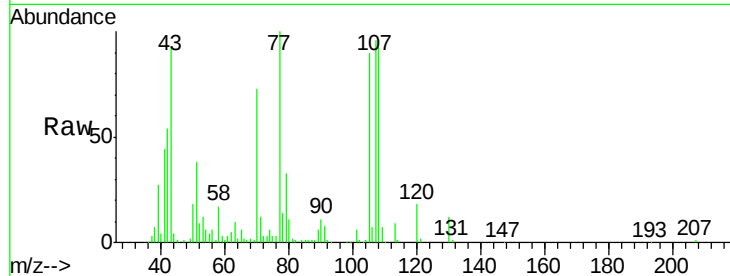
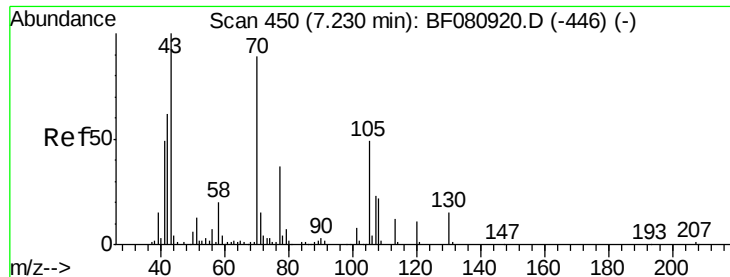
Lab File: BF080970.D

Acq: 11 Aug 2015 19:37



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 66740 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 96.8  | 76.3  | 114.5 |
| 201       | 76.6  | 57.0  | 85.6  |

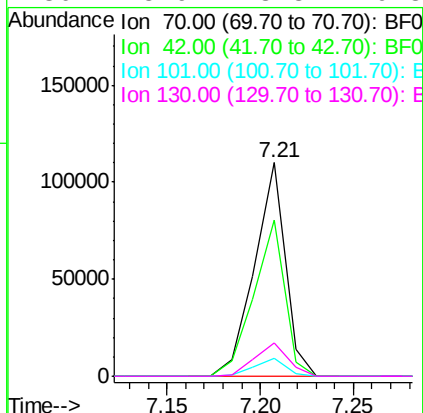




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.02 ng  
RT: 7.21 min Scan# 448  
Delta R.T. -0.02 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 73.2  | 55.7  | 83.5  |
| 101     | 8.3   | 7.0   | 10.6  |
| 130     | 15.9  | 13.8  | 20.8  |

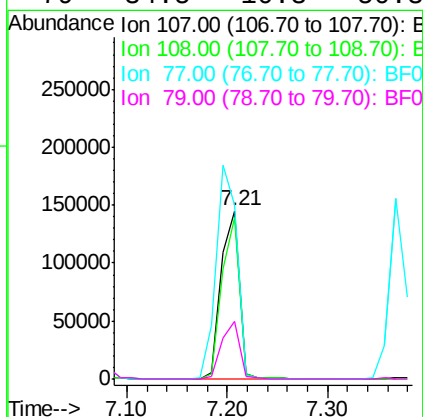


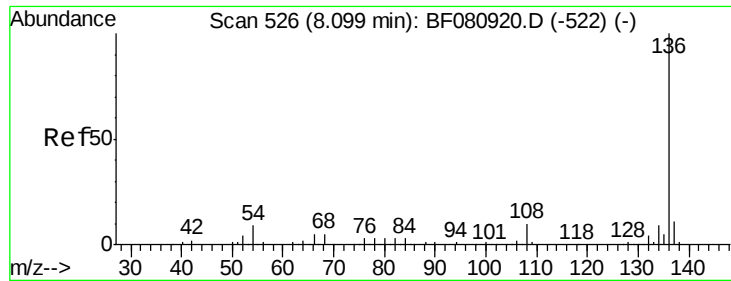
Manual Integrations  
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#20  
3+4-Methylphenols  
Concen: 41.36 ng  
RT: 7.21 min Scan# 448  
Delta R.T. -0.01 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 96.2  | 69.2  | 109.2  |
| 77      | 103.7 | 113.0 | 153.0# |
| 79      | 34.5  | 10.3  | 50.3   |





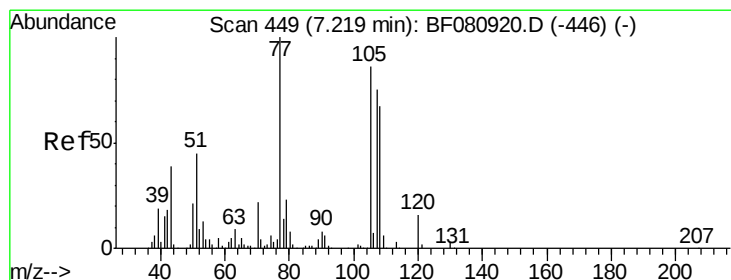
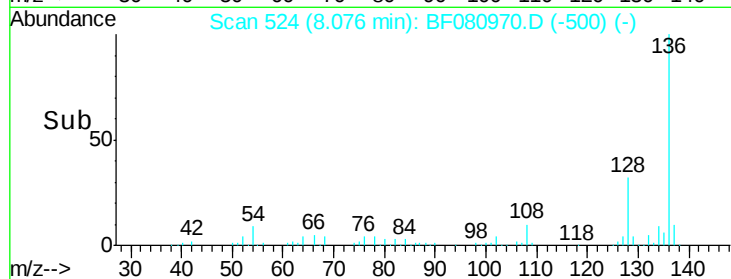
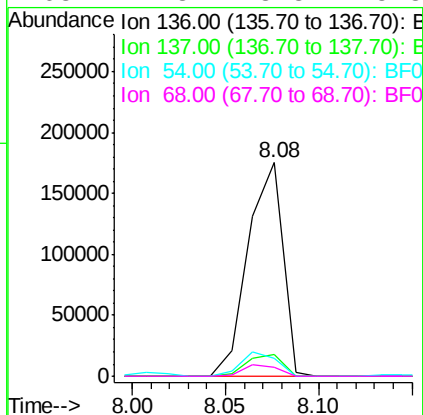
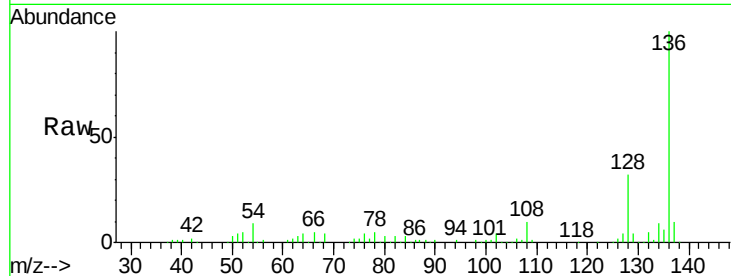
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.08 min Scan# 524  
Delta R.T. -0.02 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 226801 |       |       |
| 137     | 10.3  | 8.5    | 12.7  |       |
| 54      | 8.7   | 7.1    | 10.7  |       |
| 68      | 4.3   | 3.8    | 5.8   |       |

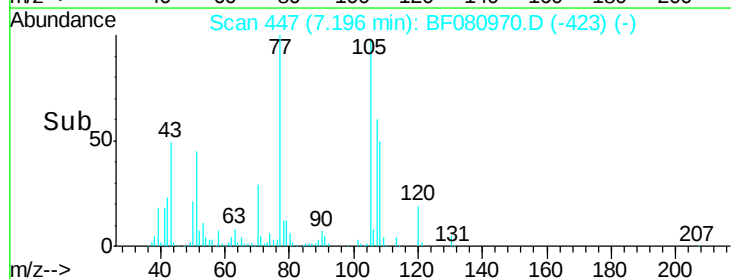
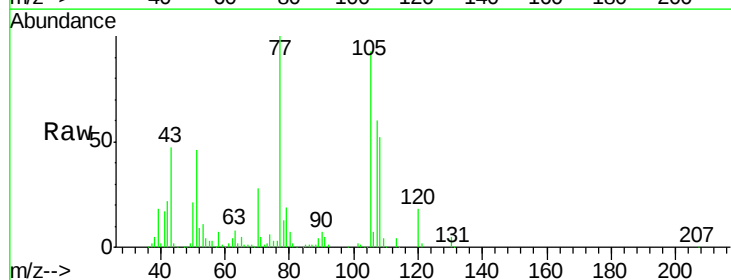
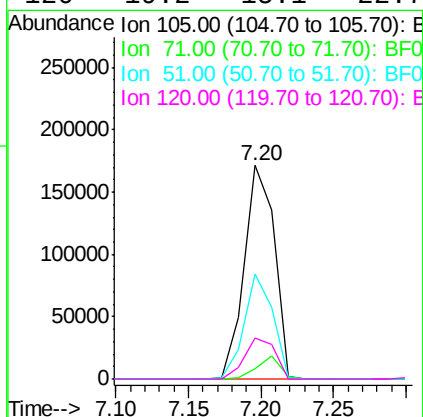
Manual Integrations  
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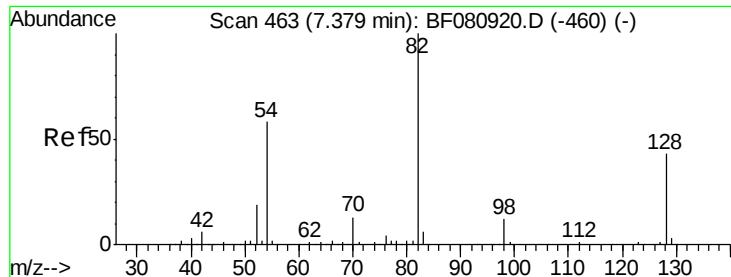
apatel  
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#22  
Acetophenone  
Concen: 44.30 ng  
RT: 7.20 min Scan# 447  
Delta R.T. -0.02 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 246165 |       |       |
| 71      | 5.1   | 3.3    | 4.9#  |       |
| 51      | 49.4  | 41.8   | 62.6  |       |
| 120     | 19.2  | 15.1   | 22.7  |       |





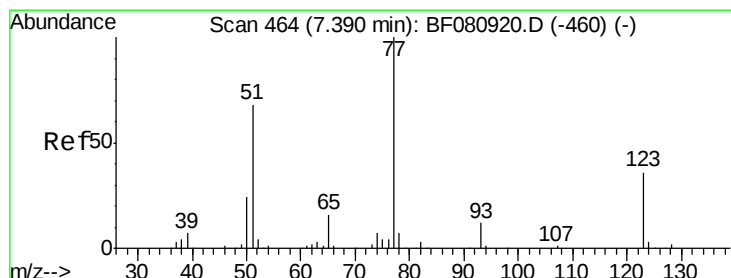
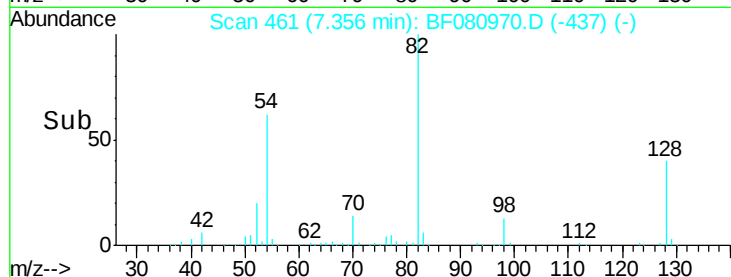
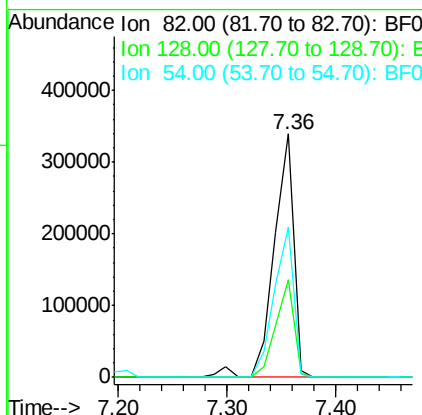
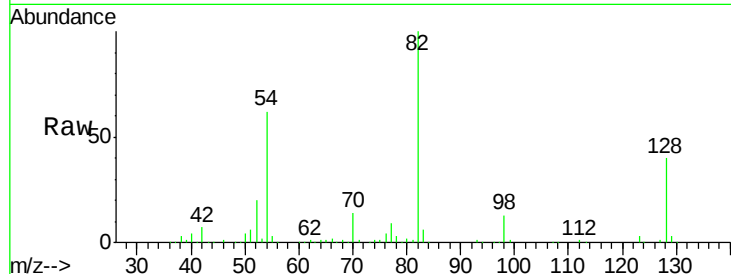
#23  
 Nitrobenzene-d5  
 Concen: 89.18 ng  
 RT: 7.36 min Scan# 461  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 427617 |       |       |
| 128     | 40.3  | 34.1   | 51.1  |       |
| 54      | 61.6  | 46.5   | 69.7  |       |

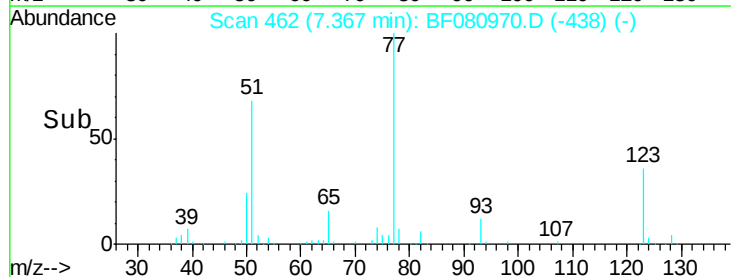
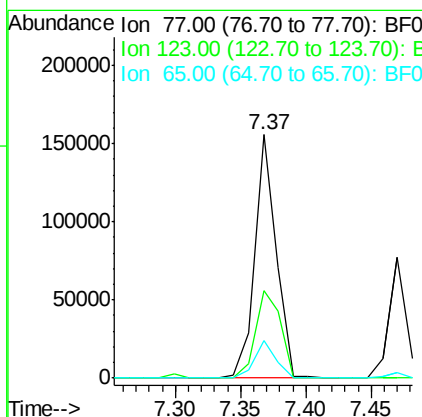
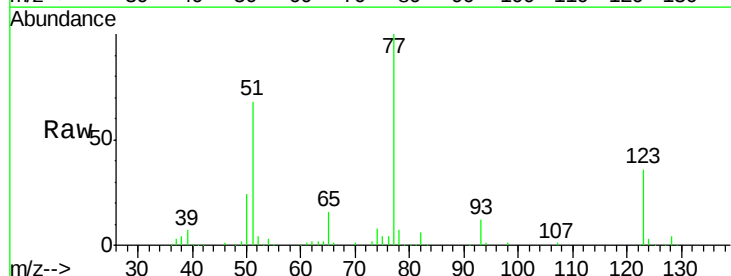
Manual Integrations  
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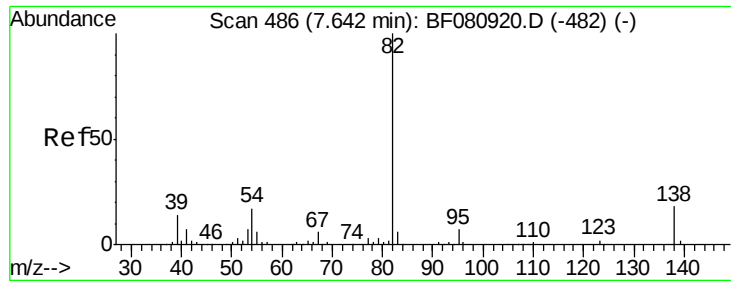
apatel  
 8/12/2015 8:34:27 AM



#24  
 Nitrobenzene  
 Concen: 36.09 ng  
 RT: 7.37 min Scan# 462  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 178154 |       |       |
| 123     | 35.7  | 28.7   | 43.1  |       |
| 65      | 15.5  | 12.5   | 18.7  |       |





#25

Isophorone

Concen: 33.42 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA\_F

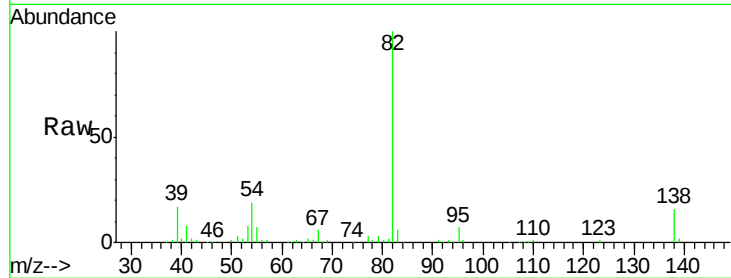
ClientSampleId :

PB84838BSD

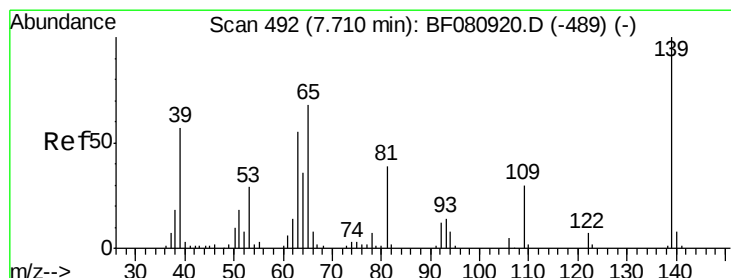
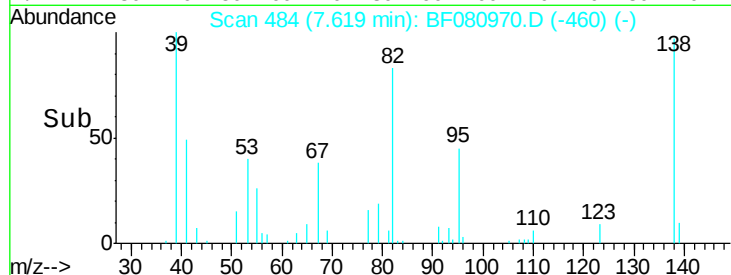
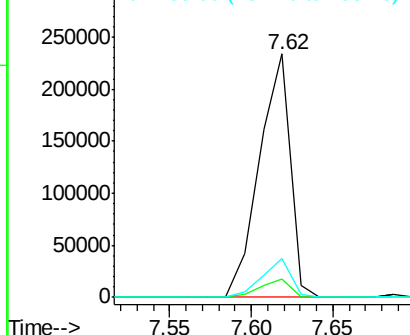
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 308175 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.4  | 5.8   | 8.6    |
| 138       | 16.1 | 14.1  | 21.1   |

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



#26

2-Nitrophenol

Concen: 34.72 ng

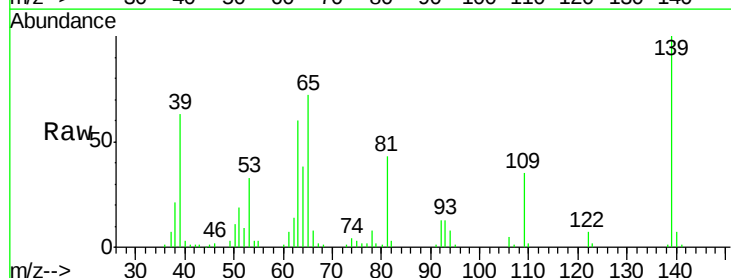
RT: 7.69 min Scan# 490

Delta R.T. -0.02 min

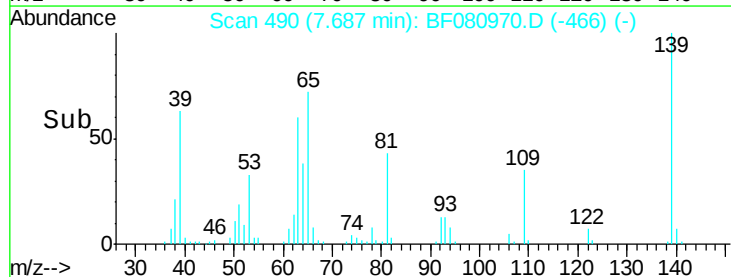
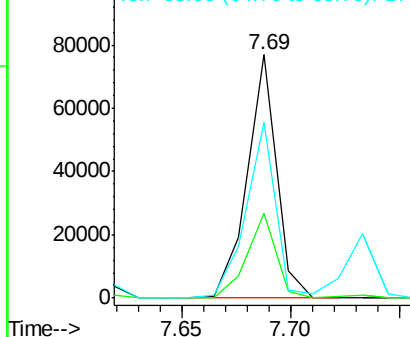
Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 72133 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 34.9 | 24.1  | 36.1  |
| 65        | 72.0 | 54.0  | 81.0  |



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





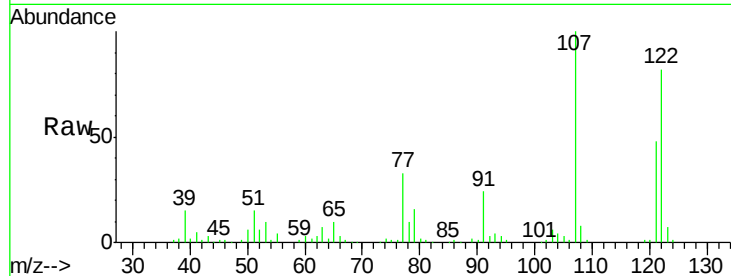
#27  
 2,4-Dimethylphenol  
 Concen: 42.22 ng  
 RT: 7.73 min Scan# 494  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

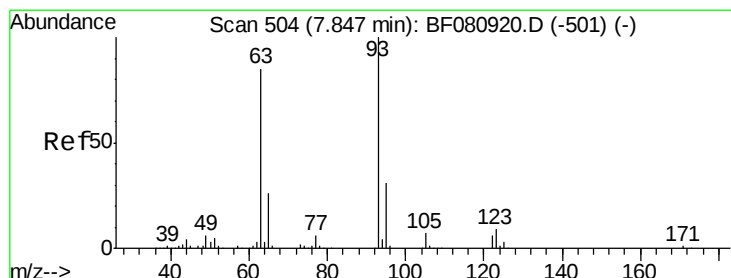
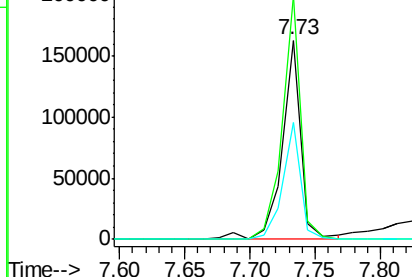
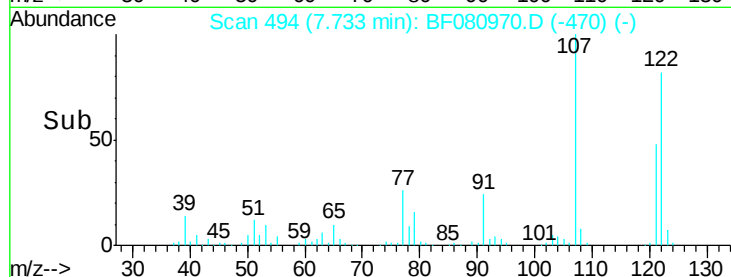
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 164200 |       |       |
| 107     | 122.2 | 90.2   | 135.4 |       |
| 121     | 58.5  | 46.0   | 69.0  |       |

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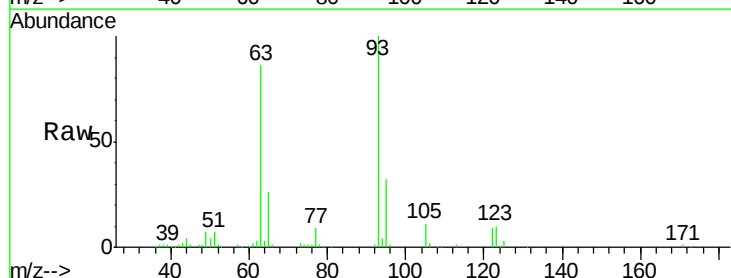


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

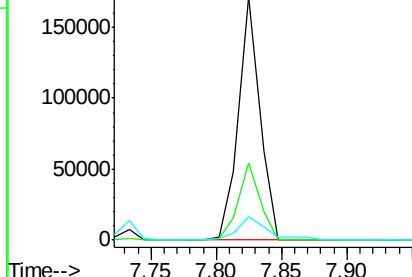
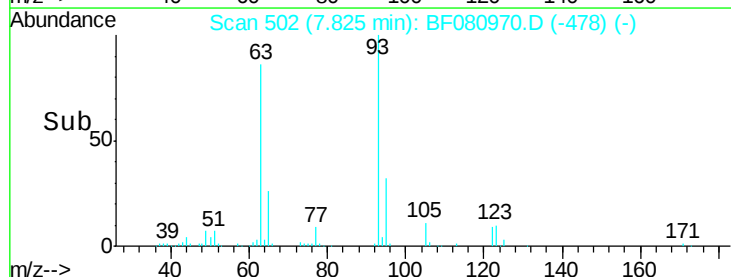


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 35.37 ng  
 RT: 7.82 min Scan# 502  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 195819 |       |       |
| 95      | 31.9  | 25.0   | 37.4  |       |
| 123     | 9.5   | 7.4    | 11.0  |       |



Abundance Ion 93.00 (92.70 to 93.70): BF0  
 Ion 95.00 (94.70 to 95.70): BF0  
 Ion 123.00 (122.70 to 123.70): E





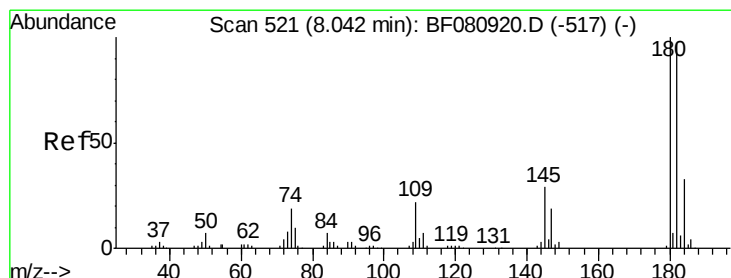
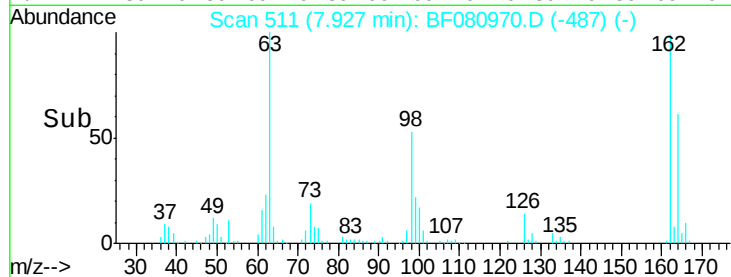
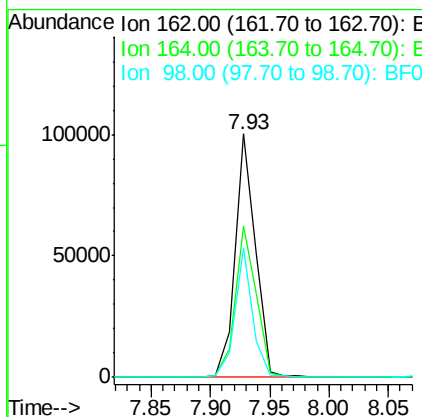
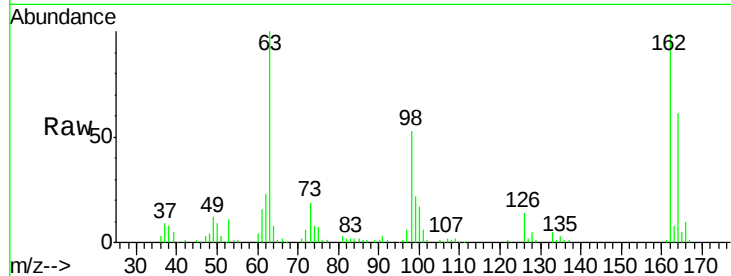
#29  
 2,4-Dichlorophenol  
 Concen: 37.47 ng  
 RT: 7.93 min Scan# 511  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampled :  
 PB84838BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 119730 |       |       |
| 164     | 62.0  | 42.3   | 82.3  |       |
| 98      | 53.1  | 27.7   | 67.7  |       |

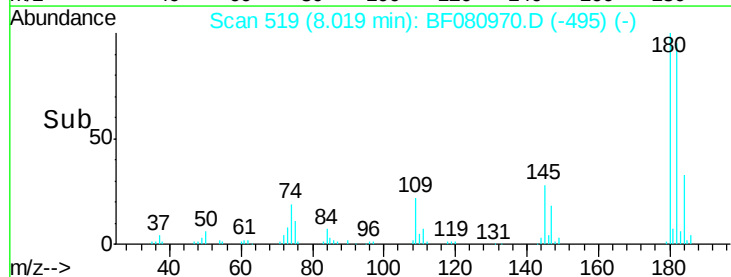
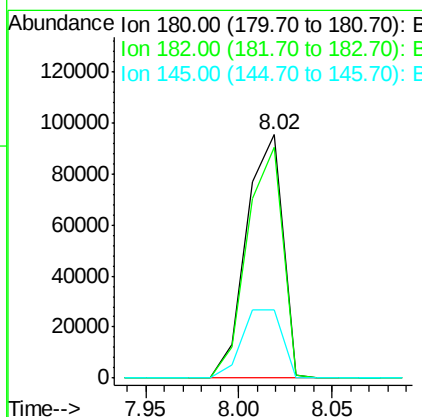
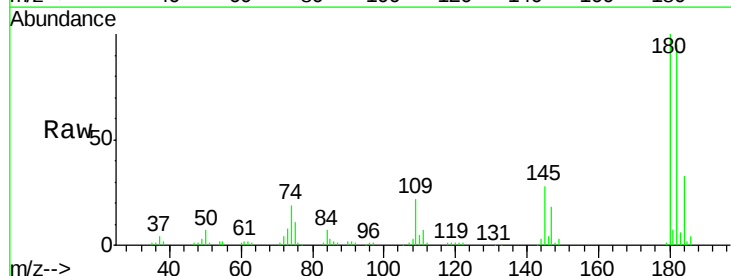
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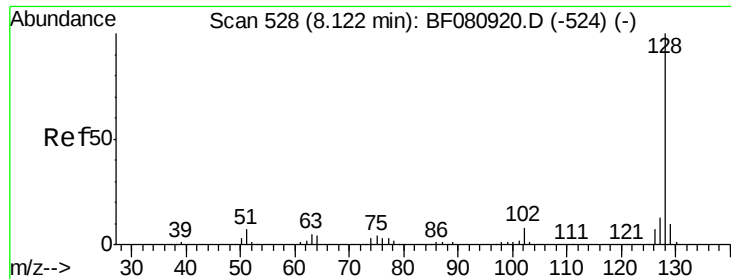
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 36.57 ng  
 RT: 8.02 min Scan# 519  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 127726 |       |       |
| 182     | 94.6  | 77.4   | 116.0 |       |
| 145     | 28.1  | 23.2   | 34.8  |       |





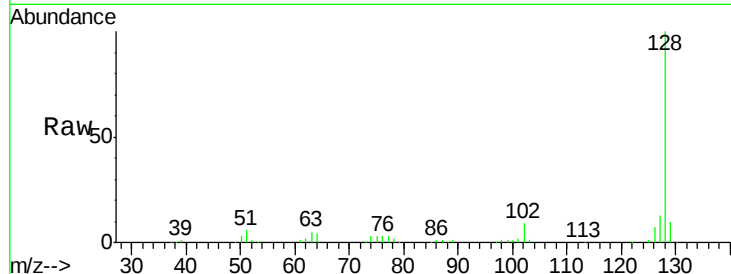
#31  
Naphthalene  
Concen: 35.13 ng  
RT: 8.10 min Scan# 526  
Delta R.T. -0.02 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BSD

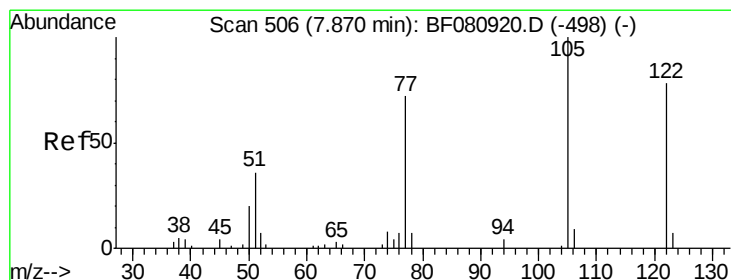
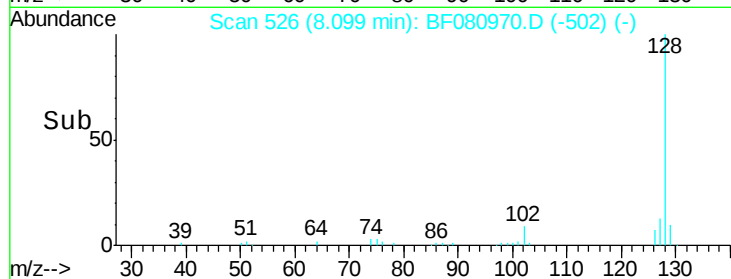
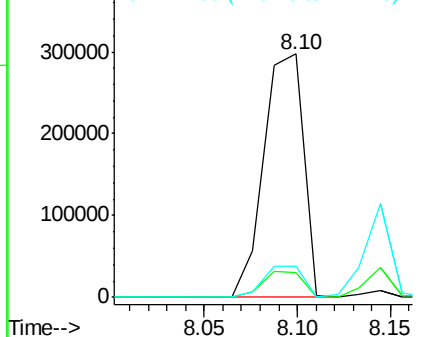
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 439171 |       |       |
| 129     | 10.3  | 8.4    | 12.6  |       |
| 127     | 12.8  | 10.5   | 15.7  |       |

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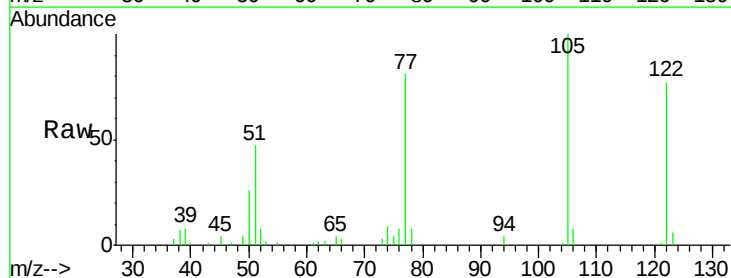


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

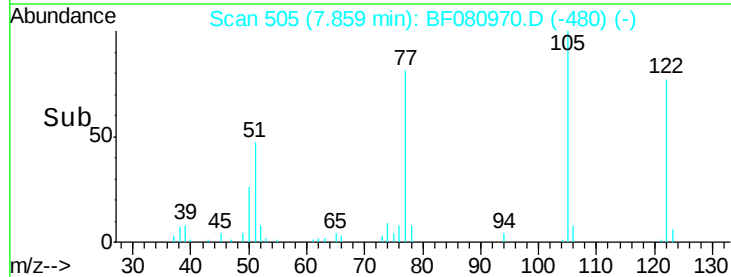
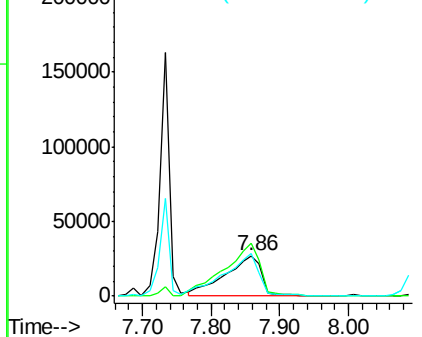


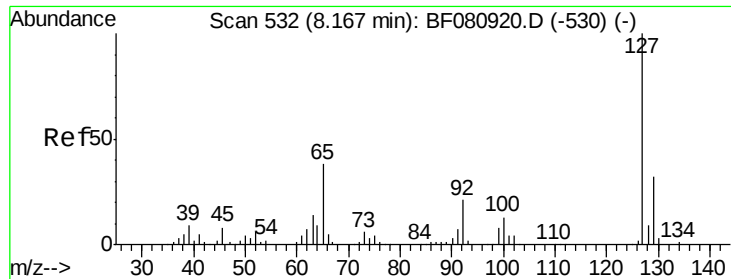
#32  
Benzoic acid  
Concen: 43.73 ng  
RT: 7.86 min Scan# 505  
Delta R.T. -0.01 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 101819 |       |       |
| 105     | 129.8 | 103.6  | 143.6 |       |
| 77      | 105.8 | 70.4   | 110.4 |       |



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





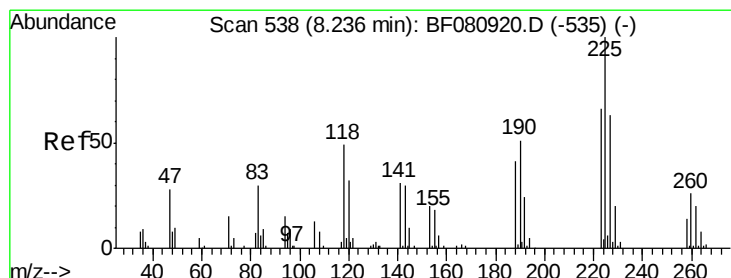
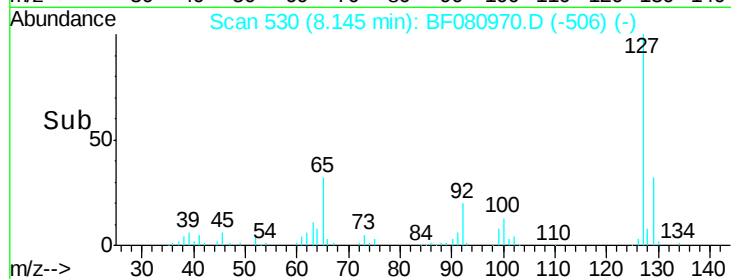
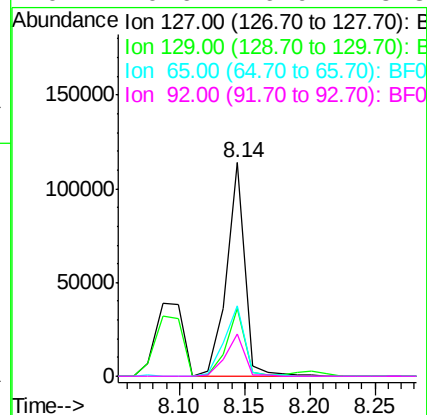
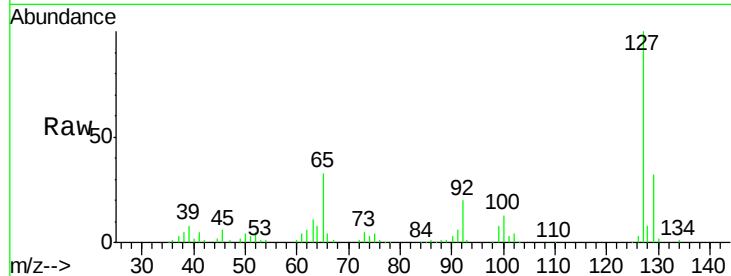
#33  
4-Chloroaniline  
Concen: 22.02 ng  
RT: 8.14 min Scan# 530  
Delta R.T. -0.02 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 111892 |       |       |
| 129     | 32.0  | 25.9   | 38.9  |       |
| 65      | 32.7  | 30.6   | 45.8  |       |
| 92      | 19.6  | 16.9   | 25.3  |       |

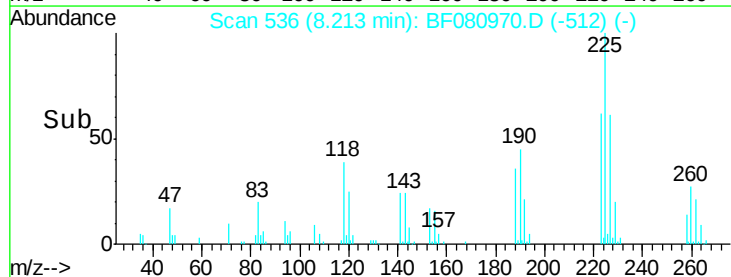
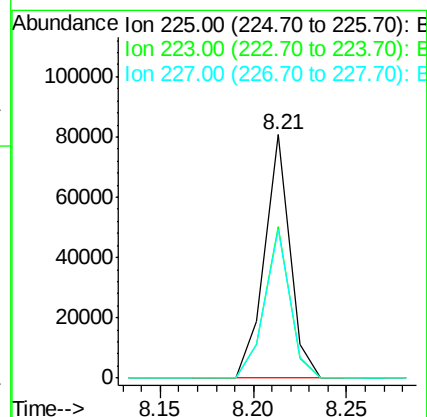
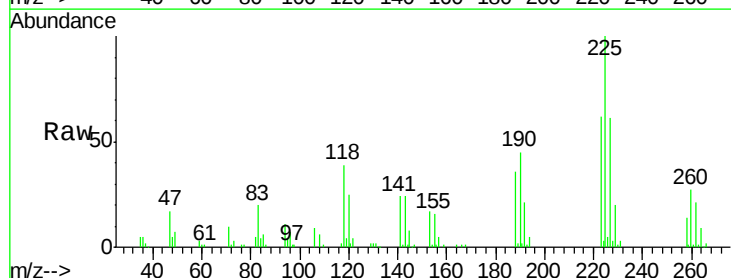
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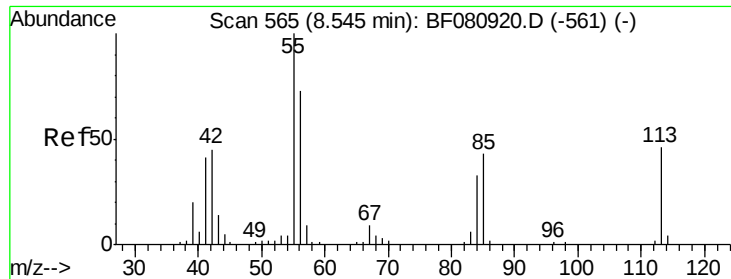
apatel  
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#34  
Hexachlorobutadiene  
Concen: 36.61 ng  
RT: 8.21 min Scan# 536  
Delta R.T. -0.02 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 76100 |       |       |
| 223     | 62.3  | 52.5  | 78.7  |       |
| 227     | 61.0  | 50.3  | 75.5  |       |





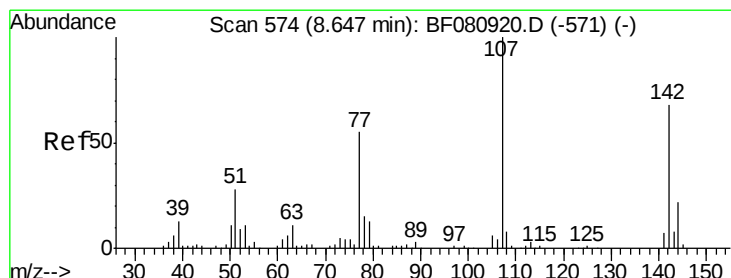
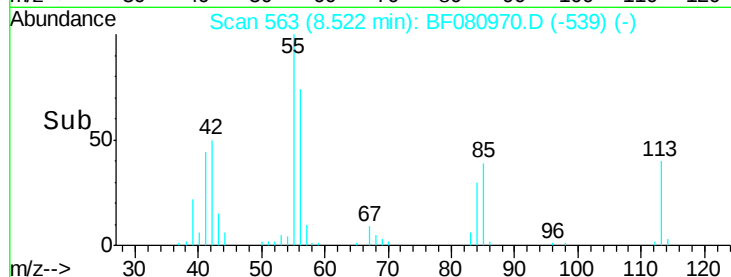
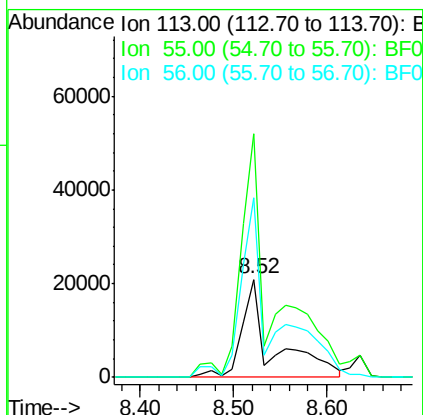
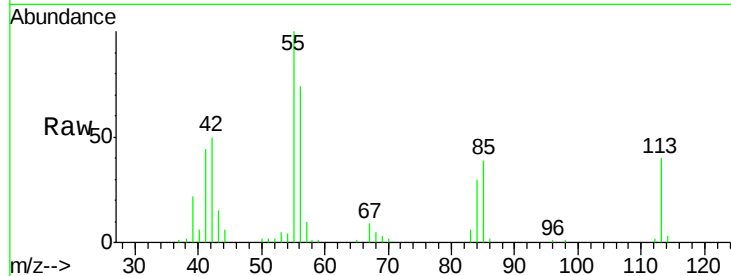
#35  
 Caprolactam  
 Concen: 41.80 ng m  
 RT: 8.52 min Scan# 563  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

Tgt Ion:113 Resp: 48055  
 Ion Ratio Lower Upper  
 113 100  
 55 248.3 196.4 236.4#  
 56 183.8 137.9 177.9#

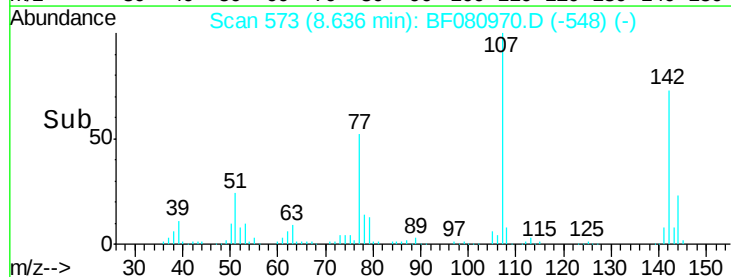
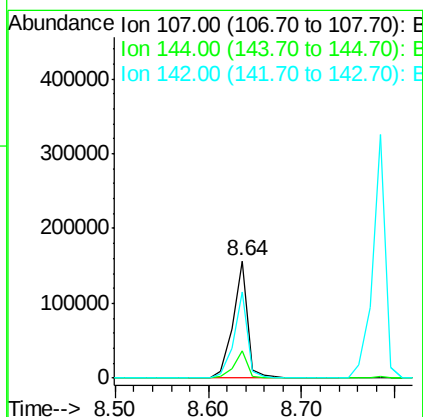
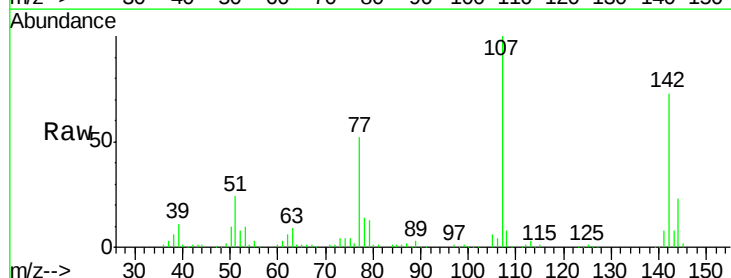
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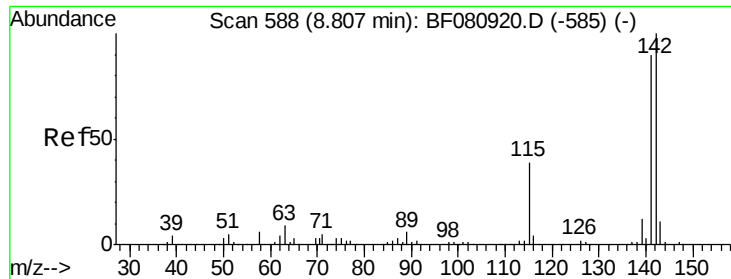
apatel  
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#36  
 4-Chloro-3-methylphenol  
 Concen: 44.04 ng  
 RT: 8.64 min Scan# 573  
 Delta R.T. -0.01 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Tgt Ion:107 Resp: 171732  
 Ion Ratio Lower Upper  
 107 100  
 144 23.3 17.3 25.9  
 142 73.2 54.4 81.6





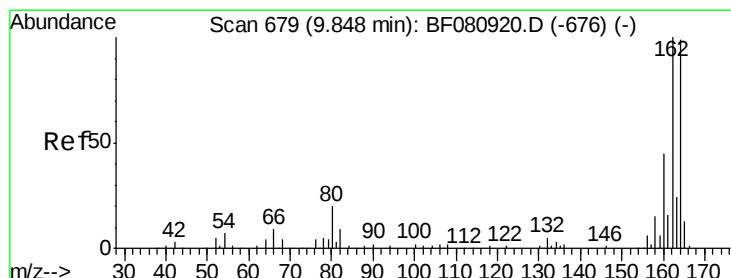
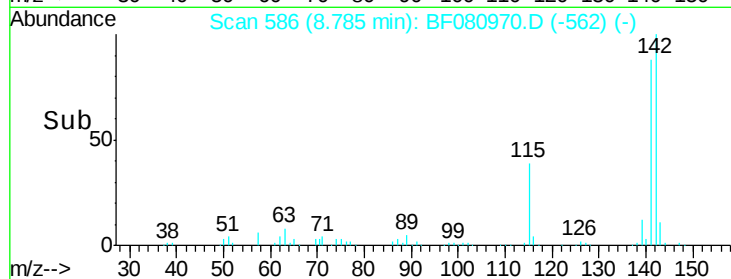
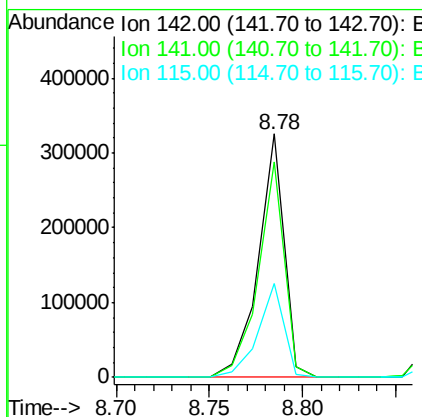
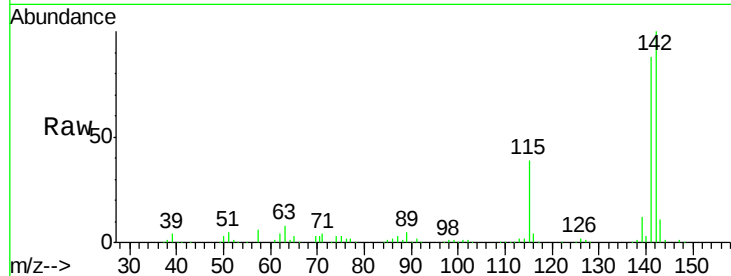
#37  
 2-Methylnaphthalene  
 Concen: 39.09 ng  
 RT: 8.78 min Scan# 586  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 311074 |       |       |
| 141     | 88.3  | 71.7   | 107.5 |       |
| 115     | 38.5  | 30.9   | 46.3  |       |

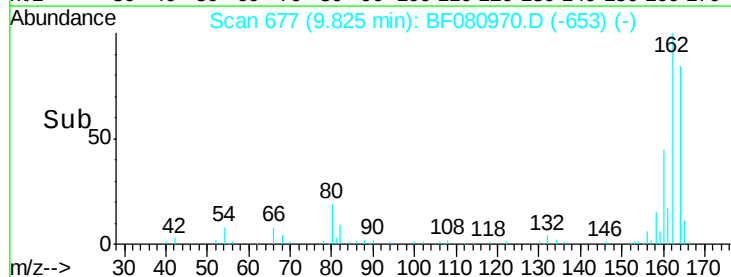
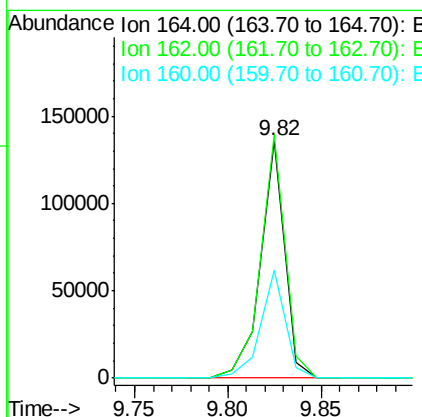
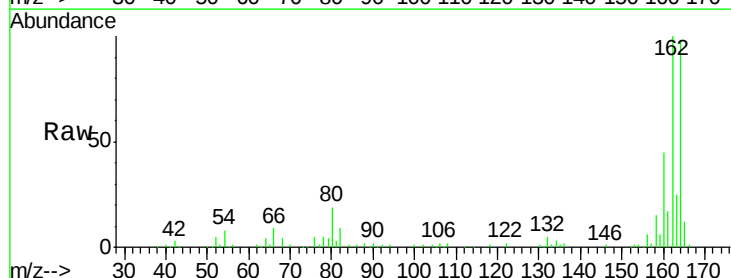
Manual Integrations  
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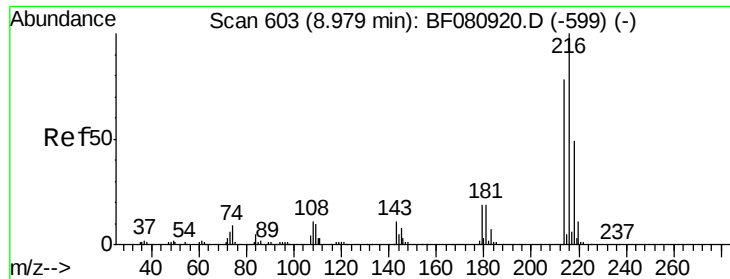
apatel  
 8/12/2015 8:34:27 AM



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.82 min Scan# 677  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 120711 |       |       |
| 162     | 102.4 | 80.5   | 120.7 |       |
| 160     | 45.6  | 36.6   | 54.8  |       |





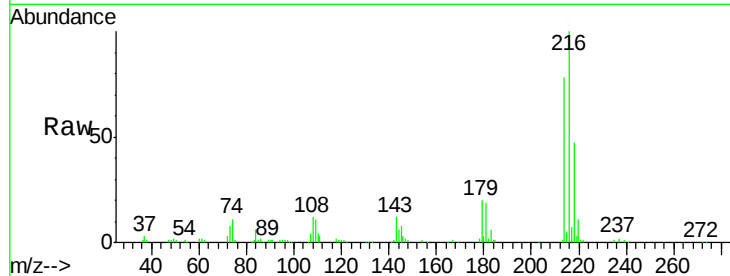
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 35.35 ng  
 RT: 8.96 min Scan# 601  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

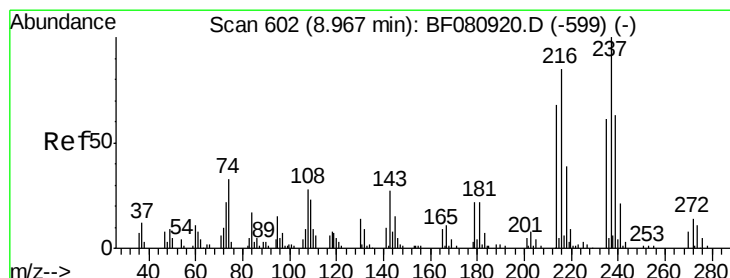
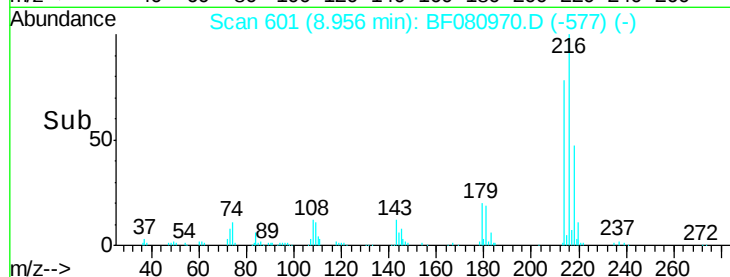
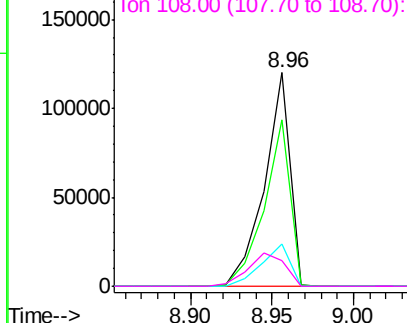
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 131568 |       |       |
| 214     | 78.4  | 63.0   | 94.4  |       |
| 179     | 22.2  | 17.2   | 25.8  |       |
| 108     | 22.2  | 16.1   | 24.1  |       |

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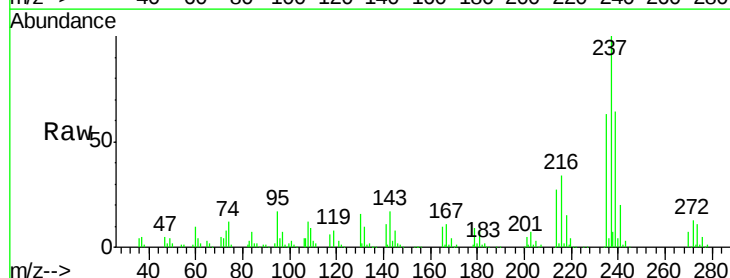


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

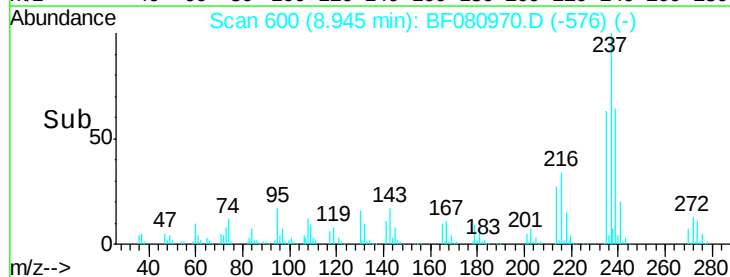
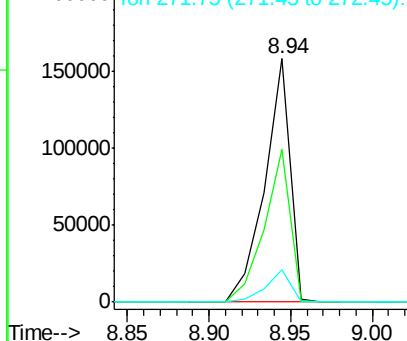


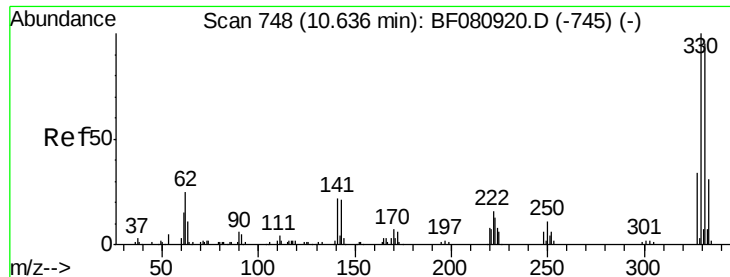
#40  
 Hexachlorocyclopentadiene  
 Concen: 84.40 ng  
 RT: 8.94 min Scan# 600  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 171391 |       |       |
| 235     | 63.0  | 41.3   | 81.3  |       |
| 272     | 13.4  | 0.0    | 33.6  |       |



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





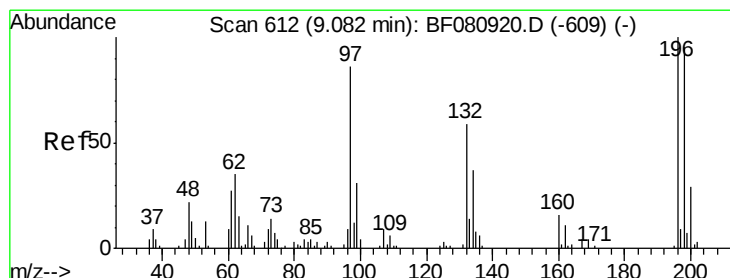
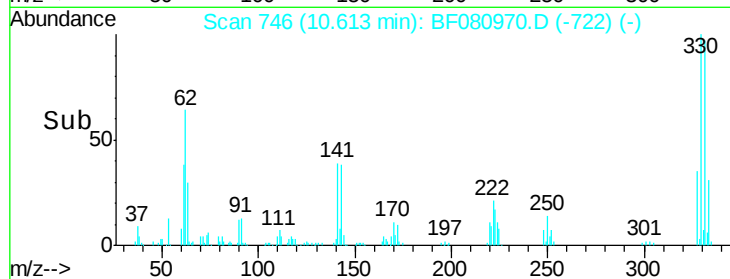
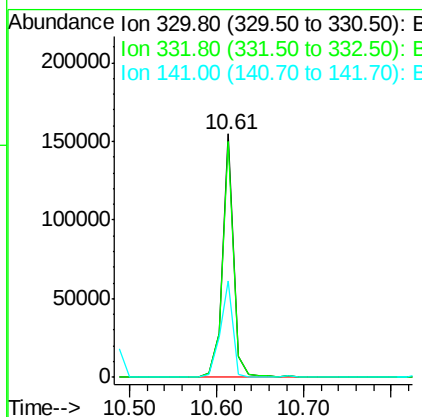
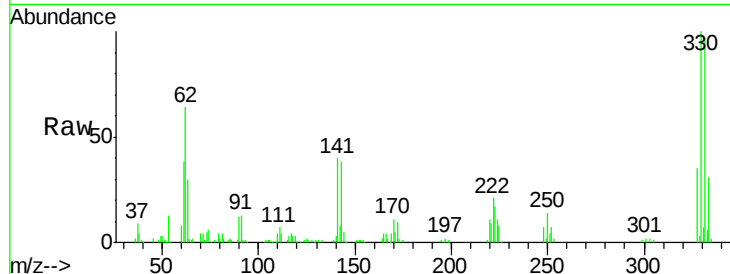
#41  
 2,4,6-Tribromophenol  
 Concen: 106.62 ng  
 RT: 10.61 min Scan# 746  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 141399 |       |       |
| 332     | 97.8  | 76.2   | 114.4 |       |
| 141     | 44.8  | 27.8   | 41.8# |       |

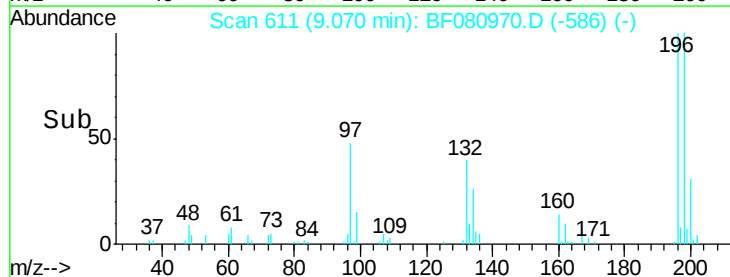
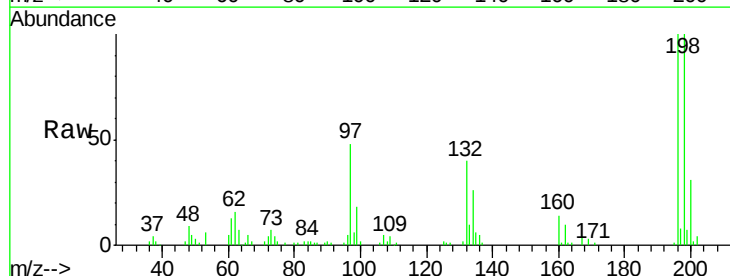
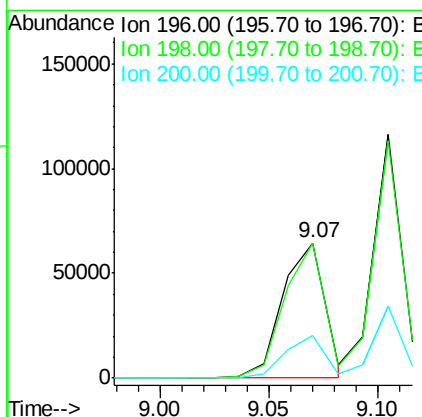
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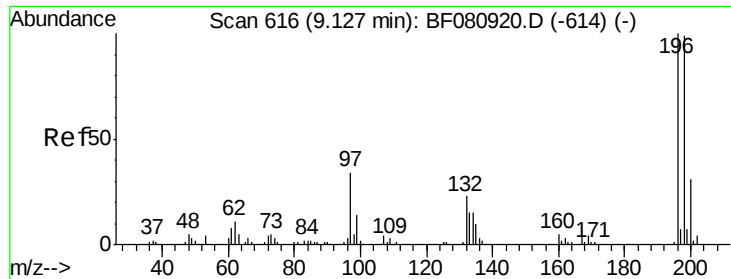
apatel  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 31.90 ng  
 RT: 9.07 min Scan# 611  
 Delta R.T. -0.01 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 86997 |       |       |
| 198     | 100.0 | 75.9  | 113.9 |       |
| 200     | 31.3  | 23.1  | 34.7  |       |





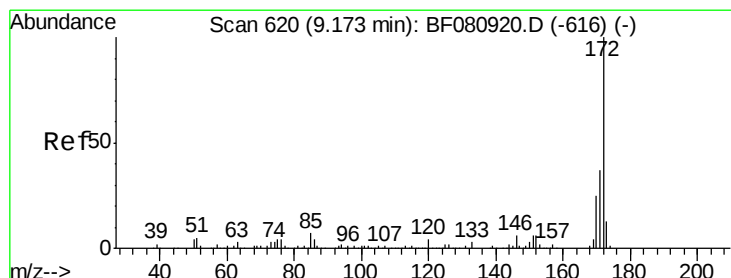
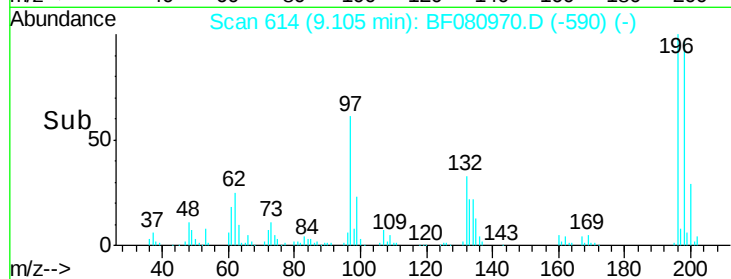
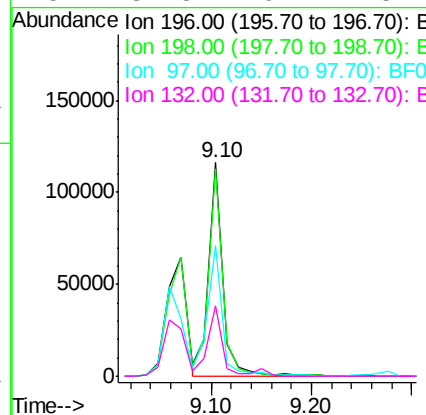
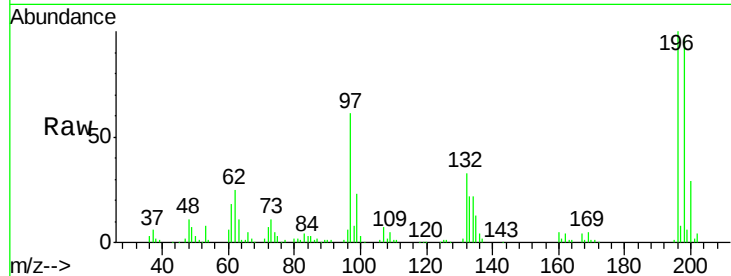
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.60 ng  
 RT: 9.10 min Scan# 614  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 114323 |       |       |
| 198     | 97.4  | 78.9   | 118.3 |       |
| 97      | 61.2  | 29.1   | 43.7# |       |
| 132     | 32.8  | 19.1   | 28.7# |       |

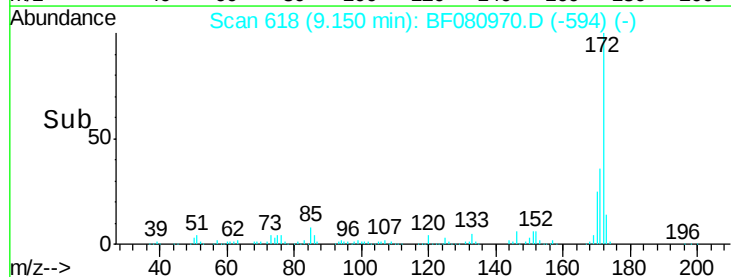
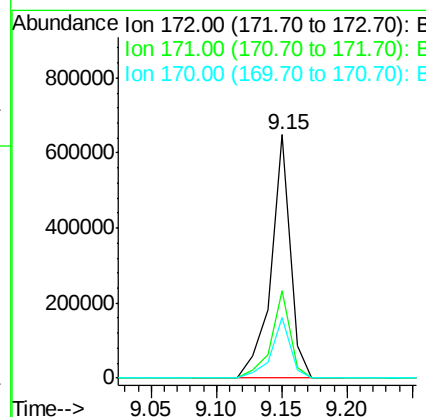
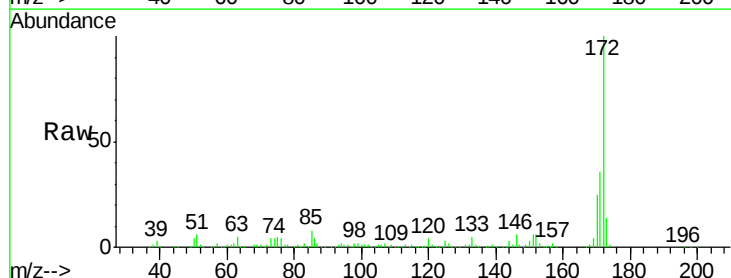
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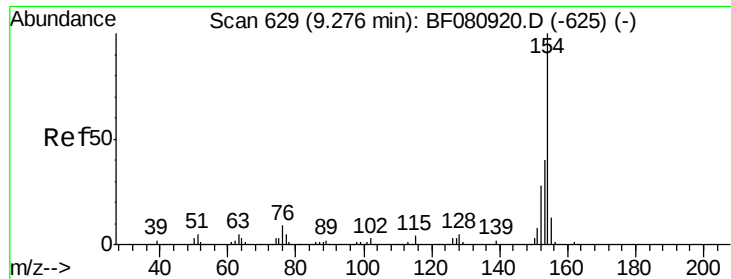
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#44  
 2-Fluorobiphenyl  
 Concen: 78.32 ng  
 RT: 9.15 min Scan# 618  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 671537 |       |       |
| 171     | 35.7  | 29.4   | 44.0  |       |
| 170     | 24.7  | 19.7   | 29.5  |       |





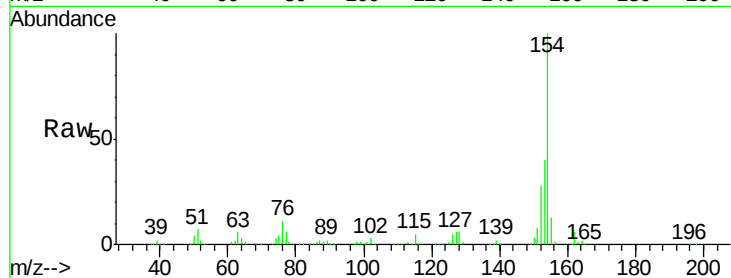
#45  
 1,1'-Biphenyl  
 Concen: 42.76 ng  
 RT: 9.25 min Scan# 627  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

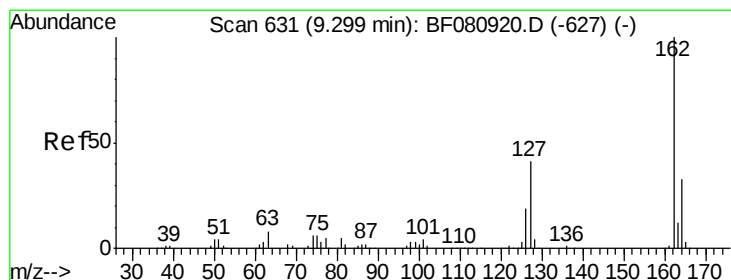
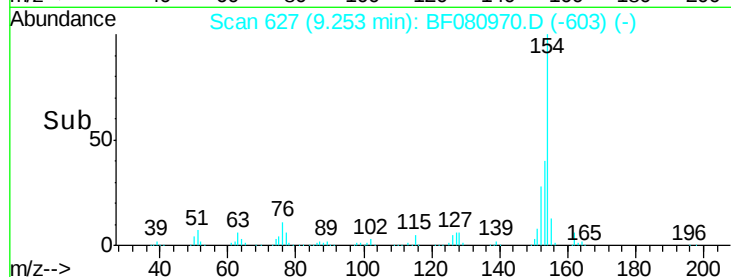
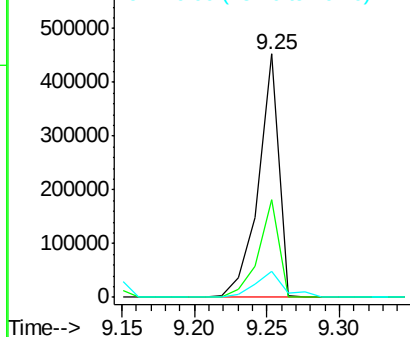
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 443008 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 40.2  | 20.1  | 60.1   |
| 76        | 10.6  | 0.0   | 29.3   |

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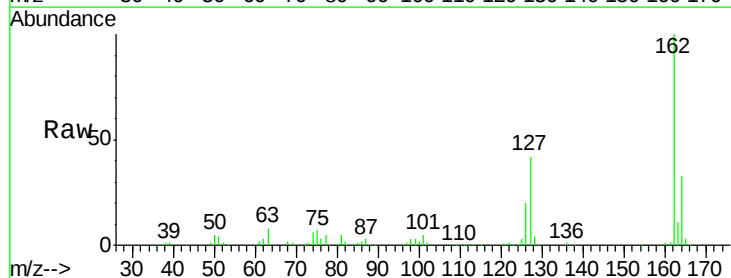


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

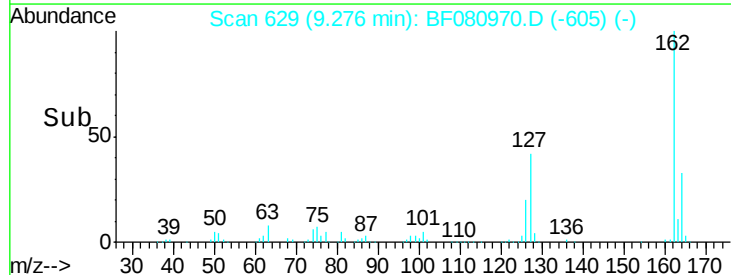
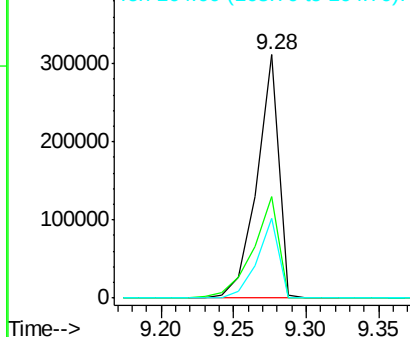


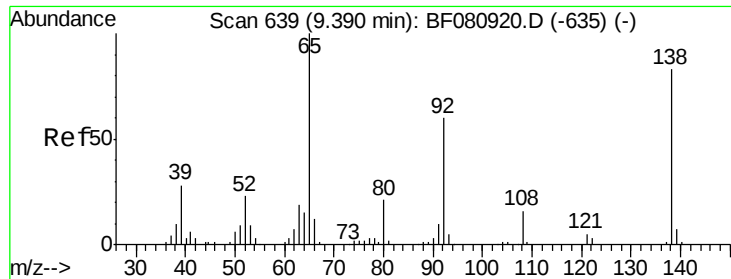
#46  
 2-Chloronaphthalene  
 Concen: 40.32 ng  
 RT: 9.28 min Scan# 629  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 325634 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 41.6  | 32.5  | 48.7   |
| 164       | 32.6  | 26.2  | 39.4   |



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





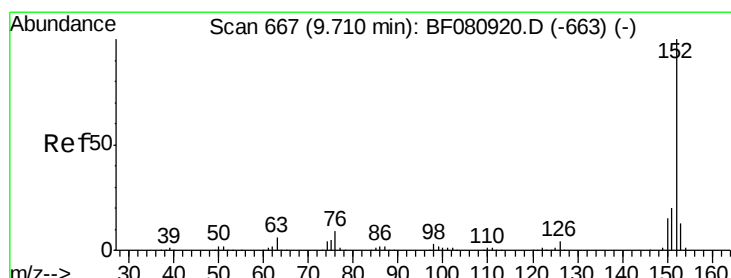
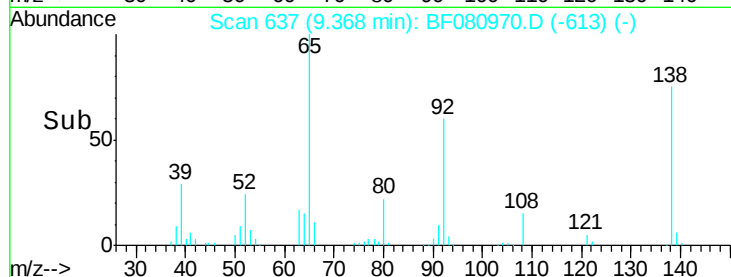
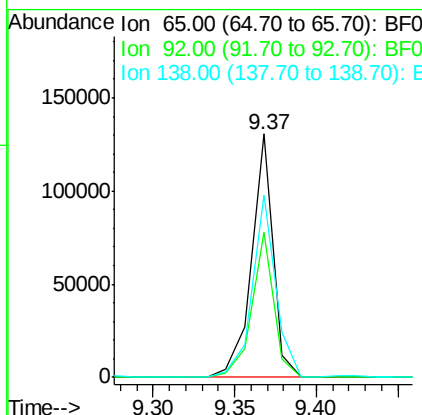
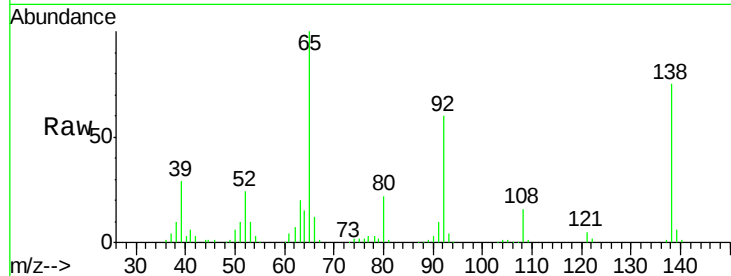
#47  
 2-Nitroaniline  
 Concen: 36.91 ng  
 RT: 9.37 min Scan# 637  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 119542 |       |       |
| 92      | 59.7  | 48.0   | 72.0  |       |
| 138     | 74.6  | 66.1   | 99.1  |       |

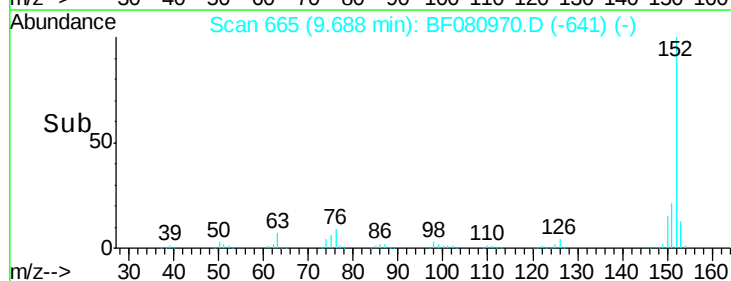
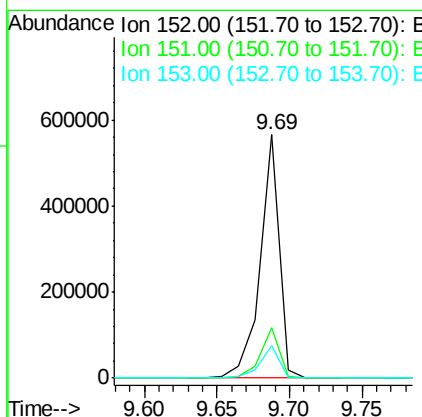
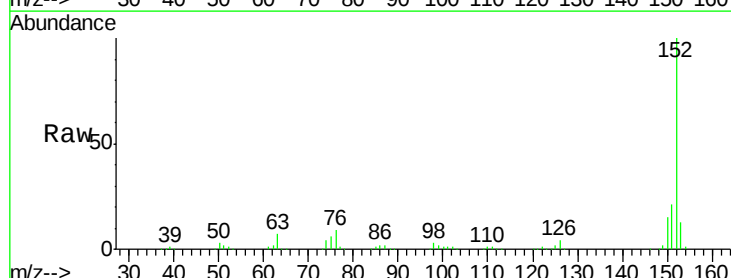
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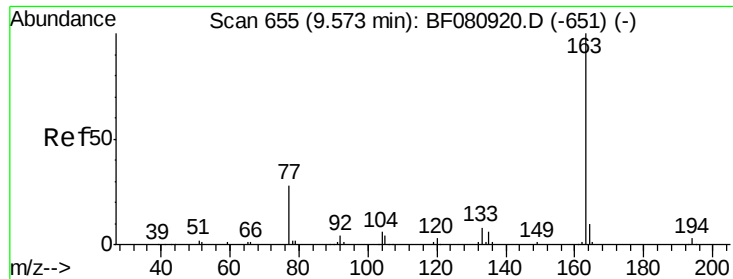
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#48  
 Acenaphthylene  
 Concen: 36.69 ng  
 RT: 9.69 min Scan# 665  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 515135 |       |       |
| 151     | 20.6  | 16.3   | 24.5  |       |
| 153     | 13.3  | 10.5   | 15.7  |       |





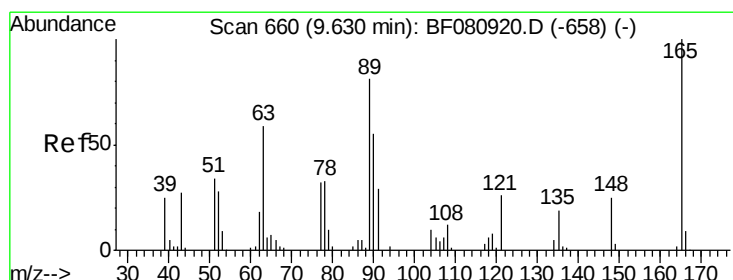
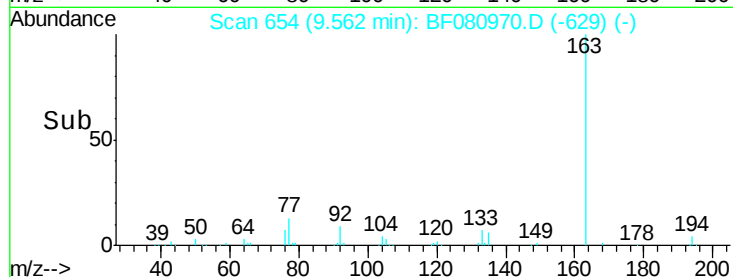
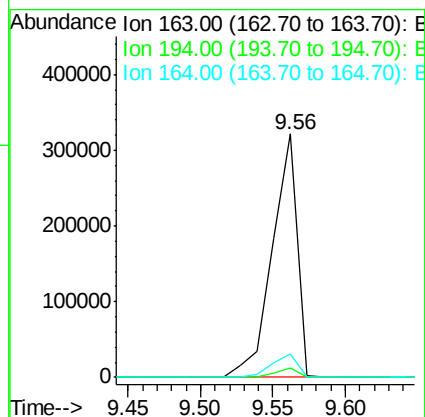
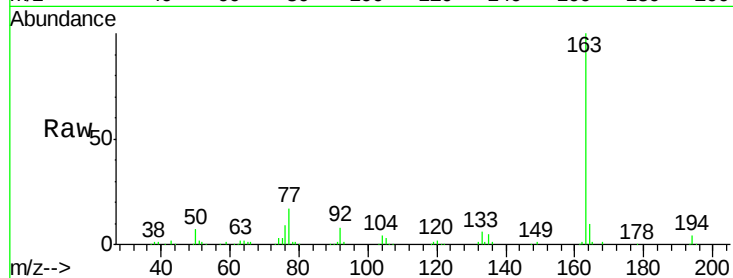
#49  
Dimethylphthalate  
Concen: 38.08 ng  
RT: 9.56 min Scan# 654  
Delta R.T. -0.01 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.6   | 2.4        | 3.6#       |
| 164     | 9.5   | 8.2        | 12.4       |

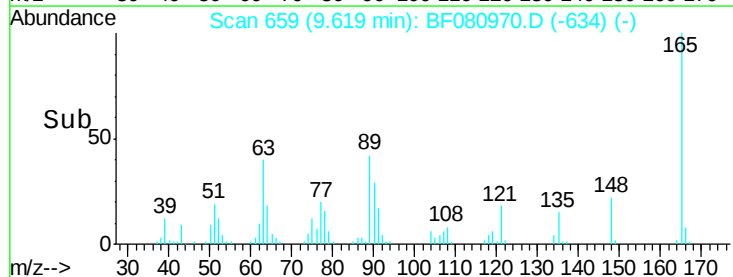
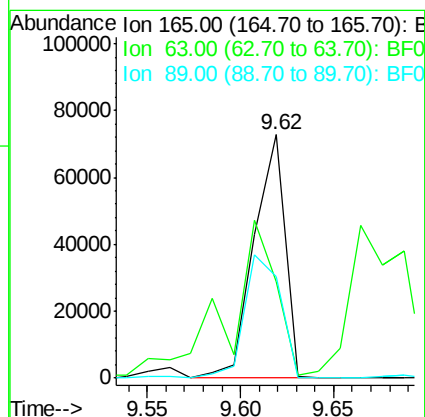
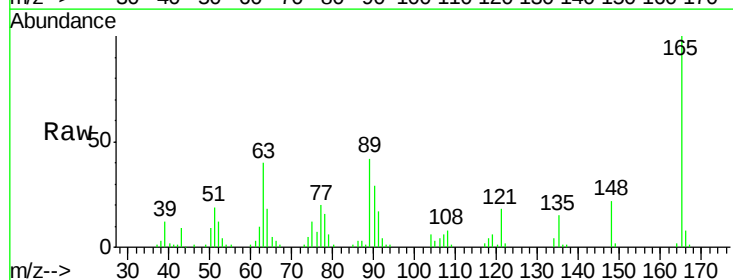
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#50  
2,6-Dinitrotoluene  
Concen: 40.32 ng  
RT: 9.62 min Scan# 659  
Delta R.T. -0.01 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 39.8  | 77.6       | 116.4#     |
| 89      | 41.7  | 64.5       | 96.7#      |





#51

Acenaphthene

Concen: 40.75 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF080970.D

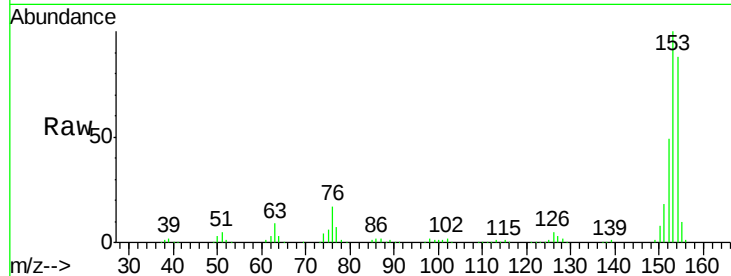
Acq: 11 Aug 2015 19:37

Instrument :

BNA\_F

ClientSampleId :

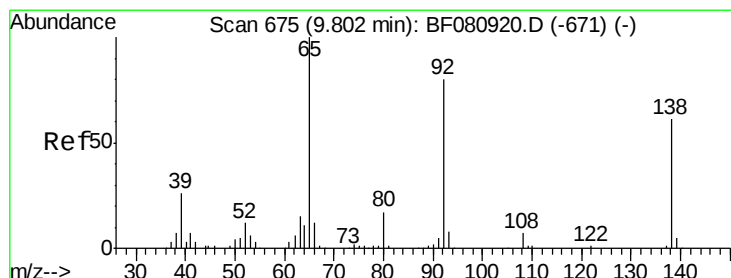
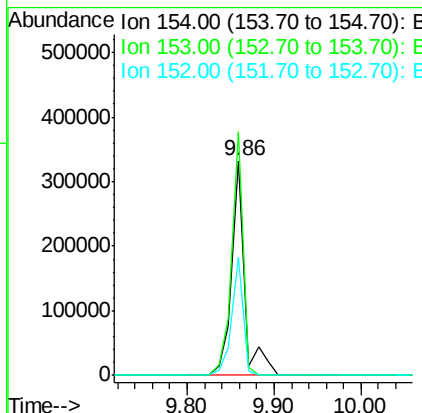
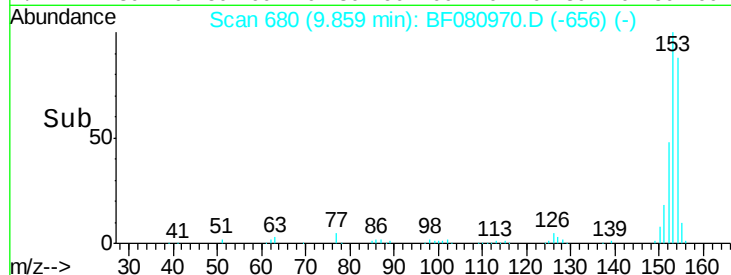
PB84838BSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 350423 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.5 | 91.4  | 137.2  |
| 152       | 55.3  | 44.2  | 66.4   |

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#52

3-Nitroaniline

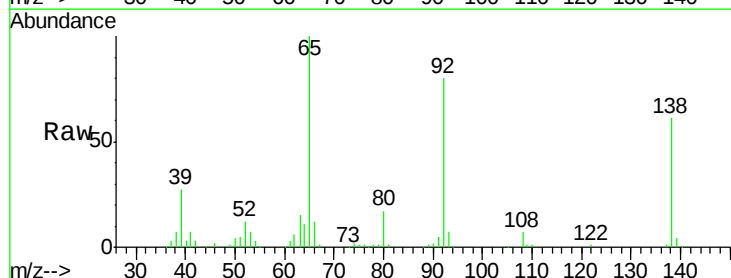
Concen: 23.56 ng

RT: 9.78 min Scan# 673

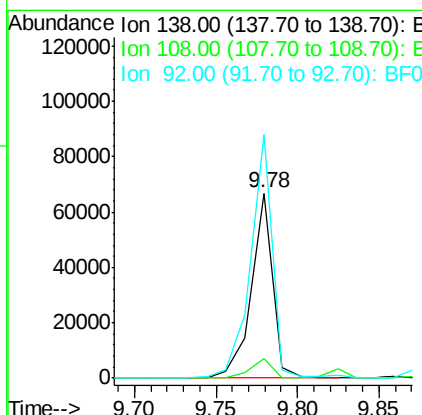
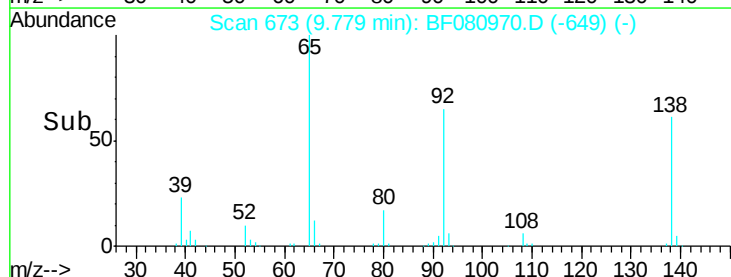
Delta R.T. -0.02 min

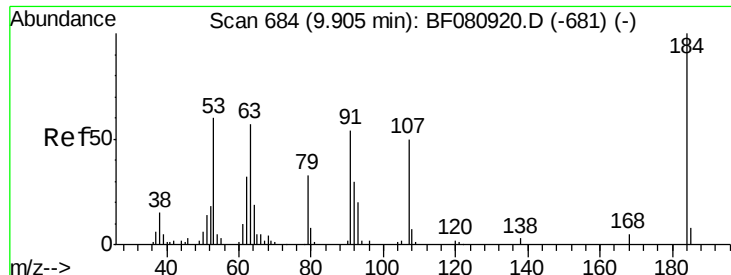
Lab File: BF080970.D

Acq: 11 Aug 2015 19:37



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 60164 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.9  | 8.7   | 13.1  |
| 92        | 131.5 | 104.4 | 156.6 |





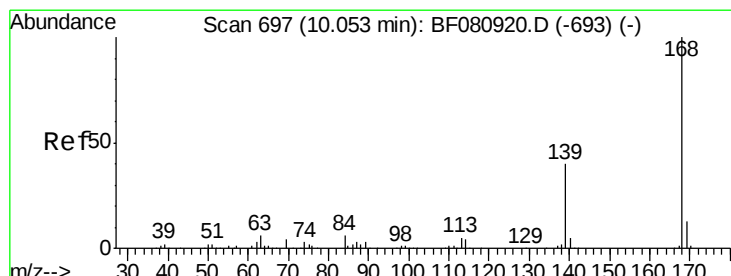
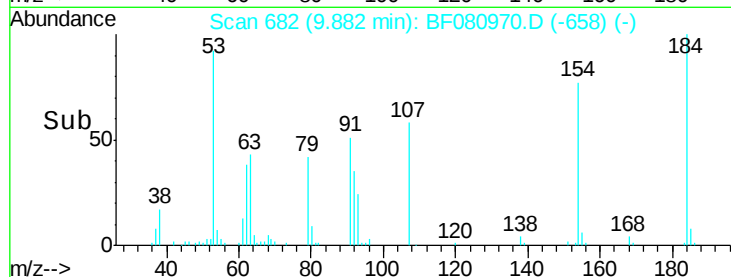
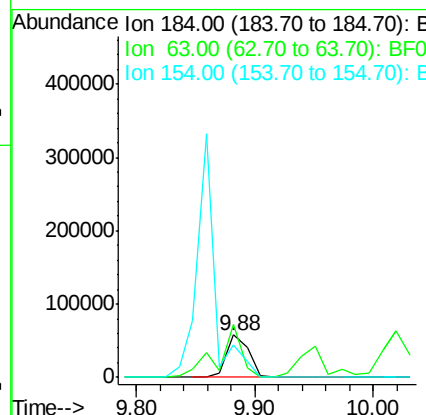
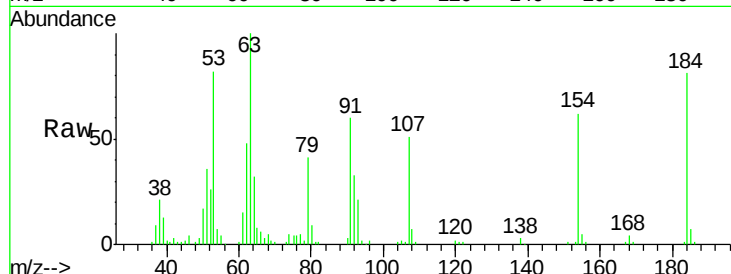
#53  
2,4-Dinitrophenol  
Concen: 60.62 ng  
RT: 9.88 min Scan# 682  
Delta R.T. -0.02 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 74269 |       |       |
| 63      | 124.1 | 59.7  | 89.5# |       |
| 154     | 76.8  | 53.8  | 80.8  |       |

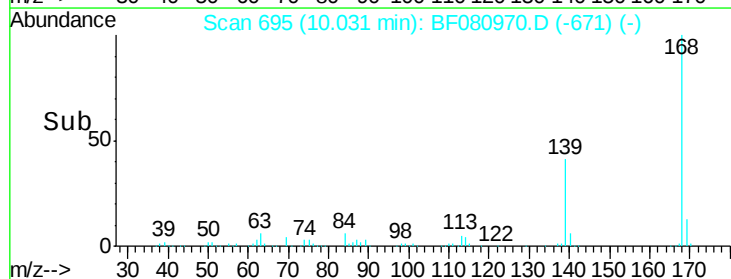
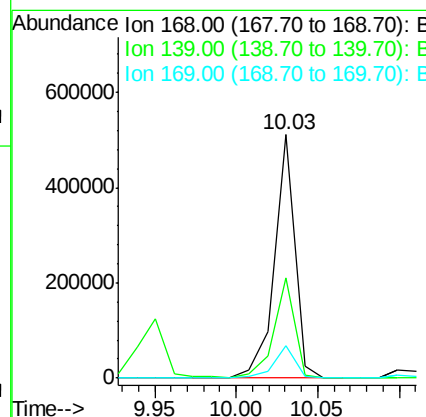
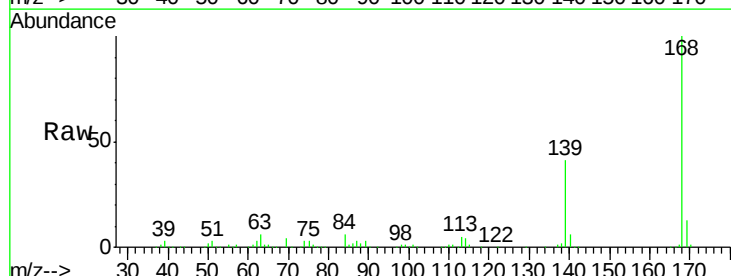
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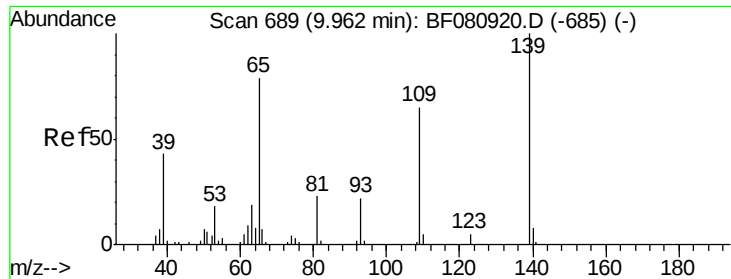
apatel  
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#54  
Dibenzofuran  
Concen: 38.43 ng  
RT: 10.03 min Scan# 695  
Delta R.T. -0.02 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 446859 |       |       |
| 139     | 40.9  | 31.9   | 47.9  |       |
| 169     | 13.5  | 10.6   | 15.8  |       |





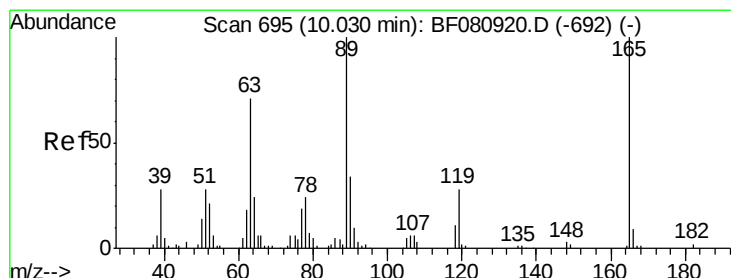
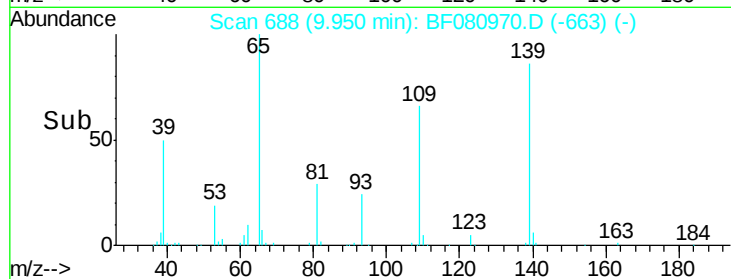
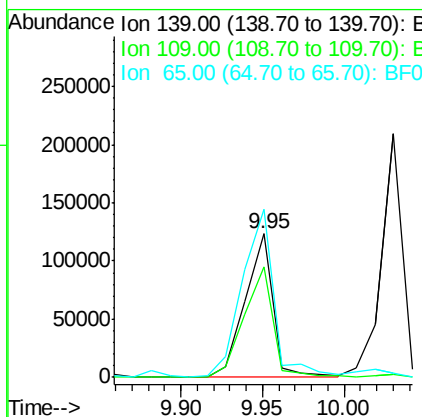
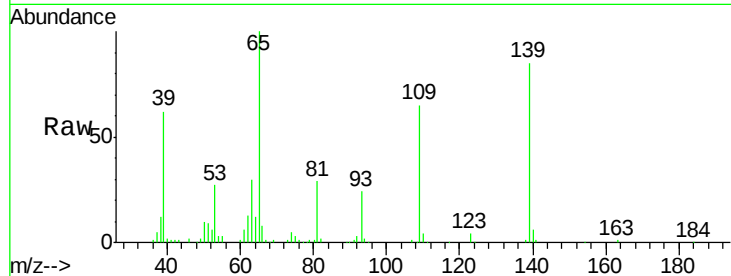
#55  
4-Nitrophenol  
Concen: 77.06 ng  
RT: 9.95 min Scan# 688  
Delta R.T. -0.01 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 147309 |       |       |
| 109     | 76.8  | 44.7   | 84.7  |       |
| 65      | 117.5 | 59.5   | 99.5  |       |

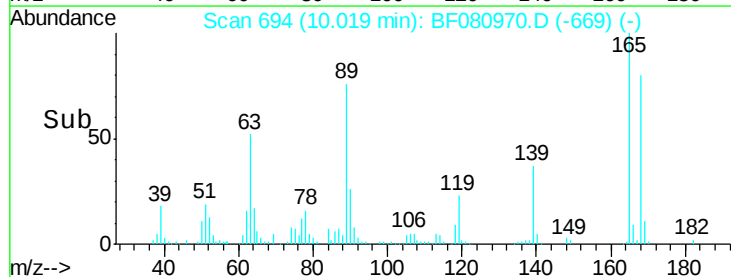
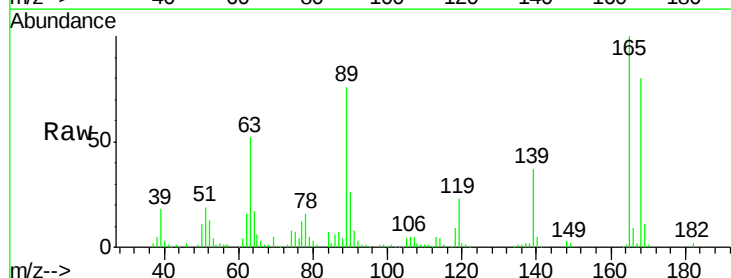
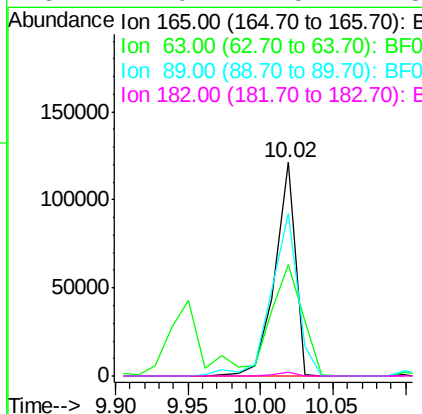
Manual Integrations  
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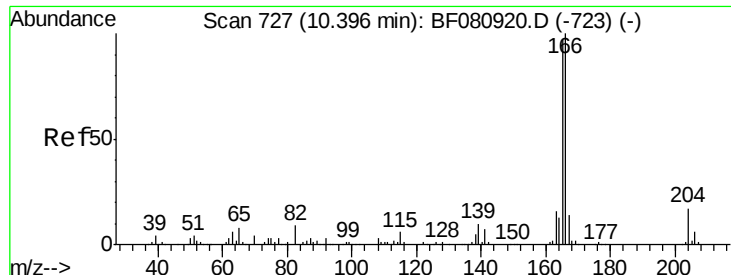
apatel  
8/12/2015 8:34:27 AM



#56  
2,4-Dinitrotoluene  
Concen: 43.01 ng  
RT: 10.02 min Scan# 694  
Delta R.T. -0.01 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 119222 |       |       |
| 63      | 52.5  | 56.7   | 85.1  |       |
| 89      | 75.9  | 80.4   | 120.6 |       |
| 182     | 2.0   | 1.5    | 2.3   |       |





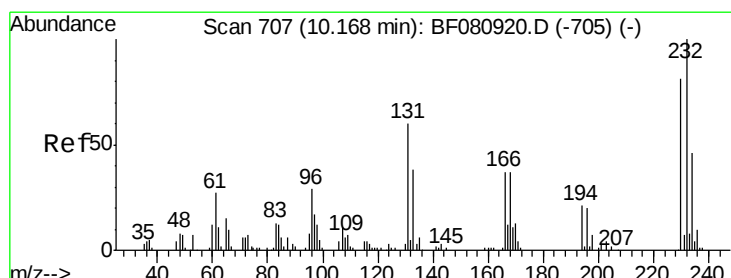
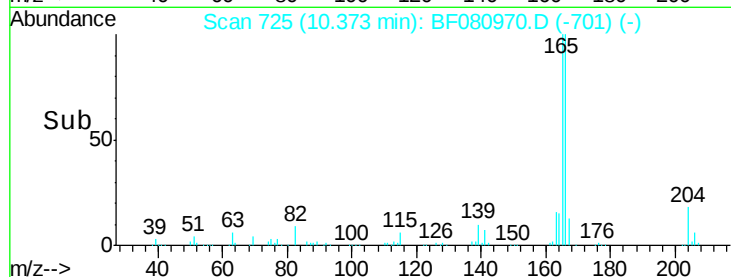
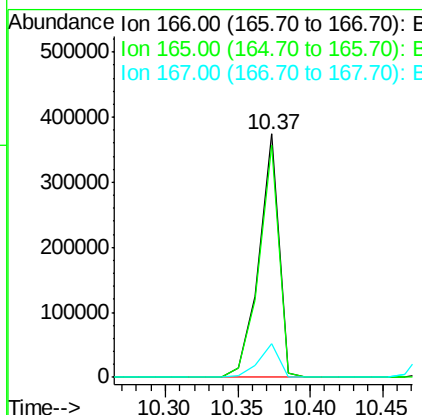
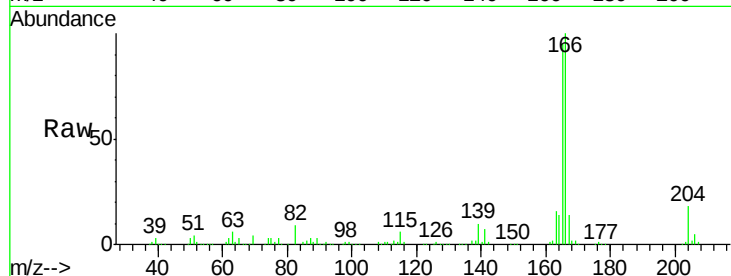
#57  
 Fluorene  
 Concen: 39.79 ng  
 RT: 10.37 min Scan# 725  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 357896 |       |       |
| 165     | 95.2  | 77.2   | 115.8 |       |
| 167     | 13.7  | 10.8   | 16.2  |       |

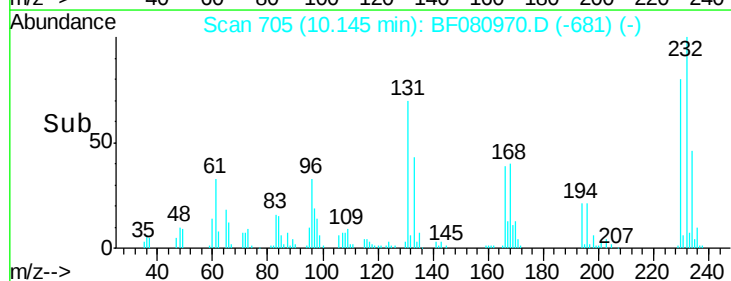
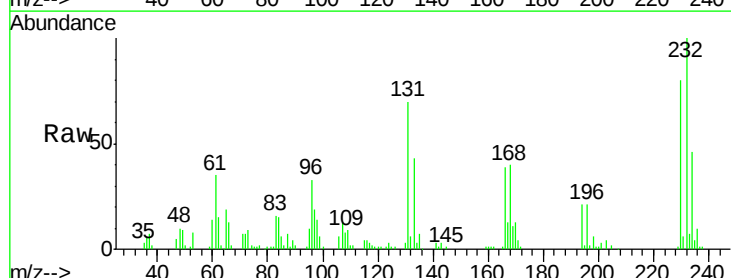
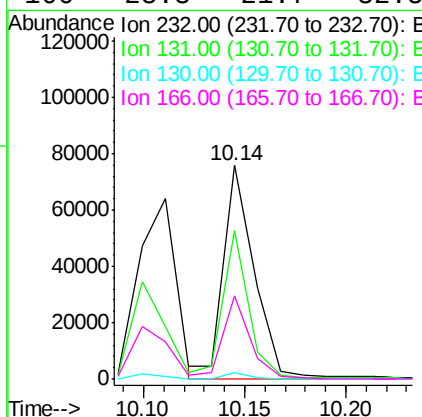
Manual Integrations  
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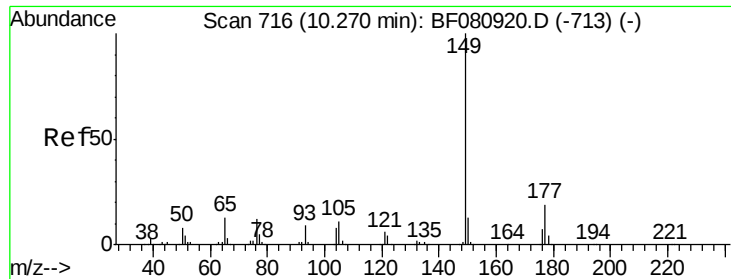
apatel  
 8/12/2015 8:34:27 AM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 37.26 ng m  
 RT: 10.14 min Scan# 705  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

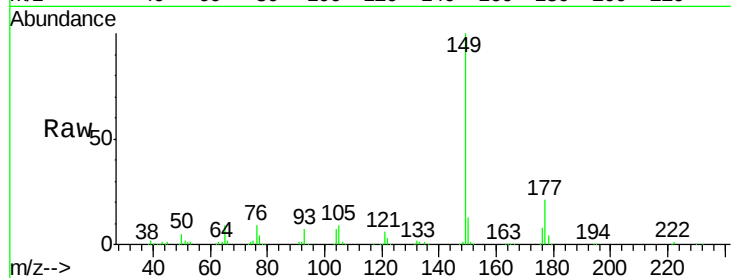
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 81049 |       |       |
| 131     | 48.2  | 39.4  | 59.2  |       |
| 130     | 2.4   | 2.1   | 3.1   |       |
| 166     | 28.3  | 21.7  | 32.5  |       |





#59  
Diethylphthalate  
Concen: 38.21 ng  
RT: 10.26 min Scan# 715  
Delta R.T. -0.01 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

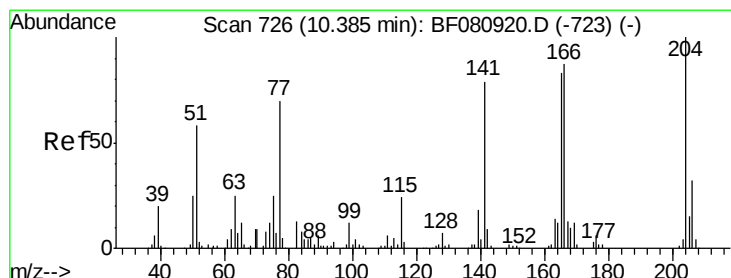
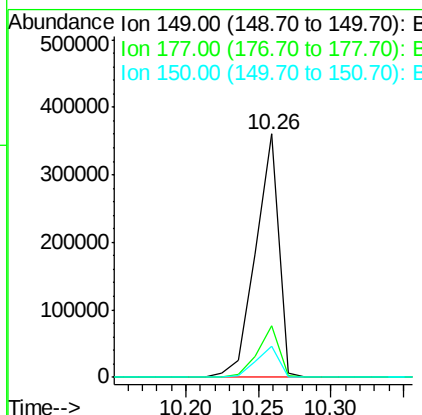
Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BSD



| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 21.4  | 15.0       | 22.4       |
| 150     | 12.8  | 10.4       | 15.6       |

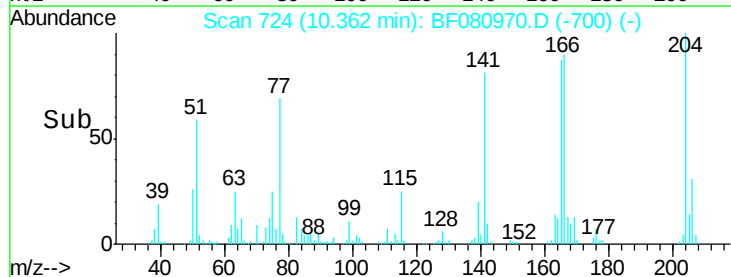
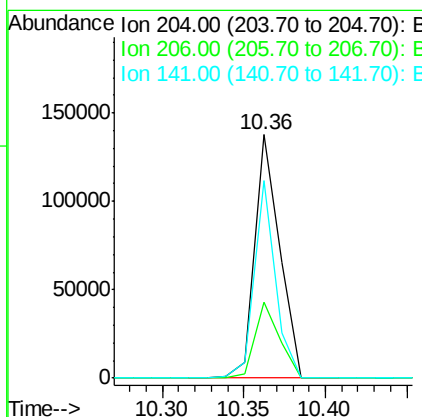
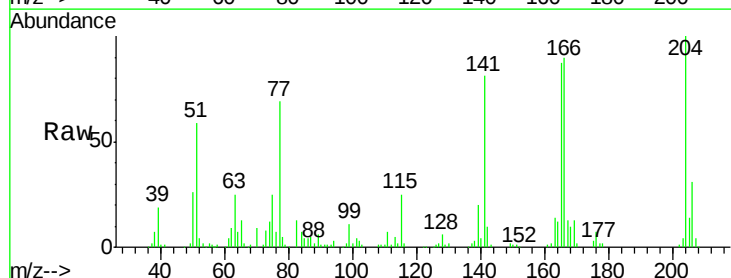
Manual Integrations  
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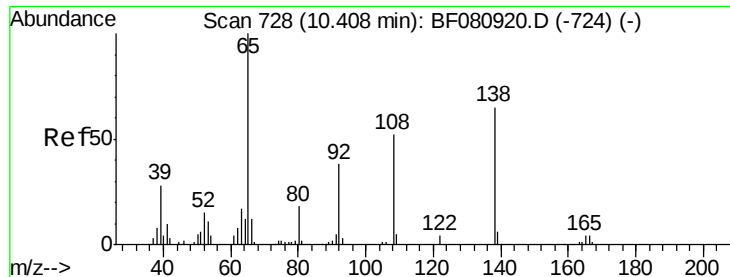
apatel  
8/12/2015 8:34:27 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 33.43 ng  
RT: 10.36 min Scan# 724  
Delta R.T. -0.02 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 31.1  | 25.5       | 38.3       |
| 141     | 81.1  | 63.4       | 95.0       |





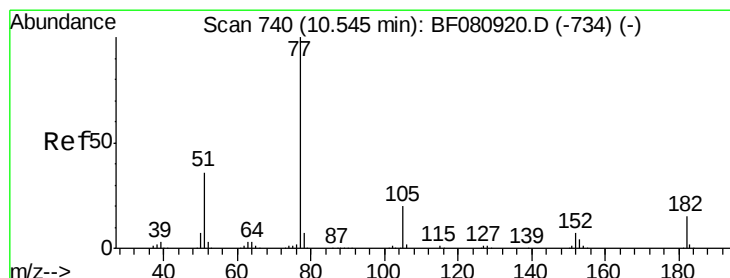
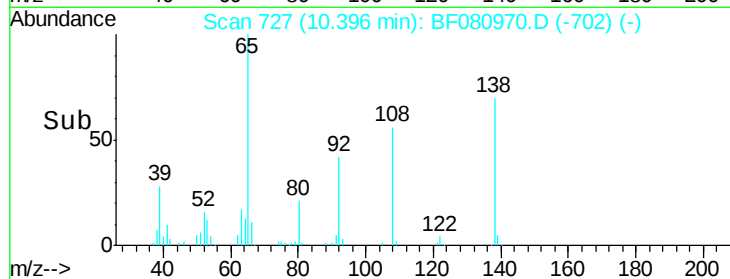
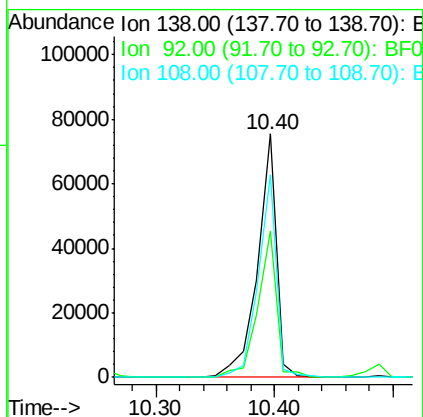
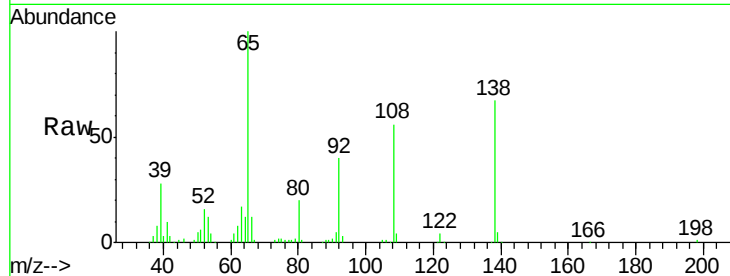
#61  
4-Nitroaniline  
Concen: 32.10 ng  
RT: 10.40 min Scan# 727  
Delta R.T. -0.01 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 84362 |       |       |
| 92      | 59.9  | 38.1  | 78.1  |       |
| 108     | 83.0  | 59.9  | 99.9  |       |

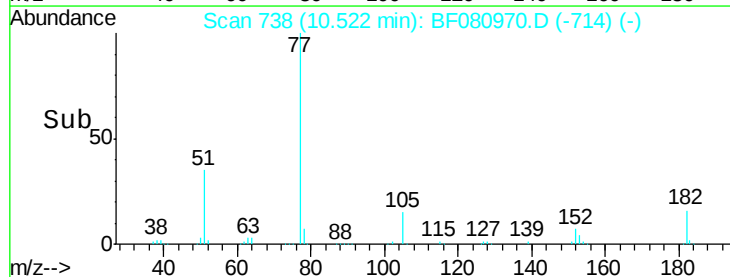
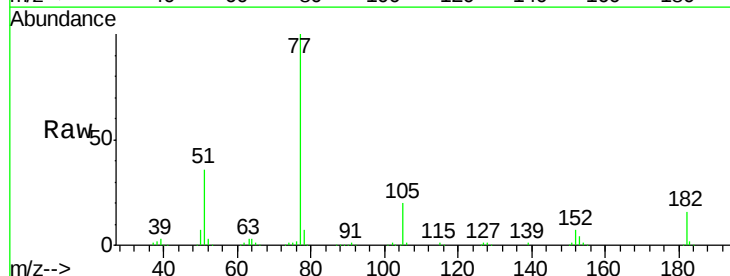
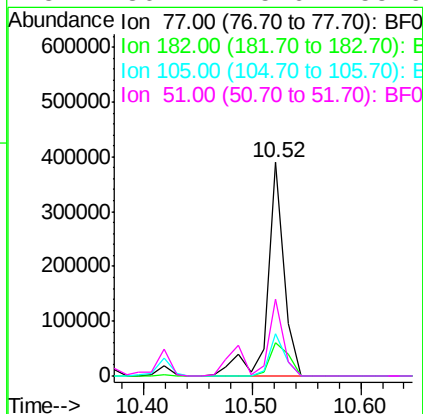
Manual Integrations  
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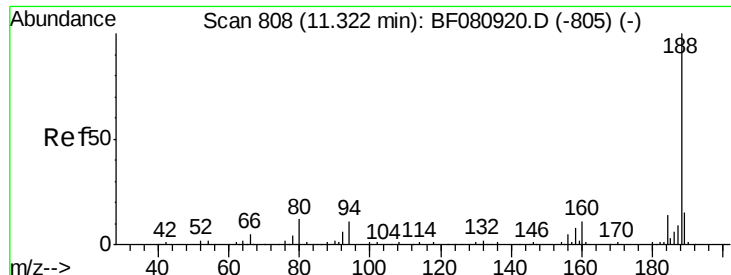
apatel  
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#62  
Azobenzene  
Concen: 35.37 ng  
RT: 10.52 min Scan# 738  
Delta R.T. -0.02 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 412753 |       |       |
| 182     | 15.6  | 0.0    | 35.5  |       |
| 105     | 20.1  | 0.5    | 40.5  |       |
| 51      | 36.2  | 15.6   | 55.6  |       |





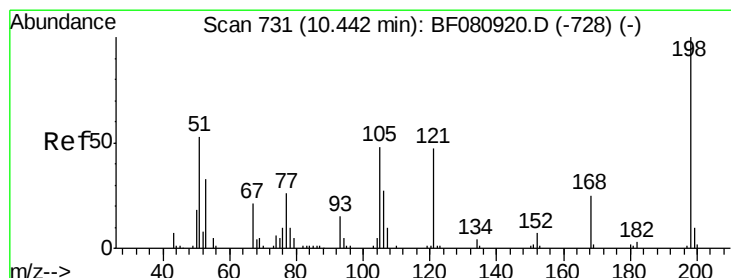
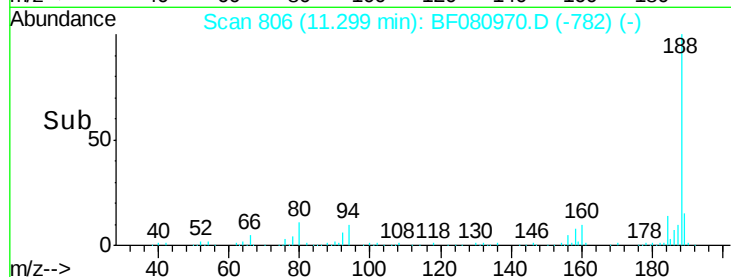
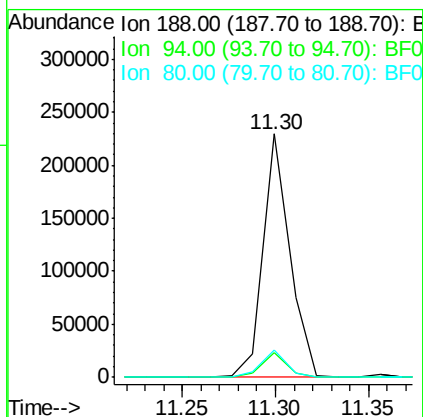
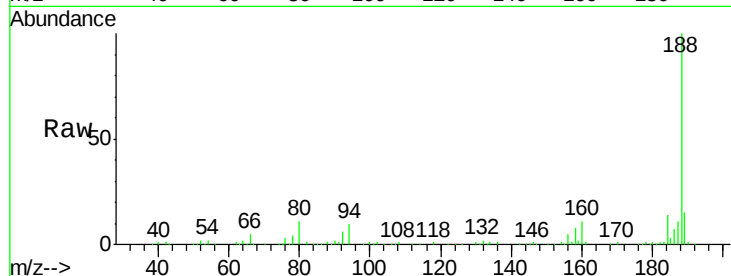
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.30 min Scan# 806  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 10.2  | 8.8        | 13.2       |
| 80      | 11.4  | 9.5        | 14.3       |

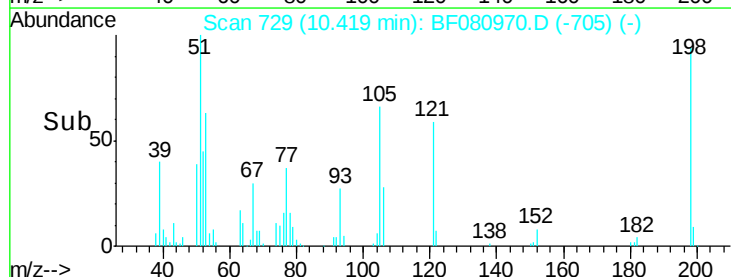
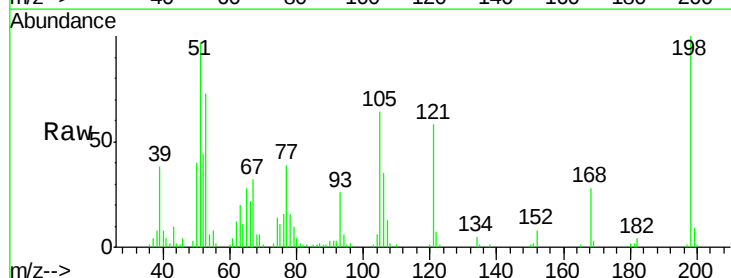
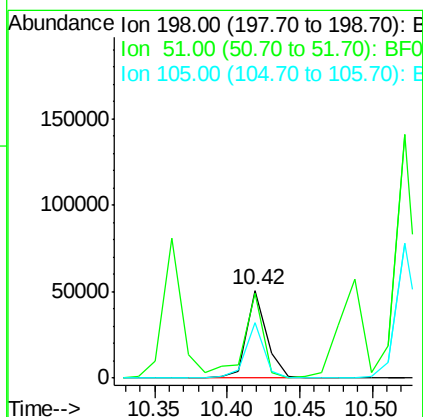
Manual Integrations  
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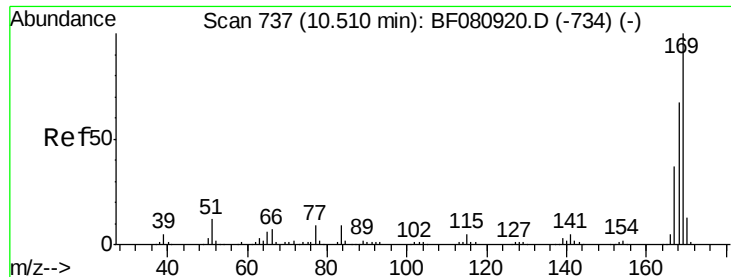
apatel  
 8/12/2015 8:34:27 AM



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 34.83 ng  
 RT: 10.42 min Scan# 729  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 96.7  | 40.3       | 80.3#      |
| 105     | 63.8  | 29.6       | 69.6       |





#65

n-Nitrosodiphenylamine

Concen: 39.57 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA\_F

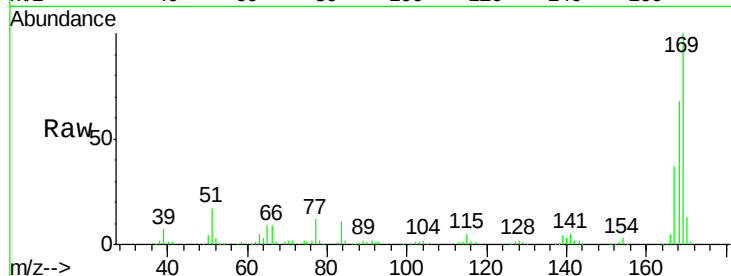
ClientSampleId :

PB84838BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 311311 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.8  | 53.7  | 80.5   |
| 167       | 37.1  | 29.3  | 43.9   |

Manual Integrations  
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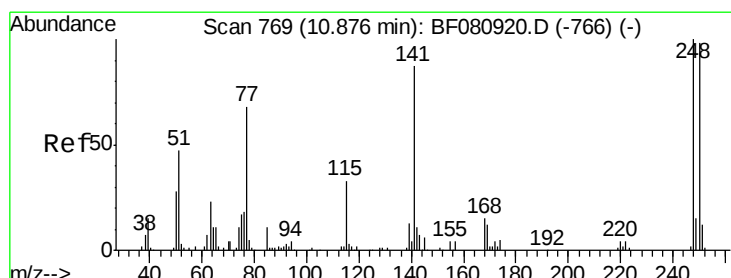
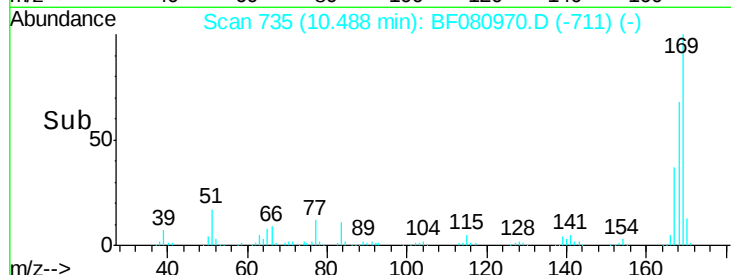
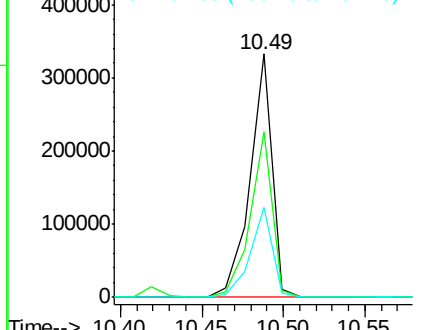
apatel  
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.04 ng

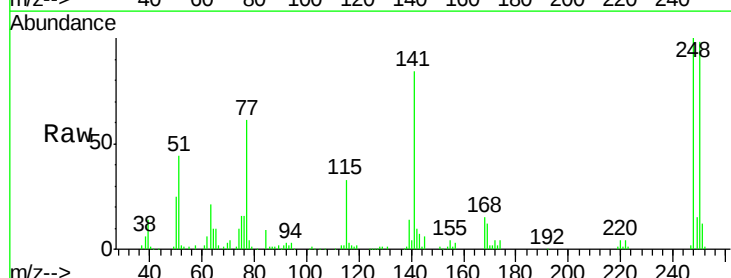
RT: 10.85 min Scan# 767

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

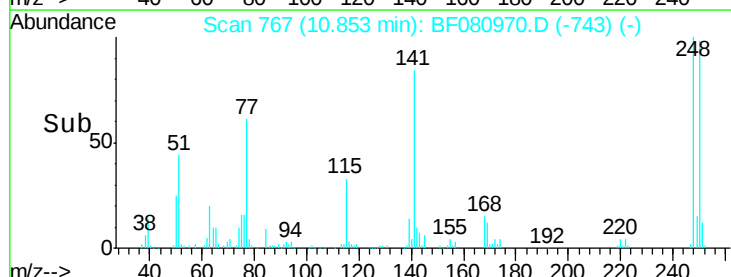
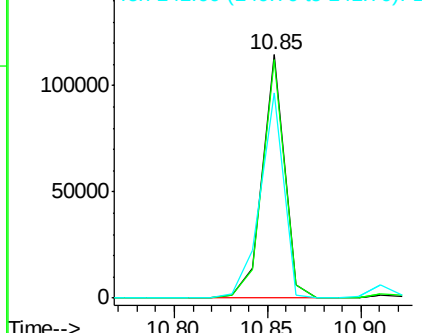
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 93634 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 97.9  | 78.1  | 117.1 |
| 141       | 84.2  | 69.6  | 104.4 |



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





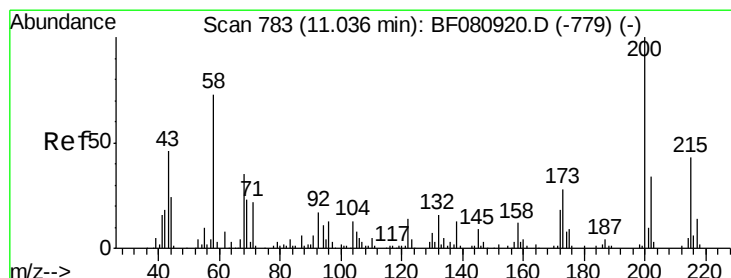
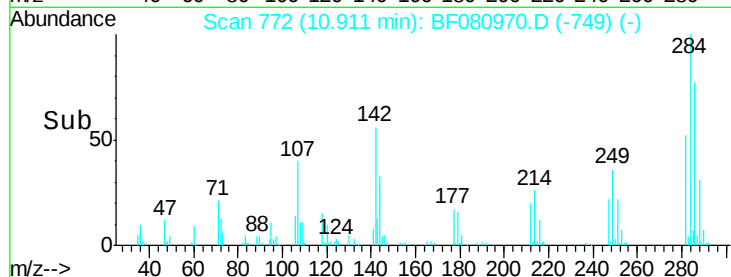
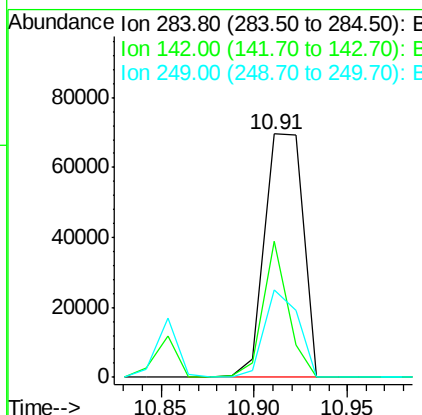
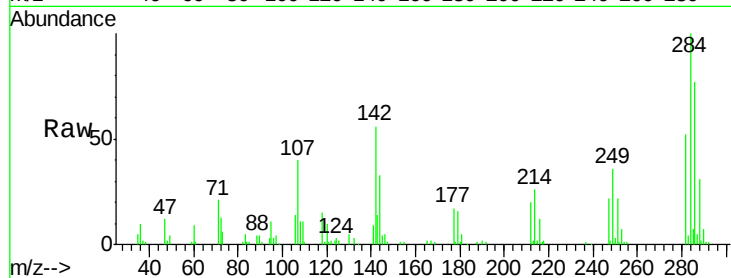
#67  
Hexachlorobenzene  
Concen: 37.30 ng  
RT: 10.91 min Scan# 772  
Delta R.T. -0.03 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 284     | 100   |            |            |
| 142     | 56.0  | 12.8       | 19.2#      |
| 249     | 36.0  | 22.5       | 33.7#      |

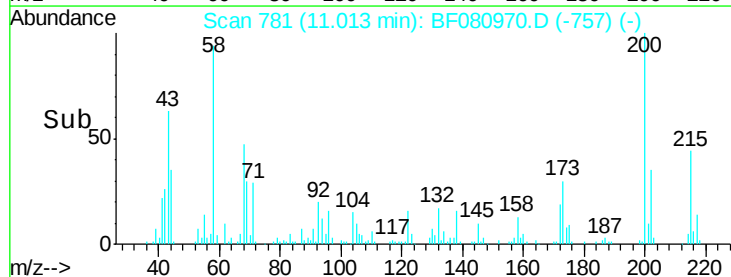
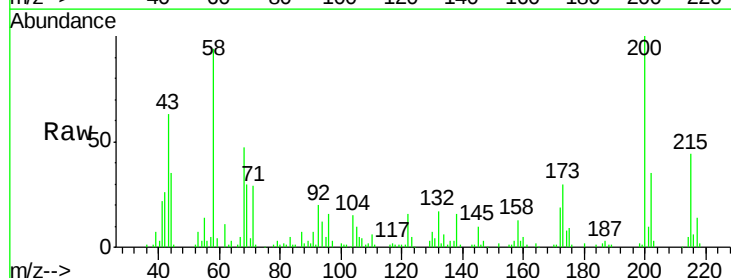
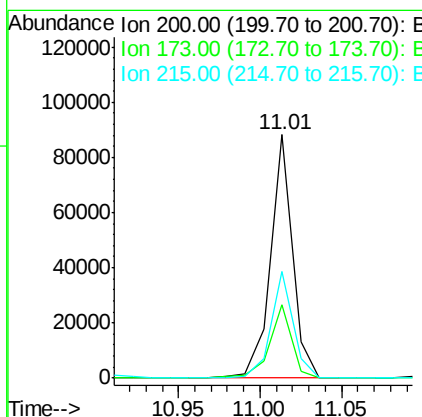
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8/12/2015 8:34:27 AM



#68  
Atrazine  
Concen: 36.05 ng  
RT: 11.01 min Scan# 781  
Delta R.T. -0.02 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 30.2  | 8.4        | 48.4       |
| 215     | 43.8  | 22.7       | 62.7       |





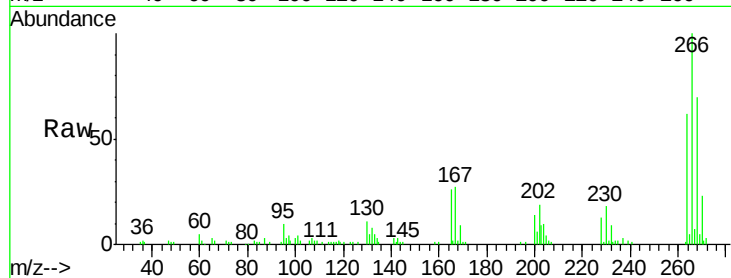
#69  
 Pentachlorophenol  
 Concen: 73.11 ng  
 RT: 11.12 min Scan# 790  
 Delta R.T. -0.01 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

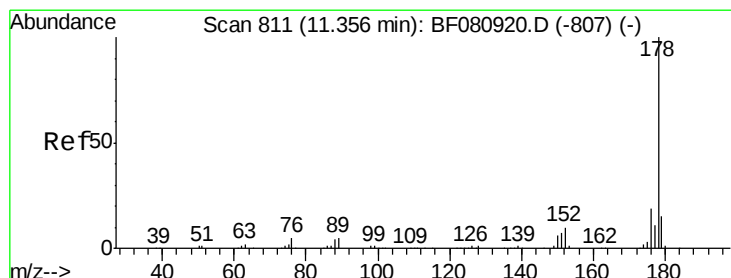
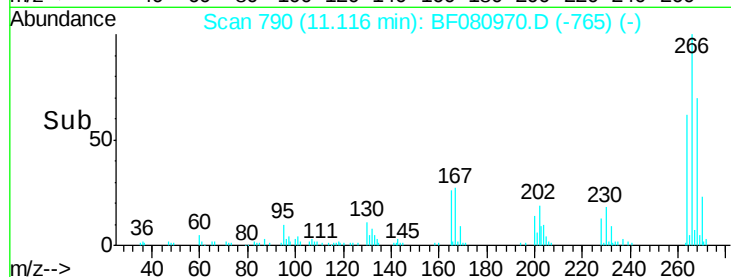
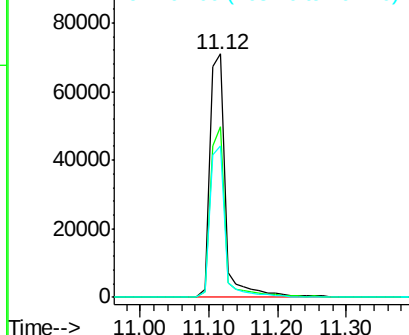
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 113351 |       |       |
| 268     | 70.2  | 51.6   | 77.4  |       |
| 264     | 62.4  | 50.1   | 75.1  |       |

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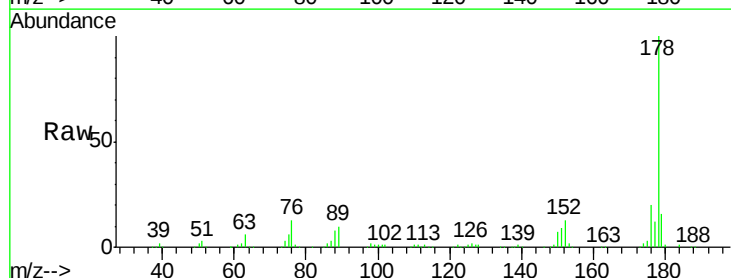


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

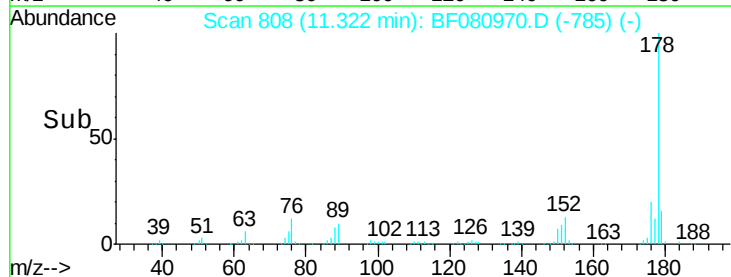
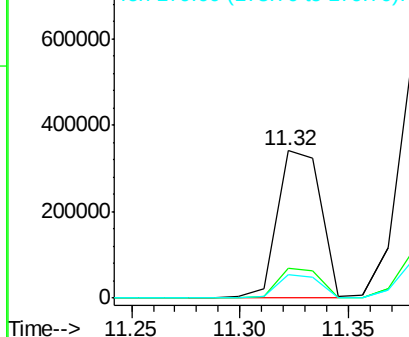


#70  
 Phenanthrene  
 Concen: 36.94 ng  
 RT: 11.32 min Scan# 808  
 Delta R.T. -0.03 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 473576 |       |       |
| 176     | 20.2  | 15.6   | 23.4  |       |
| 179     | 15.6  | 11.9   | 17.9  |       |



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





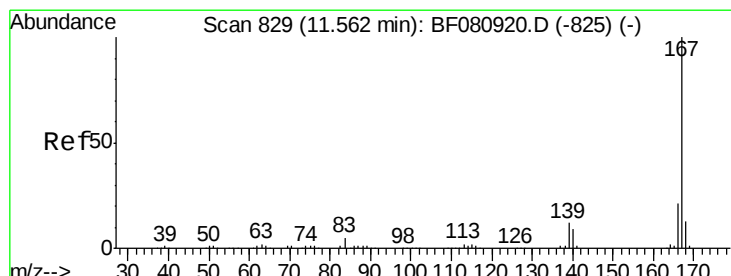
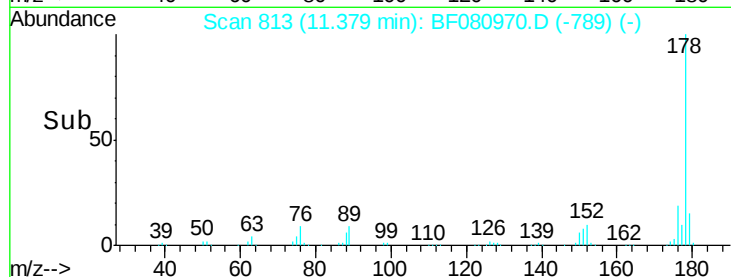
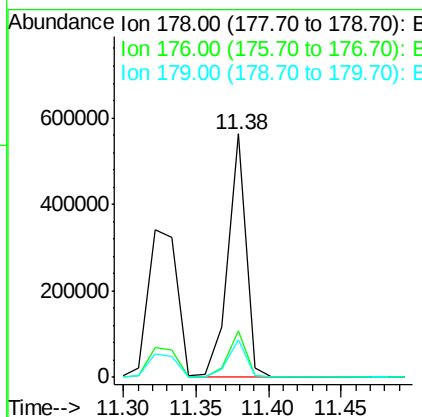
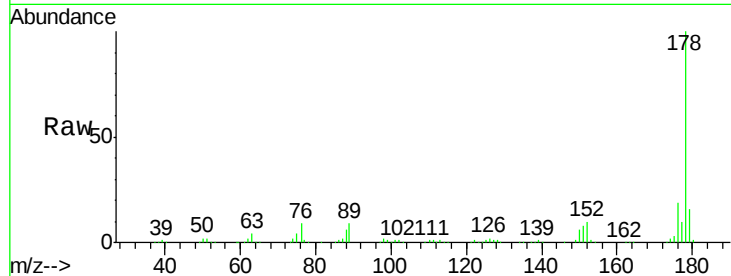
#71  
 Anthracene  
 Concen: 38.48 ng  
 RT: 11.38 min Scan# 813  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 488424 |       |       |
| 176     | 19.3  | 15.5   | 23.3  |       |
| 179     | 15.5  | 12.6   | 18.8  |       |

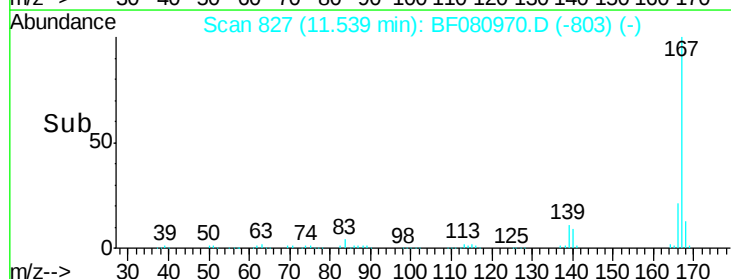
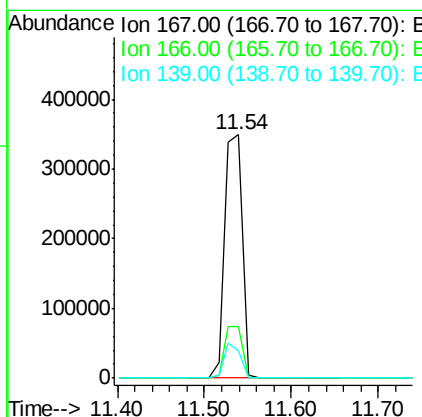
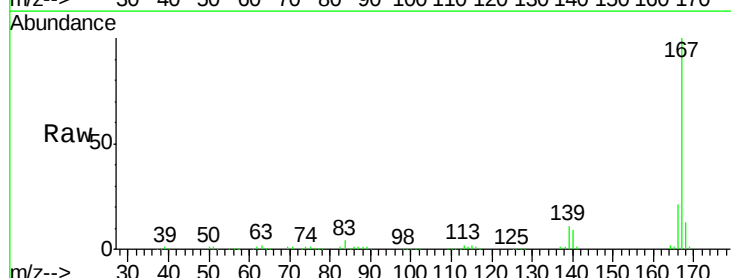
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#72  
 Carbazole  
 Concen: 40.01 ng  
 RT: 11.54 min Scan# 827  
 Delta R.T. -0.02 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 494484 |       |       |
| 166     | 21.1  | 17.1   | 25.7  |       |
| 139     | 11.3  | 9.2    | 13.8  |       |





#73

Di-n-butylphthalate

Concen: 37.35 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA\_F

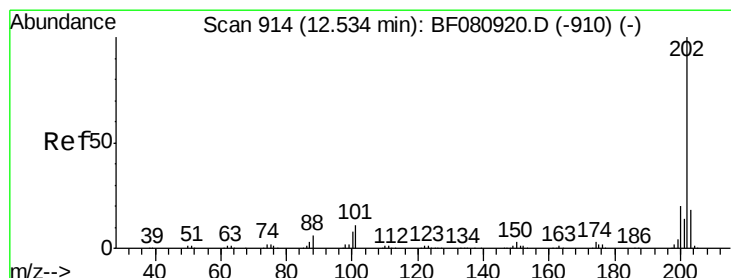
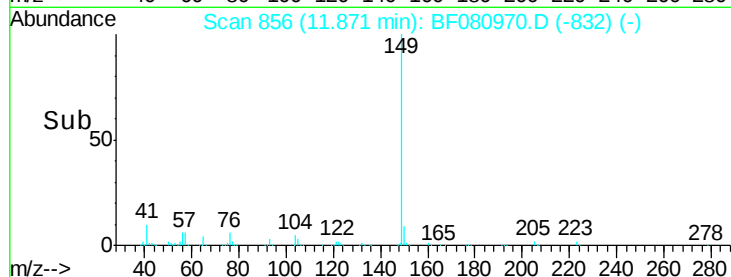
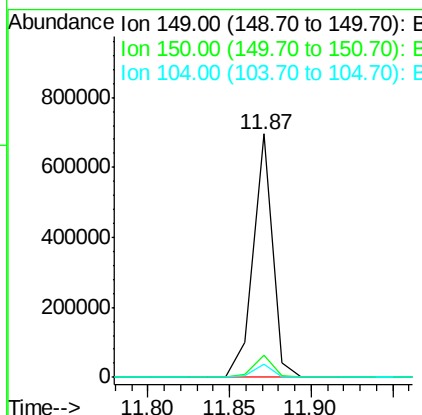
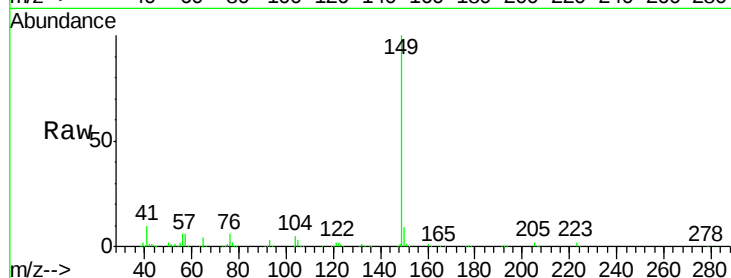
ClientSampleId :

PB84838BSD

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| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 577226 |       |       |
| 150     | 9.3   | 7.6    | 11.4  |       |
| 104     | 5.3   | 4.4    | 6.6   |       |



#74

Fluoranthene

Concen: 42.24 ng

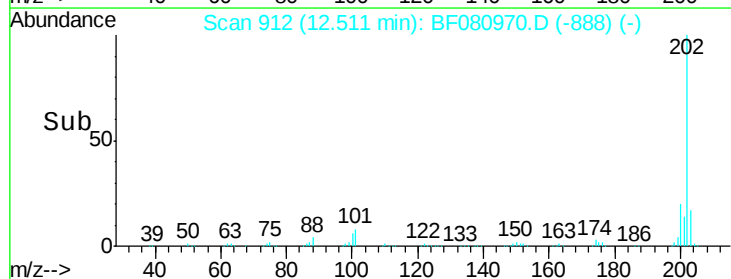
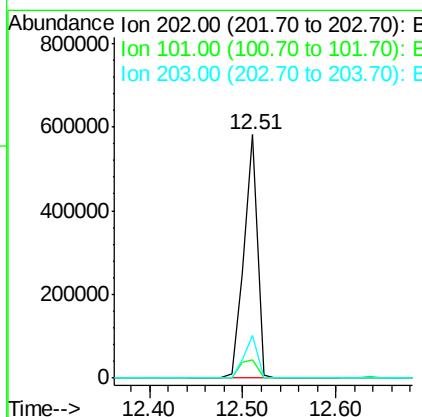
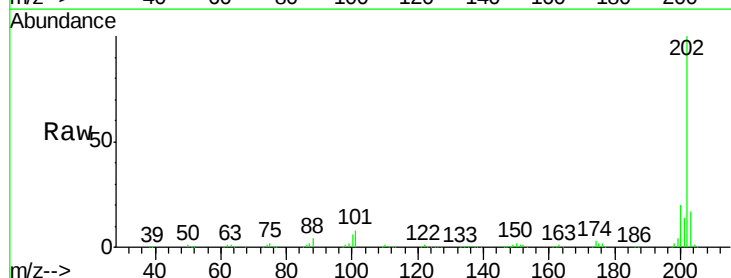
RT: 12.51 min Scan# 912

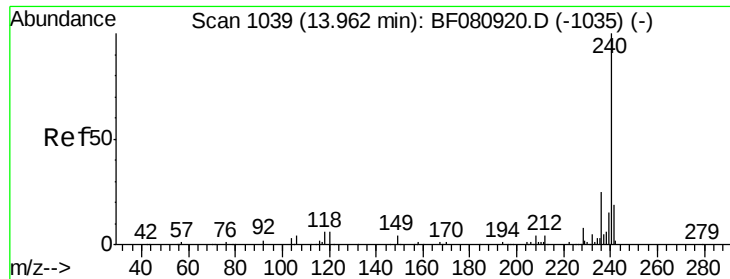
Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 585393 |       |       |
| 101     | 7.7   | 0.0    | 30.5  |       |
| 203     | 17.5  | 0.0    | 37.7  |       |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA\_F

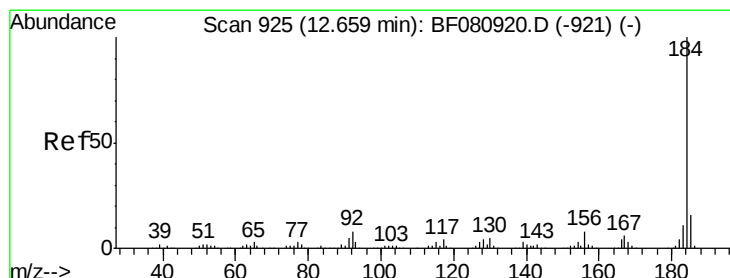
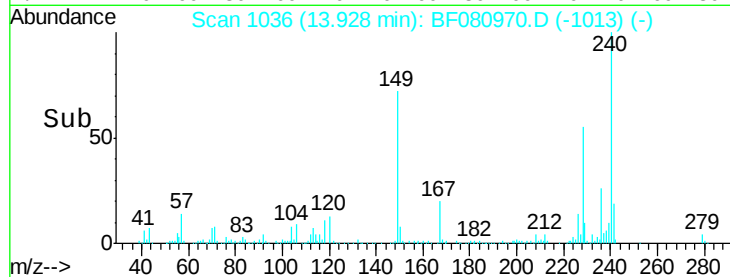
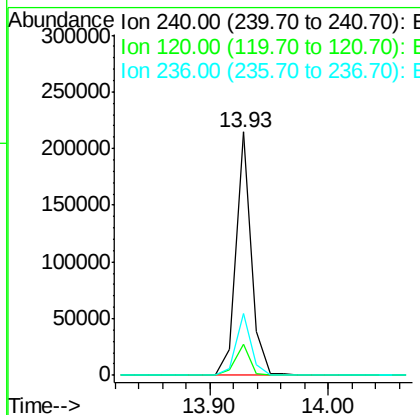
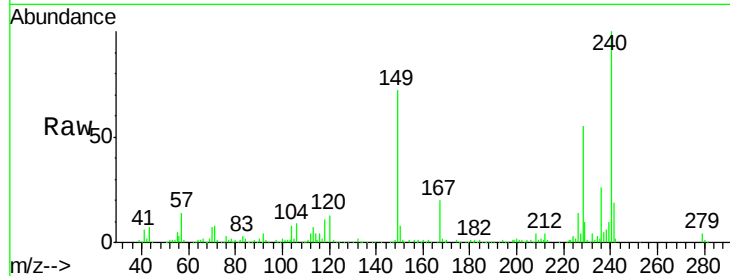
ClientSampleId :

PB84838BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 192884 |       |       |
| 120     | 12.6  | 5.2    | 7.8#  |       |
| 236     | 25.6  | 20.2   | 30.4  |       |

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#76

Benzidine

Concen: 50.44 ng

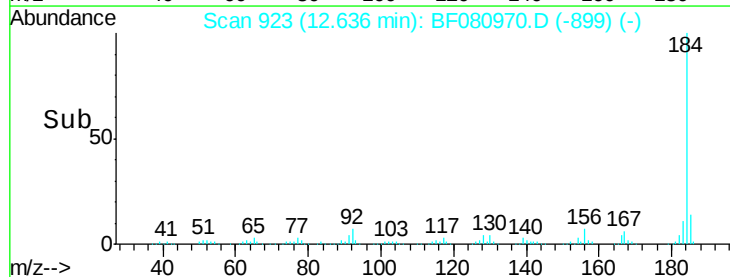
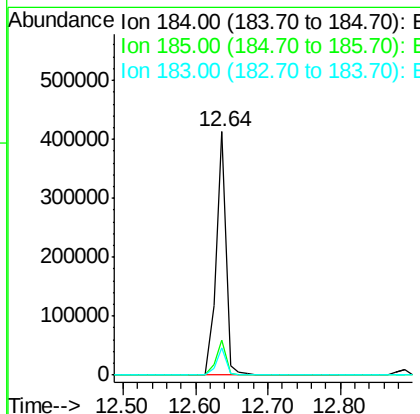
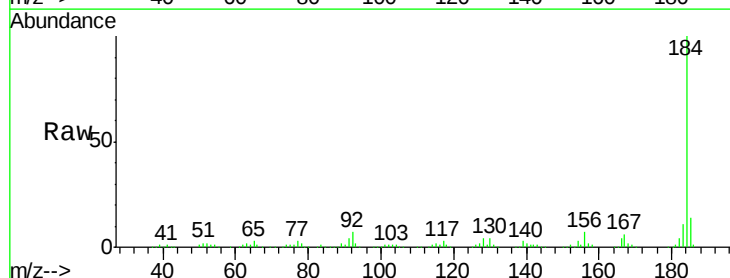
RT: 12.64 min Scan# 923

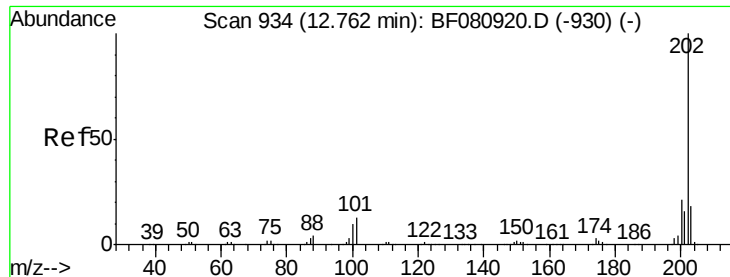
Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 383401 |       |       |
| 185     | 14.2  | 13.0   | 19.4  |       |
| 183     | 11.1  | 8.7    | 13.1  |       |





#77

Pyrene

Concen: 40.26 ng

RT: 12.74 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA\_F

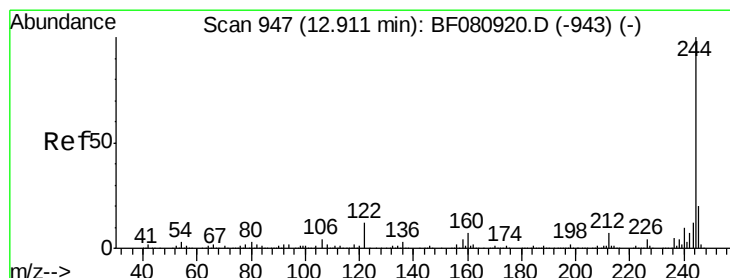
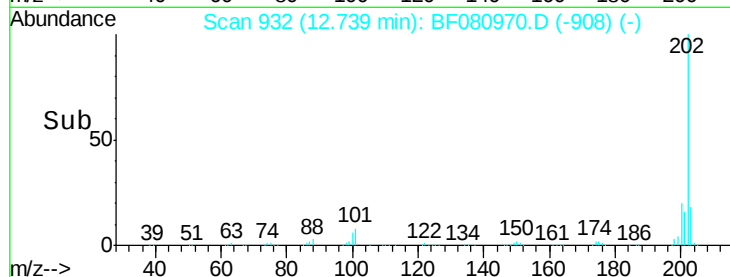
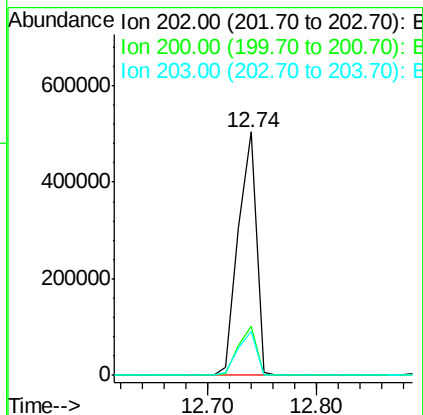
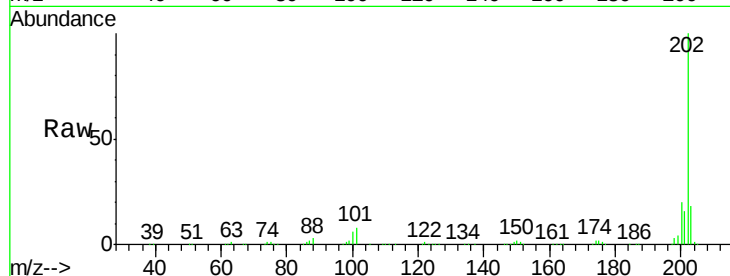
ClientSampleId :

PB84838BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 573729 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.2  | 16.6  | 24.8   |
| 203       | 18.0  | 14.2  | 21.2   |

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#78

Terphenyl-d14

Concen: 75.01 ng

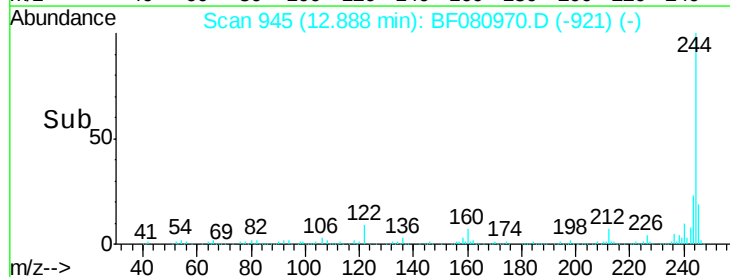
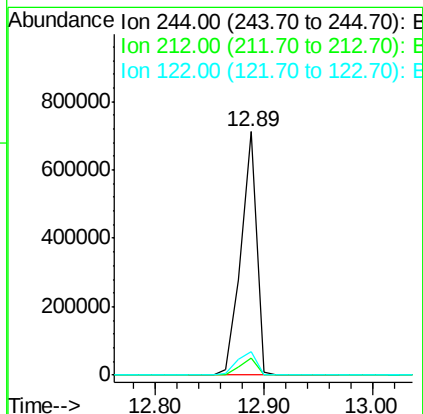
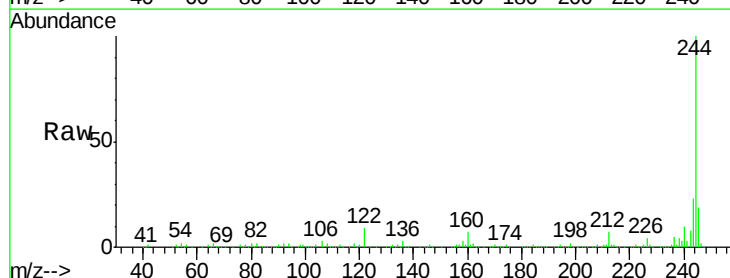
RT: 12.89 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 700485 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.2   | 5.8   | 8.8    |
| 122       | 9.5   | 9.4   | 14.2   |





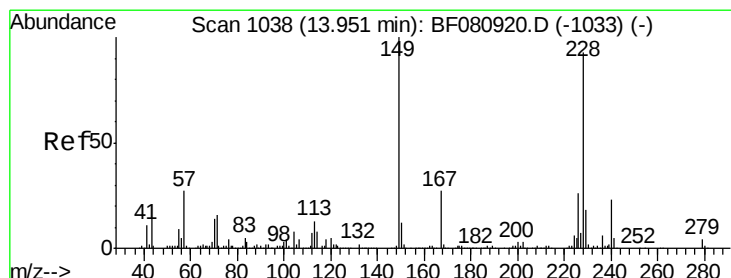
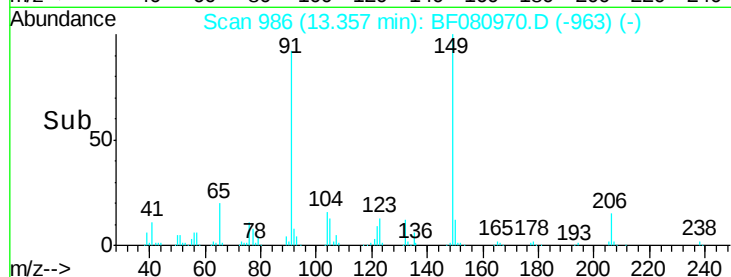
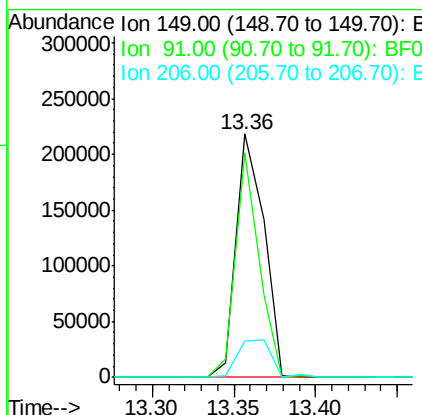
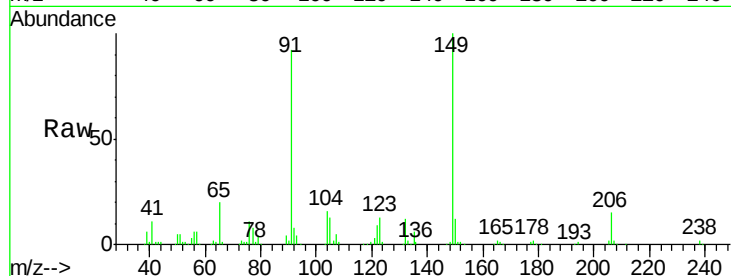
#79  
Butylbenzylphthalate  
Concen: 37.47 ng  
RT: 13.36 min Scan# 986  
Delta R.T. -0.03 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 91      | 92.3  | 47.2       | 70.8#      |
| 206     | 15.1  | 16.5       | 24.7#      |

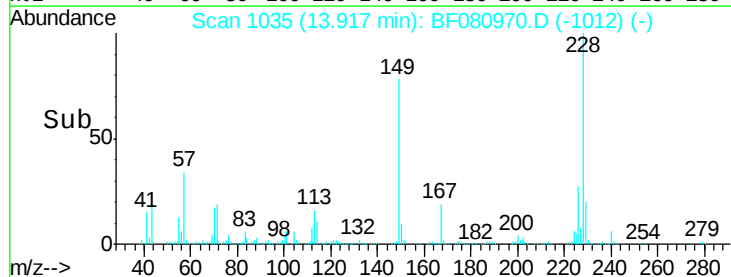
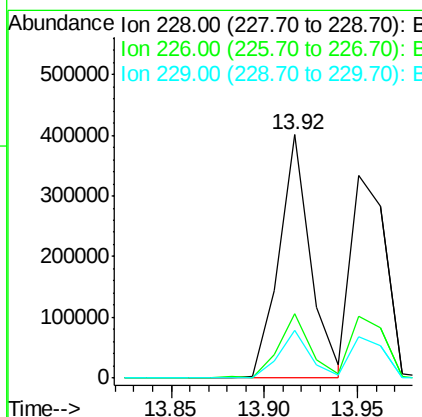
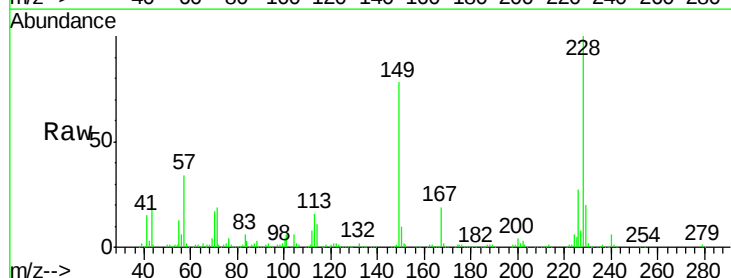
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#80  
Benzo(a)anthracene  
Concen: 38.70 ng  
RT: 13.92 min Scan# 1035  
Delta R.T. -0.03 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 26.6  | 22.2       | 33.2       |
| 229     | 19.6  | 15.8       | 23.6       |





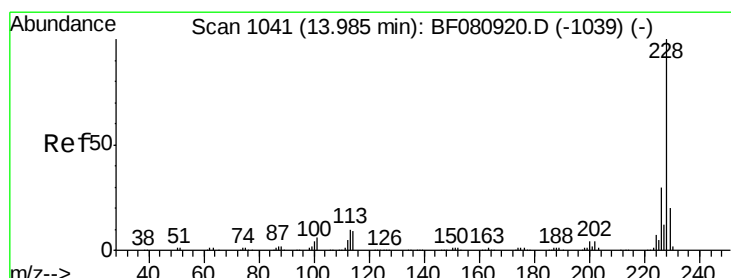
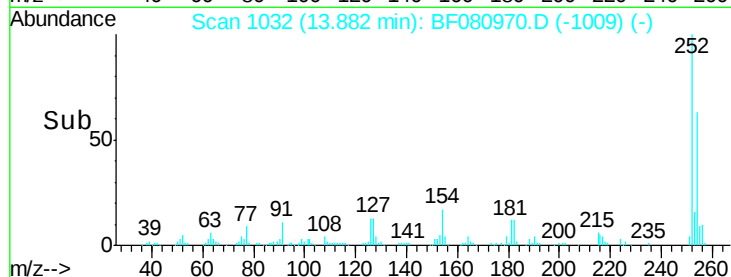
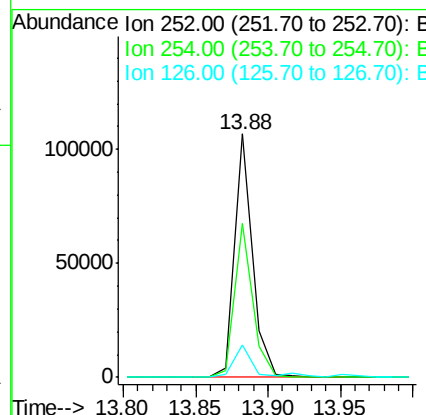
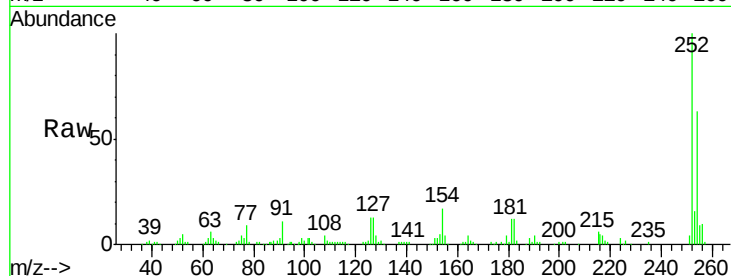
#81  
 3,3'-Dichlorobenzidine  
 Concen: 20.66 ng  
 RT: 13.88 min Scan# 1032  
 Delta R.T. -0.03 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 63.5  | 51.7       | 77.5       |
| 126     | 13.3  | 7.1        | 10.7       |

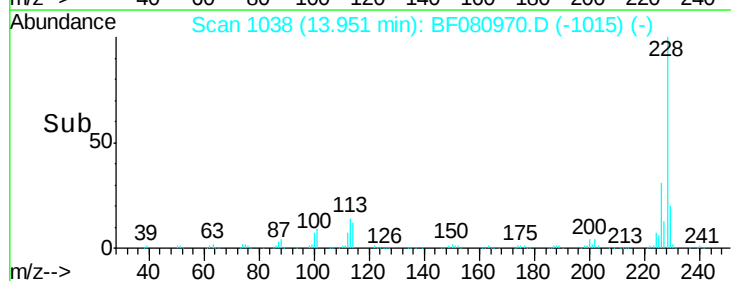
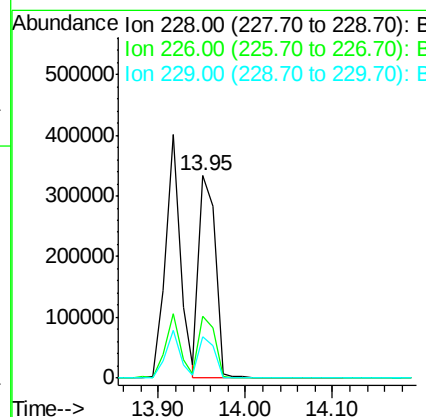
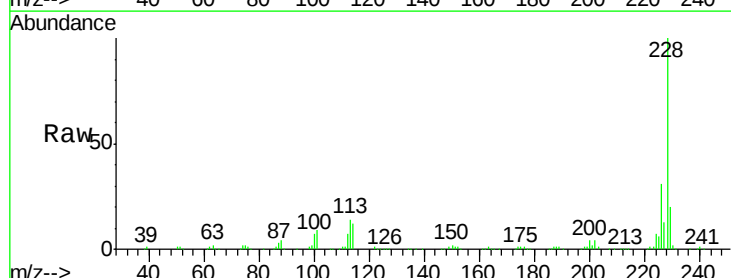
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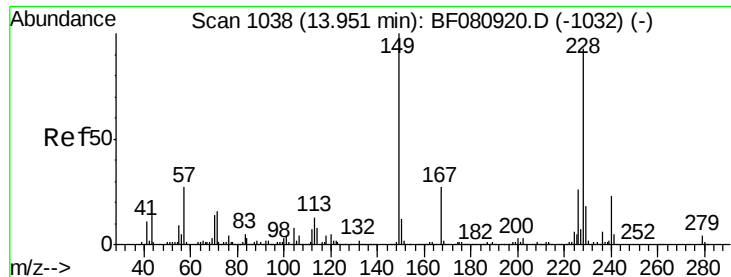
apatel  
 8/12/2015 8:34:27 AM



#82  
 Chrysene  
 Concen: 37.23 ng  
 RT: 13.95 min Scan# 1038  
 Delta R.T. -0.03 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 30.7  | 23.9       | 35.9       |
| 229     | 20.5  | 15.8       | 23.6       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.88 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF080970.D

Acq: 11 Aug 2015 19:37

Instrument :

BNA\_F

ClientSampleId :

PB84838BSD

Tgt Ion:149 Resp: 333397  
Ion Ratio Lower Upper

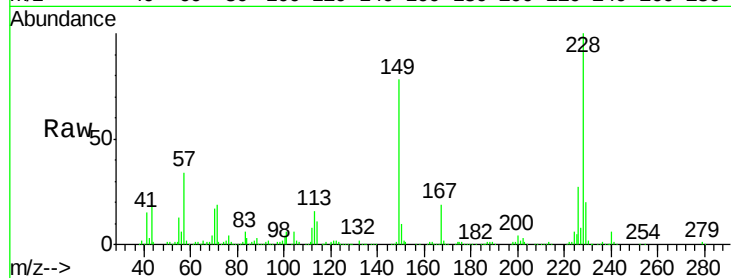
149 100

167 24.4 21.4 32.0

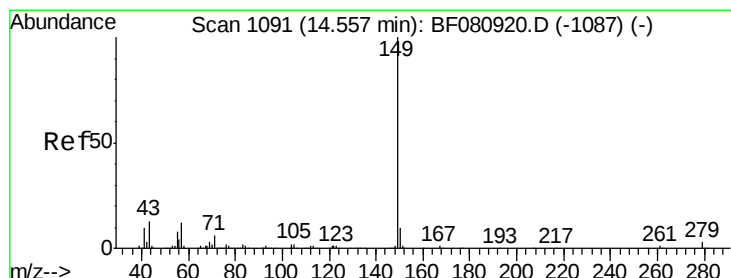
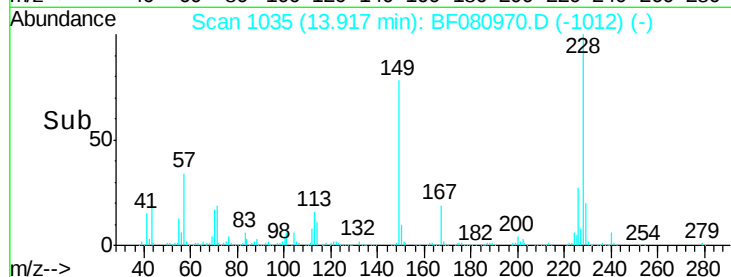
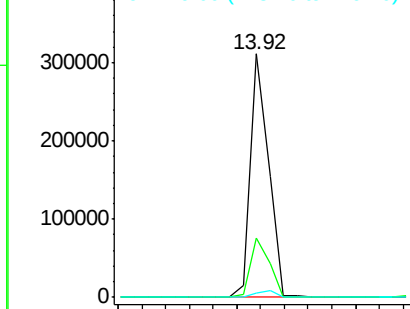
279 1.9 2.9 4.3#

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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.41 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.02 min

Lab File: BF080970.D

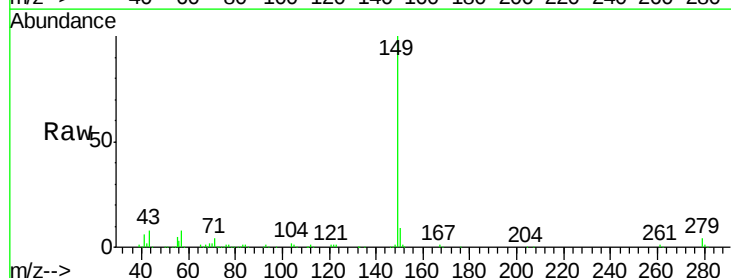
Acq: 11 Aug 2015 19:37

Tgt Ion:149 Resp: 573758  
Ion Ratio Lower Upper

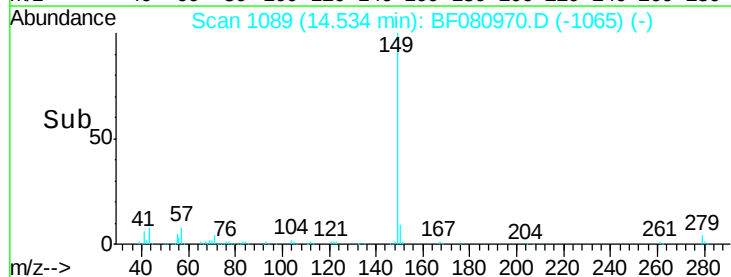
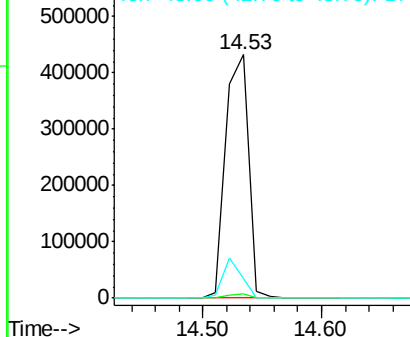
149 100

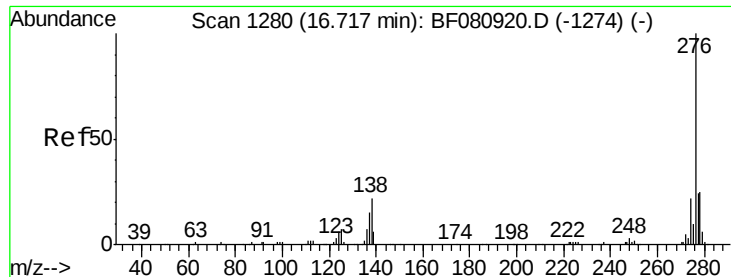
167 1.3 1.1 1.7

43 13.6 11.0 16.4



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BF0





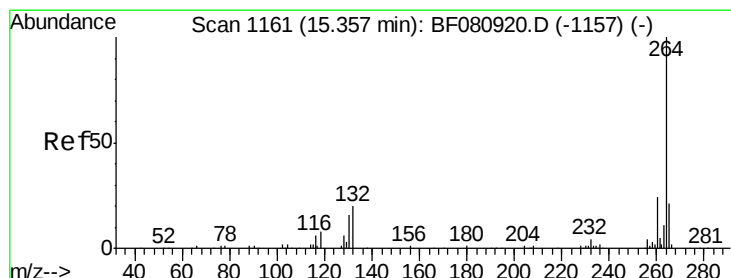
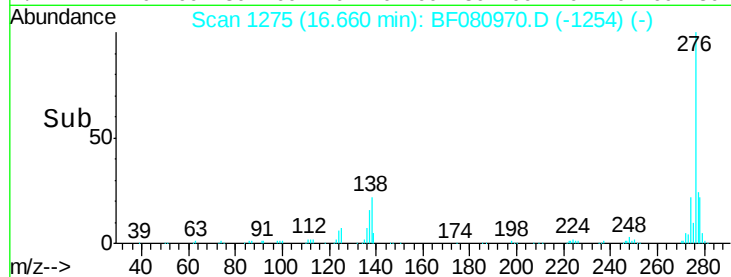
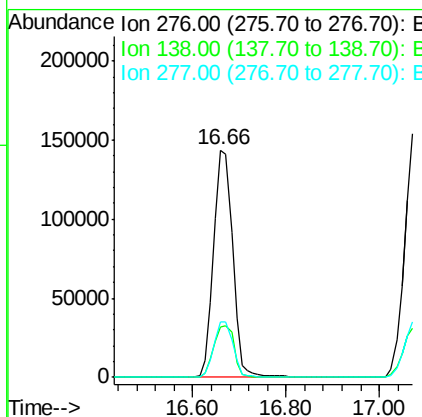
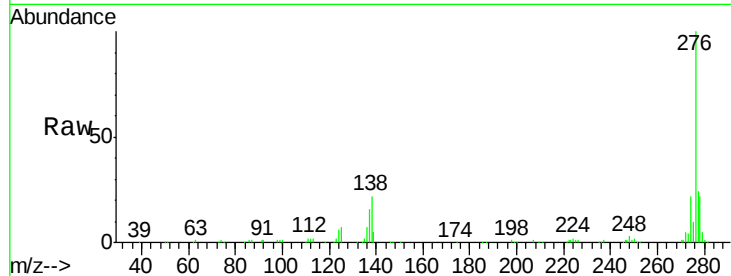
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 37.05 ng  
 RT: 16.66 min Scan# 1275  
 Delta R.T. -0.06 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 138     | 24.1  | 19.9       | 29.9       |
| 277     | 24.5  | 19.7       | 29.5       |

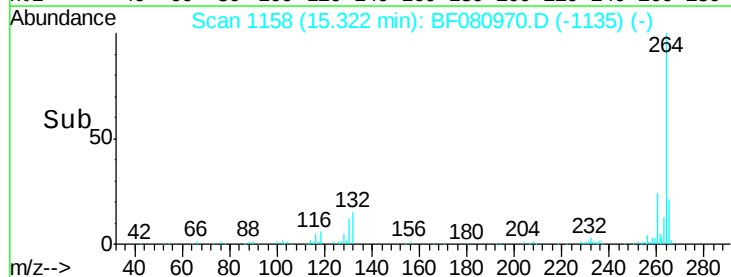
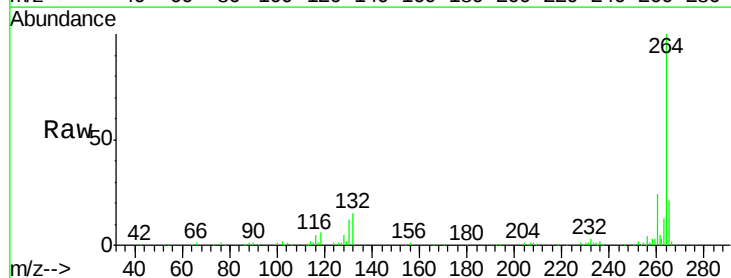
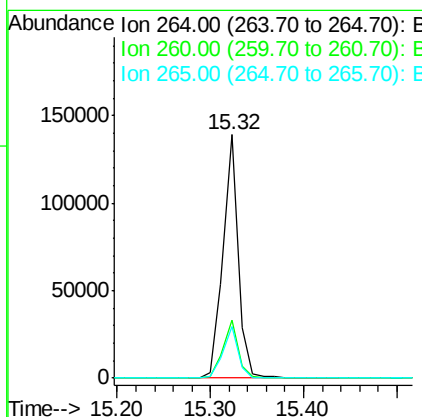
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.32 min Scan# 1158  
 Delta R.T. -0.03 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 264     | 100   |            |            |
| 260     | 24.0  | 19.4       | 29.0       |
| 265     | 21.2  | 17.0       | 25.4       |





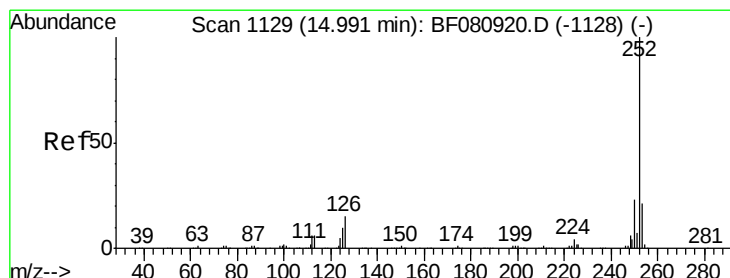
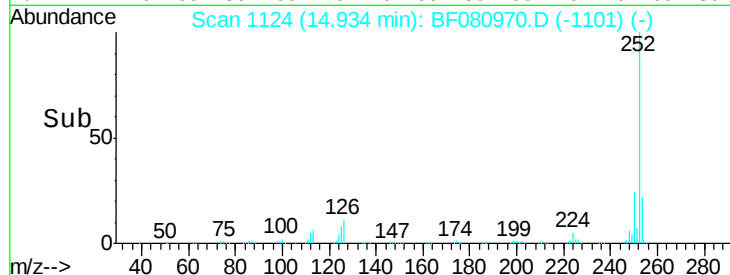
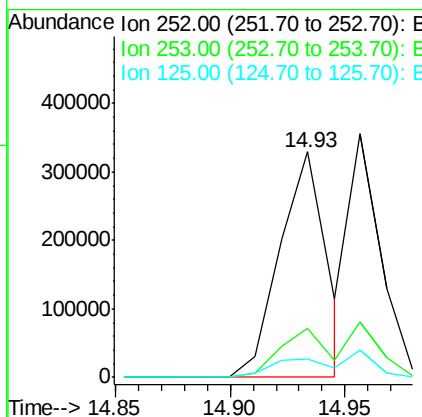
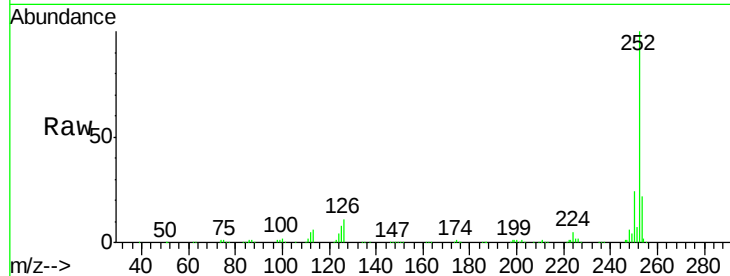
#87  
Benzo(b)fluoranthene  
Concen: 42.47 ng m  
RT: 14.93 min Scan# 1124  
Delta R.T. -0.03 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 464515 |       |       |
| 253     | 21.6  | 17.6   | 26.4  |       |
| 125     | 8.4   | 6.1    | 9.1   |       |

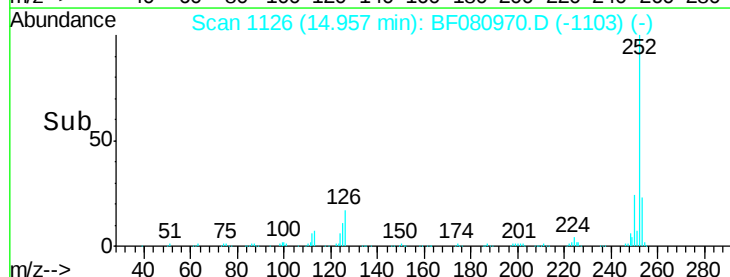
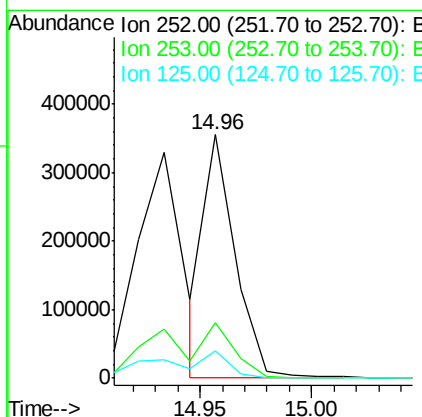
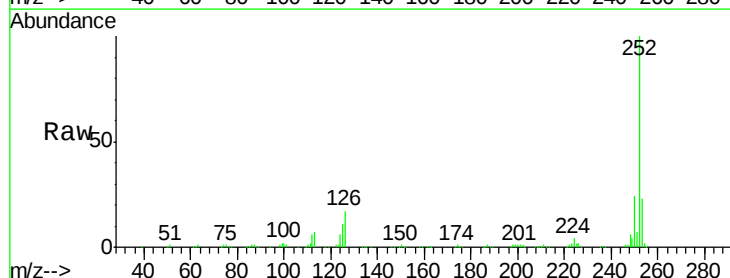
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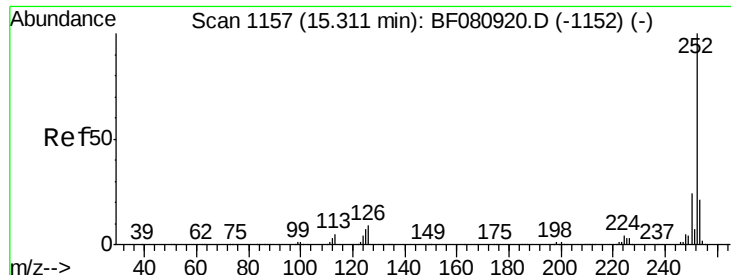
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#88  
Benzo(k)fluoranthene  
Concen: 36.06 ng m  
RT: 14.96 min Scan# 1126  
Delta R.T. -0.03 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 345083 |       |       |
| 253     | 22.7  | 17.4   | 26.2  |       |
| 125     | 11.4  | 9.0    | 13.6  |       |





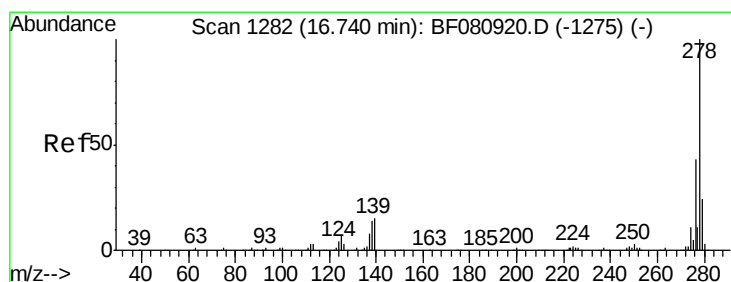
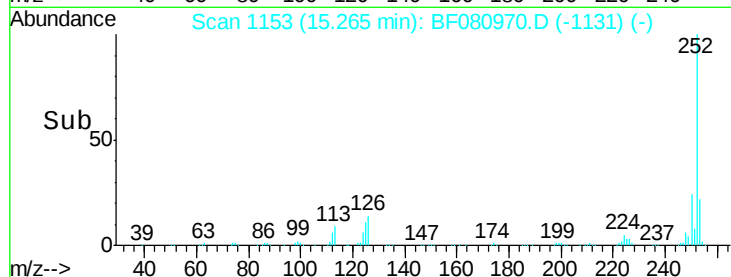
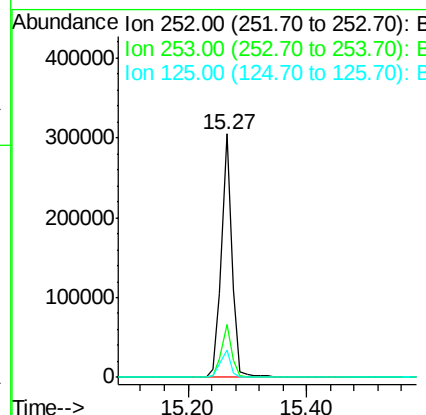
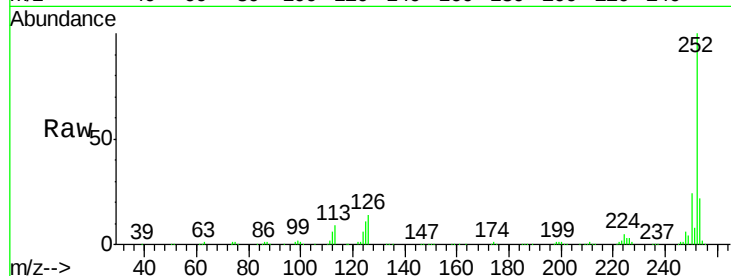
#89  
Benzo(a)pyrene  
Concen: 40.32 ng  
RT: 15.27 min Scan# 1153  
Delta R.T. -0.05 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

Instrument :  
BNA\_F  
ClientSampleId :  
PB84838BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 16.9  | 25.3  |
| 125     | 11.1  | 5.8   | 8.8   |

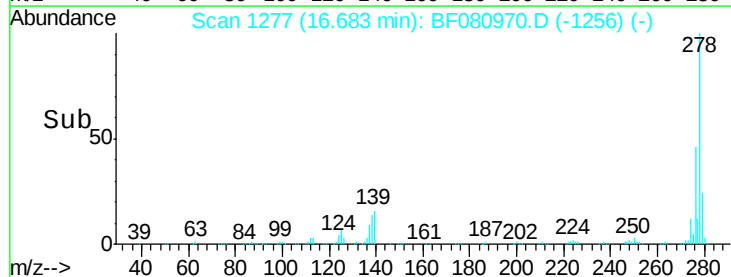
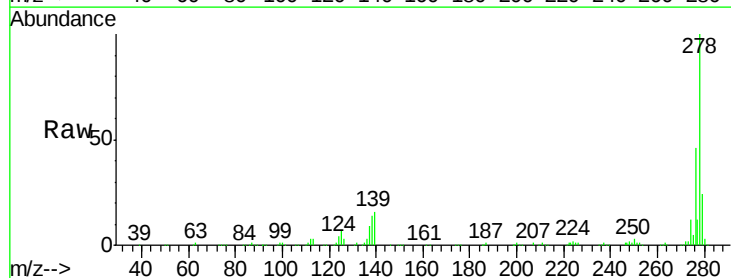
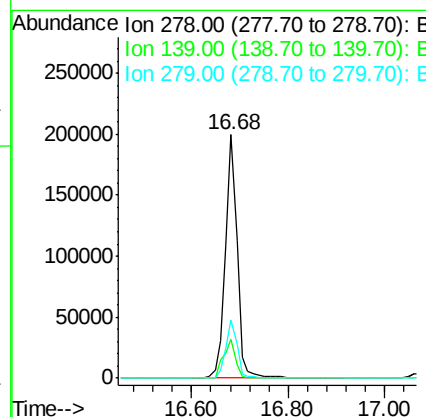
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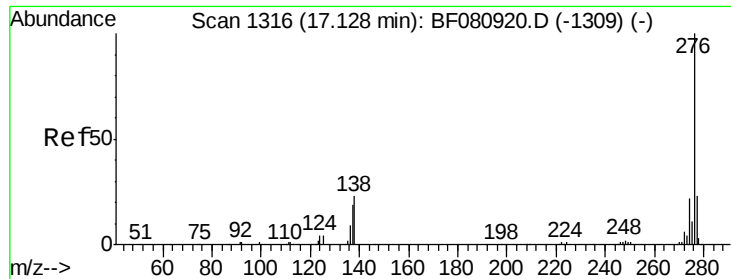
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#90  
Dibenzo(a,h)anthracene  
Concen: 41.21 ng  
RT: 16.68 min Scan# 1277  
Delta R.T. -0.06 min  
Lab File: BF080970.D  
Acq: 11 Aug 2015 19:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.8  | 11.9  | 17.9  |
| 279     | 23.7  | 19.0  | 28.6  |





#91  
 Benzo(g,h,i)perylene  
 Concen: 38.94 ng  
 RT: 17.07 min Scan# 1311  
 Delta R.T. -0.06 min  
 Lab File: BF080970.D  
 Acq: 11 Aug 2015 19:37

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84838BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 314929 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.0  | 18.6  | 28.0   |
| 138       | 20.2  | 18.4  | 27.6   |

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