

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF081115\  
 Data File : BF080964.D  
 Acq On : 11 Aug 2015 16:28  
 Operator : UM/IZ  
 Sample : PB84907BSD  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

Manual Integrations  
 APPROVED

apatel  
 8/12/2015 8:33:55 AM

Quant Time: Aug 12 15:04:56 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  | 61189    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.08  | 136  | 242429   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.82  | 164  | 107536   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 11.30 | 188  | 199078   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 13.93 | 240  | 180927   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 15.32 | 264  | 169465   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.39  | 112 | 431359 | 115.18 | ng | 0.01  |
| 7) Phenol-d6             | 6.43  | 99  | 666241 | 129.82 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 7.36  | 82  | 435659 | 85.00  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 10.61 | 330 | 131972 | 111.71 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 9.15  | 172 | 620501 | 81.23  | ng | -0.02 |
| 78) Terphenyl-d14        | 12.89 | 244 | 657913 | 75.11  | ng | -0.02 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.44 | 88  | 56854  | 32.01 | ng | 99     |
| 3) Pyridine                    | 3.13 | 79  | 181012 | 35.93 | ng | 89     |
| 4) n-Nitrosodimethylamine      | 3.08 | 42  | 95513  | 37.14 | ng | 99     |
| 6) Aniline                     | 6.45 | 93  | 205607 | 27.27 | ng | 93     |
| 8) 2-Chlorophenol              | 6.57 | 128 | 155449 | 35.87 | ng | # 81   |
| 9) Benzaldehyde                | 6.33 | 77  | 125766 | 36.36 | ng | 97     |
| 10) Phenol                     | 6.44 | 94  | 249878 | 41.04 | ng | 80     |
| 11) bis(2-Chloroethyl)ether    | 6.52 | 93  | 162359 | 35.71 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 6.73 | 146 | 172832 | 37.58 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.81 | 146 | 171639 | 35.92 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 6.96 | 146 | 158907 | 36.78 | ng | 99     |
| 15) Benzyl Alcohol             | 6.93 | 79  | 158057 | 37.63 | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.07 | 45  | 326779 | 35.73 | ng | 98     |
| 17) 2-Methylphenol             | 7.05 | 107 | 141044 | 38.13 | ng | # 92   |
| 18) Hexachloroethane           | 7.30 | 117 | 65669  | 35.87 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70  | 129244 | 34.46 | ng | 100    |
| 20) 3+4-Methylphenols          | 7.21 | 107 | 181998 | 39.17 | ng | # 79   |
| 22) Acetophenone               | 7.20 | 105 | 232765 | 39.18 | ng | # 95   |
| 24) Nitrobenzene               | 7.37 | 77  | 175325 | 33.22 | ng | 97     |
| 25) Isophorone                 | 7.61 | 82  | 354149 | 35.93 | ng | # 93   |
| 26) 2-Nitrophenol              | 7.69 | 139 | 84982  | 38.27 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 7.73 | 122 | 169015 | 40.66 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.82 | 93  | 200778 | 33.93 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 7.93 | 162 | 128747 | 37.69 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.02 | 180 | 138304 | 37.04 | ng | 98     |
| 31) Naphthalene                | 8.09 | 128 | 470853 | 35.24 | ng | 99     |
| 32) Benzoic acid               | 7.86 | 122 | 100213 | 40.27 | ng | 93     |
| 33) 4-Chloroaniline            | 8.14 | 127 | 120739 | 22.23 | ng | 94     |
| 34) Hexachlorobutadiene        | 8.21 | 225 | 80583  | 36.27 | ng | 97     |
| 35) Caprolactam                | 8.52 | 113 | 51417m | 41.84 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 8.64 | 107 | 164285 | 39.41 | ng | 90     |
| 37) 2-Methylnaphthalene        | 8.78 | 142 | 320017 | 37.62 | ng | 100    |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.96 | 216 | 124224 | 37.47 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 8.94 | 237 | 169199 | 93.53 | ng | 98     |

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 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

Manual Integrations  
 APPROVED

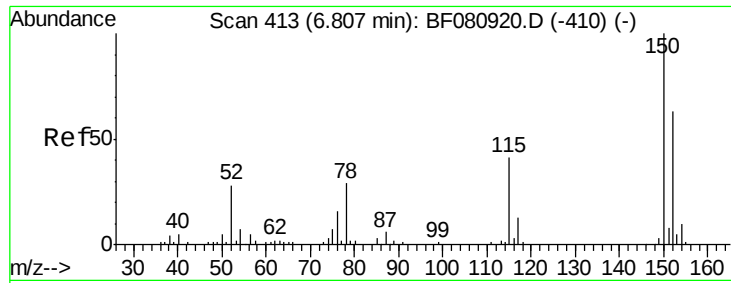
apatel  
 8/12/2015 8:33:55 AM

Quant Time: Aug 12 15:04:56 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  | 88741    | 36.52 | ng    | 94       |
| 43) 2,4,5-Trichlorophenol      | 9.10  | 196  | 103103   | 42.11 | ng #  | 86       |
| 45) 1,1'-Biphenyl              | 9.25  | 154  | 391981   | 42.47 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.28  | 162  | 281592   | 39.13 | ng    | 99       |
| 47) 2-Nitroaniline             | 9.37  | 65   | 111130   | 38.52 | ng    | 97       |
| 48) Acenaphthylene             | 9.69  | 152  | 480695   | 38.43 | ng    | 100      |
| 49) Dimethylphthalate          | 9.56  | 163  | 329272   | 36.86 | ng #  | 98       |
| 50) 2,6-Dinitrotoluene         | 9.62  | 165  | 71906    | 38.96 | ng #  | 46       |
| 51) Acenaphthene               | 9.86  | 154  | 326773   | 42.65 | ng    | 99       |
| 52) 3-Nitroaniline             | 9.78  | 138  | 55271    | 24.29 | ng    | 99       |
| 53) 2,4-Dinitrophenol          | 9.88  | 184  | 78565    | 70.84 | ng #  | 70       |
| 54) Dibenzofuran               | 10.03 | 168  | 404098   | 39.01 | ng    | 99       |
| 55) 4-Nitrophenol              | 9.95  | 139  | 139160   | 81.71 | ng #  | 73       |
| 56) 2,4-Dinitrotoluene         | 10.02 | 165  | 107628   | 43.59 | ng #  | 72       |
| 57) Fluorene                   | 10.37 | 166  | 325330   | 40.60 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.14 | 232  | 71412m   | 36.85 | ng    |          |
| 59) Diethylphthalate           | 10.26 | 149  | 349786   | 37.62 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 10.36 | 204  | 127838   | 32.74 | ng    | 96       |
| 61) 4-Nitroaniline             | 10.40 | 138  | 80481    | 34.38 | ng    | 96       |
| 62) Azobenzene                 | 10.52 | 77   | 364879   | 35.09 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 10.42 | 198  | 47909    | 38.83 | ng #  | 70       |
| 65) n-Nitrosodiphenylamine     | 10.49 | 169  | 281761   | 40.74 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.85 | 248  | 91164    | 43.24 | ng    | 97       |
| 67) Hexachlorobenzene          | 10.91 | 284  | 95542    | 40.76 | ng #  | 56       |
| 68) Atrazine                   | 11.01 | 200  | 83011    | 40.94 | ng    | 98       |
| 69) Pentachlorophenol          | 11.10 | 266  | 106053   | 77.80 | ng    | 99       |
| 70) Phenanthrene               | 11.32 | 178  | 405291   | 35.95 | ng    | 99       |
| 71) Anthracene                 | 11.38 | 178  | 452264   | 40.52 | ng    | 99       |
| 72) Carbazole                  | 11.53 | 167  | 412233   | 37.94 | ng #  | 97       |
| 73) Di-n-butylphthalate        | 11.87 | 149  | 569725   | 41.93 | ng    | 99       |
| 74) Fluoranthene               | 12.51 | 202  | 496464   | 40.74 | ng    | 96       |
| 76) Benzidine                  | 12.64 | 184  | 371074   | 52.04 | ng    | 97       |
| 77) Pyrene                     | 12.74 | 202  | 519382   | 38.86 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.36 | 149  | 212695   | 33.01 | ng #  | 67       |
| 80) Benzo(a)anthracene         | 13.92 | 228  | 436639   | 38.21 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 13.88 | 252  | 79092    | 19.03 | ng #  | 98       |
| 82) Chrysene                   | 13.95 | 228  | 376942   | 34.45 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 13.92 | 149  | 303872   | 33.89 | ng #  | 96       |
| 84) Di-n-octyl phthalate       | 14.53 | 149  | 521627   | 34.32 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 16.67 | 276  | 388141   | 37.27 | ng    | 99       |
| 87) Benzo(b)fluoranthene       | 14.93 | 252  | 443002m  | 37.59 | ng    |          |
| 88) Benzo(k)fluoranthene       | 14.96 | 252  | 322354m  | 31.27 | ng    |          |
| 89) Benzo(a)pyrene             | 15.27 | 252  | 402603   | 39.75 | ng #  | 95       |
| 90) Dibenzo(a,h)anthracene     | 16.68 | 278  | 327428   | 36.55 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 17.07 | 276  | 290456   | 33.34 | ng    | 96       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

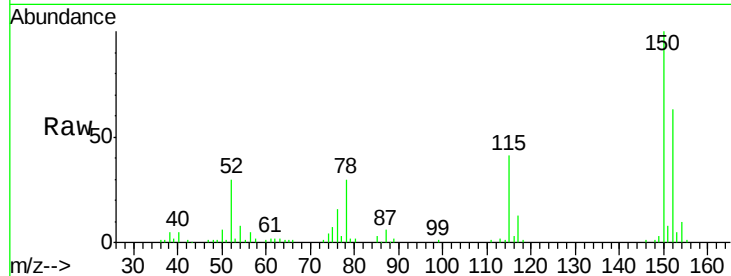
ClientSampleId :

PB84907BSD

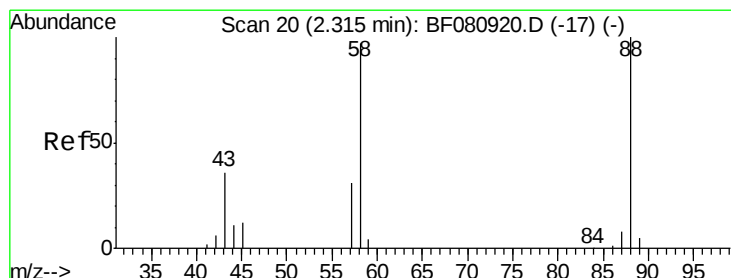
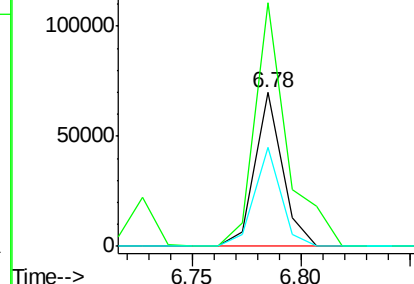
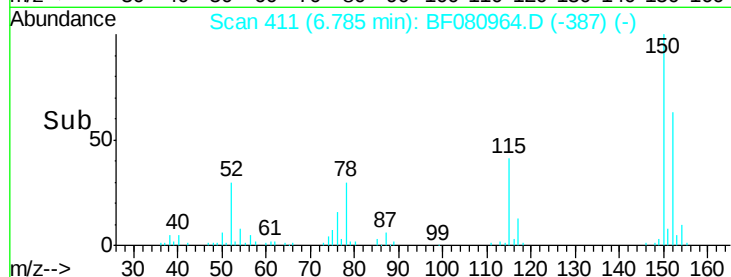
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 61189 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 158.4 | 127.4 | 191.2 |
| 115       | 64.5  | 52.6  | 78.8  |

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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



#2

1,4-Dioxane

Concen: 32.01 ng

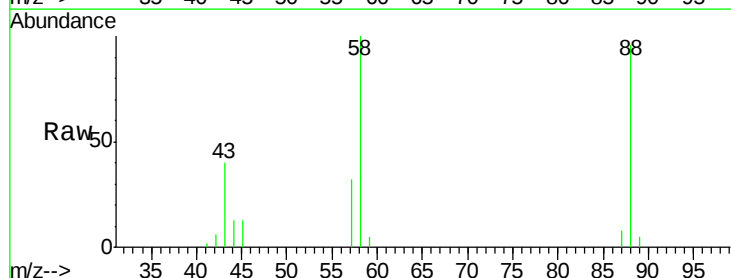
RT: 2.44 min Scan# 31

Delta R.T. 0.13 min

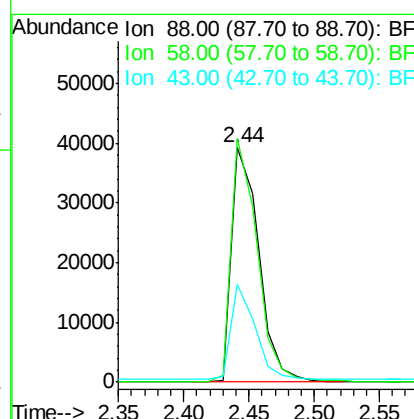
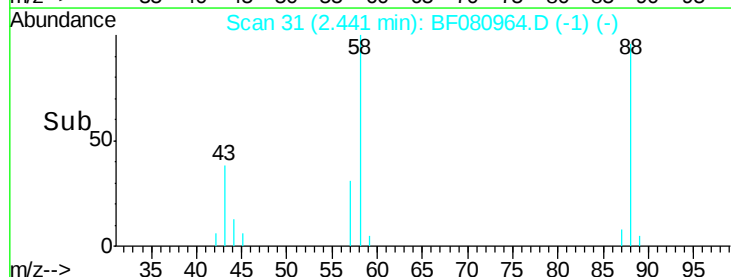
Lab File: BF080964.D

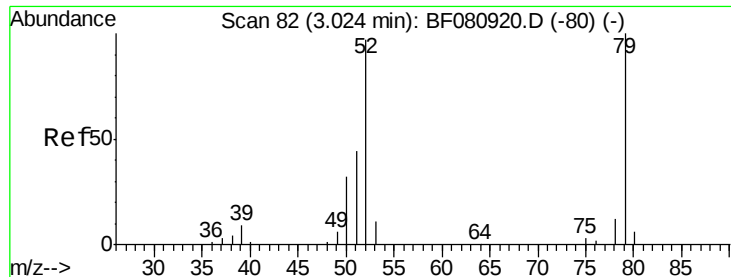
Acq: 11 Aug 2015 16:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 56854 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 99.8  | 79.3  | 118.9 |
| 43        | 36.4  | 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: 35.93 ng

RT: 3.13 min Scan# 91

Delta R.T. 0.10 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

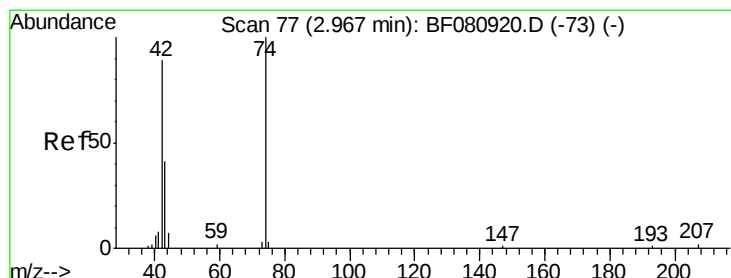
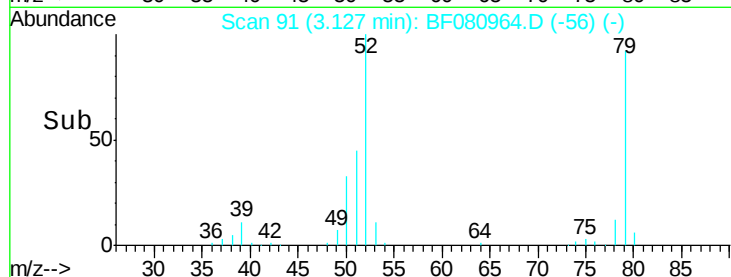
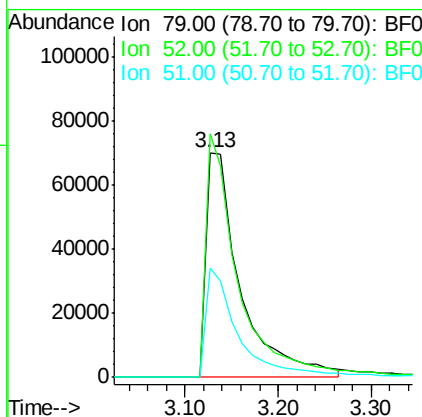
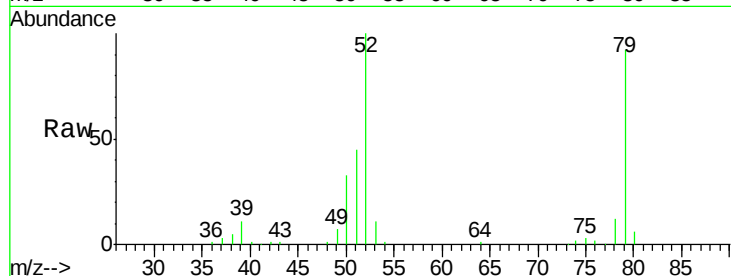
ClientSampleId :

PB84907BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 181012 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 108.4 | 77.2  | 115.8  |
| 51       | 48.8  | 35.0  | 52.4   |

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#4

n-Nitrosodimethylamine

Concen: 37.14 ng

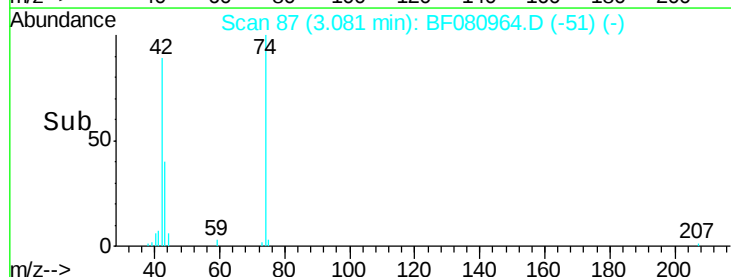
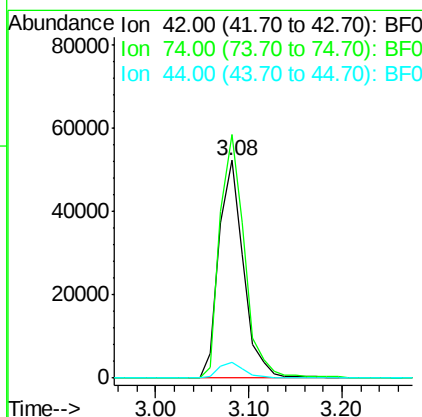
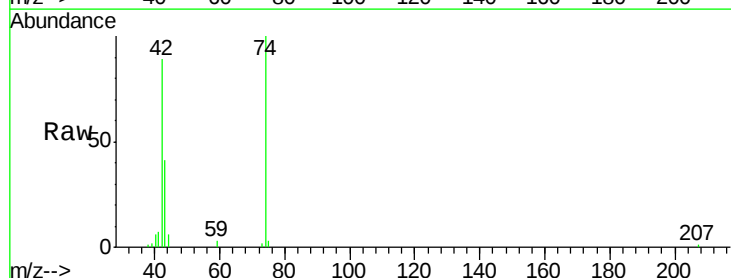
RT: 3.08 min Scan# 87

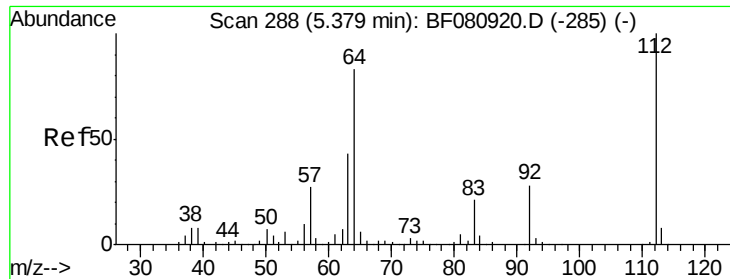
Delta R.T. 0.11 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 95513 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 111.8 | 89.8  | 134.8 |
| 44       | 7.2   | 6.5   | 9.7   |





#5

2-Fluorophenol

Concen: 115.18 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF080964.D

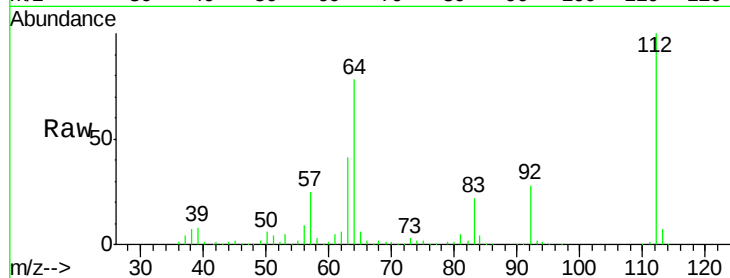
Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

ClientSampleId :

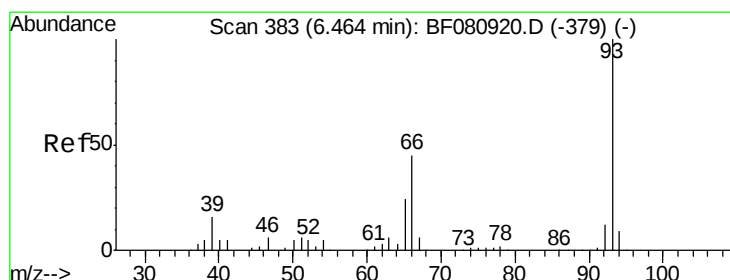
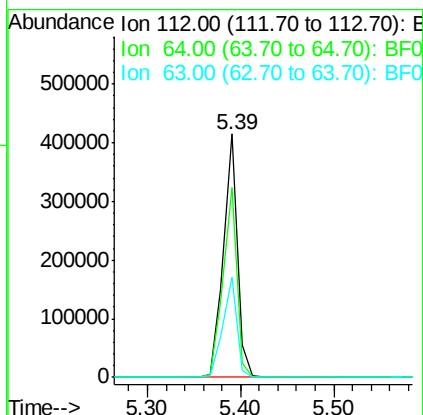
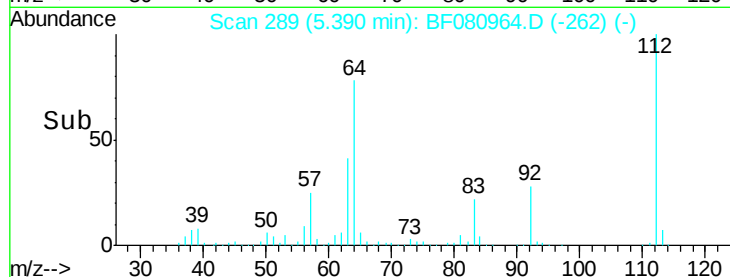
PB84907BSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 431359 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 78.1  | 66.1  | 99.1   |
| 63        | 41.0  | 34.6  | 52.0   |

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#6

Aniline

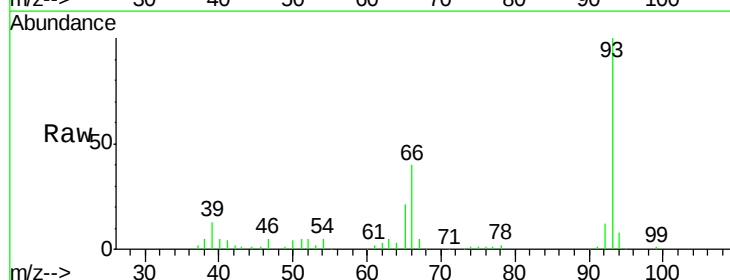
Concen: 27.27 ng

RT: 6.45 min Scan# 382

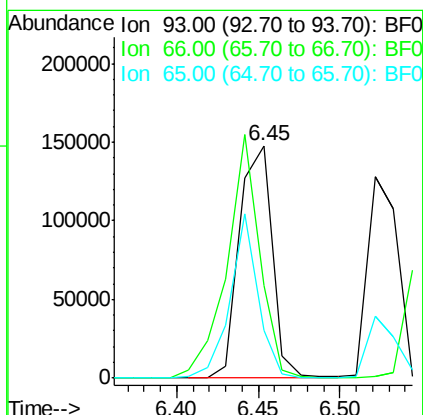
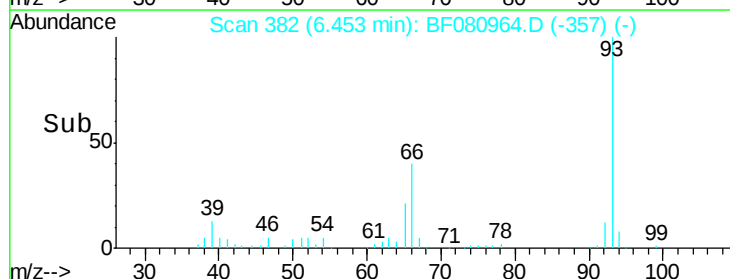
Delta R.T. -0.01 min

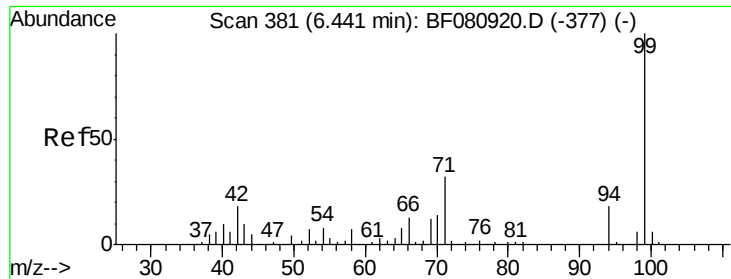
Lab File: BF080964.D

Acq: 11 Aug 2015 16:28



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 205607 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 40.0  | 36.2  | 54.4   |
| 65        | 20.8  | 19.0  | 28.4   |





#7

Phenol-d6

Concen: 129.82 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

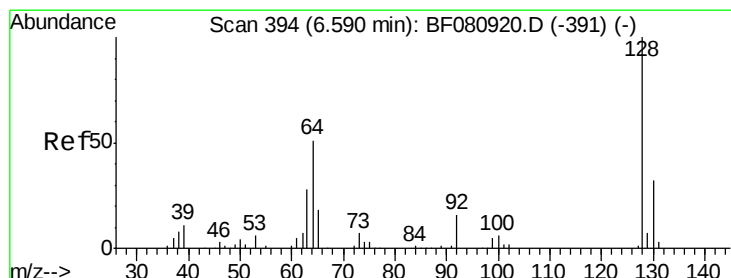
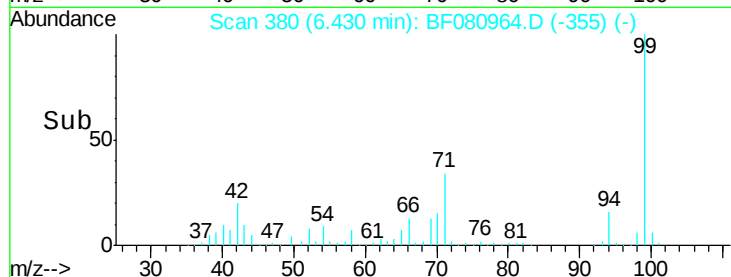
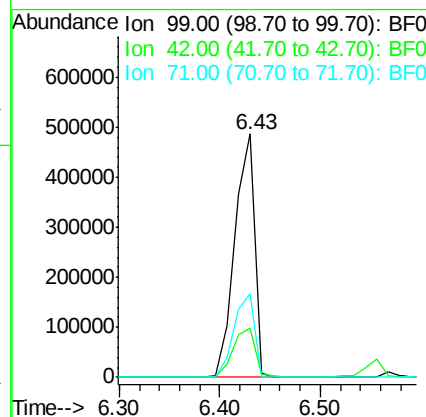
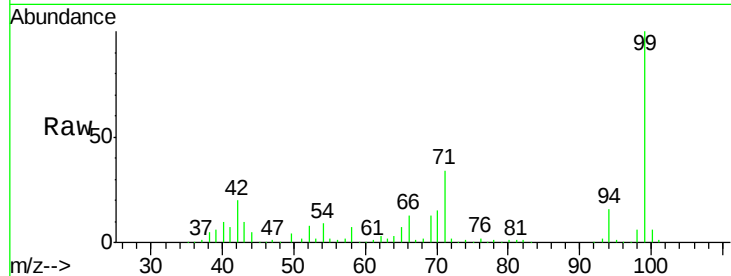
ClientSampleId :

PB84907BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 666241 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 19.9  | 14.4  | 21.6   |
| 71        | 34.3  | 25.8  | 38.8   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 35.87 ng

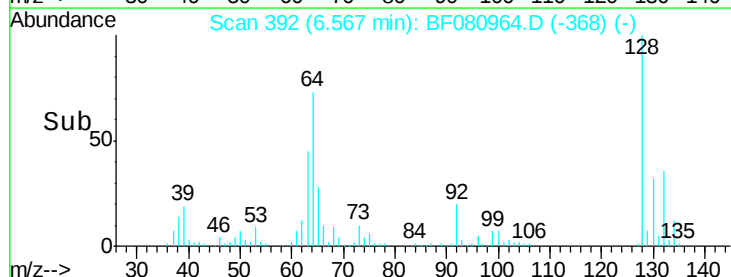
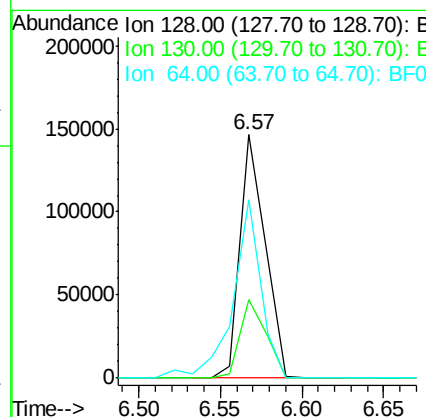
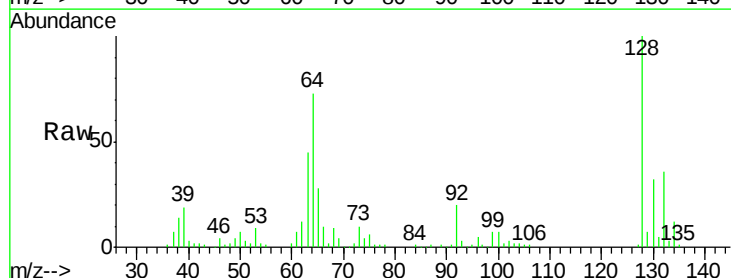
RT: 6.57 min Scan# 392

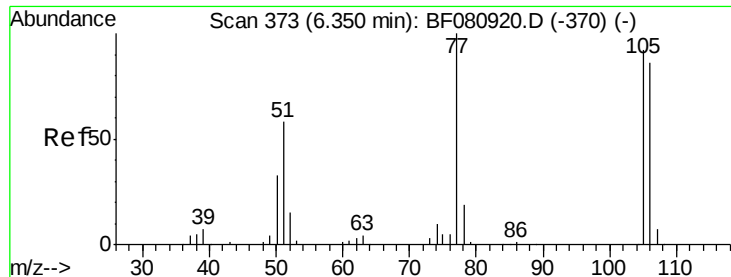
Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 155449 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.2  | 12.4  | 52.4   |
| 64        | 73.2  | 32.1  | 72.1#  |





#9

Benzaldehyde

Concen: 36.36 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

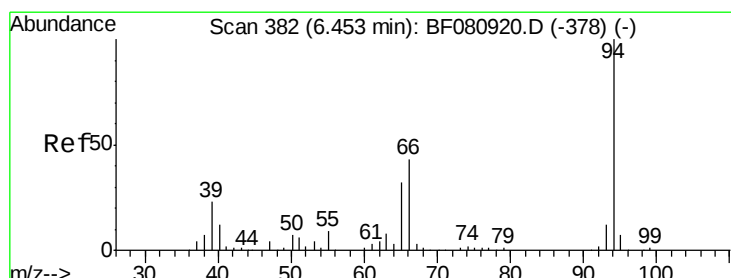
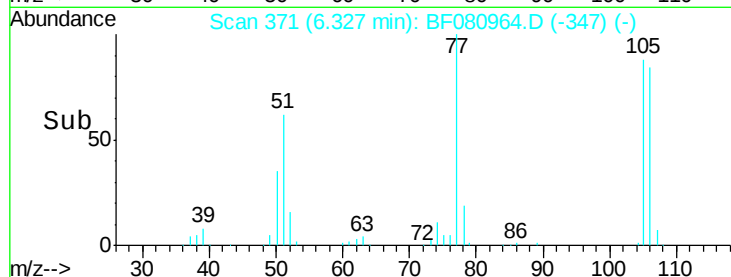
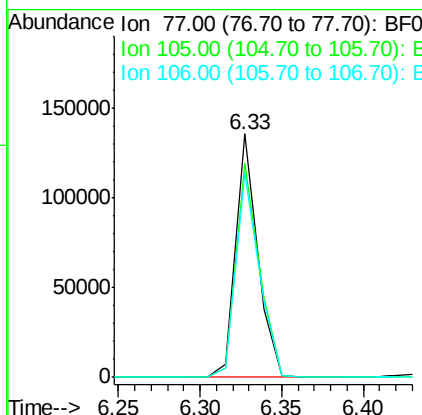
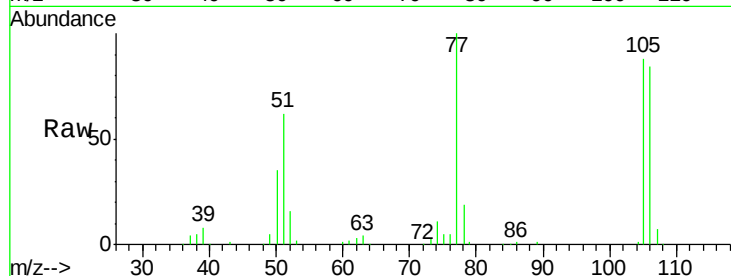
ClientSampleId :

PB84907BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 125766 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 105       | 87.7  | 71.6  | 111.6  |
| 106       | 83.9  | 65.7  | 105.7  |

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#10

Phenol

Concen: 41.04 ng

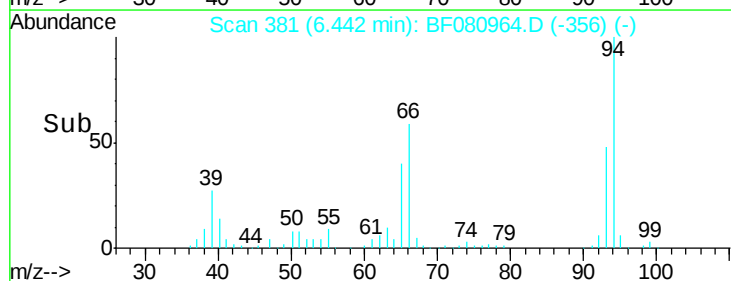
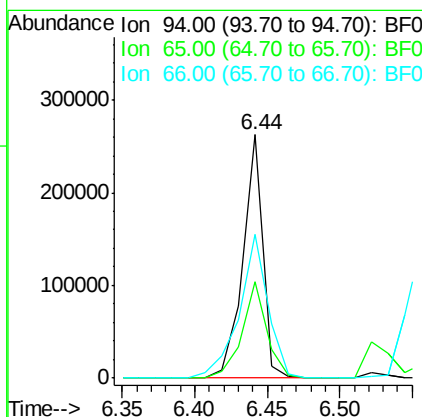
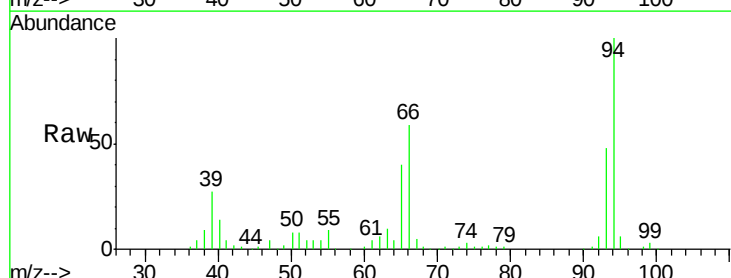
RT: 6.44 min Scan# 381

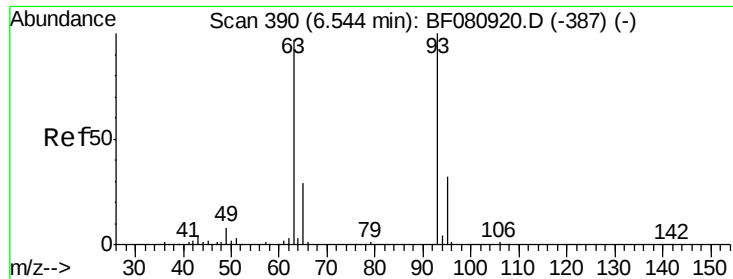
Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 249878 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 39.7  | 11.8  | 51.8   |
| 66        | 58.9  | 22.9  | 62.9   |





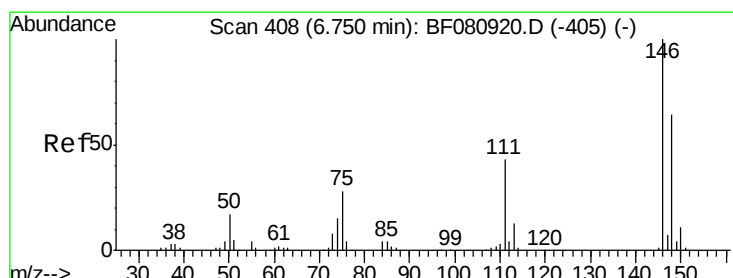
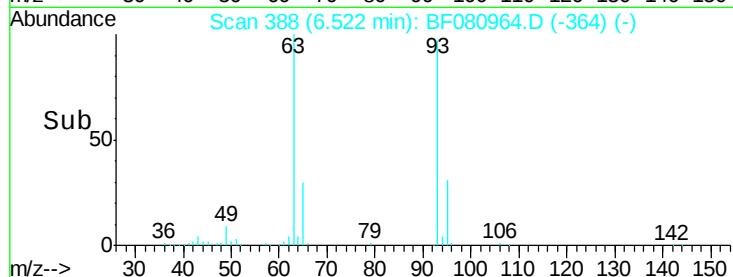
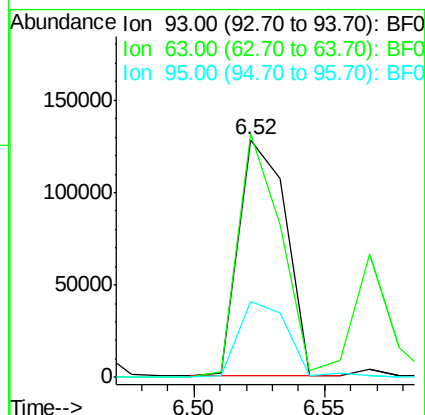
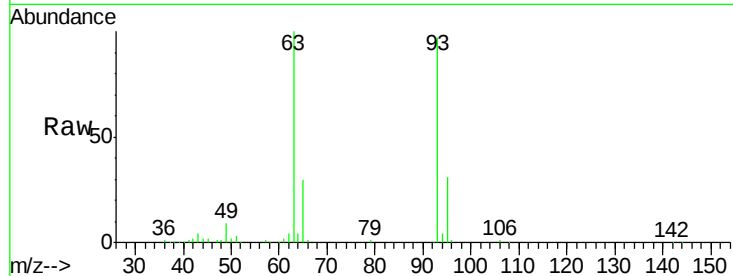
#11  
 bis(2-Chloroethyl)ether  
 Concen: 35.71 ng  
 RT: 6.52 min Scan# 388  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 102.7 | 76.7  | 116.7 |
| 95      | 31.8  | 12.3  | 52.3  |

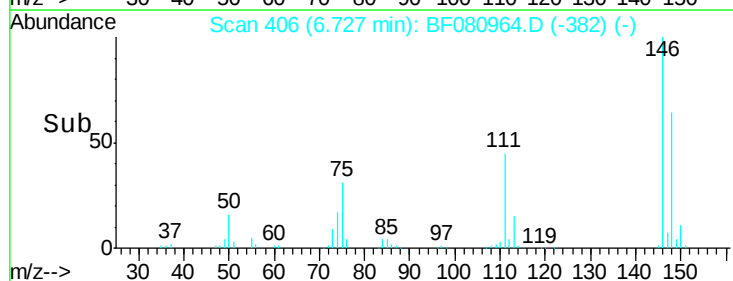
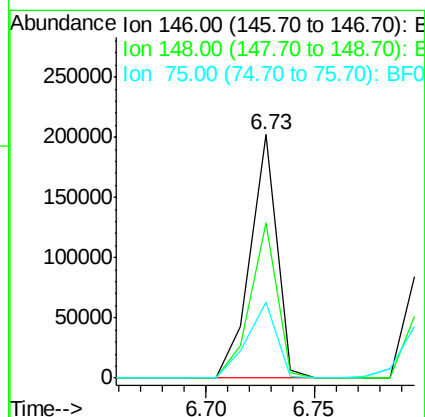
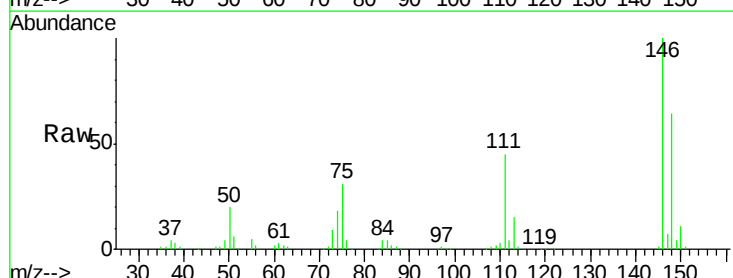
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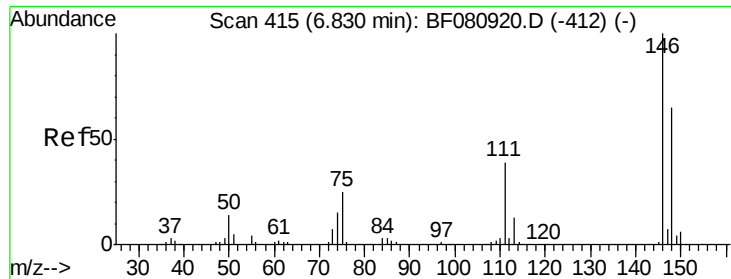
apatel  
 8/12/2015 8:33:55 AM



#12  
 1,3-Dichlorobenzene  
 Concen: 37.58 ng  
 RT: 6.73 min Scan# 406  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 51.4  | 77.0  |
| 75      | 31.1  | 22.2  | 33.4  |





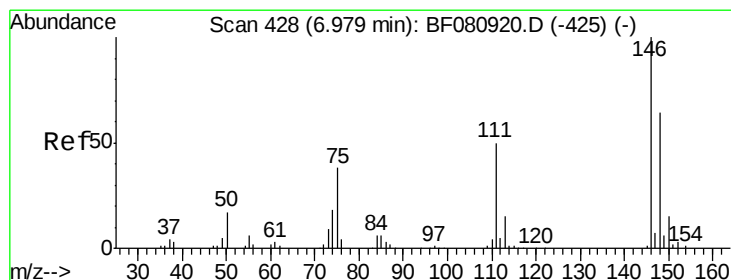
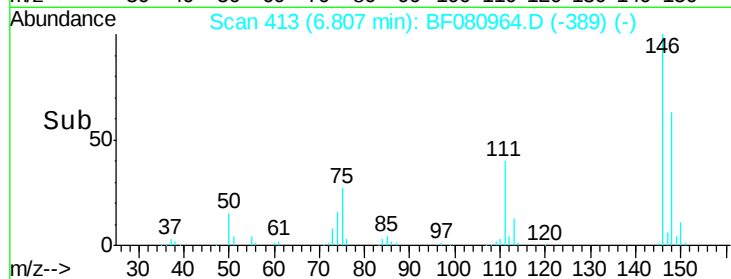
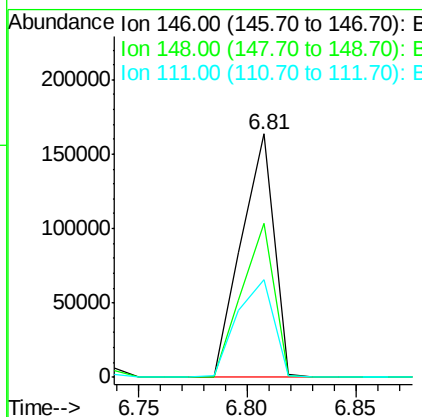
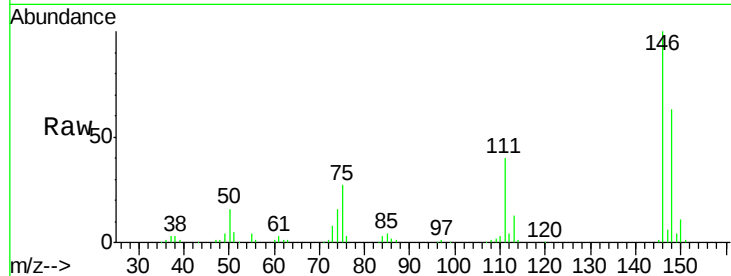
#13  
 1,4-Dichlorobenzene  
 Concen: 35.92 ng  
 RT: 6.81 min Scan# 413  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 171639 |       |       |
| 148     | 63.4  | 52.2   | 78.4  |       |
| 111     | 40.2  | 31.5   | 47.3  |       |

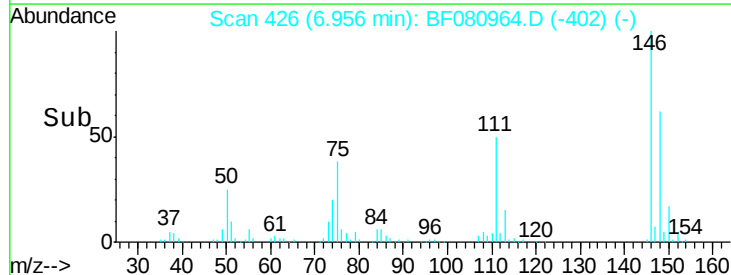
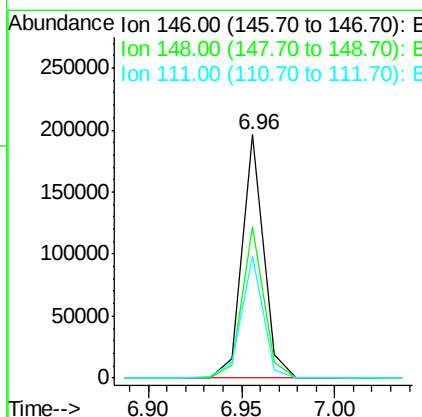
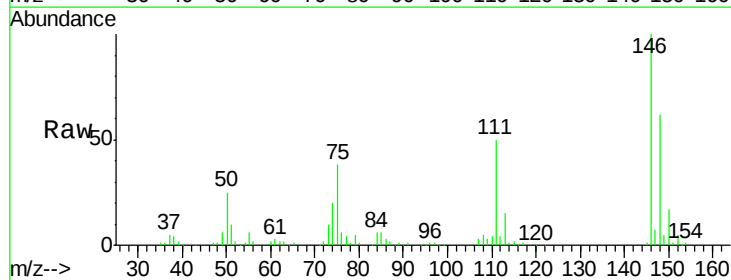
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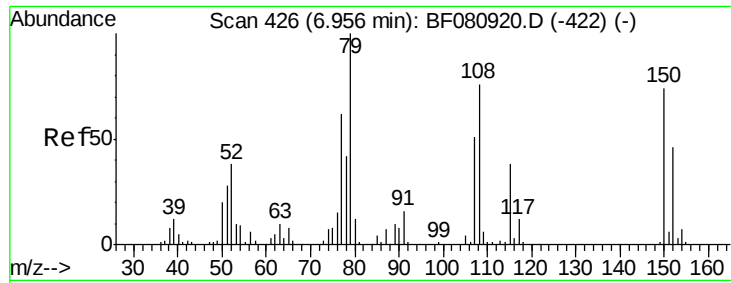
apatel  
 8/12/2015 8:33:55 AM



#14  
 1,2-Dichlorobenzene  
 Concen: 36.78 ng  
 RT: 6.96 min Scan# 426  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 158907 |       |       |
| 148     | 62.2  | 51.1   | 76.7  |       |
| 111     | 50.3  | 40.0   | 60.0  |       |





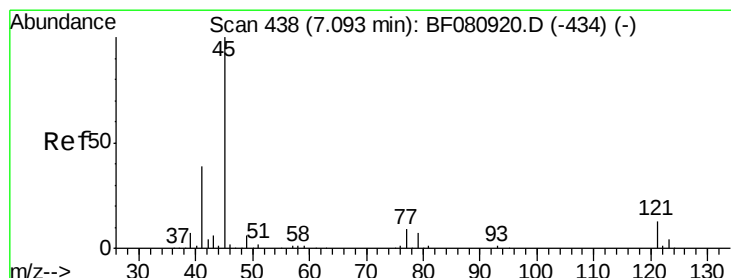
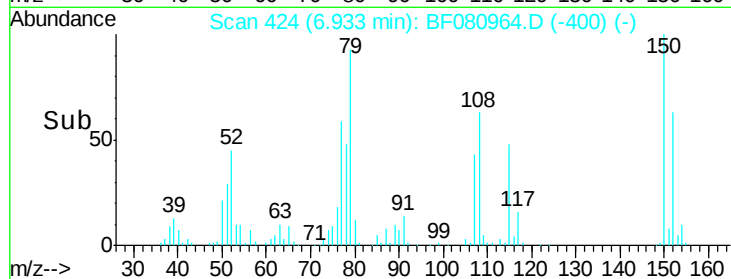
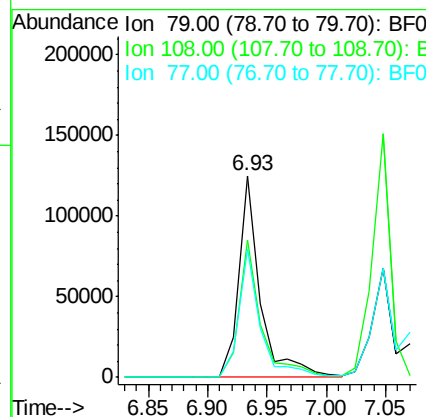
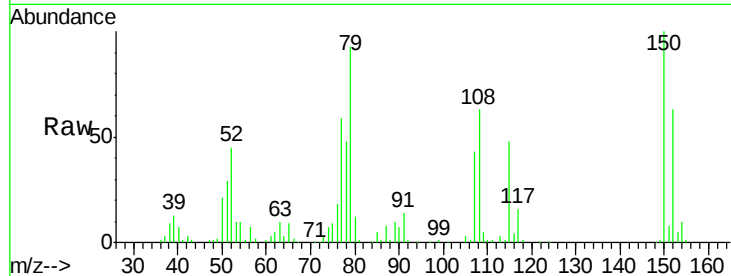
#15  
Benzyl Alcohol  
Concen: 37.63 ng  
RT: 6.93 min Scan# 424  
Delta R.T. -0.02 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB84907BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 79    | Resp: | 158057 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 68.2  | 60.9  | 91.3   |
| 77        | 63.6  | 49.4  | 74.0   |

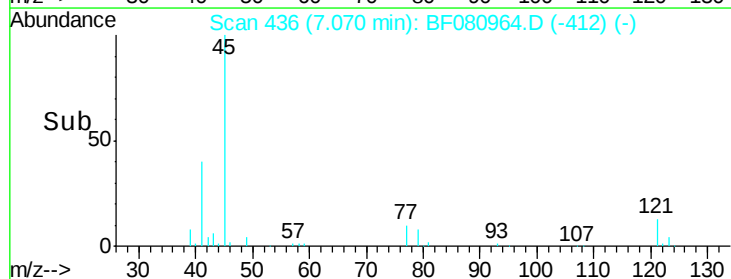
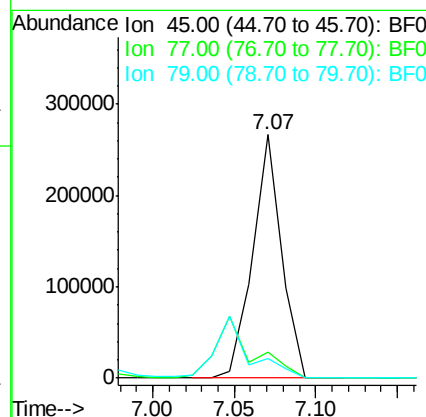
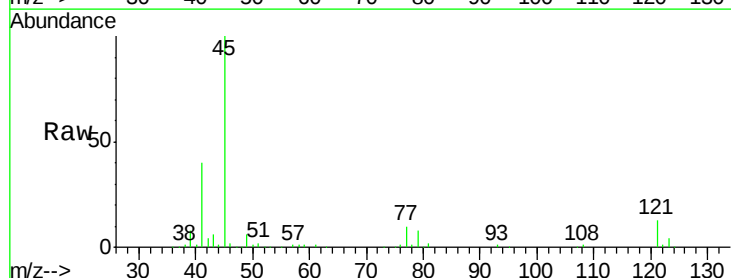
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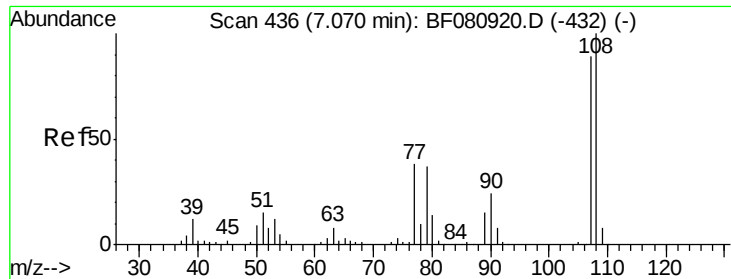
apatel  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 35.73 ng  
RT: 7.07 min Scan# 436  
Delta R.T. -0.02 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 326779 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 10.5  | 0.0   | 29.6   |
| 79        | 7.9   | 0.0   | 27.7   |





#17

2-Methylphenol

Concen: 38.13 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.02 min

Lab File: BF080964.D

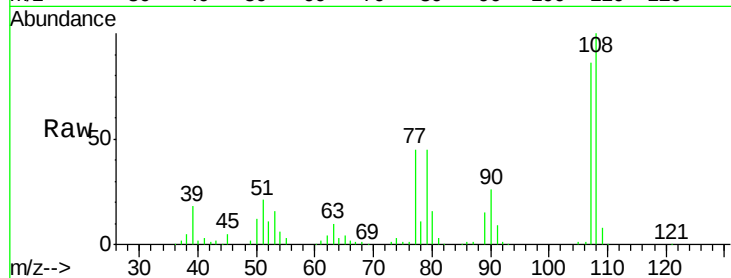
Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

ClientSampleId :

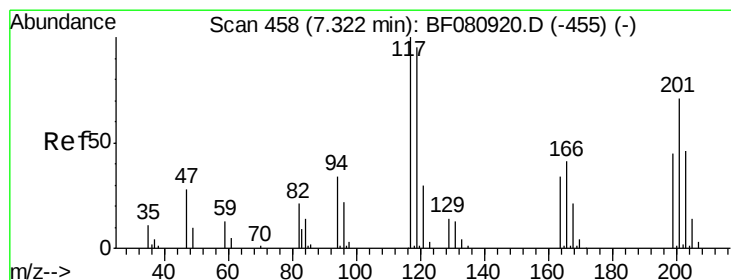
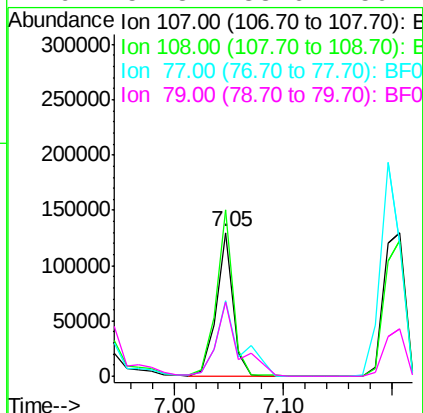
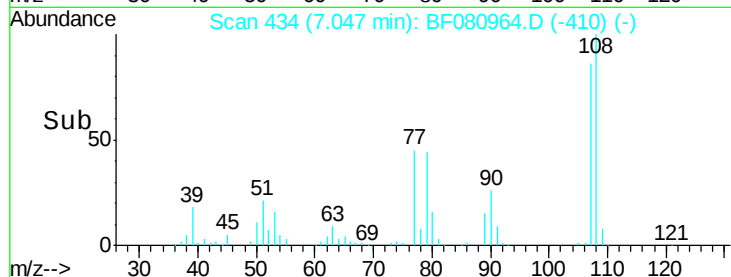
PB84907BSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 141044 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 108       | 116.1 | 90.3  | 135.5  |
| 77        | 52.1  | 34.6  | 51.8#  |
| 79        | 51.8  | 33.6  | 50.4#  |

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apatel  
8/12/2015 8:33:55 AM



#18

Hexachloroethane

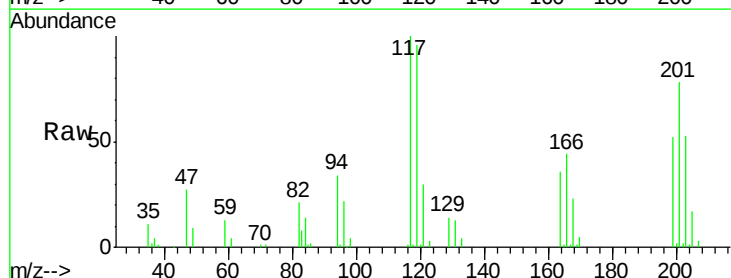
Concen: 35.87 ng

RT: 7.30 min Scan# 456

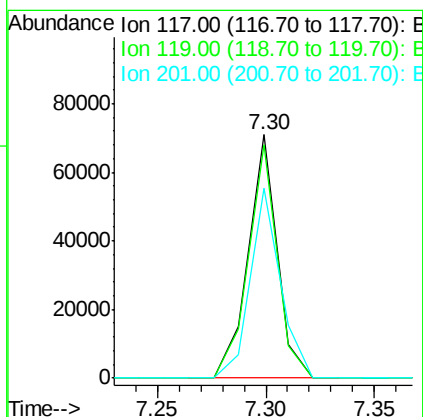
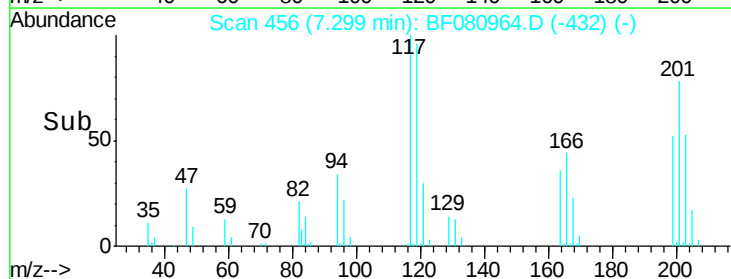
Delta R.T. -0.02 min

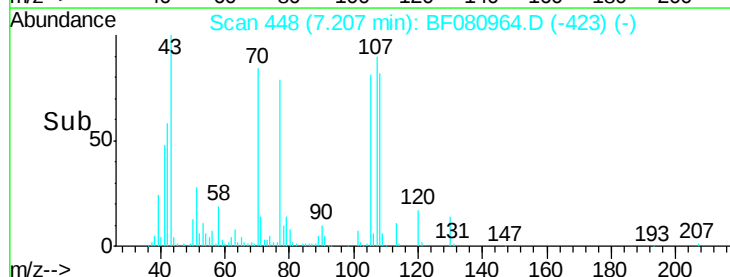
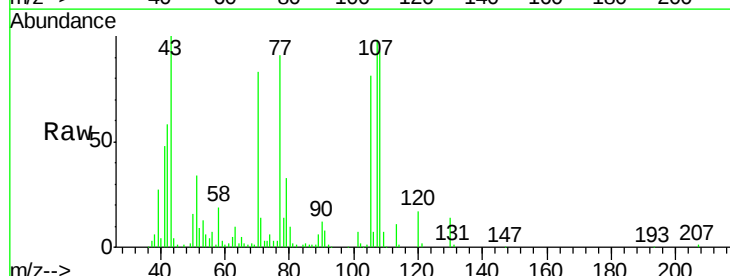
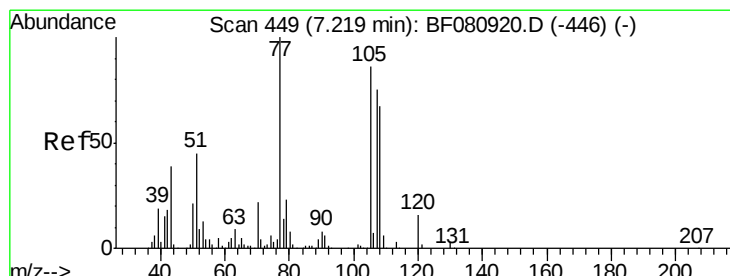
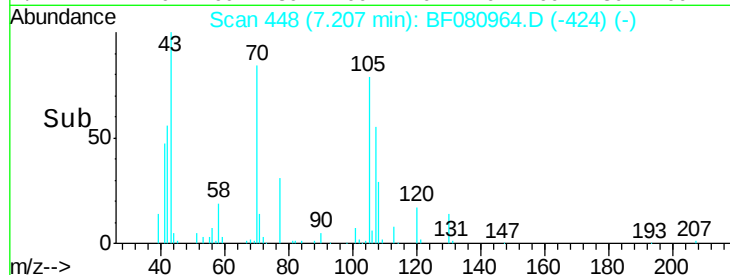
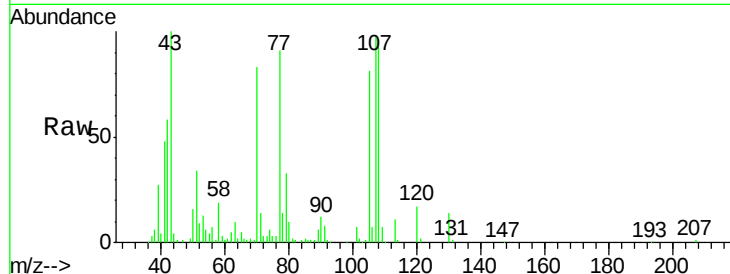
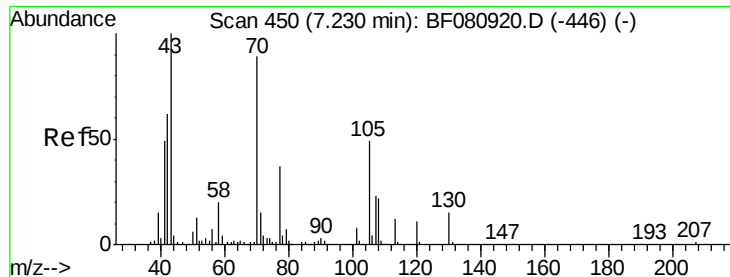
Lab File: BF080964.D

Acq: 11 Aug 2015 16:28



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 65669 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 96.1  | 76.3  | 114.5 |
| 201       | 78.0  | 57.0  | 85.6  |





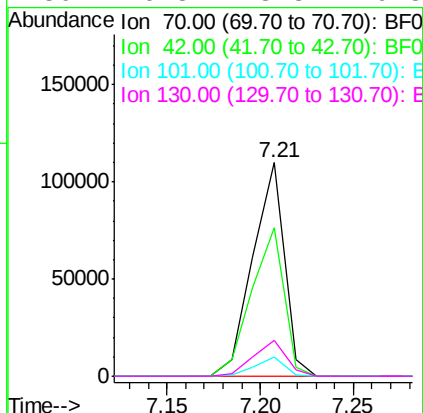
#19  
n-Nitroso-di-n-propylamine  
Concen: 34.46 ng  
RT: 7.21 min Scan# 448  
Delta R.T. -0.02 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB84907BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 69.5  | 55.7  | 83.5  |
| 101     | 8.8   | 7.0   | 10.6  |
| 130     | 16.8  | 13.8  | 20.8  |

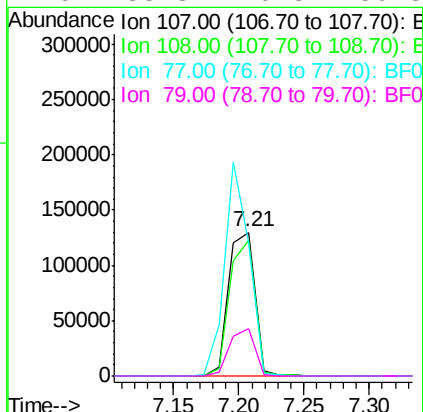
Manual Integrations  
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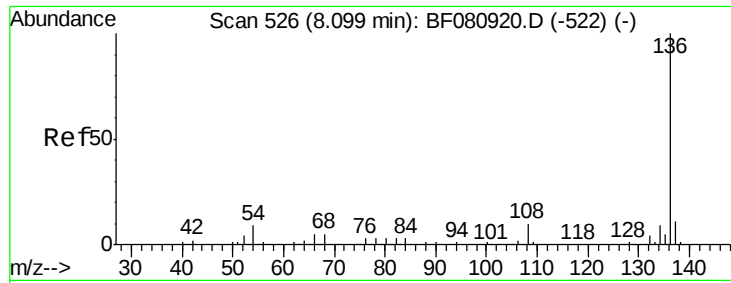
apatel  
8/12/2015 8:33:55 AM



#20  
3+4-Methylphenols  
Concen: 39.17 ng  
RT: 7.21 min Scan# 448  
Delta R.T. -0.01 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 94.7  | 69.2  | 109.2  |
| 77      | 92.6  | 113.0 | 153.0# |
| 79      | 33.3  | 10.3  | 50.3   |





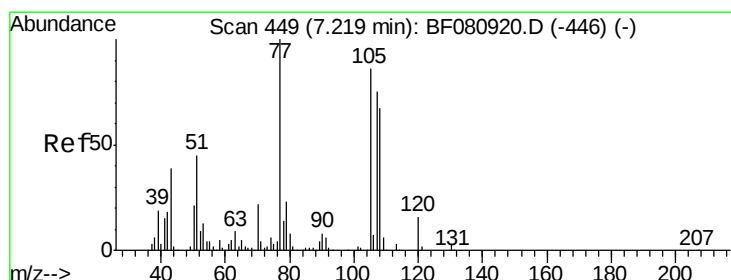
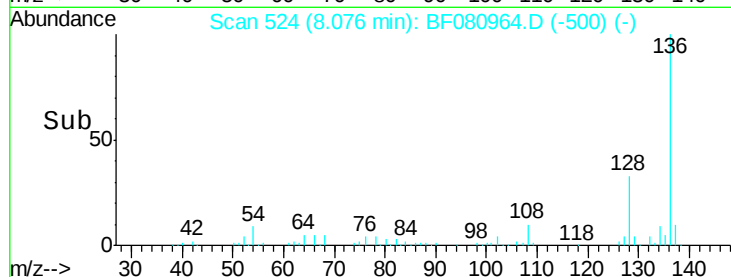
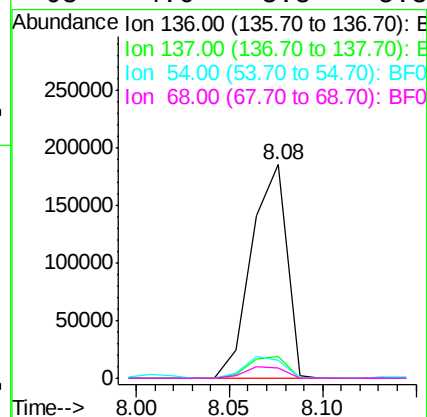
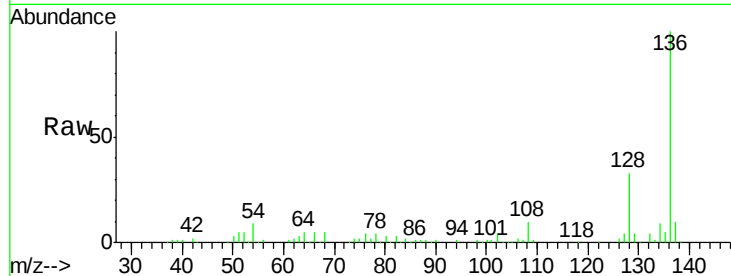
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.08 min Scan# 524  
Delta R.T. -0.02 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB84907BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 242429 |       |       |
| 137     | 10.3  | 8.5    | 12.7  |       |
| 54      | 8.5   | 7.1    | 10.7  |       |
| 68      | 4.6   | 3.8    | 5.8   |       |

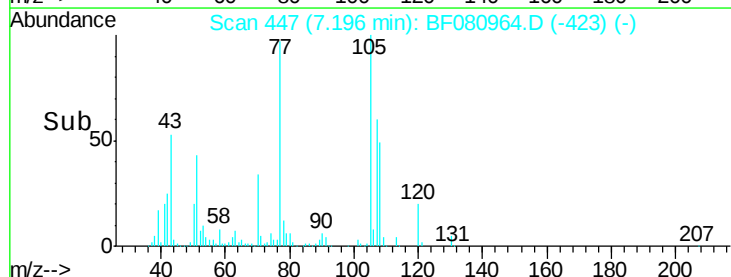
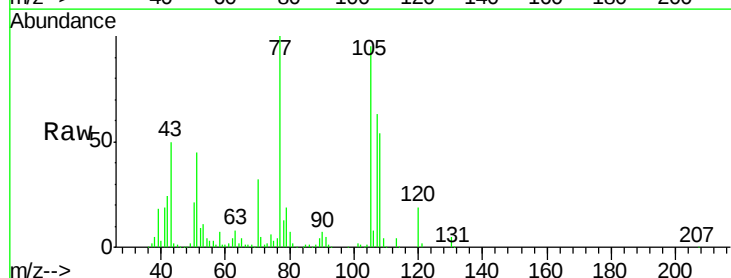
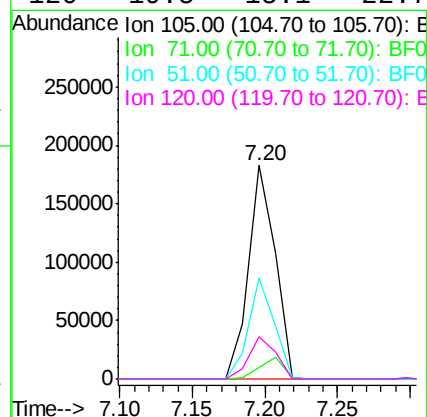
Manual Integrations  
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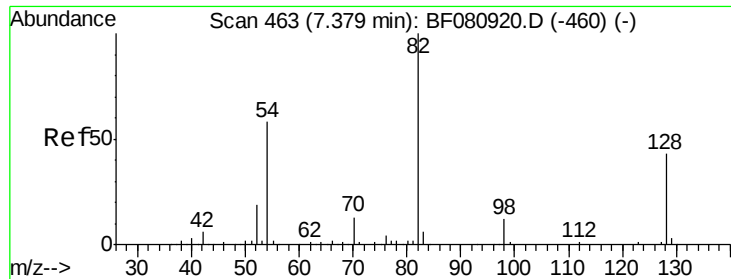
apatel  
8/12/2015 8:33:55 AM



#22  
Acetophenone  
Concen: 39.18 ng  
RT: 7.20 min Scan# 447  
Delta R.T. -0.02 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 232765 |       |       |
| 71      | 5.3   | 3.3    | 4.9#  |       |
| 51      | 47.6  | 41.8   | 62.6  |       |
| 120     | 19.5  | 15.1   | 22.7  |       |





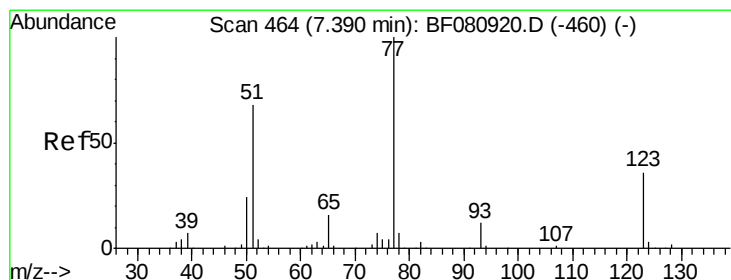
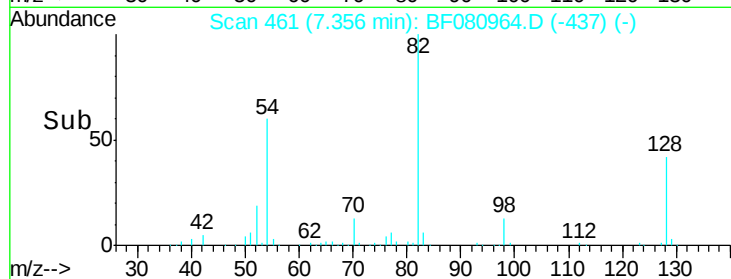
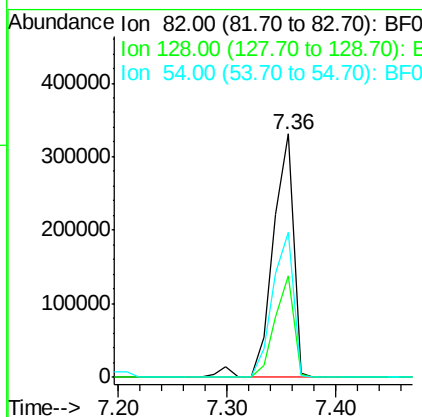
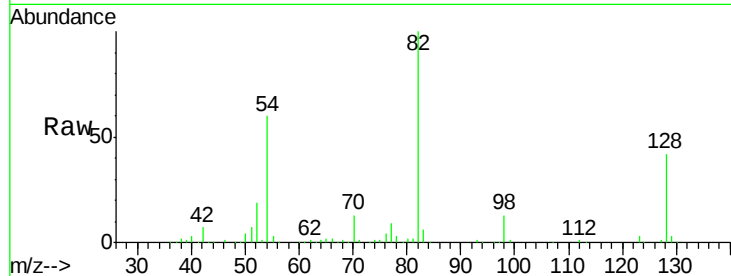
#23  
 Nitrobenzene-d5  
 Concen: 85.00 ng  
 RT: 7.36 min Scan# 461  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 435659 |       |       |
| 128     | 41.7  | 34.1   | 51.1  |       |
| 54      | 59.7  | 46.5   | 69.7  |       |

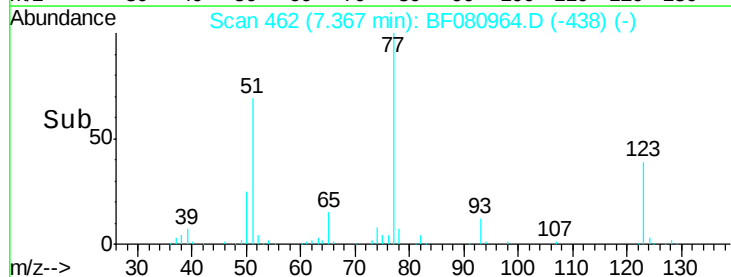
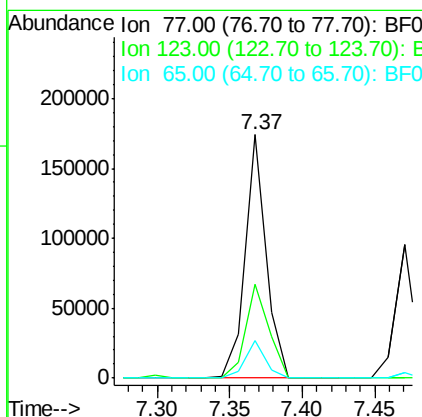
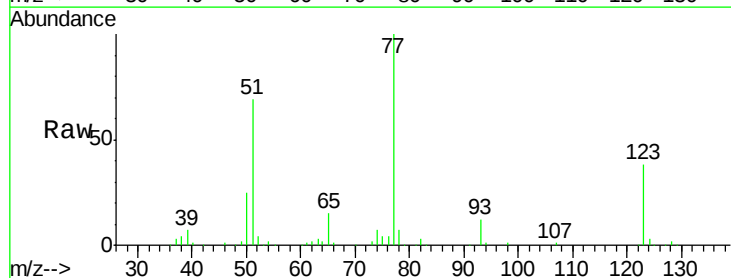
Manual Integrations  
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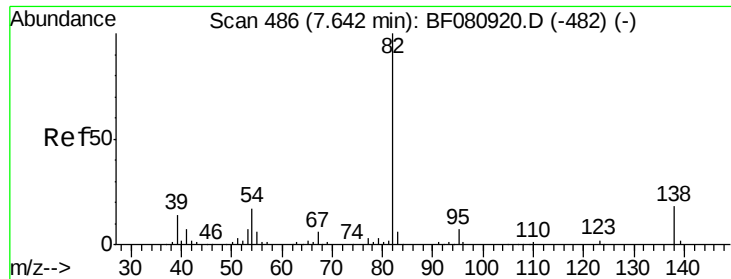
apatel  
 8/12/2015 8:33:55 AM



#24  
 Nitrobenzene  
 Concen: 33.22 ng  
 RT: 7.37 min Scan# 462  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 175325 |       |       |
| 123     | 38.4  | 28.7   | 43.1  |       |
| 65      | 15.4  | 12.5   | 18.7  |       |





#25

Isophorone

Concen: 35.93 ng

RT: 7.61 min Scan# 483

Delta R.T. -0.03 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

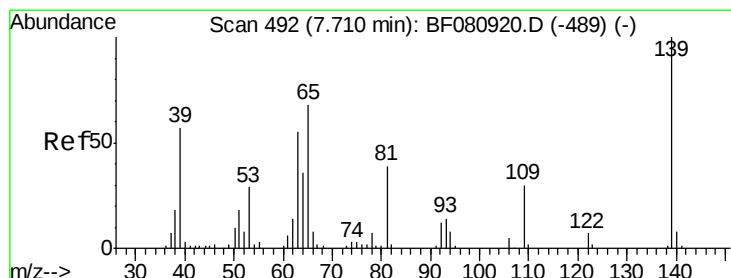
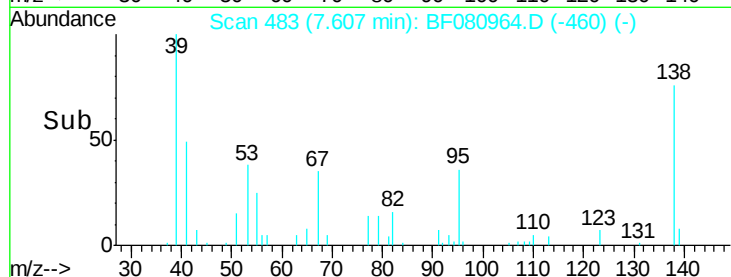
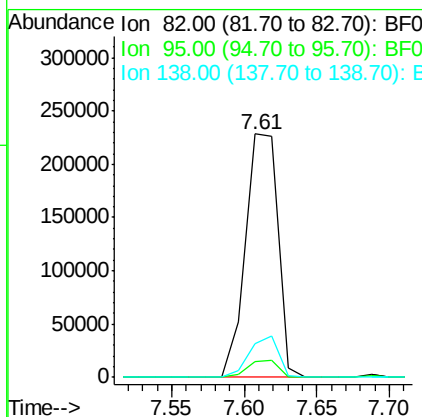
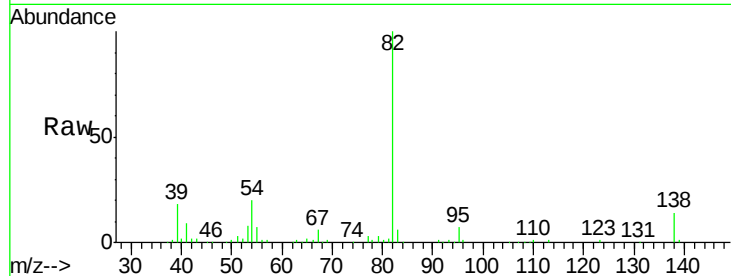
ClientSampleId :

PB84907BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 354149 |       |       |
| 95      | 6.5   | 5.8    | 8.6   |       |
| 138     | 13.6  | 14.1   | 21.1# |       |

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#26

2-Nitrophenol

Concen: 38.27 ng

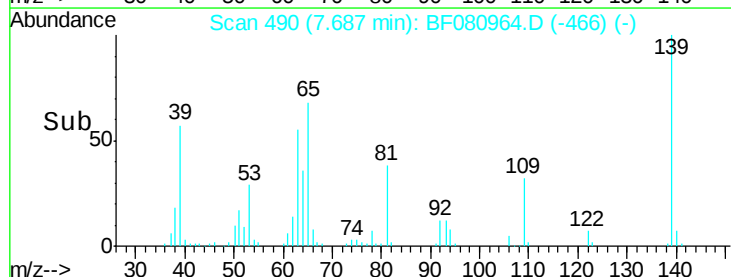
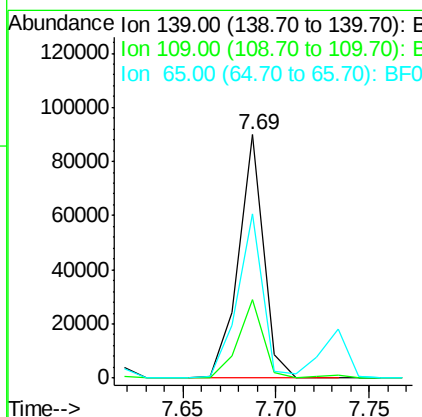
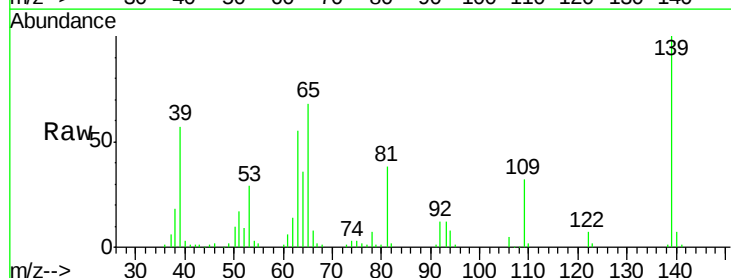
RT: 7.69 min Scan# 490

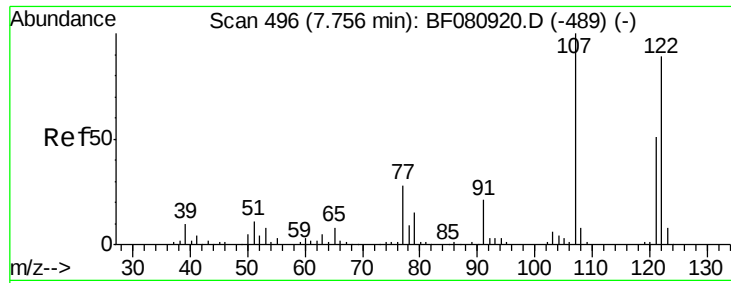
Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 84982 |       |       |
| 109     | 32.3  | 24.1  | 36.1  |       |
| 65      | 67.6  | 54.0  | 81.0  |       |





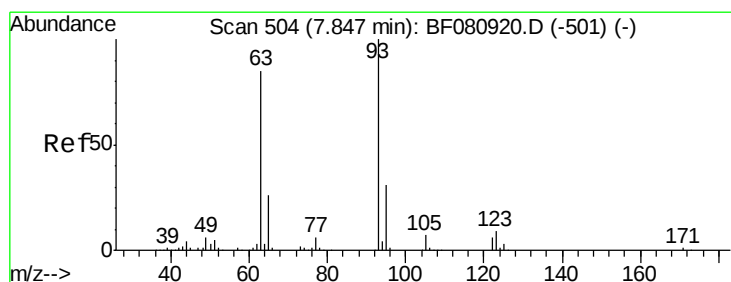
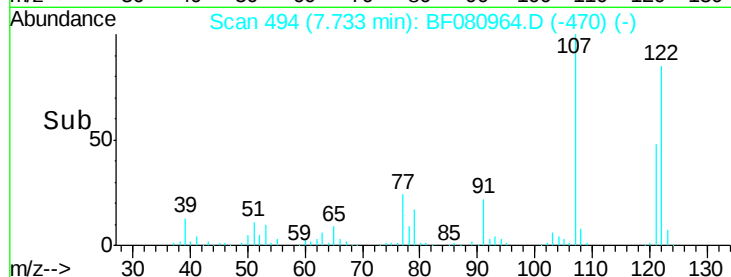
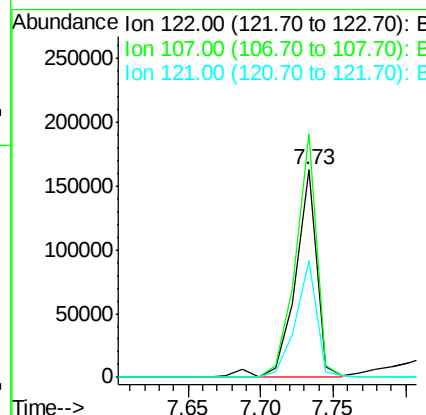
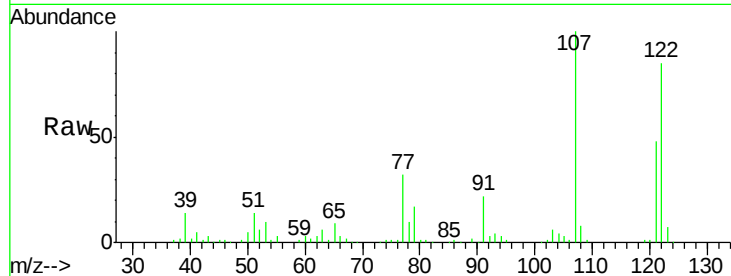
#27  
 2,4-Dimethylphenol  
 Concen: 40.66 ng  
 RT: 7.73 min Scan# 494  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 169015 |       |       |
| 107     | 117.5 | 90.2   | 135.4 |       |
| 121     | 56.2  | 46.0   | 69.0  |       |

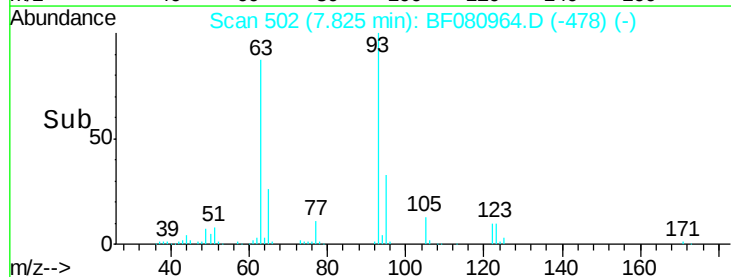
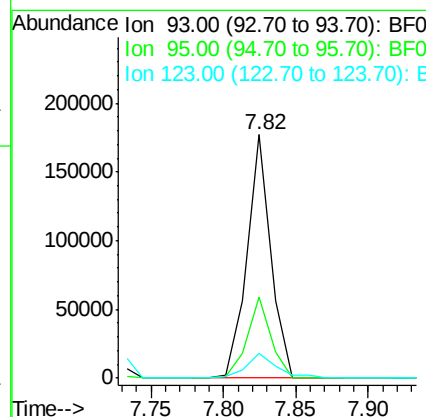
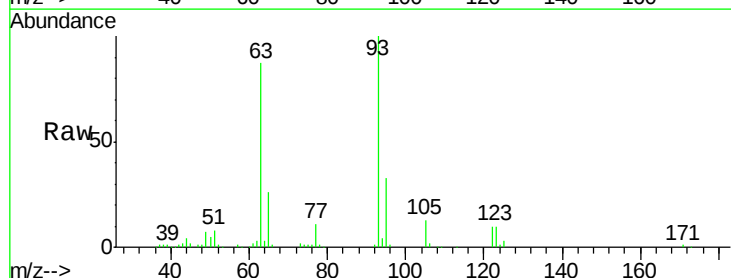
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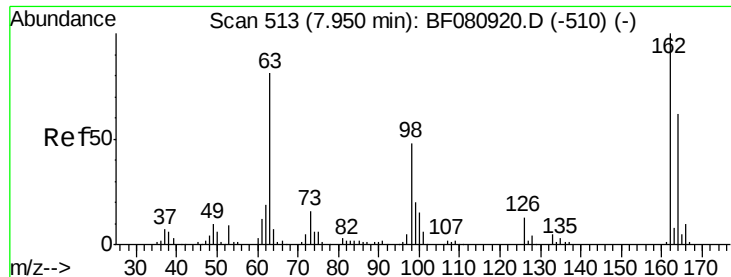
apatel  
 8/12/2015 8:33:55 AM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 33.93 ng  
 RT: 7.82 min Scan# 502  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 200778 |       |       |
| 95      | 33.2  | 25.0   | 37.4  |       |
| 123     | 10.1  | 7.4    | 11.0  |       |





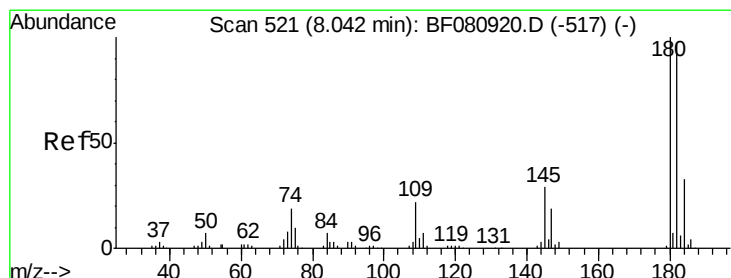
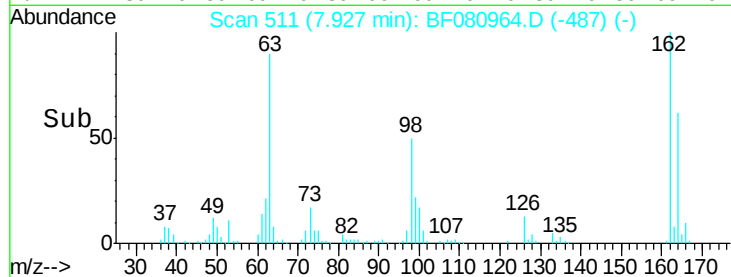
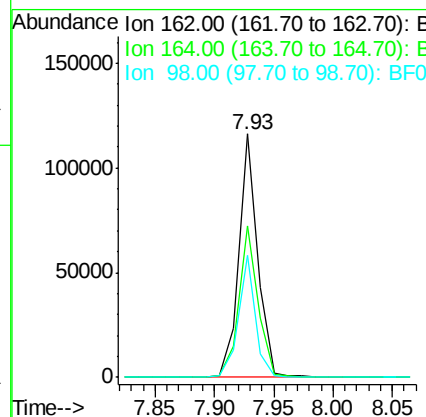
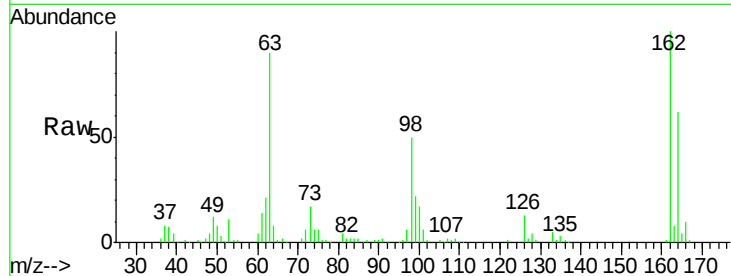
#29  
 2,4-Dichlorophenol  
 Concen: 37.69 ng  
 RT: 7.93 min Scan# 511  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 128747 |       |       |
| 164     | 62.4  | 42.3   | 82.3  |       |
| 98      | 50.3  | 27.7   | 67.7  |       |

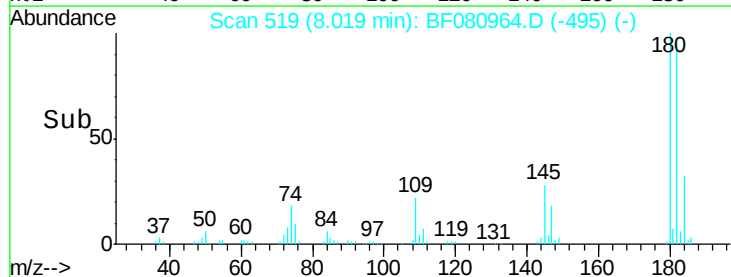
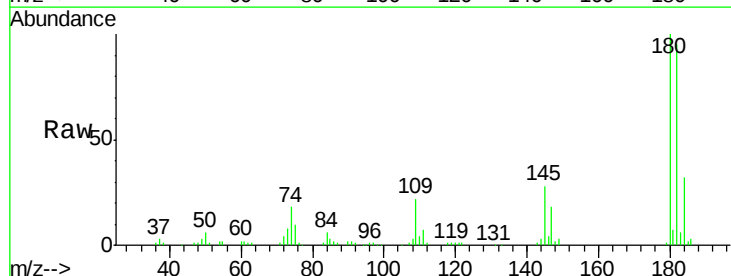
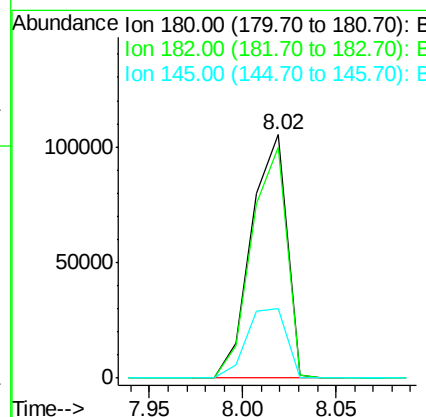
Manual Integrations  
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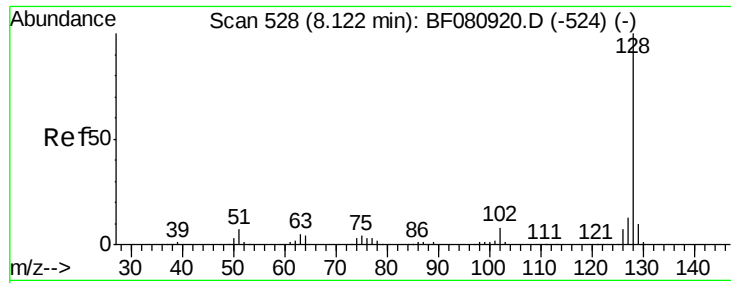
apatel  
 8/12/2015 8:33:55 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.04 ng  
 RT: 8.02 min Scan# 519  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 138304 |       |       |
| 182     | 94.8  | 77.4   | 116.0 |       |
| 145     | 28.5  | 23.2   | 34.8  |       |





#31

Naphthalene

Concen: 35.24 ng

RT: 8.09 min Scan# 525

Delta R.T. -0.03 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

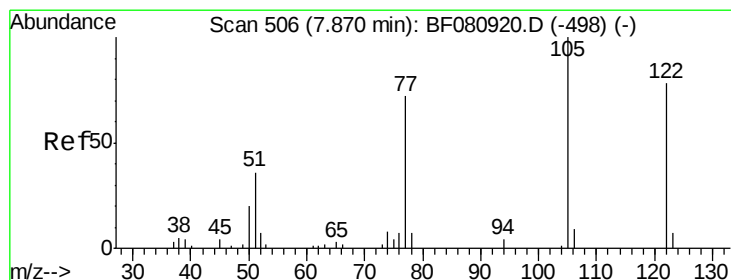
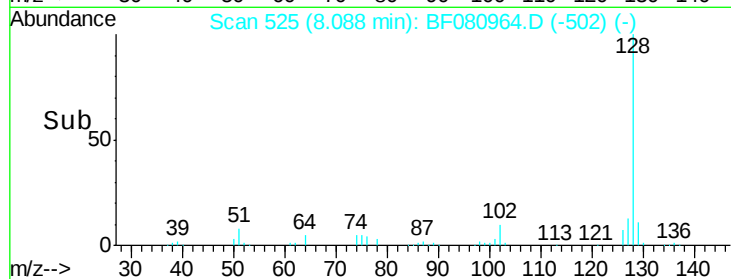
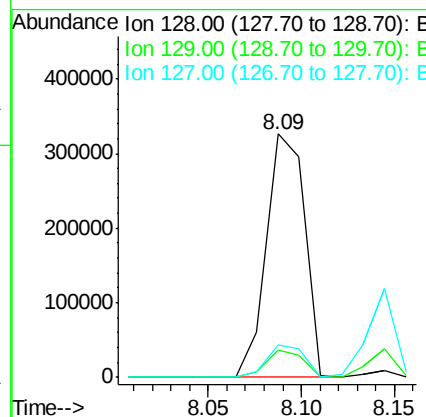
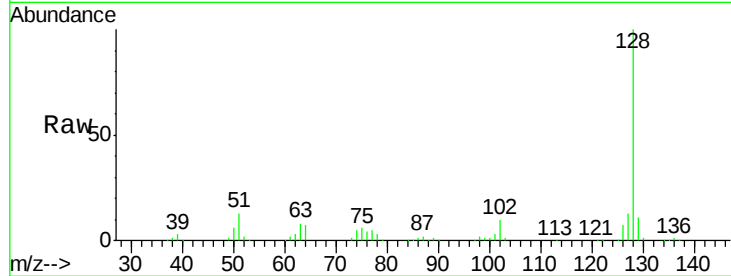
ClientSampleId :

PB84907BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 470853 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.4  | 8.4   | 12.6   |
| 127       | 13.4  | 10.5  | 15.7   |

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8/12/2015 8:33:55 AM



#32

Benzoic acid

Concen: 40.27 ng

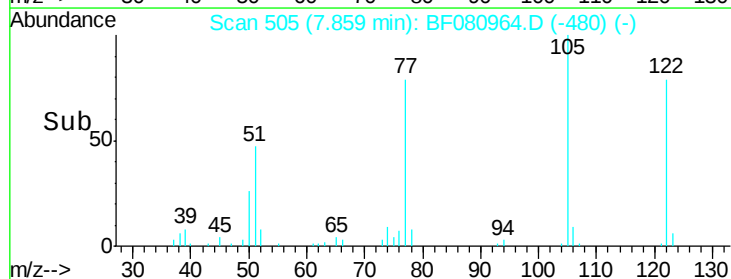
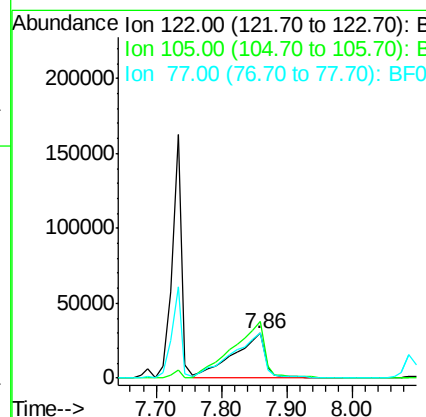
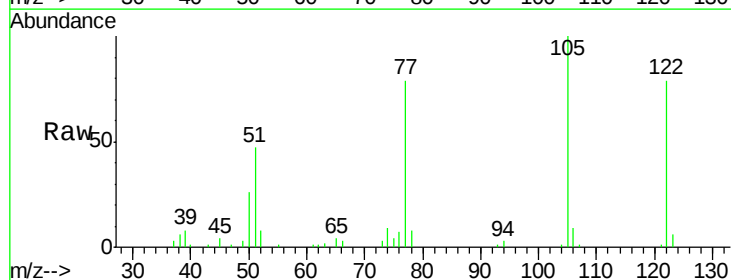
RT: 7.86 min Scan# 505

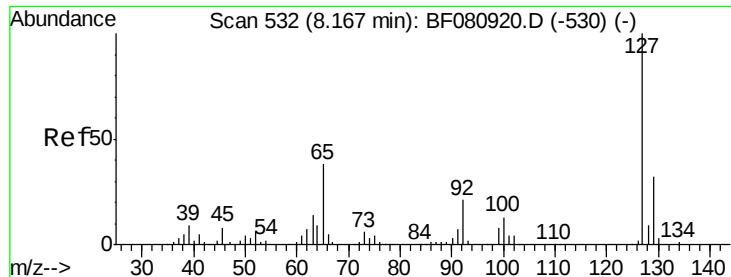
Delta R.T. -0.01 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 100213 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 127.2 | 103.6 | 143.6  |
| 77        | 101.0 | 70.4  | 110.4  |





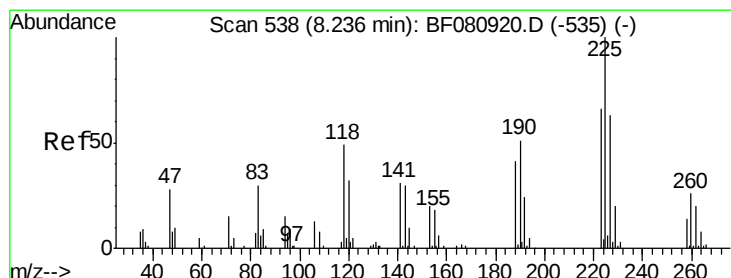
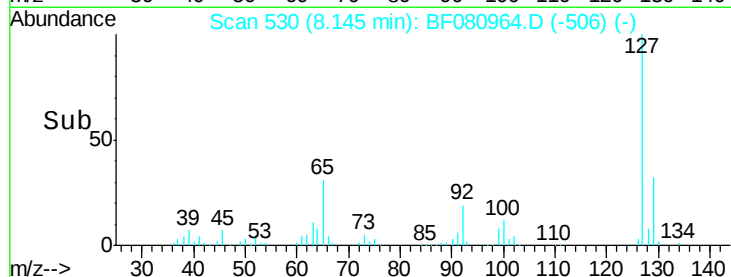
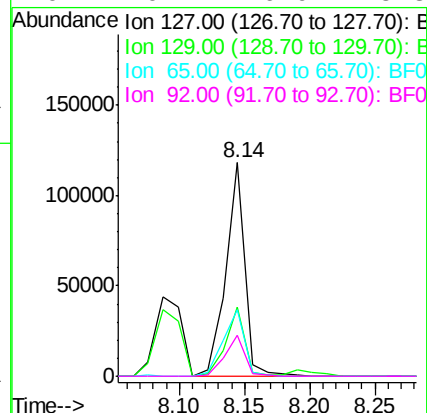
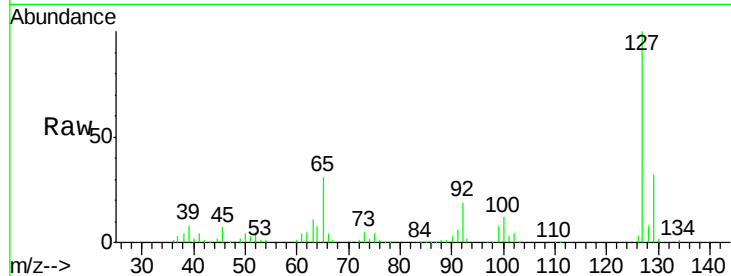
#33  
4-Chloroaniline  
Concen: 22.23 ng  
RT: 8.14 min Scan# 530  
Delta R.T. -0.02 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB84907BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 127     | 100   | 120739 |       |       |
| 129     | 32.1  | 25.9   | 38.9  |       |
| 65      | 31.1  | 30.6   | 45.8  |       |
| 92      | 19.1  | 16.9   | 25.3  |       |

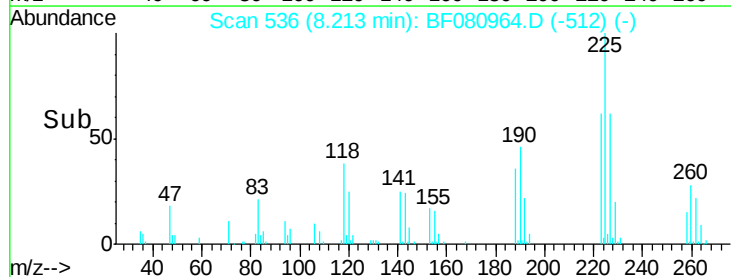
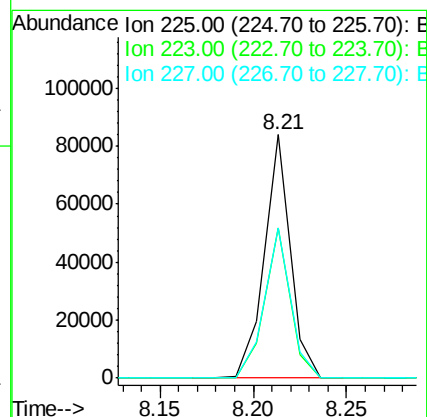
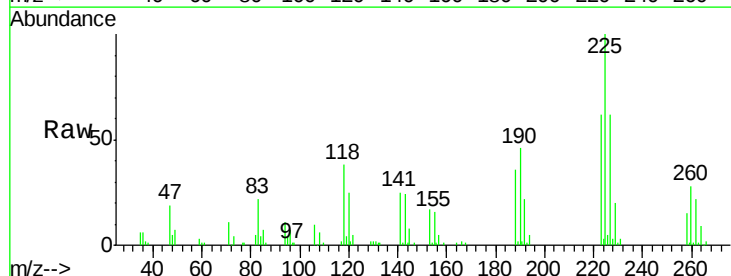
Manual Integrations  
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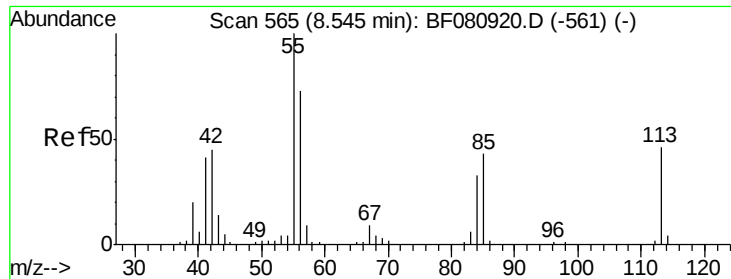
apatel  
8/12/2015 8:33:55 AM



#34  
Hexachlorobutadiene  
Concen: 36.27 ng  
RT: 8.21 min Scan# 536  
Delta R.T. -0.02 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 80583 |       |       |
| 223     | 61.7  | 52.5  | 78.7  |       |
| 227     | 61.9  | 50.3  | 75.5  |       |





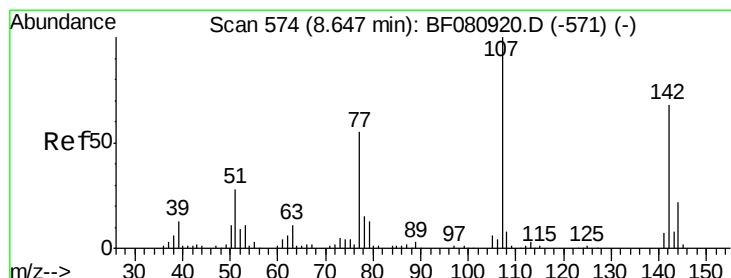
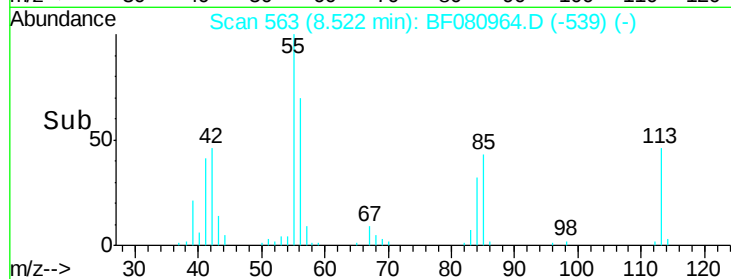
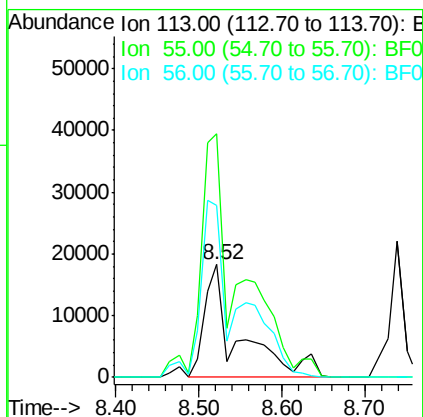
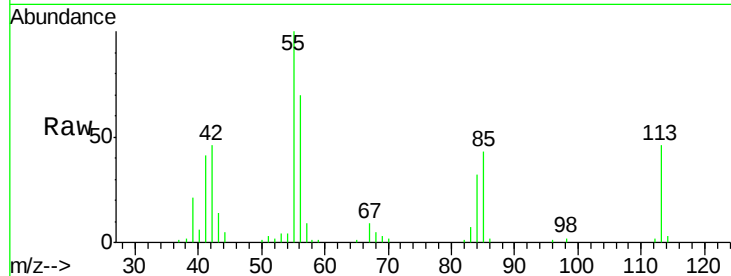
#35  
 Caprolactam  
 Concen: 41.84 ng m  
 RT: 8.52 min Scan# 563  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 215.5 | 196.4 | 236.4 |
| 56      | 151.8 | 137.9 | 177.9 |

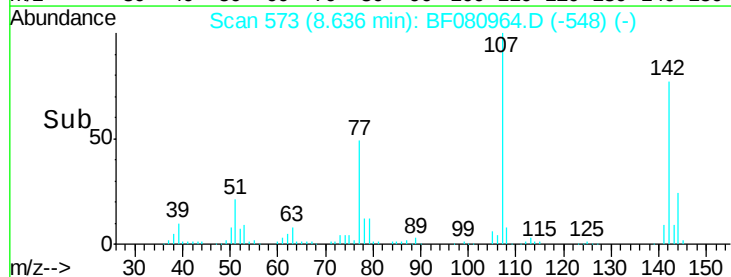
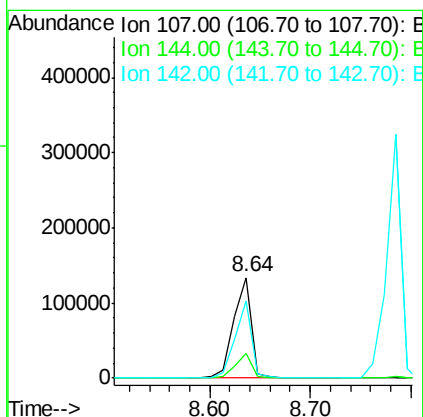
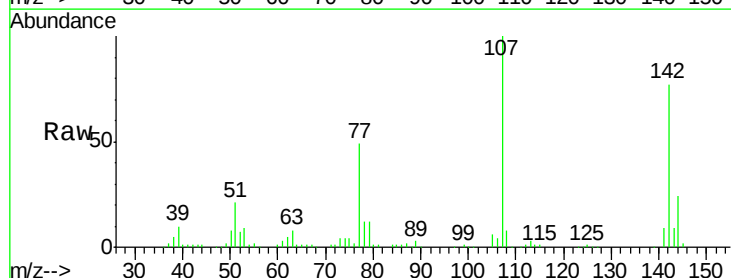
Manual Integrations  
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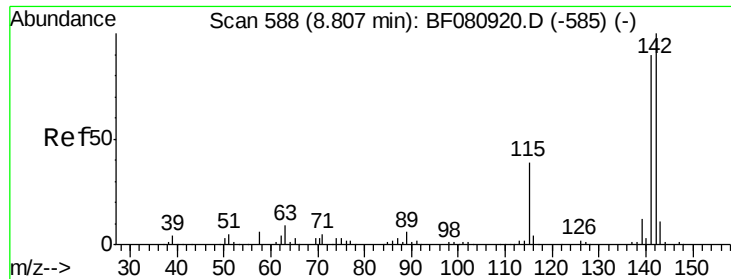
apatel  
 8/12/2015 8:33:55 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.41 ng  
 RT: 8.64 min Scan# 573  
 Delta R.T. -0.01 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.3  | 17.3  | 25.9  |
| 142     | 76.7  | 54.4  | 81.6  |





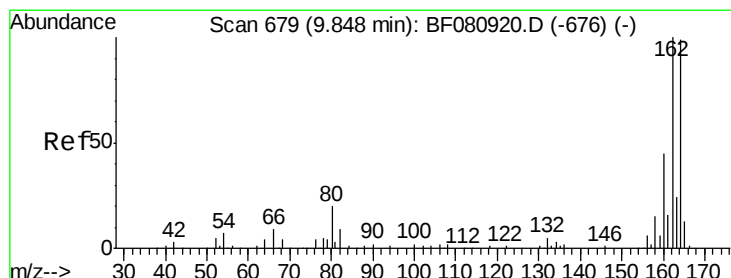
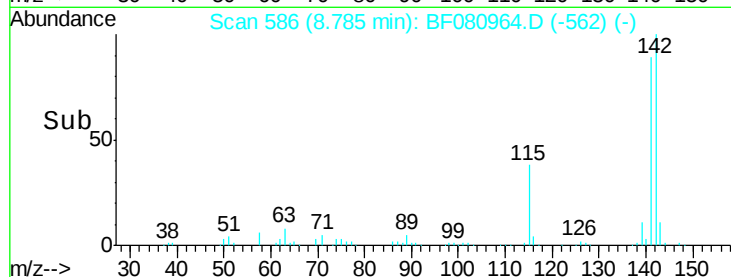
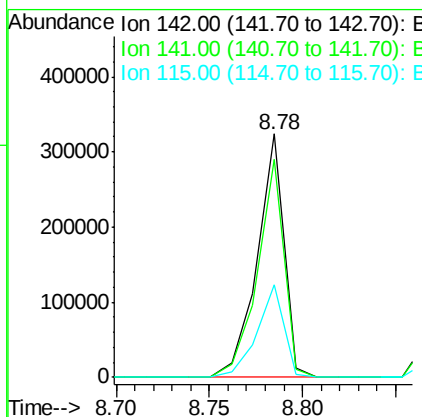
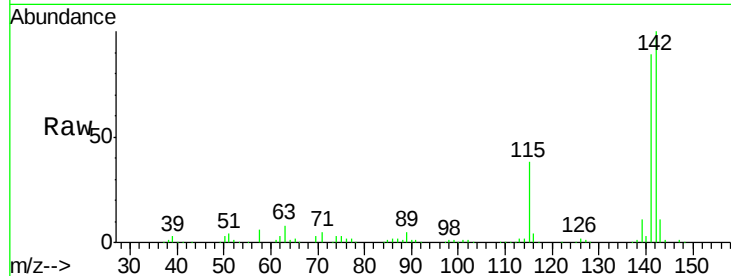
#37  
 2-Methylnaphthalene  
 Concen: 37.62 ng  
 RT: 8.78 min Scan# 586  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.5  | 71.7  | 107.5 |
| 115     | 37.9  | 30.9  | 46.3  |

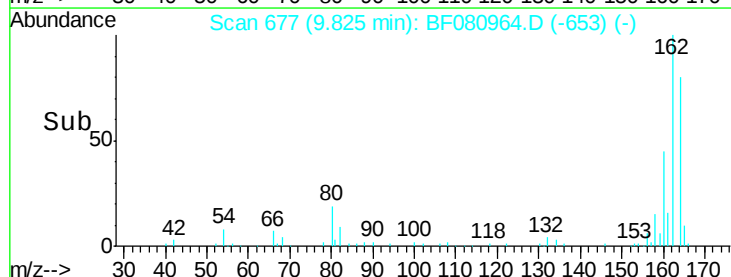
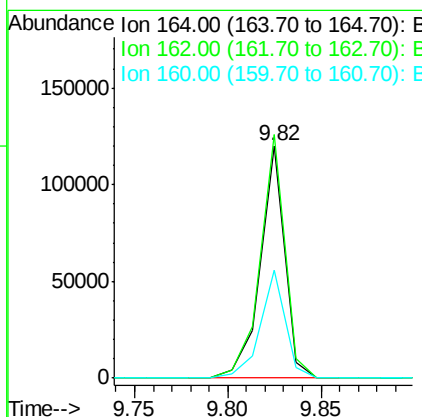
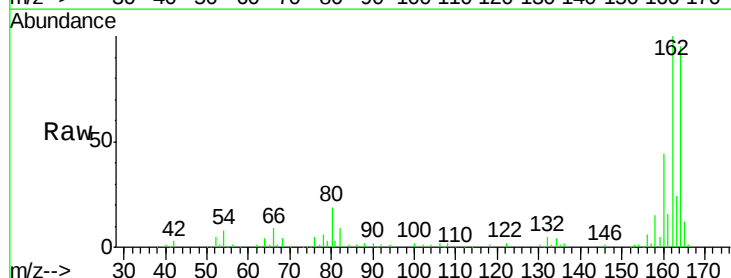
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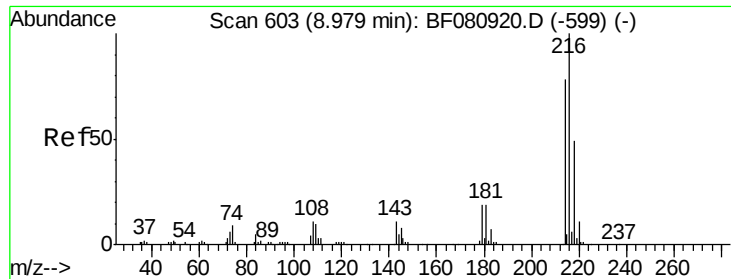
apatel  
 8/12/2015 8:33:55 AM



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 9.82 min Scan# 677  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.8 | 80.5  | 120.7 |
| 160     | 46.6  | 36.6  | 54.8  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.47 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

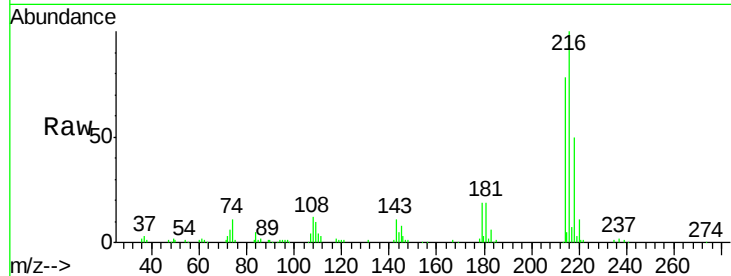
ClientSampleId :

PB84907BSD

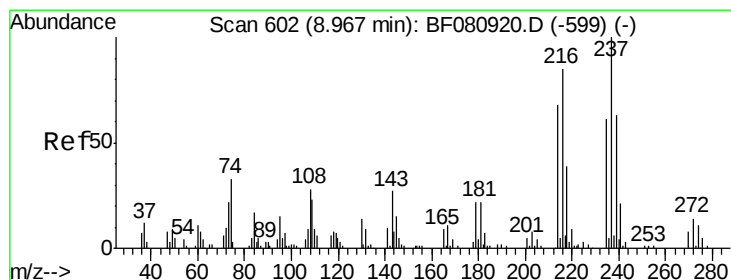
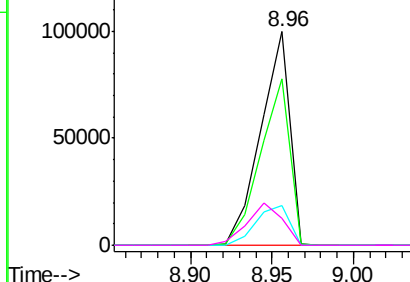
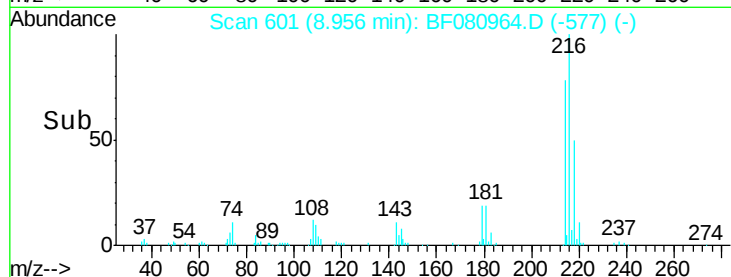
Manual Integrations  
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8/12/2015 8:33:55 AM

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 124224 |       |       |
| 214     | 78.8  | 63.0   | 94.4  |       |
| 179     | 21.4  | 17.2   | 25.8  |       |
| 108     | 23.4  | 16.1   | 24.1  |       |



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: 93.53 ng

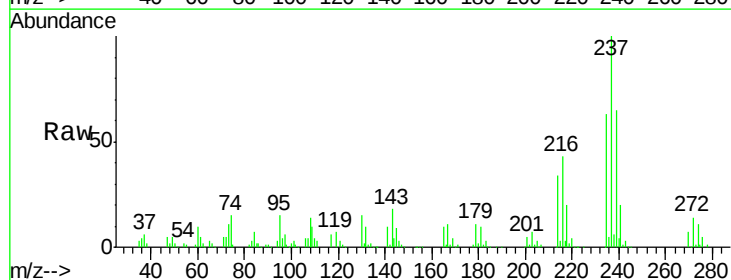
RT: 8.94 min Scan# 600

Delta R.T. -0.02 min

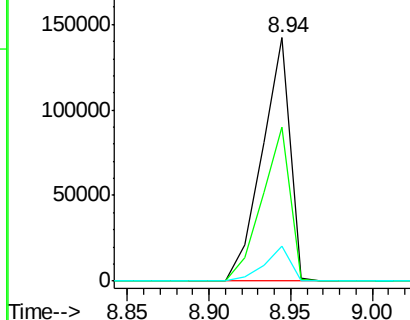
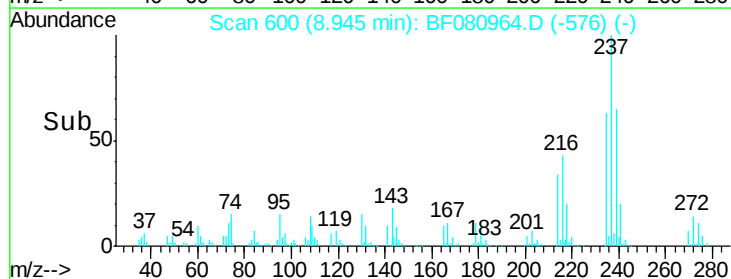
Lab File: BF080964.D

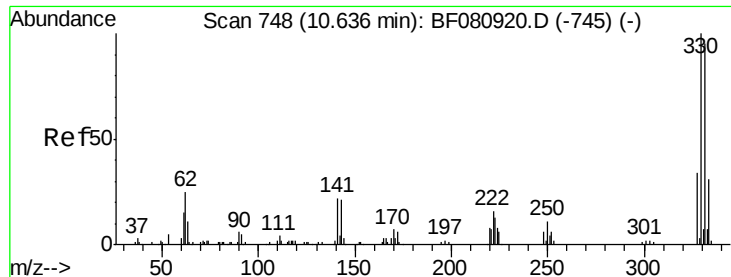
Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 169199 |       |       |
| 235     | 63.0  | 41.3   | 81.3  |       |
| 272     | 14.2  | 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





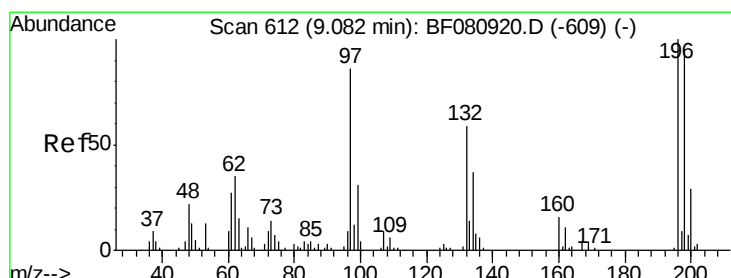
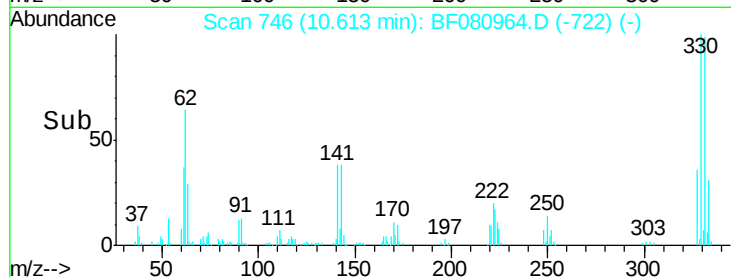
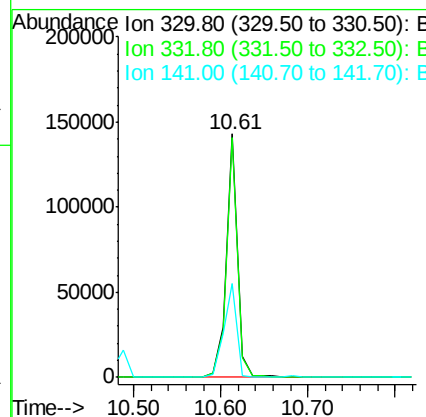
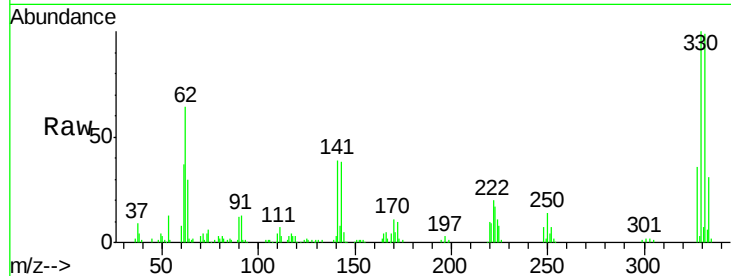
#41  
 2,4,6-Tribromophenol  
 Concen: 111.71 ng  
 RT: 10.61 min Scan# 746  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 131972 |       |       |
| 332     | 97.7  | 76.2   | 114.4 |       |
| 141     | 44.3  | 27.8   | 41.8  |       |

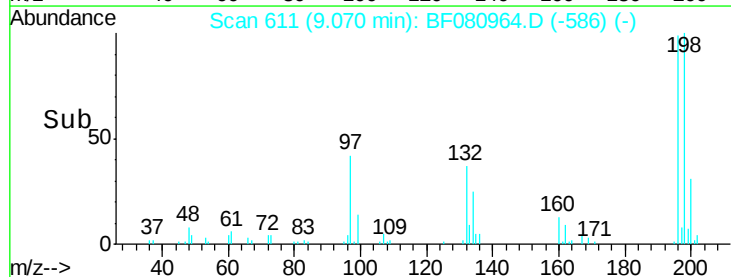
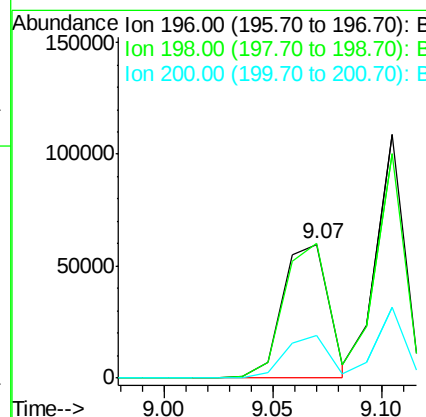
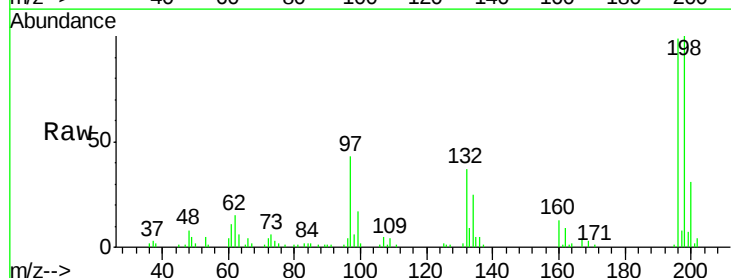
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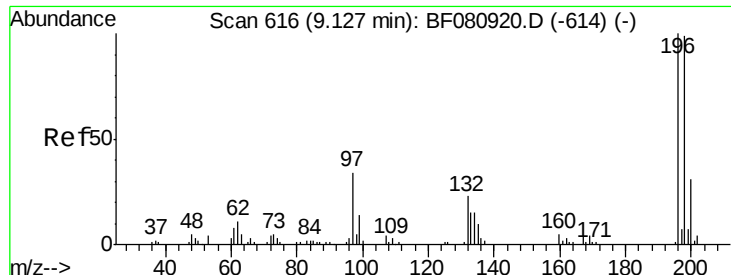
apatel  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 36.52 ng  
 RT: 9.07 min Scan# 611  
 Delta R.T. -0.01 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 88741 |       |       |
| 198     | 100.5 | 75.9  | 113.9 |       |
| 200     | 31.5  | 23.1  | 34.7  |       |





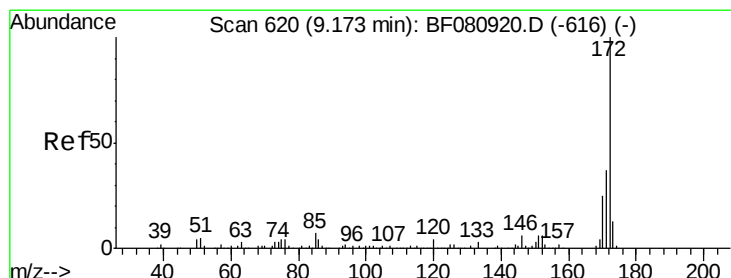
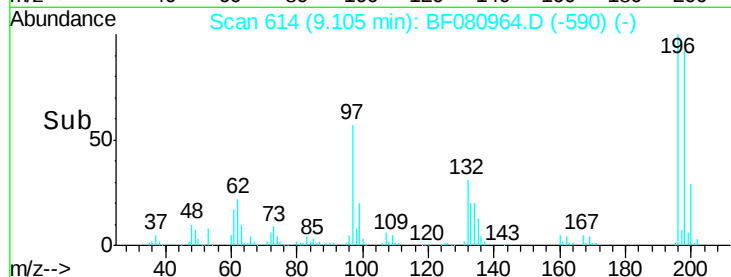
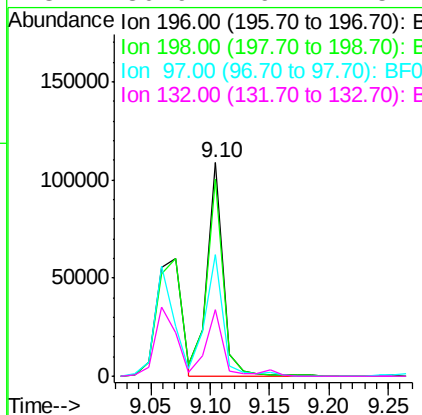
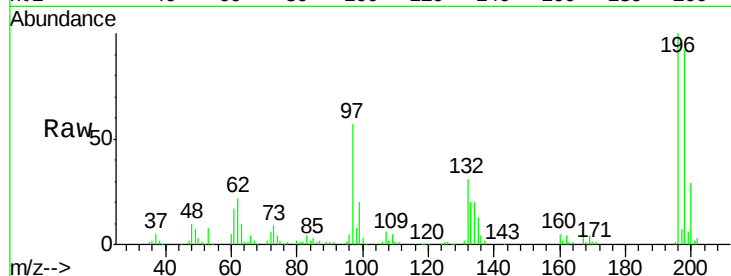
#43  
 2,4,5-Trichlorophenol  
 Concen: 42.11 ng  
 RT: 9.10 min Scan# 614  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 103103 |       |       |
| 198     | 92.2  | 78.9   | 118.3 |       |
| 97      | 56.8  | 29.1   | 43.7  | #     |
| 132     | 30.9  | 19.1   | 28.7  | #     |

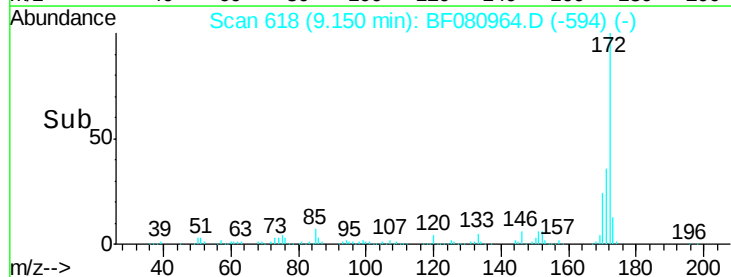
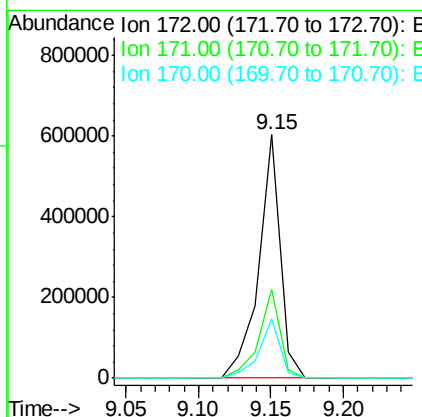
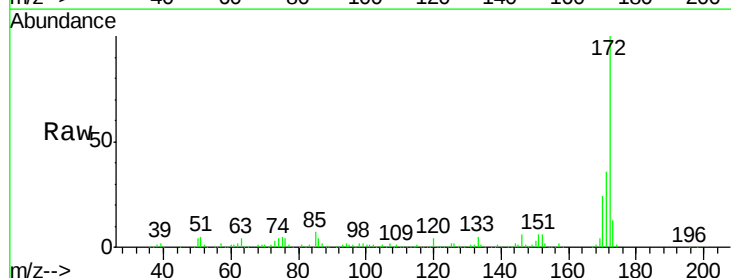
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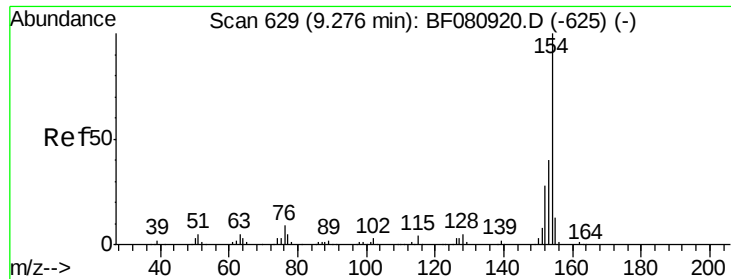
apatel  
 8/12/2015 8:33:55 AM



#44  
 2-Fluorobiphenyl  
 Concen: 81.23 ng  
 RT: 9.15 min Scan# 618  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 620501 |       |       |
| 171     | 36.2  | 29.4   | 44.0  |       |
| 170     | 24.3  | 19.7   | 29.5  |       |





#45

1,1'-Biphenyl

Concen: 42.47 ng

RT: 9.25 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

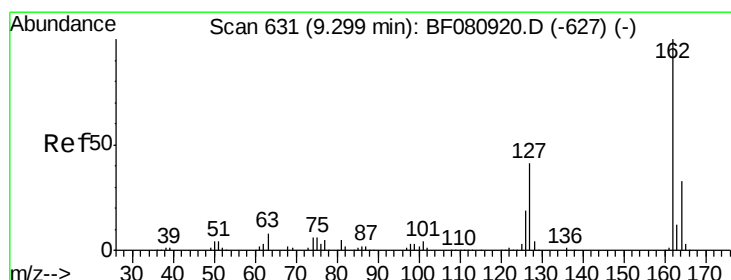
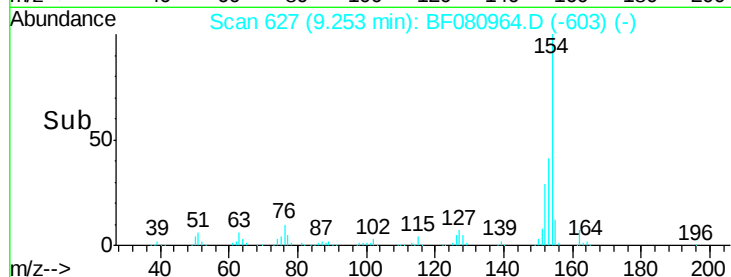
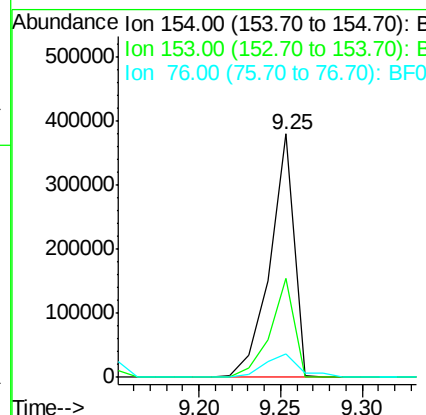
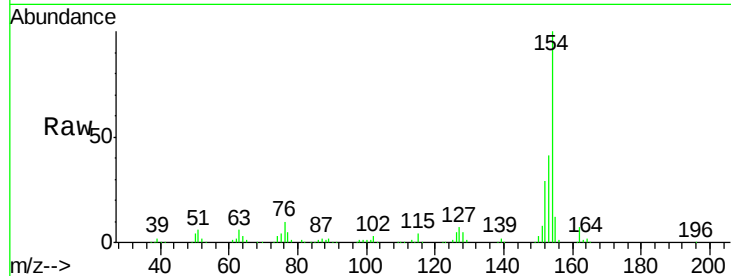
ClientSampleId :

PB84907BSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 154  | Resp: | 391981 |
| Ion Ratio |      | Lower | Upper  |
| 154       | 100  |       |        |
| 153       | 40.5 | 20.1  | 60.1   |
| 76        | 9.6  | 0.0   | 29.3   |

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8/12/2015 8:33:55 AM



#46

2-Chloronaphthalene

Concen: 39.13 ng

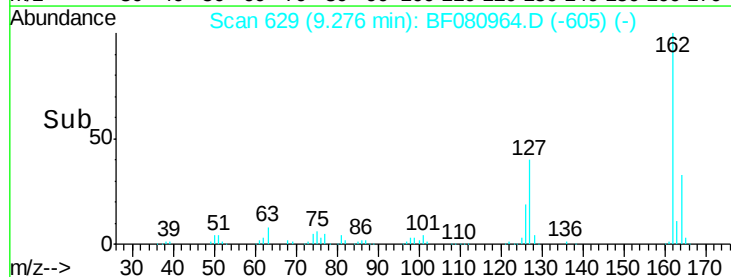
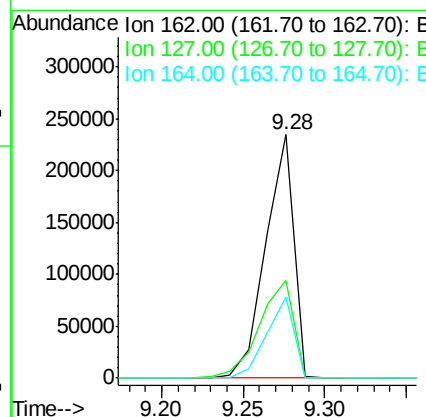
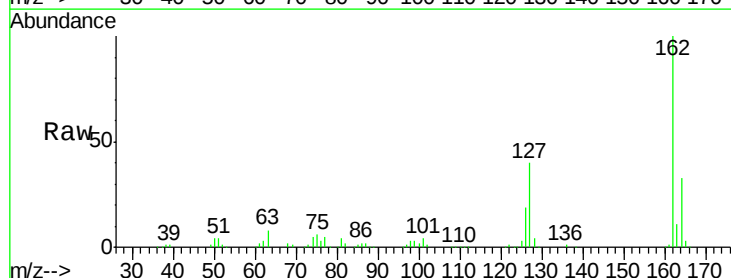
RT: 9.28 min Scan# 629

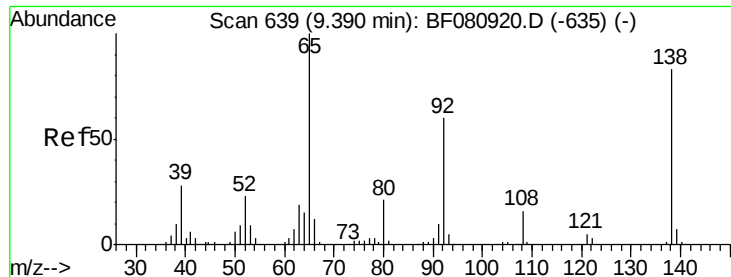
Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 162  | Resp: | 281592 |
| Ion Ratio |      | Lower | Upper  |
| 162       | 100  |       |        |
| 127       | 40.3 | 32.5  | 48.7   |
| 164       | 33.2 | 26.2  | 39.4   |





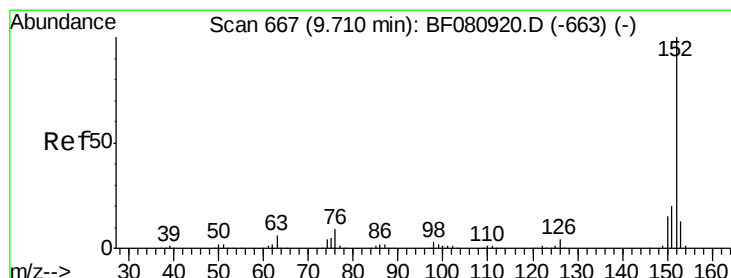
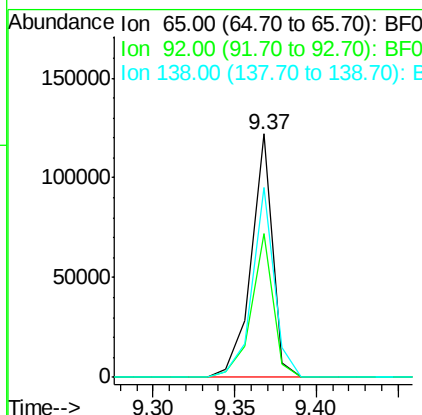
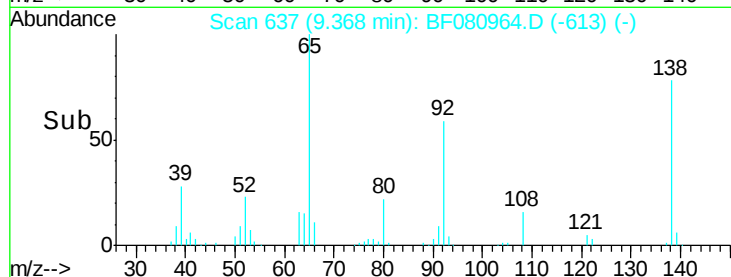
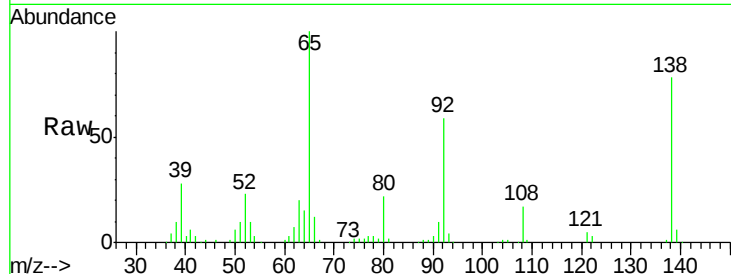
#47  
 2-Nitroaniline  
 Concen: 38.52 ng  
 RT: 9.37 min Scan# 637  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 65    | Resp: | 111130 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 59.2  | 48.0  | 72.0   |
| 138       | 78.0  | 66.1  | 99.1   |

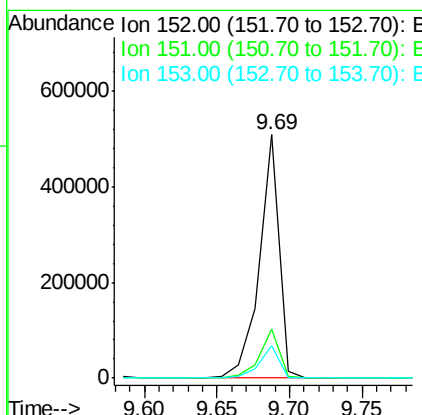
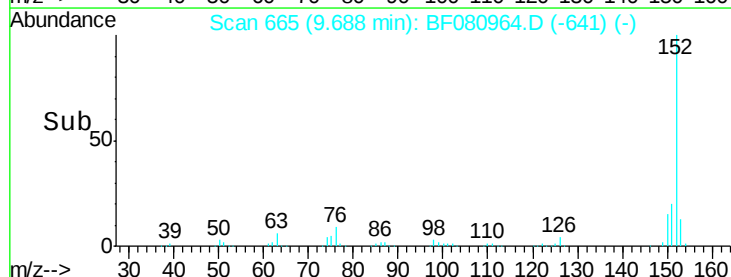
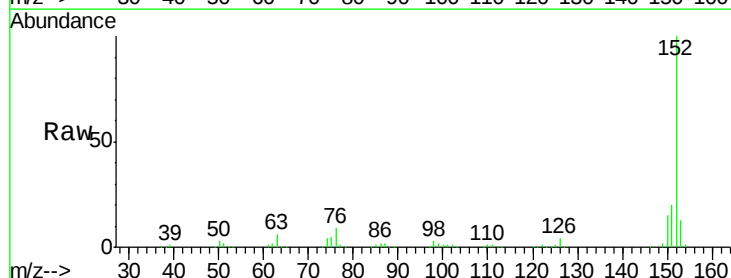
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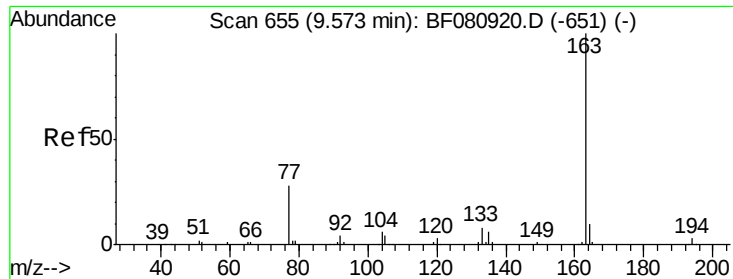
apatel  
 8/12/2015 8:33:55 AM



#48  
 Acenaphthylene  
 Concen: 38.43 ng  
 RT: 9.69 min Scan# 665  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 480695 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.2  | 16.3  | 24.5   |
| 153       | 13.2  | 10.5  | 15.7   |





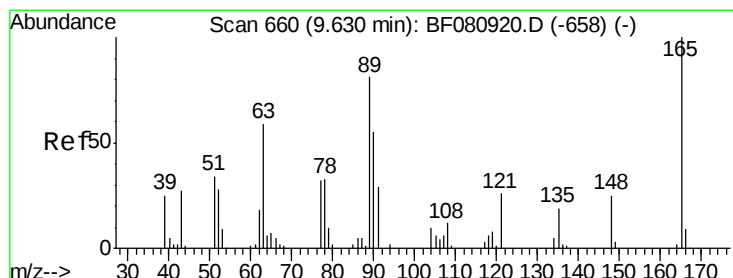
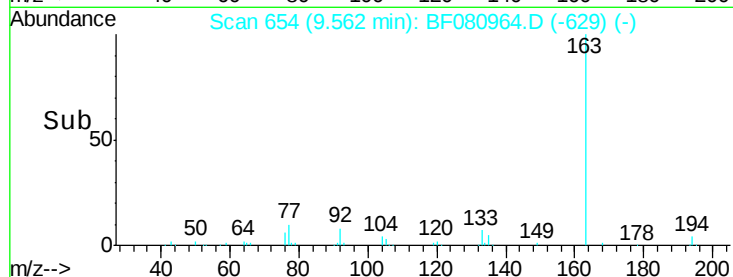
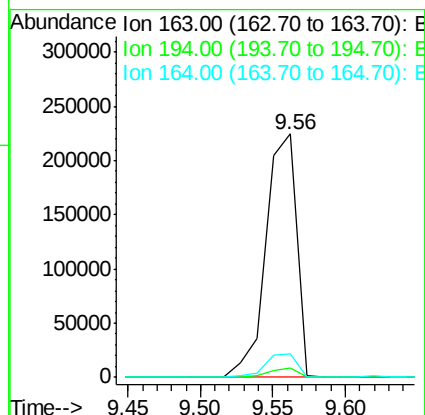
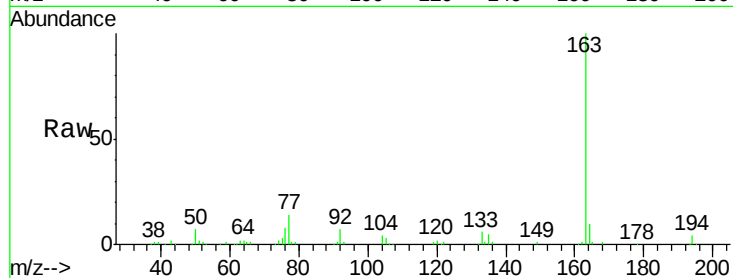
#49  
Dimethylphthalate  
Concen: 36.86 ng  
RT: 9.56 min Scan# 654  
Delta R.T. -0.01 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB84907BSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 3.9   | 2.4        | 3.6#       |
| 164     | 9.5   | 8.2        | 12.4       |

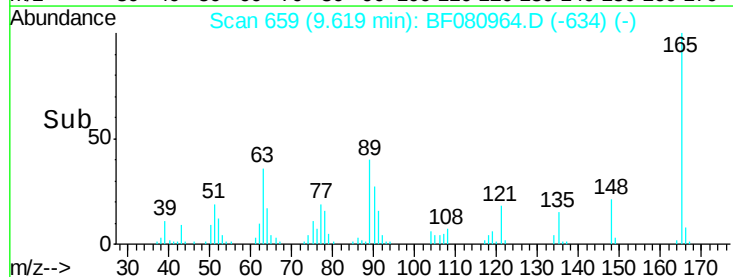
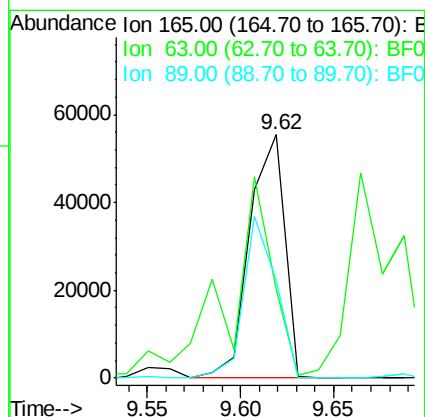
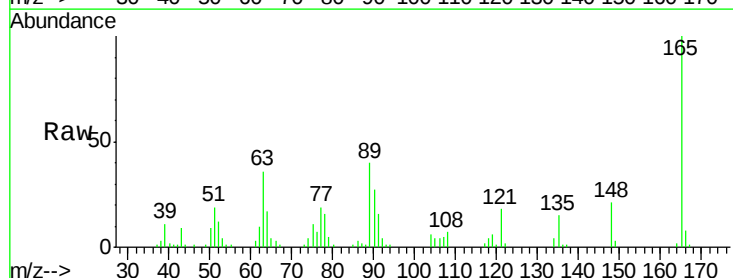
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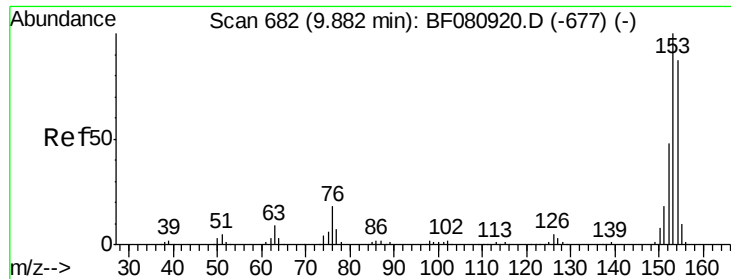
apatel  
8/12/2015 8:33:55 AM



#50  
2,6-Dinitrotoluene  
Concen: 38.96 ng  
RT: 9.62 min Scan# 659  
Delta R.T. -0.01 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 36.5  | 77.6       | 116.4#     |
| 89      | 40.4  | 64.5       | 96.7#      |





#51

Acenaphthene

Concen: 42.65 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF080964.D

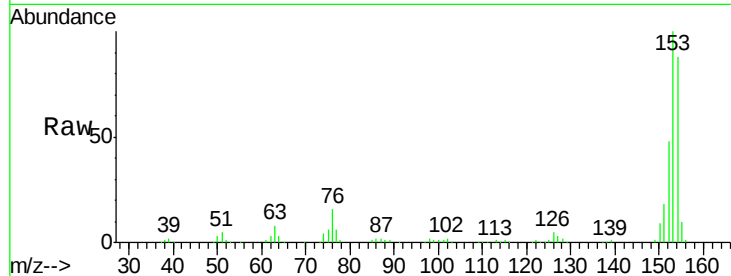
Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

ClientSampleId :

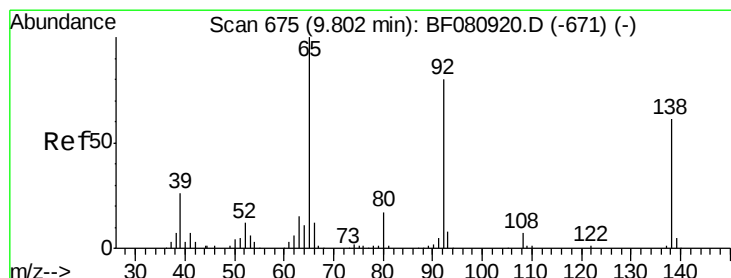
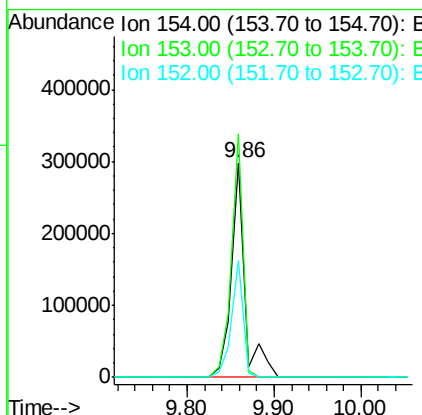
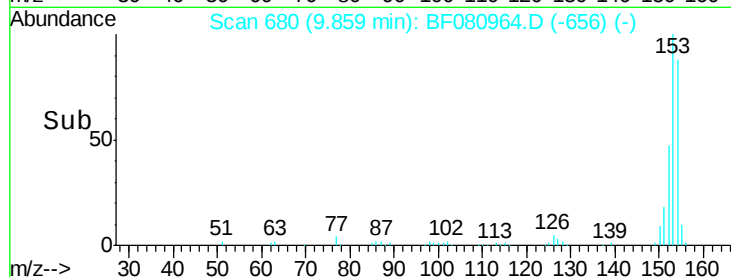
PB84907BSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 326773 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.6 | 91.4  | 137.2  |
| 152       | 54.6  | 44.2  | 66.4   |

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apatel  
8/12/2015 8:33:55 AM



#52

3-Nitroaniline

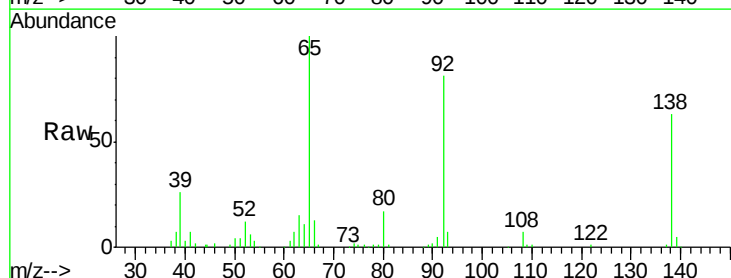
Concen: 24.29 ng

RT: 9.78 min Scan# 673

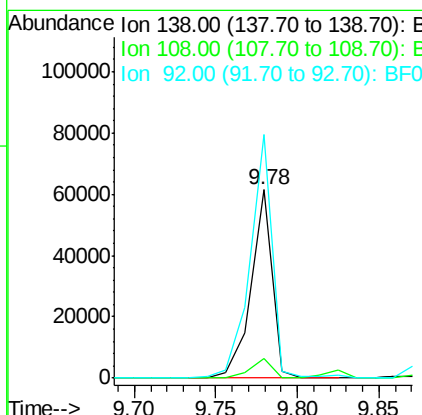
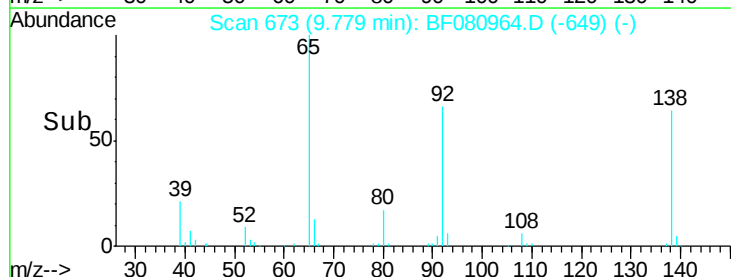
Delta R.T. -0.02 min

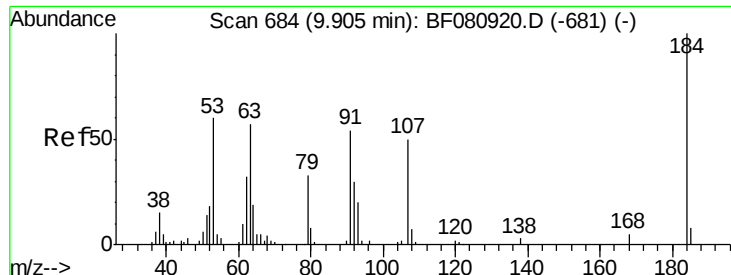
Lab File: BF080964.D

Acq: 11 Aug 2015 16:28



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 55271 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.5  | 8.7   | 13.1  |
| 92        | 129.4 | 104.4 | 156.6 |





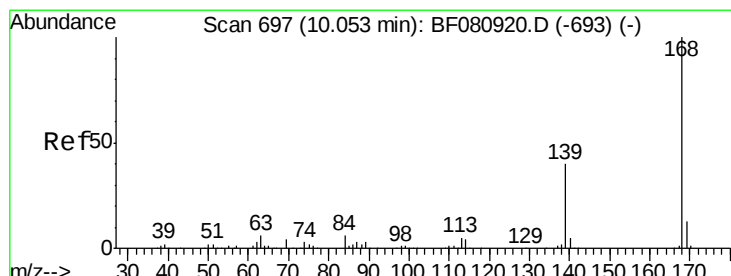
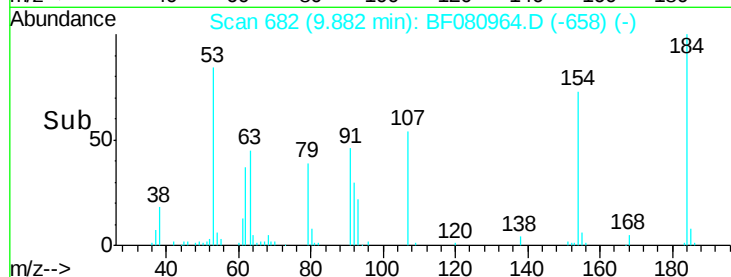
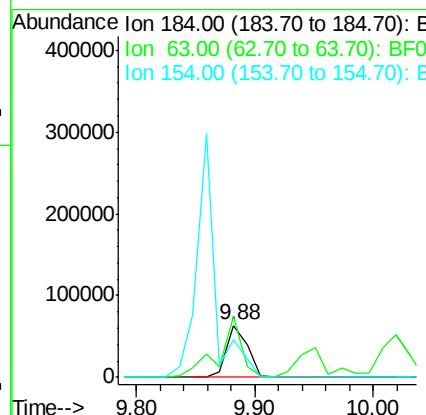
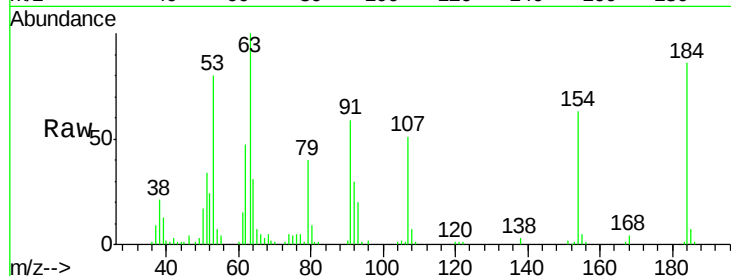
#53  
2,4-Dinitrophenol  
Concen: 70.84 ng  
RT: 9.88 min Scan# 682  
Delta R.T. -0.02 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB84907BSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 78565 |       |       |
| 63      | 116.9 | 59.7  | 89.5# |       |
| 154     | 73.4  | 53.8  | 80.8  |       |

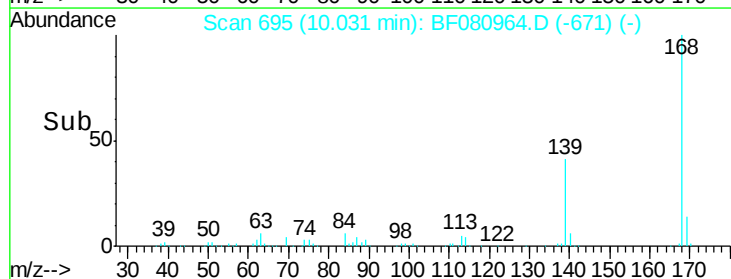
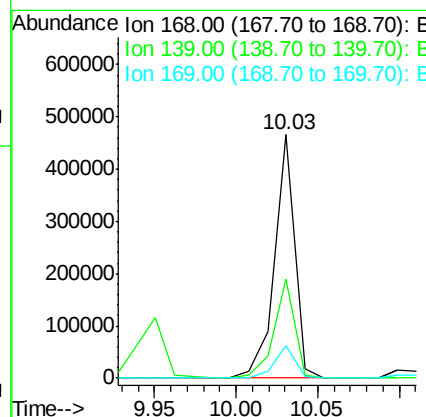
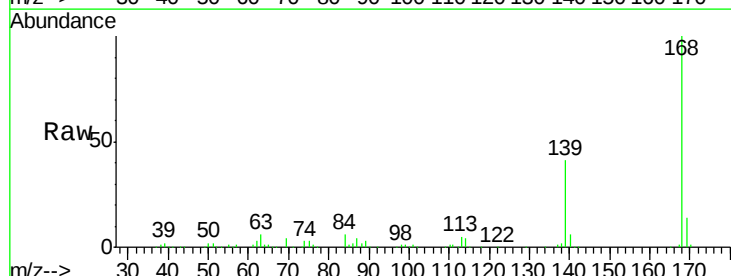
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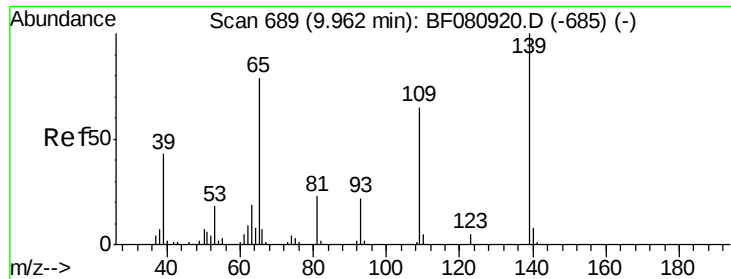
apatel  
8/12/2015 8:33:55 AM



#54  
Dibenzofuran  
Concen: 39.01 ng  
RT: 10.03 min Scan# 695  
Delta R.T. -0.02 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 404098 |       |       |
| 139     | 40.9  | 31.9   | 47.9  |       |
| 169     | 13.5  | 10.6   | 15.8  |       |





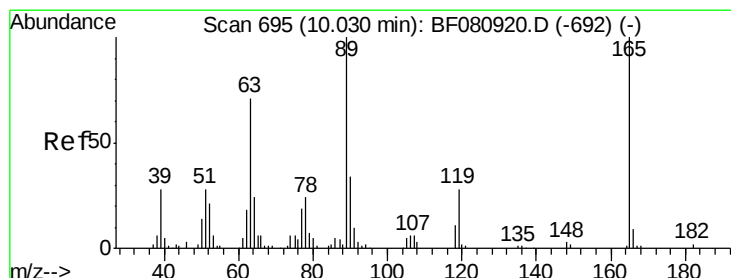
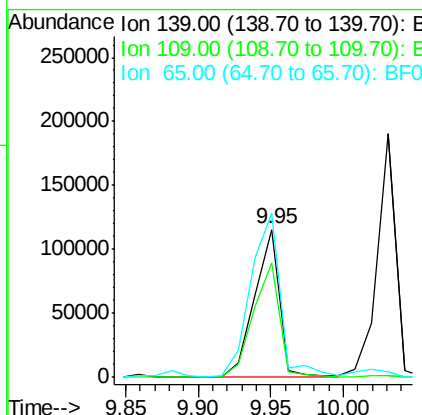
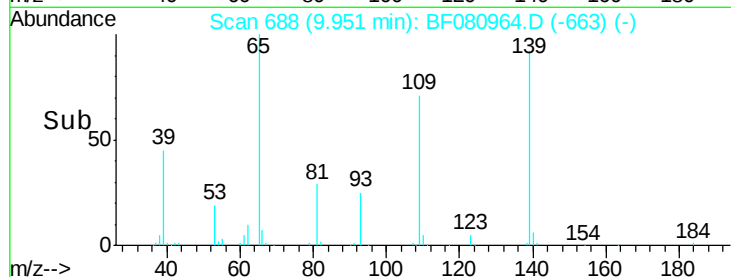
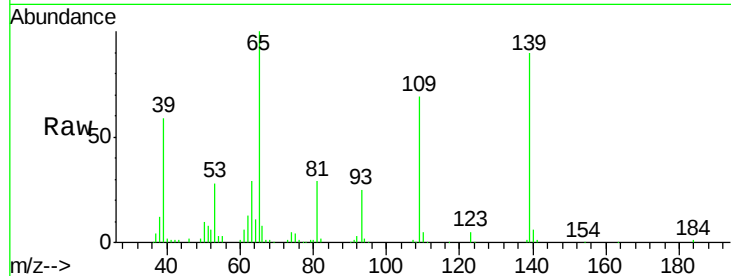
#55  
4-Nitrophenol  
Concen: 81.71 ng  
RT: 9.95 min Scan# 688  
Delta R.T. -0.01 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB84907BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 139160 |       |       |
| 109     | 77.0  | 44.7   | 84.7  |       |
| 65      | 111.0 | 59.5   | 99.5# |       |

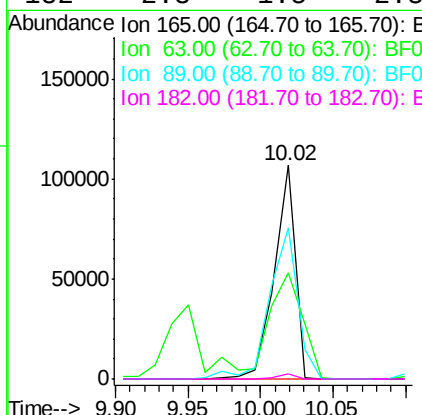
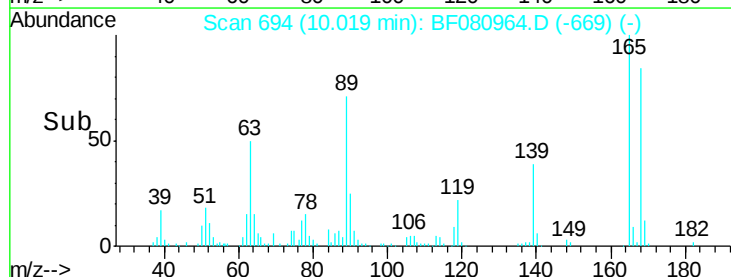
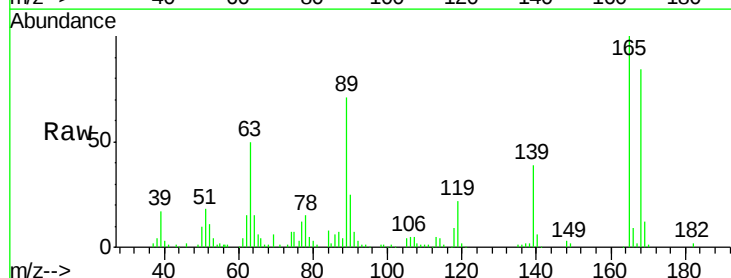
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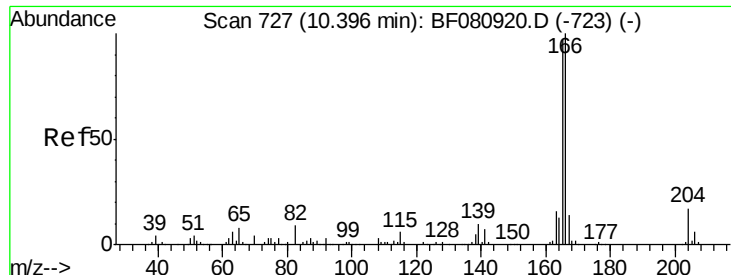
apatel  
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#56  
2,4-Dinitrotoluene  
Concen: 43.59 ng  
RT: 10.02 min Scan# 694  
Delta R.T. -0.01 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp   | Lower  | Upper |
|---------|-------|--------|--------|-------|
| 165     | 100   | 107628 |        |       |
| 63      | 49.6  | 56.7   | 85.1#  |       |
| 89      | 70.8  | 80.4   | 120.6# |       |
| 182     | 2.3   | 1.5    | 2.3#   |       |





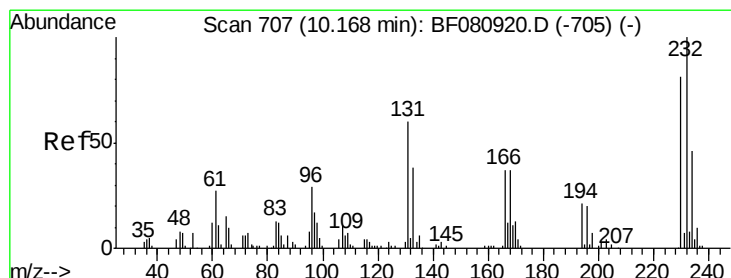
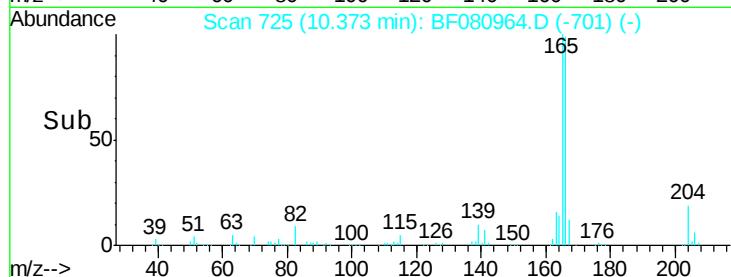
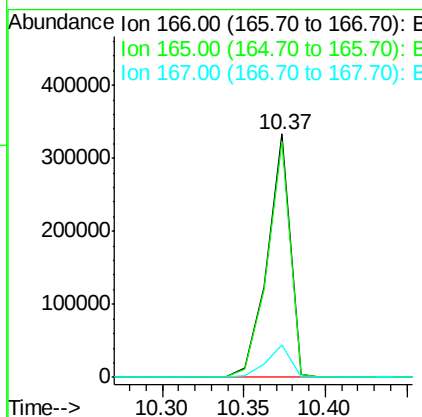
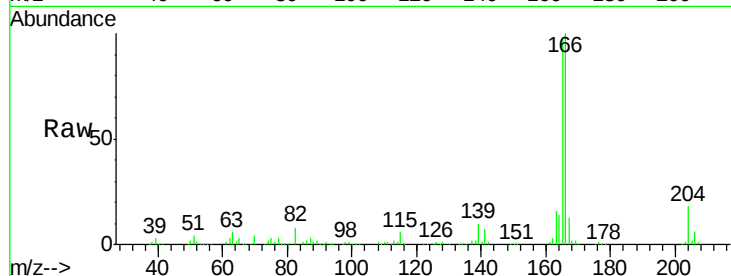
#57  
 Fluorene  
 Concen: 40.60 ng  
 RT: 10.37 min Scan# 725  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 325330 |       |       |
| 165     | 96.9  | 77.2   | 115.8 |       |
| 167     | 13.4  | 10.8   | 16.2  |       |

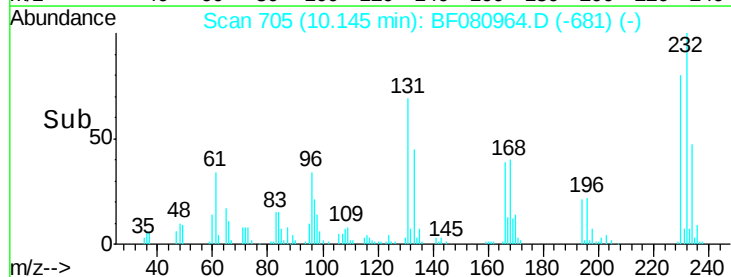
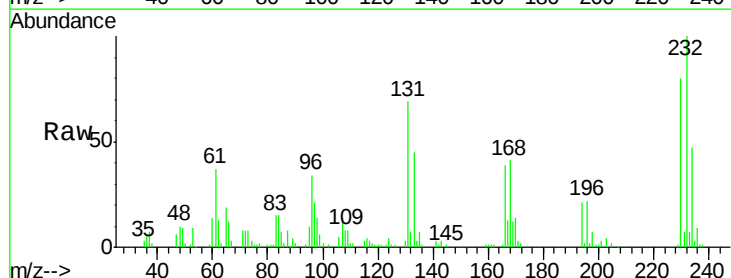
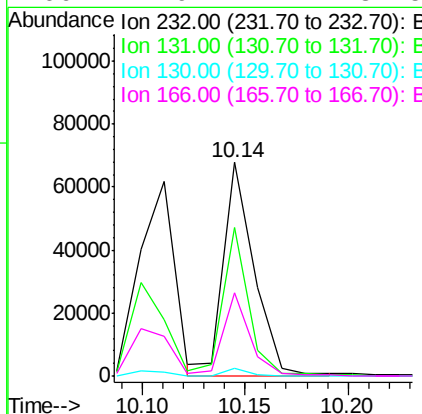
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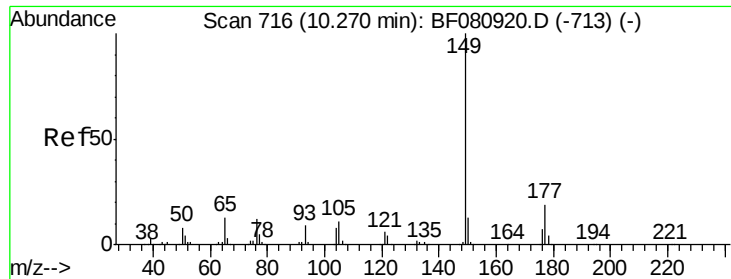
apatel  
 8/12/2015 8:33:55 AM



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 36.85 ng m  
 RT: 10.14 min Scan# 705  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 71412 |       |       |
| 131     | 48.9  | 39.4  | 59.2  |       |
| 130     | 2.6   | 2.1   | 3.1   |       |
| 166     | 27.9  | 21.7  | 32.5  |       |





#59

Diethylphthalate

Concen: 37.62 ng

RT: 10.26 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF080964.D

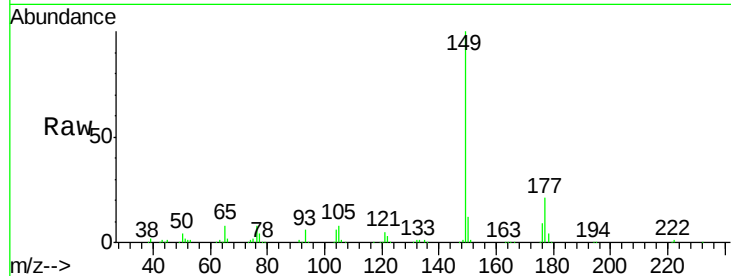
Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

ClientSampleId :

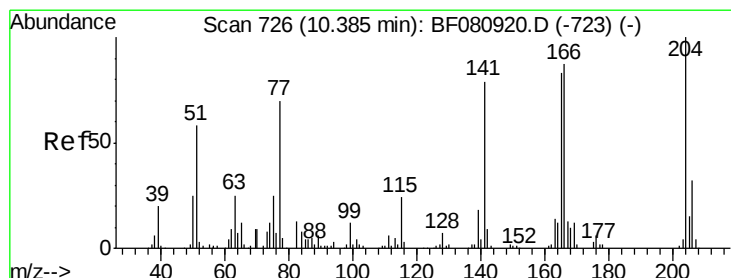
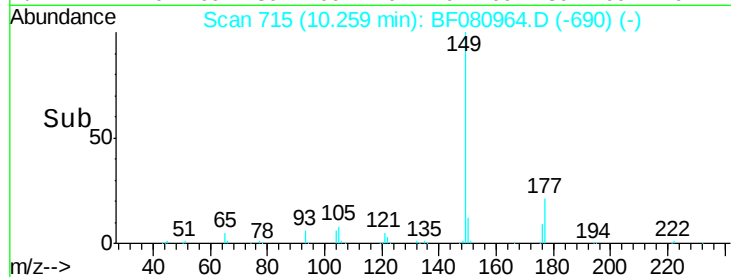
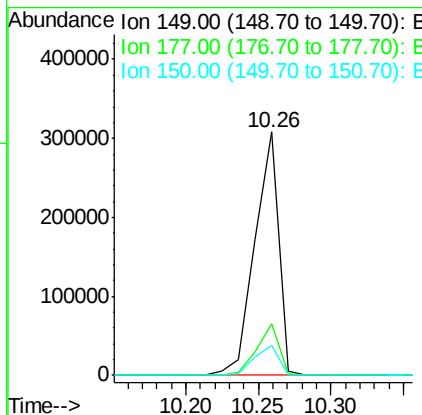
PB84907BSD



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 349786 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 21.3  | 15.0  | 22.4   |
| 150       | 12.3  | 10.4  | 15.6   |

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#60

4-Chlorophenyl-phenylether

Concen: 32.74 ng

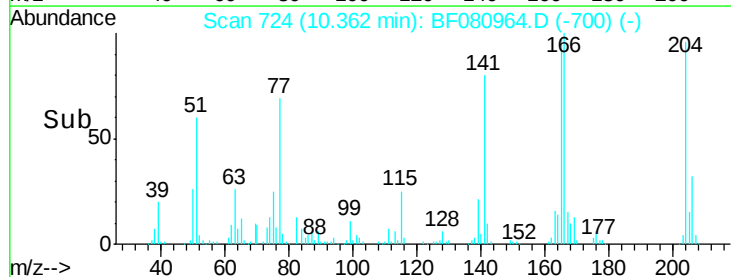
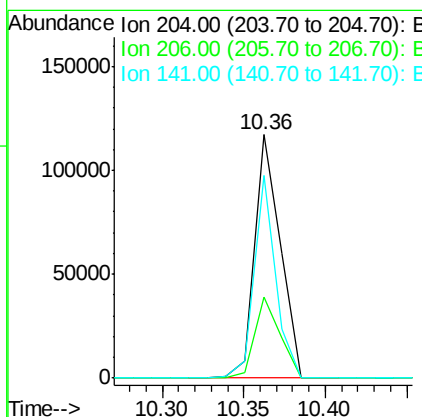
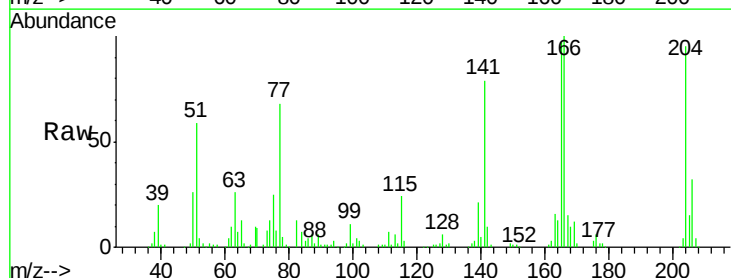
RT: 10.36 min Scan# 724

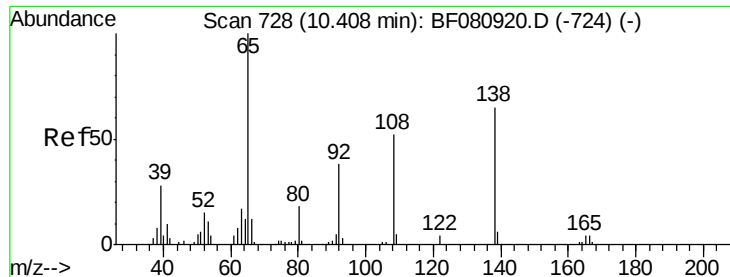
Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 127838 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.4  | 25.5  | 38.3   |
| 141       | 83.1  | 63.4  | 95.0   |





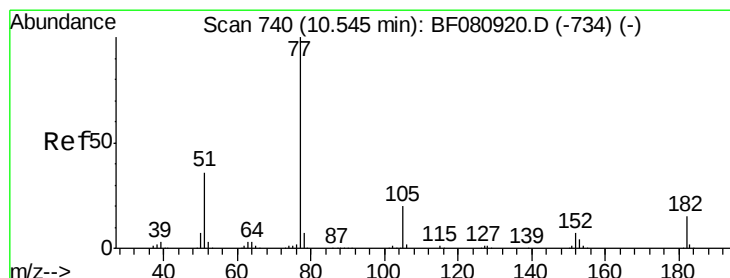
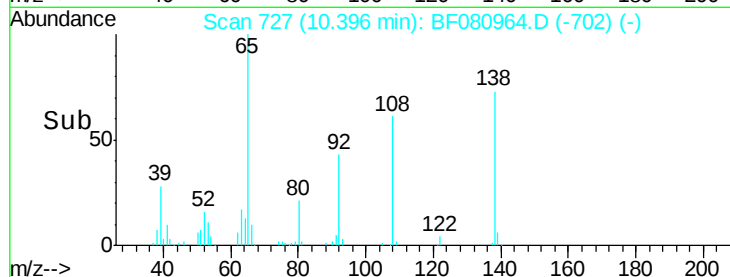
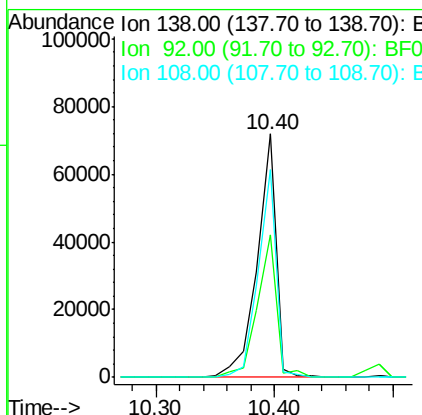
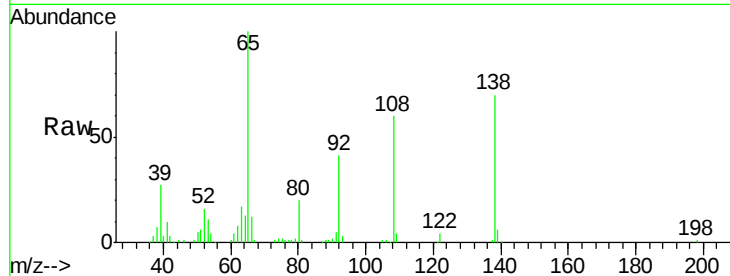
#61  
4-Nitroaniline  
Concen: 34.38 ng  
RT: 10.40 min Scan# 727  
Delta R.T. -0.01 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB84907BSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 80481 |       |       |
| 92      | 58.5  | 38.1  | 78.1  |       |
| 108     | 85.5  | 59.9  | 99.9  |       |

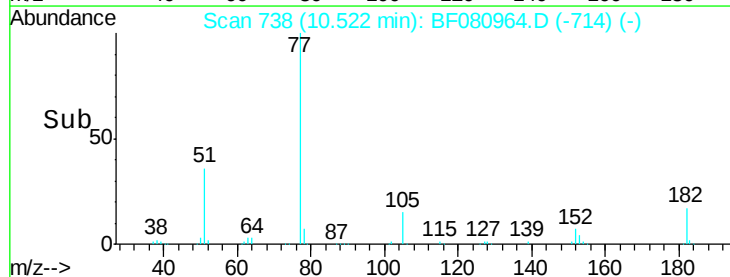
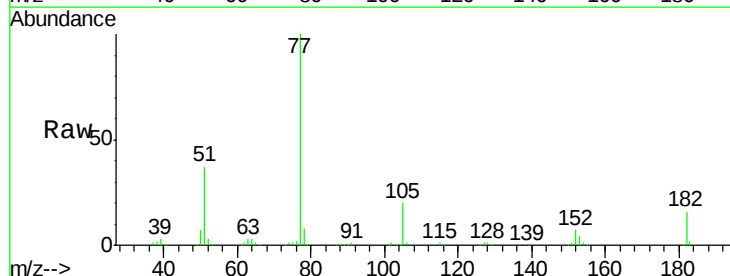
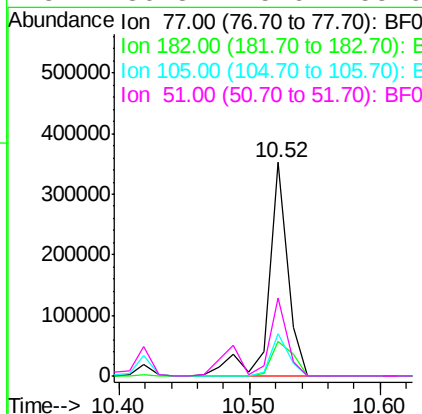
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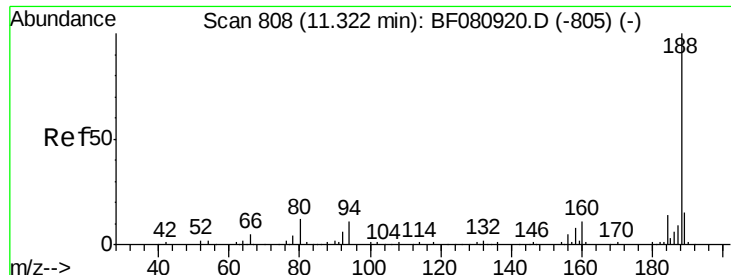
apatel  
8/12/2015 8:33:55 AM



#62  
Azobenzene  
Concen: 35.09 ng  
RT: 10.52 min Scan# 738  
Delta R.T. -0.02 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 364879 |       |       |
| 182     | 16.0  | 0.0    | 35.5  |       |
| 105     | 20.1  | 0.5    | 40.5  |       |
| 51      | 36.8  | 15.6   | 55.6  |       |





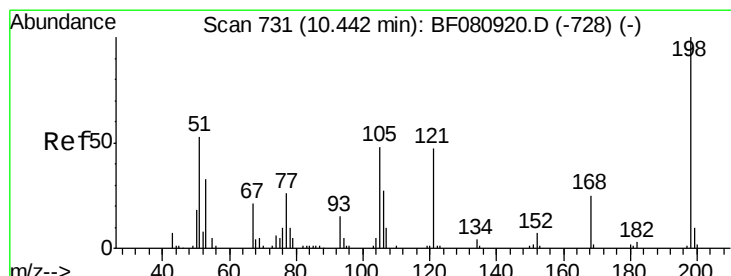
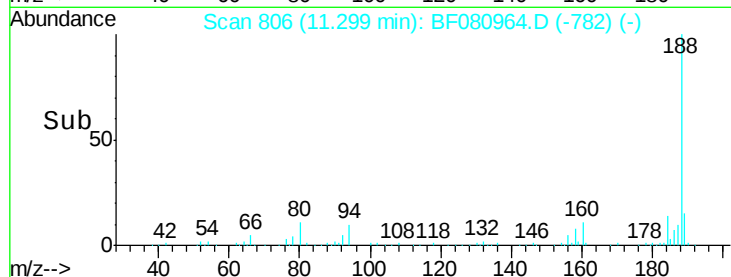
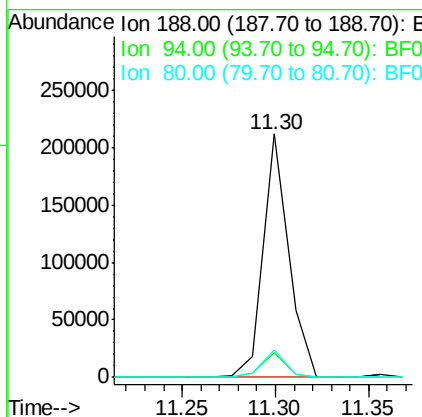
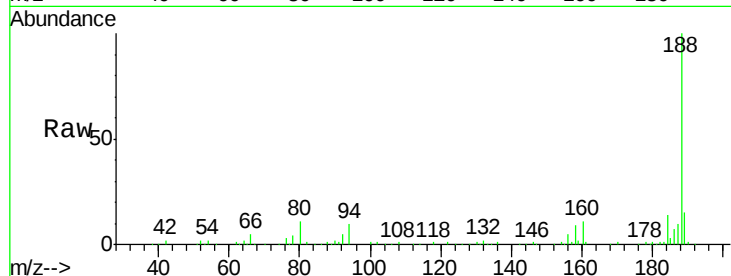
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 11.30 min Scan# 806  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 9.9   | 8.8        | 13.2       |
| 80      | 11.1  | 9.5        | 14.3       |

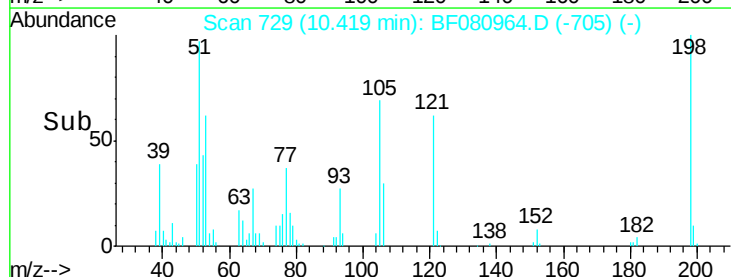
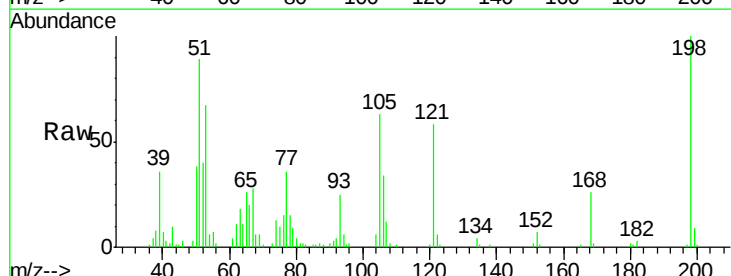
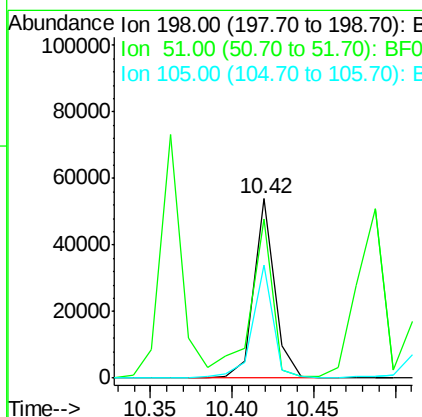
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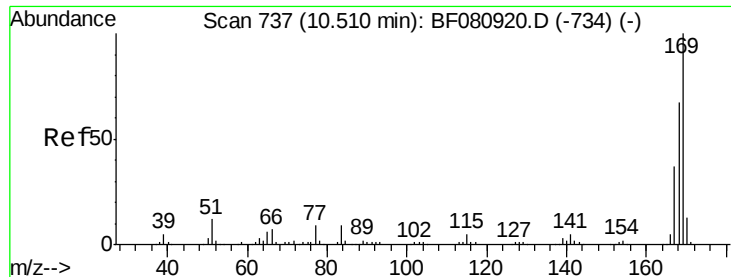
apatel  
 8/12/2015 8:33:55 AM



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 38.83 ng  
 RT: 10.42 min Scan# 729  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 88.7  | 40.3       | 80.3#      |
| 105     | 63.3  | 29.6       | 69.6       |





#65

n-Nitrosodiphenylamine

Concen: 40.74 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

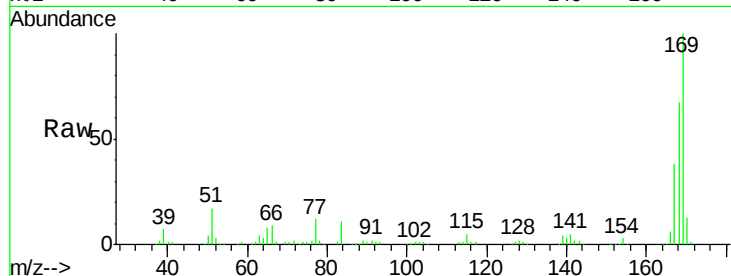
ClientSampleId :

PB84907BSD

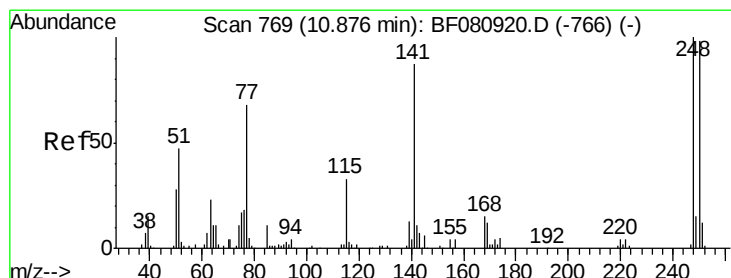
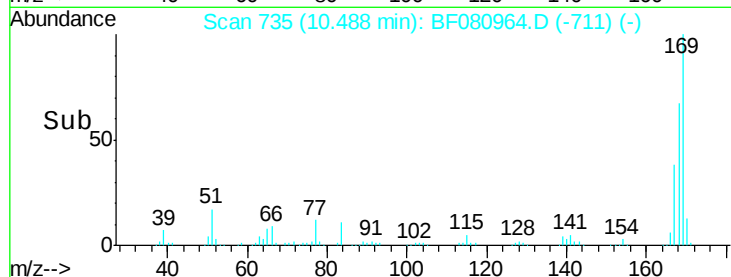
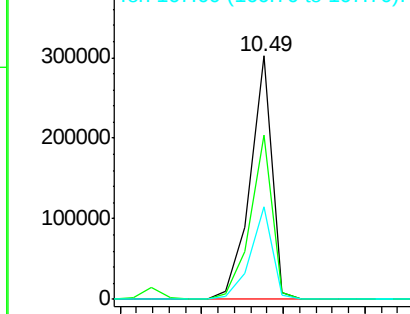
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 281761 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 67.3  | 53.7  | 80.5   |
| 167       | 37.8  | 29.3  | 43.9   |

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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: 43.24 ng

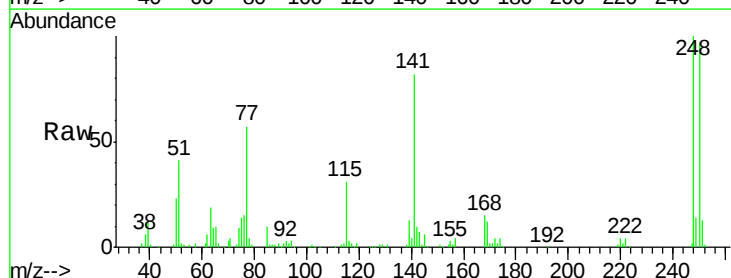
RT: 10.85 min Scan# 767

Delta R.T. -0.02 min

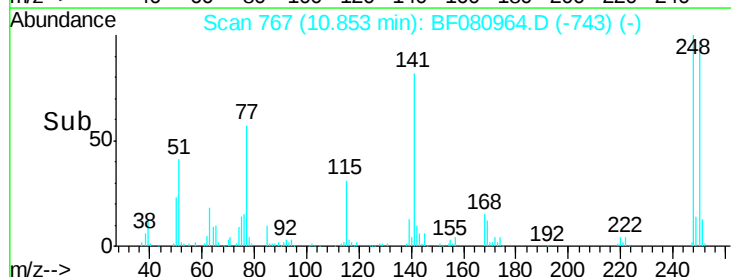
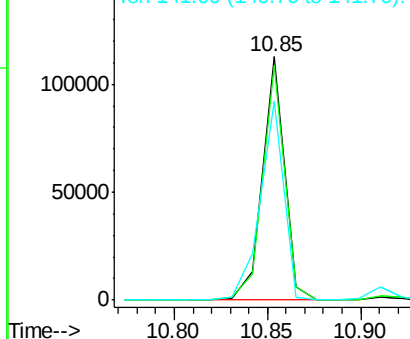
Lab File: BF080964.D

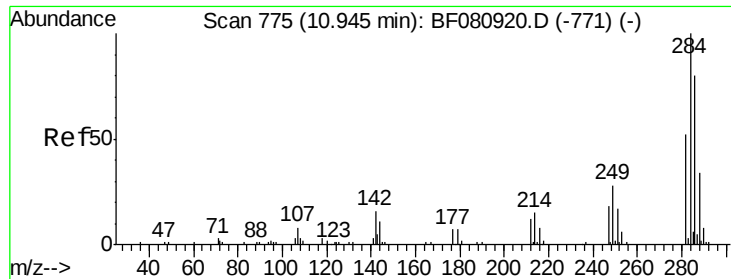
Acq: 11 Aug 2015 16:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 248   | Resp: | 91164 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 96.6  | 78.1  | 117.1 |
| 141       | 81.8  | 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





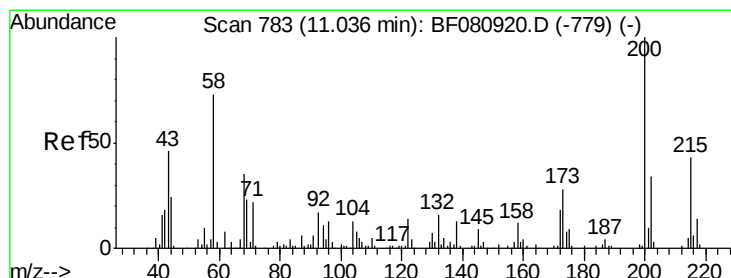
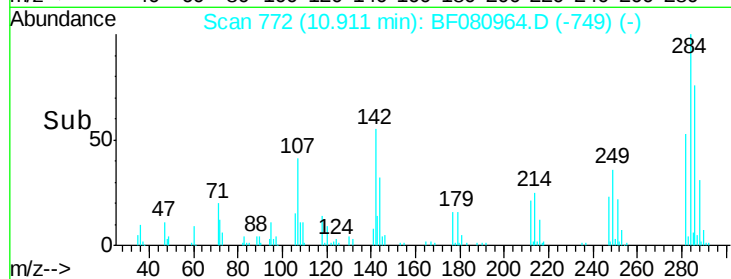
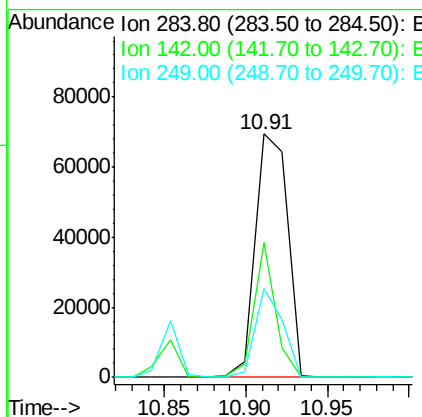
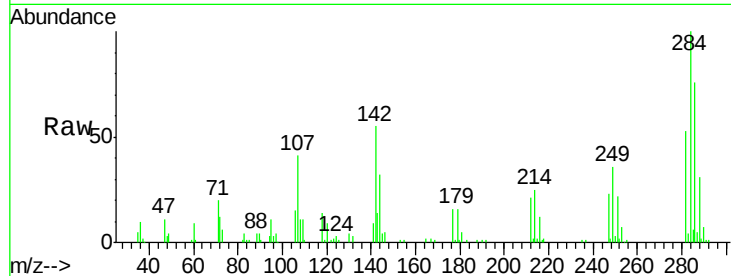
#67  
Hexachlorobenzene  
Concen: 40.76 ng  
RT: 10.91 min Scan# 772  
Delta R.T. -0.03 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB84907BSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 284     | 100   | 95542 |       |       |
| 142     | 55.4  | 12.8  | 19.2  | #     |
| 249     | 36.3  | 22.5  | 33.7  | #     |

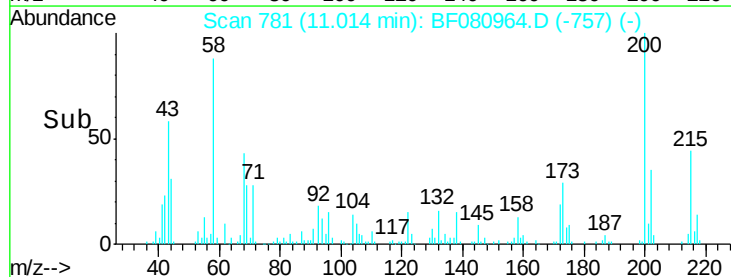
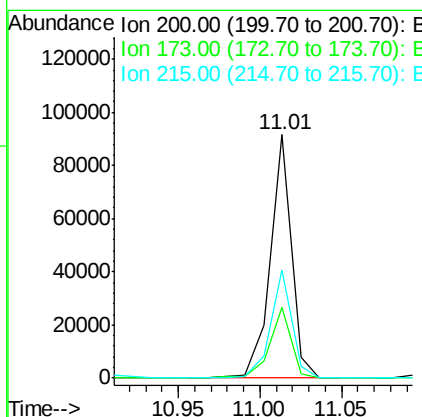
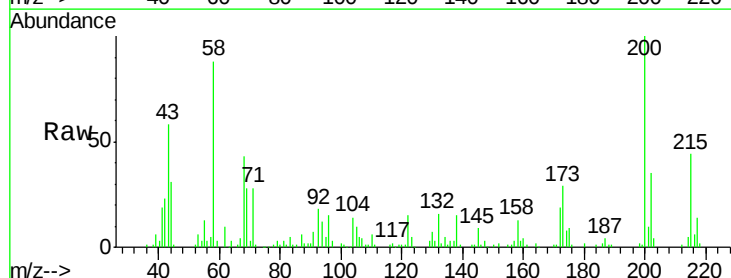
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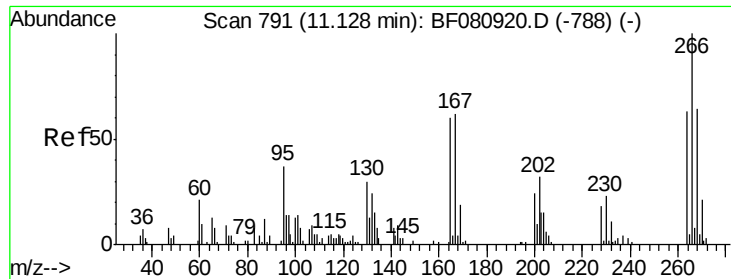
apatel  
8/12/2015 8:33:55 AM



#68  
Atrazine  
Concen: 40.94 ng  
RT: 11.01 min Scan# 781  
Delta R.T. -0.02 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 200     | 100   | 83011 |       |       |
| 173     | 28.9  | 8.4   | 48.4  |       |
| 215     | 44.4  | 22.7  | 62.7  |       |





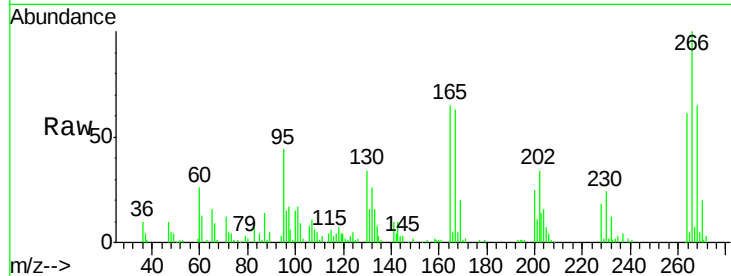
#69  
 Pentachlorophenol  
 Concen: 77.80 ng  
 RT: 11.10 min Scan# 789  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

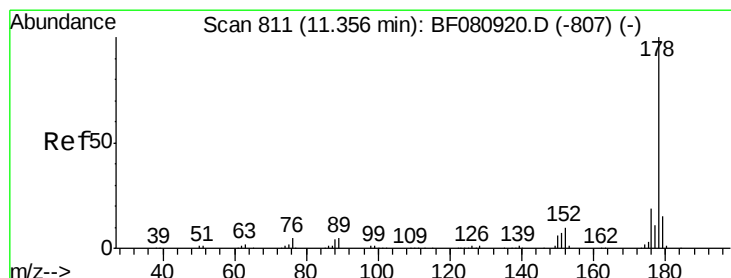
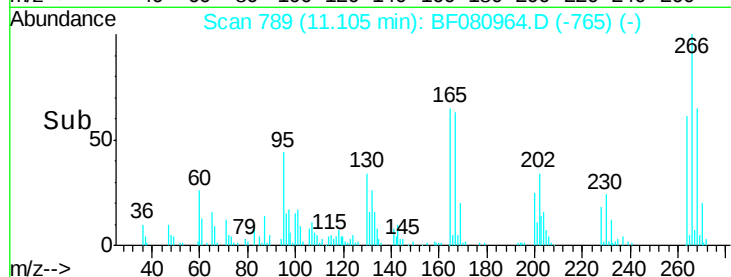
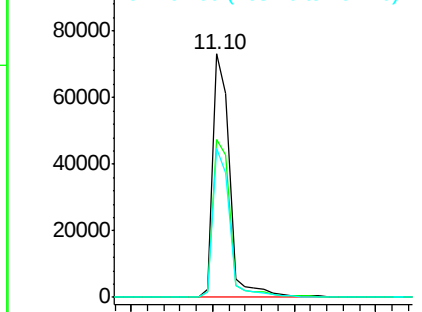
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 106053 |       |       |
| 268     | 64.7  | 51.6   | 77.4  |       |
| 264     | 61.0  | 50.1   | 75.1  |       |

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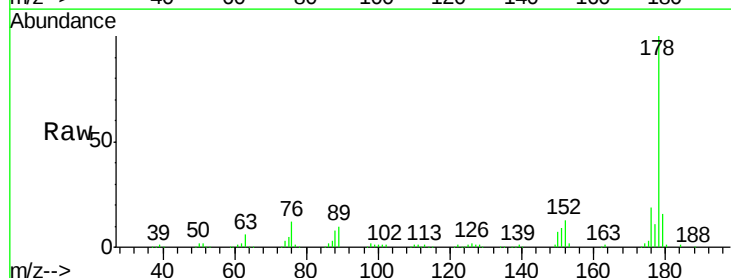


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

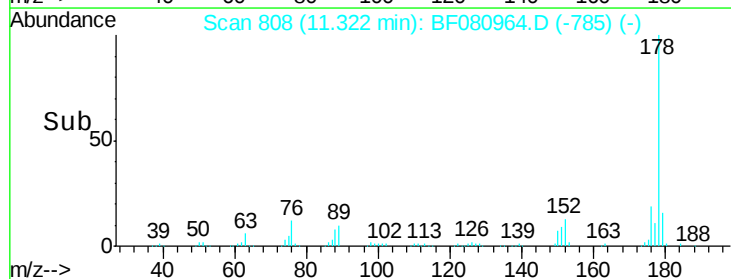
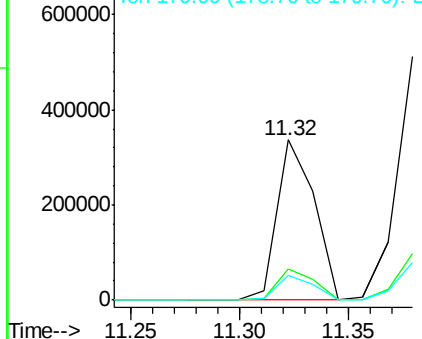


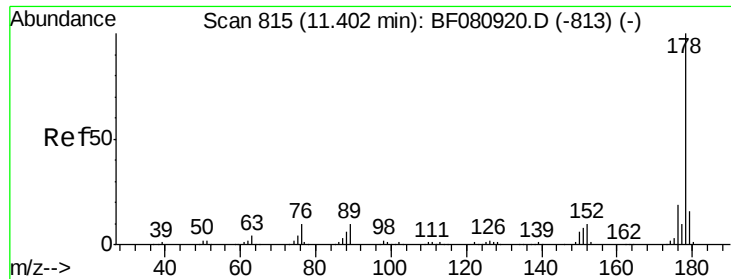
#70  
 Phenanthrene  
 Concen: 35.95 ng  
 RT: 11.32 min Scan# 808  
 Delta R.T. -0.03 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 405291 |       |       |
| 176     | 19.1  | 15.6   | 23.4  |       |
| 179     | 15.7  | 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





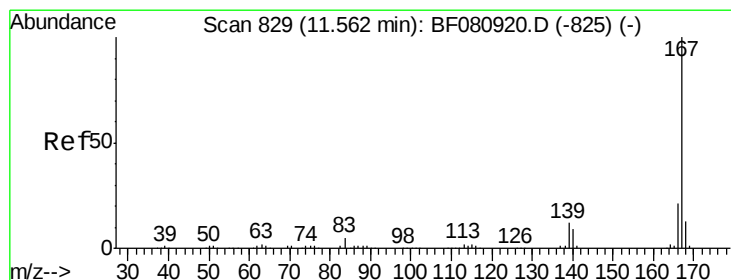
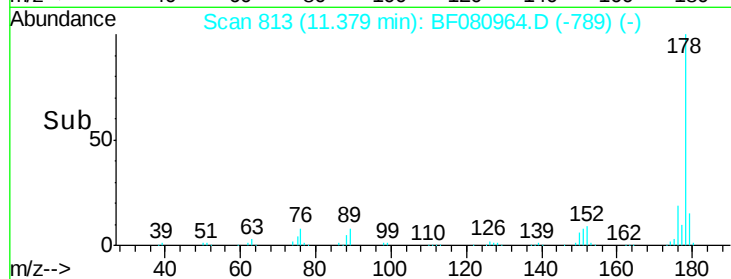
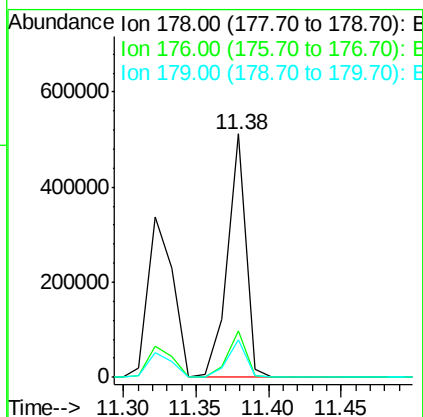
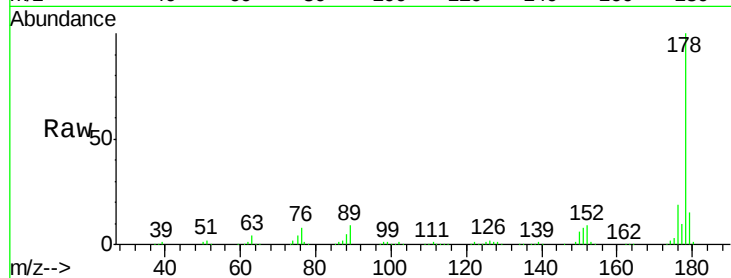
#71  
 Anthracene  
 Concen: 40.52 ng  
 RT: 11.38 min Scan# 813  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.9  | 15.5  | 23.3  |
| 179     | 15.4  | 12.6  | 18.8  |

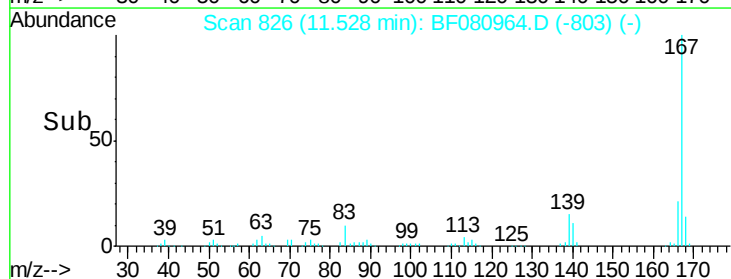
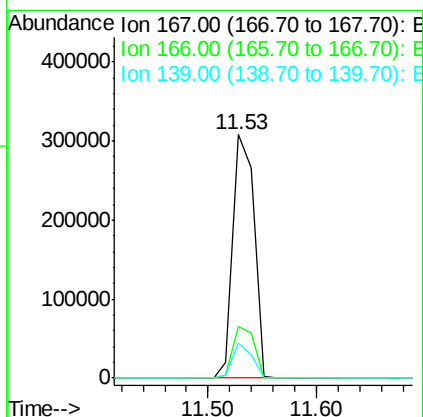
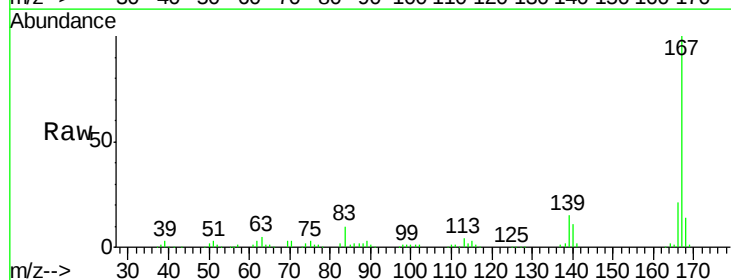
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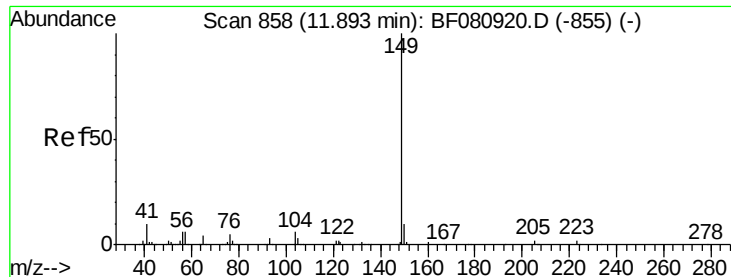
apatel  
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#72  
 Carbazole  
 Concen: 37.94 ng  
 RT: 11.53 min Scan# 826  
 Delta R.T. -0.03 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.5  | 17.1  | 25.7  |
| 139     | 14.6  | 9.2   | 13.8  |





#73

Di-n-butylphthalate

Concen: 41.93 ng

RT: 11.87 min Scan# 856

Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

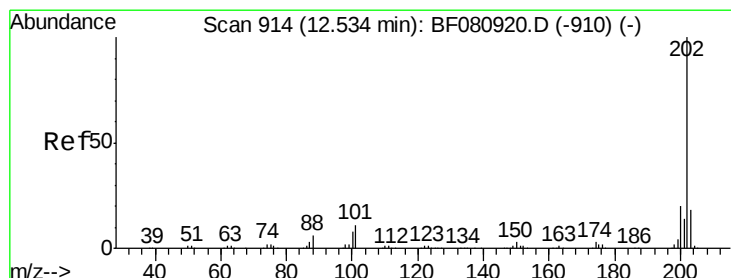
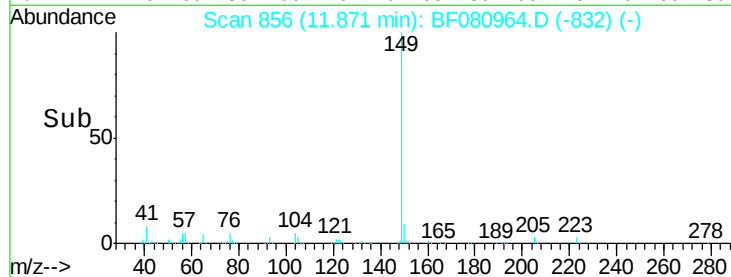
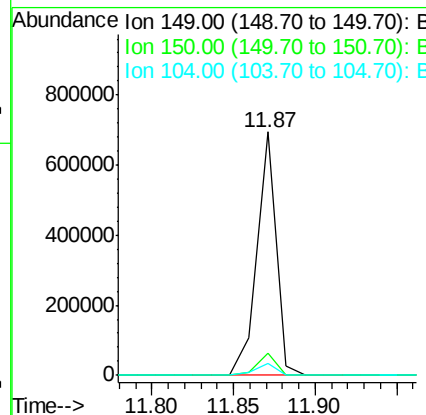
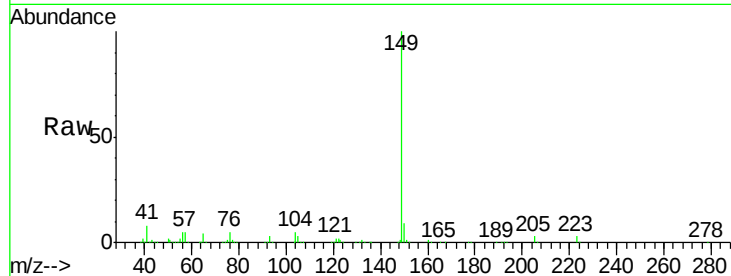
ClientSampleId :

PB84907BSD

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 569725 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.2   | 7.6   | 11.4   |
| 104       | 5.0   | 4.4   | 6.6    |



#74

Fluoranthene

Concen: 40.74 ng

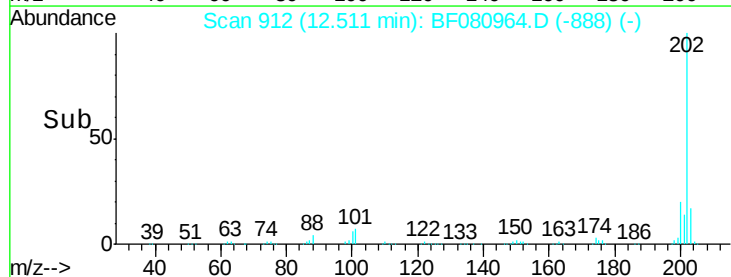
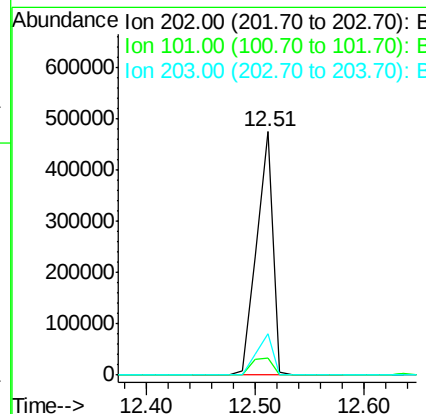
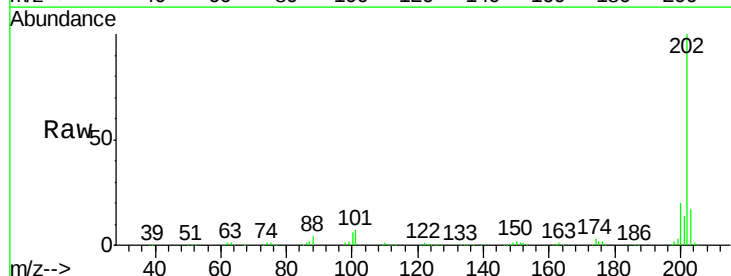
RT: 12.51 min Scan# 912

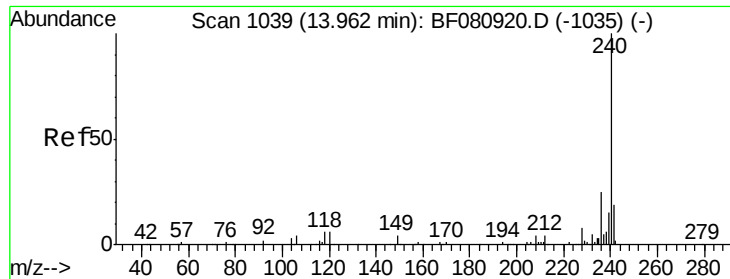
Delta R.T. -0.02 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 496464 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 7.1   | 0.0   | 30.5   |
| 203       | 17.2  | 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: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

ClientSampleId :

PB84907BSD

Tgt Ion:240 Resp: 180927  
Ion Ratio Lower Upper

240 100

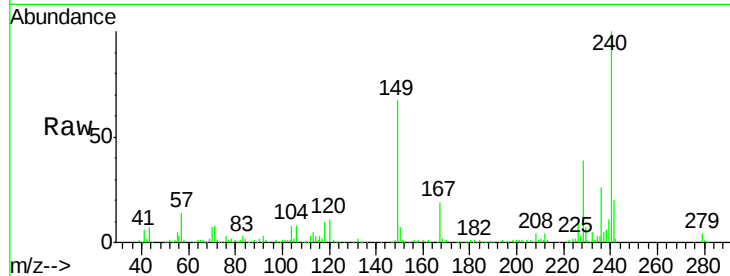
120 10.7 5.2 7.8#

236 26.1 20.2 30.4

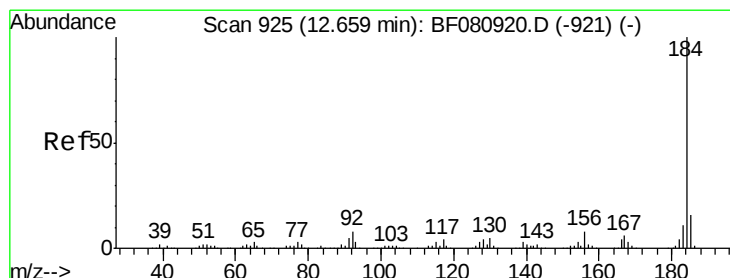
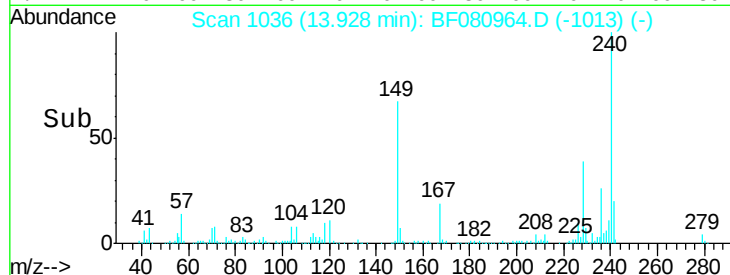
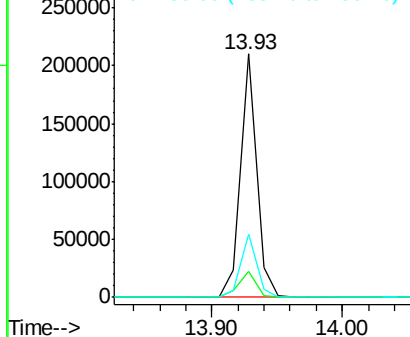
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Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 52.04 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF080964.D

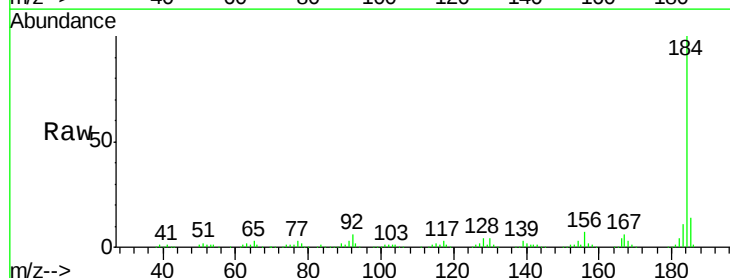
Acq: 11 Aug 2015 16:28

Tgt Ion:184 Resp: 371074  
Ion Ratio Lower Upper

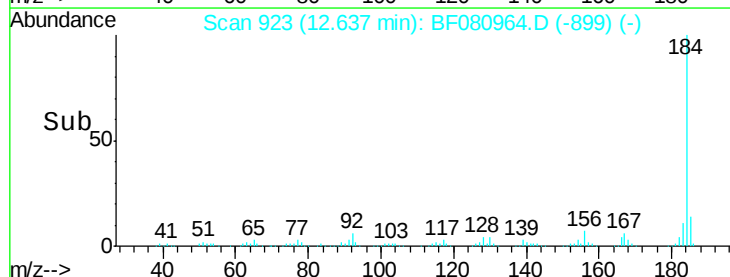
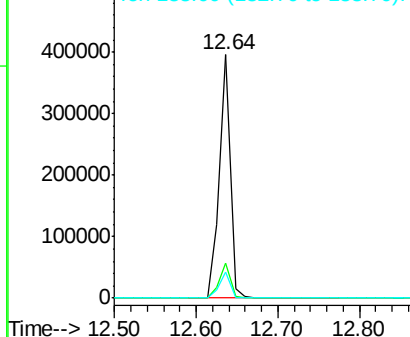
184 100

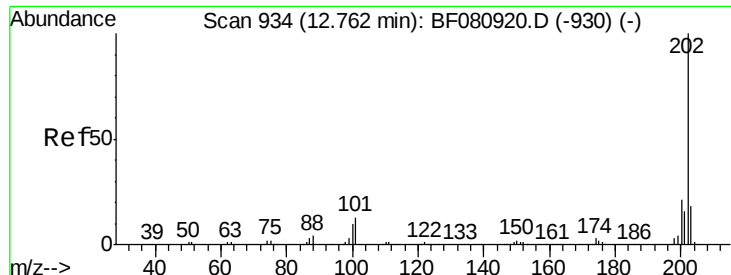
185 14.1 13.0 19.4

183 10.8 8.7 13.1



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





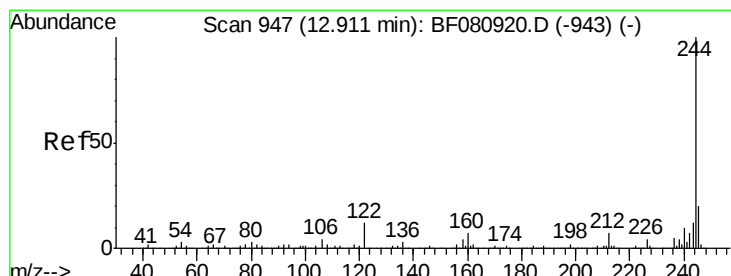
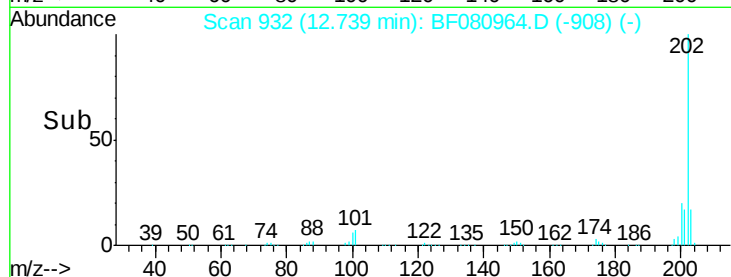
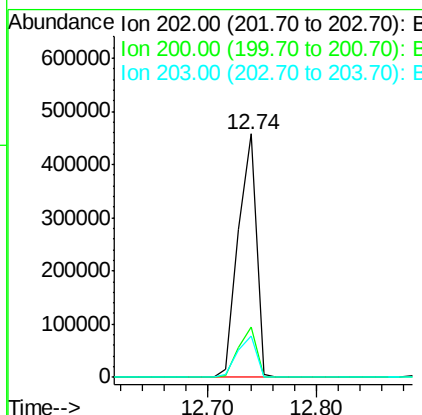
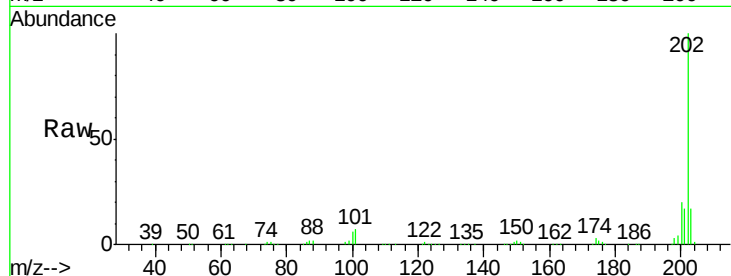
#77  
**Pyrene**  
 Concen: 38.86 ng  
 RT: 12.74 min Scan# 932  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 519382 |       |       |
| 200     | 20.4  | 16.6   | 24.8  |       |
| 203     | 17.1  | 14.2   | 21.2  |       |

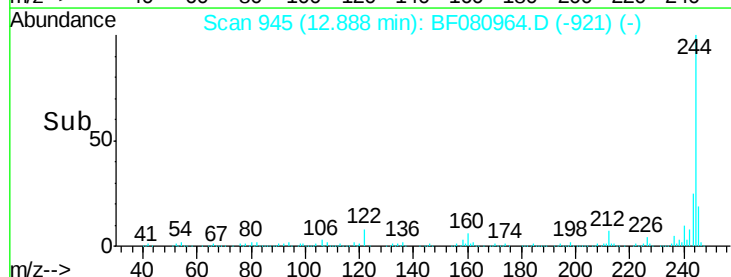
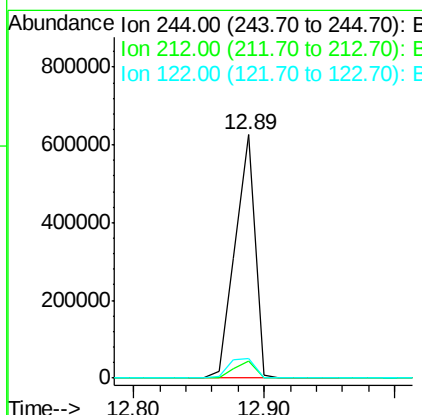
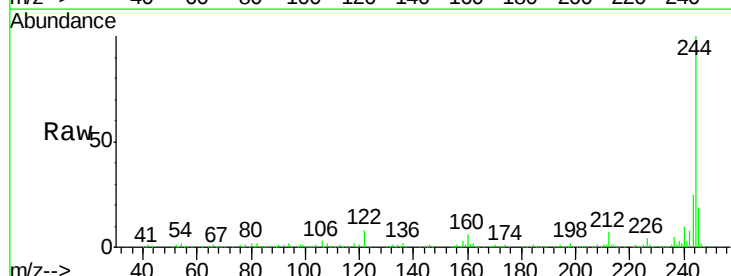
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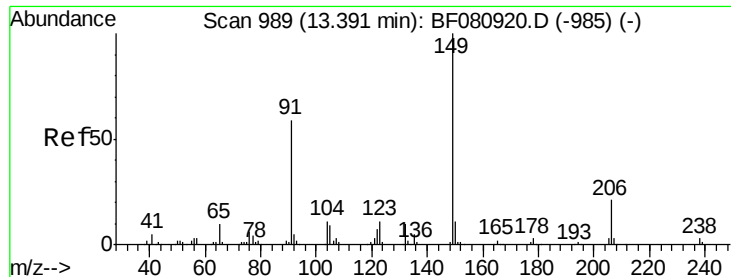
apatel  
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#78  
**Terphenyl-d14**  
 Concen: 75.11 ng  
 RT: 12.89 min Scan# 945  
 Delta R.T. -0.02 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 657913 |       |       |
| 212     | 7.1   | 5.8    | 8.8   |       |
| 122     | 8.2   | 9.4    | 14.2# |       |





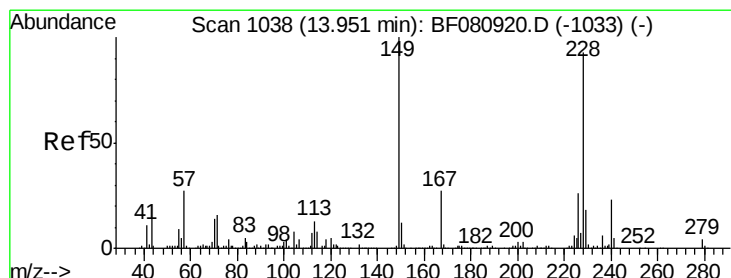
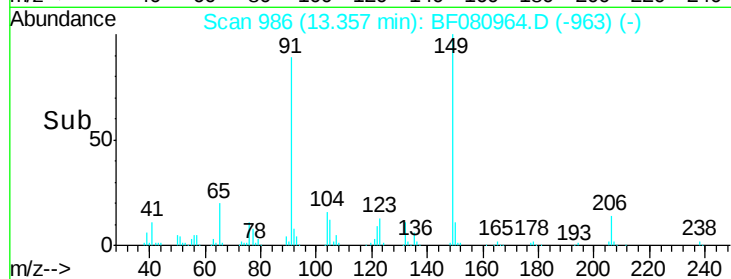
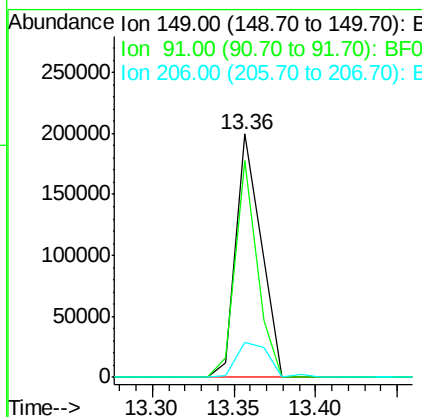
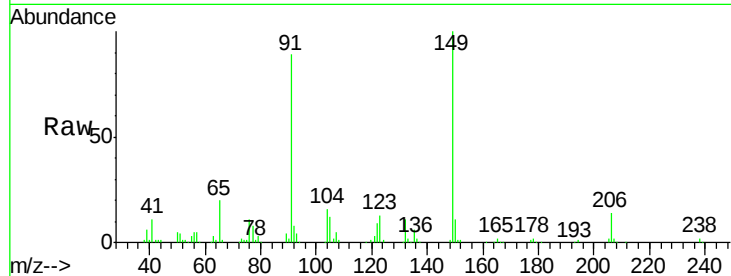
#79  
Butylbenzylphthalate  
Concen: 33.01 ng  
RT: 13.36 min Scan# 986  
Delta R.T. -0.03 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB84907BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 212695 |       |       |
| 91      | 89.0  | 47.2   | 70.8# |       |
| 206     | 14.4  | 16.5   | 24.7# |       |

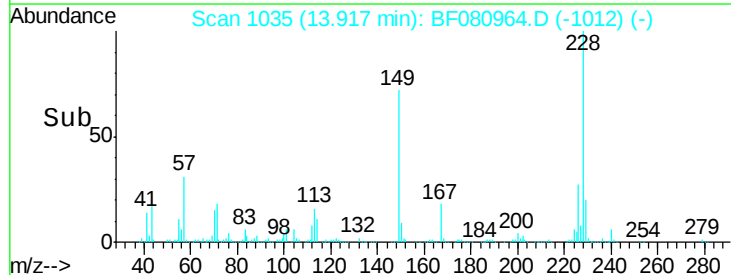
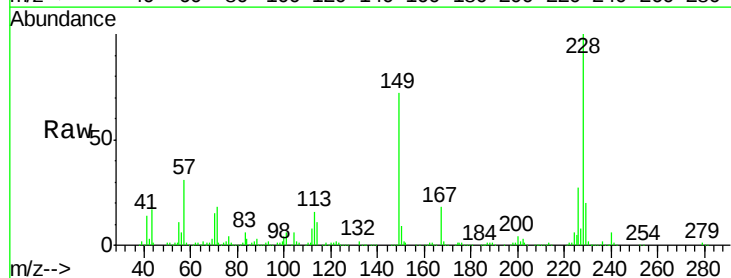
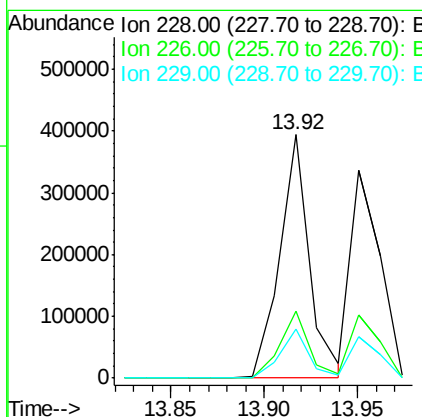
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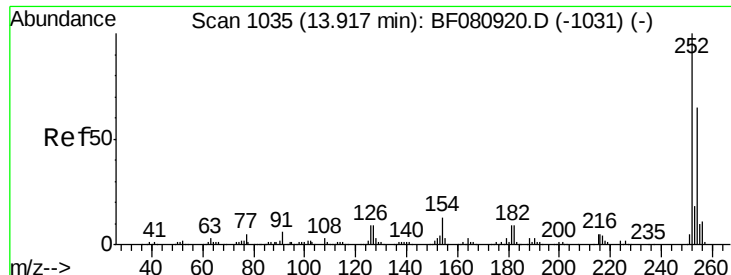
apatel  
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#80  
Benzo(a)anthracene  
Concen: 38.21 ng  
RT: 13.92 min Scan# 1035  
Delta R.T. -0.03 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 436639 |       |       |
| 226     | 27.3  | 22.2   | 33.2  |       |
| 229     | 20.0  | 15.8   | 23.6  |       |





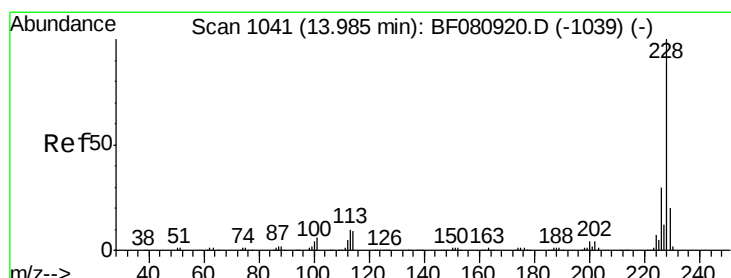
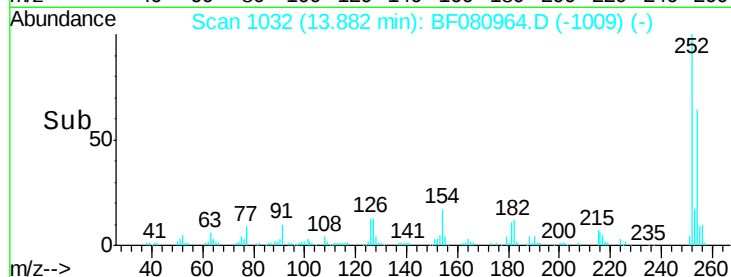
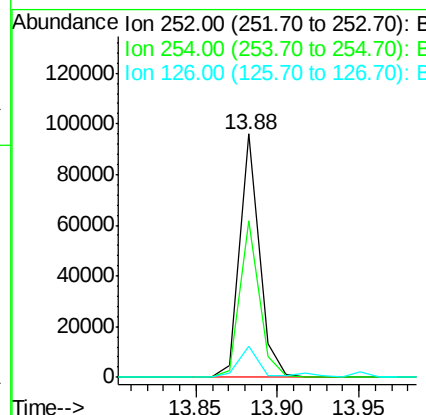
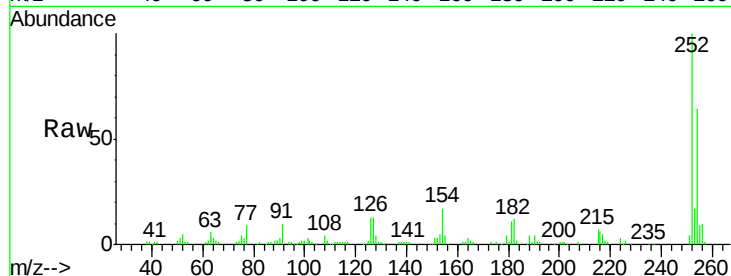
#81  
 3,3'-Dichlorobenzidine  
 Concen: 19.03 ng  
 RT: 13.88 min Scan# 1032  
 Delta R.T. -0.03 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 64.2  | 51.7       | 77.5       |
| 126     | 12.6  | 7.1        | 10.7       |

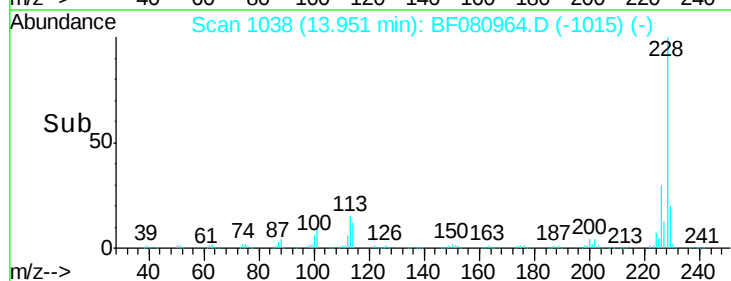
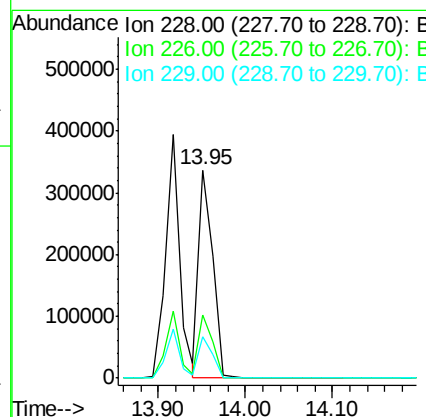
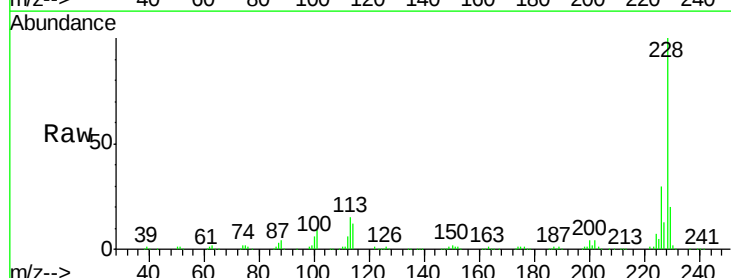
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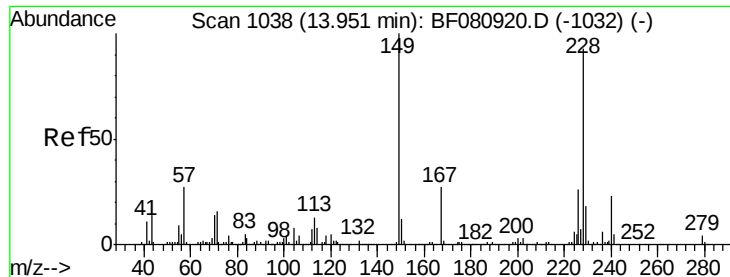
apatel  
 8/12/2015 8:33:55 AM



#82  
 Chrysene  
 Concen: 34.45 ng  
 RT: 13.95 min Scan# 1038  
 Delta R.T. -0.03 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 30.4  | 23.9       | 35.9       |
| 229     | 20.1  | 15.8       | 23.6       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.89 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.03 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

ClientSampleId :

PB84907BSD

Tgt Ion:149 Resp: 303872  
Ion Ratio Lower Upper

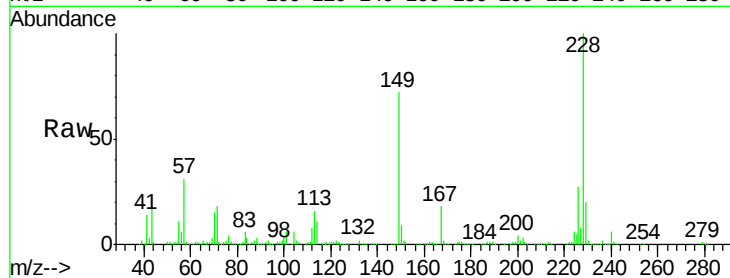
149 100

167 24.9 21.4 32.0

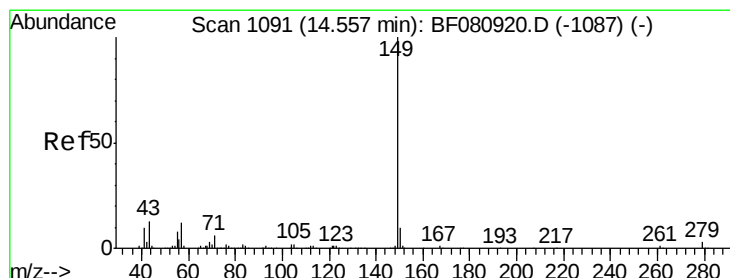
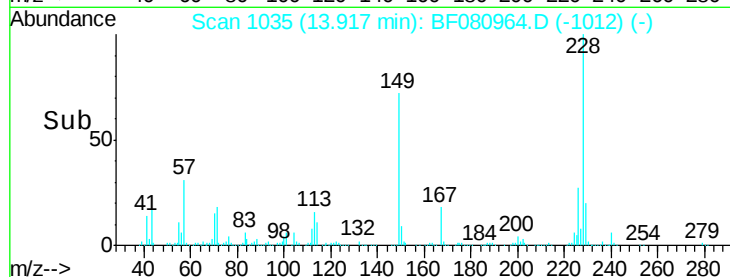
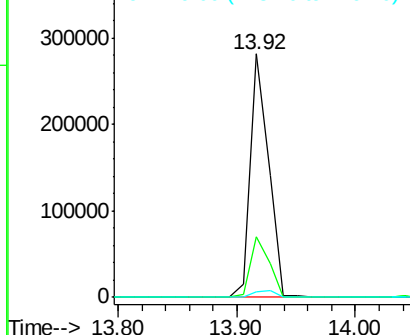
279 2.1 2.9 4.3#

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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: 34.32 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.02 min

Lab File: BF080964.D

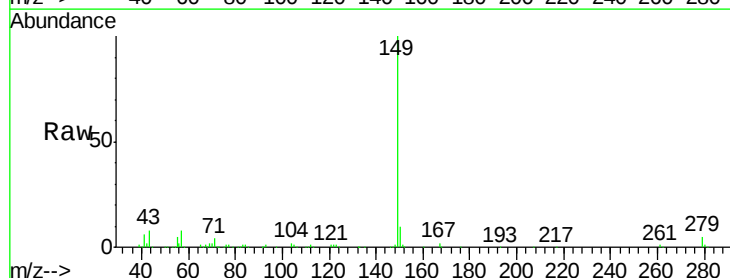
Acq: 11 Aug 2015 16:28

Tgt Ion:149 Resp: 521627  
Ion Ratio Lower Upper

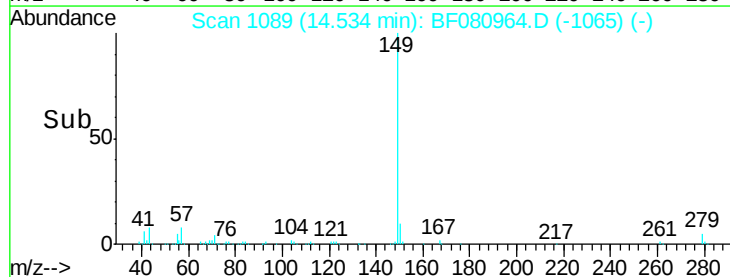
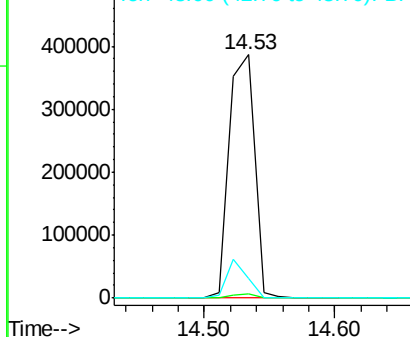
149 100

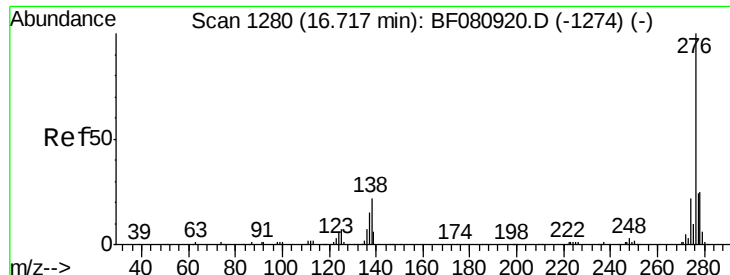
167 1.4 1.1 1.7

43 12.9 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





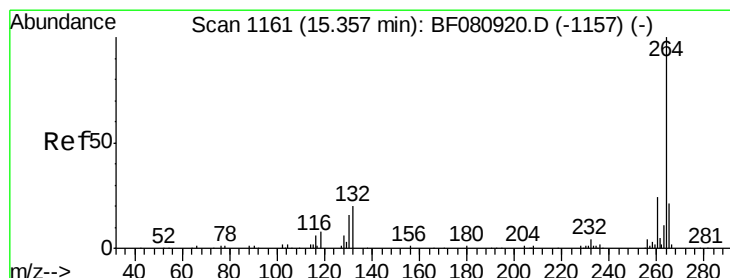
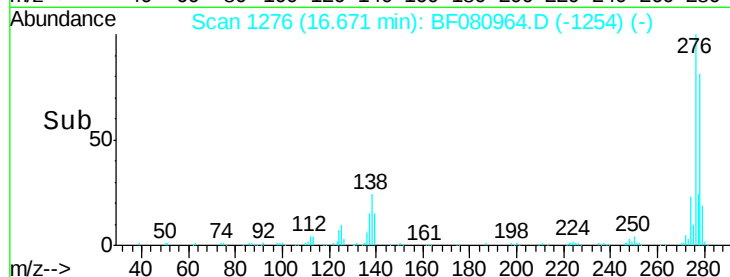
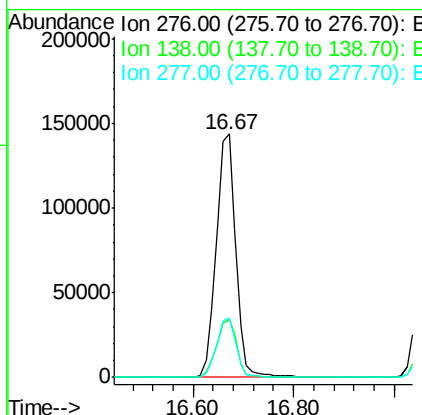
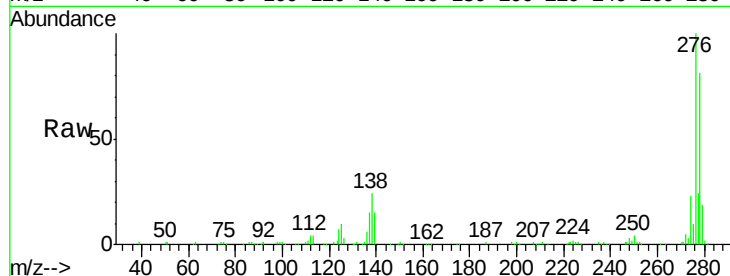
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 37.27 ng  
 RT: 16.67 min Scan# 1276  
 Delta R.T. -0.05 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 388141 |       |       |
| 138     | 24.3  | 19.9   | 29.9  |       |
| 277     | 24.3  | 19.7   | 29.5  |       |

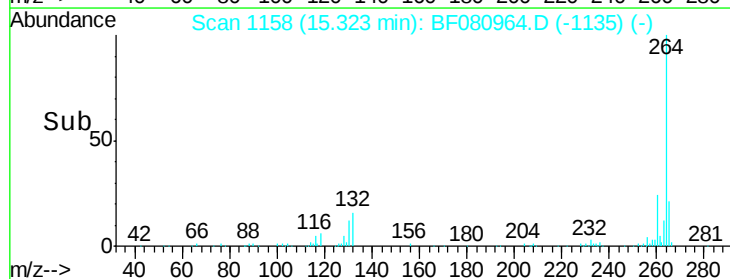
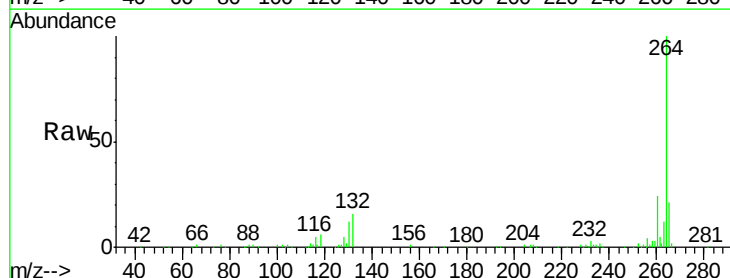
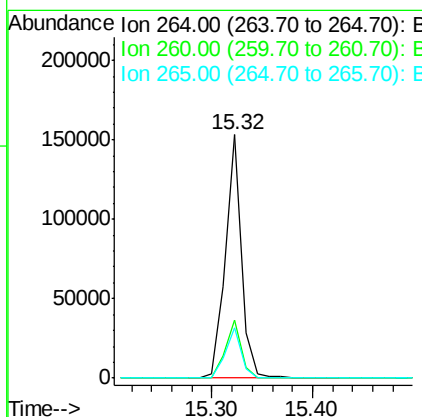
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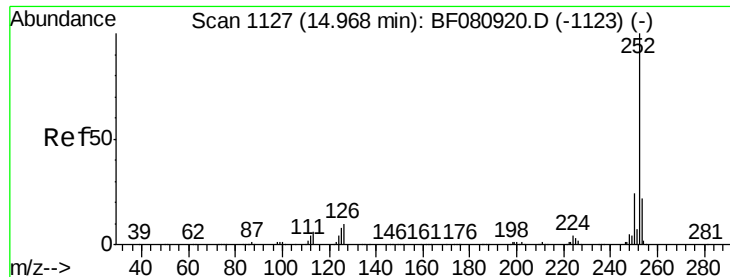
apatel  
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.32 min Scan# 1158  
 Delta R.T. -0.03 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 169465 |       |       |
| 260     | 23.8  | 19.4   | 29.0  |       |
| 265     | 20.8  | 17.0   | 25.4  |       |





#87

Benzo(b)fluoranthene

Concen: 37.59 ng m

RT: 14.93 min Scan# 1124

Delta R.T. -0.03 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

Instrument :

BNA\_F

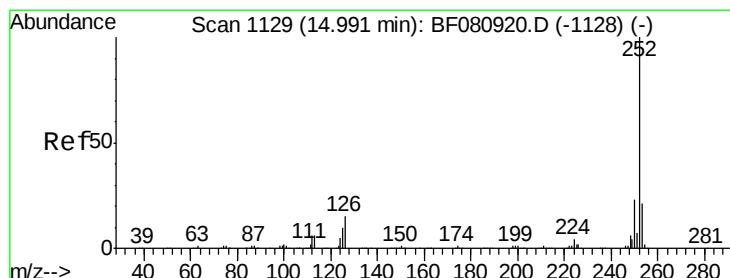
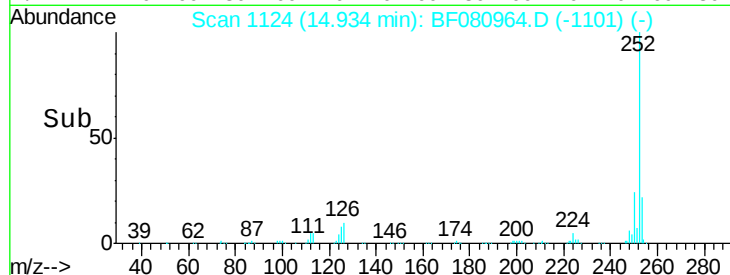
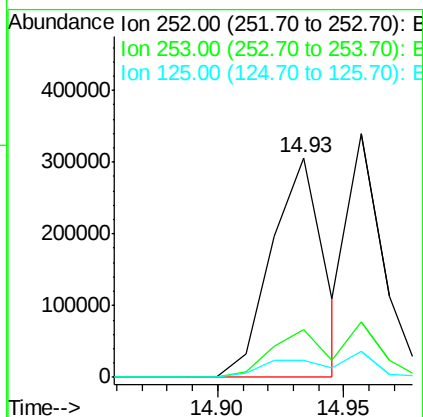
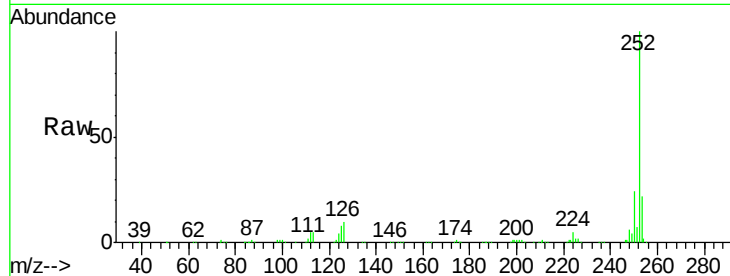
ClientSampleId :

PB84907BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 443002 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 21.9  | 17.6  | 26.4   |
| 125       | 8.0   | 6.1   | 9.1    |

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#88

Benzo(k)fluoranthene

Concen: 31.27 ng m

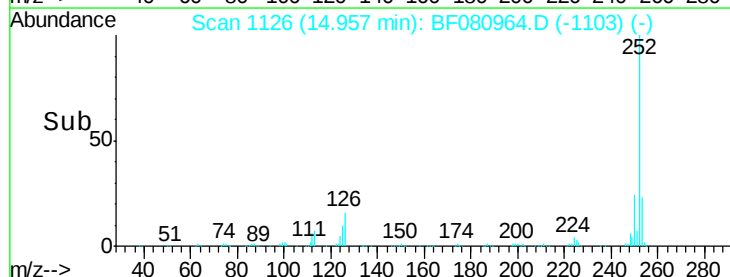
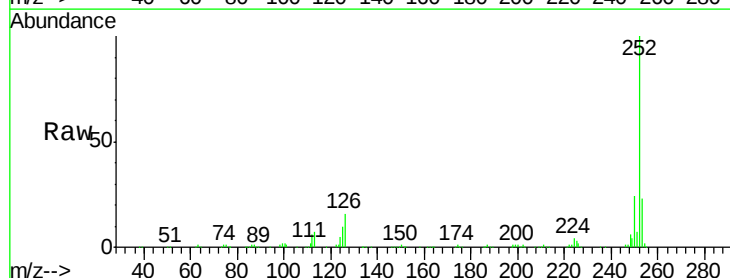
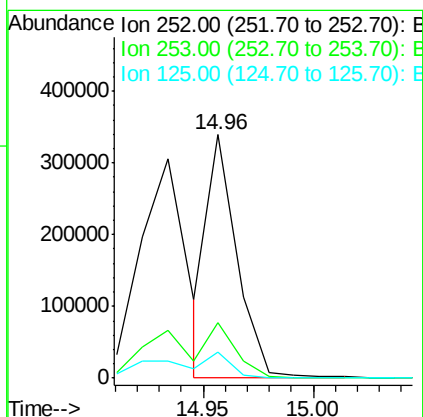
RT: 14.96 min Scan# 1126

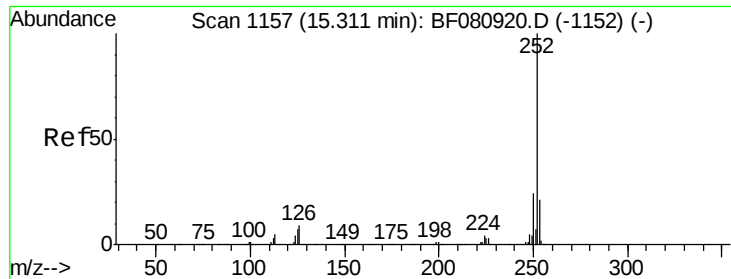
Delta R.T. -0.03 min

Lab File: BF080964.D

Acq: 11 Aug 2015 16:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 322354 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.8  | 17.4  | 26.2   |
| 125       | 10.5  | 9.0   | 13.6   |





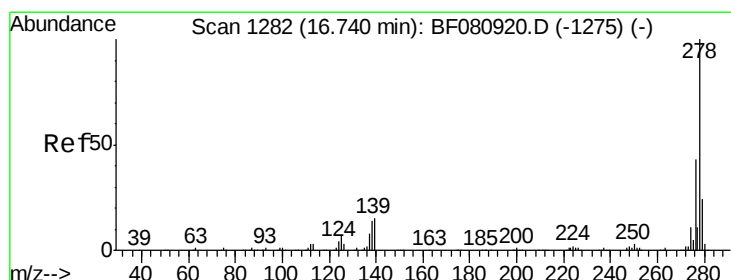
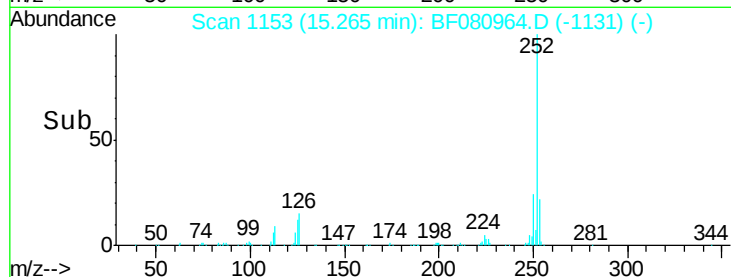
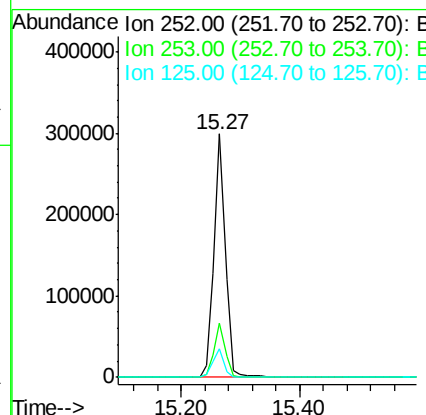
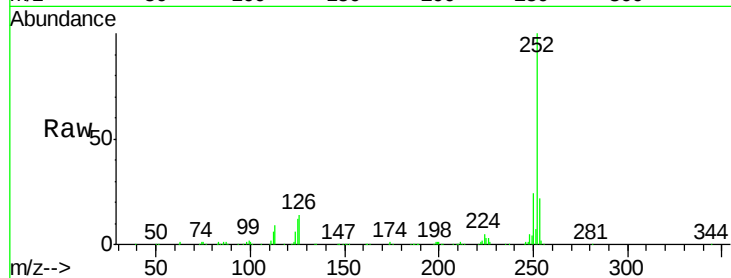
#89  
Benzo(a)pyrene  
Concen: 39.75 ng  
RT: 15.27 min Scan# 1153  
Delta R.T. -0.05 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

Instrument :  
BNA\_F  
ClientSampleId :  
PB84907BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 402603 |       |       |
| 253     | 22.1  | 16.9   | 25.3  |       |
| 125     | 11.9  | 5.8    | 8.8   |       |

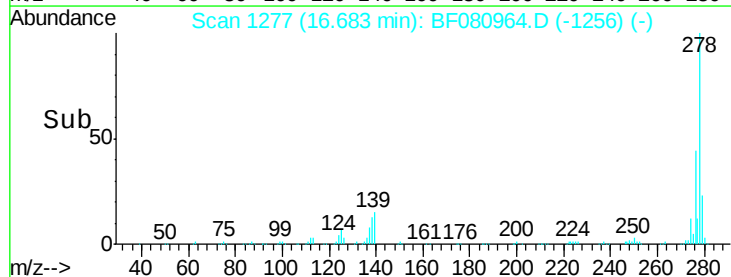
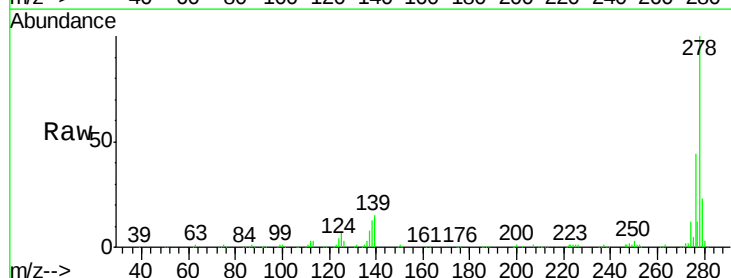
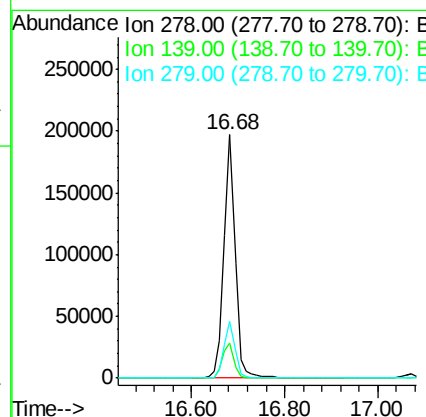
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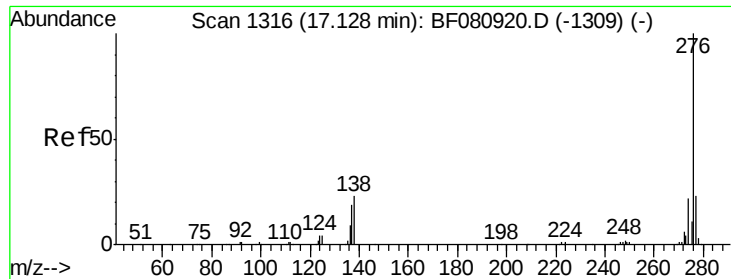
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#90  
Dibenzo(a,h)anthracene  
Concen: 36.55 ng  
RT: 16.68 min Scan# 1277  
Delta R.T. -0.06 min  
Lab File: BF080964.D  
Acq: 11 Aug 2015 16:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 278     | 100   | 327428 |       |       |
| 139     | 14.6  | 11.9   | 17.9  |       |
| 279     | 23.3  | 19.0   | 28.6  |       |





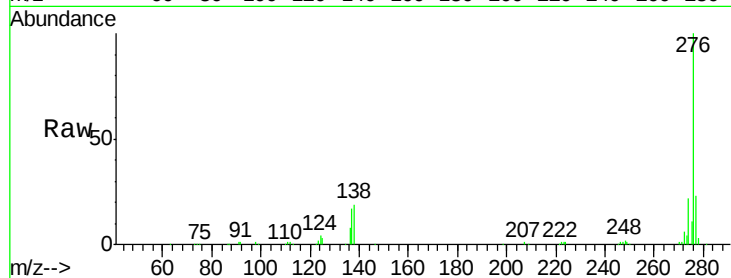
#91  
 Benzo(g,h,i)perylene  
 Concen: 33.34 ng  
 RT: 17.07 min Scan# 1311  
 Delta R.T. -0.06 min  
 Lab File: BF080964.D  
 Acq: 11 Aug 2015 16:28

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB84907BSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 277     | 23.5  | 18.6       | 28.0       |
| 138     | 19.0  | 18.4       | 27.6       |

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Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 277.00 (276.70 to 277.70): E  
 Ion 138.00 (137.70 to 138.70): E

