

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071715\  
 Data File : BF080548.D  
 Acq On : 17 Jul 2015 22:22  
 Operator : TP/UM  
 Sample : G2992-01MSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD

Manual Integrations  
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apatel  
 7/20/2015 3:44:19 PM

Quant Time: Jul 20 15:13:29 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF071715.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 20 13:29:49 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.07  | 152  | 40056    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.35  | 136  | 185574   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 10.11 | 164  | 87813    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.60 | 188  | 176955   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.42 | 240  | 170602   | 20.00 | ng    | 0.07     |
| 86) Perylene-d12          | 16.12 | 264  | 169046   | 20.00 | ng    | 0.11     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.69  | 112 | 384118 | 149.51 | ng | 0.00 |
| 7) Phenol-d6             | 6.70  | 99  | 456972 | 156.30 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.63  | 82  | 287895 | 98.91  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.90 | 330 | 123872 | 157.64 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.42  | 172 | 528707 | 84.57  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.22 | 244 | 568327 | 74.39  | ng | 0.02 |

## Target Compounds

|                                |      |     |        |       |    | Qvalue |
|--------------------------------|------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.75 | 88  | 40143  | 37.36 | ng | 87     |
| 3) Pyridine                    | 3.70 | 79  | 90526  | 44.30 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.54 | 42  | 71980  | 50.81 | ng | 97     |
| 6) Aniline                     | 6.74 | 93  | 74322  | 19.29 | ng | # 87   |
| 8) 2-Chlorophenol              | 6.85 | 128 | 132636 | 49.48 | ng | 98     |
| 9) Benzaldehyde                | 6.62 | 77  | 44541  | 26.98 | ng | 94     |
| 10) Phenol                     | 6.73 | 94  | 155872 | 46.10 | ng | 85     |
| 11) bis(2-Chloroethyl)ether    | 6.80 | 93  | 122619 | 47.98 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.00 | 146 | 139243 | 46.15 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.08 | 146 | 151794 | 45.68 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 7.24 | 146 | 137163 | 44.89 | ng | 98     |
| 15) Benzyl Alcohol             | 7.22 | 79  | 91290  | 48.91 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.33 | 45  | 201576 | 46.36 | ng | 97     |
| 17) 2-Methylphenol             | 7.33 | 107 | 97189  | 47.54 | ng | 96     |
| 18) Hexachloroethane           | 7.58 | 117 | 45068  | 42.32 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 7.47 | 70  | 83268  | 47.37 | ng | 98     |
| 20) 3+4-Methylphenols          | 7.48 | 107 | 150382 | 50.95 | ng | 99     |
| 22) Acetophenone               | 7.47 | 105 | 173662 | 43.60 | ng | 99     |
| 24) Nitrobenzene               | 7.65 | 77  | 127366 | 38.72 | ng | 96     |
| 25) Isophorone                 | 7.88 | 82  | 246308 | 44.33 | ng | 99     |
| 26) 2-Nitrophenol              | 7.97 | 139 | 68688  | 42.56 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 8.01 | 122 | 126650 | 45.82 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 8.09 | 93  | 133847 | 43.51 | ng | # 95   |
| 29) 2,4-Dichlorophenol         | 8.21 | 162 | 113400 | 48.45 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.29 | 180 | 120523 | 40.28 | ng | 100    |
| 31) Naphthalene                | 8.37 | 128 | 399916 | 43.54 | ng | 100    |
| 32) Benzoic acid               | 8.09 | 122 | 20366  | 21.38 | ng | 96     |
| 33) 4-Chloroaniline            | 8.43 | 127 | 58502  | 15.99 | ng | 95     |
| 34) Hexachlorobutadiene        | 8.49 | 225 | 57583  | 41.27 | ng | 99     |
| 35) Caprolactam                | 8.76 | 113 | 29622  | 50.32 | ng | # 88   |
| 36) 4-Chloro-3-methylphenol    | 8.91 | 107 | 121589 | 50.42 | ng | 99     |
| 37) 2-Methylnaphthalene        | 9.06 | 142 | 254209 | 45.09 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.23 | 216 | 115853 | 41.72 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.22 | 237 | 118964 | 91.01 | ng | 99     |

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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.34  | 196  | 78690    | 49.20 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.39  | 196  | 84242    | 48.21 | ng    | 96       |
| 45) 1,1'-Biphenyl              | 9.53  | 154  | 311826   | 42.83 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.55  | 162  | 237728   | 44.32 | ng    | 99       |
| 47) 2-Nitroaniline             | 9.65  | 65   | 64635    | 47.26 | ng    | 99       |
| 48) Acenaphthylene             | 9.97  | 152  | 397790   | 44.78 | ng    | 99       |
| 49) Dimethylphthalate          | 9.82  | 163  | 416452   | 71.27 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.89  | 165  | 58723    | 48.70 | ng    | # 42     |
| 51) Acenaphthene               | 10.14 | 154  | 254052   | 46.80 | ng    | 99       |
| 52) 3-Nitroaniline             | 10.06 | 138  | 33410    | 27.65 | ng    | 92       |
| 53) 2,4-Dinitrophenol          | 10.17 | 184  | 49971    | 76.42 | ng    | # 83     |
| 54) Dibenzofuran               | 10.32 | 168  | 347596   | 45.99 | ng    | 98       |
| 55) 4-Nitrophenol              | 10.24 | 139  | 111351   | 98.73 | ng    | 89       |
| 56) 2,4-Dinitrotoluene         | 10.29 | 165  | 90001    | 50.96 | ng    | 96       |
| 57) Fluorene                   | 10.66 | 166  | 278871   | 46.56 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.44 | 232  | 61852    | 50.59 | ng    | 95       |
| 59) Diethylphthalate           | 10.52 | 149  | 276332   | 50.09 | ng    | 100      |
| 60) 4-Chlorophenyl-phenylether | 10.65 | 204  | 122812   | 45.78 | ng    | 95       |
| 61) 4-Nitroaniline             | 10.68 | 138  | 66989    | 46.84 | ng    | 97       |
| 62) Azobenzene                 | 10.81 | 77   | 270161   | 48.67 | ng    | # 77     |
| 64) 4,6-Dinitro-2-methylphenol | 10.70 | 198  | 38050    | 45.46 | ng    | 97       |
| 65) n-Nitrosodiphenylamine     | 10.76 | 169  | 248097   | 42.56 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 11.14 | 248  | 68567    | 42.27 | ng    | 95       |
| 67) Hexachlorobenzene          | 11.21 | 284  | 81259    | 41.31 | ng    | 93       |
| 68) Atrazine                   | 11.29 | 200  | 72080    | 52.24 | ng    | 86       |
| 69) Pentachlorophenol          | 11.41 | 266  | 76321    | 74.00 | ng    | 94       |
| 70) Phenanthrene               | 11.62 | 178  | 400114   | 41.50 | ng    | 98       |
| 71) Anthracene                 | 11.68 | 178  | 413002   | 44.10 | ng    | 99       |
| 72) Carbazole                  | 11.84 | 167  | 379523   | 45.24 | ng    | 98       |
| 73) Di-n-butylphthalate        | 12.14 | 149  | 428497   | 47.40 | ng    | 99       |
| 74) Fluoranthene               | 12.83 | 202  | 416322   | 46.19 | ng    | 98       |
| 76) Benzidine                  | 12.97 | 184  | 99573    | 21.81 | ng    | 98       |
| 77) Pyrene                     | 13.07 | 202  | 429276   | 38.99 | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.73 | 149  | 170195   | 45.97 | ng    | # 84     |
| 80) Benzo(a)anthracene         | 14.41 | 228  | 419520   | 44.18 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.36 | 252  | 71353    | 23.79 | ng    | # 98     |
| 82) Chrysene                   | 14.44 | 228  | 394035   | 41.41 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.37 | 149  | 247244   | 44.92 | ng    | # 95     |
| 84) Di-n-octyl phthalate       | 15.13 | 149  | 402216   | 48.11 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.71 | 276  | 456414   | 46.56 | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 15.65 | 252  | 402770m  | 38.44 | ng    |          |
| 88) Benzo(k)fluoranthene       | 15.69 | 252  | 429046m  | 47.29 | ng    |          |
| 89) Benzo(a)pyrene             | 16.05 | 252  | 402695   | 45.10 | ng    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 17.72 | 278  | 388428   | 44.18 | ng    | 100      |
| 91) Benzo(g,h,i)perylene       | 18.19 | 276  | 405500   | 45.69 | ng    | 98       |

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

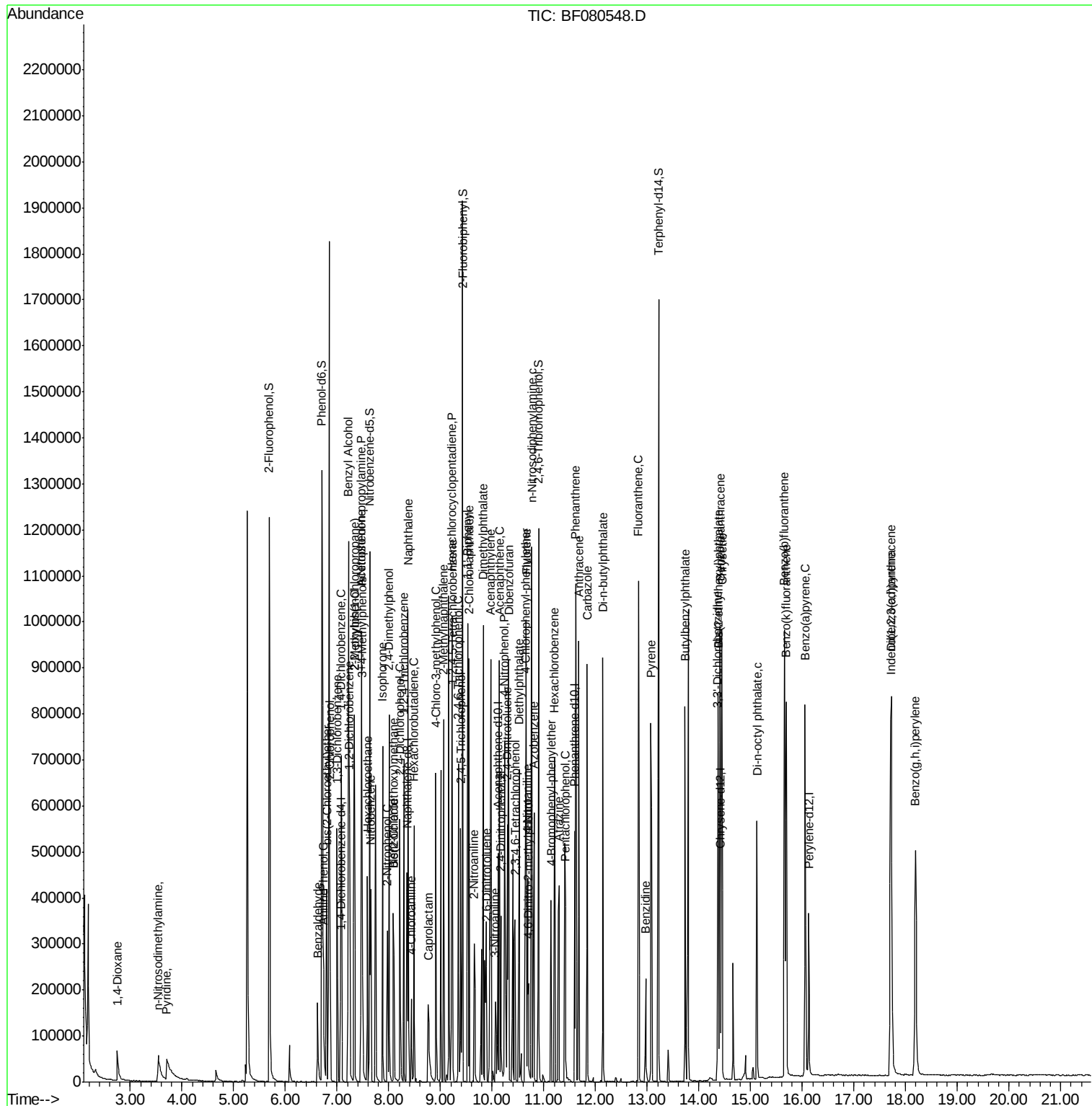
Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF071715\  
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ALS Vial : 14 Sample Multiplier: 1

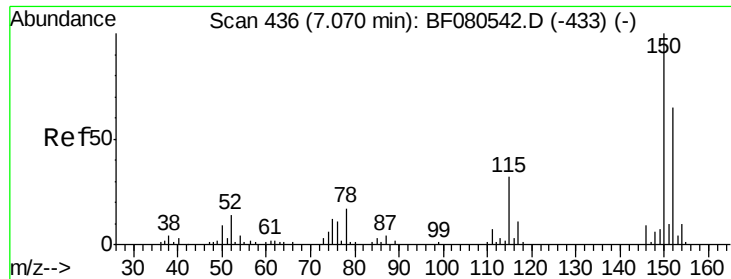
Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-I5-I6-I7-I8MSD

Manual Integrations  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.07 min Scan# 436

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

ClientSampleId :

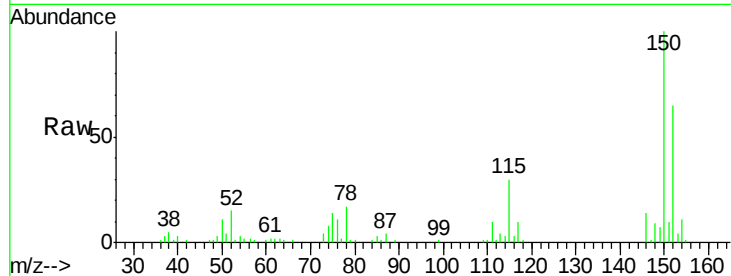
FK-BPM-02-I5-I6-I7-I8MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 40056 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 154.5 | 123.0 | 184.4 |
| 115       | 46.9  | 39.9  | 59.9  |

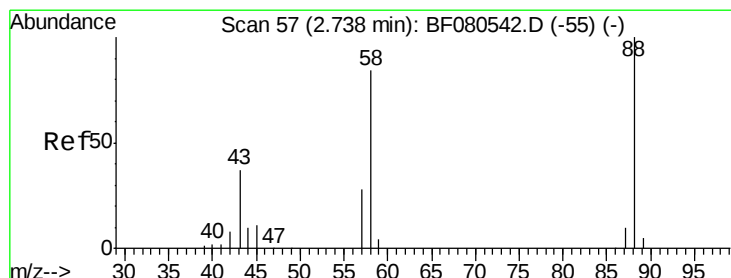
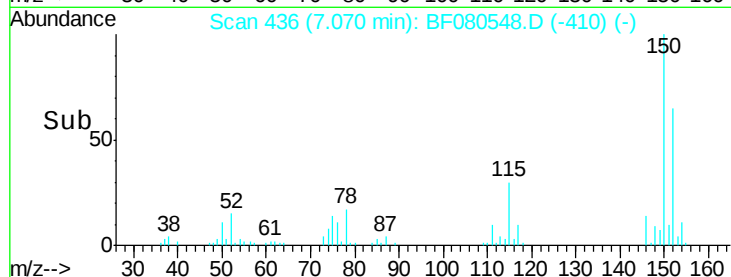
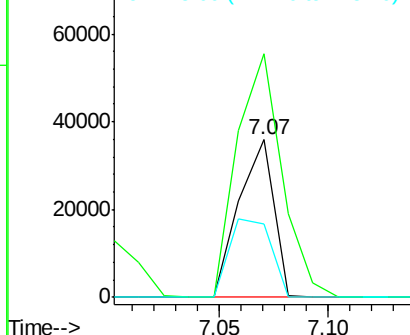
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.36 ng

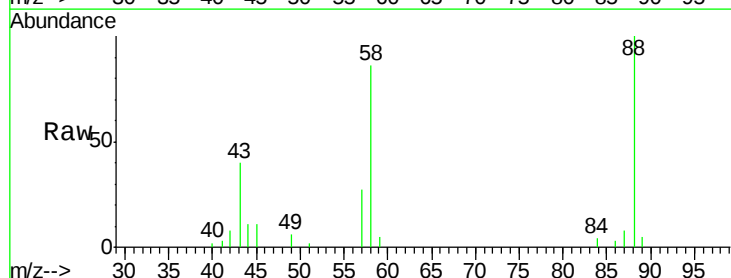
RT: 2.75 min Scan# 58

Delta R.T. 0.01 min

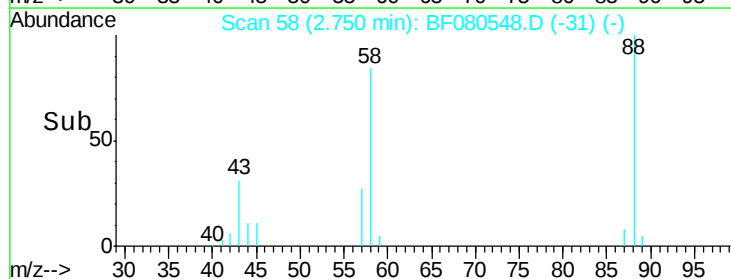
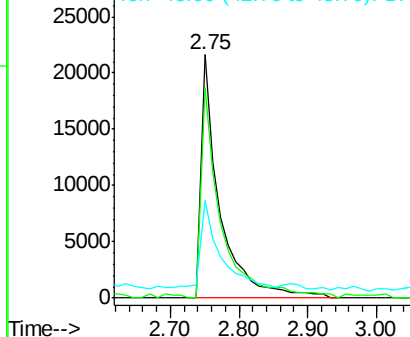
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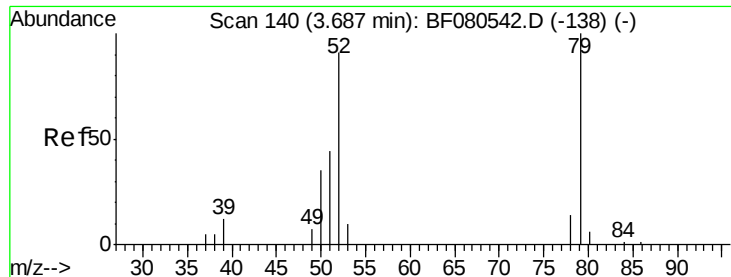
Acq: 17 Jul 2015 22:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 40143 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 92.9  | 63.4  | 95.0  |
| 43        | 37.5  | 27.1  | 40.7  |



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: 44.30 ng

RT: 3.70 min Scan# 141

Delta R.T. 0.01 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

ClientSampleId :

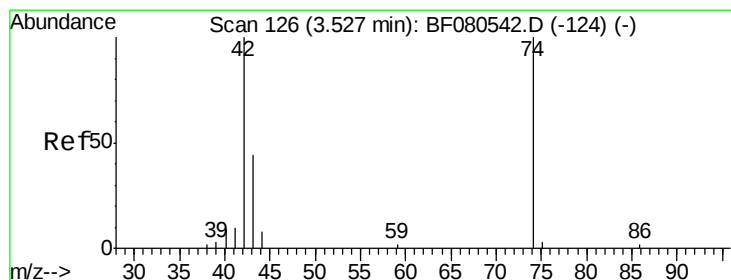
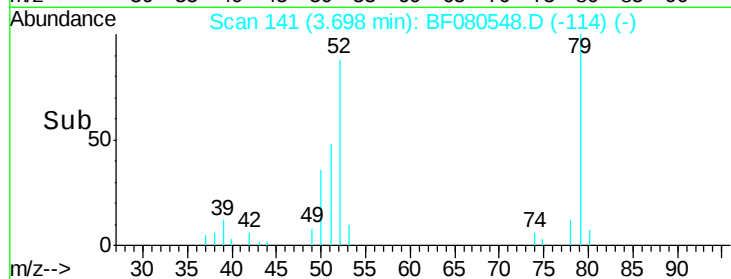
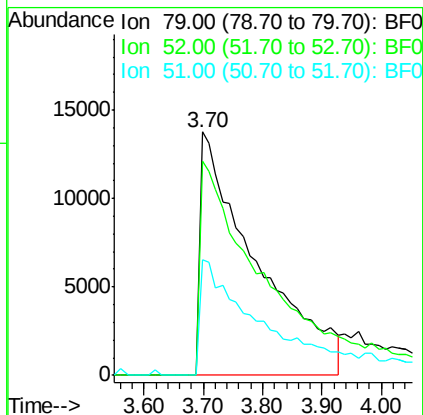
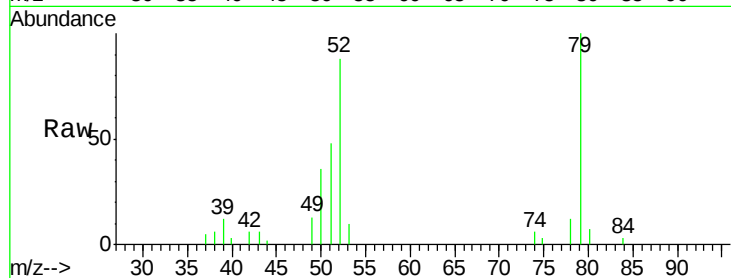
FK-BPM-02-I5-I6-I7-I8MSD

Manual Integrations  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 90526 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 87.7  | 72.5  | 108.7 |
| 51       | 47.5  | 37.1  | 55.7  |



#4

n-Nitrosodimethylamine

Concen: 50.81 ng

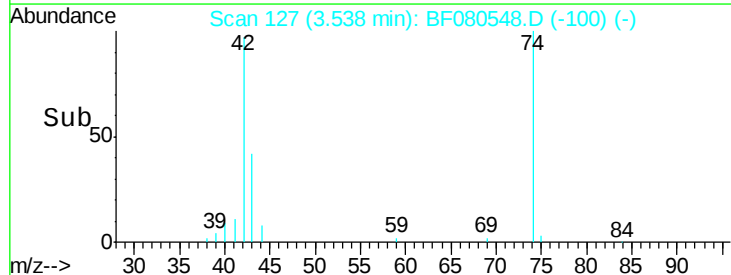
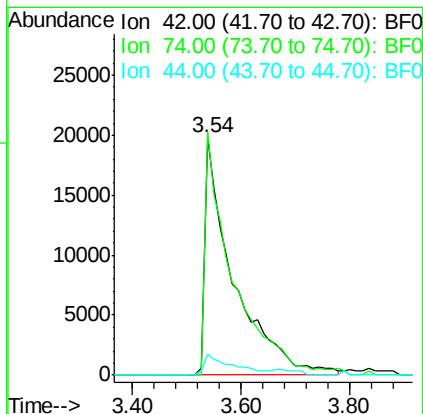
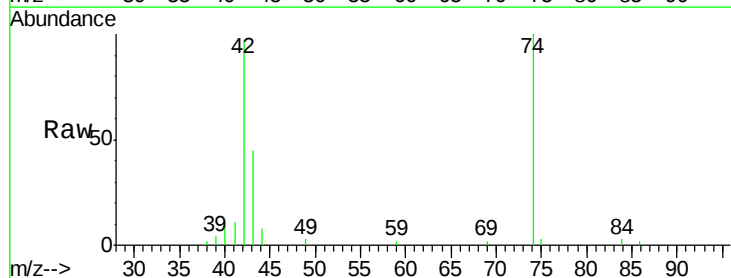
RT: 3.54 min Scan# 127

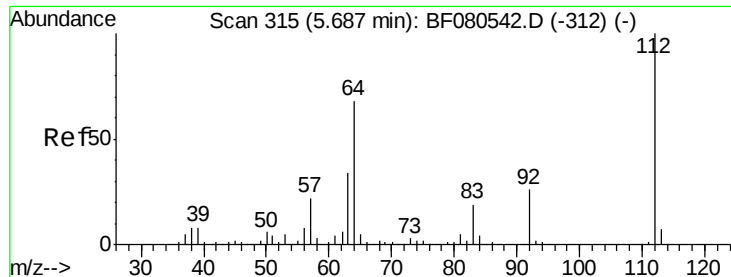
Delta R.T. 0.01 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 71980 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 102.6 | 79.9  | 119.9 |
| 44       | 8.6   | 6.6   | 9.8   |





#5

2-Fluorophenol

Concen: 149.51 ng

RT: 5.69 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF080548.D

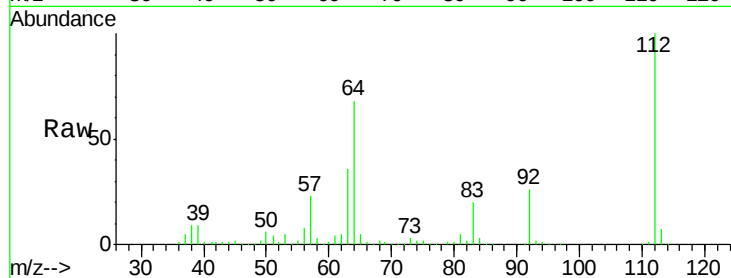
Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

ClientSampleId :

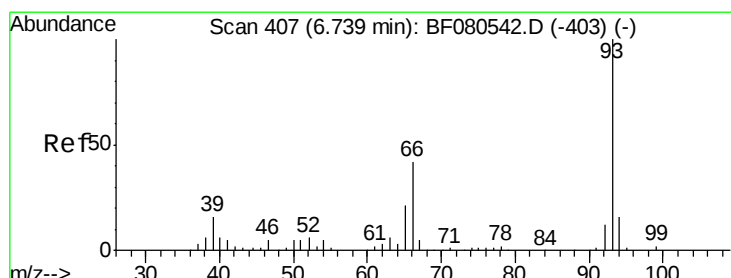
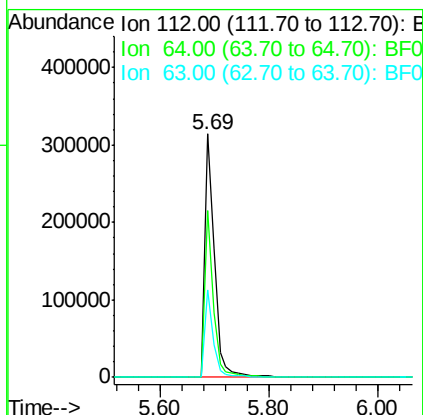
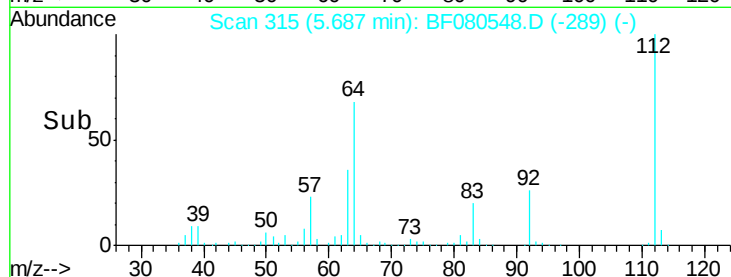
FK-BPM-02-I5-I6-I7-I8MSD



| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 112     | 100   |            |            |
| 64      | 68.3  | 54.1       | 81.1       |
| 63      | 36.0  | 27.6       | 41.4       |

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#6

Aniline

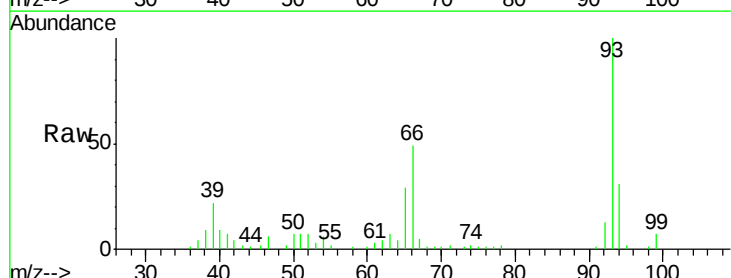
Concen: 19.29 ng

RT: 6.74 min Scan# 407

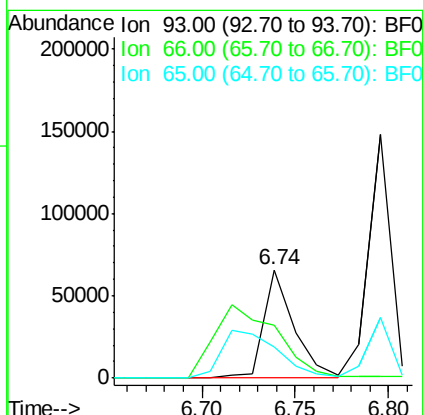
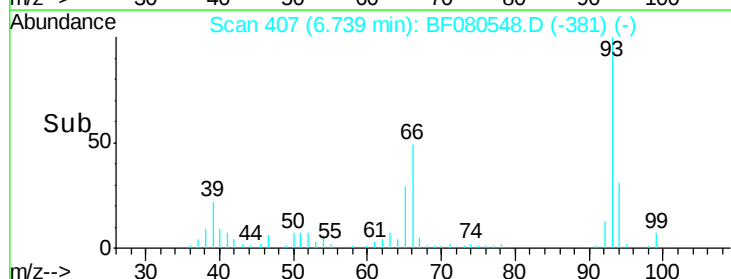
Delta R.T. -0.00 min

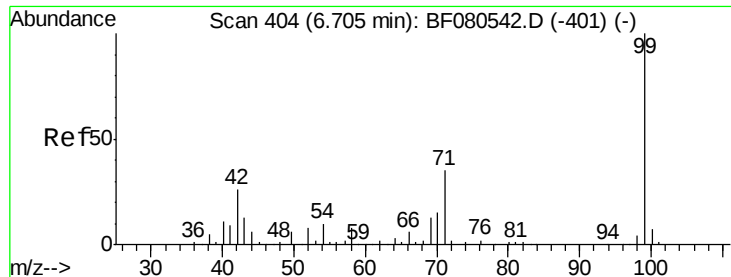
Lab File: BF080548.D

Acq: 17 Jul 2015 22:22



| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 93      | 100   |            |            |
| 66      | 48.6  | 33.3       | 49.9       |
| 65      | 28.8  | 16.9       | 25.3       |





#7

Phenol-d6

Concen: 156.30 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.00 min

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Instrument :

BNA\_F

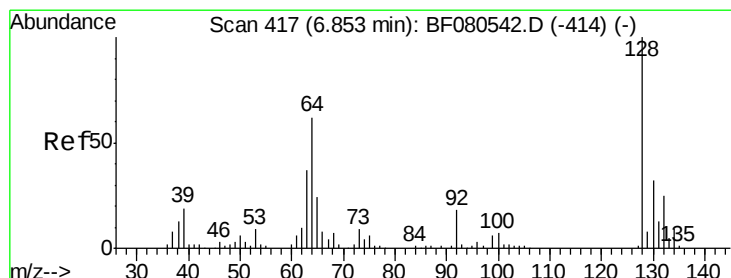
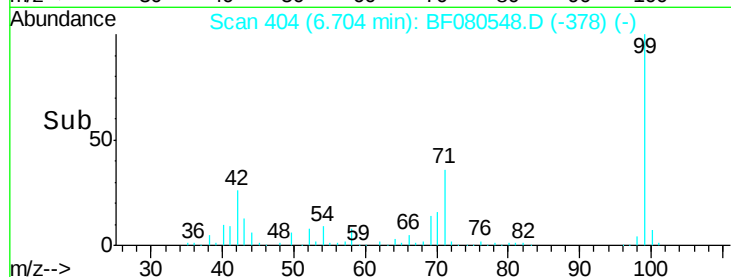
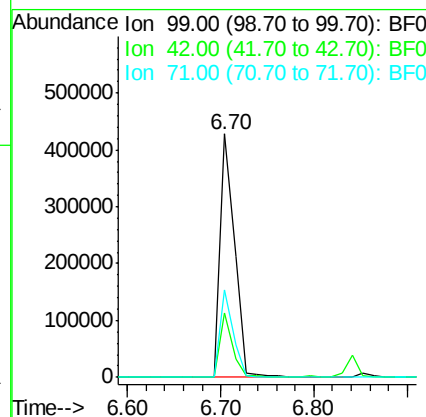
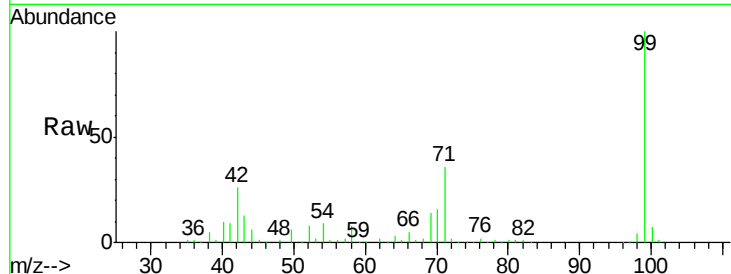
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 456972 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 26.2  | 21.0  | 31.4   |
| 71        | 36.1  | 28.4  | 42.6   |

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#8

2-Chlorophenol

Concen: 49.48 ng

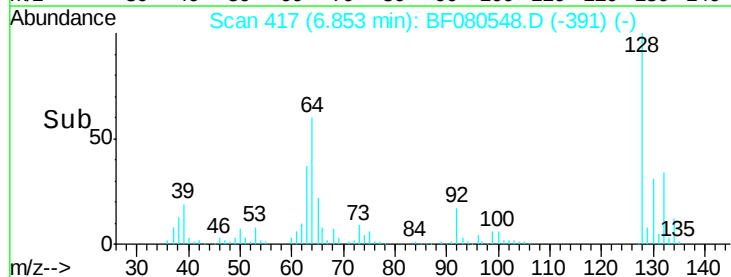
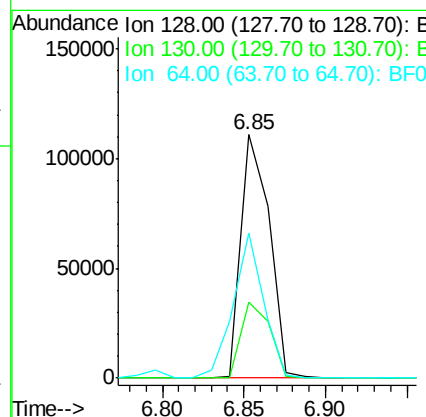
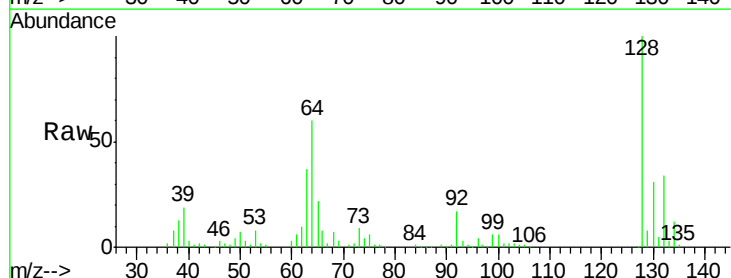
RT: 6.85 min Scan# 417

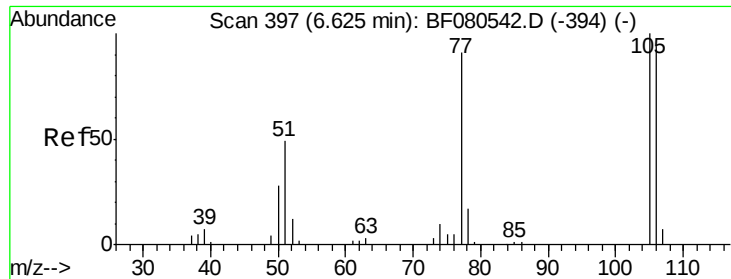
Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 132636 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.0  | 11.7  | 51.7   |
| 64        | 59.5  | 41.6  | 81.6   |





#9

Benzaldehyde

Concen: 26.98 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

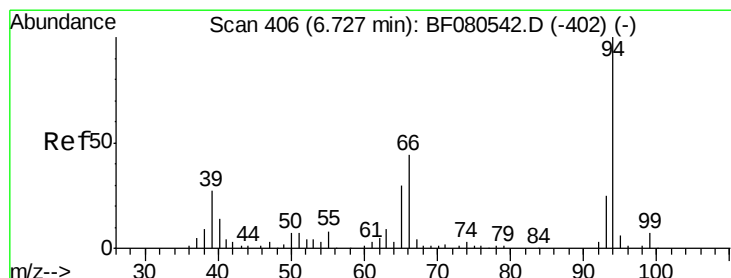
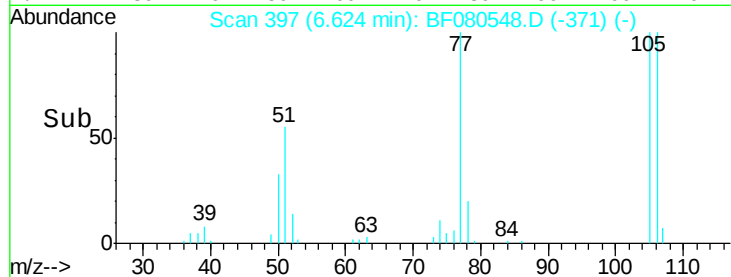
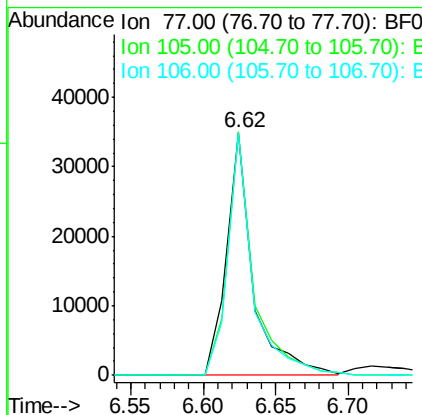
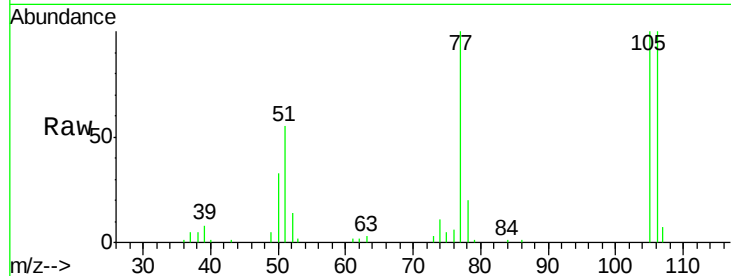
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 44541 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 100.4 | 90.0  | 130.0 |
| 106      | 100.1 | 83.5  | 123.5 |

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#10

Phenol

Concen: 46.10 ng

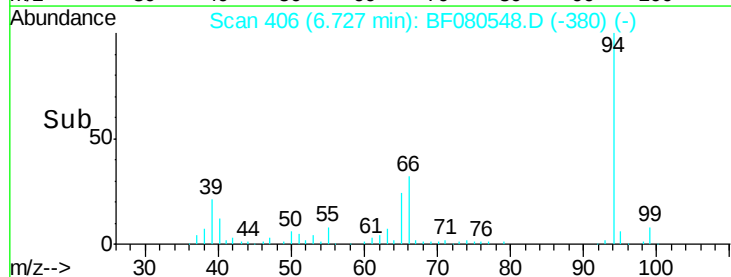
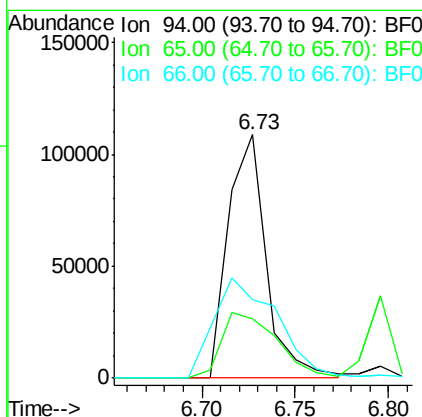
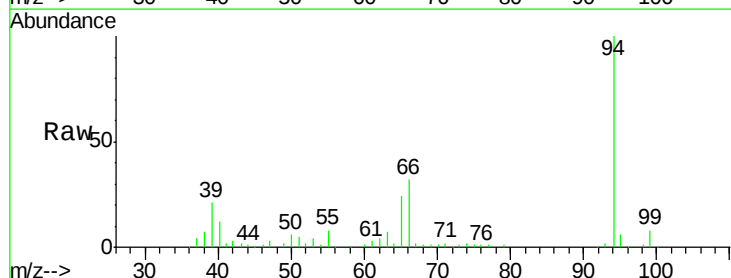
RT: 6.73 min Scan# 406

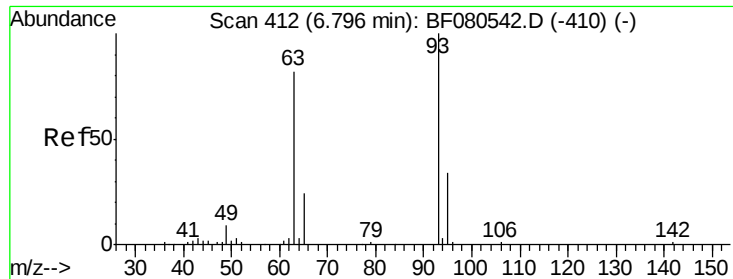
Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 155872 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 24.4  | 10.4  | 50.4   |
| 66       | 32.2  | 24.2  | 64.2   |





#11

bis(2-Chloroethyl)ether

Concen: 47.98 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

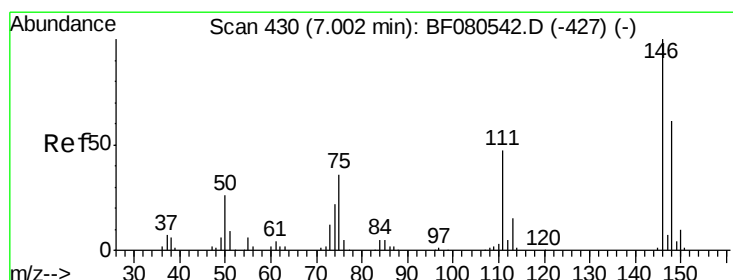
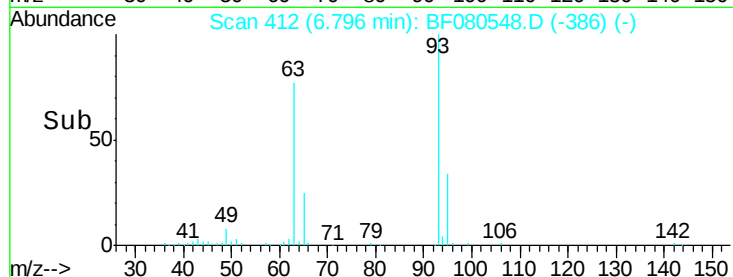
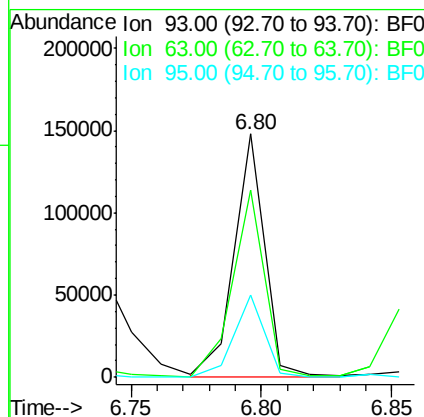
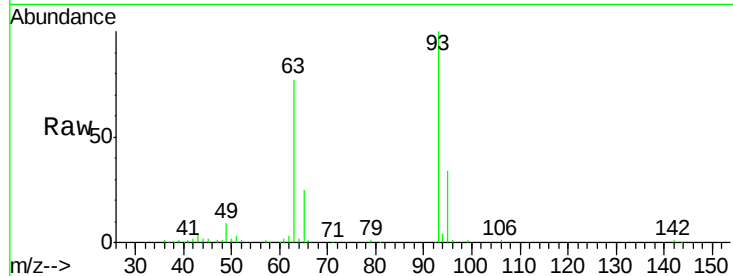
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 122619 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 76.9  | 60.3  | 100.3  |
| 95        | 33.9  | 13.7  | 53.7   |

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#12

1,3-Dichlorobenzene

Concen: 46.15 ng

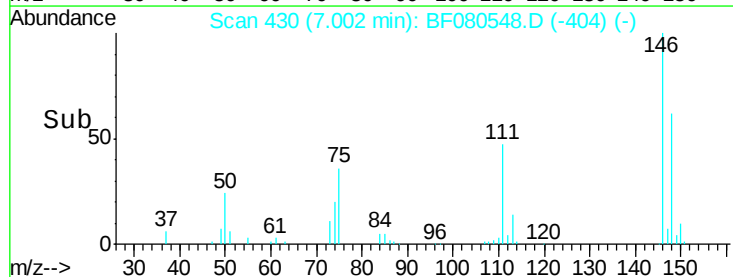
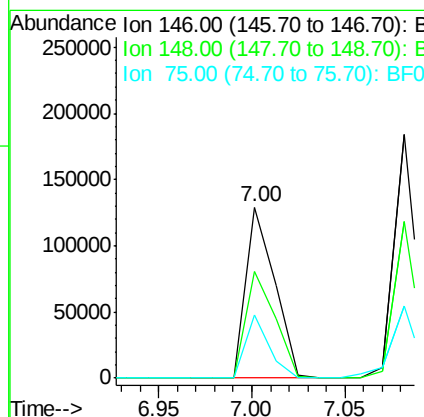
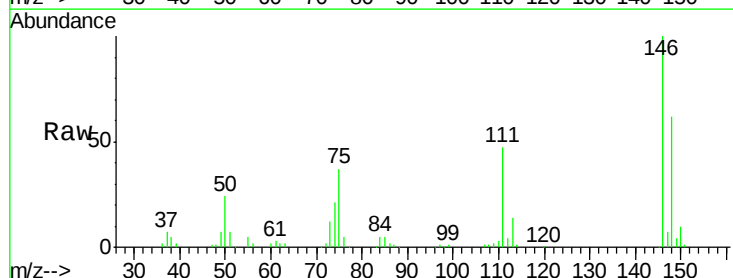
RT: 7.00 min Scan# 430

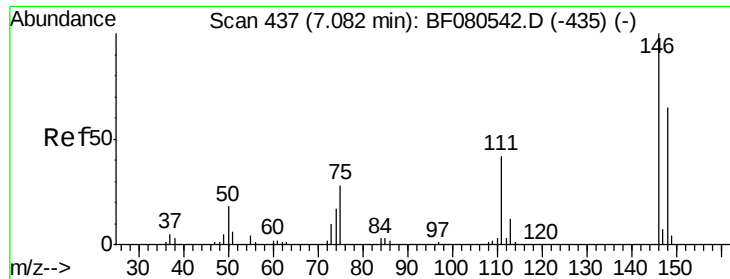
Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 139243 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 62.4  | 49.2  | 73.8   |
| 75        | 36.6  | 29.1  | 43.7   |





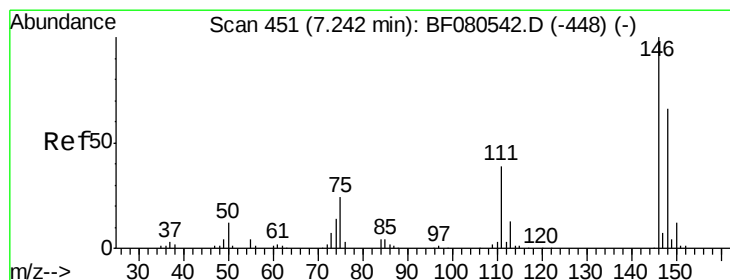
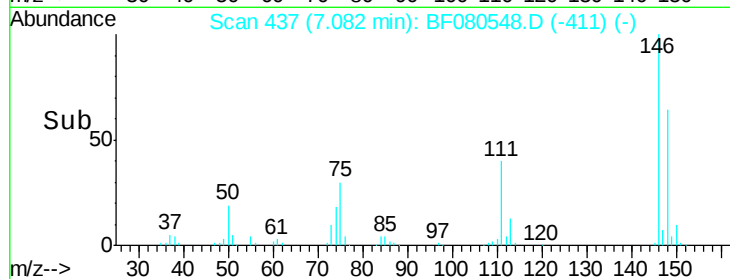
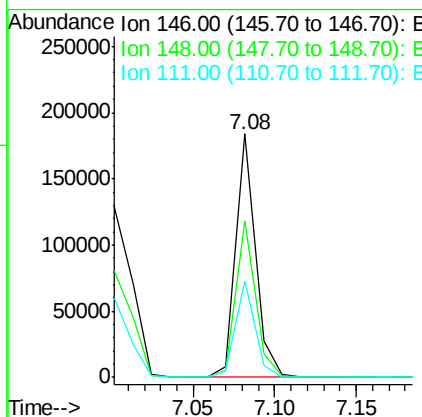
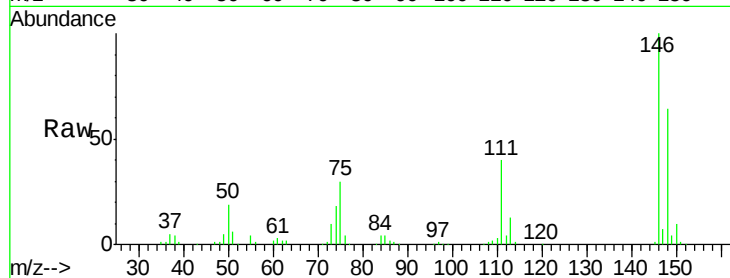
#13  
 1,4-Dichlorobenzene  
 Concen: 45.68 ng  
 RT: 7.08 min Scan# 437  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.3  | 51.9  | 77.9  |
| 111     | 39.8  | 33.4  | 50.2  |

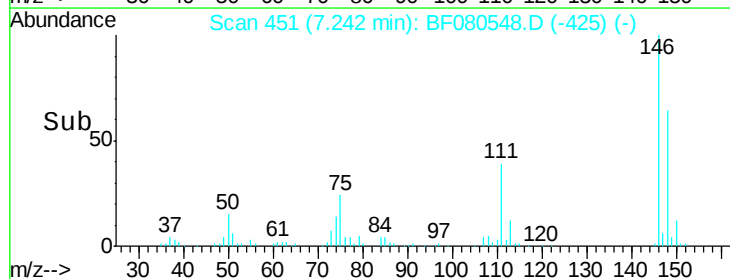
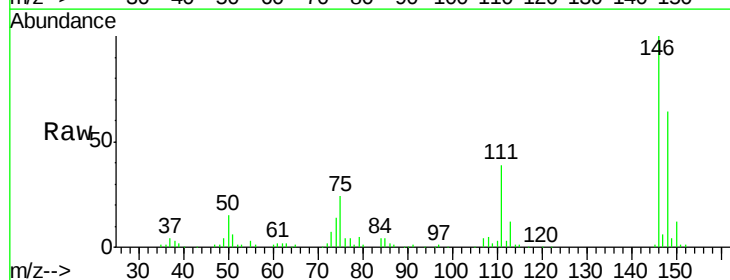
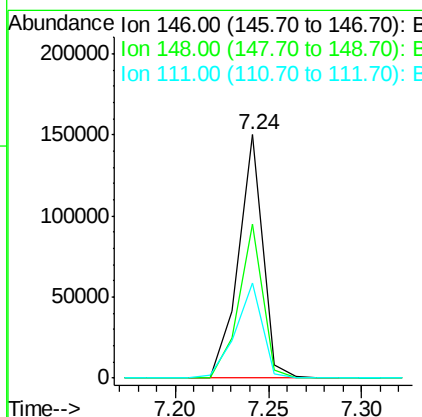
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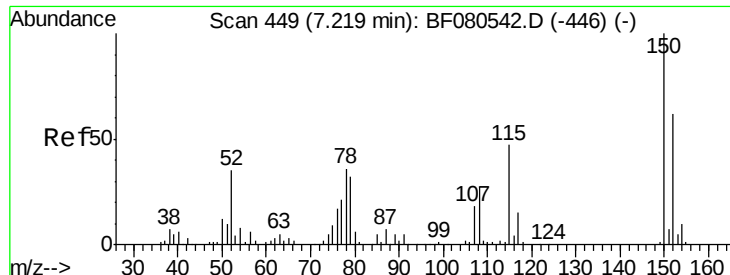
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#14  
 1,2-Dichlorobenzene  
 Concen: 44.89 ng  
 RT: 7.24 min Scan# 451  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 52.5  | 78.7  |
| 111     | 39.3  | 31.5  | 47.3  |





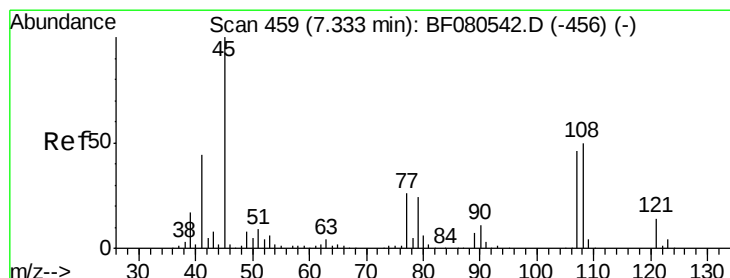
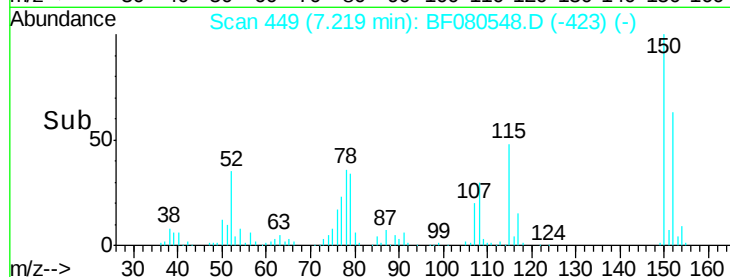
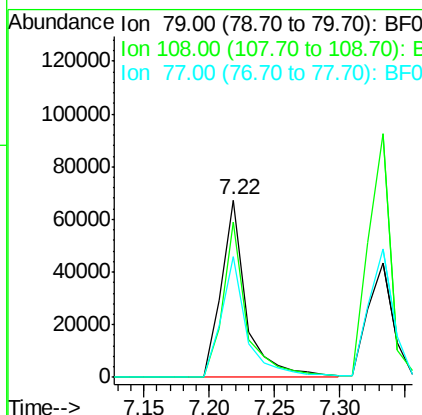
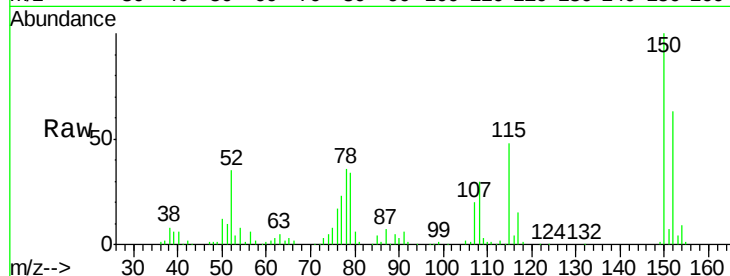
#15  
Benzyl Alcohol  
Concen: 48.91 ng  
RT: 7.22 min Scan# 449  
Delta R.T. 0.00 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-I5-I6-I7-I8MSD

Tgt Ion: 79 Resp: 91290  
Ion Ratio Lower Upper  
79 100  
108 87.6 67.8 101.6  
77 67.7 52.9 79.3

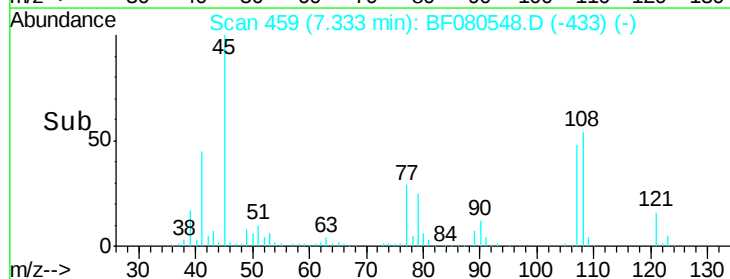
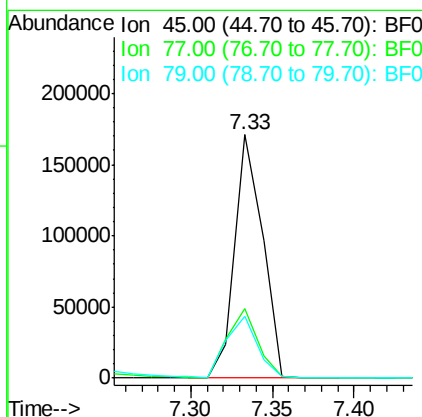
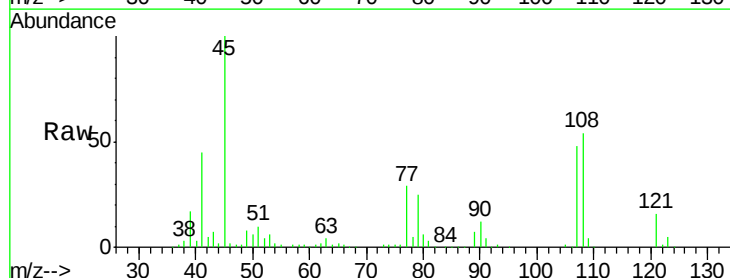
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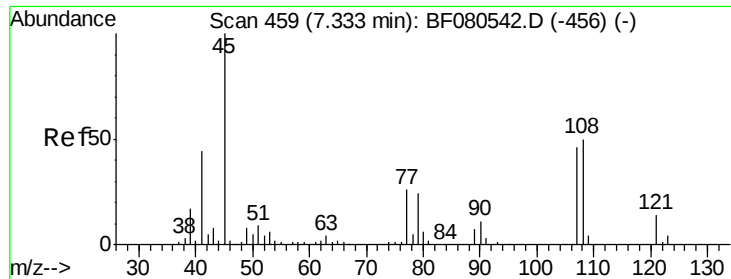
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.36 ng  
RT: 7.33 min Scan# 459  
Delta R.T. -0.00 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

Tgt Ion: 45 Resp: 201576  
Ion Ratio Lower Upper  
45 100  
77 28.6 6.6 46.6  
79 25.4 4.0 44.0





#17

2-Methylphenol

Concen: 47.54 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.00 min

Lab File: BF080548.D

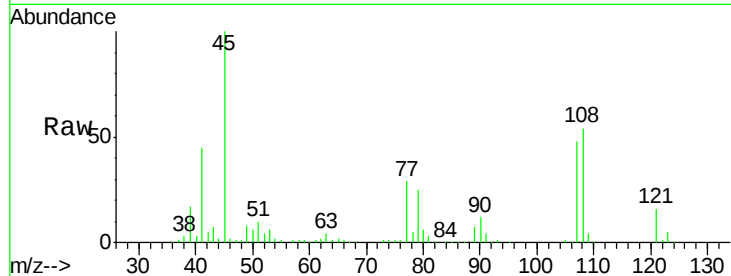
Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD



Tgt Ion:107 Resp: 97189

Ion Ratio Lower Upper

107 100

108 113.7 86.8 130.2

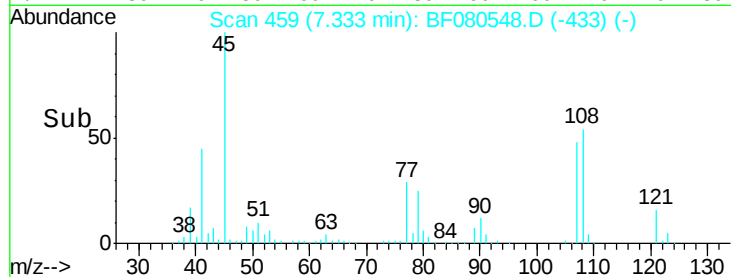
77 60.1 46.2 69.4

79 53.6 41.8 62.6

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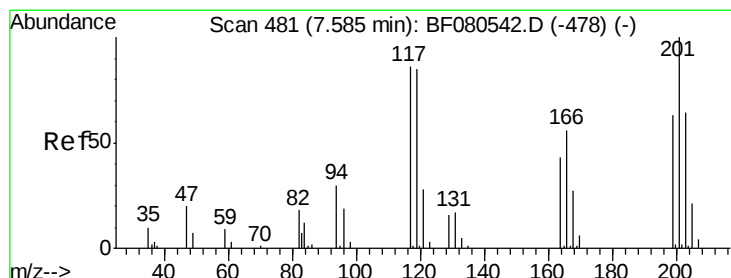
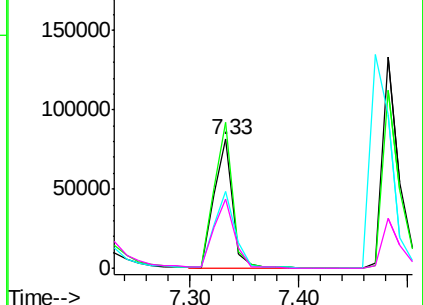


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

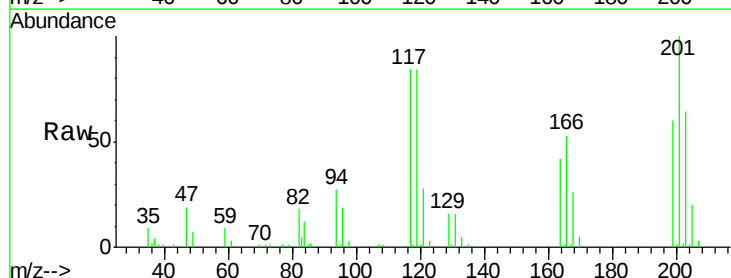
Concen: 42.32 ng

RT: 7.58 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22



Tgt Ion:117 Resp: 45068

Ion Ratio Lower Upper

117 100

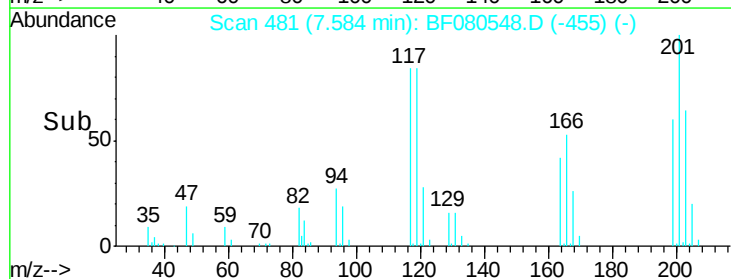
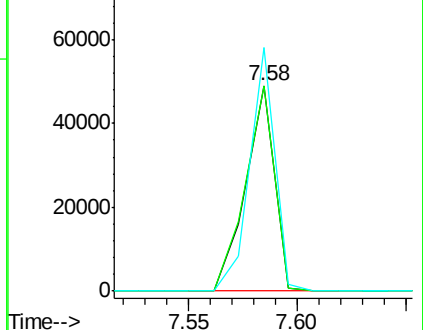
119 100.2 79.1 118.7

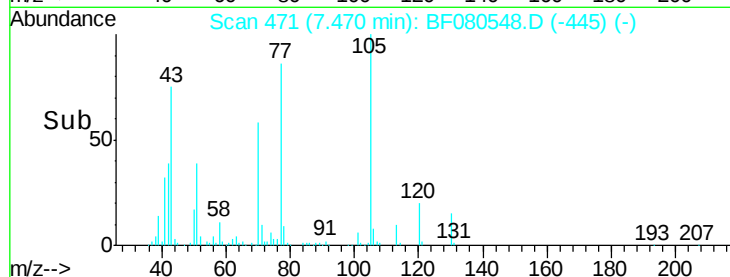
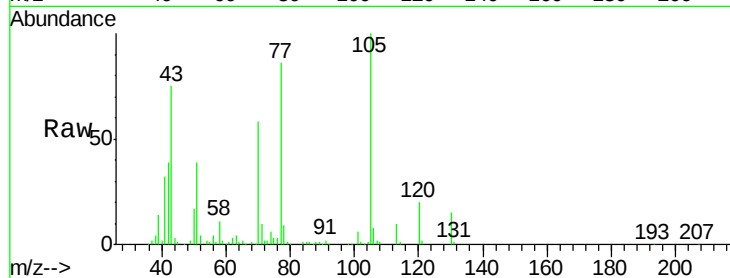
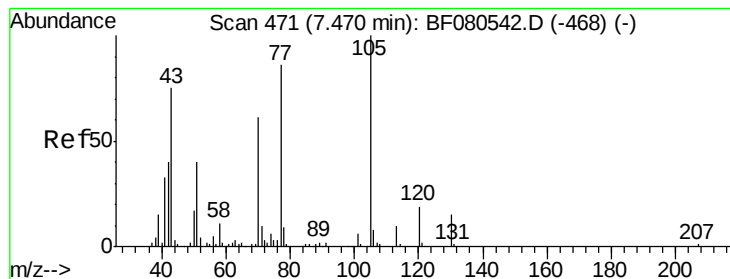
201 118.6 92.7 139.1

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 47.37 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

ClientSampleId :

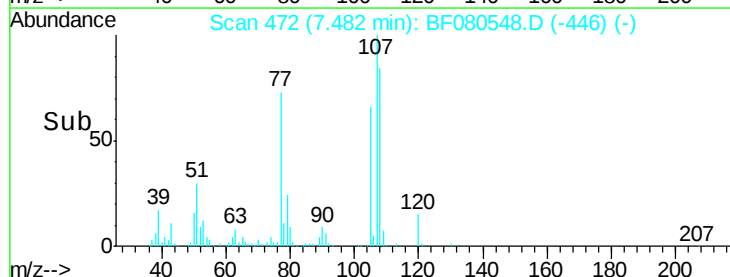
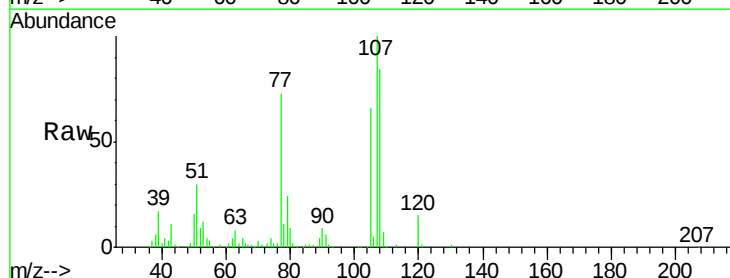
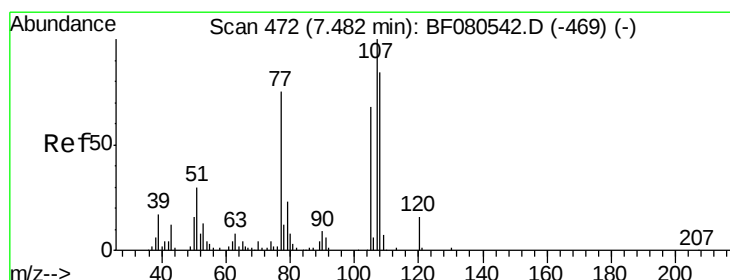
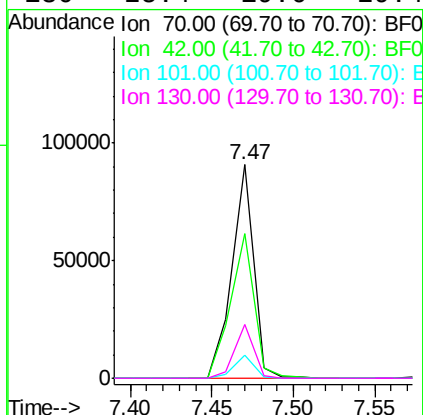
FK-BPM-02-I5-I6-I7-I8MSD

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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 67.8  | 52.6  | 78.8  |
| 101     | 10.6  | 8.3   | 12.5  |
| 130     | 25.4  | 19.6  | 29.4  |



#20

3+4-Methylphenols

Concen: 50.95 ng

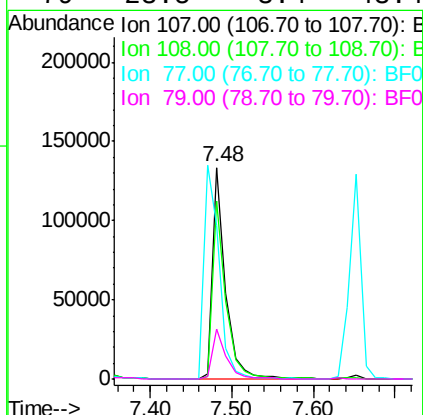
RT: 7.48 min Scan# 472

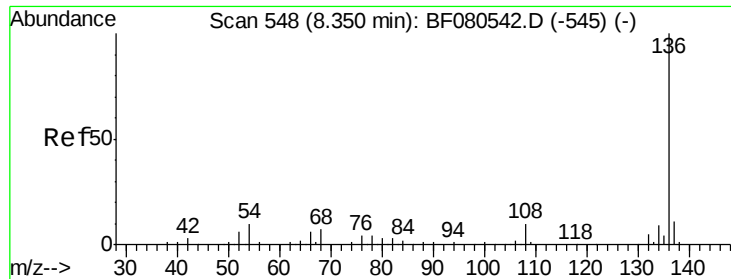
Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 84.3  | 64.0  | 104.0 |
| 77      | 72.8  | 55.4  | 95.4  |
| 79      | 23.5  | 3.4   | 43.4  |





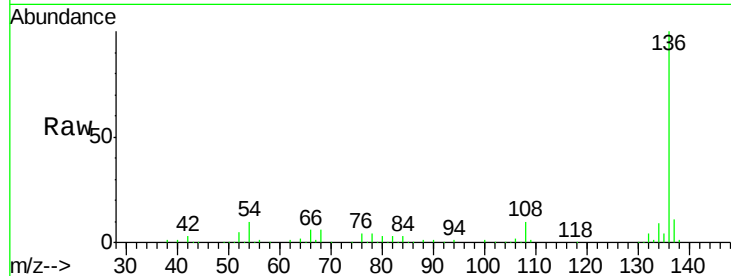
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.35 min Scan# 548  
Delta R.T. -0.00 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-I5-I6-I7-I8MSD

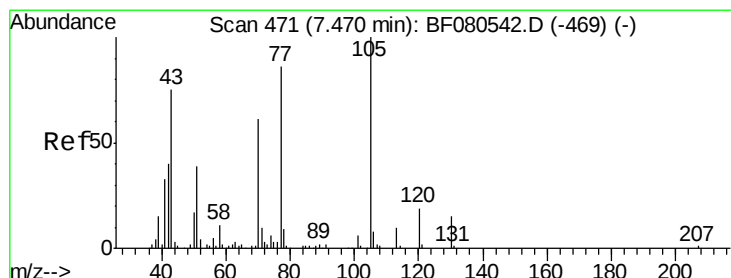
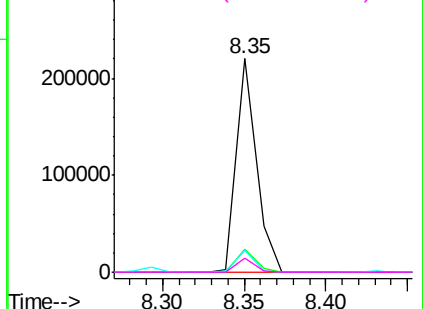
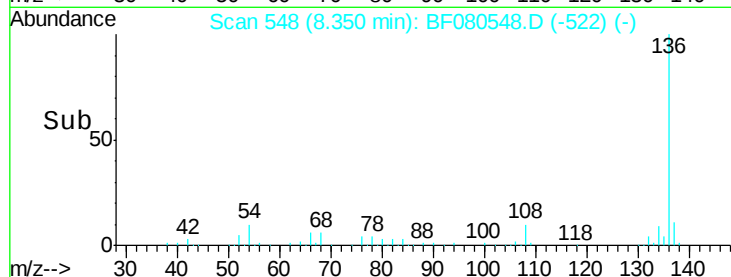
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 185574 |       |       |
| 137     | 10.8  | 8.7    | 13.1  |       |
| 54      | 10.4  | 8.3    | 12.5  |       |
| 68      | 6.4   | 5.4    | 8.2   |       |

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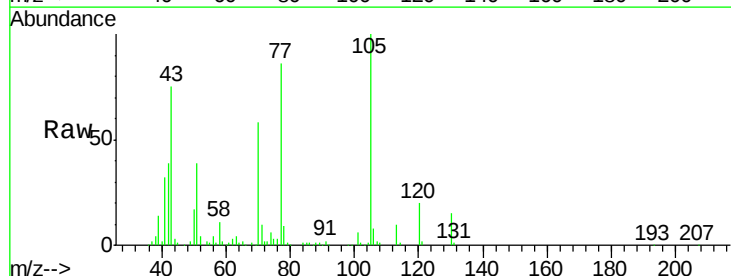


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF0  
Ion 68.00 (67.70 to 68.70): BF0

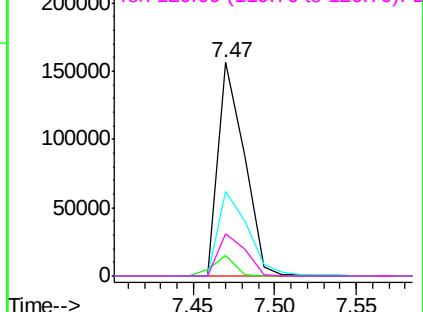
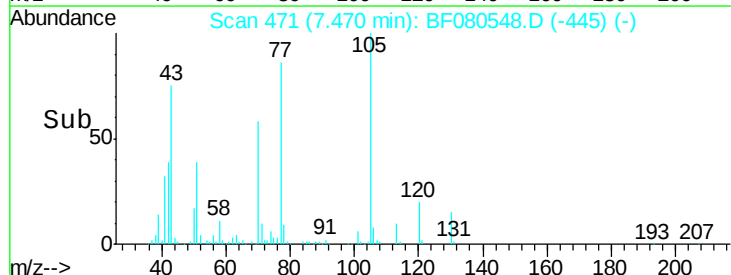


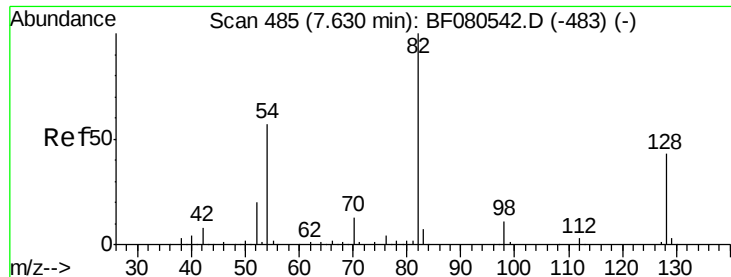
#22  
Acetophenone  
Concen: 43.60 ng  
RT: 7.47 min Scan# 471  
Delta R.T. -0.00 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 173662 |       |       |
| 71      | 9.6   | 8.3    | 12.5  |       |
| 51      | 39.4  | 31.6   | 47.4  |       |
| 120     | 20.1  | 15.5   | 23.3  |       |



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





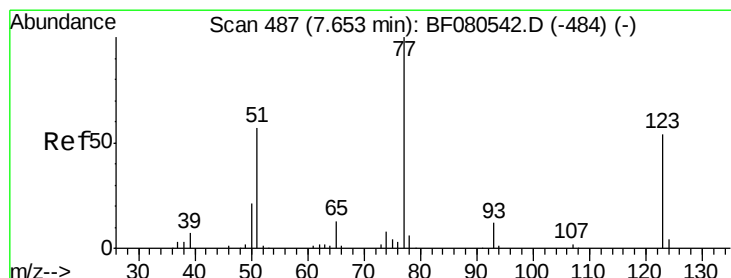
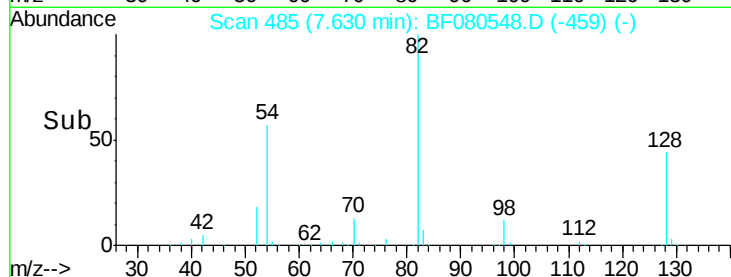
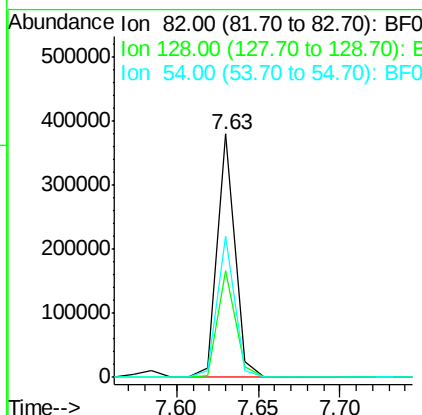
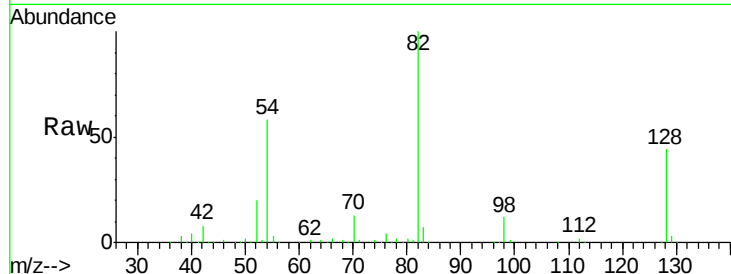
#23  
 Nitrobenzene-d5  
 Concen: 98.91 ng  
 RT: 7.63 min Scan# 485  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 287895 |       |       |
| 128     | 43.9  | 34.6   | 51.8  |       |
| 54      | 57.7  | 45.8   | 68.6  |       |

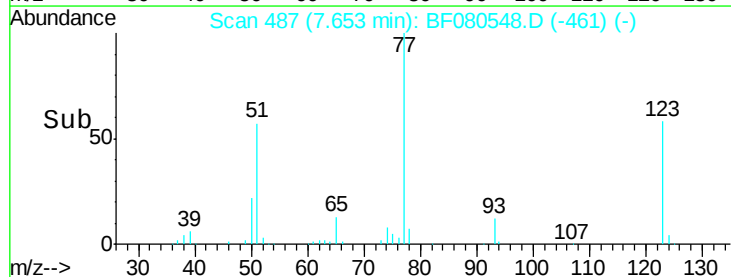
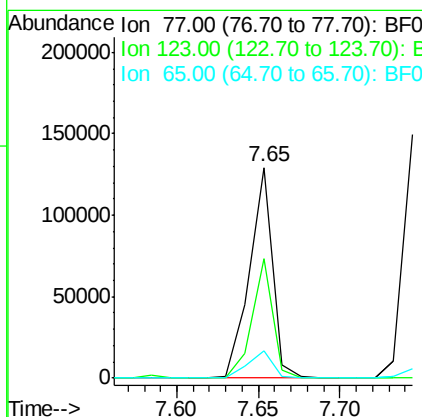
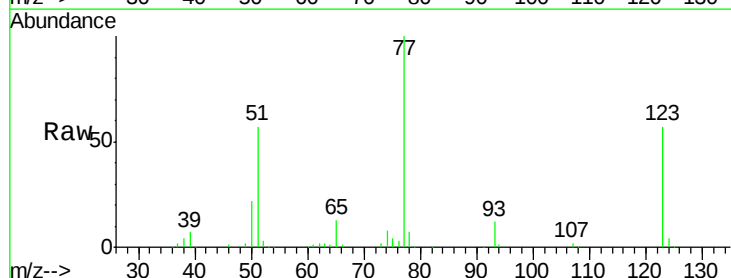
Manual Integrations  
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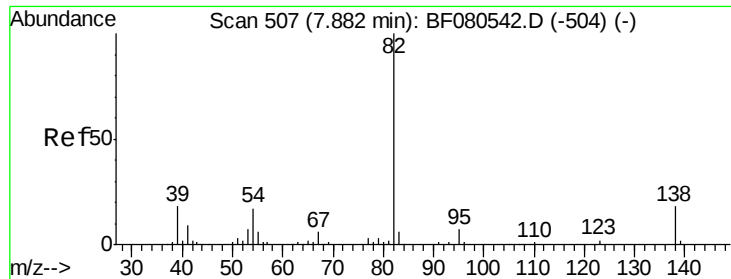
apatel  
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#24  
 Nitrobenzene  
 Concen: 38.72 ng  
 RT: 7.65 min Scan# 487  
 Delta R.T. 0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 127366 |       |       |
| 123     | 57.0  | 42.9   | 64.3  |       |
| 65      | 13.1  | 10.7   | 16.1  |       |





#25

Isophorone

Concen: 44.33 ng

RT: 7.88 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

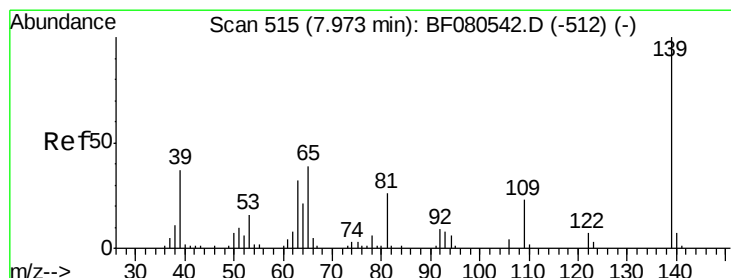
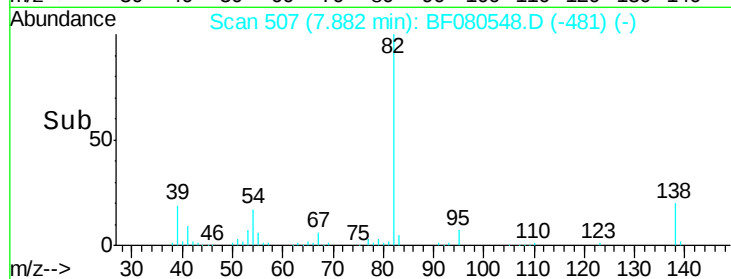
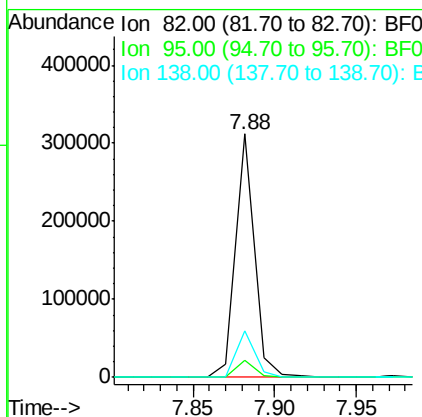
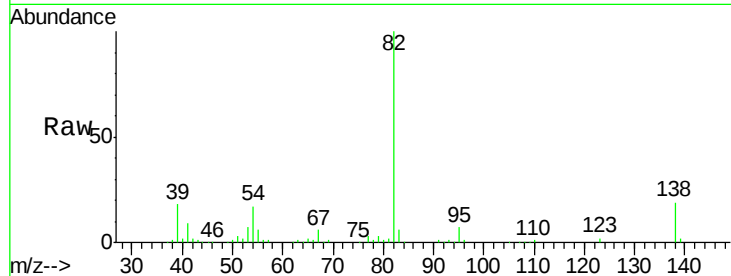
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 82   | Resp: | 246308 |
| Ion Ratio |      | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.0  | 5.5   | 8.3    |
| 138       | 19.0 | 14.7  | 22.1   |

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#26

2-Nitrophenol

Concen: 42.56 ng

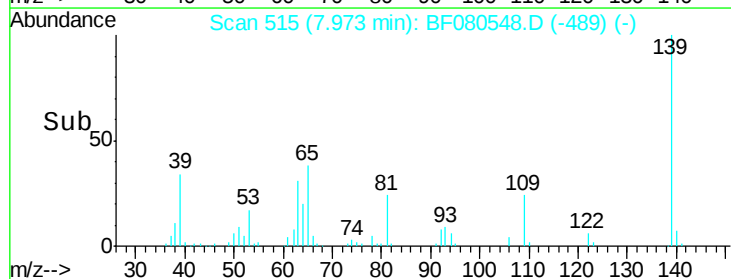
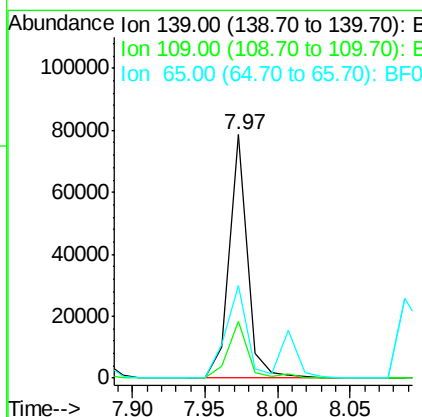
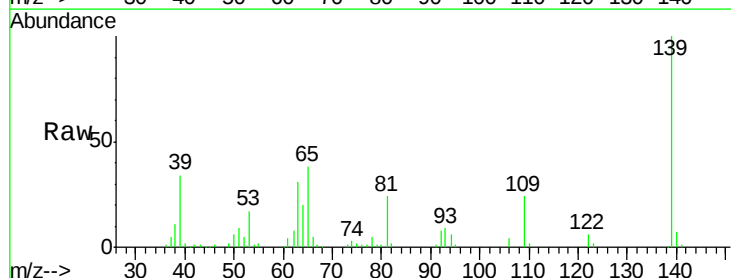
RT: 7.97 min Scan# 515

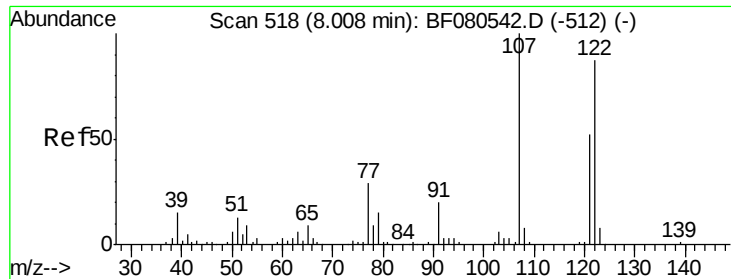
Delta R.T. 0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 68688 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 23.6 | 18.3  | 27.5  |
| 65        | 38.0 | 31.0  | 46.6  |





#27

2,4-Dimethylphenol

Concen: 45.82 ng

RT: 8.01 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

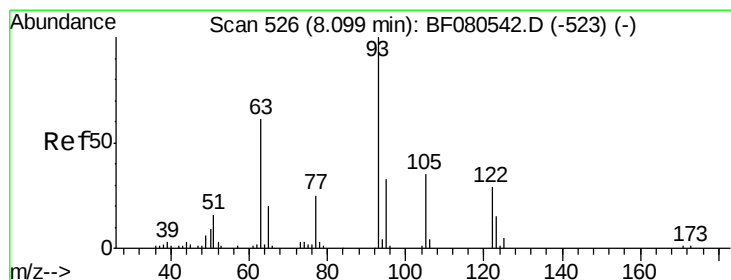
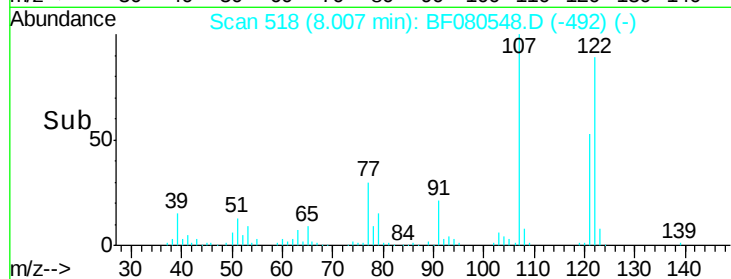
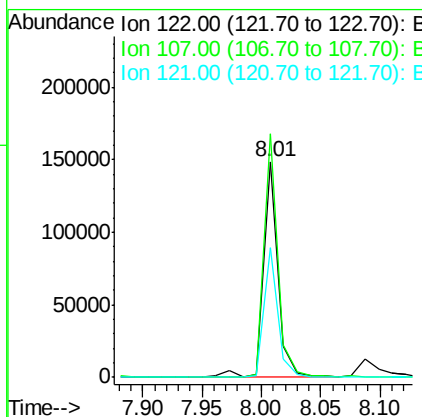
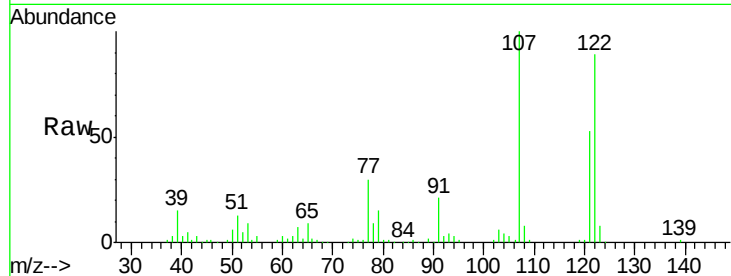
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 126650 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 112.7 | 91.6  | 137.4  |
| 121       | 60.2  | 47.4  | 71.0   |

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#28

bis(2-Chloroethoxy)methane

Concen: 43.51 ng

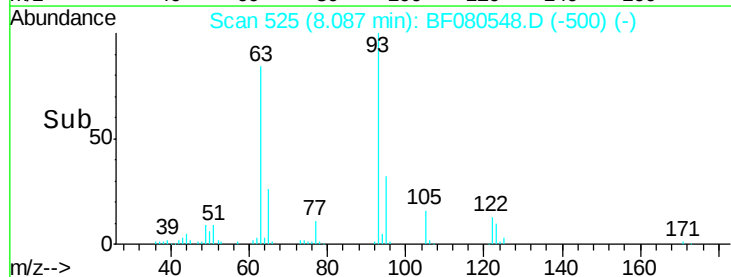
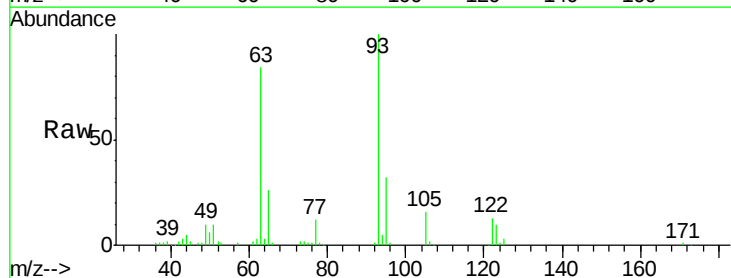
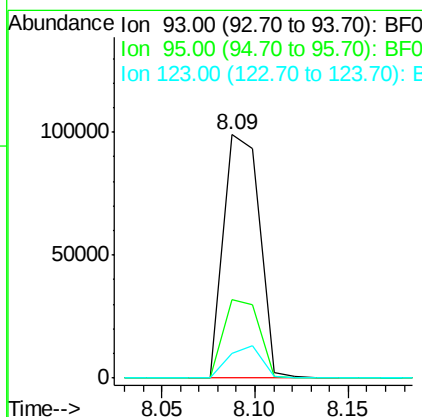
RT: 8.09 min Scan# 525

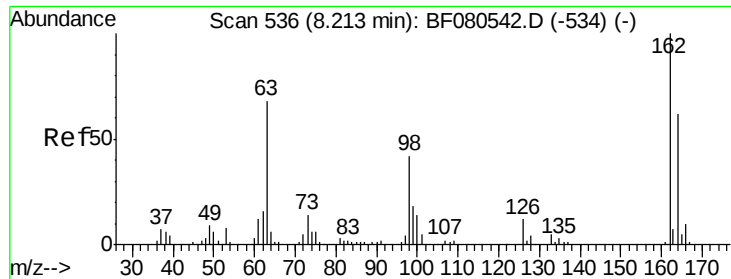
Delta R.T. -0.01 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 133847 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.0  | 26.4  | 39.6   |
| 123       | 10.3  | 12.2  | 18.4#  |





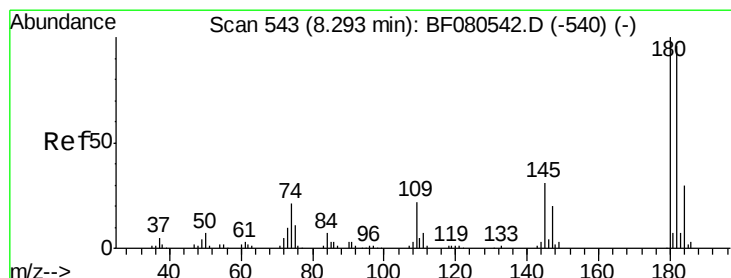
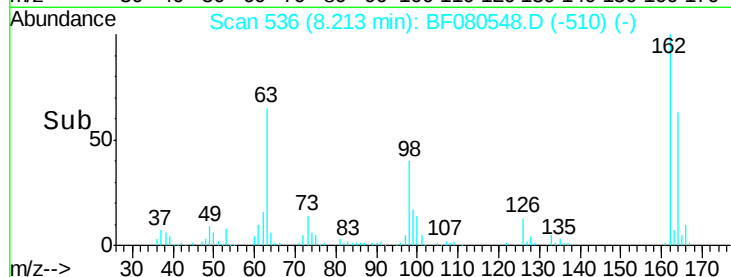
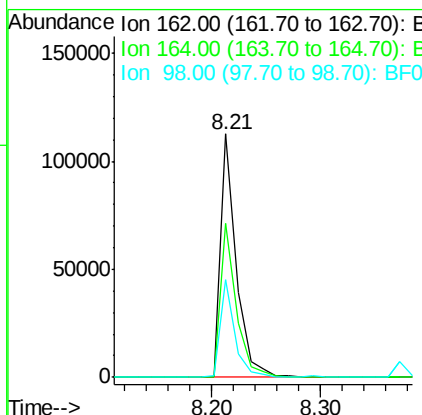
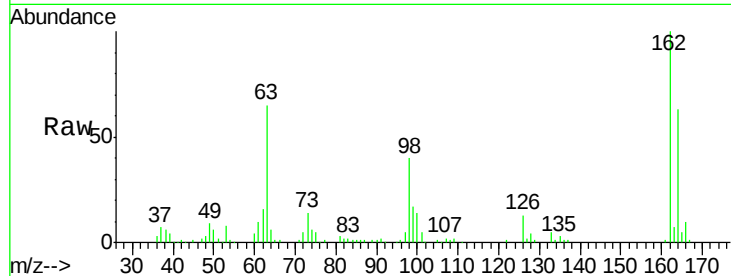
#29  
 2,4-Dichlorophenol  
 Concen: 48.45 ng  
 RT: 8.21 min Scan# 536  
 Delta R.T. 0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 113400 |       |       |
| 164     | 63.3  | 41.6   | 81.6  |       |
| 98      | 40.1  | 21.9   | 61.9  |       |

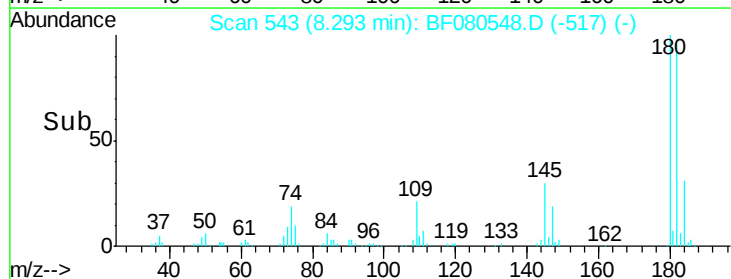
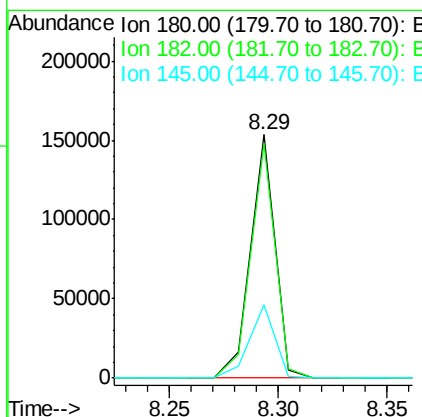
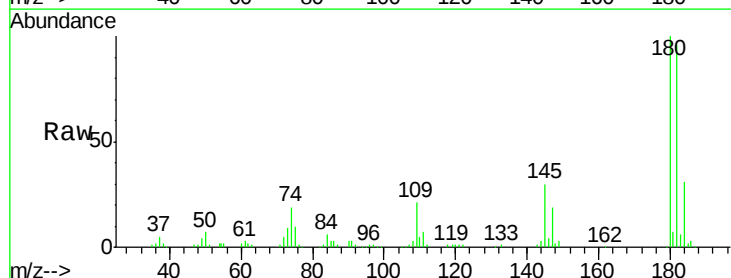
Manual Integrations  
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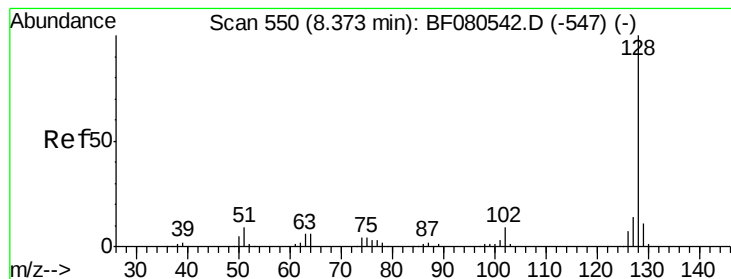
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.28 ng  
 RT: 8.29 min Scan# 543  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 120523 |       |       |
| 182     | 96.1  | 77.0   | 115.4 |       |
| 145     | 29.9  | 24.5   | 36.7  |       |





#31

Naphthalene

Concen: 43.54 ng

RT: 8.37 min Scan# 550

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

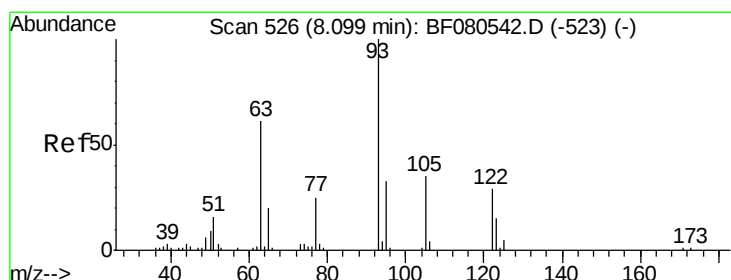
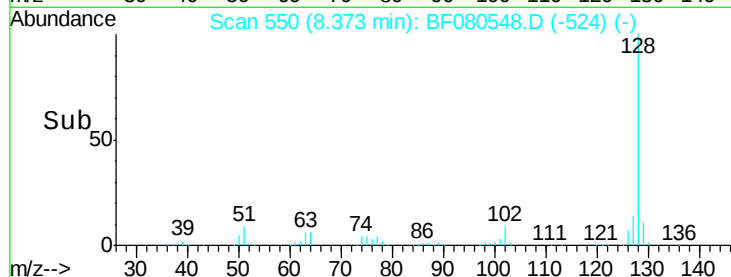
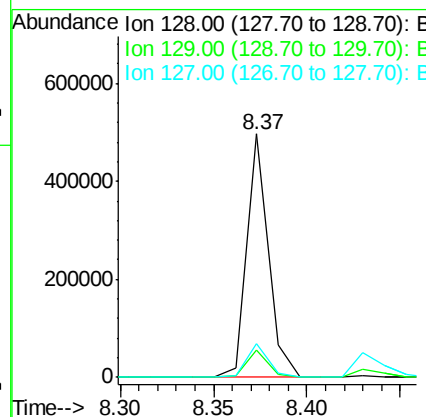
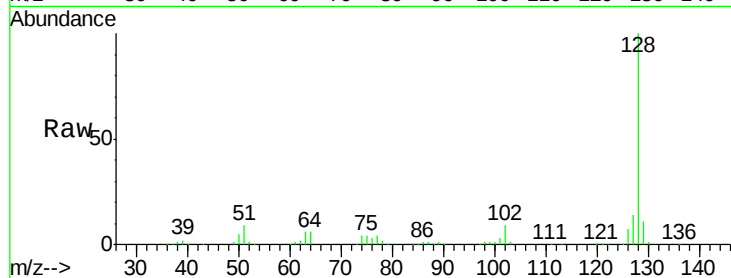
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 399916 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.1  | 9.0   | 13.4   |
| 127       | 13.7  | 11.0  | 16.4   |

Manual Integrations  
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#32

Benzoic acid

Concen: 21.38 ng

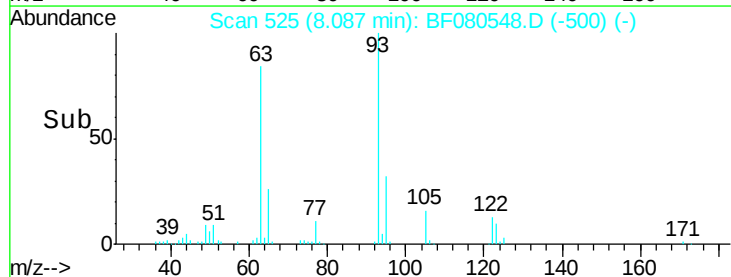
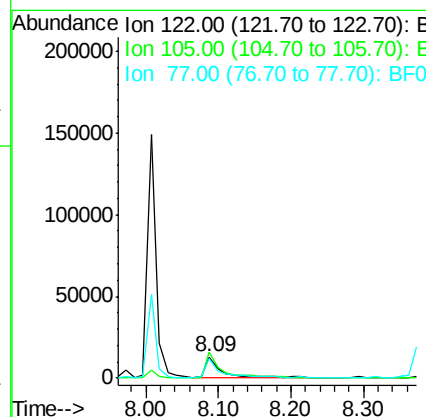
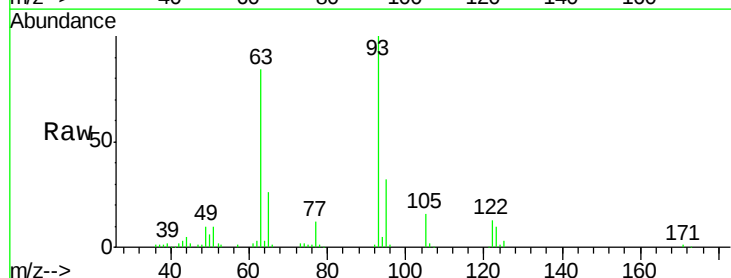
RT: 8.09 min Scan# 525

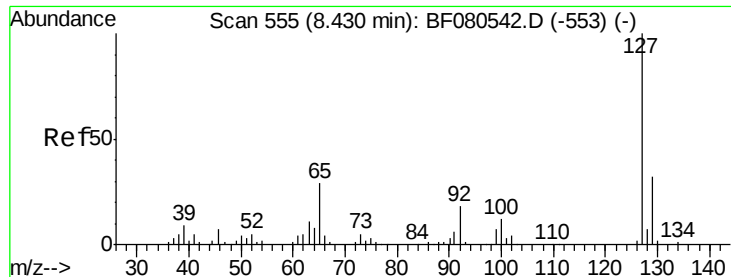
Delta R.T. -0.01 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 20366 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 120.7 | 101.3 | 141.3 |
| 77        | 92.2  | 64.1  | 104.1 |





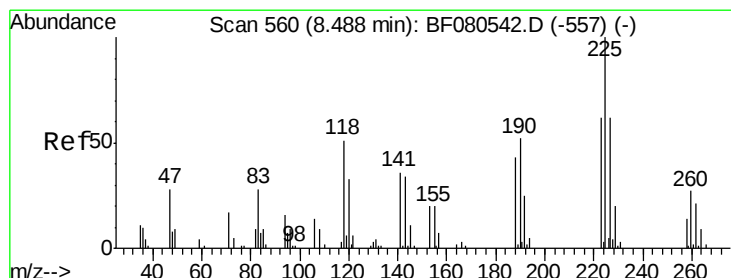
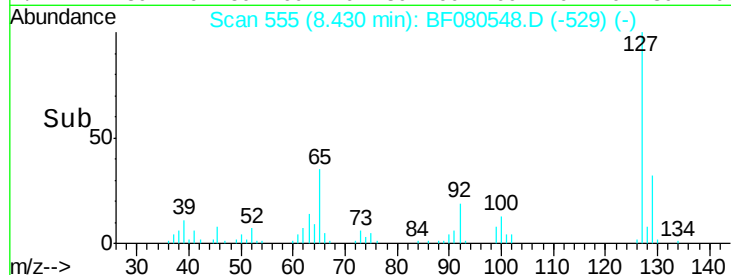
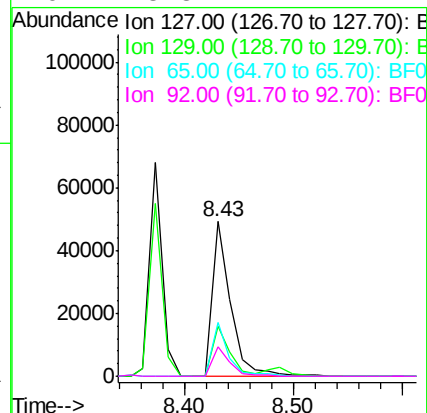
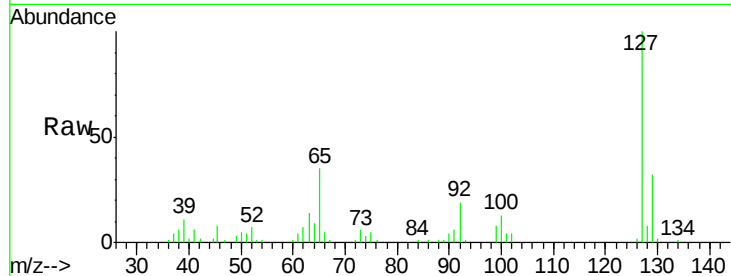
#33  
 4-Chloroaniline  
 Concen: 15.99 ng  
 RT: 8.43 min Scan# 555  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 58502 |       |       |
| 129     | 32.2  | 25.3  | 37.9  |       |
| 65      | 34.8  | 23.5  | 35.3  |       |
| 92      | 18.8  | 14.2  | 21.4  |       |

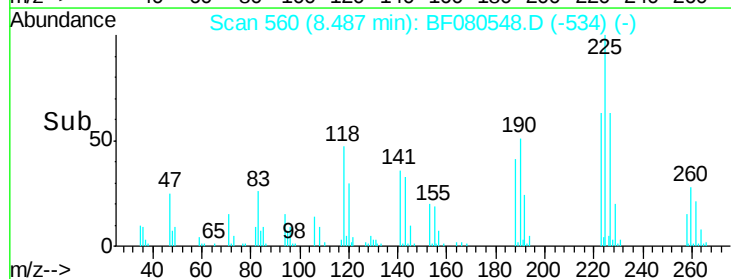
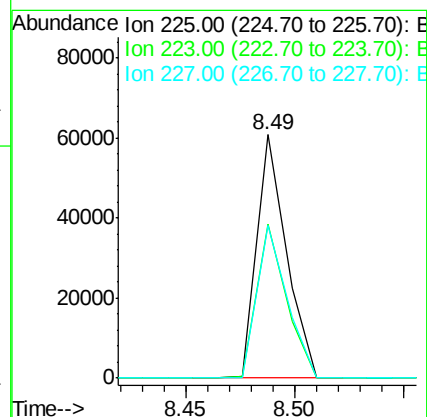
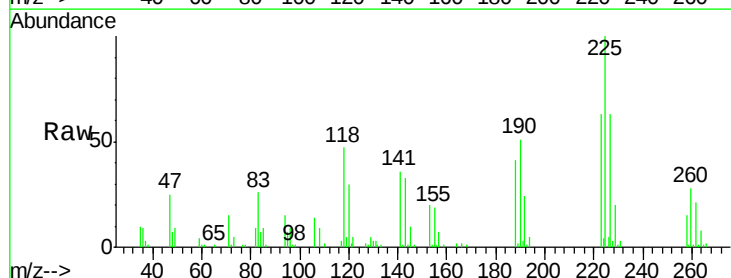
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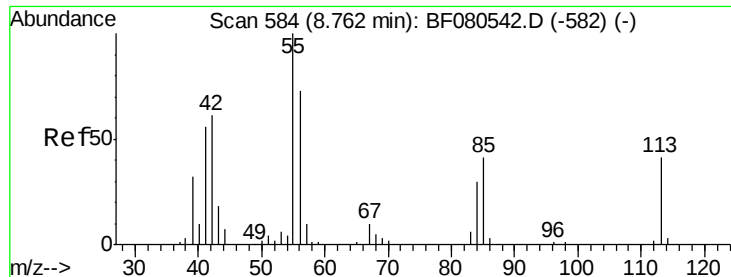
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#34  
 Hexachlorobutadiene  
 Concen: 41.27 ng  
 RT: 8.49 min Scan# 560  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 57583 |       |       |
| 223     | 63.1  | 49.4  | 74.2  |       |
| 227     | 62.6  | 49.3  | 73.9  |       |





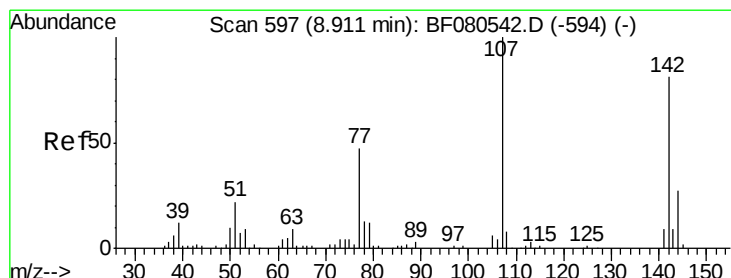
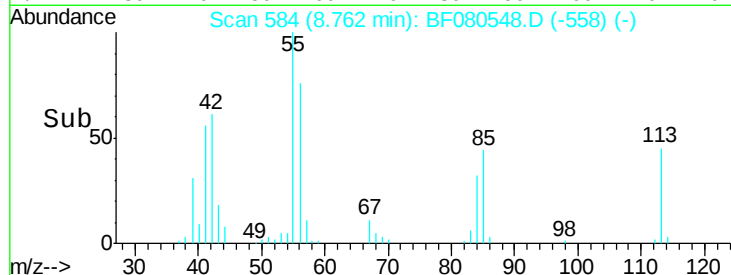
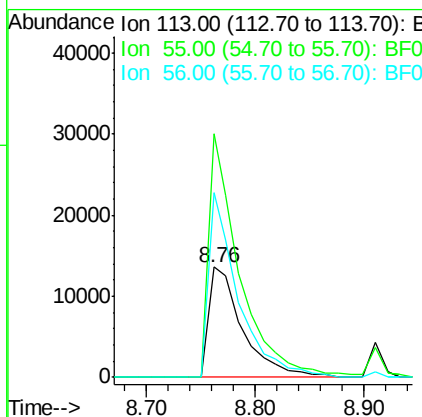
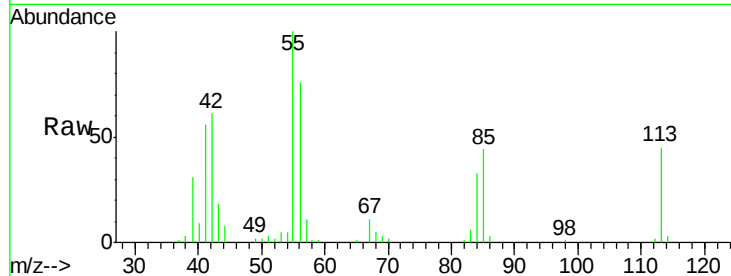
#35  
 Caprolactam  
 Concen: 50.32 ng  
 RT: 8.76 min Scan# 584  
 Delta R.T. 0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD

Tgt Ion:113 Resp: 29622  
 Ion Ratio Lower Upper  
 113 100  
 55 221.5 225.3 265.3#  
 56 167.8 159.9 199.9

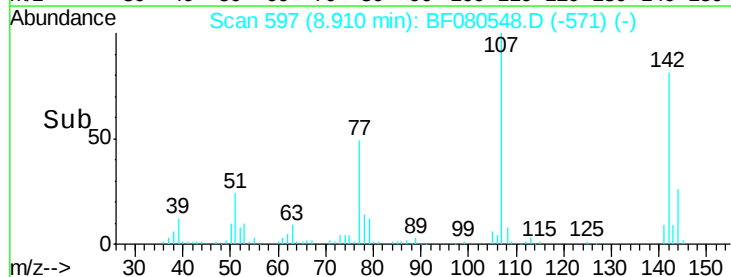
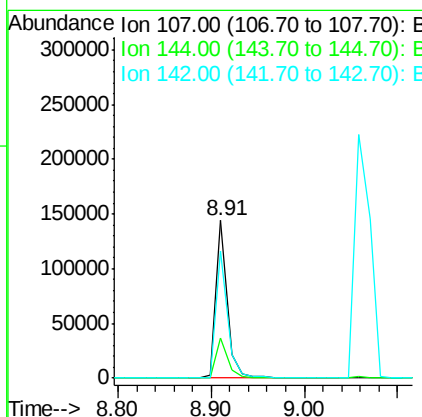
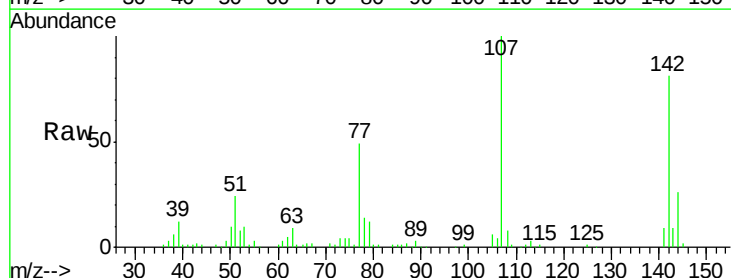
Manual Integrations  
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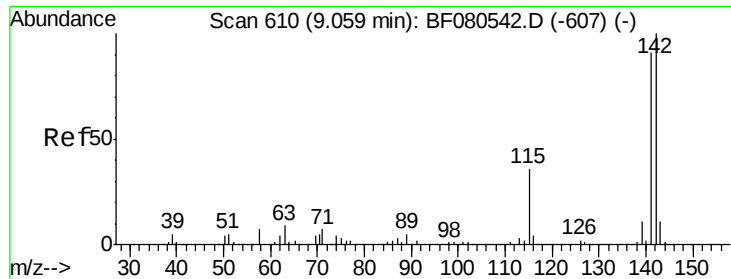
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#36  
 4-Chloro-3-methylphenol  
 Concen: 50.42 ng  
 RT: 8.91 min Scan# 597  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

Tgt Ion:107 Resp: 121589  
 Ion Ratio Lower Upper  
 107 100  
 144 25.8 21.4 32.0  
 142 80.9 64.4 96.6





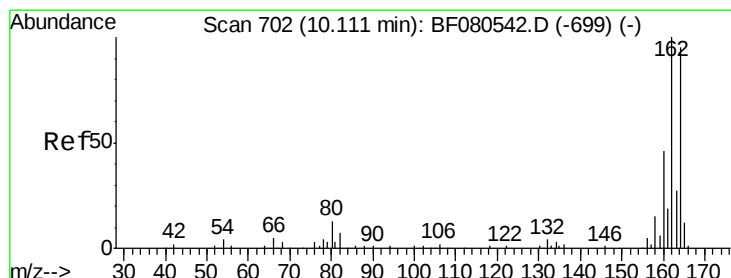
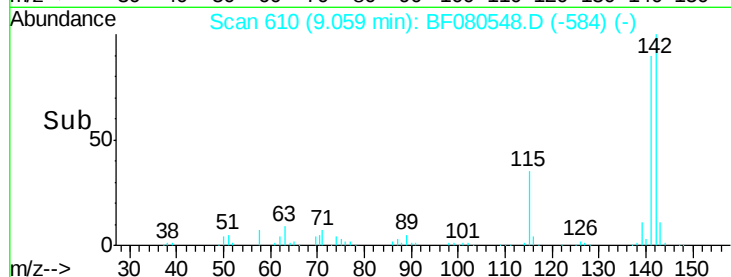
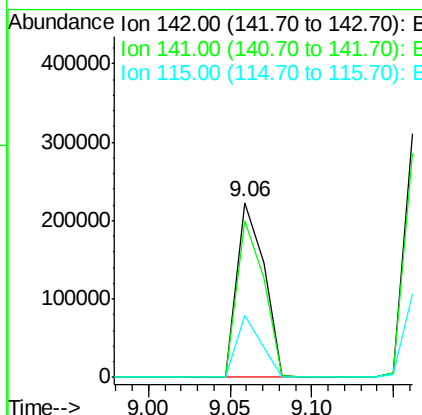
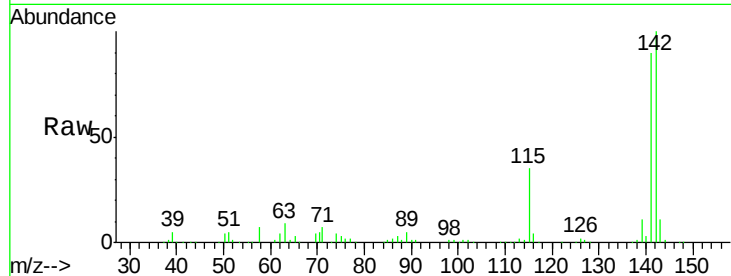
#37  
2-Methylnaphthalene  
Concen: 45.09 ng  
RT: 9.06 min Scan# 610  
Delta R.T. -0.00 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.9  | 72.5  | 108.7 |
| 115     | 35.3  | 28.7  | 43.1  |

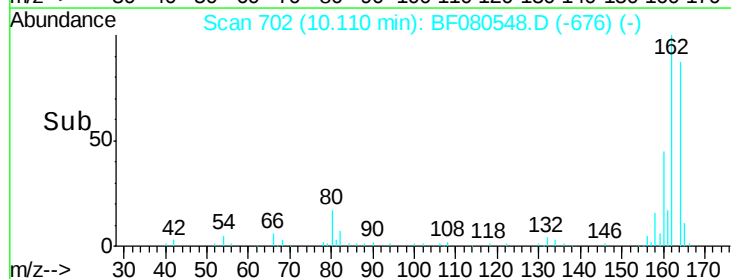
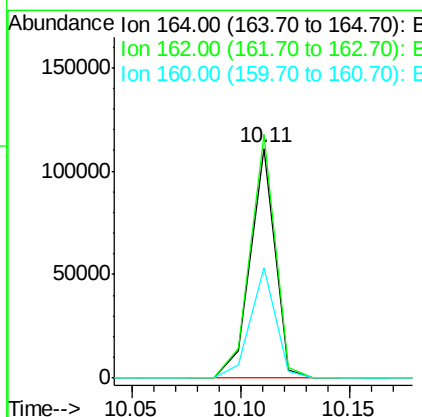
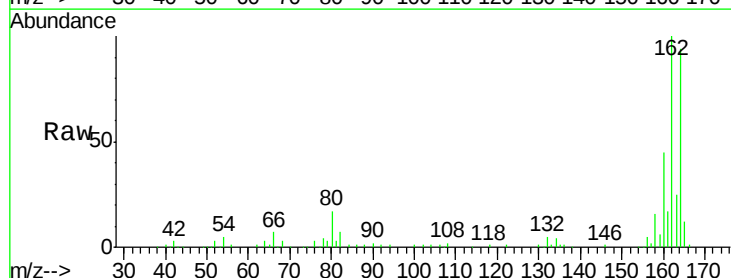
Manual Integrations  
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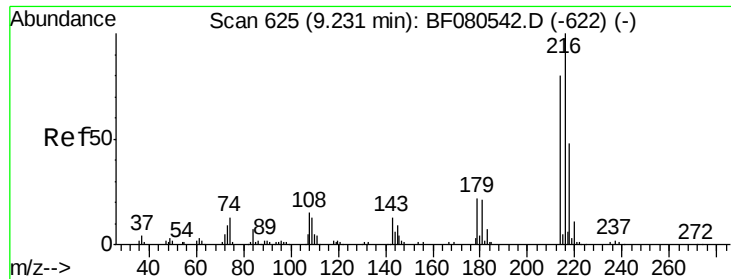
apatel  
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#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 10.11 min Scan# 702  
Delta R.T. -0.00 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.9 | 84.1  | 126.1 |
| 160     | 47.9  | 38.8  | 58.2  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.72 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.00 min

Lab File: BF080548.D

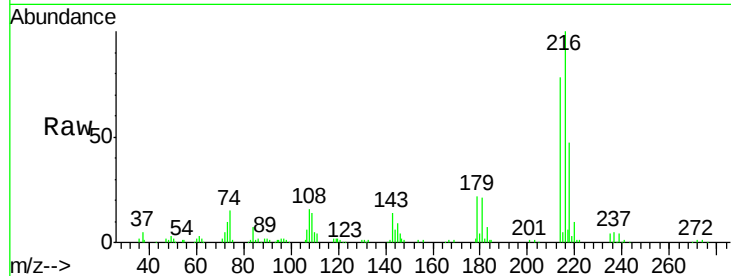
Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD



Tgt Ion: 216 Resp: 115853

Ion Ratio Lower Upper

216 100

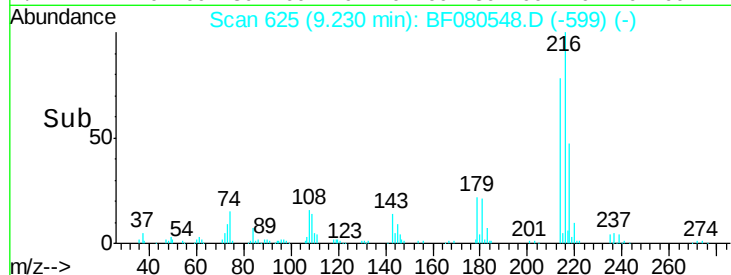
214 77.7 63.6 95.4

179 22.7 18.3 27.5

108 21.4 15.0 22.4

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apatel  
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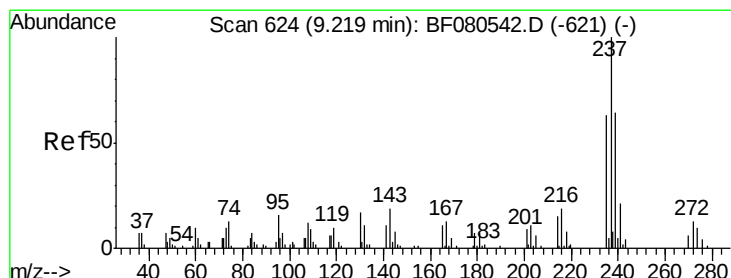
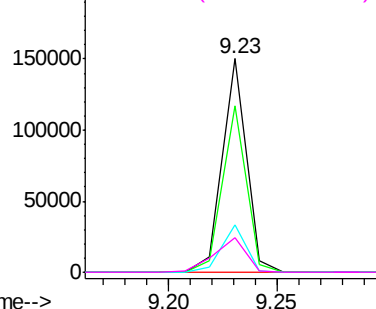


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 91.01 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

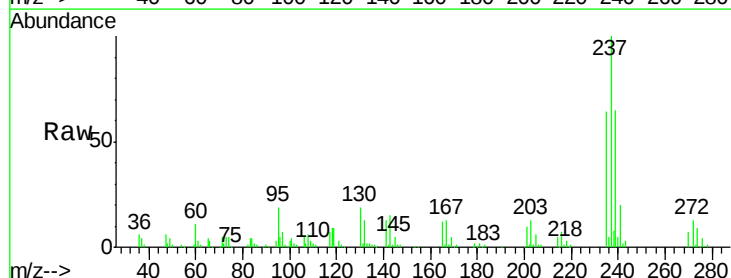
Tgt Ion: 237 Resp: 118964

Ion Ratio Lower Upper

237 100

235 64.0 43.1 83.1

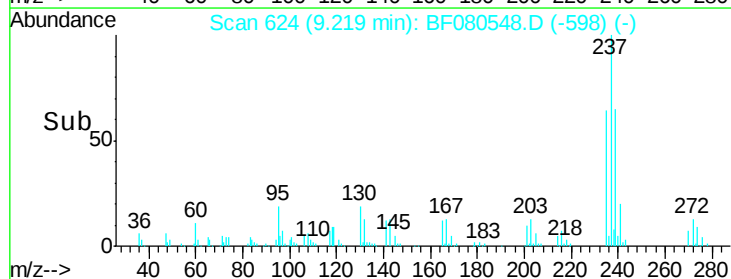
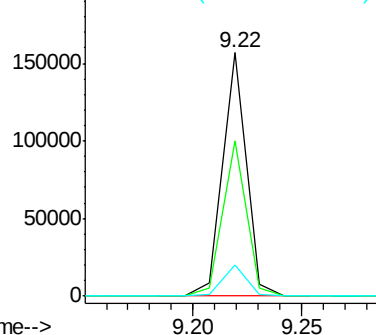
272 12.8 0.0 33.3

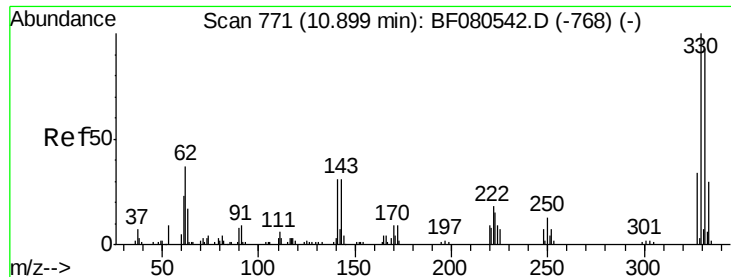


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





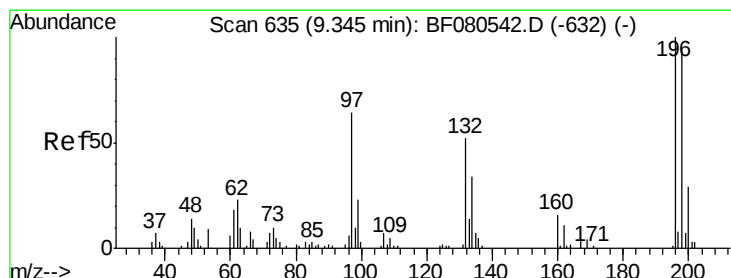
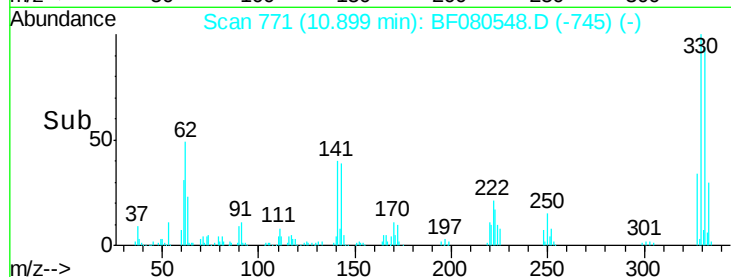
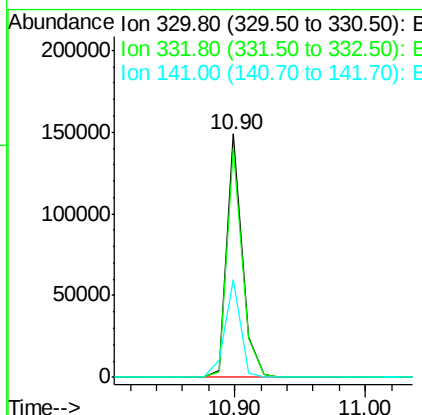
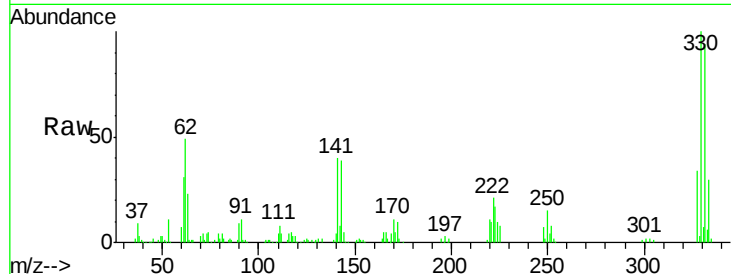
#41  
 2,4,6-Tribromophenol  
 Concen: 157.64 ng  
 RT: 10.90 min Scan# 771  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 123872 |       |       |
| 332     | 94.1  | 74.3   | 111.5 |       |
| 141     | 40.6  | 29.0   | 43.4  |       |

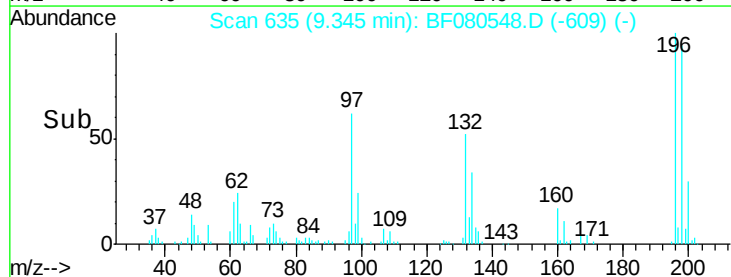
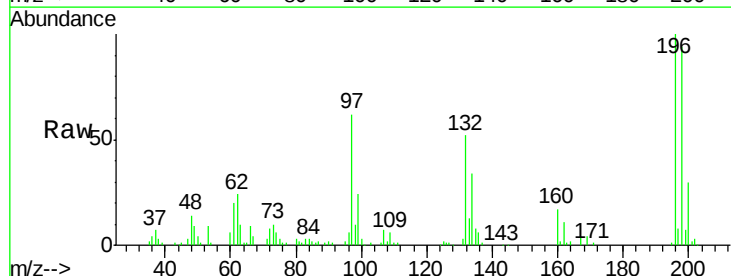
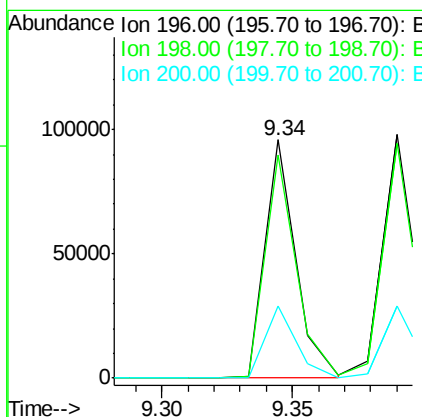
Manual Integrations  
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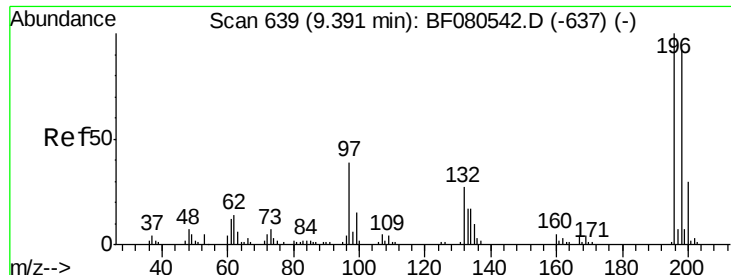
apatel  
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#42  
 2,4,6-Trichlorophenol  
 Concen: 49.20 ng  
 RT: 9.34 min Scan# 635  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

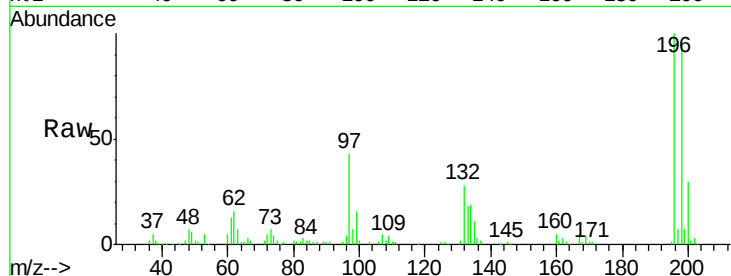
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 78690 |       |       |
| 198     | 93.6  | 75.4  | 113.2 |       |
| 200     | 30.0  | 23.3  | 34.9  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 48.21 ng  
 RT: 9.39 min Scan# 639  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

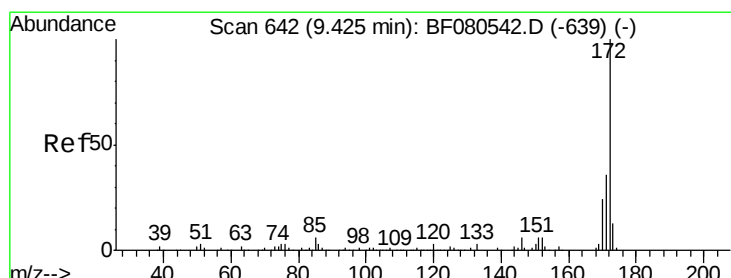
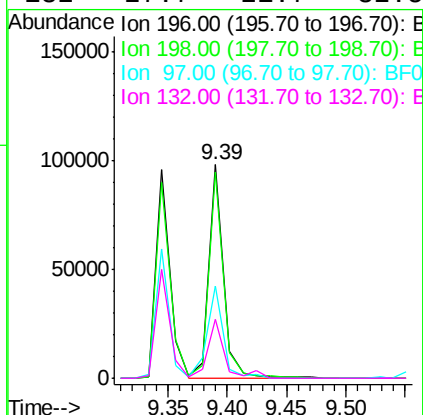
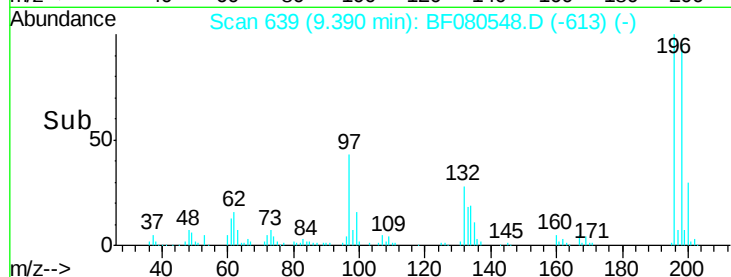
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.5  | 73.8  | 110.8 |
| 97      | 43.2  | 31.3  | 46.9  |
| 132     | 27.7  | 21.7  | 32.5  |

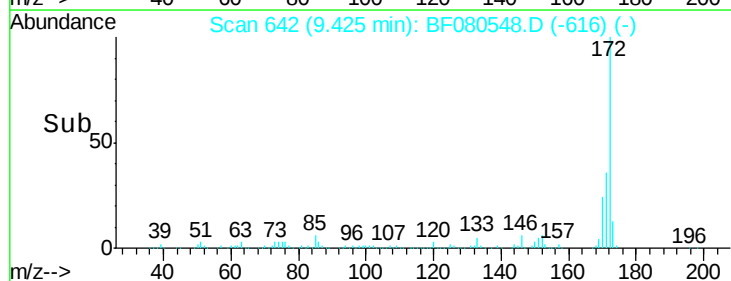
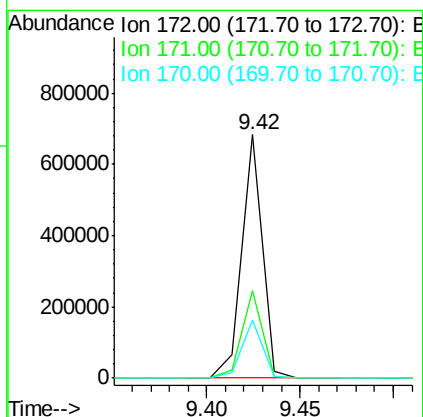
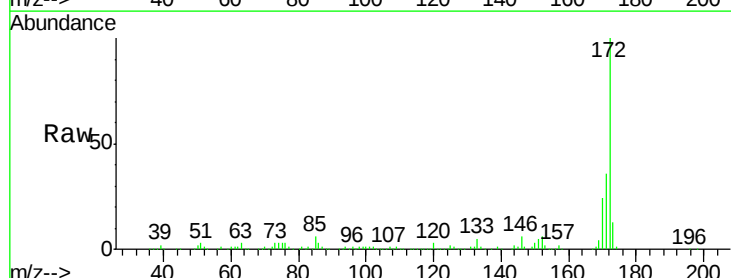
Manual Integrations  
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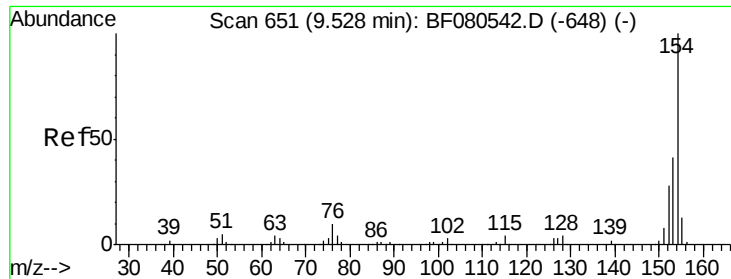
apatel  
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#44  
 2-Fluorobiphenyl  
 Concen: 84.57 ng  
 RT: 9.42 min Scan# 642  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 35.8  | 28.8  | 43.2  |
| 170     | 23.8  | 19.0  | 28.4  |





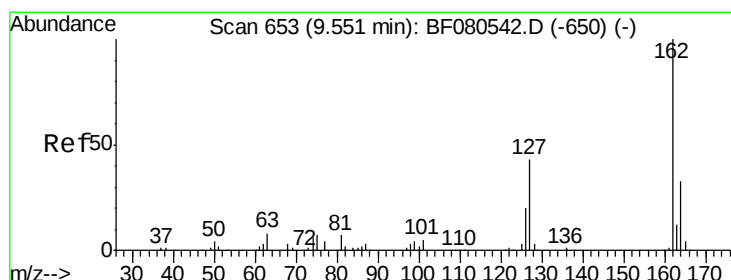
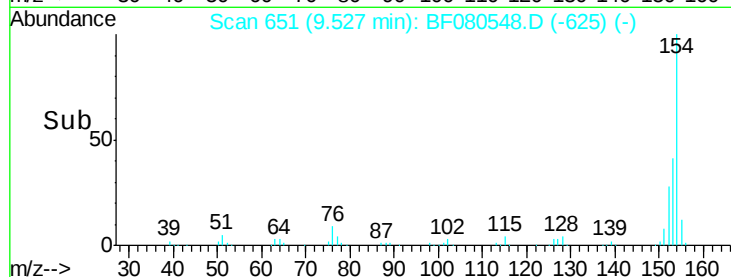
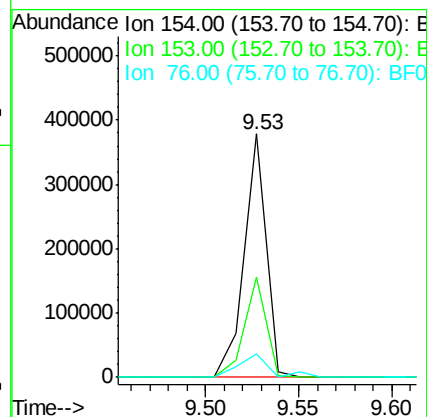
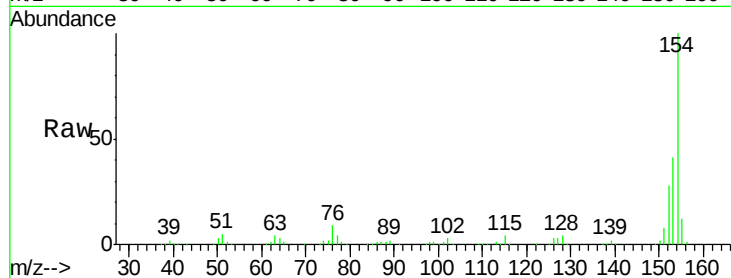
#45  
 1,1'-Biphenyl  
 Concen: 42.83 ng  
 RT: 9.53 min Scan# 651  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 41.0  | 20.6       | 60.6  |
| 76      | 9.4   | 0.0        | 29.6  |

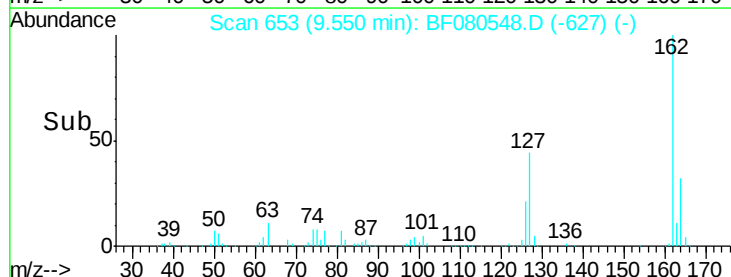
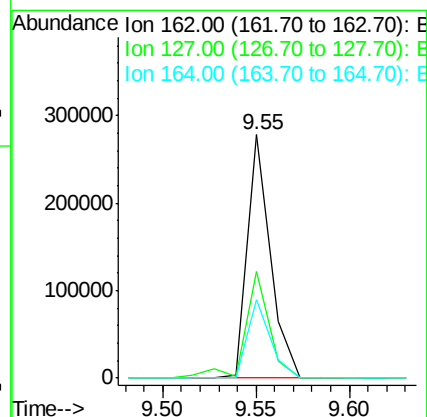
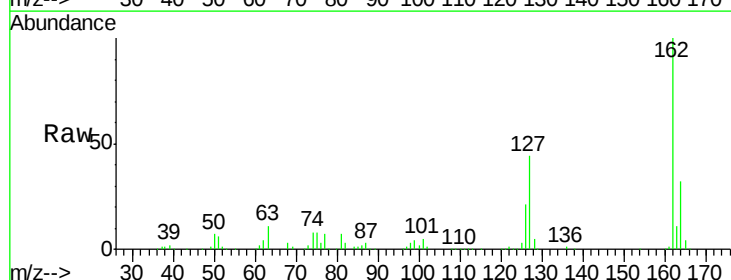
Manual Integrations  
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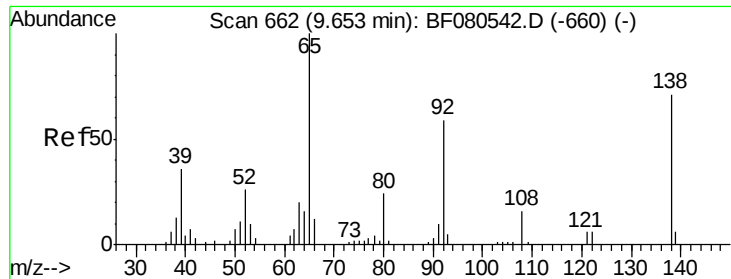
apatel  
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#46  
 2-Chloronaphthalene  
 Concen: 44.32 ng  
 RT: 9.55 min Scan# 653  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 43.8  | 35.4       | 53.2  |
| 164     | 32.4  | 26.2       | 39.2  |





#47

2-Nitroaniline

Concen: 47.26 ng

RT: 9.65 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

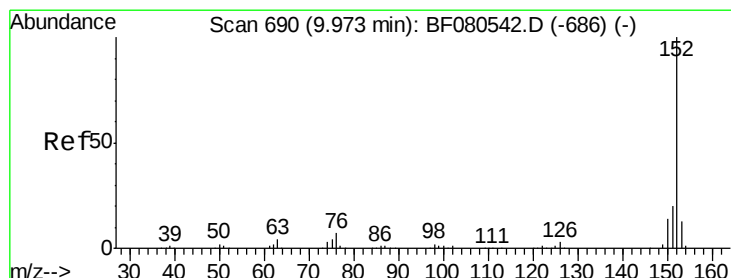
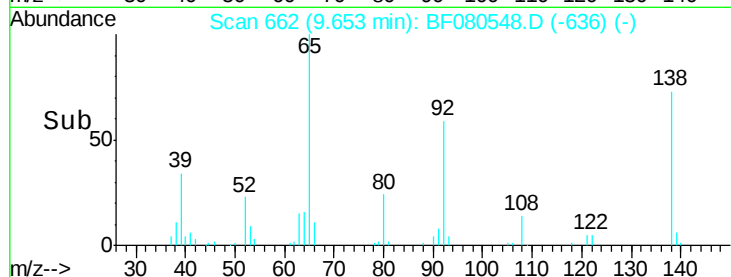
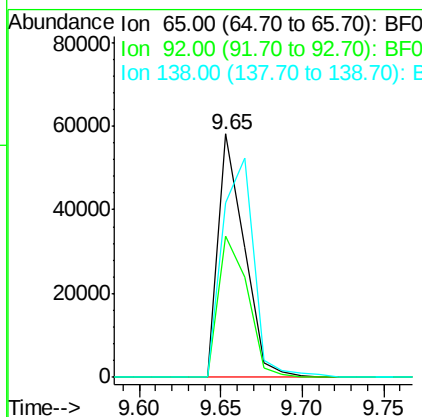
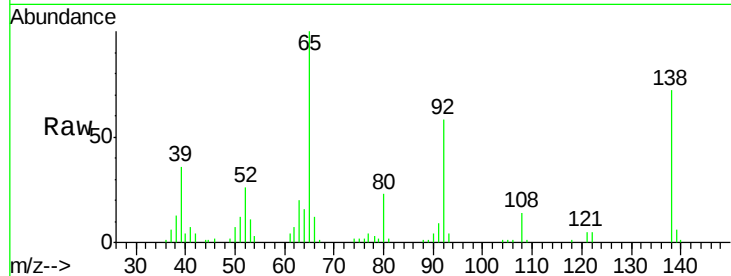
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 65    | Resp: | 64635 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 58.0  | 47.4  | 71.0  |
| 138       | 71.7  | 57.1  | 85.7  |

Manual Integrations  
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#48

Acenaphthylene

Concen: 44.78 ng

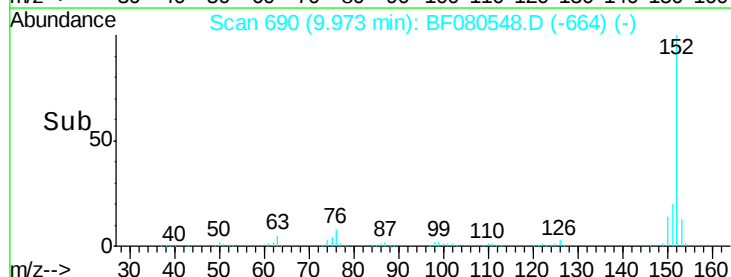
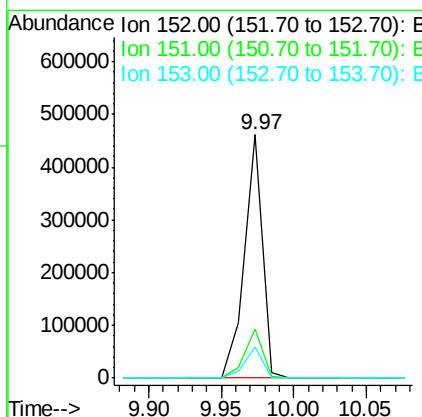
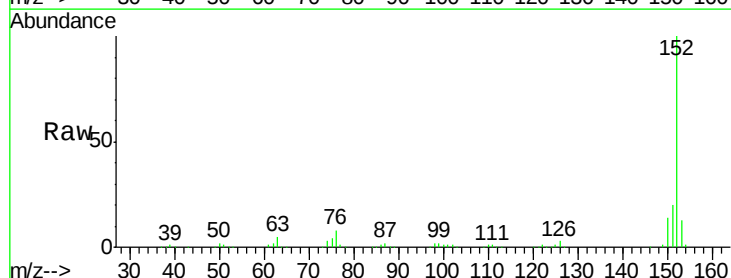
RT: 9.97 min Scan# 690

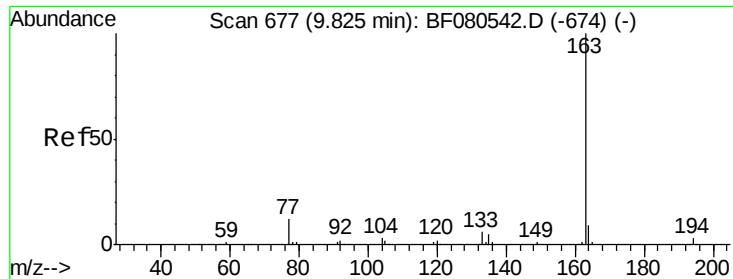
Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 397790 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.4  | 15.8  | 23.8   |
| 153       | 12.9  | 10.4  | 15.6   |





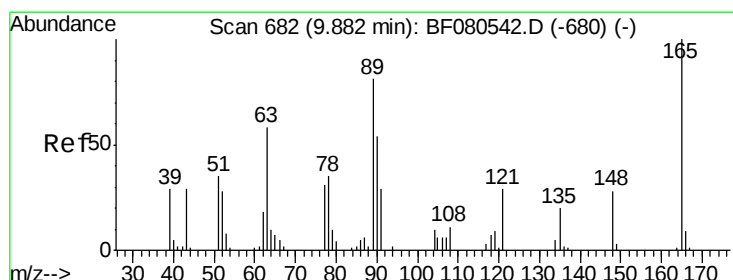
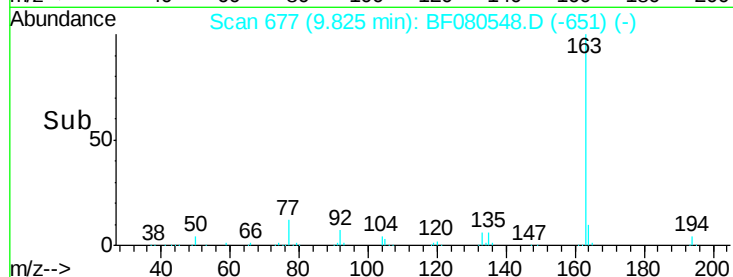
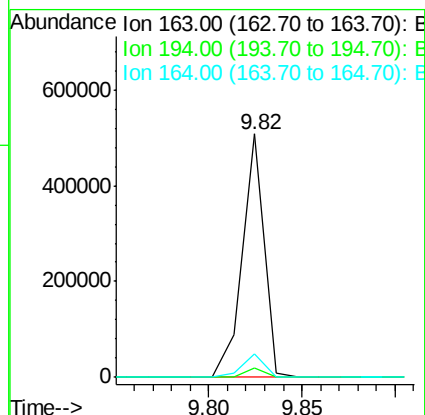
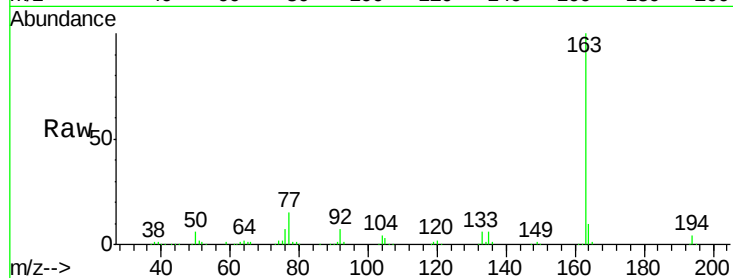
#49  
Dimethylphthalate  
Concen: 71.27 ng  
RT: 9.82 min Scan# 677  
Delta R.T. -0.00 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 416452 |       |       |
| 194     | 3.7   | 2.7    | 4.1   |       |
| 164     | 9.8   | 7.4    | 11.2  |       |

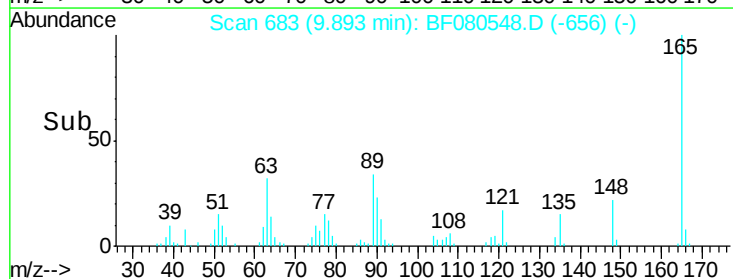
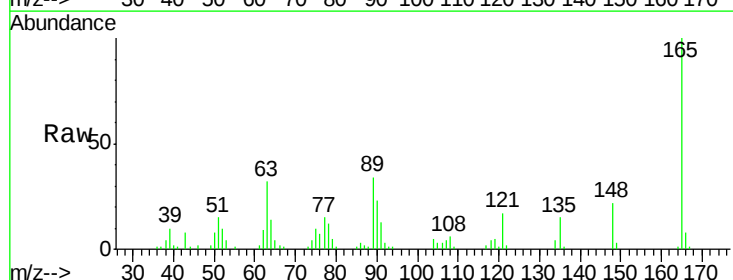
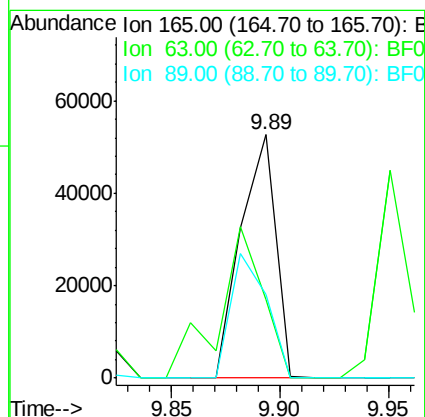
Manual Integrations  
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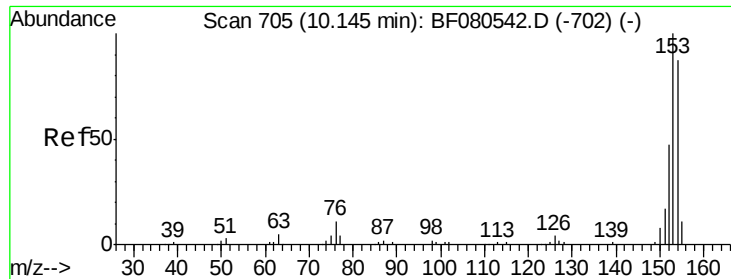
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#50  
2,6-Dinitrotoluene  
Concen: 48.70 ng  
RT: 9.89 min Scan# 683  
Delta R.T. 0.01 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 165     | 100   | 58723 |        |       |
| 63      | 32.1  | 74.5  | 111.7# |       |
| 89      | 34.3  | 64.6  | 97.0#  |       |





#51

Acenaphthene

Concen: 46.80 ng

RT: 10.14 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF080548.D

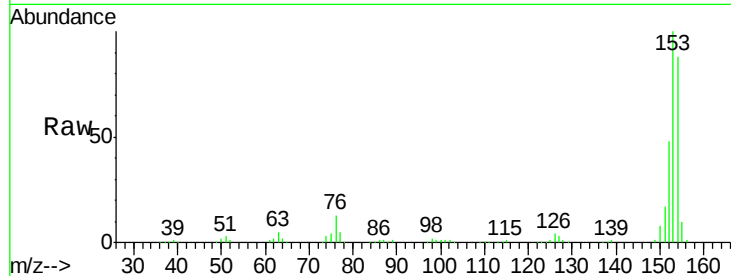
Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

ClientSampleId :

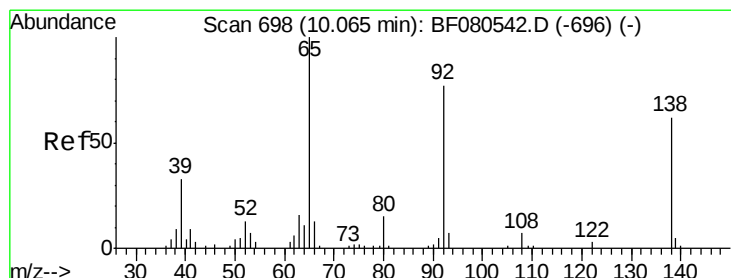
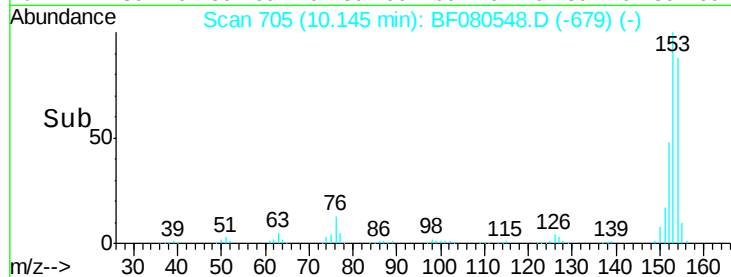
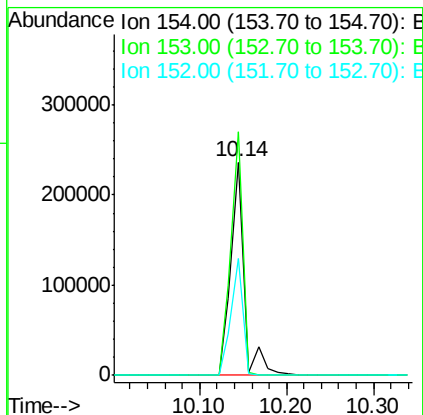
FK-BPM-02-I5-I6-I7-I8MSD



| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 114.1 | 92.3 | 138.5 |       |
| 152     | 55.0  | 43.4 | 65.2  |       |

Manual Integrations  
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#52

3-Nitroaniline

Concen: 27.65 ng

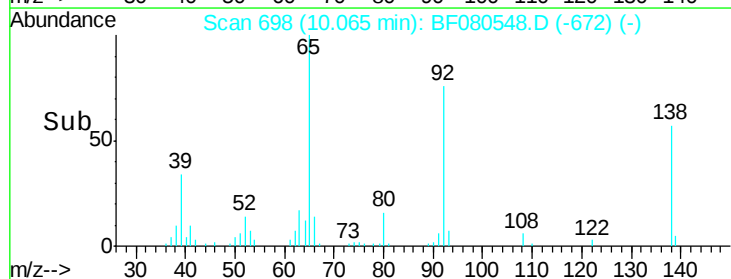
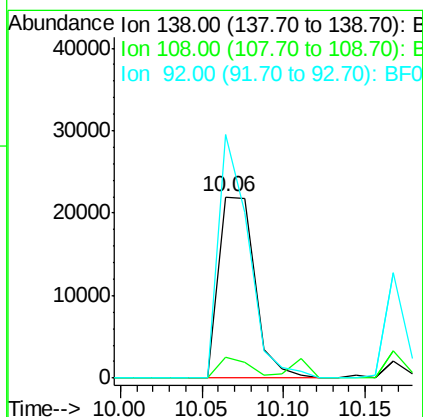
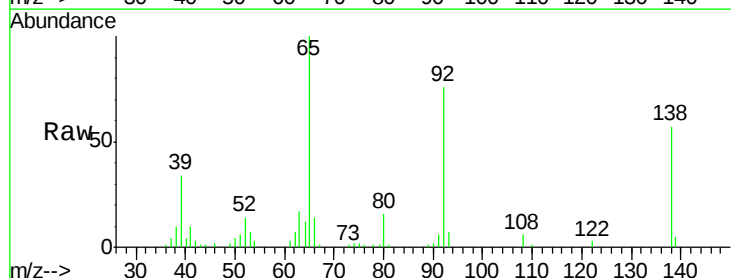
RT: 10.06 min Scan# 698

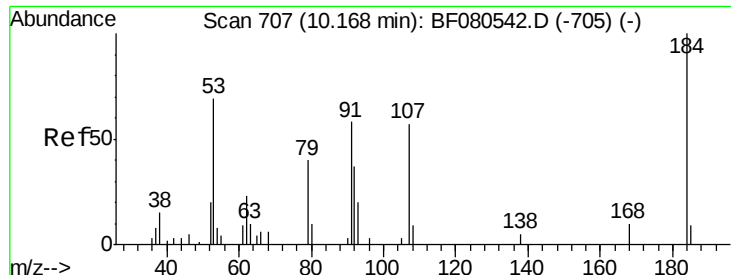
Delta R.T. 0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

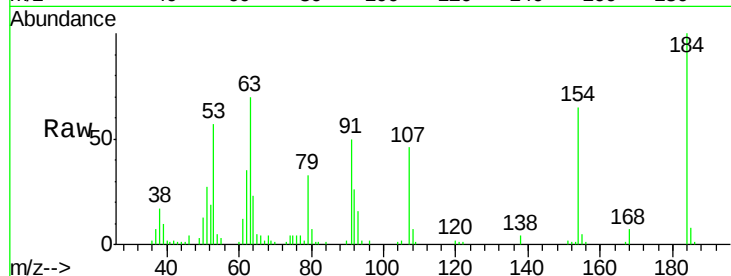
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 138     | 100   |      |       |       |
| 108     | 11.4  | 8.6  | 12.8  |       |
| 92      | 134.2 | 99.7 | 149.5 |       |





#53  
 2,4-Dinitrophenol  
 Concen: 76.42 ng  
 RT: 10.17 min Scan# 707  
 Delta R.T. 0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

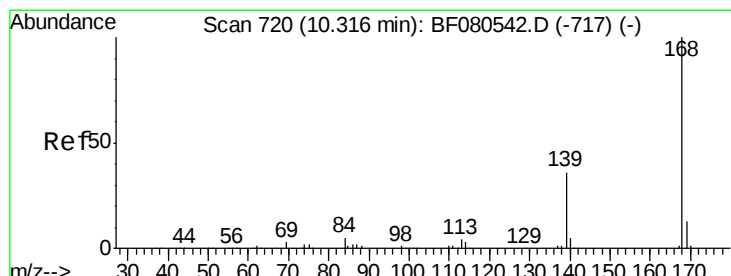
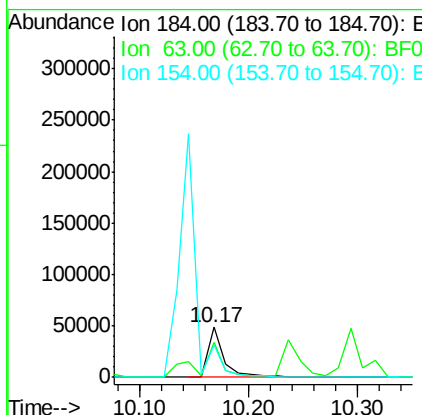
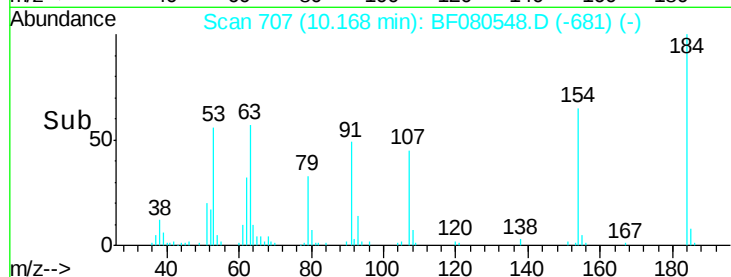
Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD



Tgt Ion:184 Resp: 49971  
 Ion Ratio Lower Upper  
 184 100  
 63 69.8 74.8 112.2#  
 154 64.7 55.6 83.4

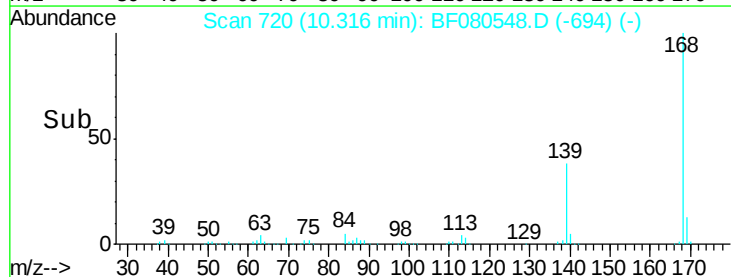
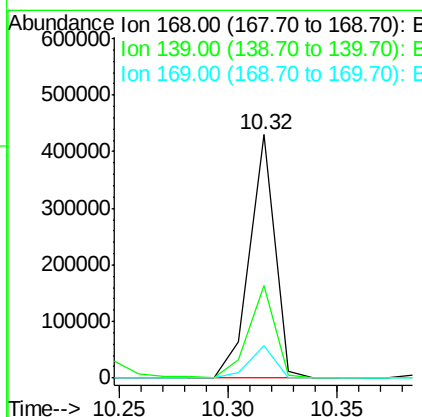
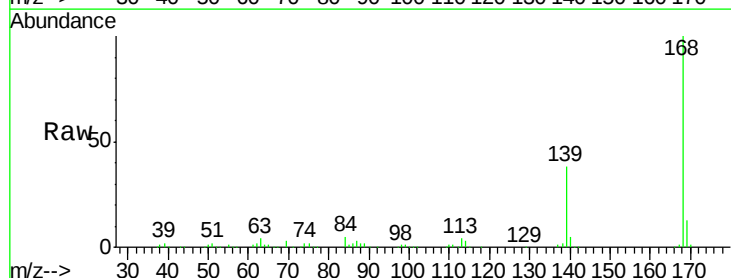
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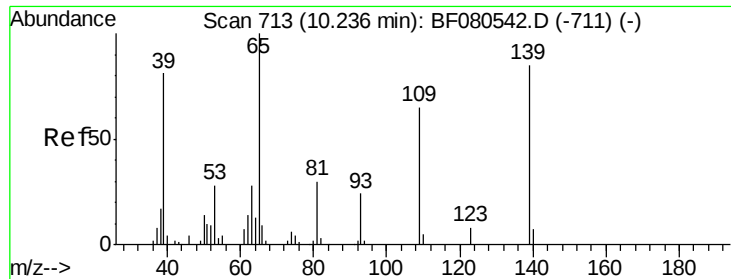
apatel  
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#54  
 Dibenzofuran  
 Concen: 45.99 ng  
 RT: 10.32 min Scan# 720  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

Tgt Ion:168 Resp: 347596  
 Ion Ratio Lower Upper  
 168 100  
 139 37.9 29.0 43.4  
 169 13.3 10.6 15.8





#55

4-Nitrophenol

Concen: 98.73 ng

RT: 10.24 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

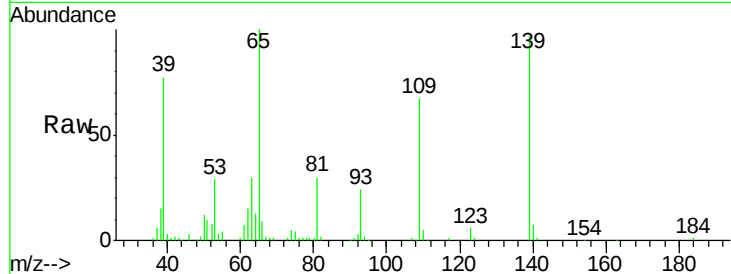
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

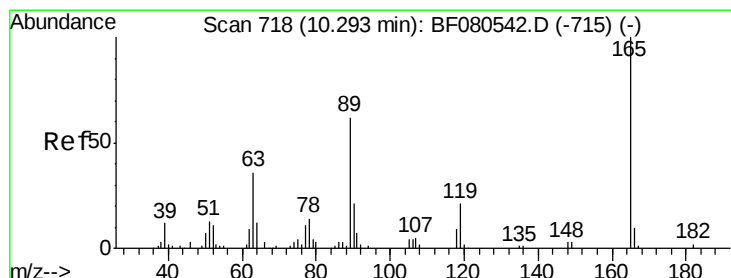
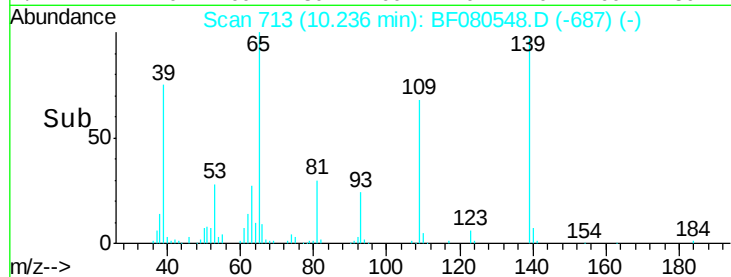
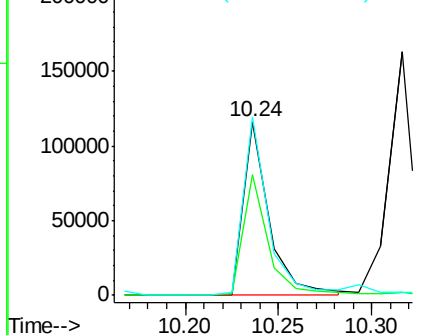
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 139   | Resp: | 111351 |
| Ion Ratio | Lower | Upper |        |
| 139       | 100   |       |        |
| 109       | 69.4  | 56.0  | 96.0   |
| 65        | 103.0 | 97.3  | 137.3  |

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



#56

2,4-Dinitrotoluene

Concen: 50.96 ng

RT: 10.29 min Scan# 718

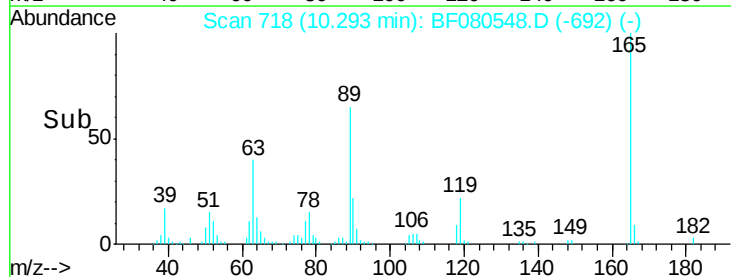
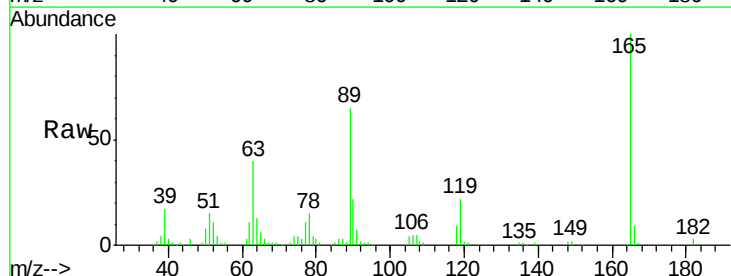
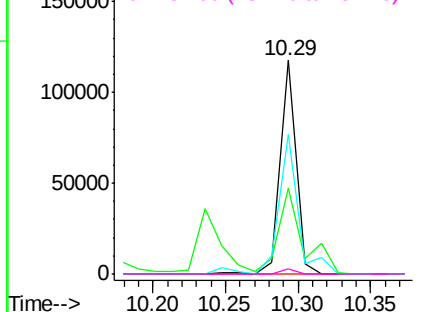
Delta R.T. 0.00 min

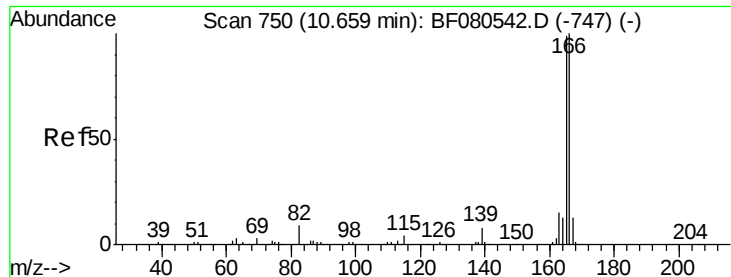
Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 90001 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 40.4  | 30.2  | 45.4  |
| 89        | 65.3  | 49.9  | 74.9  |
| 182       | 2.6   | 1.8   | 2.6   |

Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0  
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 46.56 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

ClientSampleId :

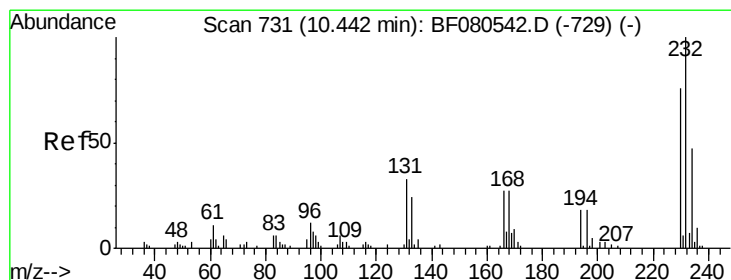
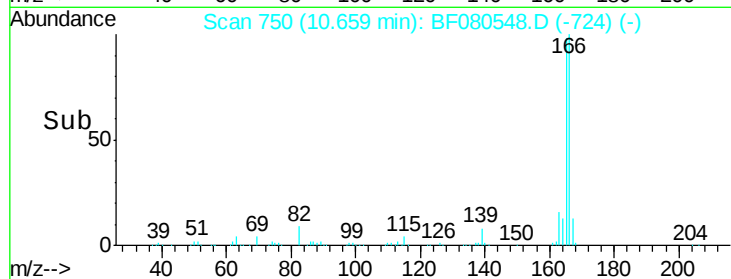
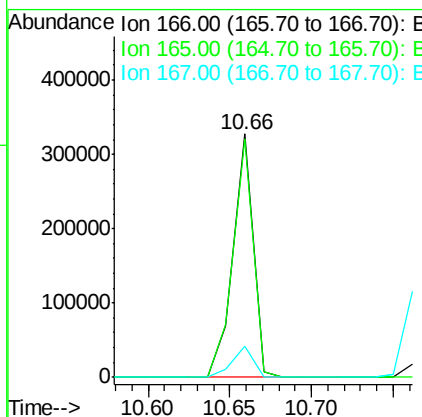
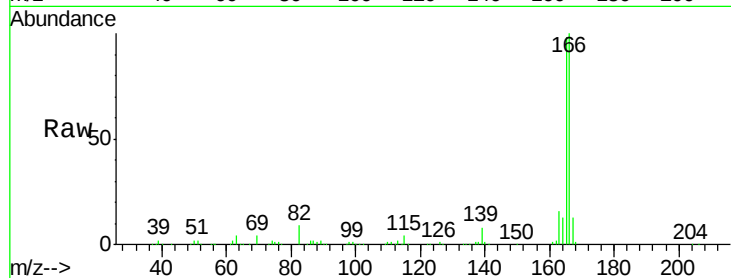
FK-BPM-02-I5-I6-I7-I8MSD

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| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 278871 |       |       |
| 165     | 98.1  | 79.0   | 118.4 |       |
| 167     | 12.8  | 10.1   | 15.1  |       |



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.59 ng

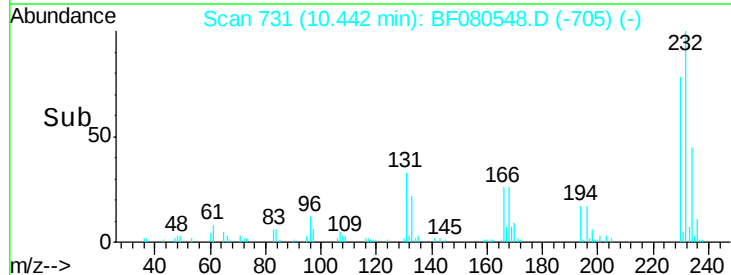
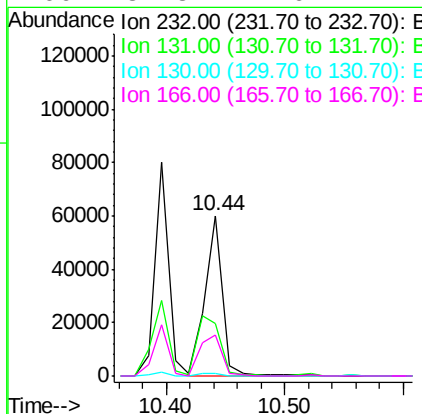
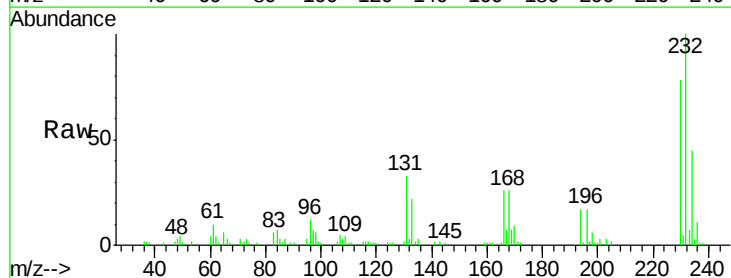
RT: 10.44 min Scan# 731

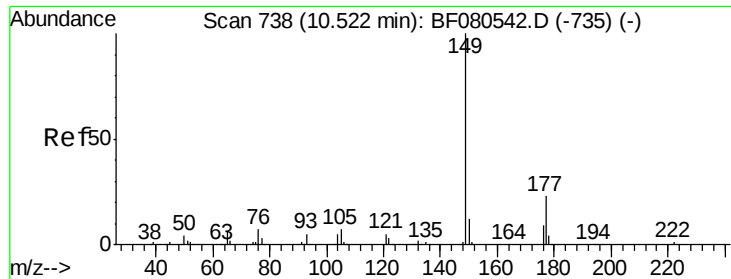
Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 61852 |       |       |
| 131     | 49.5  | 42.7  | 64.1  |       |
| 130     | 2.4   | 1.8   | 2.6   |       |
| 166     | 32.3  | 27.6  | 41.4  |       |





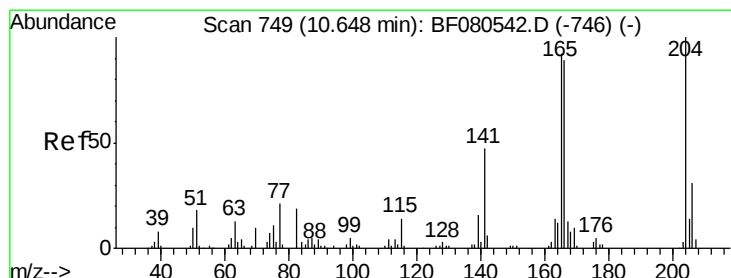
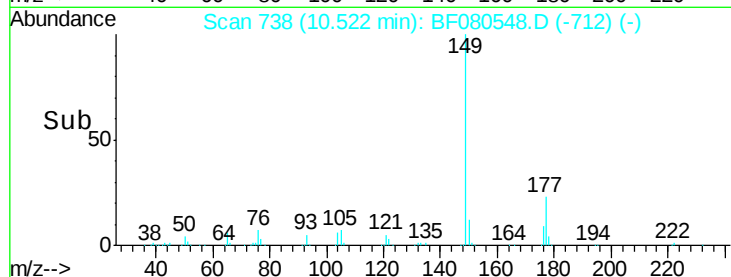
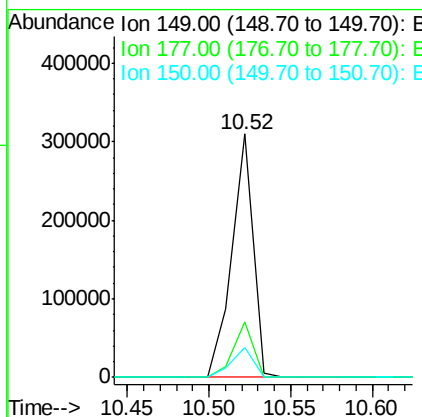
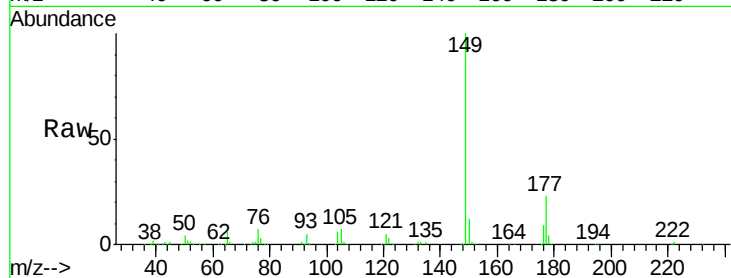
#59  
Diethylphthalate  
Concen: 50.09 ng  
RT: 10.52 min Scan# 738  
Delta R.T. -0.00 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 276332 |       |       |
| 177     | 22.7  | 18.4   | 27.6  |       |
| 150     | 12.1  | 9.6    | 14.4  |       |

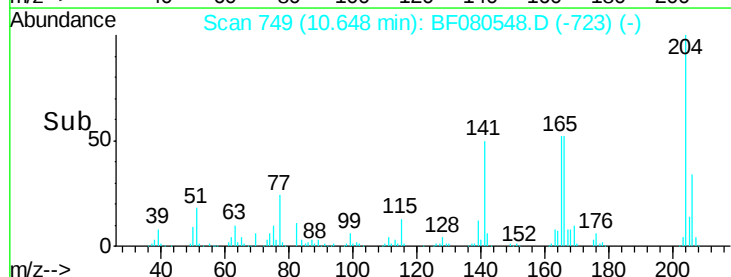
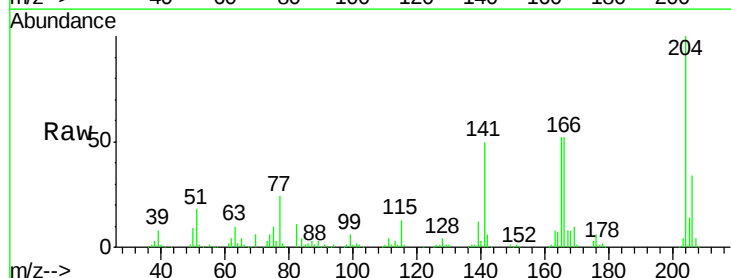
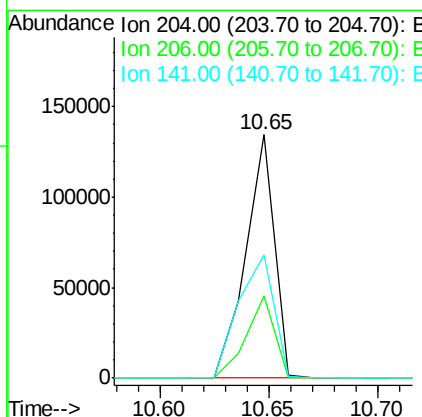
Manual Integrations  
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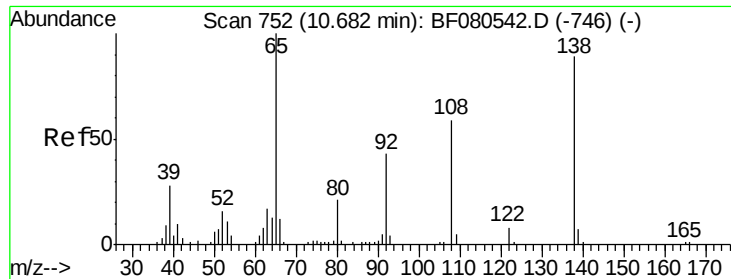
apatel  
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#60  
4-Chlorophenyl-phenylether  
Concen: 45.78 ng  
RT: 10.65 min Scan# 749  
Delta R.T. -0.00 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 122812 |       |       |
| 206     | 33.7  | 24.9   | 37.3  |       |
| 141     | 50.5  | 37.9   | 56.9  |       |





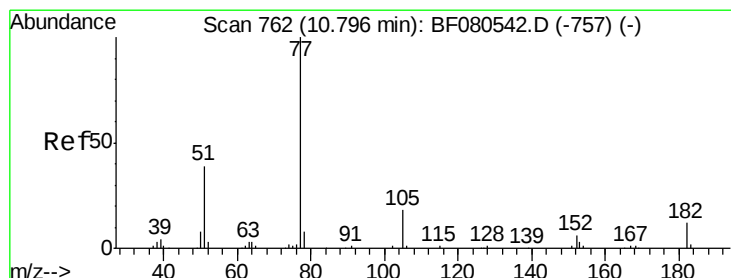
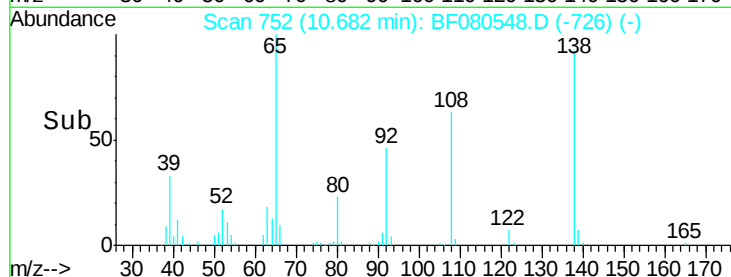
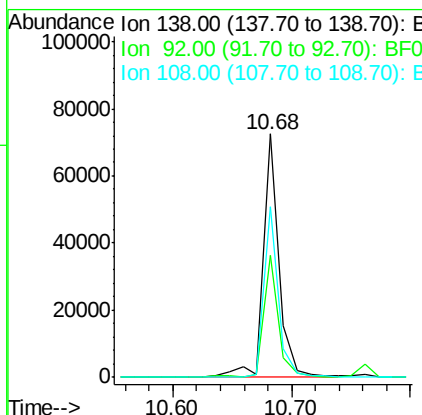
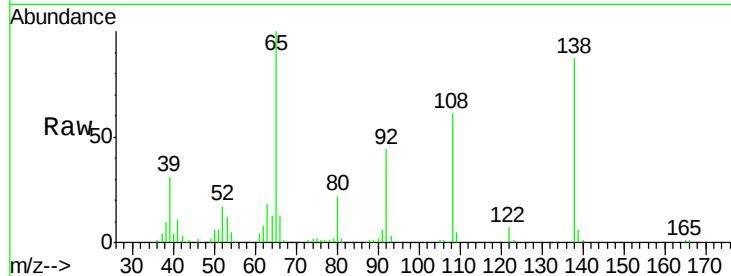
#61  
4-Nitroaniline  
Concen: 46.84 ng  
RT: 10.68 min Scan# 752  
Delta R.T. -0.00 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 138     | 100   | 66989 |       |       |
| 92      | 50.3  | 28.9  | 68.9  |       |
| 108     | 70.0  | 46.9  | 86.9  |       |

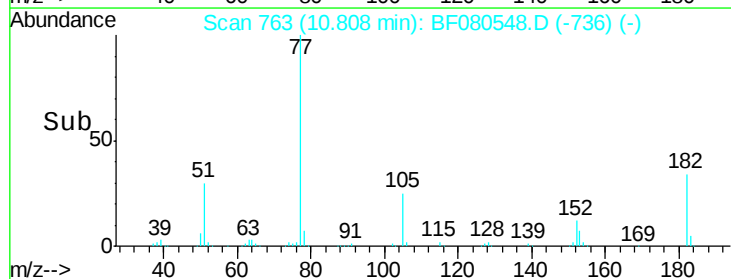
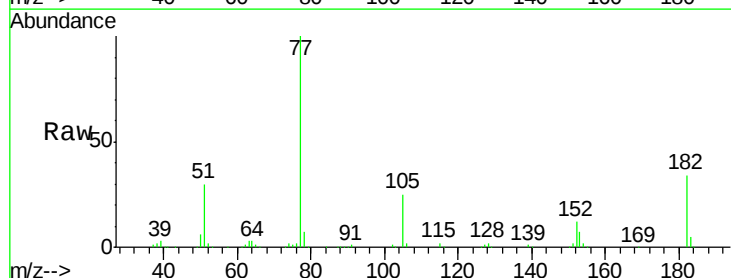
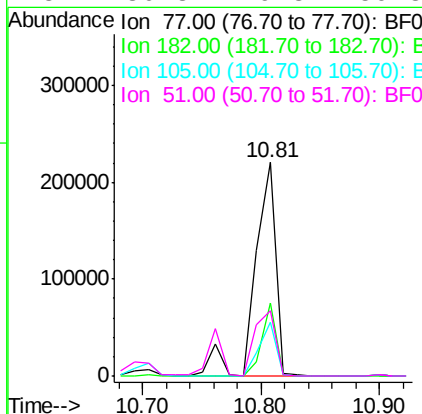
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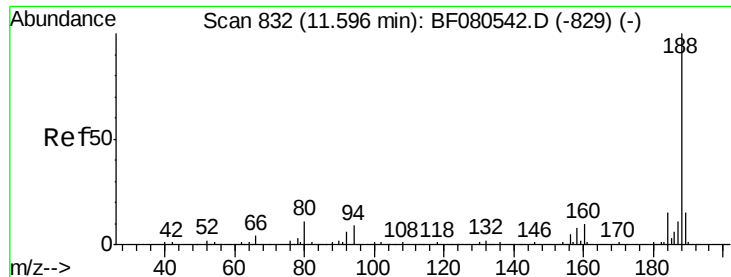
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#62  
Azobenzene  
Concen: 48.67 ng  
RT: 10.81 min Scan# 763  
Delta R.T. 0.01 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 270161 |       |       |
| 182     | 33.9  | 0.0    | 31.9# |       |
| 105     | 25.0  | 0.0    | 38.0  |       |
| 51      | 30.3  | 19.8   | 59.8  |       |





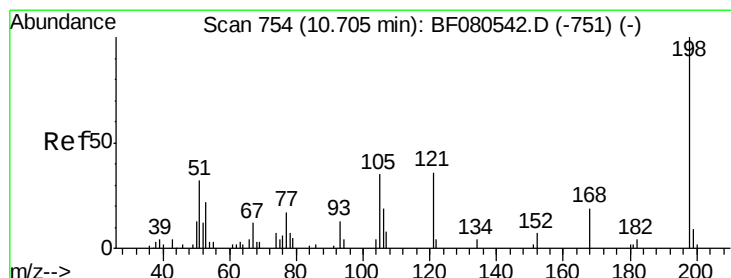
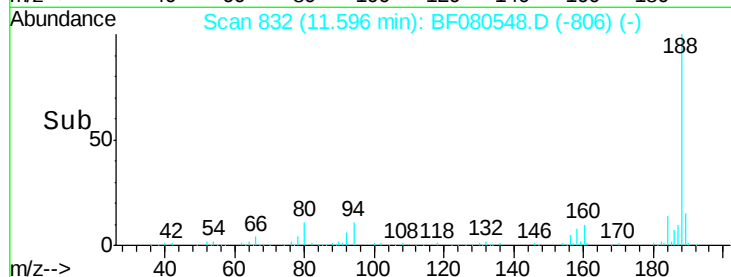
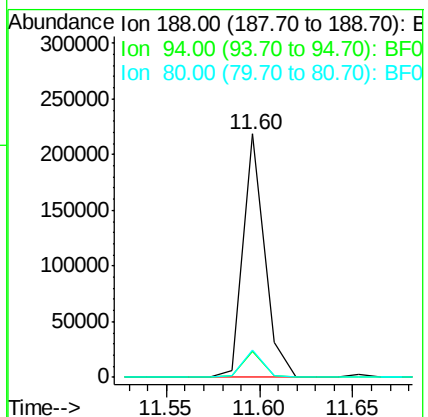
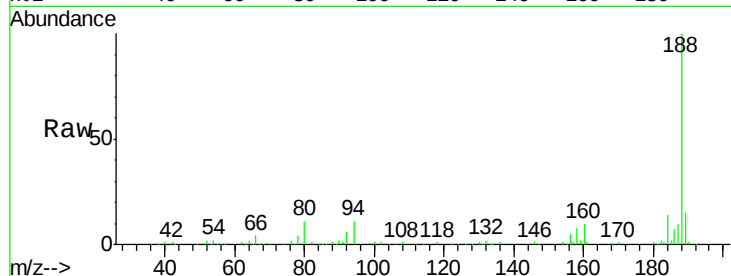
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.60 min Scan# 832  
Delta R.T. -0.00 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 10.6  | 7.6        | 11.4       |
| 80      | 11.1  | 8.6        | 12.8       |

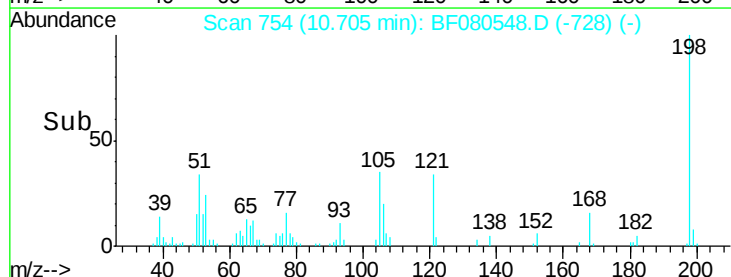
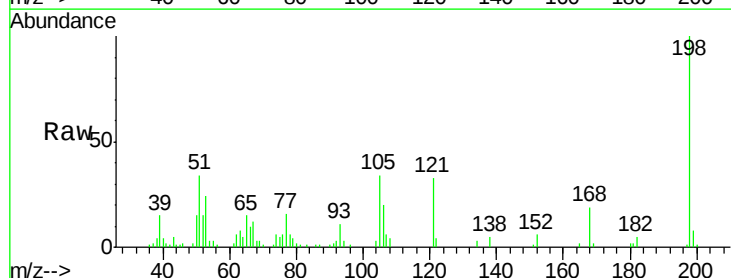
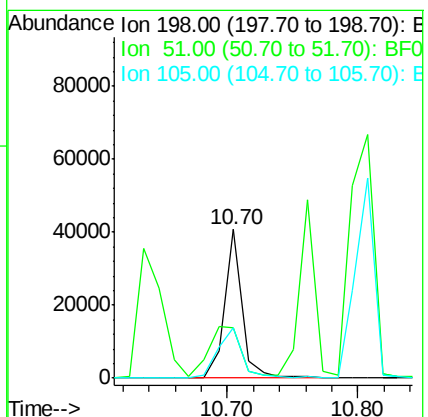
Manual Integrations  
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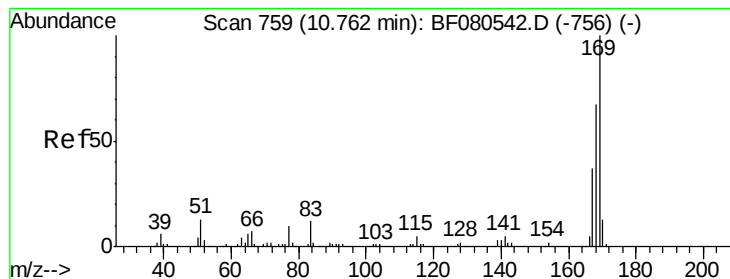
apatel  
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 45.46 ng  
RT: 10.70 min Scan# 754  
Delta R.T. 0.00 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 33.7  | 16.0       | 56.0       |
| 105     | 34.2  | 15.1       | 55.1       |





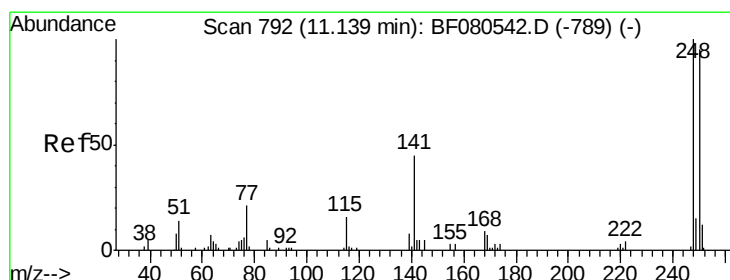
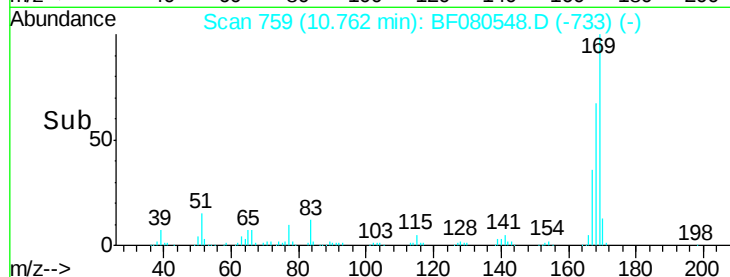
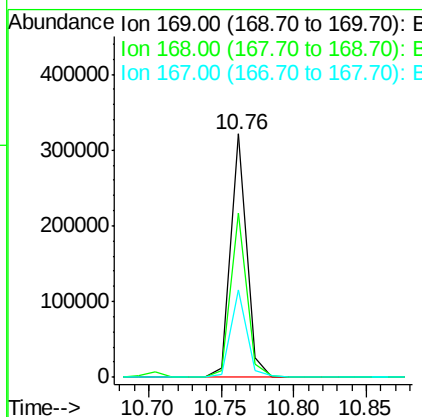
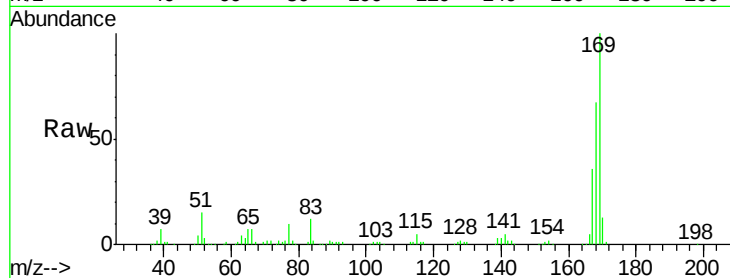
#65  
 n-Nitrosodiphenylamine  
 Concen: 42.56 ng  
 RT: 10.76 min Scan# 759  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 248097 |       |       |
| 168     | 67.4  | 53.3   | 79.9  |       |
| 167     | 36.1  | 29.3   | 43.9  |       |

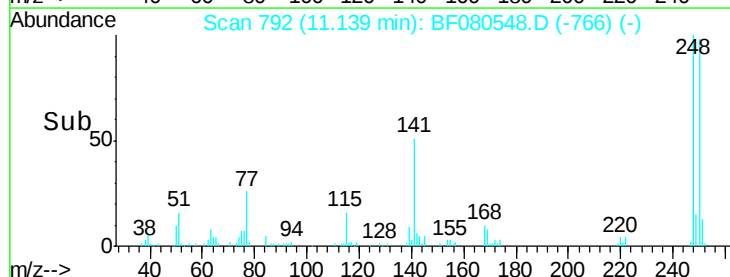
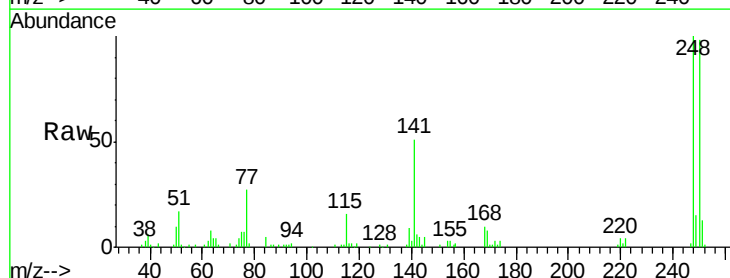
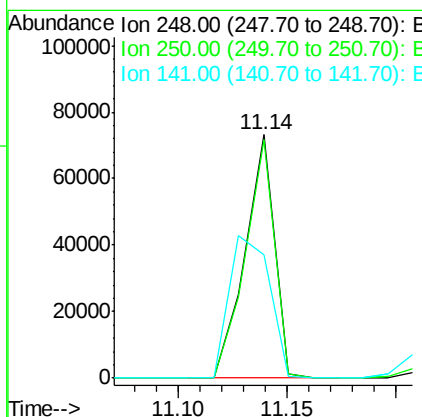
Manual Integrations  
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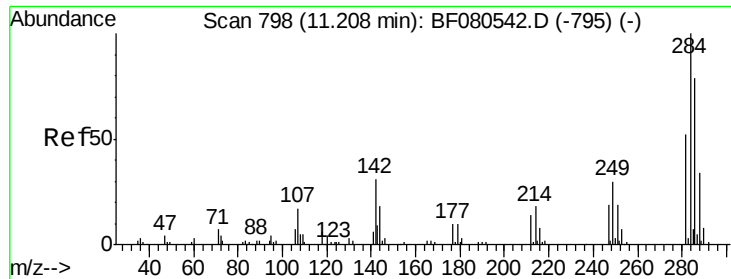
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#66  
 4-Bromophenyl-phenylether  
 Concen: 42.27 ng  
 RT: 11.14 min Scan# 792  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 248     | 100   | 68567 |       |       |
| 250     | 98.1  | 76.4  | 114.6 |       |
| 141     | 50.8  | 36.0  | 54.0  |       |





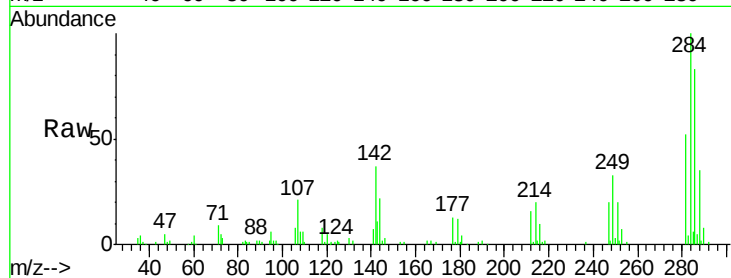
#67  
Hexachlorobenzene  
Concen: 41.31 ng  
RT: 11.21 min Scan# 798  
Delta R.T. -0.00 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-I5-I6-I7-I8MSD

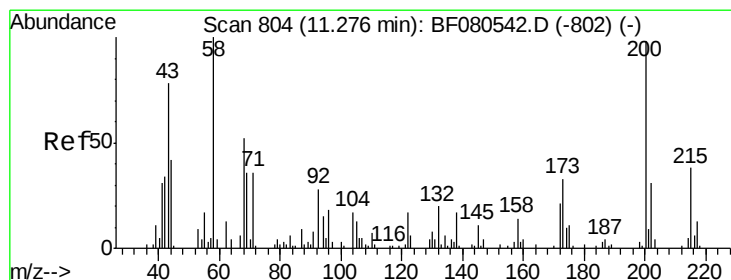
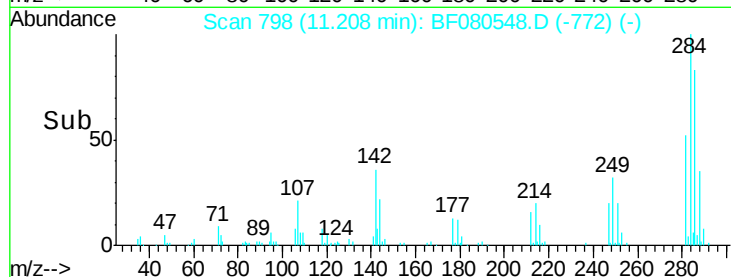
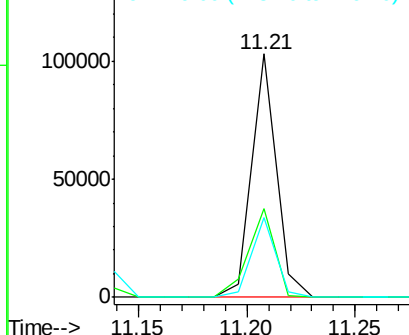
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 284     | 100   |            |            |
| 142     | 36.6  | 24.8       | 37.2       |
| 249     | 32.5  | 24.2       | 36.2       |

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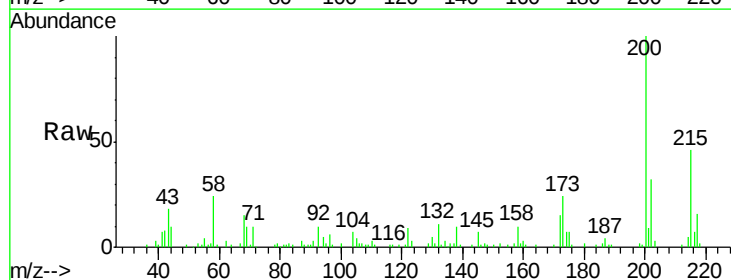


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

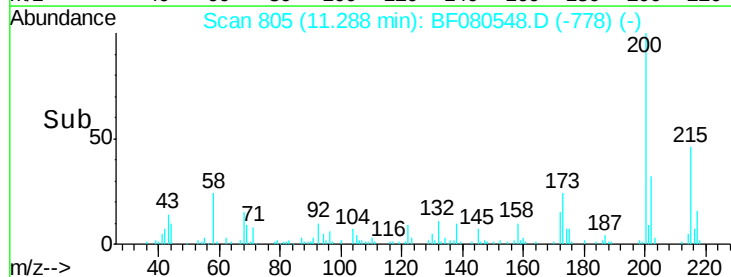
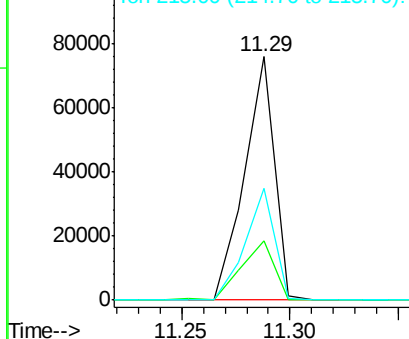


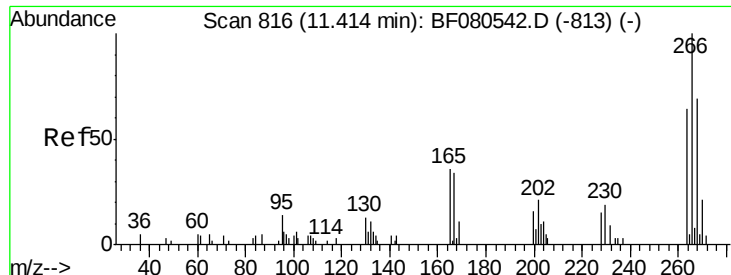
#68  
Atrazine  
Concen: 52.24 ng  
RT: 11.29 min Scan# 805  
Delta R.T. 0.01 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 24.3  | 13.2       | 53.2       |
| 215     | 46.2  | 18.7       | 58.7       |



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





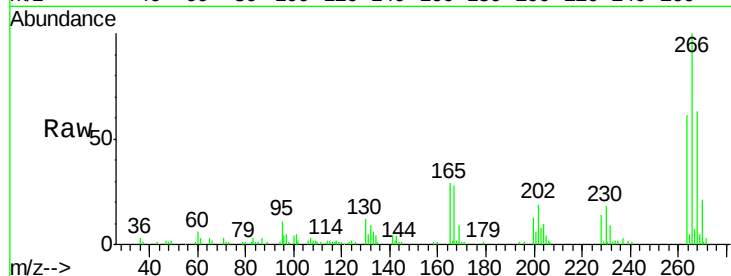
#69  
 Pentachlorophenol  
 Concen: 74.00 ng  
 RT: 11.41 min Scan# 816  
 Delta R.T. 0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD

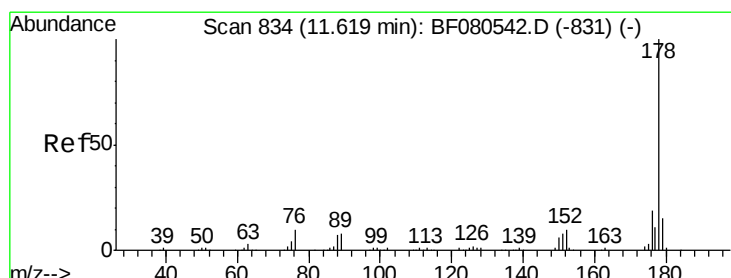
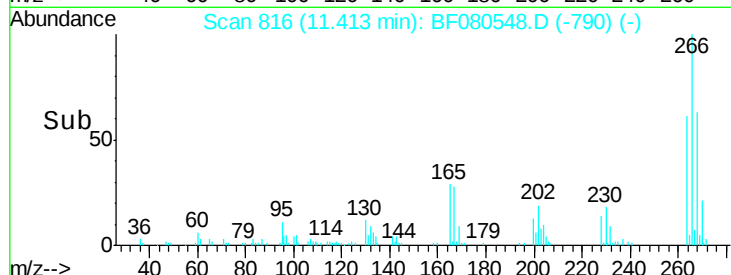
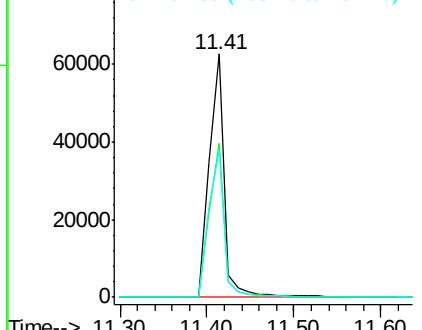
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 76321 |       |       |
| 268     | 63.2  | 55.0  | 82.6  |       |
| 264     | 60.6  | 51.4  | 77.0  |       |

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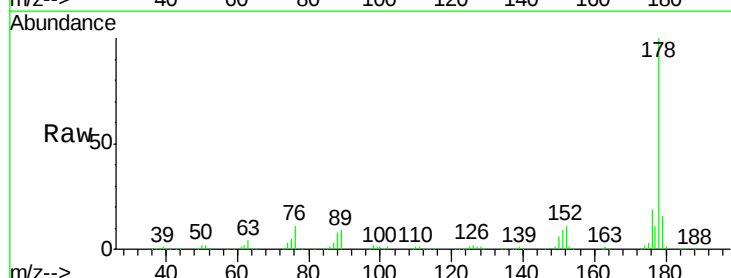


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

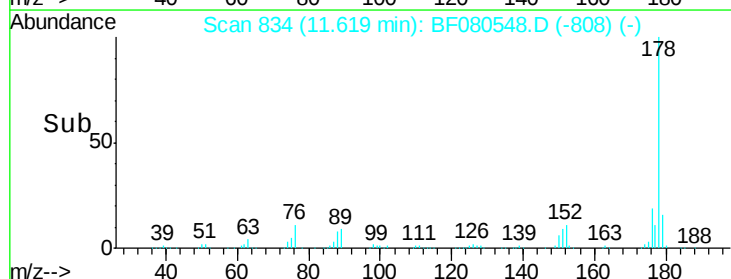
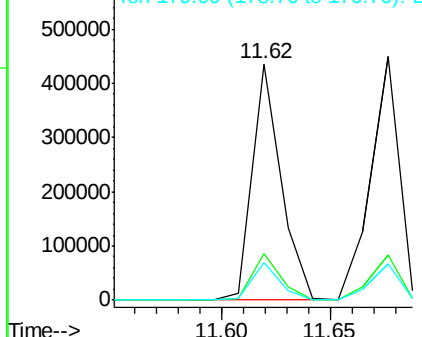


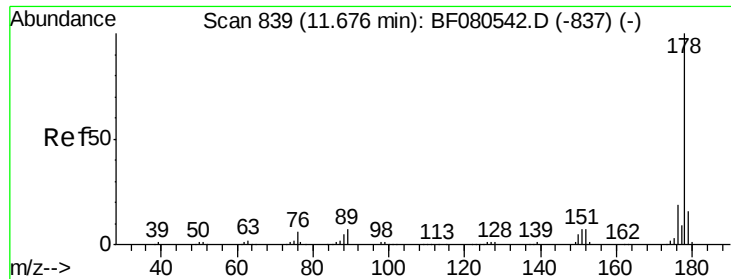
#70  
 Phenanthrene  
 Concen: 41.50 ng  
 RT: 11.62 min Scan# 834  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 400114 |       |       |
| 176     | 19.5  | 15.1   | 22.7  |       |
| 179     | 15.8  | 12.0   | 18.0  |       |



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





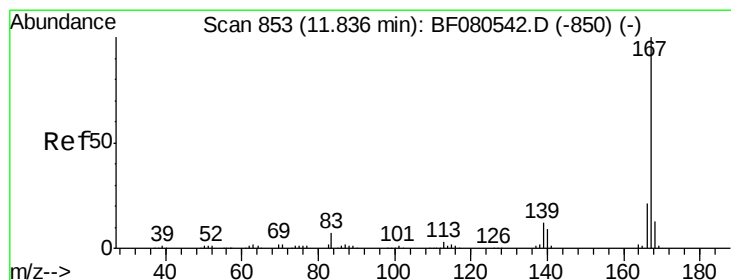
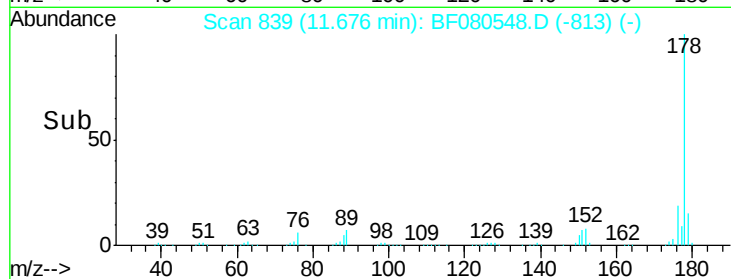
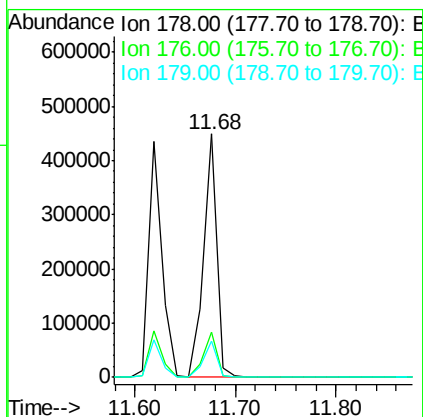
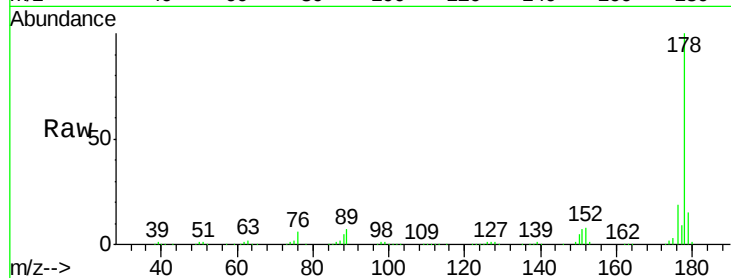
#71  
 Anthracene  
 Concen: 44.10 ng  
 RT: 11.68 min Scan# 839  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.6  | 15.4  | 23.2  |
| 179     | 15.1  | 12.4  | 18.6  |

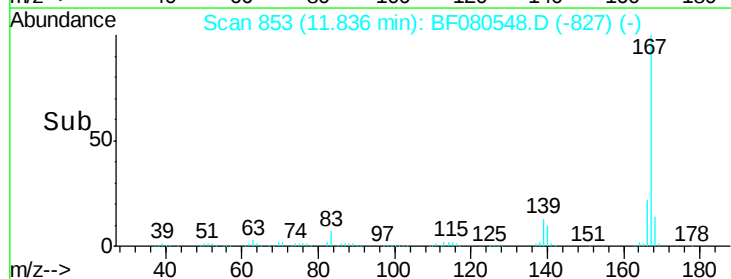
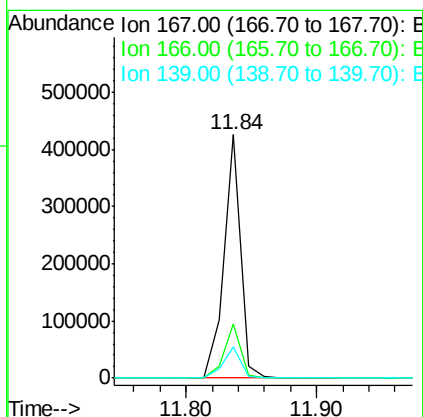
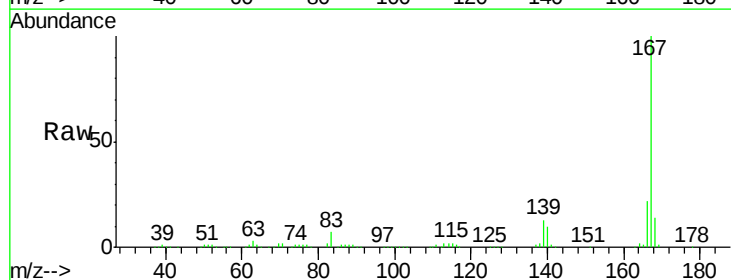
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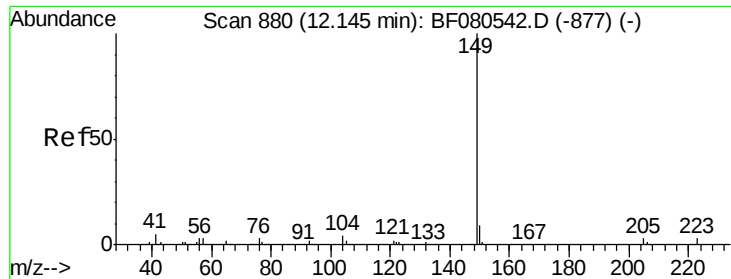
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#72  
 Carbazole  
 Concen: 45.24 ng  
 RT: 11.84 min Scan# 853  
 Delta R.T. -0.00 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.2  | 17.1  | 25.7  |
| 139     | 12.9  | 9.8   | 14.8  |





#73

Di-n-butylphthalate

Concen: 47.40 ng

RT: 12.14 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

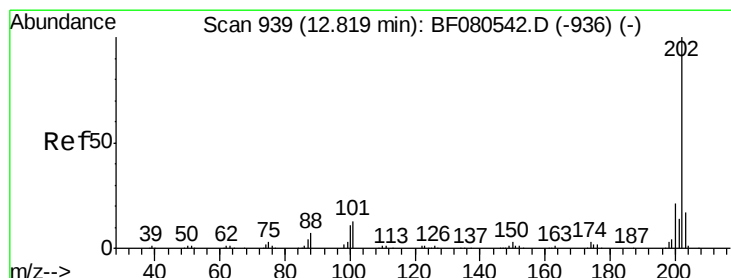
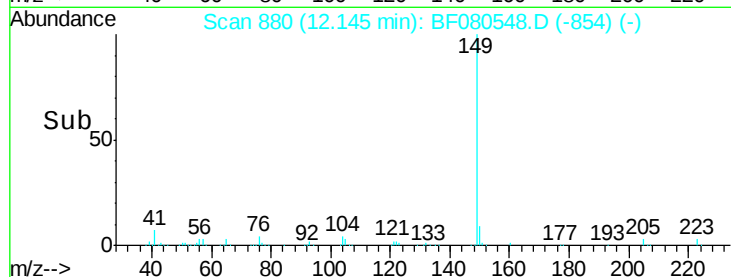
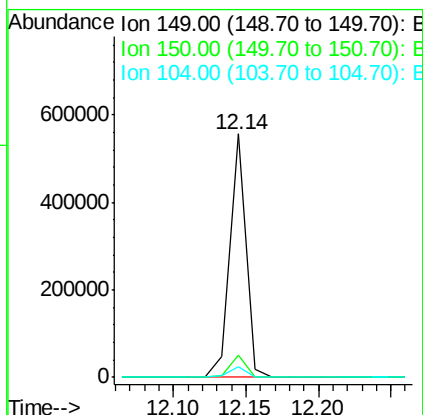
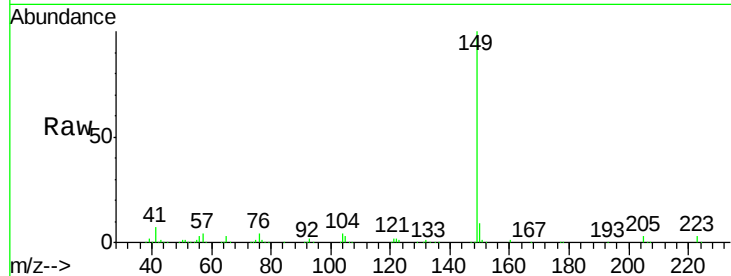
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 428497 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.2   | 7.1   | 10.7   |
| 104       | 4.2   | 3.1   | 4.7    |

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#74

Fluoranthene

Concen: 46.19 ng

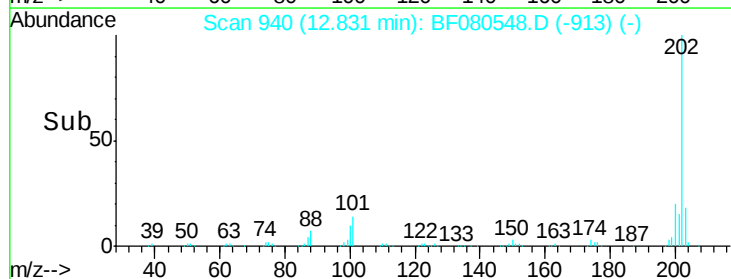
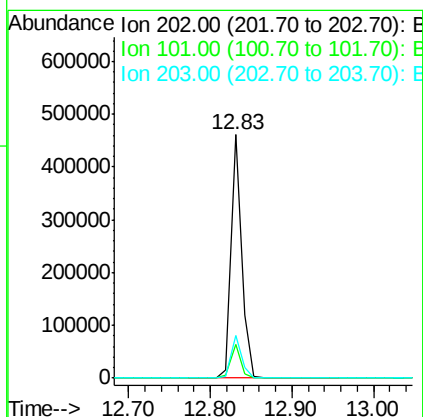
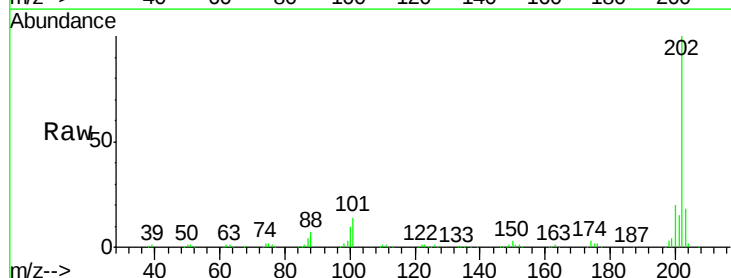
RT: 12.83 min Scan# 940

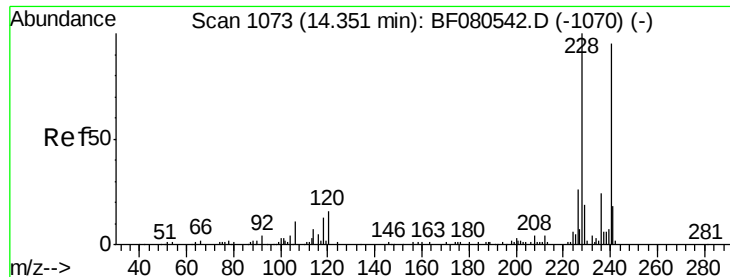
Delta R.T. 0.01 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 416322 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 13.9  | 0.0   | 32.9   |
| 203       | 17.6  | 0.0   | 37.3   |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.42 min Scan# 1079

Delta R.T. 0.07 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

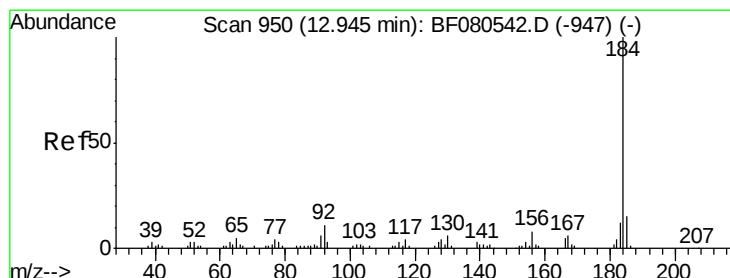
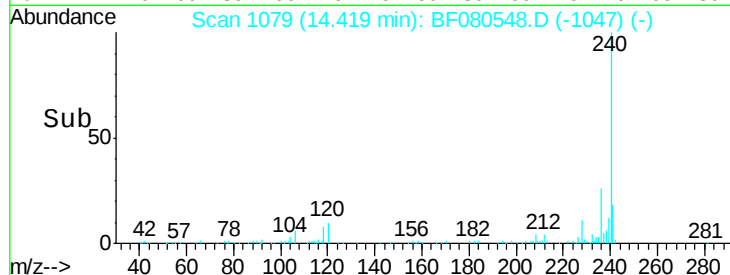
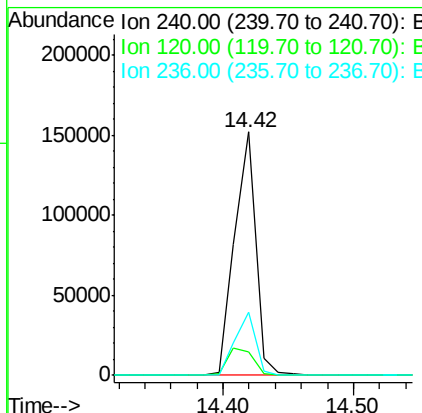
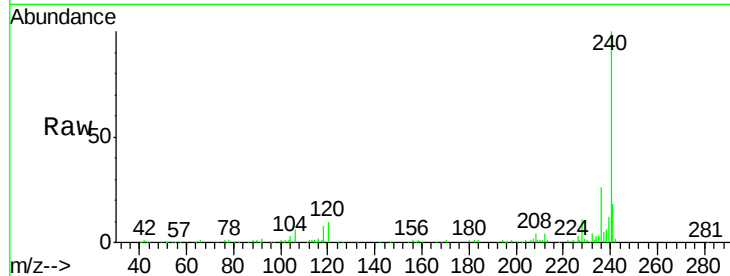
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 170602 |       |       |
| 120     | 9.7   | 13.6   | 20.4# |       |
| 236     | 26.0  | 20.2   | 30.4  |       |

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#76

Benzidine

Concen: 21.81 ng

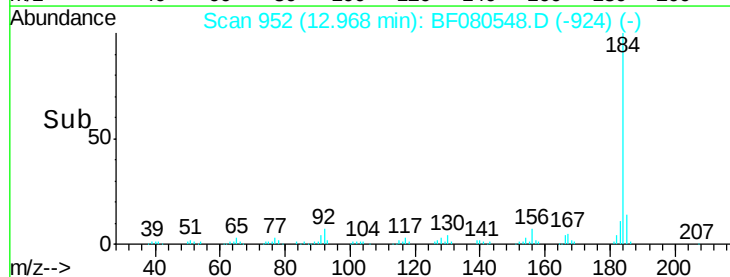
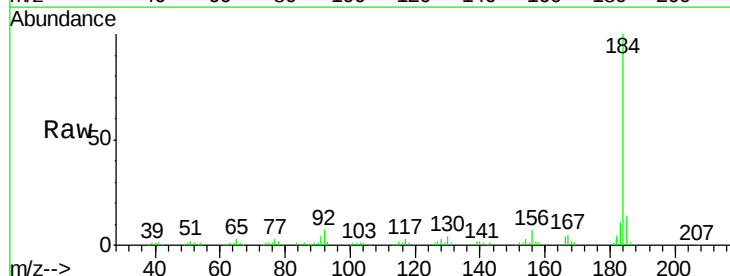
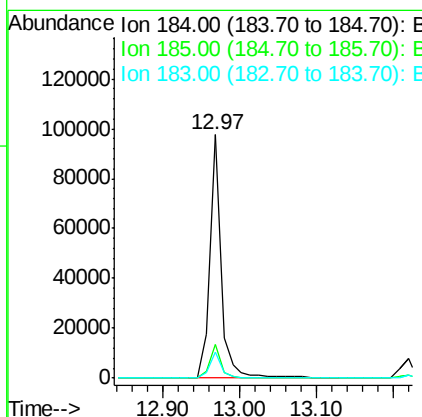
RT: 12.97 min Scan# 952

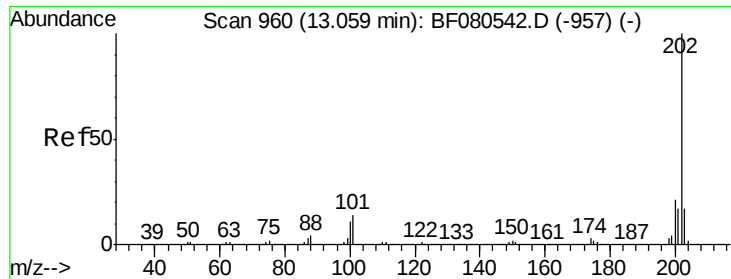
Delta R.T. 0.02 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 99573 |       |       |
| 185     | 13.8  | 11.9  | 17.9  |       |
| 183     | 10.9  | 9.3   | 13.9  |       |





#77

Pyrene

Concen: 38.99 ng

RT: 13.07 min Scan# 961

Delta R.T. 0.01 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

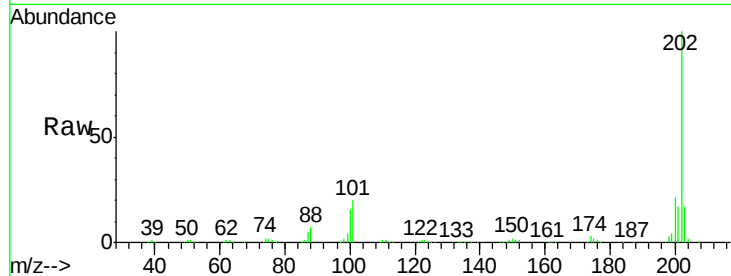
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

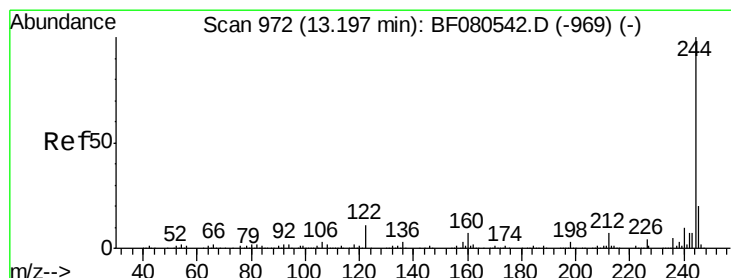
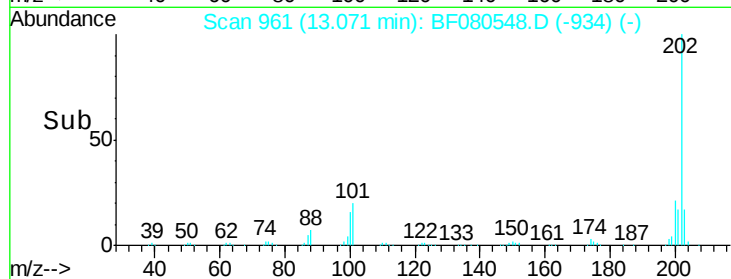
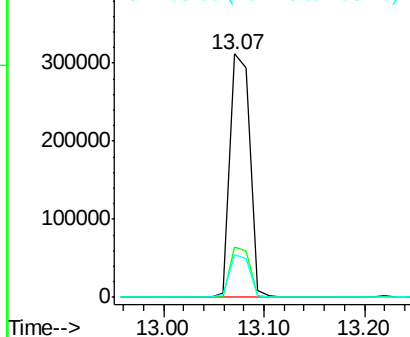
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 429276 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.8  | 16.7  | 25.1   |
| 203       | 17.5  | 14.0  | 21.0   |

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



#78

Terphenyl-d14

Concen: 74.39 ng

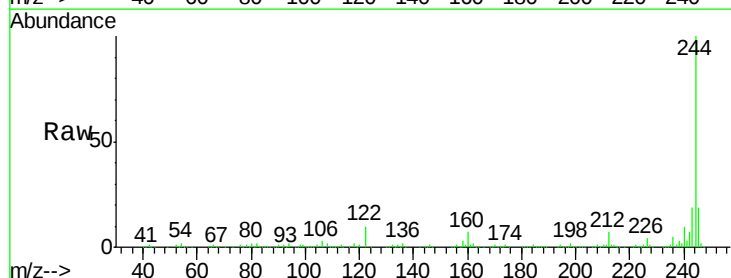
RT: 13.22 min Scan# 974

Delta R.T. 0.02 min

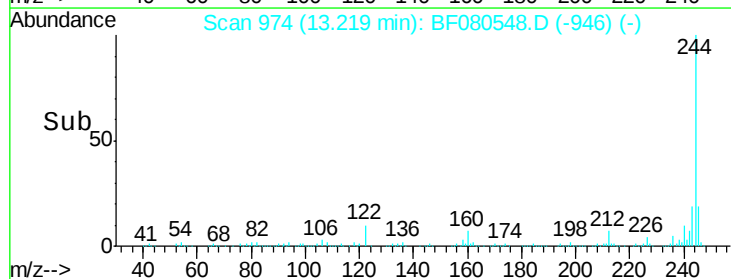
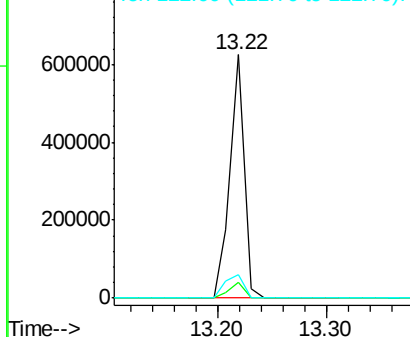
Lab File: BF080548.D

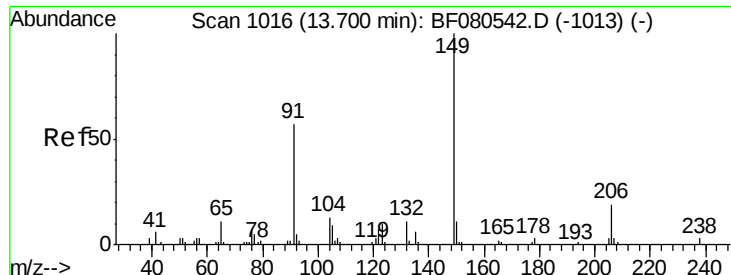
Acq: 17 Jul 2015 22:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 244   | Resp: | 568327 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 6.7   | 5.5   | 8.3    |
| 122       | 9.8   | 9.0   | 13.4   |



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





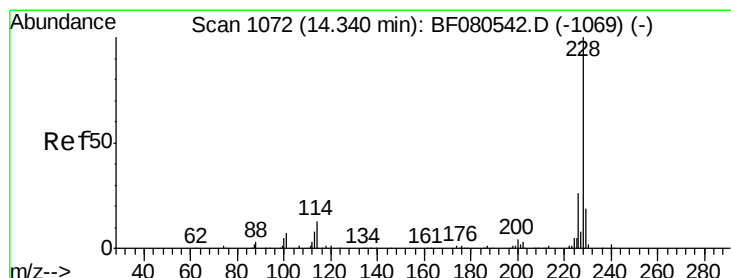
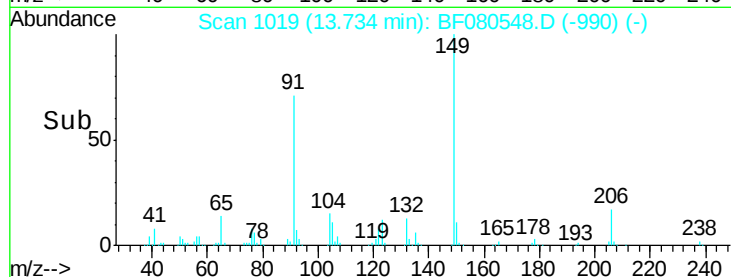
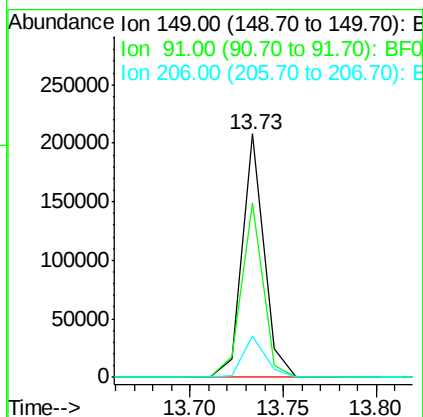
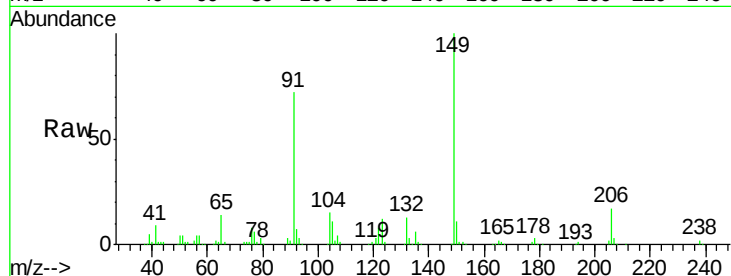
#79  
 Butylbenzylphthalate  
 Concen: 45.97 ng  
 RT: 13.73 min Scan# 1019  
 Delta R.T. 0.03 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 170195 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 71.5  | 45.6  | 68.4#  |
| 206       | 17.1  | 15.1  | 22.7   |

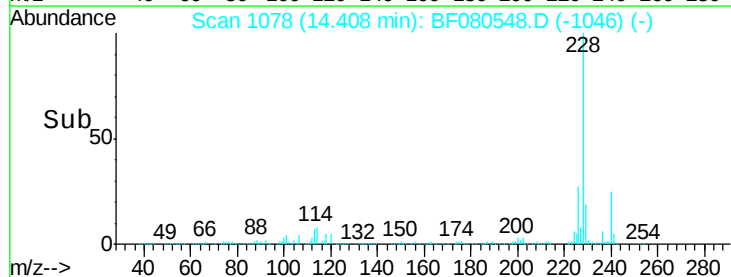
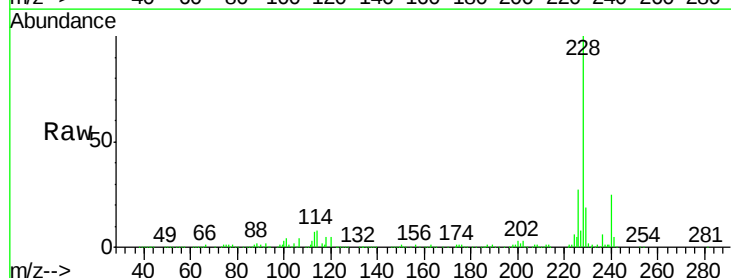
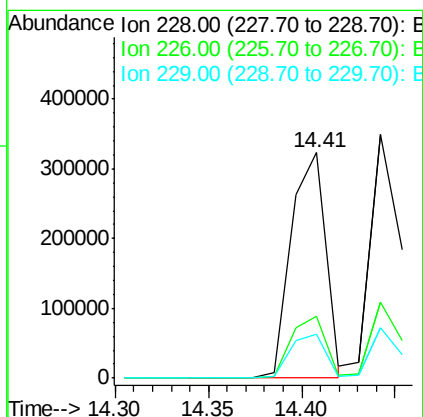
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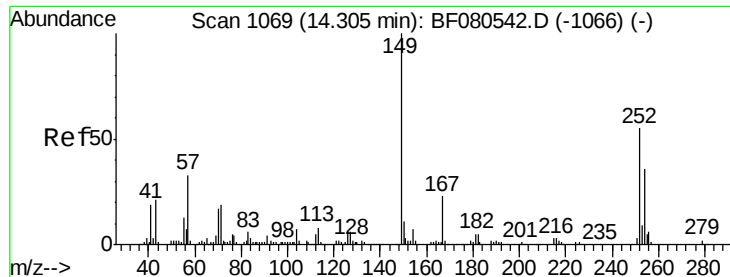
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#80  
 Benzo(a)anthracene  
 Concen: 44.18 ng  
 RT: 14.41 min Scan# 1078  
 Delta R.T. 0.07 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 419520 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.3  | 21.4  | 32.2   |
| 229       | 19.3  | 15.5  | 23.3   |





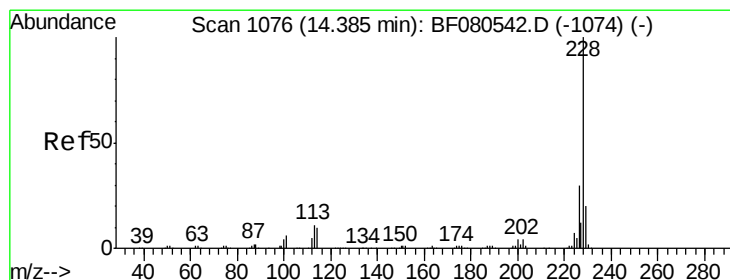
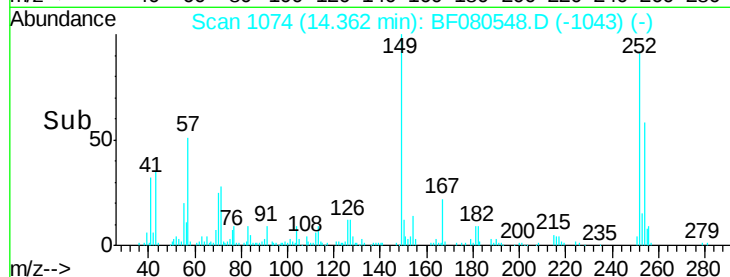
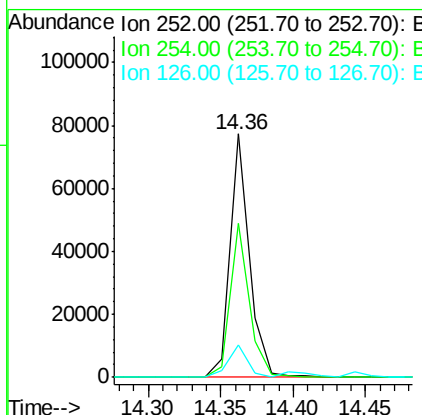
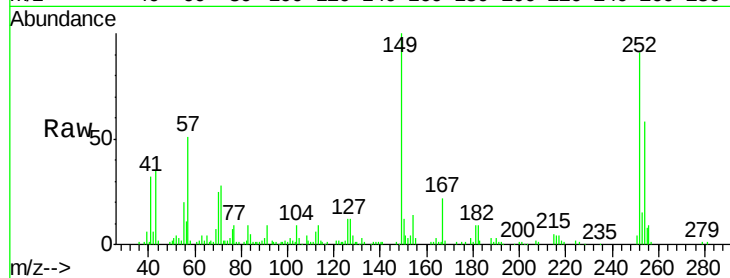
#81  
 3,3'-Dichlorobenzidine  
 Concen: 23.79 ng  
 RT: 14.36 min Scan# 1074  
 Delta R.T. 0.06 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.4  | 51.6  | 77.4  |
| 126     | 13.4  | 8.9   | 13.3  |

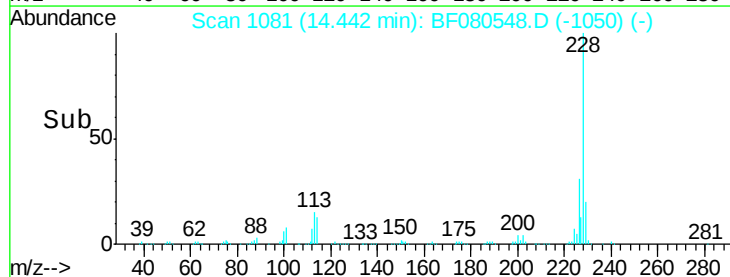
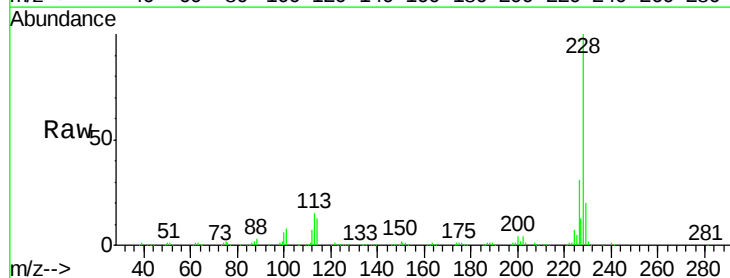
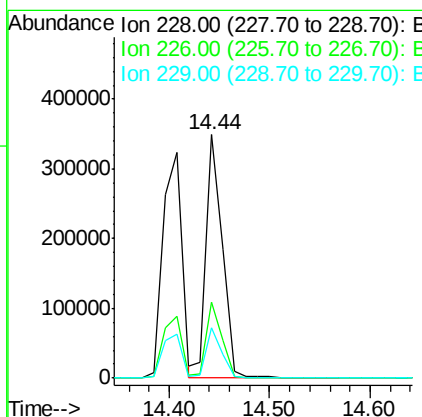
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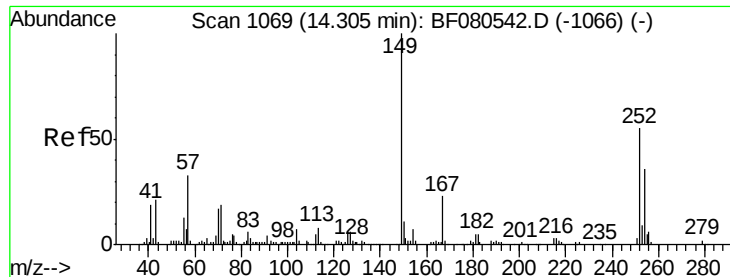
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#82  
 Chrysene  
 Concen: 41.41 ng  
 RT: 14.44 min Scan# 1081  
 Delta R.T. 0.06 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.1  | 24.1  | 36.1  |
| 229     | 20.4  | 15.8  | 23.6  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.92 ng

RT: 14.37 min Scan# 1075

Delta R.T. 0.07 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

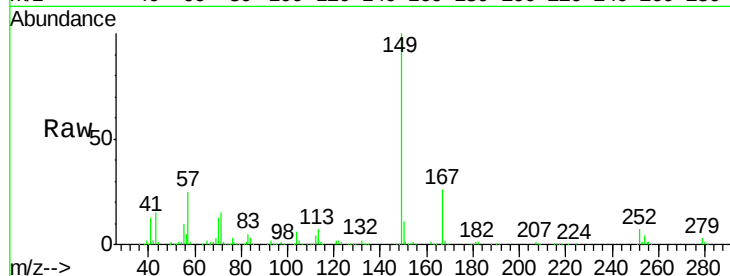
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

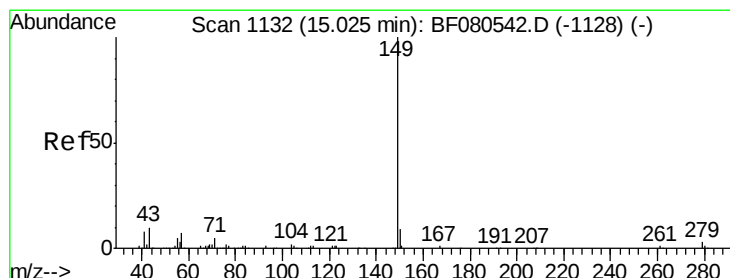
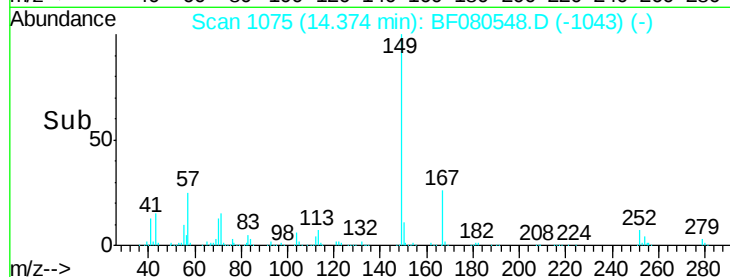
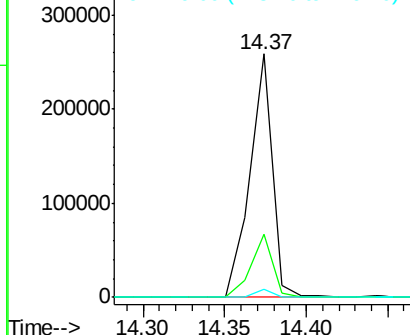
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 247244 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 25.7  | 18.6  | 27.8   |
| 279       | 3.4   | 1.6   | 2.4#   |

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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: 48.11 ng

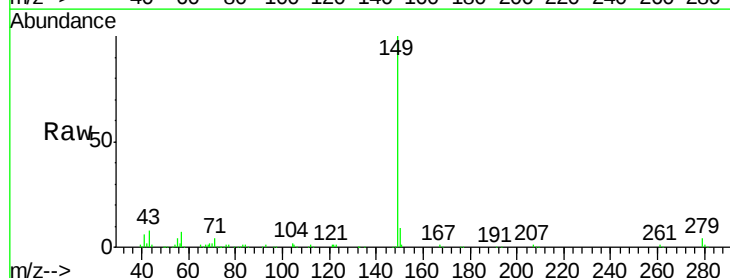
RT: 15.13 min Scan# 1141

Delta R.T. 0.10 min

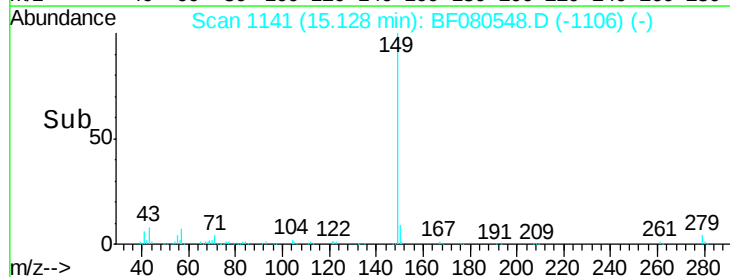
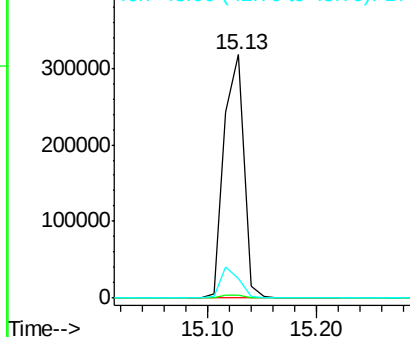
Lab File: BF080548.D

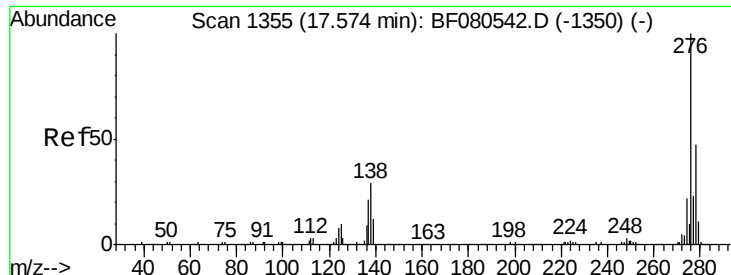
Acq: 17 Jul 2015 22:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 402216 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.4   | 1.0   | 1.6    |
| 43        | 12.2  | 10.0  | 15.0   |



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





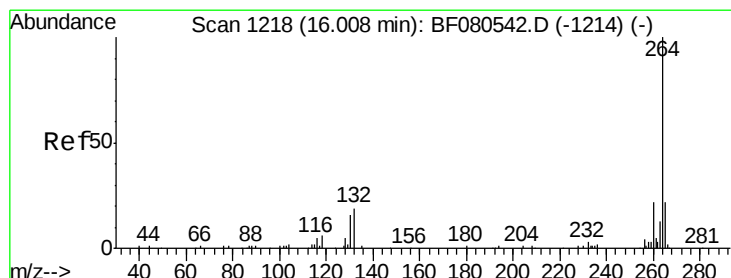
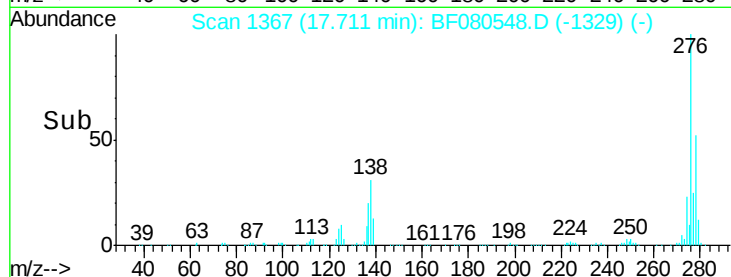
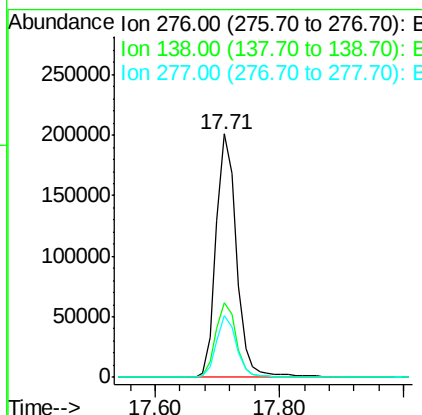
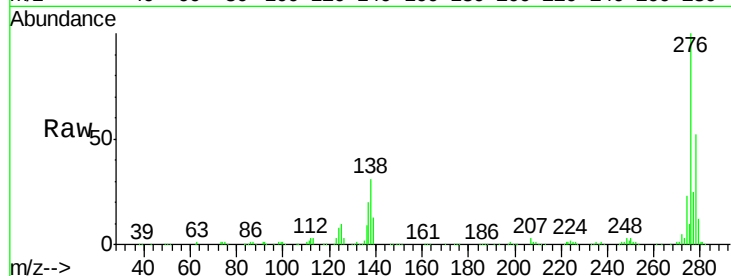
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.56 ng  
 RT: 17.71 min Scan# 1367  
 Delta R.T. 0.14 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 30.9  | 23.9  | 35.9  |
| 277     | 24.9  | 19.4  | 29.0  |

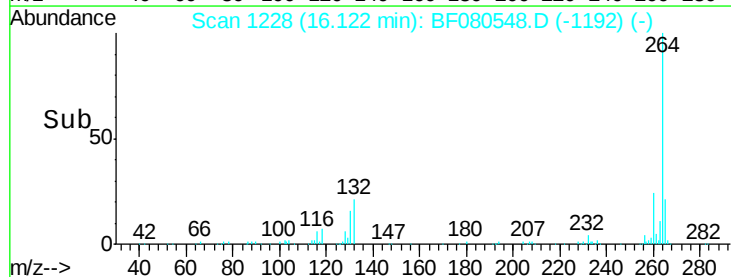
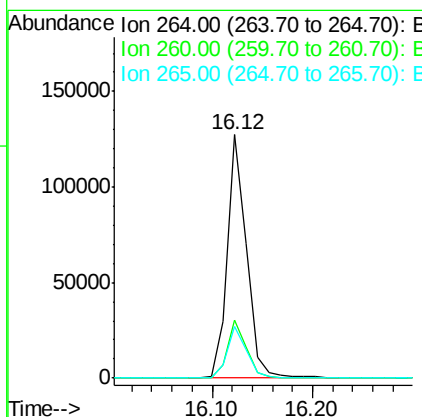
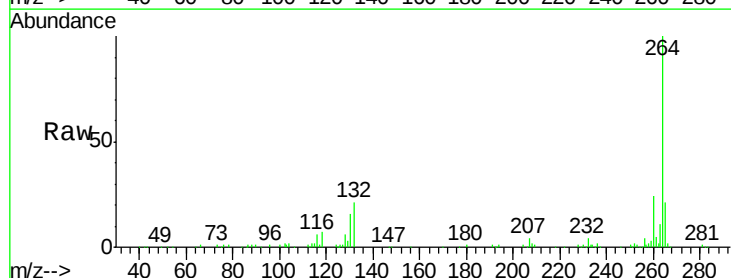
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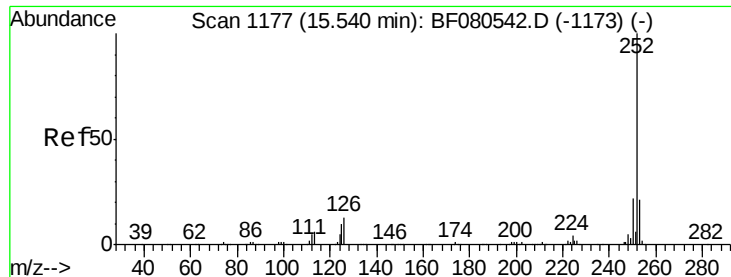
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 16.12 min Scan# 1228  
 Delta R.T. 0.11 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.1  | 17.8  | 26.8  |
| 265     | 21.3  | 17.2  | 25.8  |





#87

Benzo(b)fluoranthene

Concen: 38.44 ng m

RT: 15.65 min Scan# 1187

Delta R.T. 0.11 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

Instrument :

BNA\_F

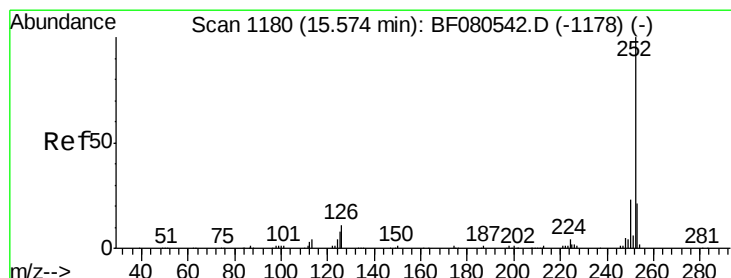
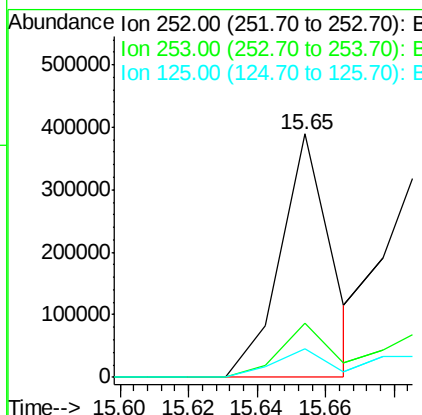
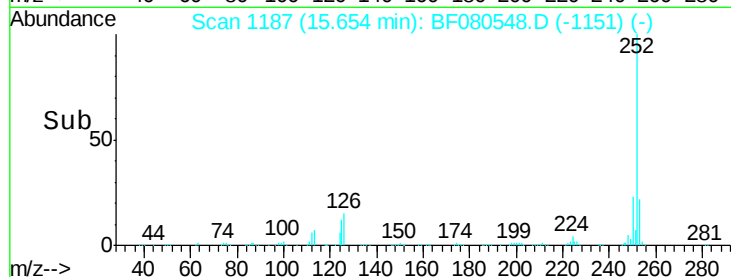
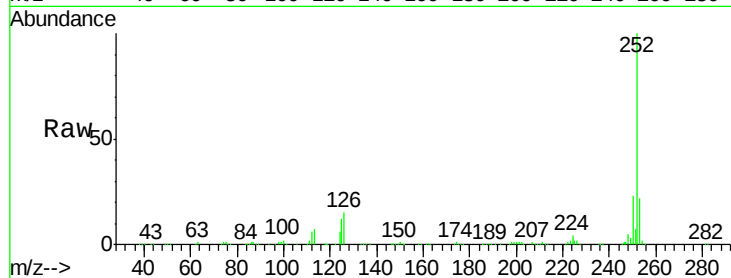
ClientSampleId :

FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.1  | 25.7  |
| 125     | 11.7  | 8.1   | 12.1  |

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#88

Benzo(k)fluoranthene

Concen: 47.29 ng m

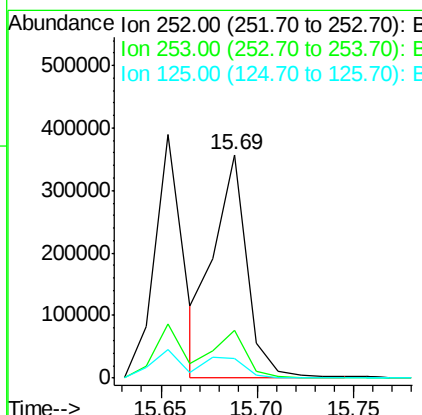
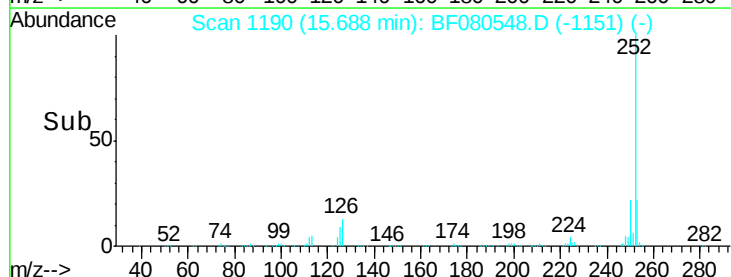
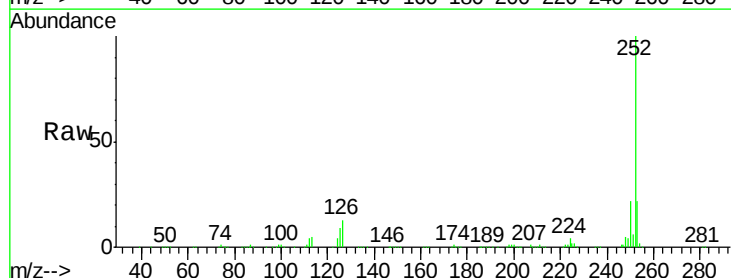
RT: 15.69 min Scan# 1190

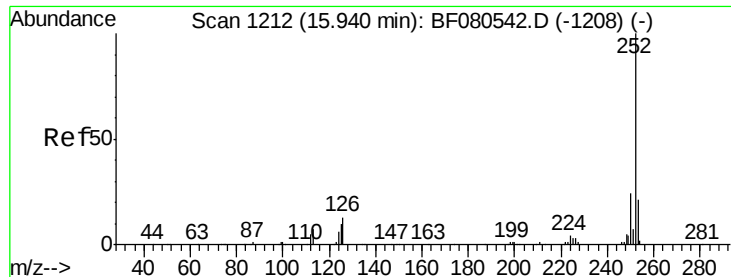
Delta R.T. 0.15 min

Lab File: BF080548.D

Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.5  | 17.1  | 25.7  |
| 125     | 9.0   | 8.1   | 12.1  |





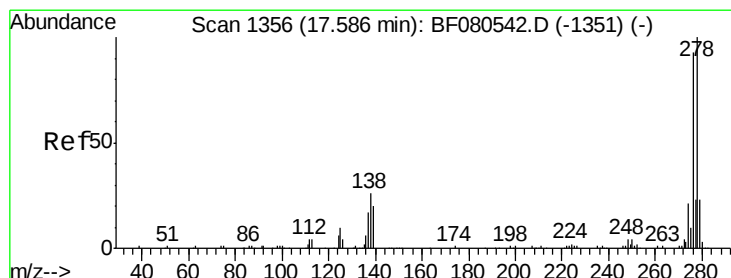
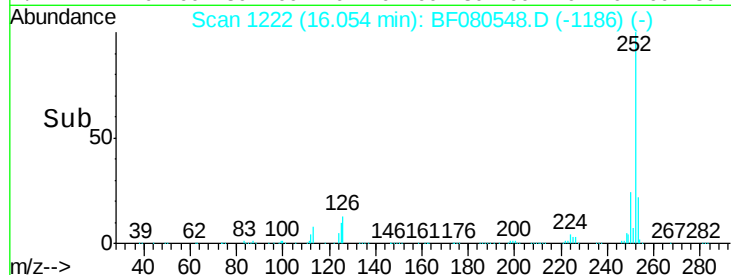
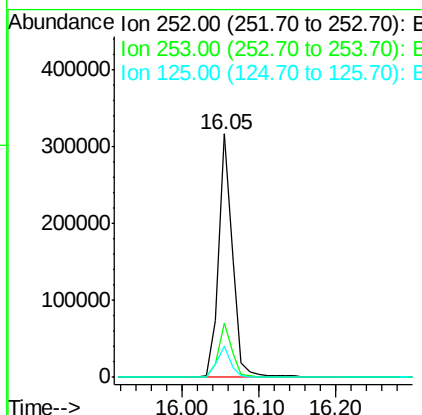
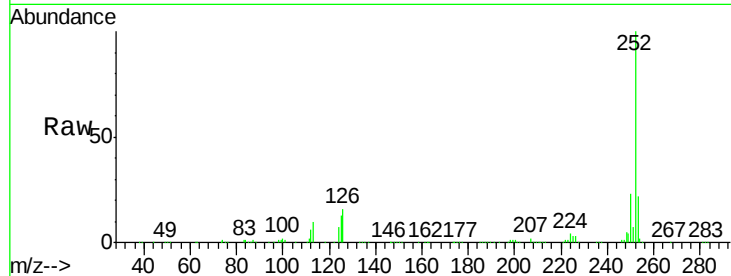
#89  
Benzo(a)pyrene  
Concen: 45.10 ng  
RT: 16.05 min Scan# 1222  
Delta R.T. 0.11 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

Instrument :  
BNA\_F  
ClientSampleId :  
FK-BPM-02-I5-I6-I7-I8MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.1  | 25.7  |
| 125     | 13.0  | 8.1   | 12.1  |

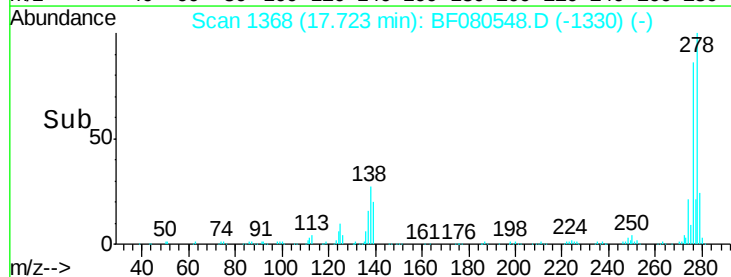
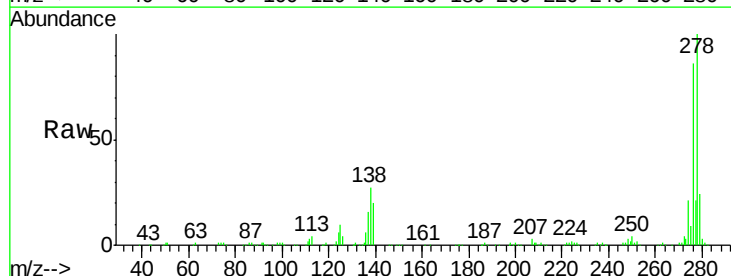
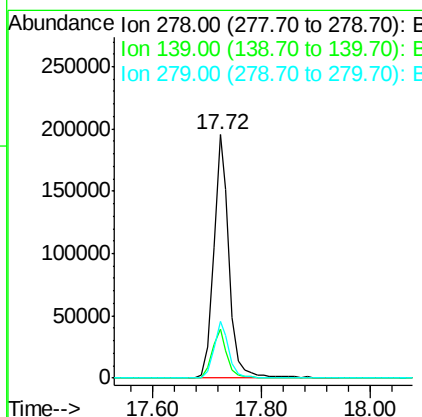
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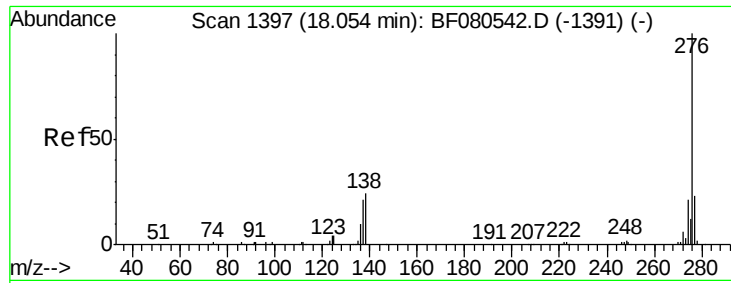
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#90  
Dibenzo(a,h)anthracene  
Concen: 44.18 ng  
RT: 17.72 min Scan# 1368  
Delta R.T. 0.14 min  
Lab File: BF080548.D  
Acq: 17 Jul 2015 22:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 20.1  | 16.2  | 24.2  |
| 279     | 23.5  | 18.6  | 27.8  |





#91  
 Benzo(g,h,i)perylene  
 Concen: 45.69 ng  
 RT: 18.19 min Scan# 1409  
 Delta R.T. 0.14 min  
 Lab File: BF080548.D  
 Acq: 17 Jul 2015 22:22

Instrument :  
 BNA\_F  
 ClientSampleId :  
 FK-BPM-02-I5-I6-I7-I8MSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 276  | Resp: | 405500 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.6 | 18.5  | 27.7   |
| 138       | 25.3 | 19.1  | 28.7   |

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