

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG032515\  
 Data File : BG016108.D  
 Acq On : 25 Mar 2015 18:33  
 Operator : TP/IZ  
 Sample : PB82316BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82316BS

Manual Integrations  
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apatel  
 3/27/2015 10:47:23 AM

Quant Time: Mar 26 15:43:13 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG032515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 26 15:24:59 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 57808    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.58 | 136  | 249239   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.42 | 164  | 148663   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.16 | 188  | 319210   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.33 | 240  | 403309   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.62 | 264  | 383479   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.38  | 112 | 269415  | 78.00 | ng | 0.00 |
| 7) Phenol-d6             | 6.96  | 99  | 370740  | 77.11 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.94  | 82  | 250215  | 62.25 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.90 | 330 | 119493  | 70.00 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.04 | 172 | 587363  | 66.13 | ng | 0.00 |
| 78) Terphenyl-d14        | 19.78 | 244 | 1008965 | 63.00 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.30  | 88  | 49001  | 35.13 | ng | 96     |
| 3) Pyridine                    | 3.69  | 79  | 140170 | 32.15 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.60  | 42  | 44555  | 34.73 | ng | 99     |
| 6) Aniline                     | 7.12  | 93  | 90643  | 13.21 | ng | 98     |
| 8) 2-Chlorophenol              | 7.36  | 128 | 158976 | 38.79 | ng | 99     |
| 9) Benzaldehyde                | 6.94  | 77  | 8315   | 4.14  | ng | 93     |
| 10) Phenol                     | 6.99  | 94  | 213150 | 40.34 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.22  | 93  | 153483 | 35.82 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.68  | 146 | 155315 | 35.07 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 7.83  | 146 | 158007 | 34.39 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.15  | 146 | 151325 | 34.83 | ng | 98     |
| 15) Benzyl Alcohol             | 8.03  | 79  | 122747 | 34.54 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.33  | 45  | 162566 | 33.75 | ng | 98     |
| 17) 2-Methylphenol             | 8.23  | 107 | 137908 | 37.01 | ng | 99     |
| 18) Hexachloroethane           | 8.87  | 117 | 56196  | 34.13 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.59  | 70  | 112343 | 31.90 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.56  | 107 | 187111 | 37.02 | ng | 98     |
| 22) Acetophenone               | 8.61  | 105 | 207727 | 37.05 | ng | 99     |
| 24) Nitrobenzene               | 8.99  | 77  | 156847 | 36.24 | ng | 99     |
| 25) Isophorone                 | 9.51  | 82  | 310577 | 34.05 | ng | 100    |
| 26) 2-Nitrophenol              | 9.70  | 139 | 85457  | 36.45 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 9.75  | 122 | 157325 | 40.02 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 9.99  | 93  | 192854 | 36.83 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.22 | 162 | 141735 | 41.01 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.44 | 180 | 132770 | 35.67 | ng | 98     |
| 31) Naphthalene                | 10.63 | 128 | 467783 | 35.02 | ng | 99     |
| 32) Benzoic acid               | 9.87  | 122 | 87454  | 35.18 | ng | 95     |
| 33) 4-Chloroaniline            | 10.74 | 127 | 34800  | 5.95  | ng | 98     |
| 34) Hexachlorobutadiene        | 10.91 | 225 | 70184  | 34.66 | ng | 99     |
| 35) Caprolactam                | 11.49 | 113 | 66685m | 35.53 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.86 | 107 | 152420 | 37.38 | ng | 100    |
| 37) 2-Methylnaphthalene        | 12.24 | 142 | 342050 | 35.87 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.61 | 216 | 141298 | 37.74 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.59 | 237 | 178346 | 81.47 | ng | 98     |

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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.84 | 196  | 102127   | 38.18 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 12.92 | 196  | 112161   | 38.45 | ng    | 99       |
| 45) 1,1'-Biphenyl              | 13.25 | 154  | 408788   | 37.50 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.30 | 162  | 312445   | 36.75 | ng    | 99       |
| 47) 2-Nitroaniline             | 13.50 | 65   | 89712    | 36.73 | ng    | 99       |
| 48) Acenaphthylene             | 14.14 | 152  | 543179   | 34.96 | ng    | 100      |
| 49) Dimethylphthalate          | 13.88 | 163  | 382779   | 36.72 | ng    | 100      |
| 50) 2,6-Dinitrotoluene         | 14.00 | 165  | 92599    | 37.46 | ng    | 97       |
| 51) Acenaphthene               | 14.48 | 154  | 325751   | 34.75 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.32 | 138  | 35384    | 11.69 | ng    | 97       |
| 53) 2,4-Dinitrophenol          | 14.53 | 184  | 112046   | 74.30 | ng    | 98       |
| 54) Dibenzofuran               | 14.82 | 168  | 485033   | 37.04 | ng    | 100      |
| 55) 4-Nitrophenol              | 14.63 | 139  | 199811   | 81.47 | ng    | 98       |
| 56) 2,4-Dinitrotoluene         | 14.78 | 165  | 129085   | 38.10 | ng    | 98       |
| 57) Fluorene                   | 15.46 | 166  | 414615   | 35.48 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.04 | 232  | 97819    | 37.62 | ng    | 99       |
| 59) Diethylphthalate           | 15.24 | 149  | 387391   | 36.14 | ng    | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.46 | 204  | 186360   | 36.26 | ng    | 98       |
| 61) 4-Nitroaniline             | 15.48 | 138  | 116200   | 33.92 | ng    | 99       |
| 62) Azobenzene                 | 15.75 | 77   | 393151   | 35.61 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 15.54 | 198  | 76986    | 36.29 | ng    | 96       |
| 65) n-Nitrosodiphenylamine     | 15.67 | 169  | 363323   | 35.70 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.35 | 248  | 116458   | 35.55 | ng    | 96       |
| 67) Hexachlorobenzene          | 16.46 | 284  | 129766   | 35.25 | ng    | 98       |
| 68) Atrazine                   | 16.62 | 200  | 123006   | 40.62 | ng    | 99       |
| 69) Pentachlorophenol          | 16.80 | 266  | 172203   | 82.03 | ng    | 99       |
| 70) Phenanthrene               | 17.20 | 178  | 644006   | 35.95 | ng    | 99       |
| 71) Anthracene                 | 17.29 | 178  | 652564   | 36.63 | ng    | 99       |
| 72) Carbazole                  | 17.56 | 167  | 674367   | 38.57 | ng    | 100      |
| 73) Di-n-butylphthalate        | 18.12 | 149  | 792421   | 40.09 | ng    | 100      |
| 74) Fluoranthene               | 19.21 | 202  | 791961   | 39.69 | ng    | 99       |
| 76) Benzidine                  | 19.39 | 184  | 316659   | 29.97 | ng    | 97       |
| 77) Pyrene                     | 19.58 | 202  | 839983   | 33.78 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.47 | 149  | 394044   | 37.99 | ng    | 98       |
| 80) Benzo(a)anthracene         | 21.32 | 228  | 803028   | 35.11 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.25 | 252  | 126065   | 15.85 | ng    | 97       |
| 82) Chrysene                   | 21.37 | 228  | 757756   | 36.16 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.24 | 149  | 525963   | 36.93 | ng    | 100      |
| 84) Di-n-octyl phthalate       | 22.13 | 149  | 887118   | 36.94 | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 25.97 | 276  | 913859   | 33.91 | ng    | 100      |
| 87) Benzo(b)fluoranthene       | 22.93 | 252  | 791301   | 35.65 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 22.97 | 252  | 764589   | 35.37 | ng    | 100      |
| 89) Benzo(a)pyrene             | 23.52 | 252  | 754580   | 36.47 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 25.98 | 278  | 764344   | 35.45 | ng    | 100      |
| 91) Benzo(g,h,i)perylene       | 26.69 | 276  | 753920   | 35.28 | ng    | 98       |

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

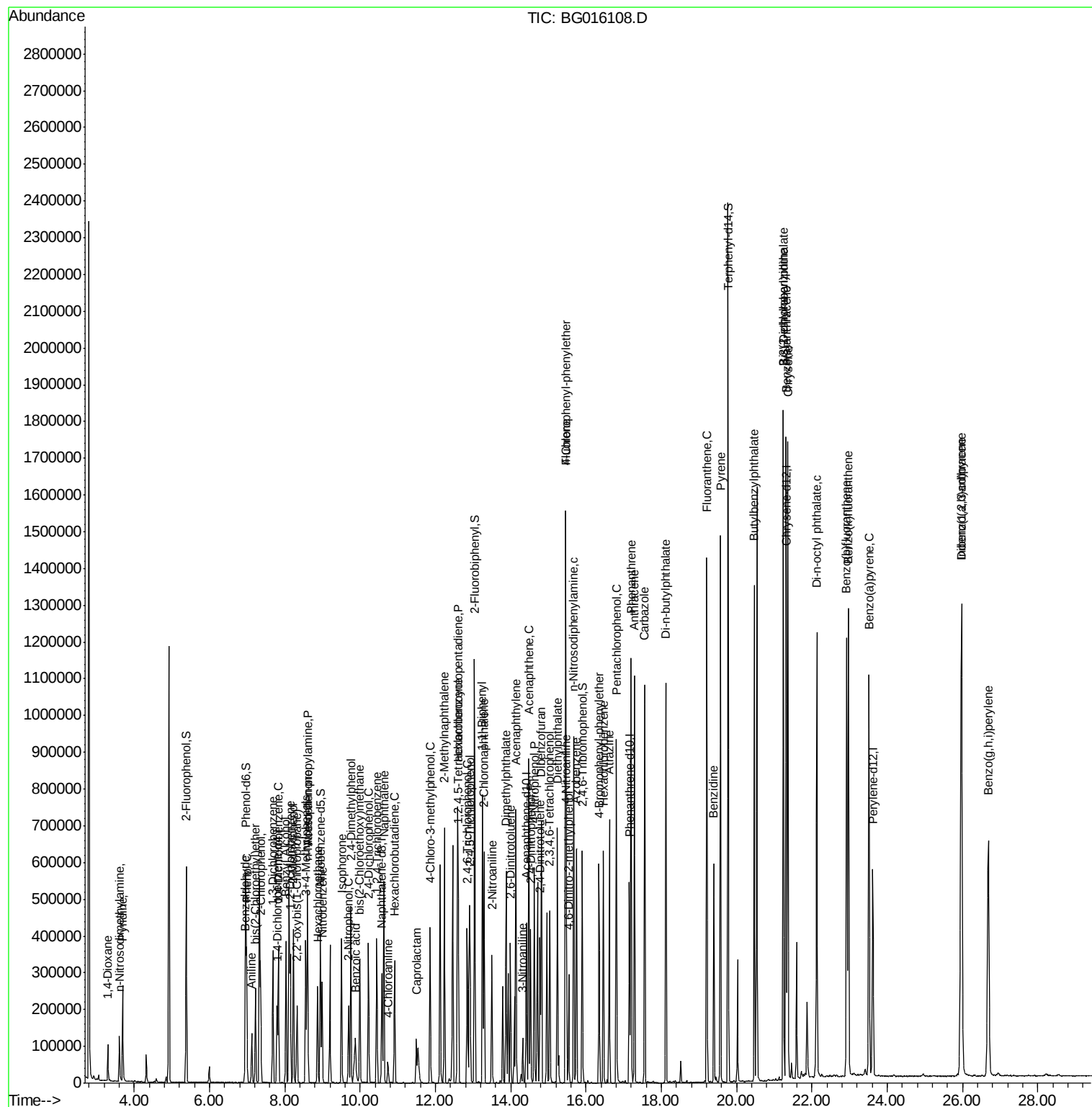
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG032515\  
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Misc :  
ALS Vial : 11 Sample Multiplier: 1

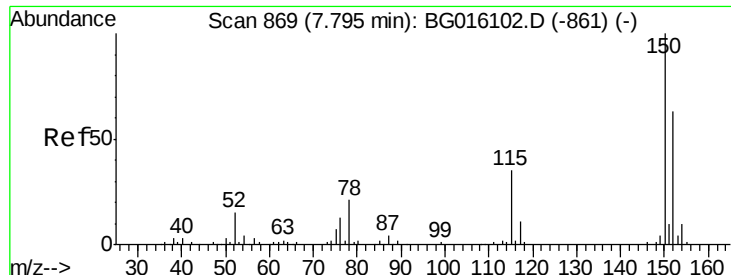
Instrument :  
BNA\_G  
ClientSampleId :  
PB82316BS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 869

Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

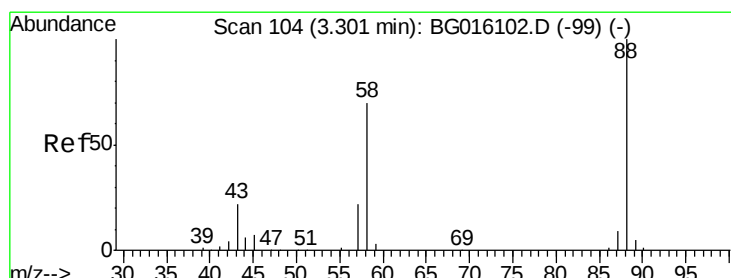
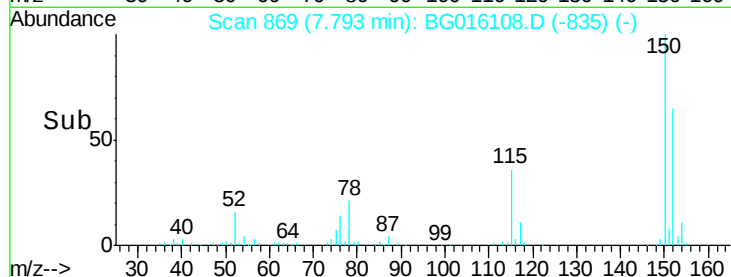
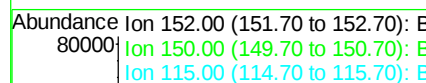
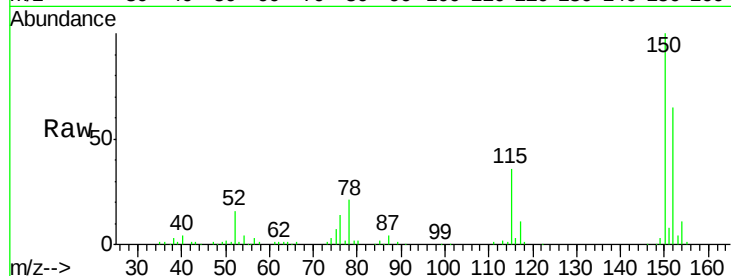
ClientSampleId :

PB82316BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 57808 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 154.9 | 126.1 | 189.1 |
| 115       | 55.8  | 43.7  | 65.5  |

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#2

1,4-Dioxane

Concen: 35.13 ng

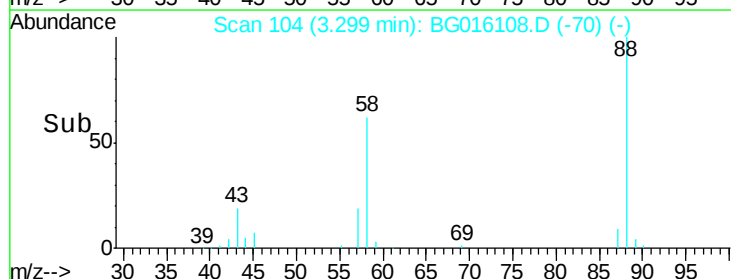
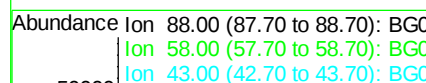
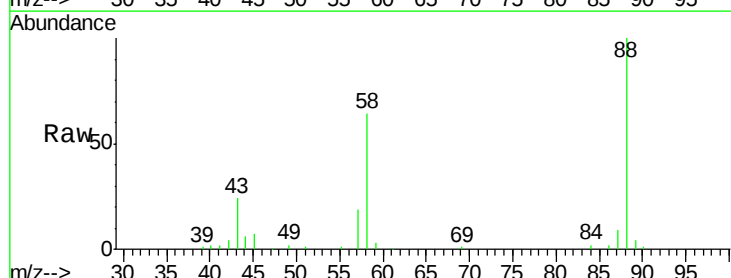
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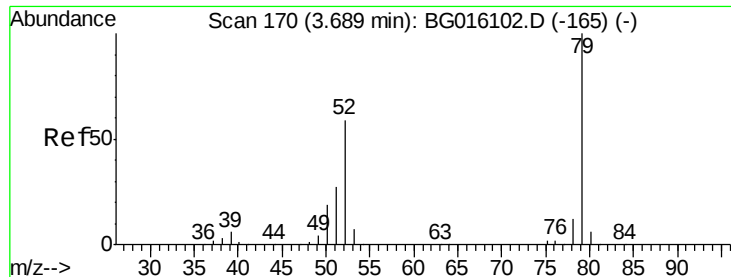
Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 49001 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 64.1  | 54.2  | 81.4  |
| 43        | 21.0  | 17.4  | 26.2  |





#3

Pyridine

Concen: 32.15 ng

RT: 3.69 min Scan# 170

Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

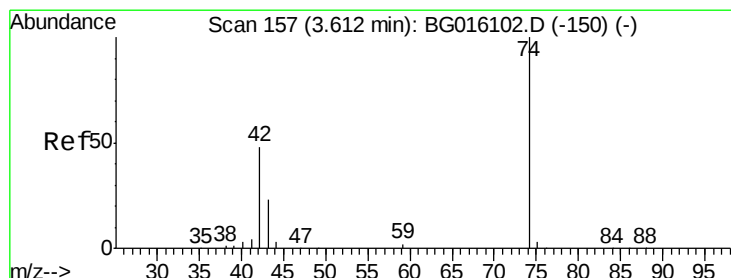
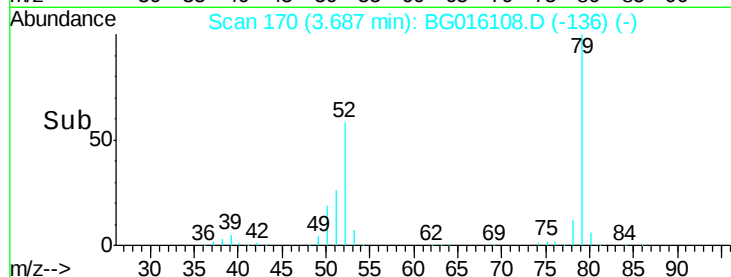
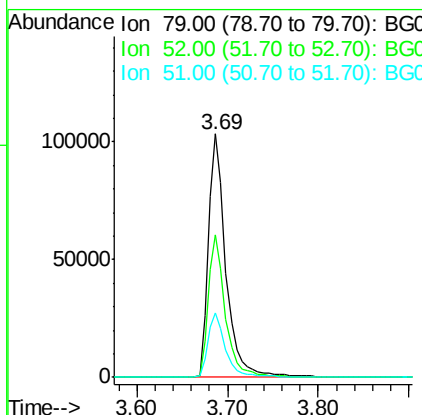
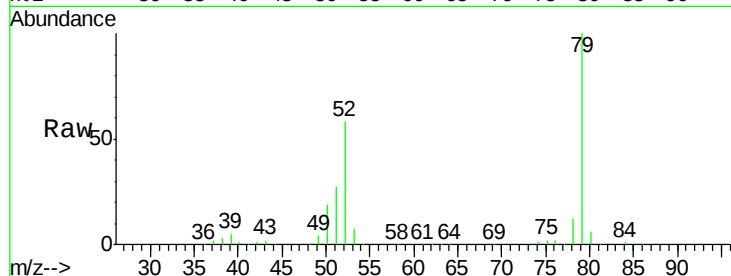
ClientSampleId :

PB82316BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 79    | Resp: | 140170 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 58.4  | 47.0  | 70.4   |
| 51       | 26.6  | 21.9  | 32.9   |

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#4

n-Nitrosodimethylamine

Concen: 34.73 ng

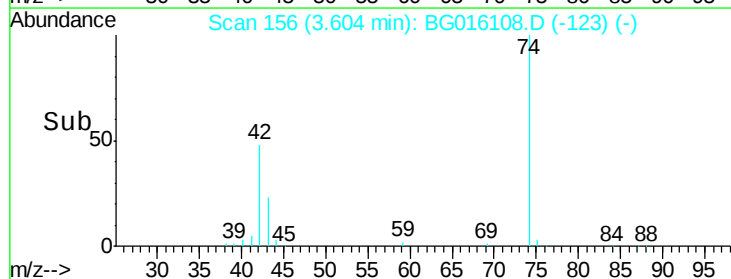
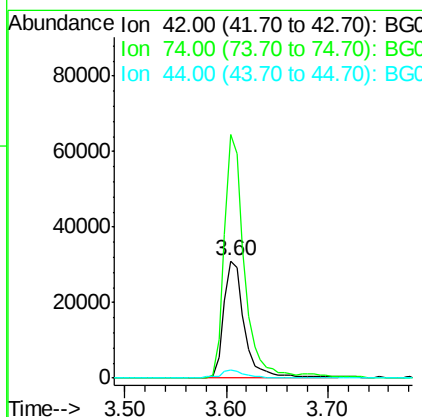
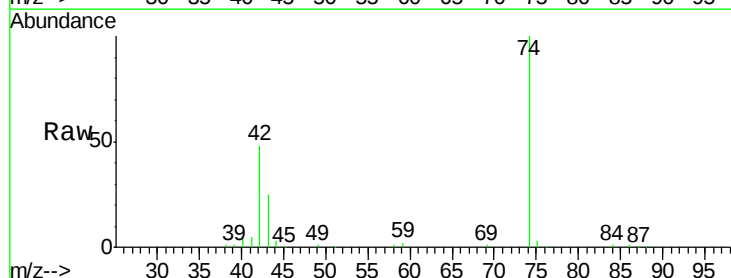
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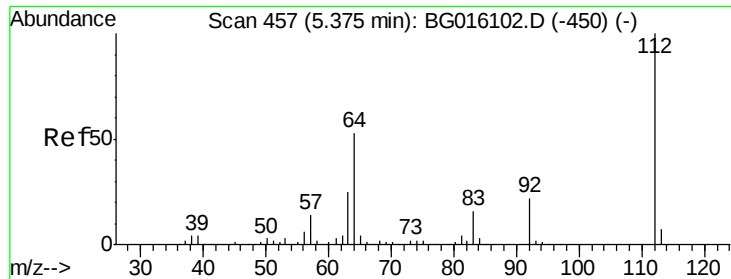
Delta R.T. -0.01 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 44555 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 207.8 | 165.3 | 247.9 |
| 44       | 7.0   | 5.3   | 7.9   |





#5

2-Fluorophenol

Concen: 78.00 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: BG016108.D

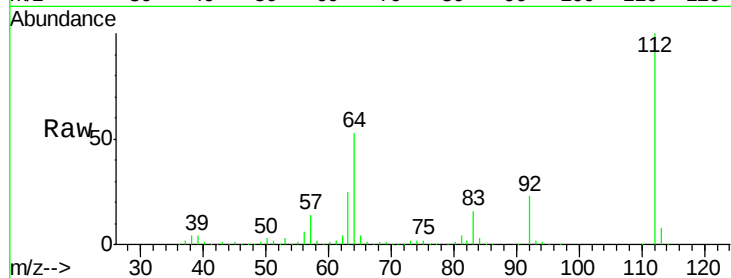
Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

ClientSampleID :

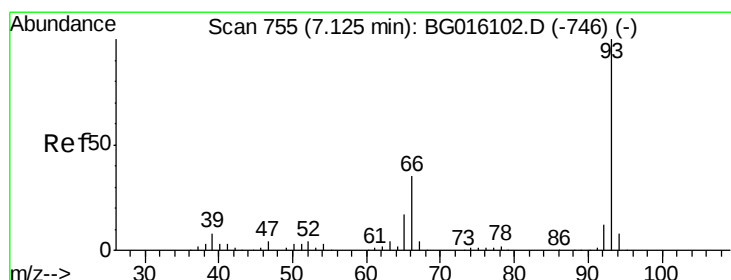
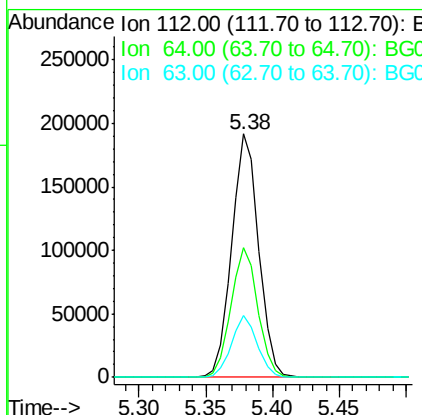
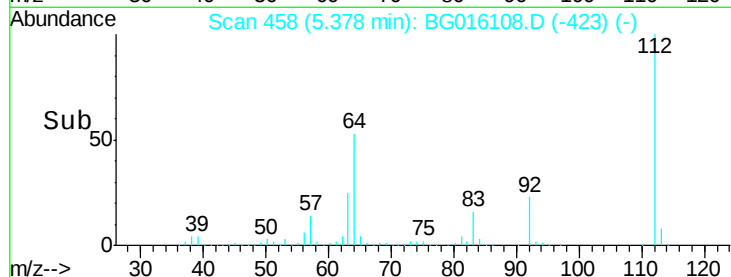
PB82316BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 112   | Resp: | 269415 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 53.3  | 42.6  | 64.0   |
| 63        | 25.2  | 19.9  | 29.9   |

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#6

Aniline

Concen: 13.21 ng

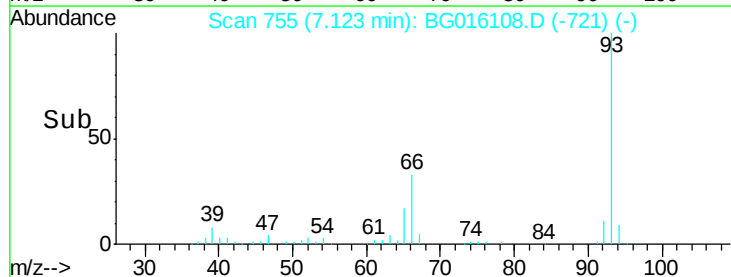
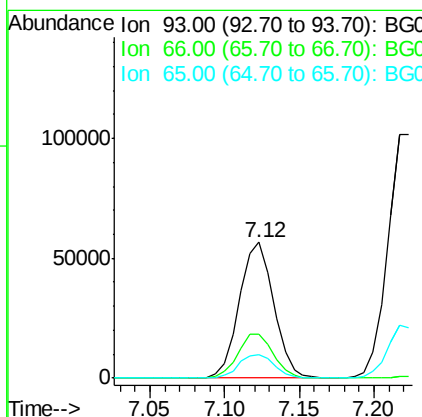
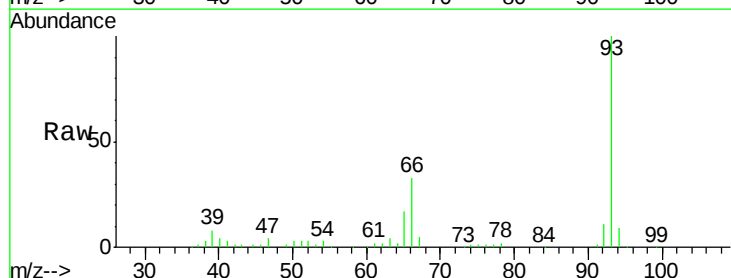
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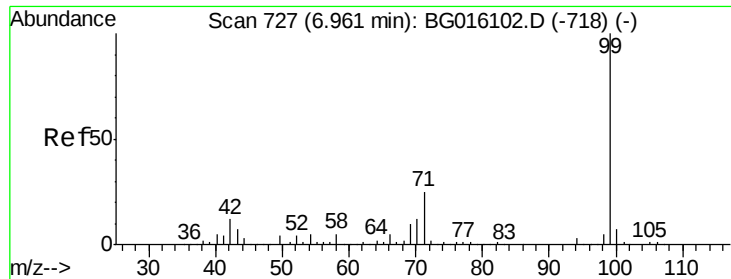
Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 90643 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 32.7  | 27.8  | 41.6  |
| 65        | 17.1  | 13.9  | 20.9  |





#7

Phenol-d6

Concen: 77.11 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.00 min

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Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

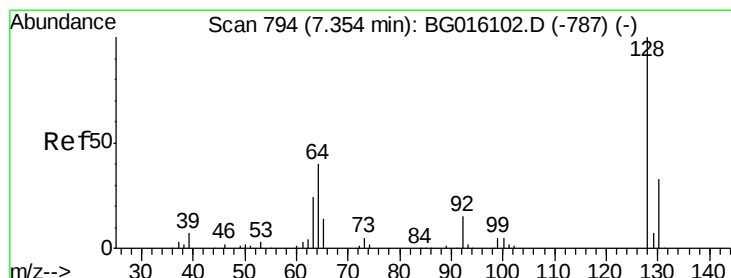
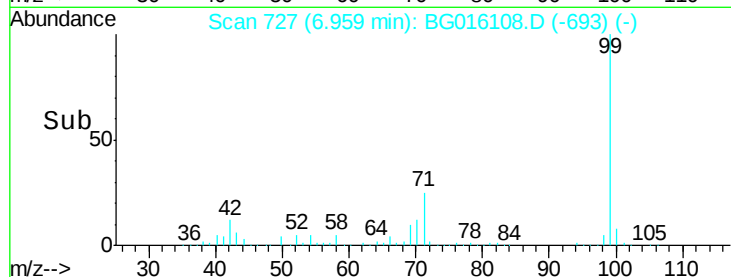
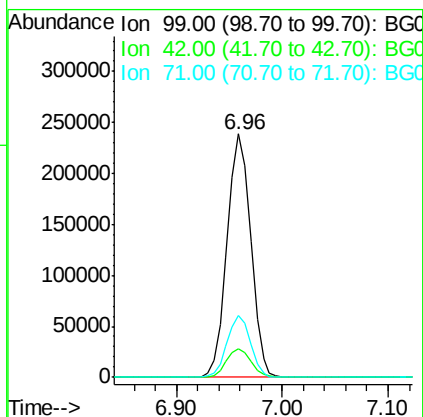
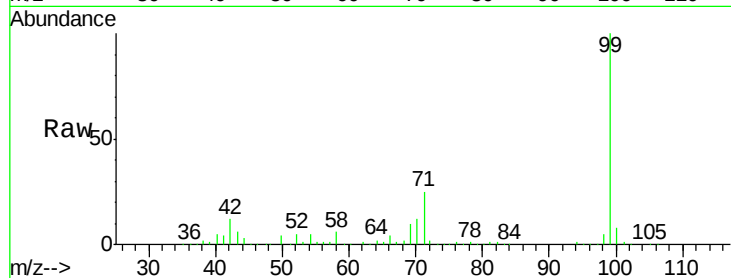
ClientSampleId :

PB82316BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 99    | Resp: | 370740 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 12.0  | 9.4   | 14.0   |
| 71       | 25.3  | 19.9  | 29.9   |

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#8

2-Chlorophenol

Concen: 38.79 ng

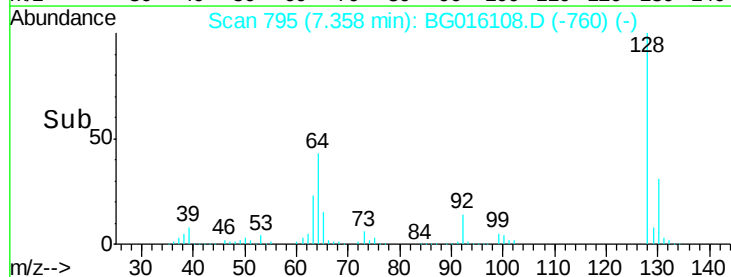
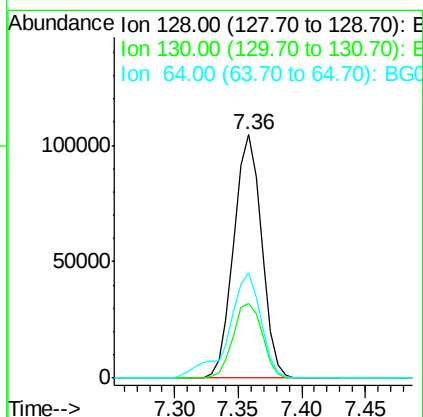
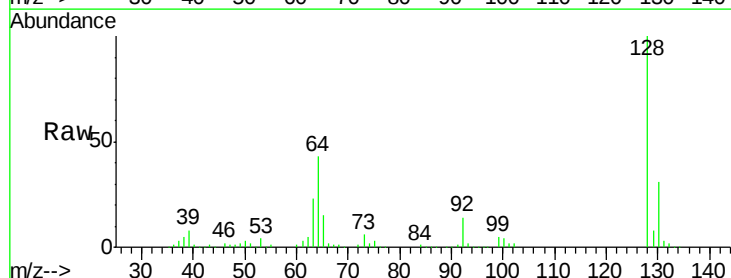
RT: 7.36 min Scan# 795

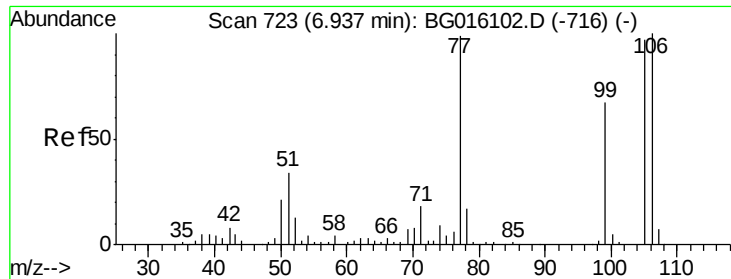
Delta R.T. 0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 158976 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 30.7  | 12.5  | 52.5   |
| 64       | 43.4  | 23.4  | 63.4   |





#9

Benzaldehyde

Concen: 4.14 ng

RT: 6.94 min Scan# 724

Delta R.T. 0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

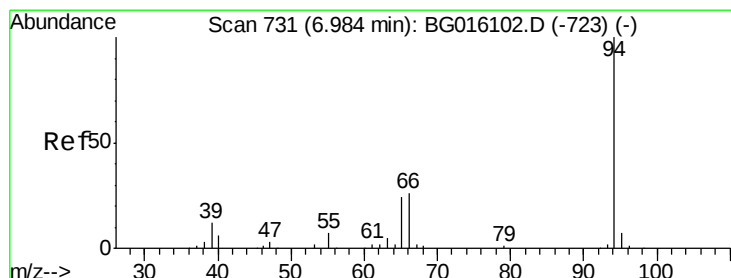
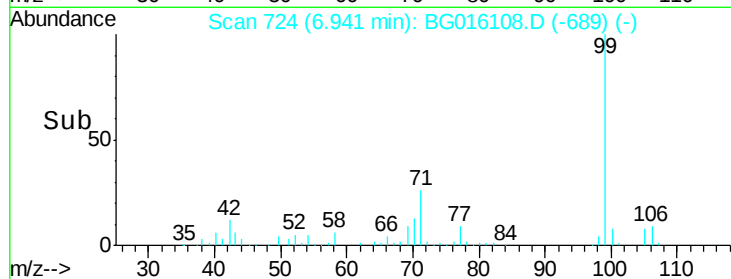
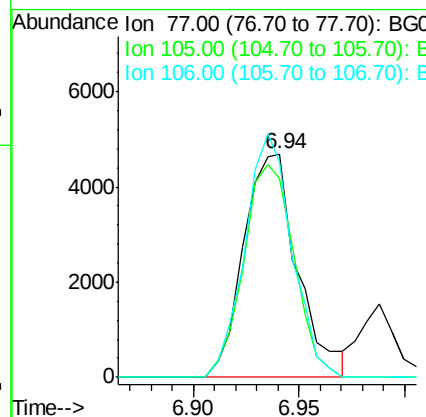
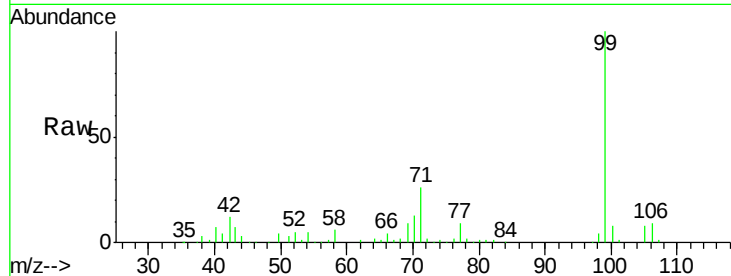
ClientSampleId :

PB82316BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 77    | Resp: | 8315  |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 89.3  | 78.1  | 118.1 |
| 106      | 96.3  | 81.0  | 121.0 |

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#10

Phenol

Concen: 40.34 ng

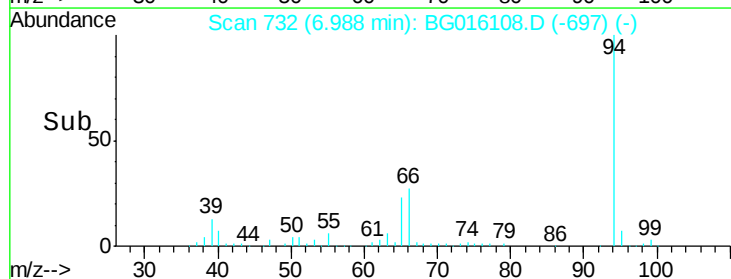
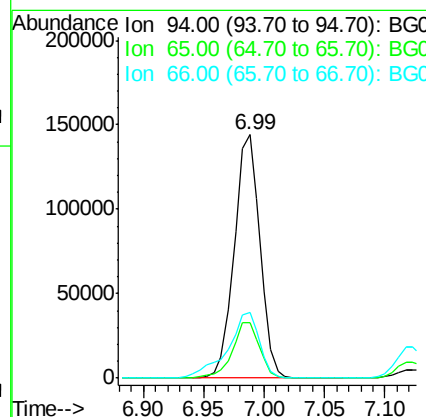
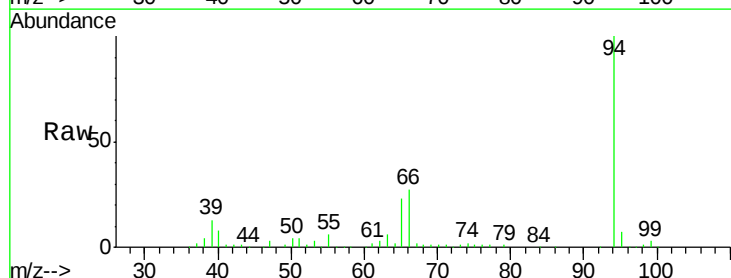
RT: 6.99 min Scan# 732

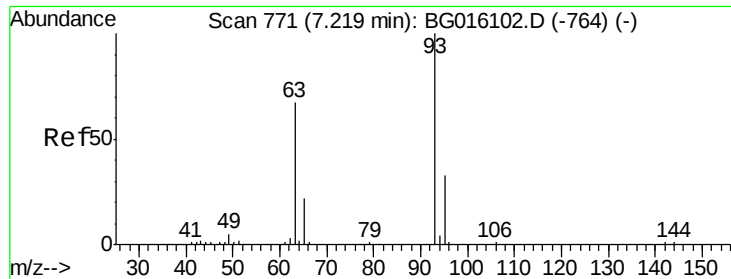
Delta R.T. 0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 213150 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 22.8  | 4.0   | 44.0   |
| 66       | 26.8  | 7.4   | 47.4   |





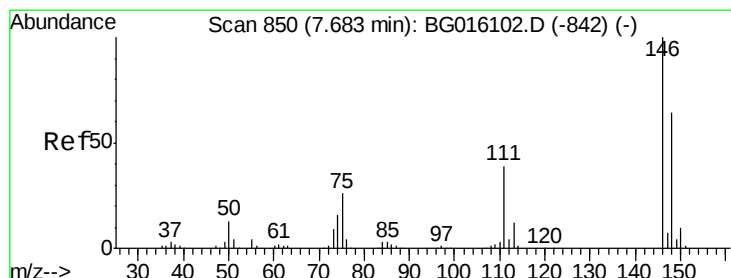
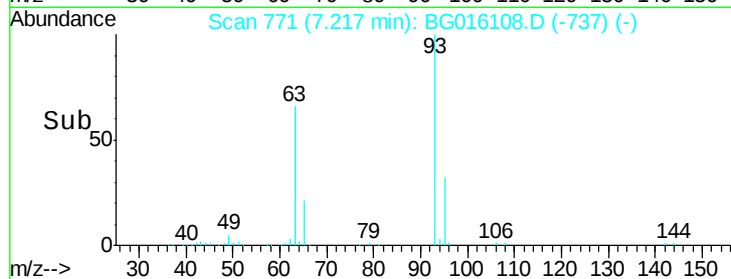
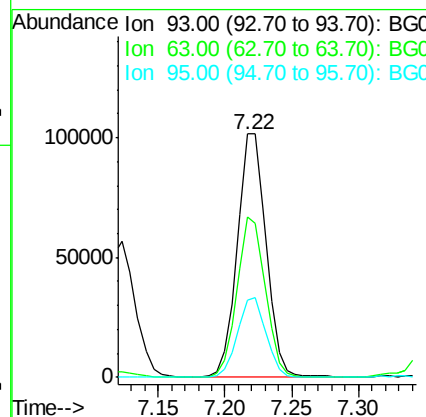
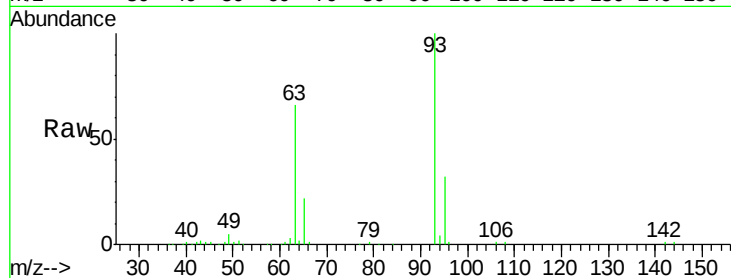
#11  
bis(2-Chloroethyl)ether  
Concen: 35.82 ng  
RT: 7.22 min Scan# 771  
Delta R.T. -0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB82316BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 93      | 100   |            |            |
| 63      | 65.8  | 46.5       | 86.5       |
| 95      | 31.8  | 12.5       | 52.5       |

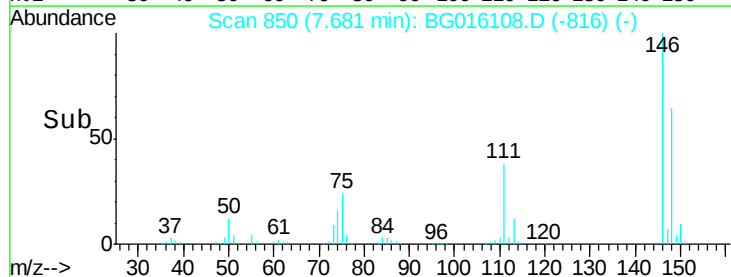
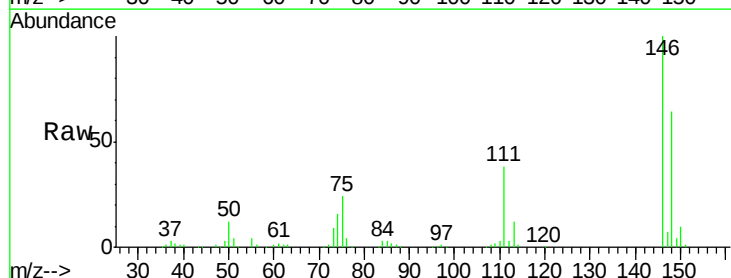
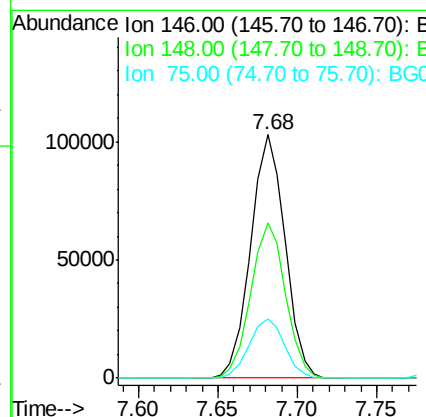
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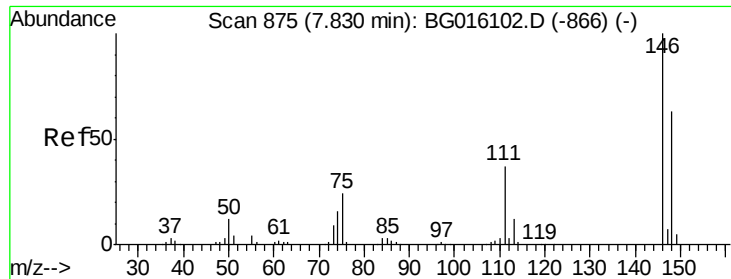
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#12  
1,3-Dichlorobenzene  
Concen: 35.07 ng  
RT: 7.68 min Scan# 850  
Delta R.T. -0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 146     | 100   |            |            |
| 148     | 63.8  | 51.2       | 76.8       |
| 75      | 24.1  | 20.5       | 30.7       |





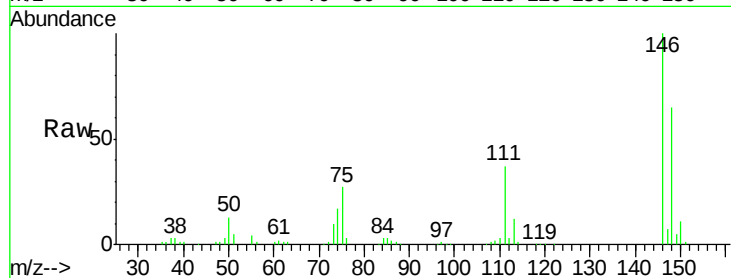
#13  
 1,4-Dichlorobenzene  
 Concen: 34.39 ng  
 RT: 7.83 min Scan# 875  
 Delta R.T. -0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82316BS

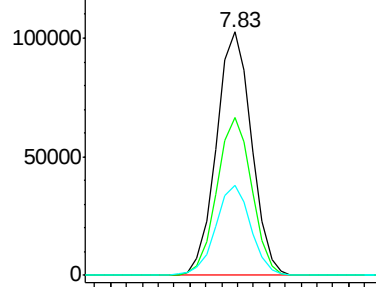
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.8  | 50.3  | 75.5  |
| 111     | 37.1  | 29.5  | 44.3  |

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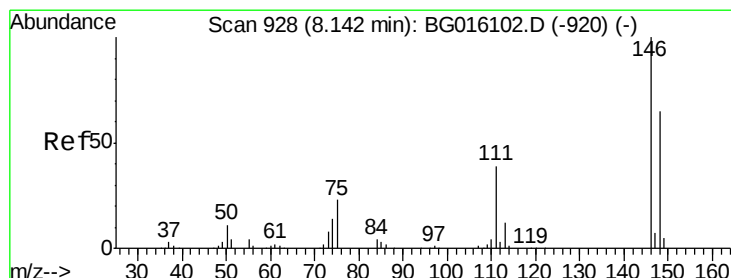
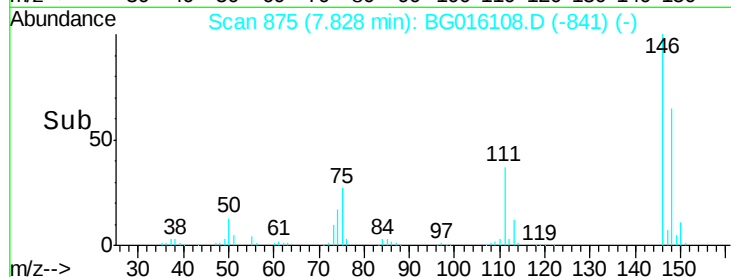
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Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

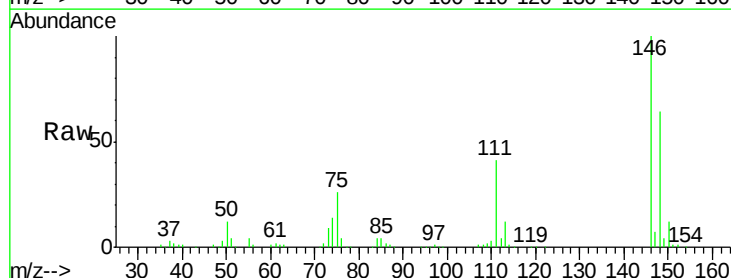


Time-->

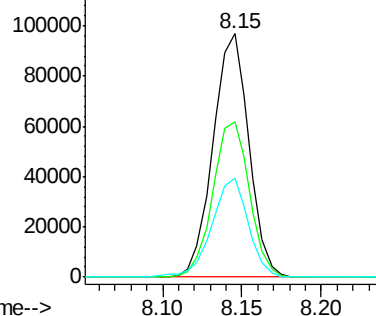


#14  
 1,2-Dichlorobenzene  
 Concen: 34.83 ng  
 RT: 8.15 min Scan# 929  
 Delta R.T. 0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

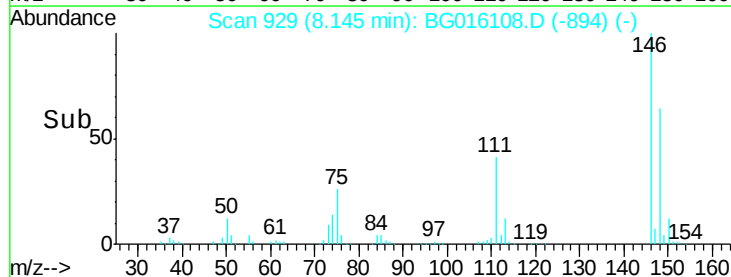
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 51.8  | 77.8  |
| 111     | 40.7  | 31.4  | 47.2  |

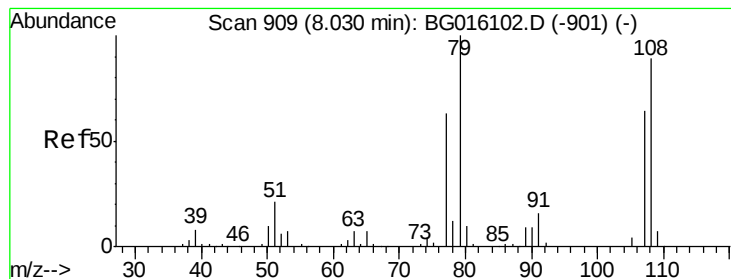


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E



Time-->





#15

Benzyl Alcohol

Concen: 34.54 ng

RT: 8.03 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

ClientSampleId :

PB82316BS

Tgt Ion: 79 Resp: 122747  
Ion Ratio Lower Upper

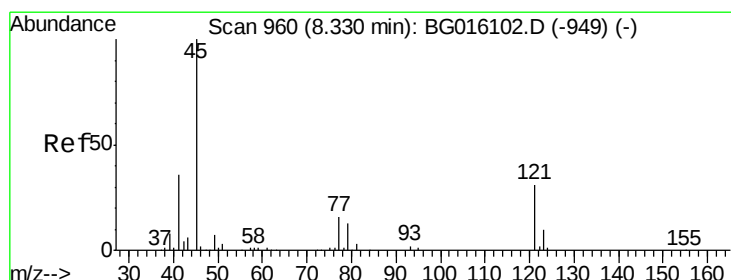
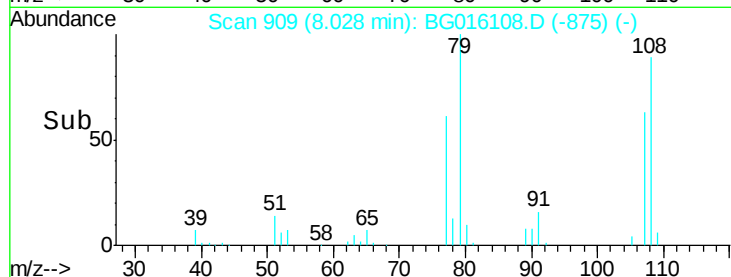
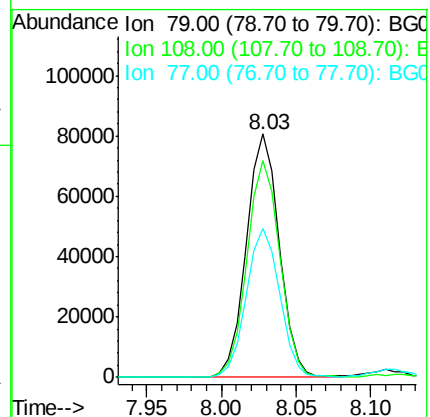
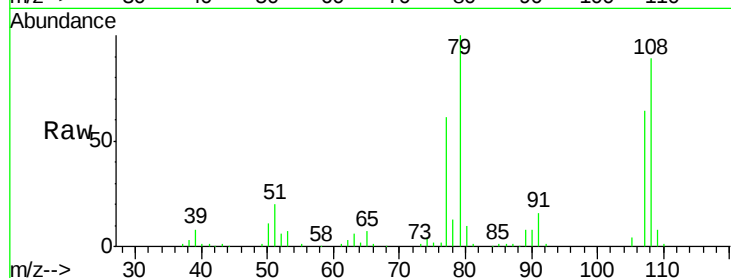
79 100

108 89.3 71.4 107.0

77 61.0 50.1 75.1

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.75 ng

RT: 8.33 min Scan# 960

Delta R.T. -0.00 min

Lab File: BG016108.D

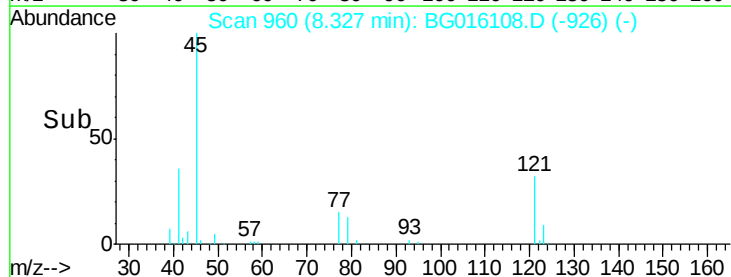
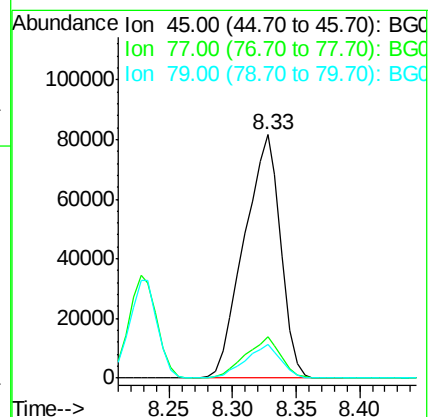
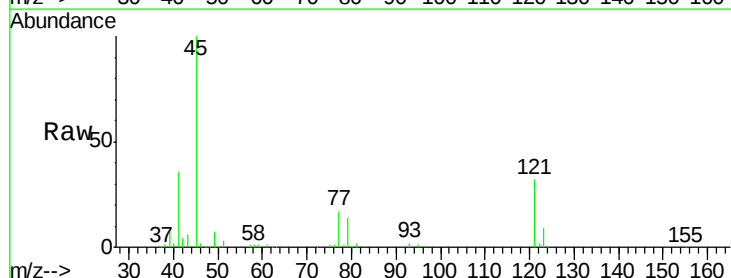
Acq: 25 Mar 2015 18:33

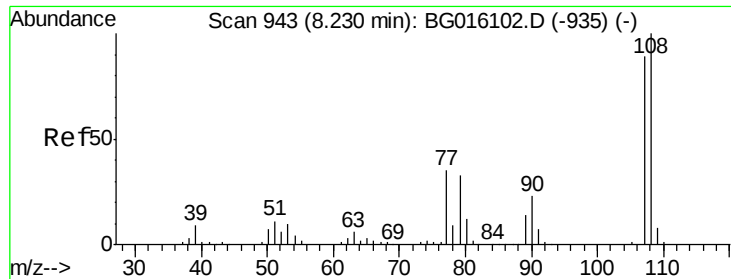
Tgt Ion: 45 Resp: 162566  
Ion Ratio Lower Upper

45 100

77 17.1 0.0 36.3

79 13.9 0.0 33.3





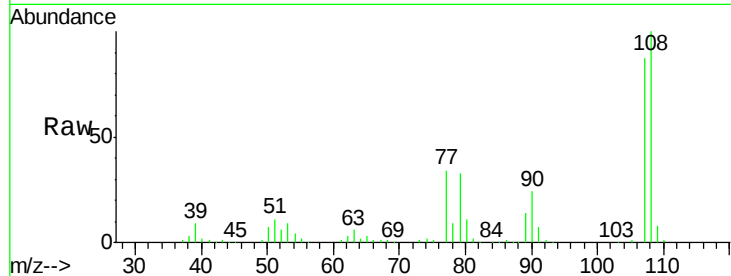
#17  
2-Methylphenol  
Concen: 37.01 ng  
RT: 8.23 min Scan# 943  
Delta R.T. -0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB82316BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 137908 |       |       |
| 108     | 114.3 | 89.4   | 134.2 |       |
| 77      | 39.3  | 31.4   | 47.2  |       |
| 79      | 37.1  | 29.8   | 44.8  |       |

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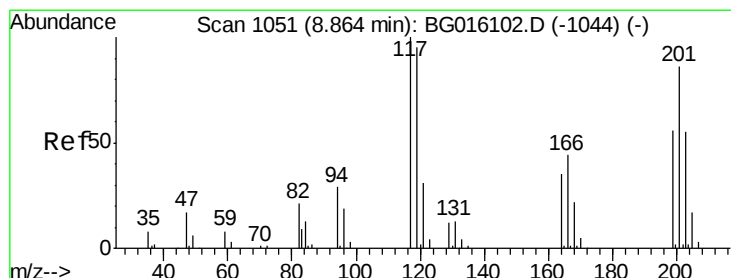
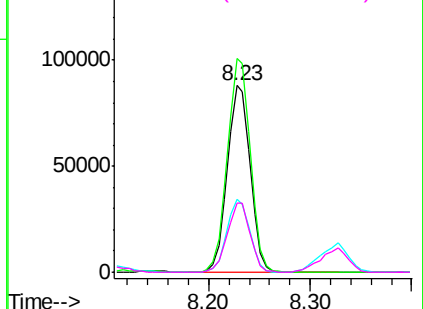
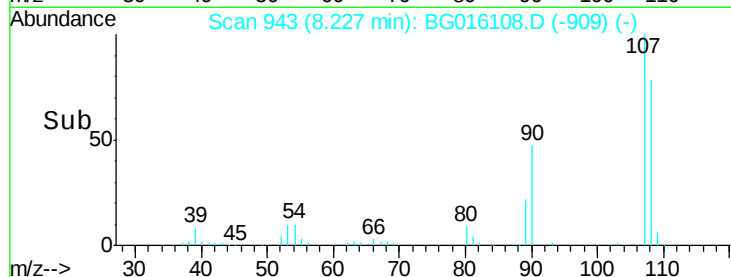
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

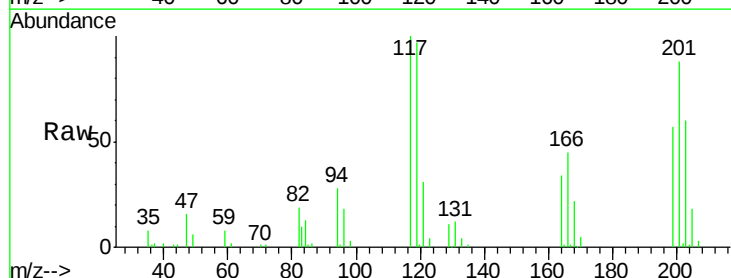
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 34.13 ng  
RT: 8.87 min Scan# 1052  
Delta R.T. 0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 56196 |       |       |
| 119     | 97.2  | 76.4  | 114.6 |       |
| 201     | 88.4  | 68.6  | 102.8 |       |

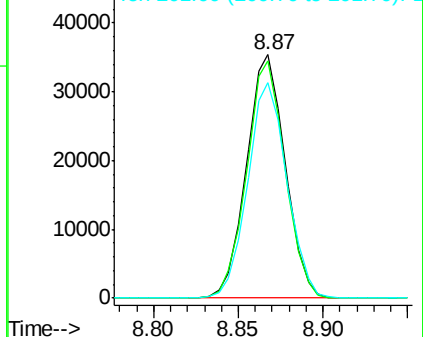
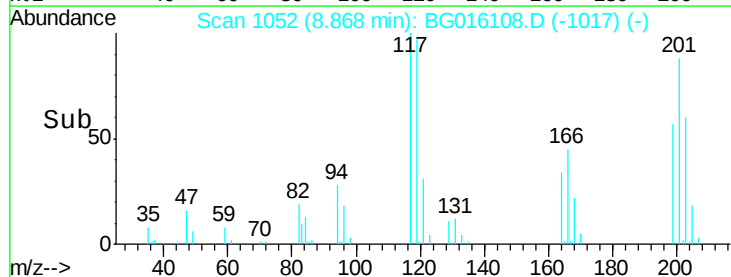


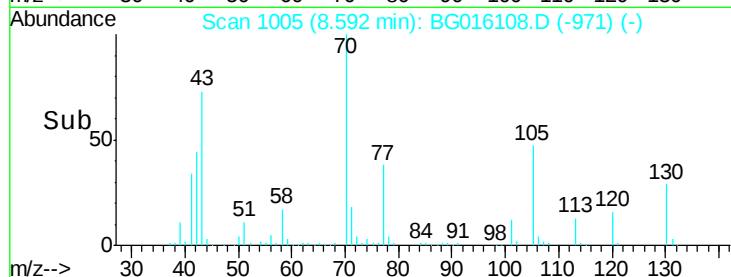
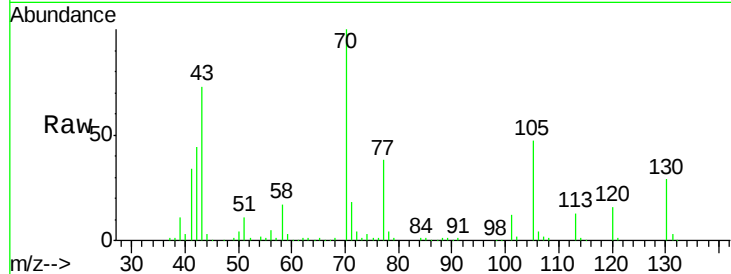
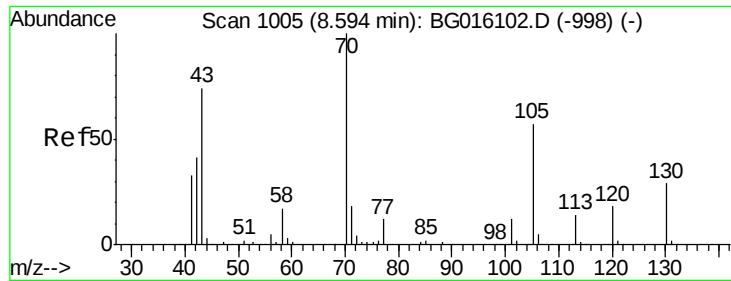
Abundance

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





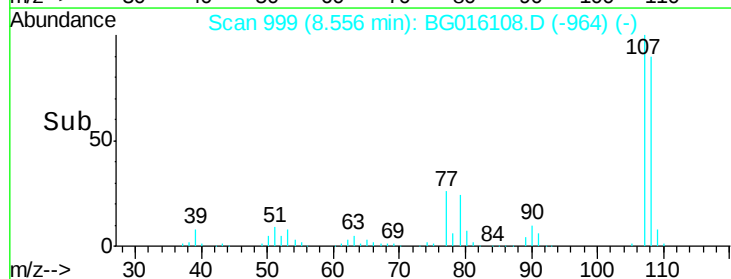
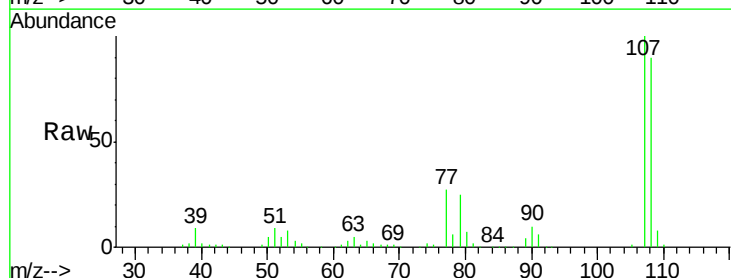
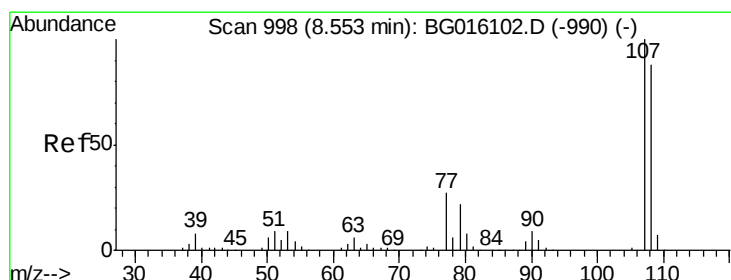
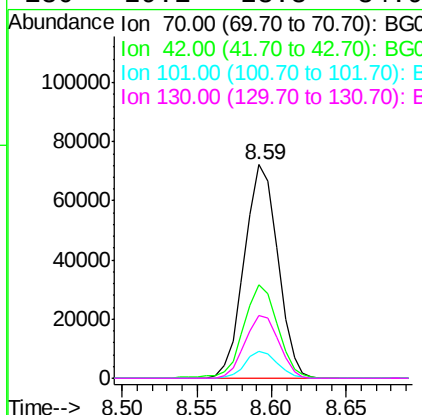
#19  
n-Nitroso-di-n-propylamine  
Concen: 31.90 ng  
RT: 8.59 min Scan# 1005  
Delta R.T. -0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB82316BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 43.6  | 33.4  | 50.2  |
| 101     | 12.4  | 9.6   | 14.4  |
| 130     | 29.1  | 23.3  | 34.9  |

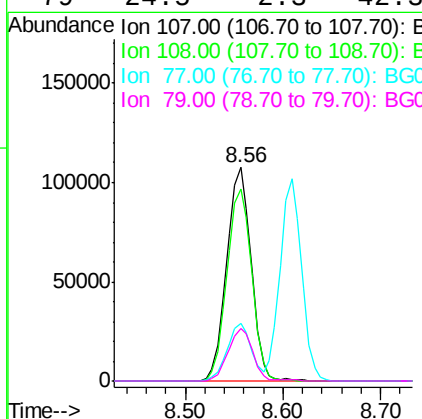
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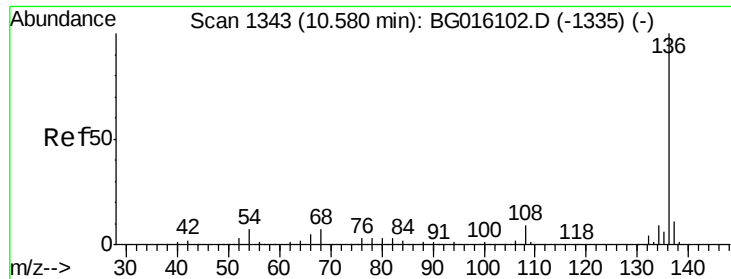
apatel  
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#20  
3+4-Methylphenols  
Concen: 37.02 ng  
RT: 8.56 min Scan# 999  
Delta R.T. 0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 89.9  | 68.4  | 108.4 |
| 77      | 27.2  | 6.9   | 46.9  |
| 79      | 24.5  | 2.3   | 42.3  |





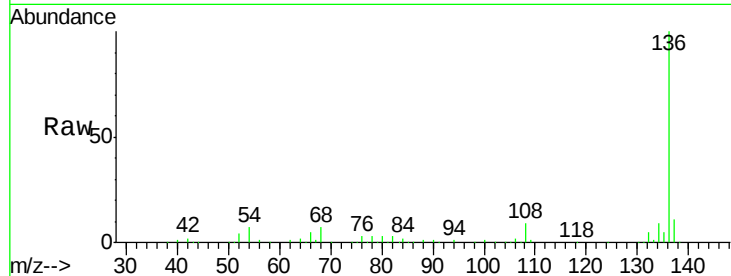
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.58 min Scan# 1343  
Delta R.T. -0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB82316BS

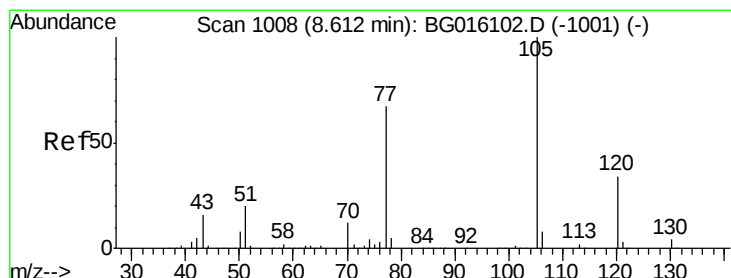
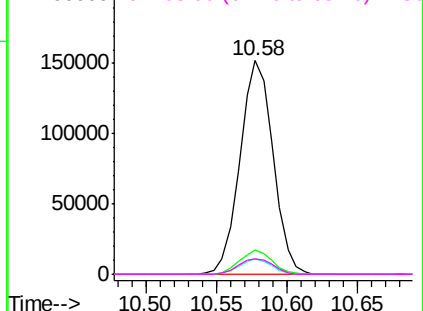
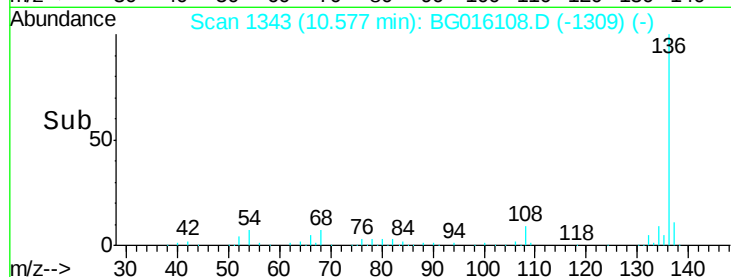
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 249239 |       |       |
| 137     | 11.2  | 9.0    | 13.4  |       |
| 54      | 7.4   | 5.5    | 8.3   |       |
| 68      | 7.3   | 6.0    | 9.0   |       |

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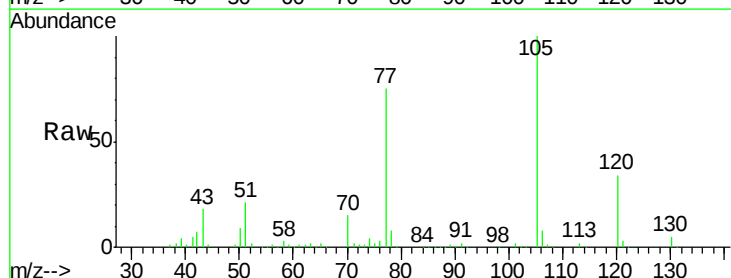


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

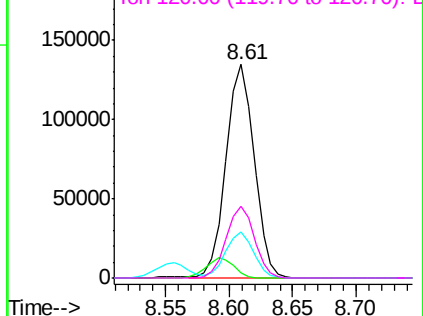
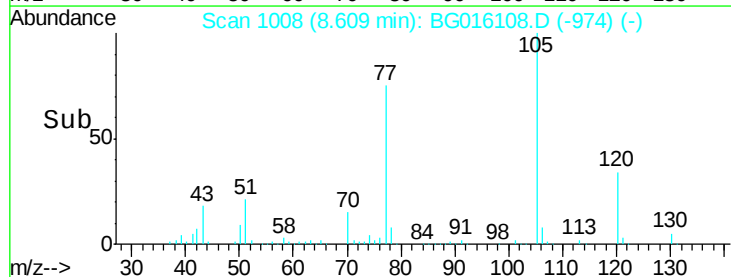


#22  
Acetophenone  
Concen: 37.05 ng  
RT: 8.61 min Scan# 1008  
Delta R.T. -0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 207727 |       |       |
| 71      | 2.4   | 2.2    | 3.2   |       |
| 51      | 21.4  | 17.9   | 26.9  |       |
| 120     | 33.6  | 27.0   | 40.4  |       |



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





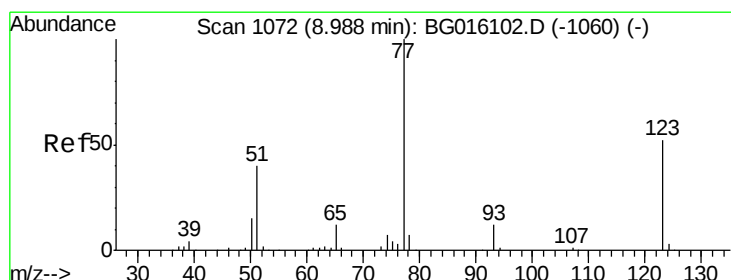
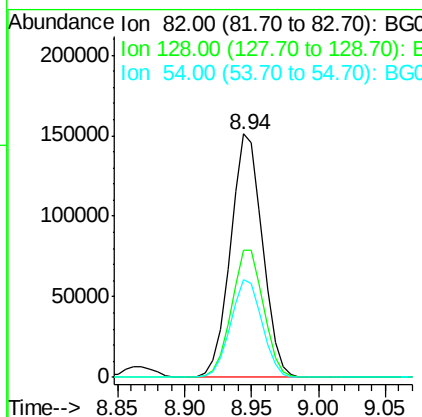
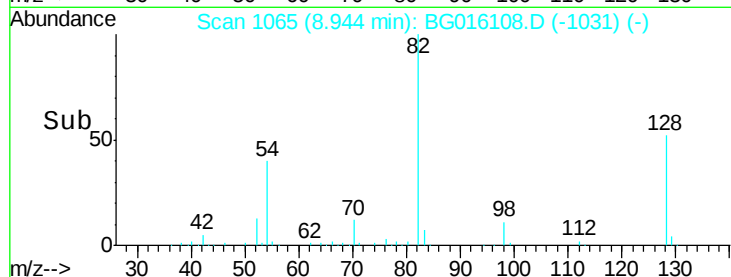
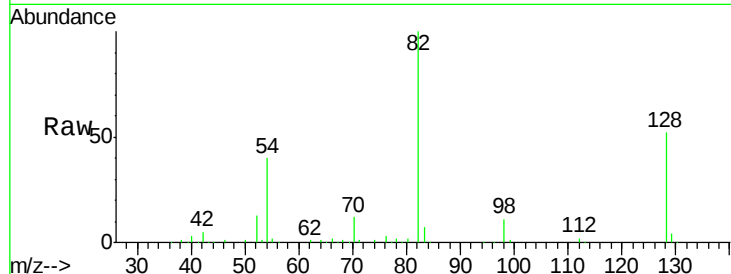
#23  
 Nitrobenzene-d5  
 Concen: 62.25 ng  
 RT: 8.94 min Scan# 1065  
 Delta R.T. -0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82316BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 250215 |       |       |
| 128     | 52.1  | 40.4   | 60.6  |       |
| 54      | 40.1  | 32.1   | 48.1  |       |

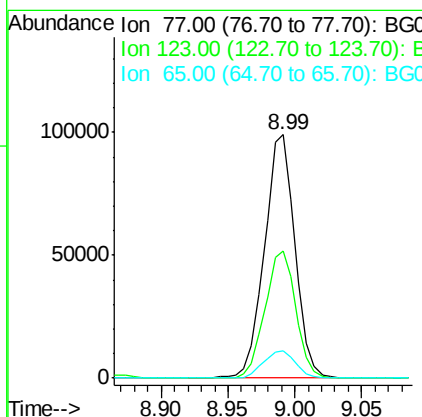
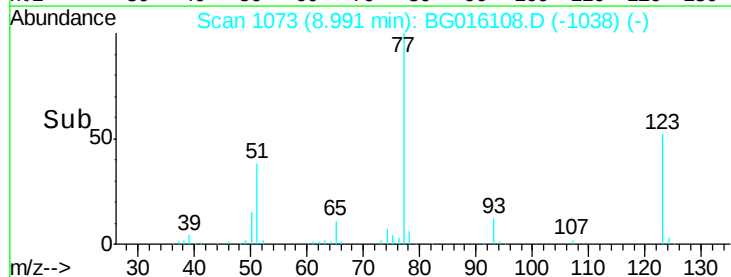
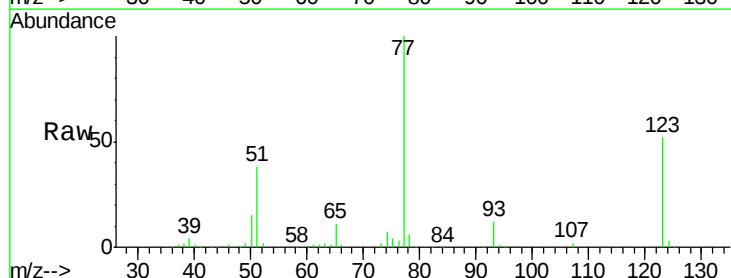
Manual Integrations  
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#24  
 Nitrobenzene  
 Concen: 36.24 ng  
 RT: 8.99 min Scan# 1073  
 Delta R.T. 0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 156847 |       |       |
| 123     | 52.0  | 41.4   | 62.0  |       |
| 65      | 11.2  | 9.7    | 14.5  |       |





#25

Isophorone

Concen: 34.05 ng

RT: 9.51 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

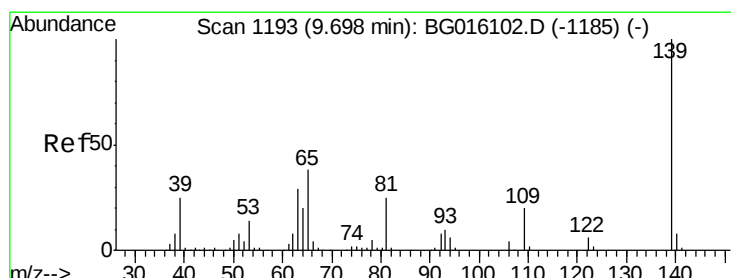
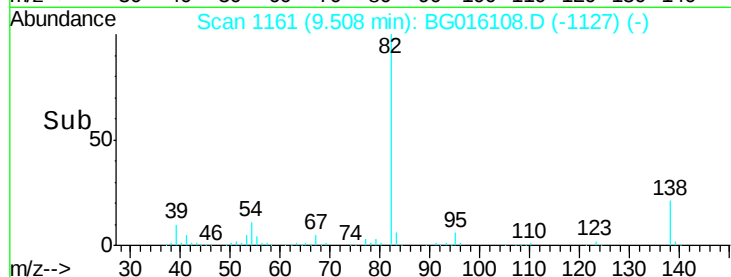
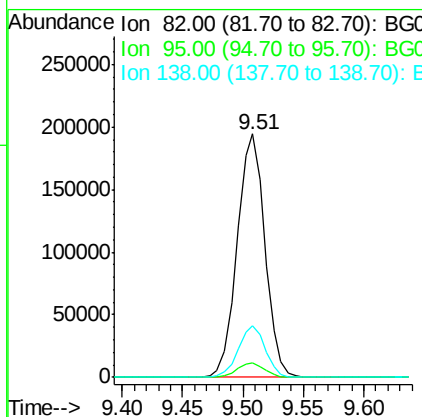
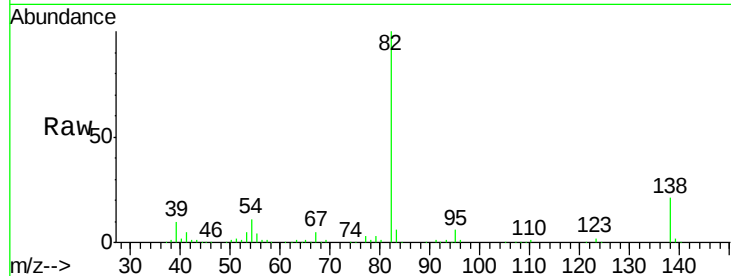
ClientSampleId :

PB82316BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 82    | Resp: | 310577 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 5.7   | 4.6   | 6.8    |
| 138       | 21.3  | 17.1  | 25.7   |

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#26

2-Nitrophenol

Concen: 36.45 ng

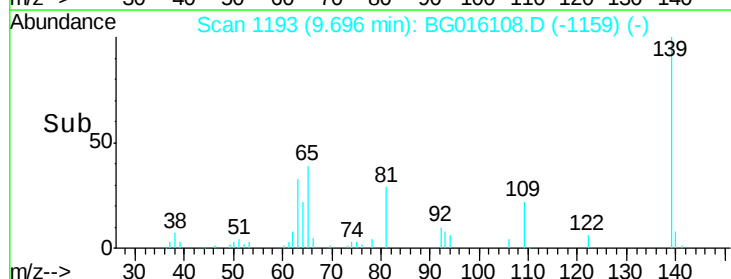
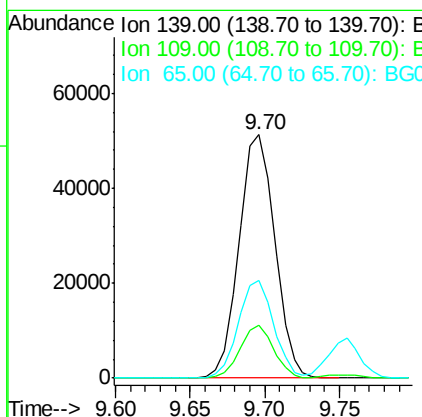
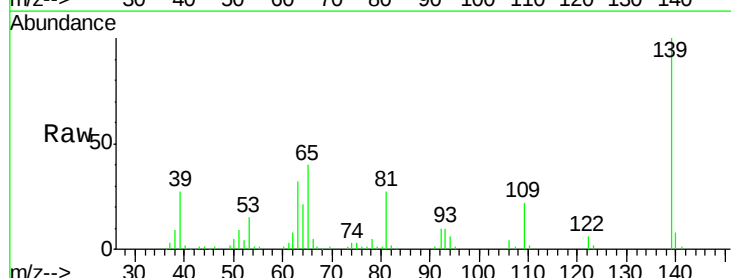
RT: 9.70 min Scan# 1193

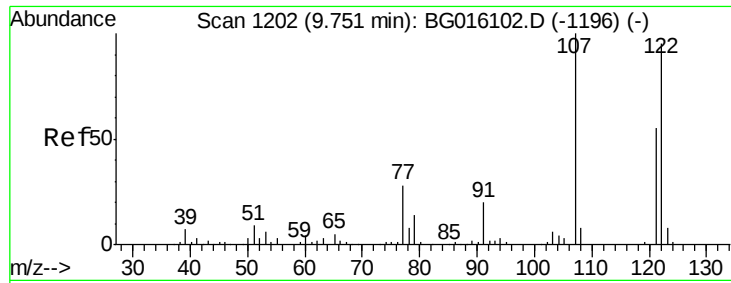
Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 85457 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 21.5  | 15.7  | 23.5  |
| 65        | 40.3  | 30.1  | 45.1  |





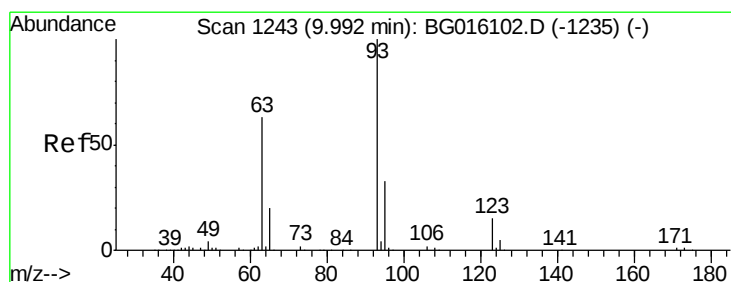
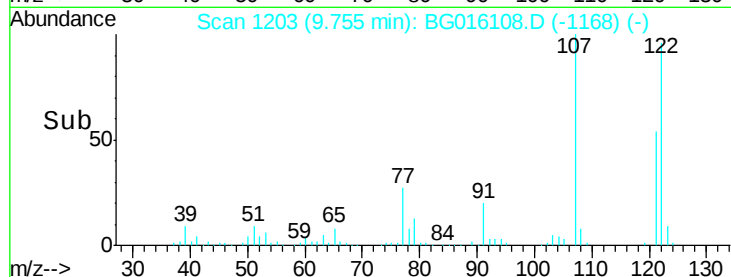
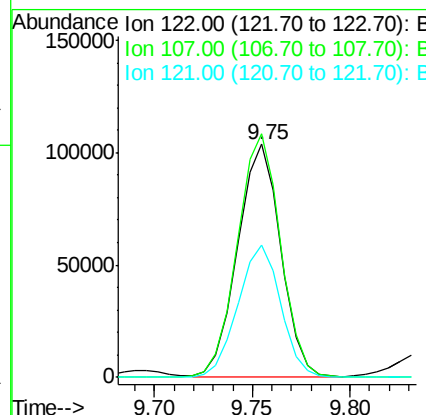
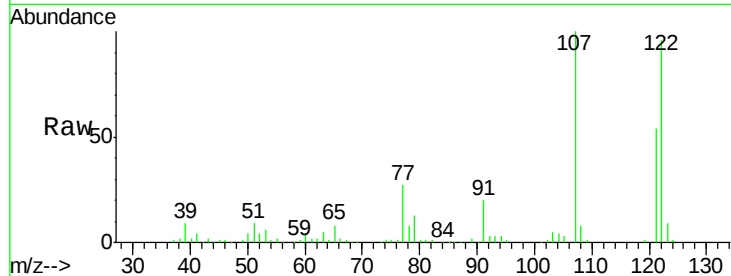
#27  
 2,4-Dimethylphenol  
 Concen: 40.02 ng  
 RT: 9.75 min Scan# 1203  
 Delta R.T. 0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82316BS

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 122     | 100   |            |       |
| 107     | 104.5 | 83.6       | 125.4 |
| 121     | 56.6  | 45.6       | 68.4  |

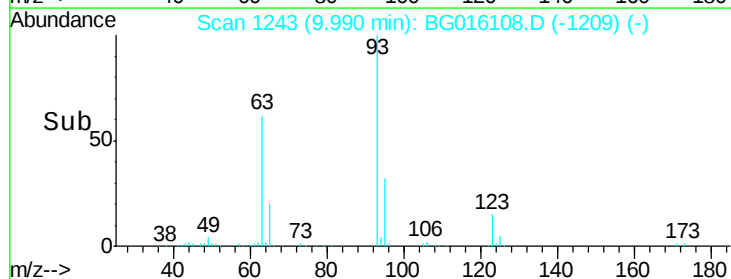
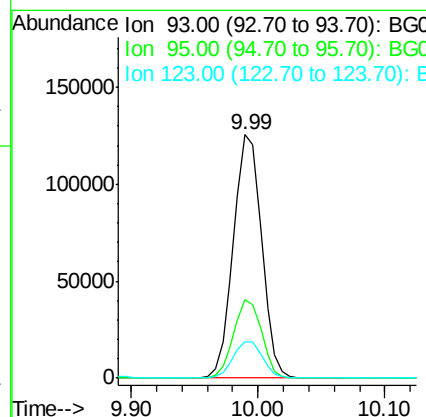
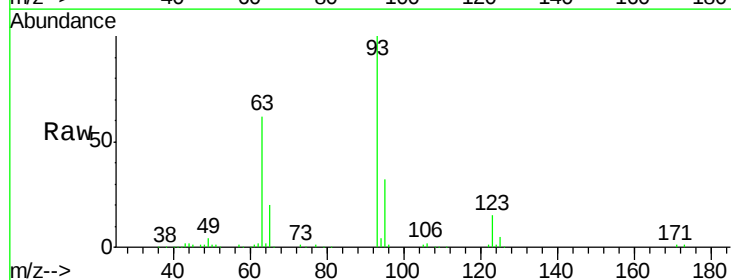
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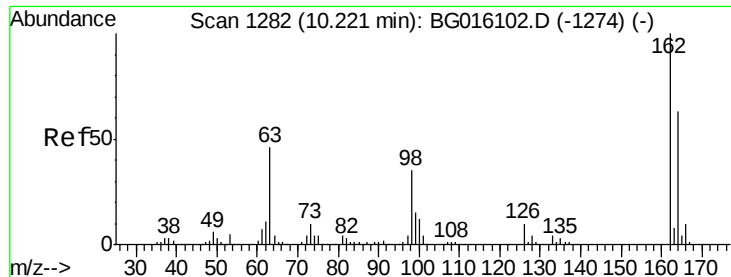
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.83 ng  
 RT: 9.99 min Scan# 1243  
 Delta R.T. -0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 93      | 100   |            |       |
| 95      | 32.0  | 26.4       | 39.6  |
| 123     | 14.7  | 12.3       | 18.5  |





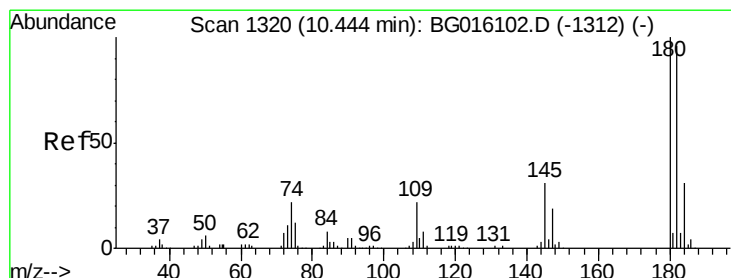
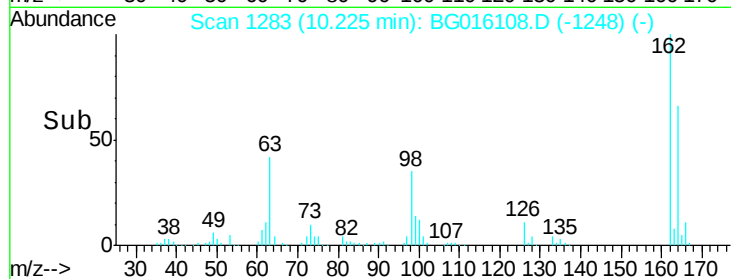
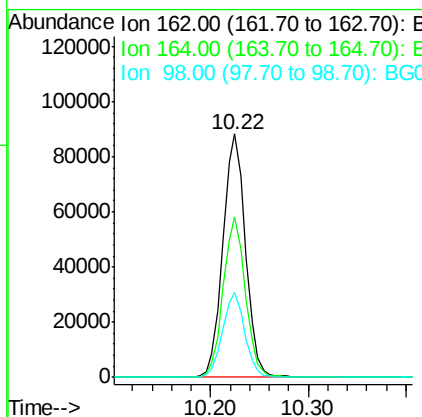
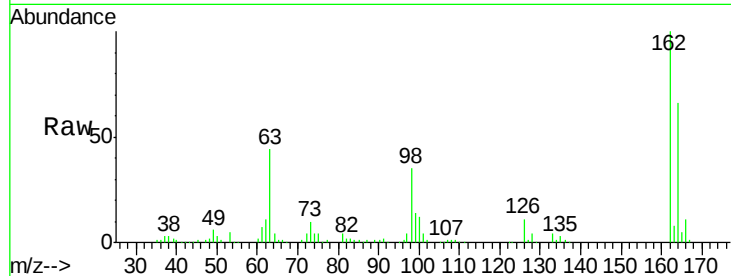
#29  
 2,4-Dichlorophenol  
 Concen: 41.01 ng  
 RT: 10.22 min Scan# 1283  
 Delta R.T. 0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82316BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 141735 |       |       |
| 164     | 65.7  | 43.5   | 83.5  |       |
| 98      | 34.8  | 14.8   | 54.8  |       |

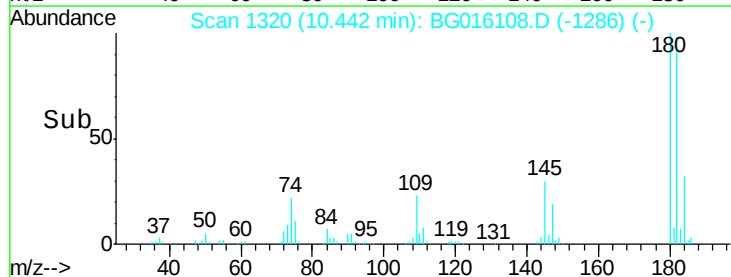
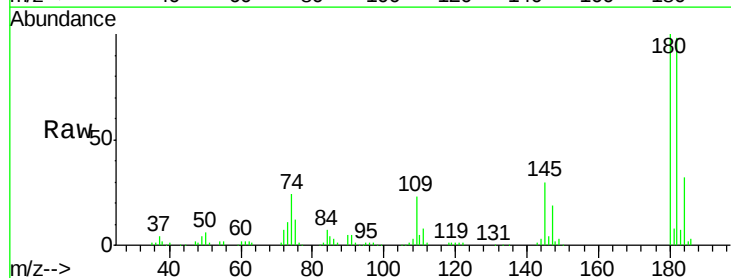
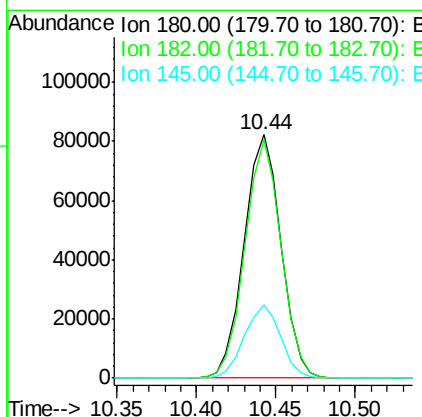
Manual Integrations  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 35.67 ng  
 RT: 10.44 min Scan# 1320  
 Delta R.T. -0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 132770 |       |       |
| 182     | 98.1  | 76.8   | 115.2 |       |
| 145     | 30.3  | 24.8   | 37.2  |       |





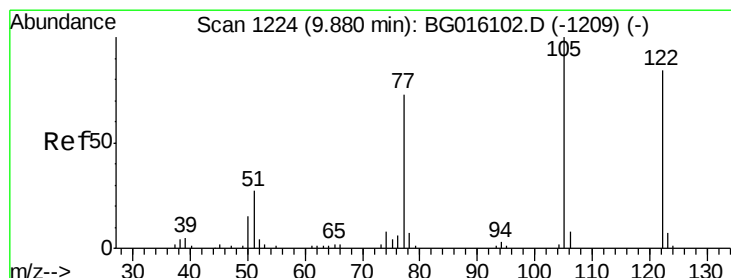
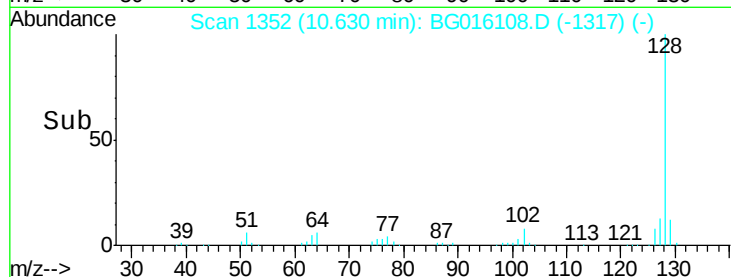
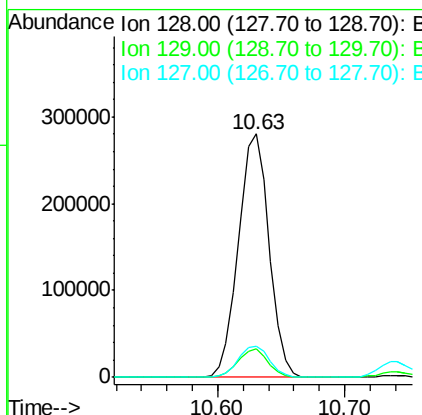
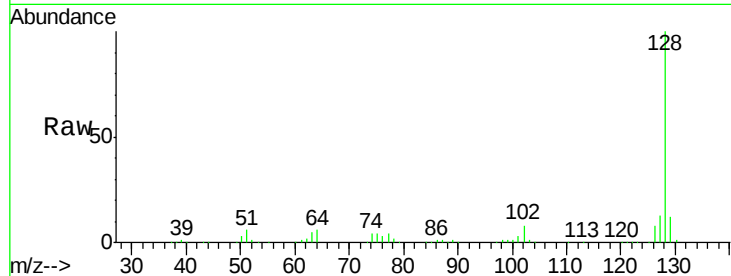
#31  
Naphthalene  
Concen: 35.02 ng  
RT: 10.63 min Scan# 1352  
Delta R.T. 0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB82316BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 467783 |       |       |
| 129     | 11.6  | 9.2    | 13.8  |       |
| 127     | 13.0  | 10.9   | 16.3  |       |

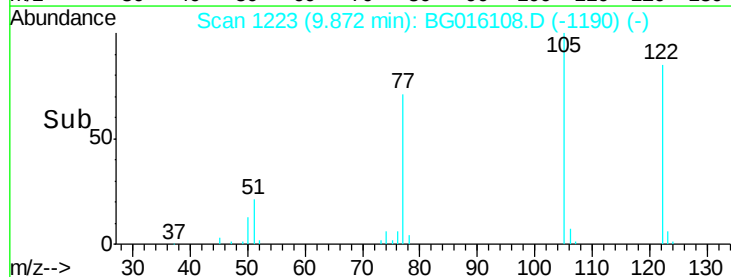
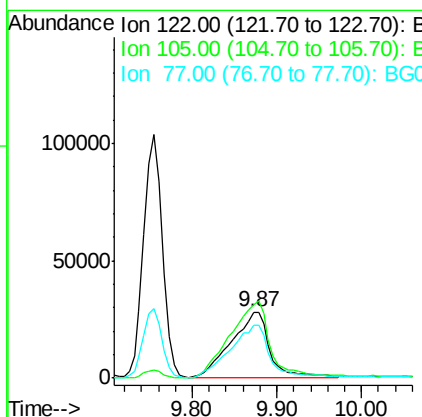
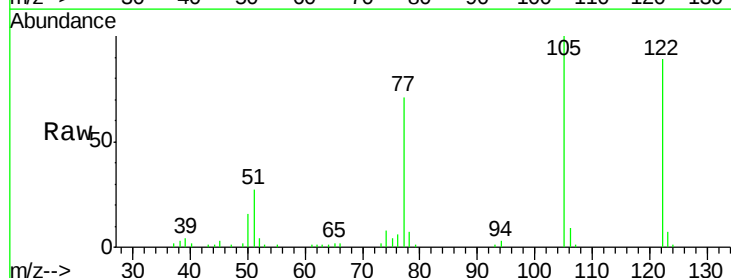
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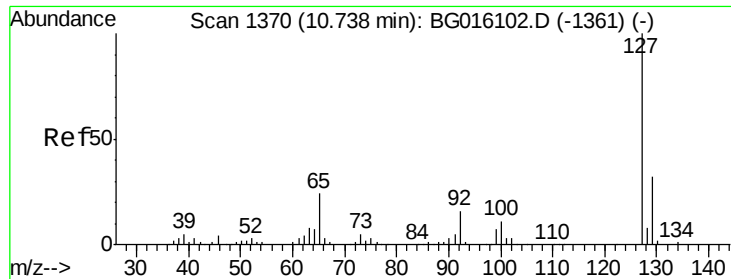
apatel  
3/27/2015 10:47:23 AM



#32  
Benzoic acid  
Concen: 35.18 ng  
RT: 9.87 min Scan# 1223  
Delta R.T. -0.01 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 87454 |       |       |
| 105     | 112.3 | 97.2  | 137.2 |       |
| 77      | 80.1  | 65.0  | 105.0 |       |





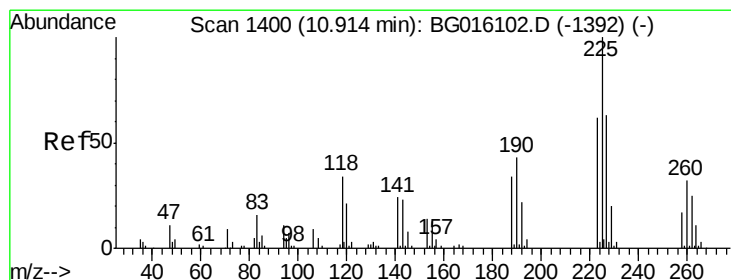
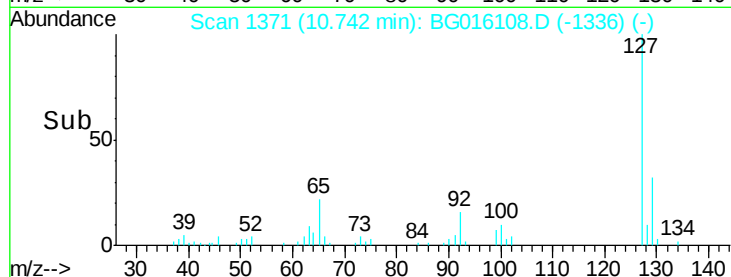
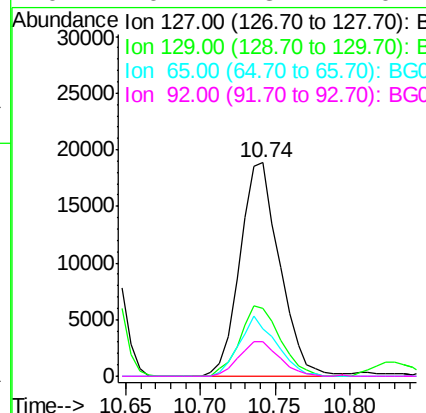
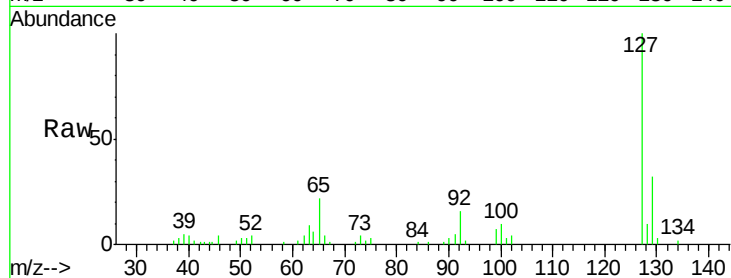
#33  
4-Chloroaniline  
Concen: 5.95 ng  
RT: 10.74 min Scan# 1371  
Delta R.T. 0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

Instrument :  
BNA\_G  
ClientSampled :  
PB82316BS

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 31.7  | 25.3 | 37.9  |       |
| 65      | 22.2  | 19.5 | 29.3  |       |
| 92      | 16.2  | 13.1 | 19.7  |       |

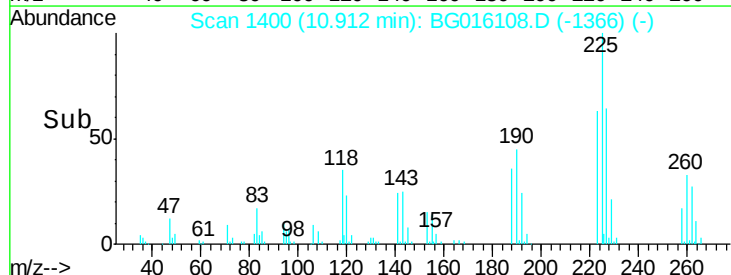
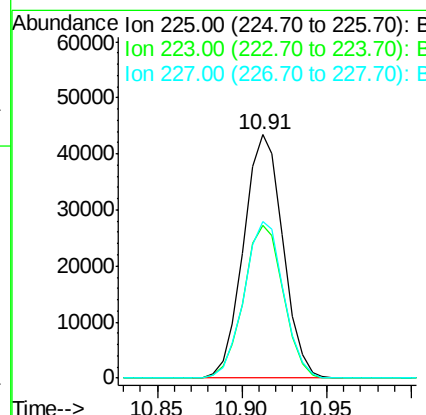
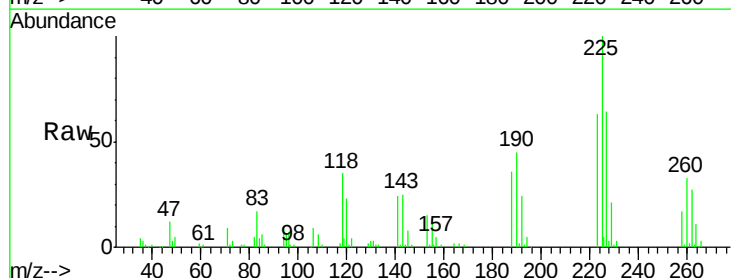
Manual Integrations  
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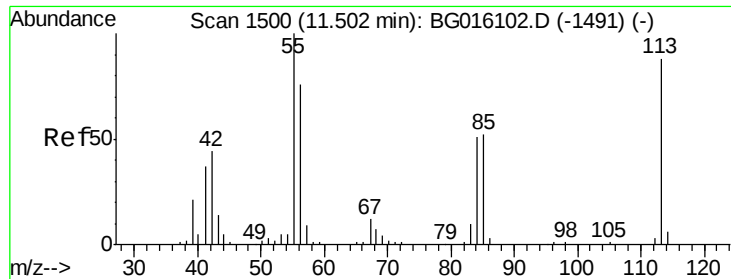
apatel  
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#34  
Hexachlorobutadiene  
Concen: 34.66 ng  
RT: 10.91 min Scan# 1400  
Delta R.T. -0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.7  | 49.5 | 74.3  |       |
| 227     | 64.5  | 50.4 | 75.6  |       |





#35

Caprolactam

Concen: 35.53 ng m

RT: 11.49 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

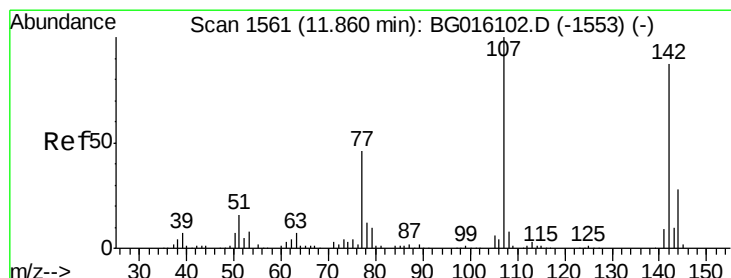
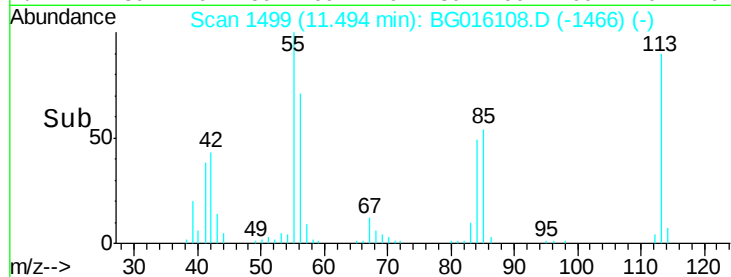
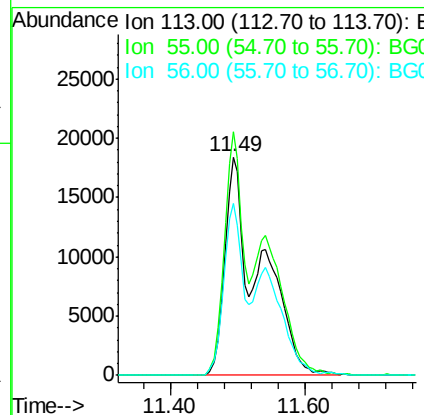
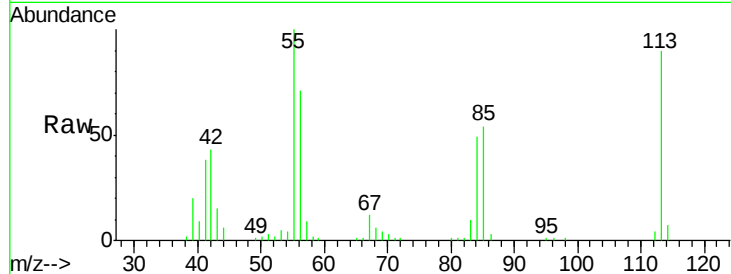
ClientSampleId :

PB82316BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 66685 |       |       |
| 55      | 111.6 | 93.9  | 133.9 |       |
| 56      | 78.8  | 67.1  | 107.1 |       |

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#36

4-Chloro-3-methylphenol

Concen: 37.38 ng

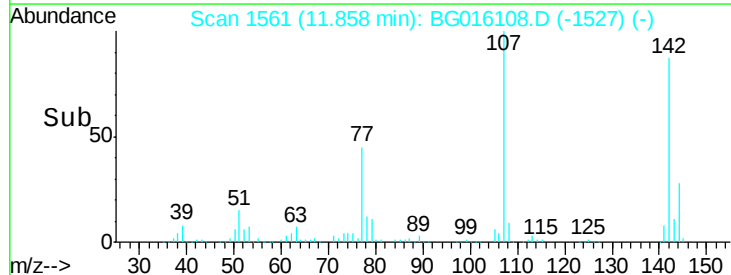
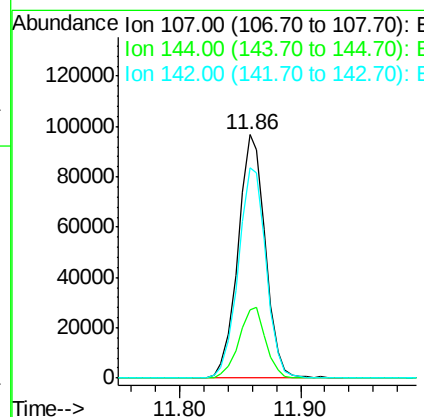
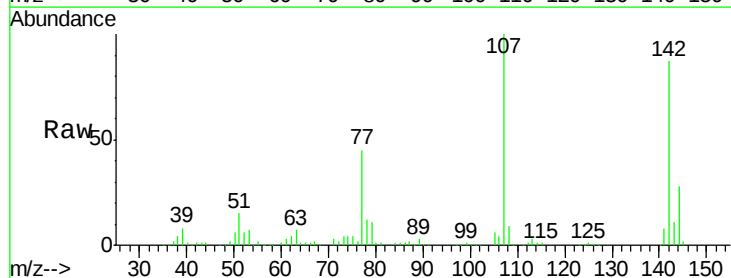
RT: 11.86 min Scan# 1561

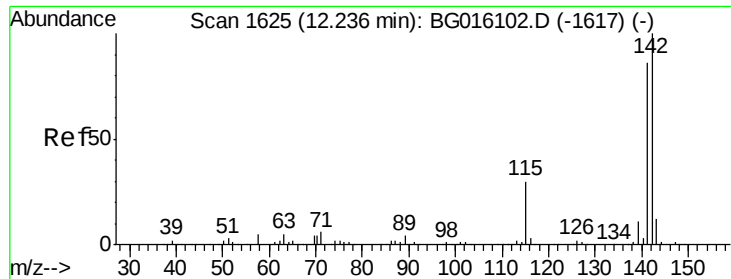
Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 152420 |       |       |
| 144     | 28.2  | 22.7   | 34.1  |       |
| 142     | 86.7  | 69.7   | 104.5 |       |





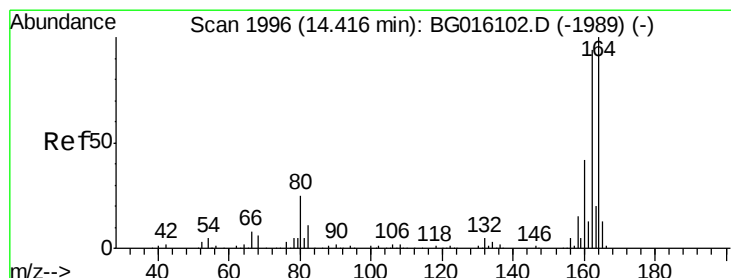
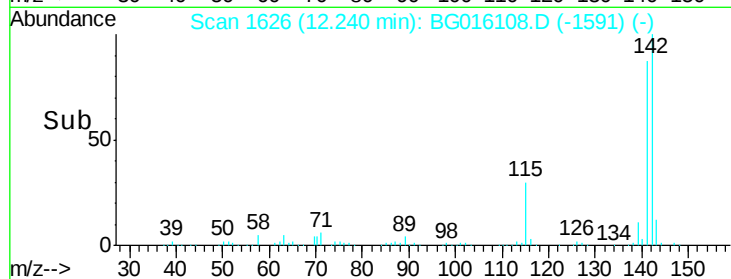
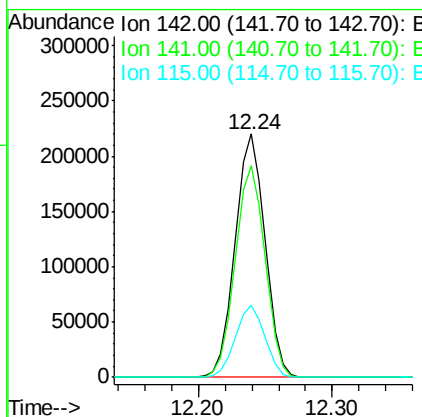
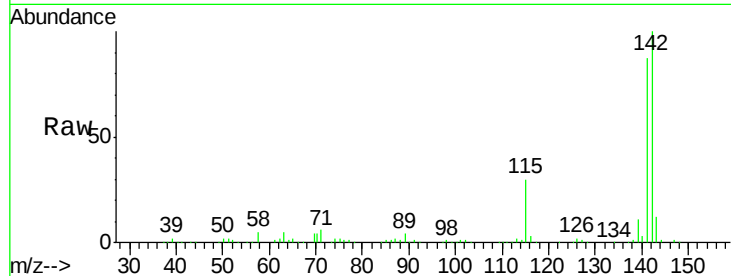
#37  
2-Methylnaphthalene  
Concen: 35.87 ng  
RT: 12.24 min Scan# 1626  
Delta R.T. 0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB82316BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.1  | 68.6  | 103.0 |
| 115     | 29.6  | 24.0  | 36.0  |

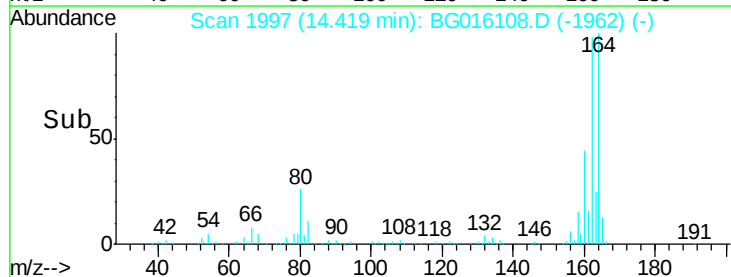
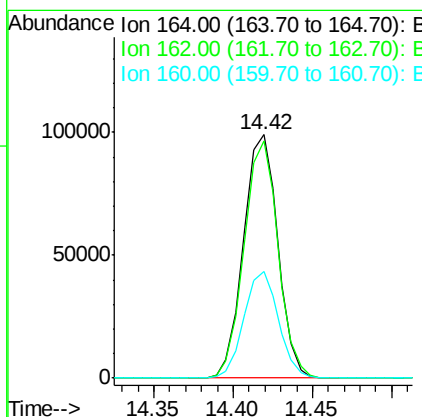
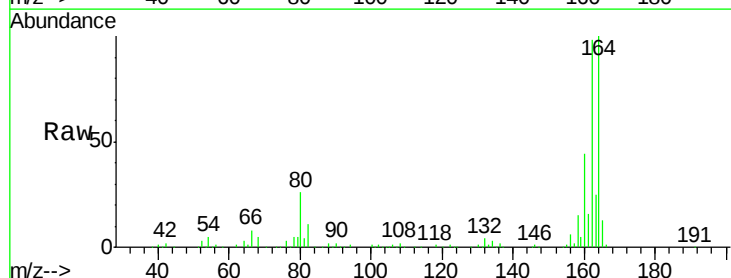
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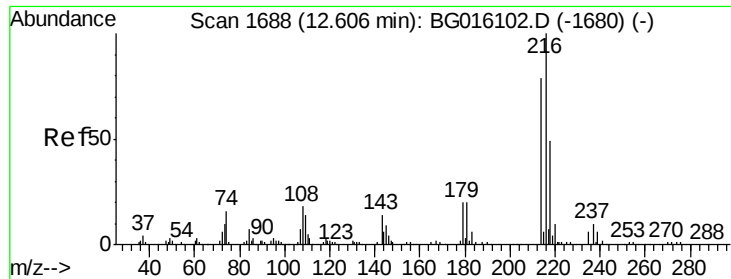
apatel  
3/27/2015 10:47:23 AM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.42 min Scan# 1997  
Delta R.T. 0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 97.5  | 75.2  | 112.8 |
| 160     | 44.1  | 33.9  | 50.9  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.74 ng

RT: 12.61 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BG016108.D

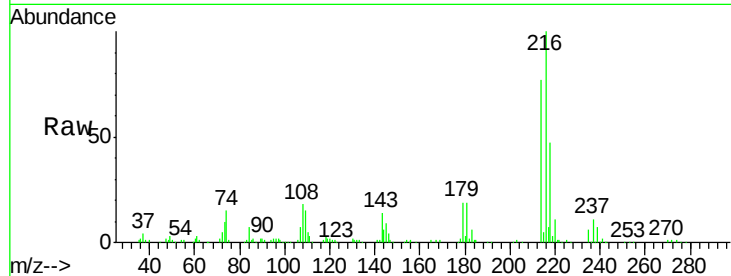
Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

ClientSampled :

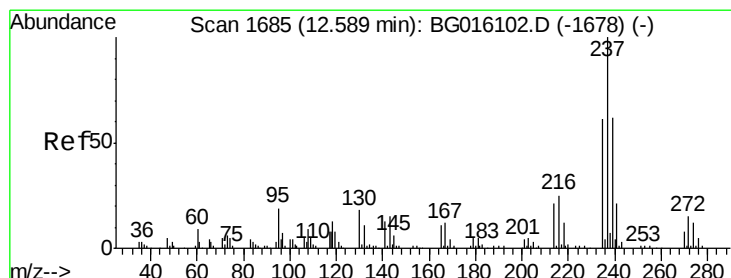
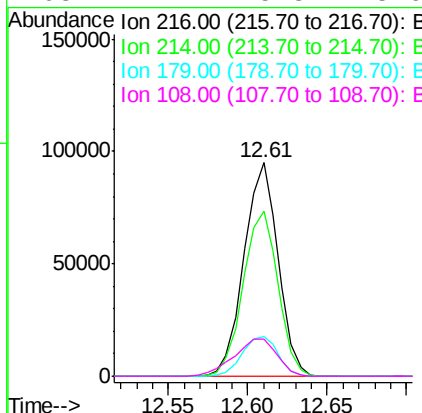
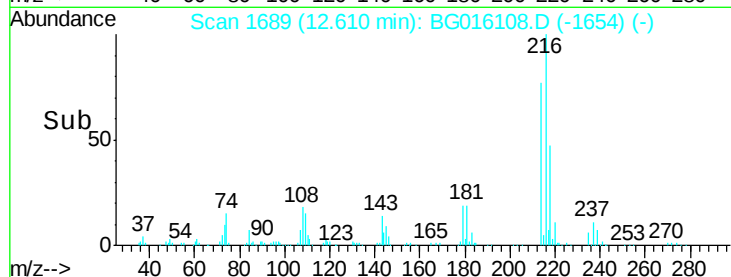
PB82316BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 141298 |       |       |
| 214     | 79.0  | 63.0   | 94.6  |       |
| 179     | 19.8  | 15.4   | 23.2  |       |
| 108     | 22.2  | 15.8   | 23.6  |       |

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#40

Hexachlorocyclopentadiene

Concen: 81.47 ng

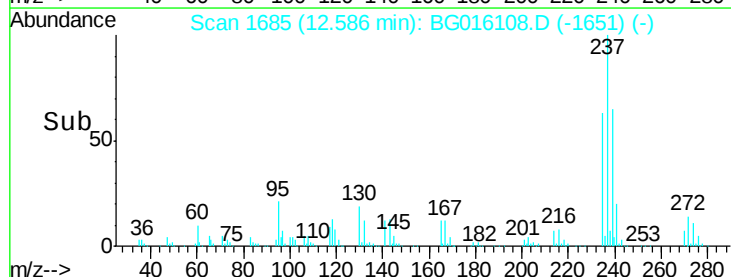
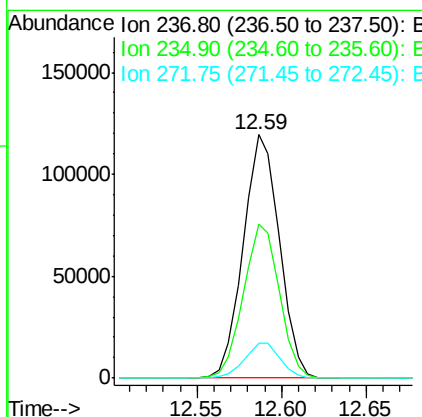
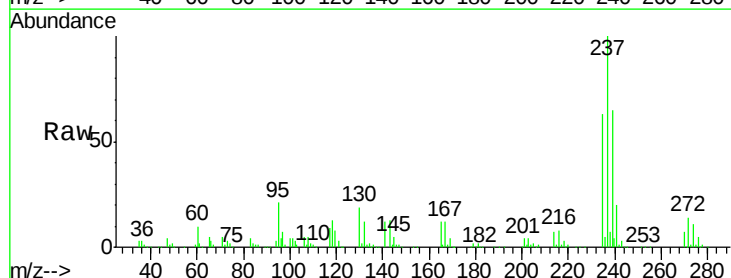
RT: 12.59 min Scan# 1685

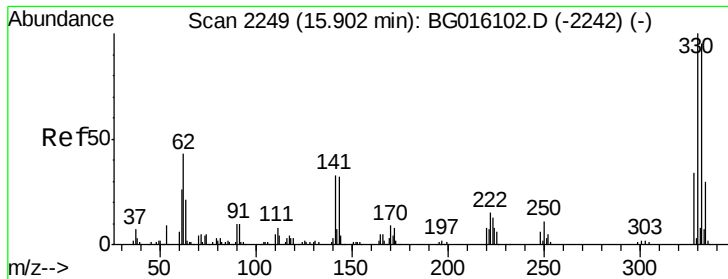
Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 178346 |       |       |
| 235     | 63.5  | 41.5   | 81.5  |       |
| 272     | 14.4  | 0.0    | 35.3  |       |





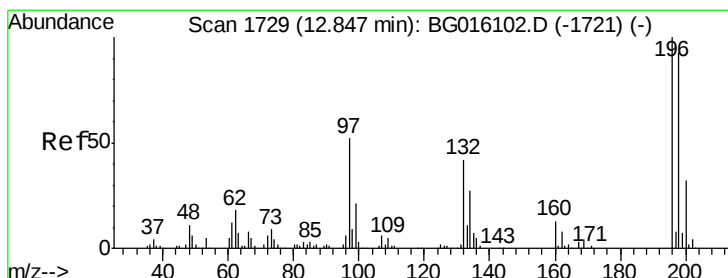
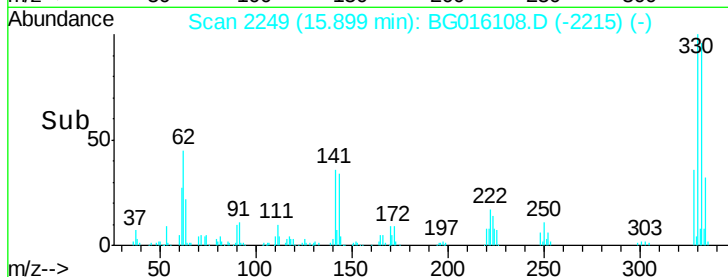
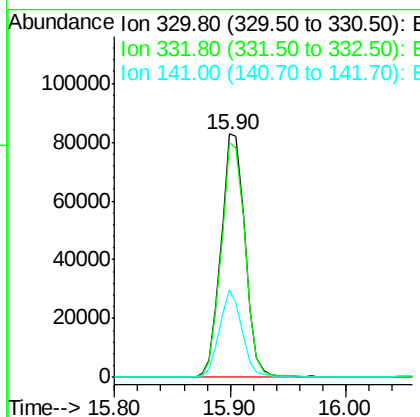
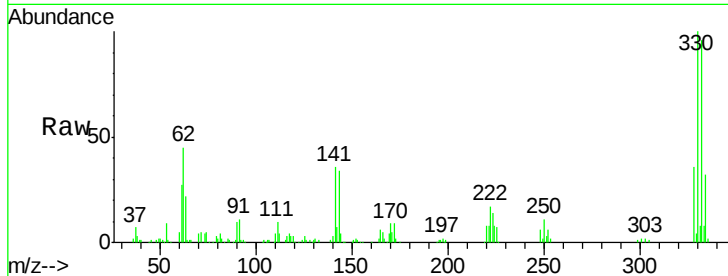
#41  
 2,4,6-Tribromophenol  
 Concen: 70.00 ng  
 RT: 15.90 min Scan# 2249  
 Delta R.T. -0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82316BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 119493 |       |       |
| 332     | 96.2  | 76.6   | 114.8 |       |
| 141     | 33.7  | 26.2   | 39.4  |       |

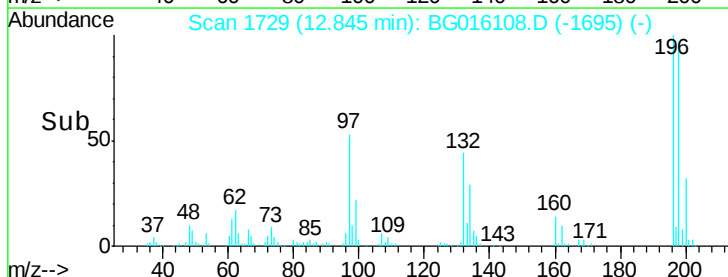
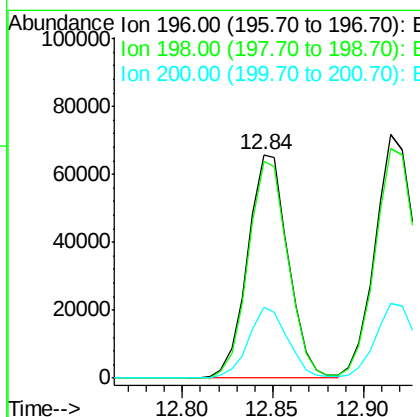
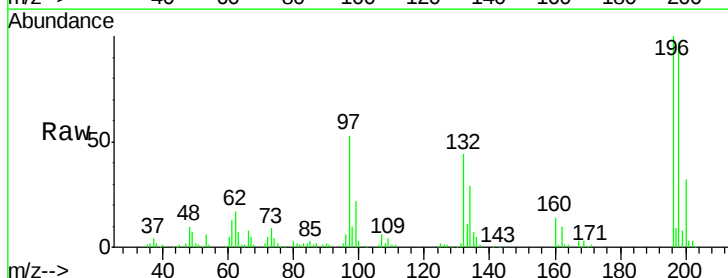
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#42  
 2,4,6-Trichlorophenol  
 Concen: 38.18 ng  
 RT: 12.84 min Scan# 1729  
 Delta R.T. -0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

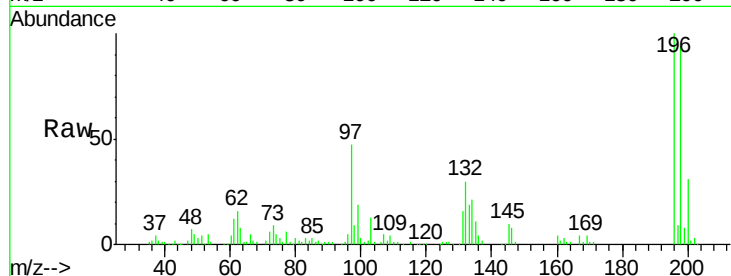
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 102127 |       |       |
| 198     | 96.7  | 74.0   | 111.0 |       |
| 200     | 31.9  | 25.7   | 38.5  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 38.45 ng  
 RT: 12.92 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

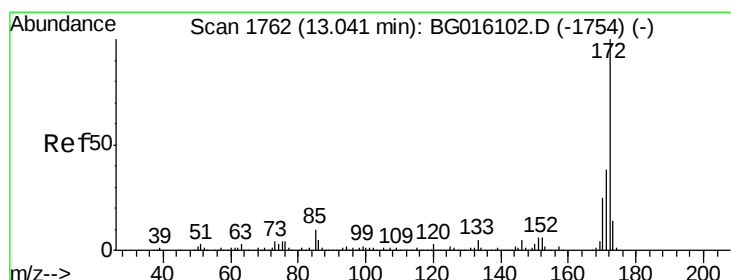
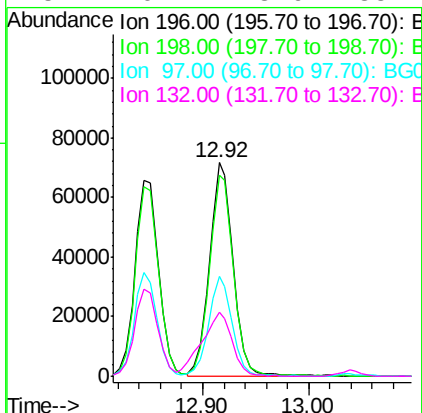
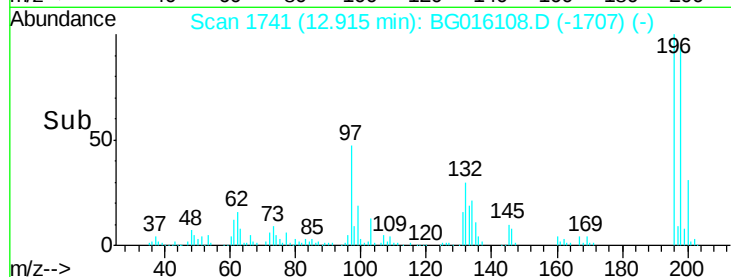
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82316BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 112161 |       |       |
| 198     | 94.2  | 76.2   | 114.4 |       |
| 97      | 46.7  | 36.2   | 54.4  |       |
| 132     | 29.7  | 23.6   | 35.4  |       |

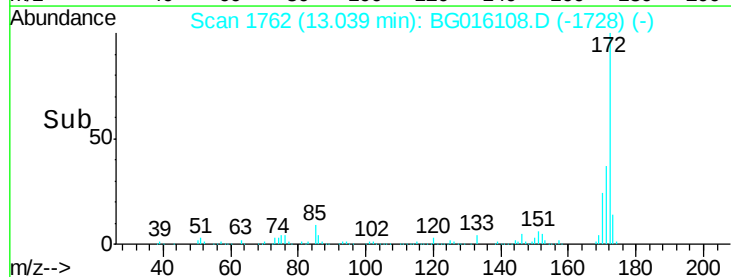
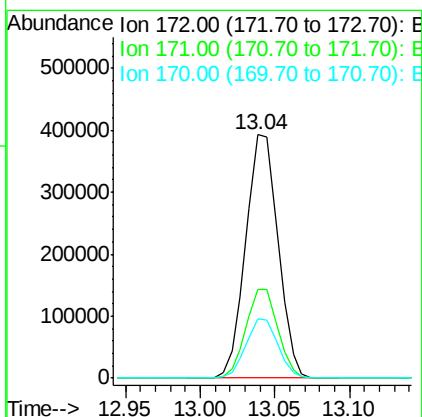
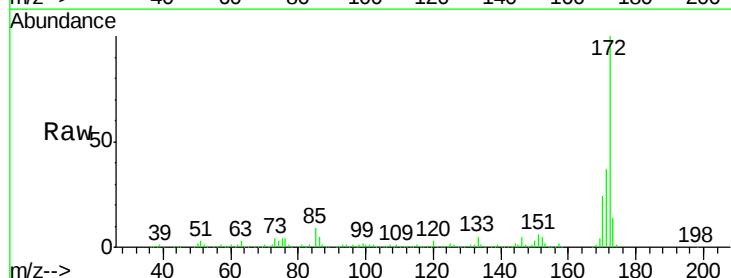
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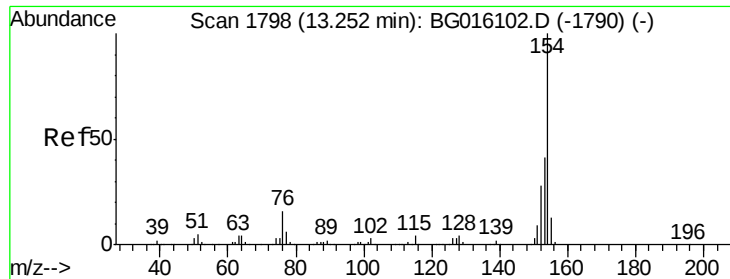
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#44  
 2-Fluorobiphenyl  
 Concen: 66.13 ng  
 RT: 13.04 min Scan# 1762  
 Delta R.T. -0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 587363 |       |       |
| 171     | 36.7  | 30.3   | 45.5  |       |
| 170     | 24.4  | 19.8   | 29.8  |       |





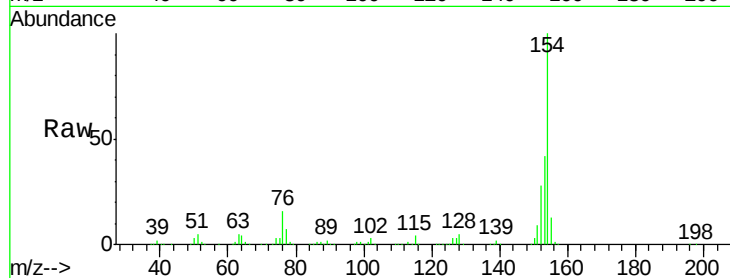
#45  
 1,1'-Biphenyl  
 Concen: 37.50 ng  
 RT: 13.25 min Scan# 1798  
 Delta R.T. -0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82316BS

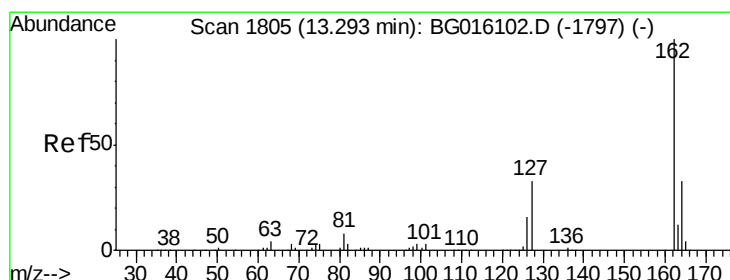
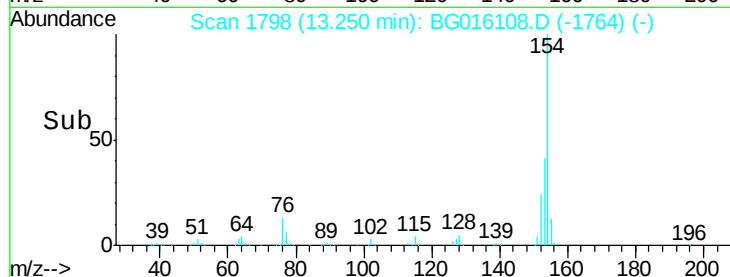
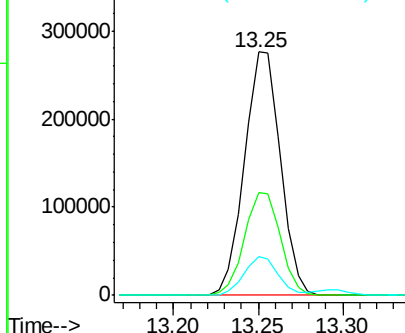
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 42.3  | 21.4       | 61.4  |
| 76      | 15.7  | 0.0        | 35.5  |

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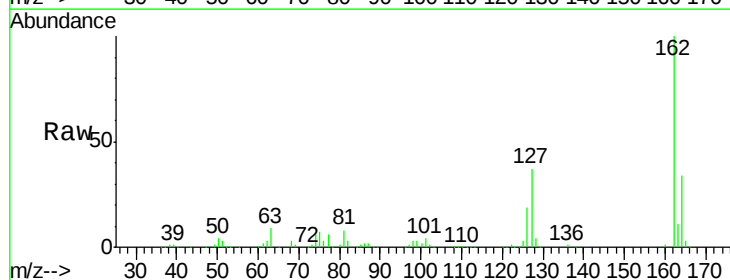


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BGC

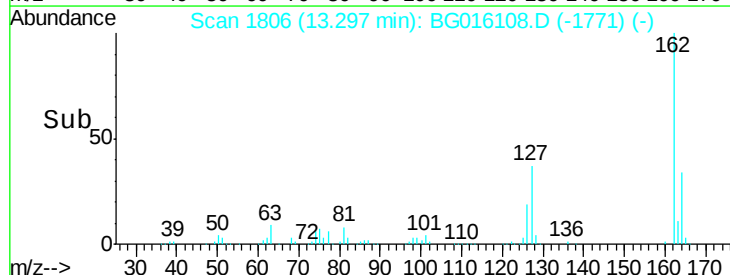
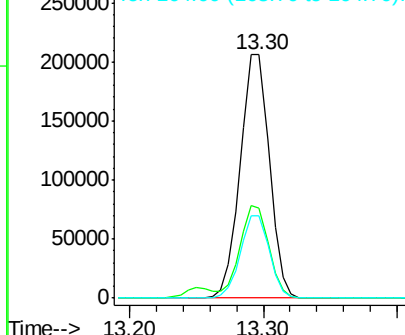


#46  
 2-Chloronaphthalene  
 Concen: 36.75 ng  
 RT: 13.30 min Scan# 1806  
 Delta R.T. 0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 36.9  | 29.4       | 44.2  |
| 164     | 33.9  | 26.1       | 39.1  |



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





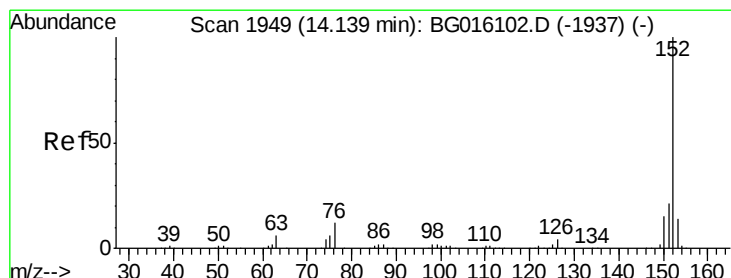
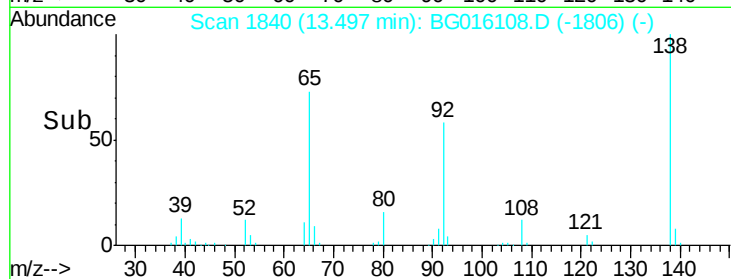
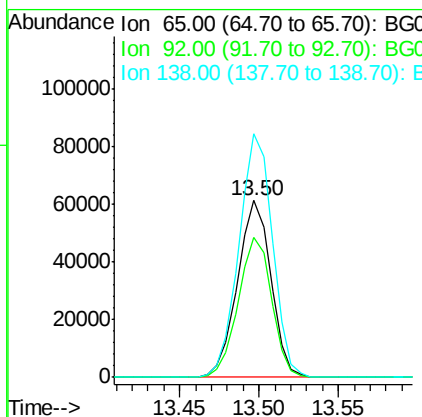
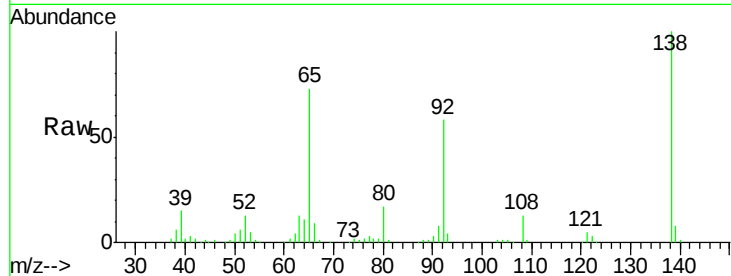
#47  
 2-Nitroaniline  
 Concen: 36.73 ng  
 RT: 13.50 min Scan# 1840  
 Delta R.T. -0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82316BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 79.1  | 64.2  | 96.4  |
| 138     | 137.5 | 110.4 | 165.6 |

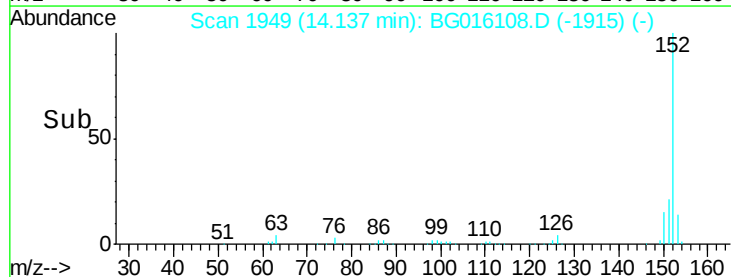
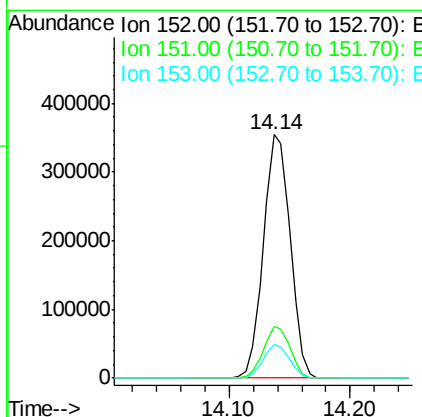
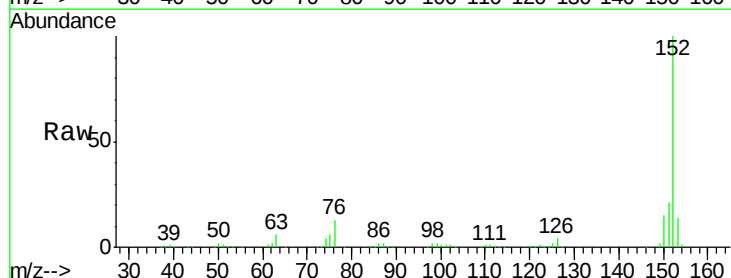
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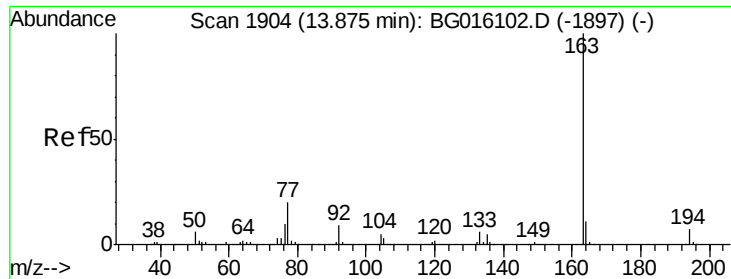
apatel  
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#48  
 Acenaphthylene  
 Concen: 34.96 ng  
 RT: 14.14 min Scan# 1949  
 Delta R.T. -0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.0  | 17.0  | 25.4  |
| 153     | 13.8  | 11.0  | 16.4  |





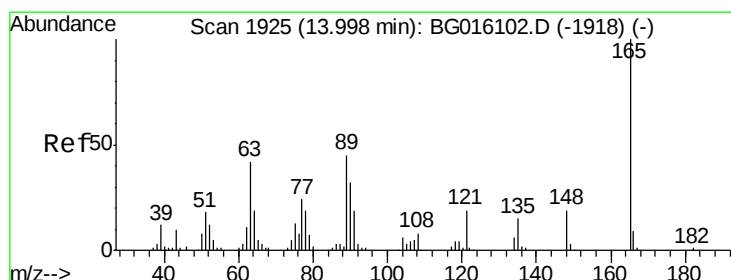
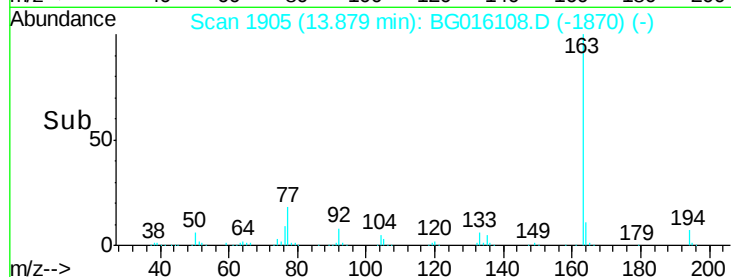
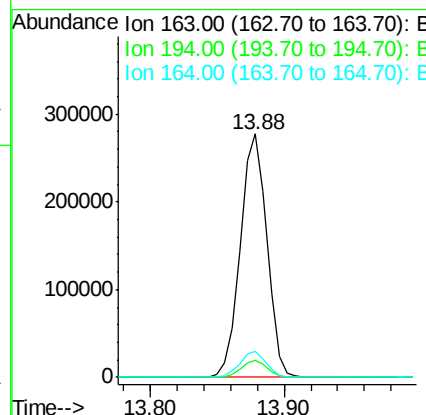
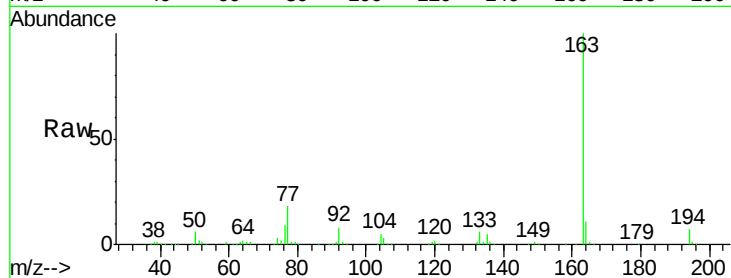
#49  
Dimethylphthalate  
Concen: 36.72 ng  
RT: 13.88 min Scan# 1905  
Delta R.T. 0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB82316BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 6.8   | 5.4        | 8.0        |
| 164     | 10.6  | 8.6        | 13.0       |

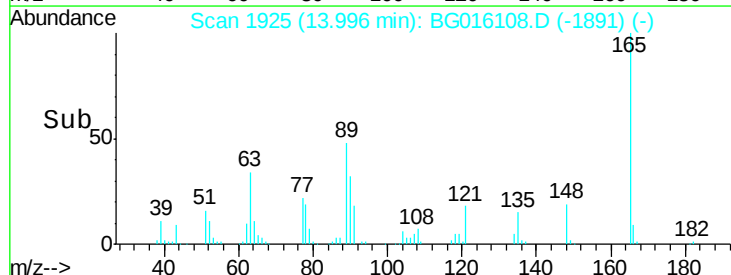
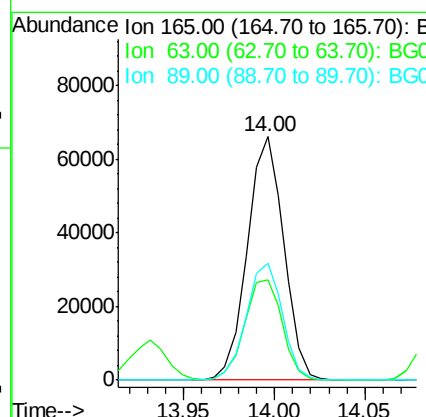
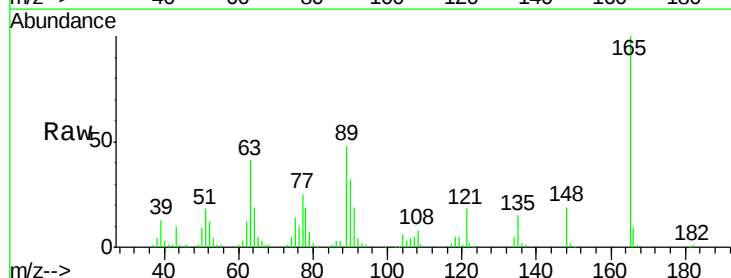
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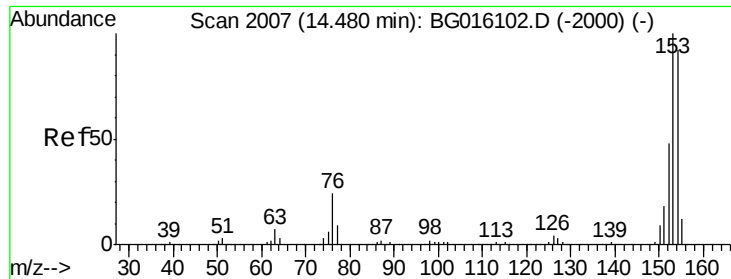
apatel  
3/27/2015 10:47:23 AM



#50  
2,6-Dinitrotoluene  
Concen: 37.46 ng  
RT: 14.00 min Scan# 1925  
Delta R.T. -0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 41.0  | 33.8       | 50.6       |
| 89      | 47.9  | 35.8       | 53.8       |





#51

Acenaphthene

Concen: 34.75 ng

RT: 14.48 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG016108.D

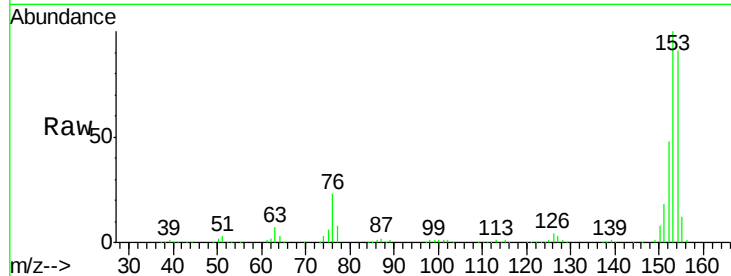
Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

ClientSampleId :

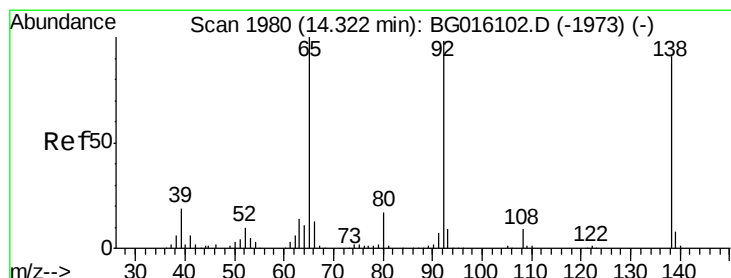
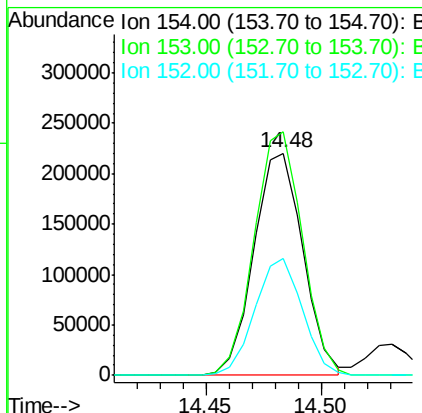
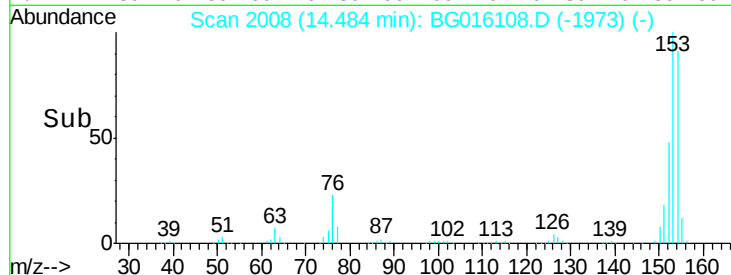
PB82316BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 325751 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 109.6 | 87.2  | 130.8  |
| 152       | 52.6  | 41.8  | 62.6   |

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#52

3-Nitroaniline

Concen: 11.69 ng

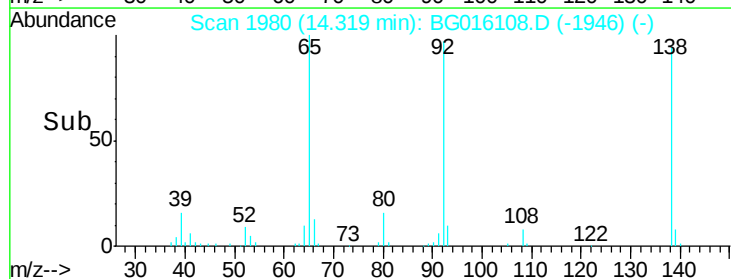
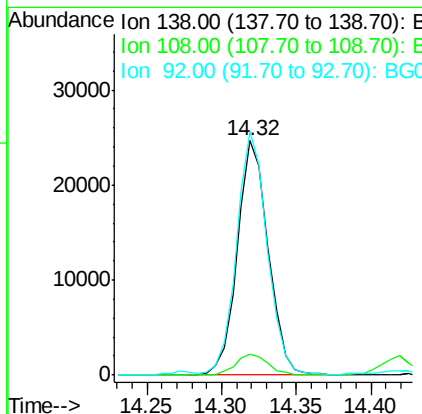
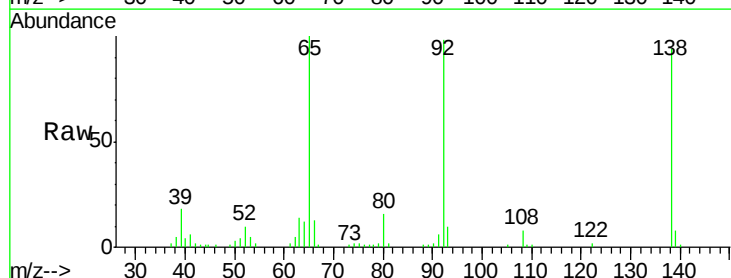
RT: 14.32 min Scan# 1980

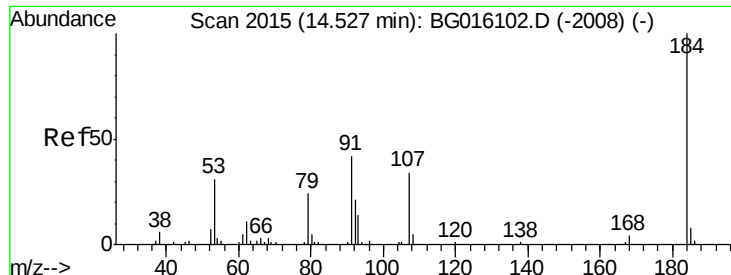
Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

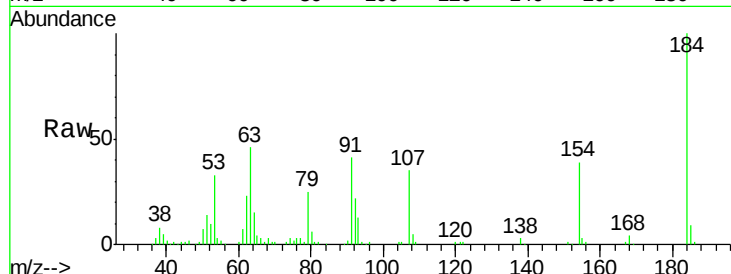
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 35384 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 8.8   | 7.8   | 11.6  |
| 92        | 103.9 | 85.8  | 128.8 |





#53  
 2,4-Dinitrophenol  
 Concen: 74.30 ng  
 RT: 14.53 min Scan# 2016  
 Delta R.T. 0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

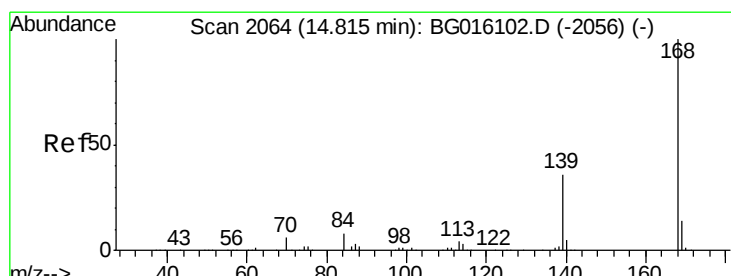
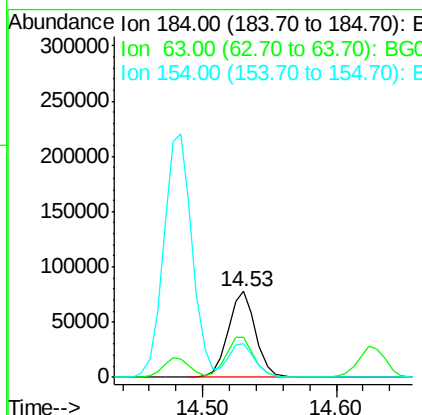
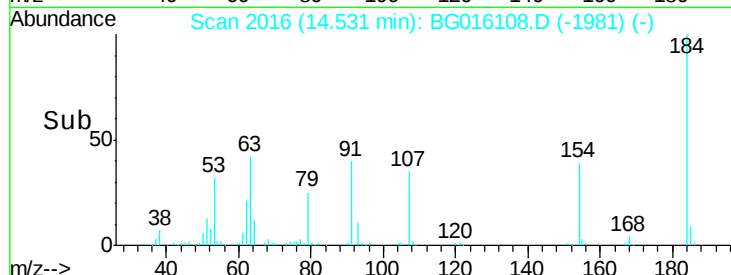
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82316BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 112046 |       |       |
| 63      | 46.1  | 36.5   | 54.7  |       |
| 154     | 39.5  | 30.2   | 45.4  |       |

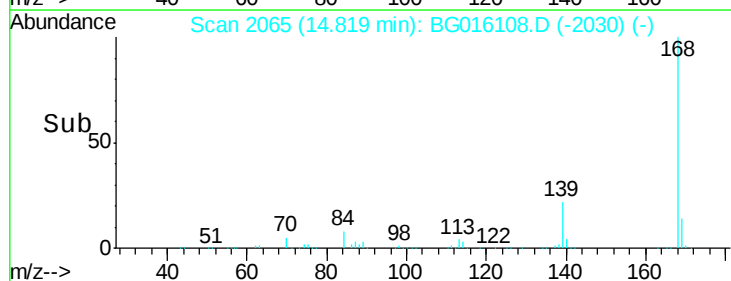
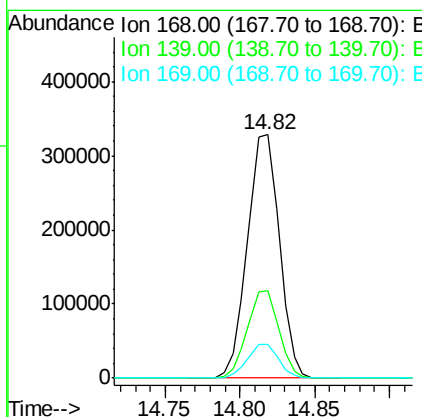
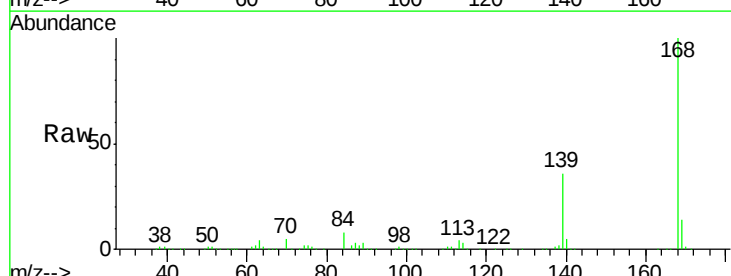
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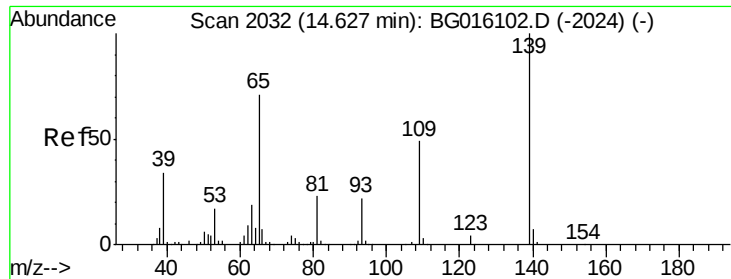
apatel  
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#54  
 Dibenzofuran  
 Concen: 37.04 ng  
 RT: 14.82 min Scan# 2065  
 Delta R.T. 0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 485033 |       |       |
| 139     | 35.9  | 29.0   | 43.4  |       |
| 169     | 14.0  | 11.1   | 16.7  |       |





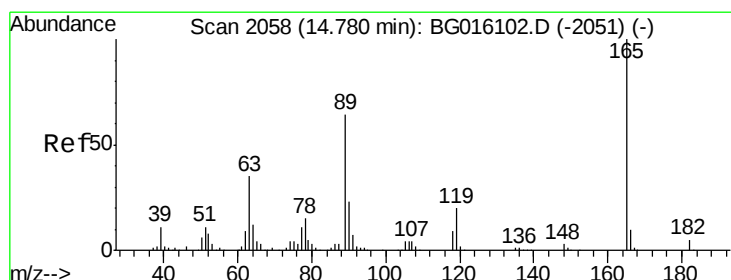
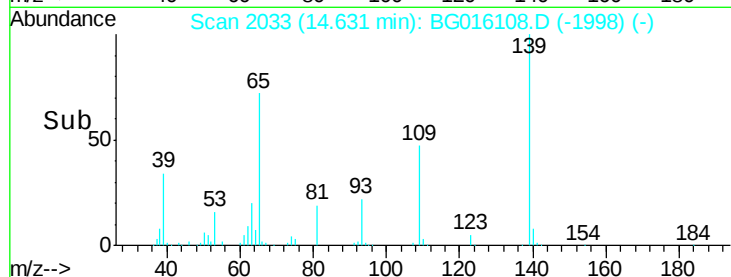
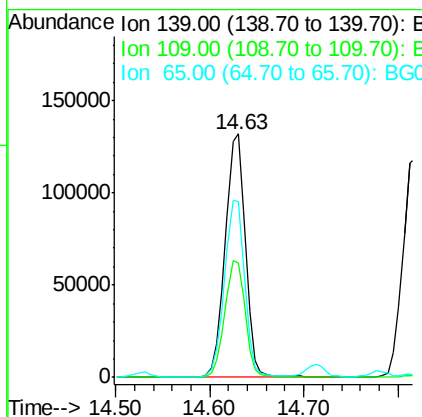
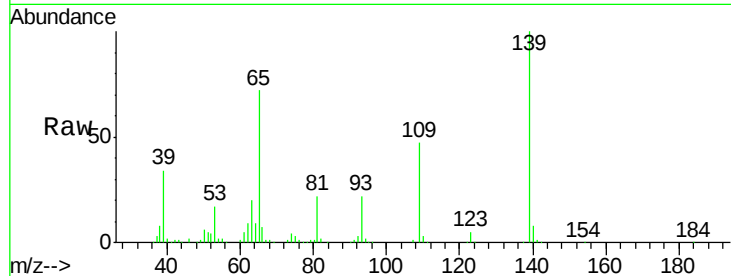
#55  
4-Nitrophenol  
Concen: 81.47 ng  
RT: 14.63 min Scan# 2033  
Delta R.T. 0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB82316BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 199811 |       |       |
| 109     | 47.0  | 28.7   | 68.7  |       |
| 65      | 72.0  | 50.7   | 90.7  |       |

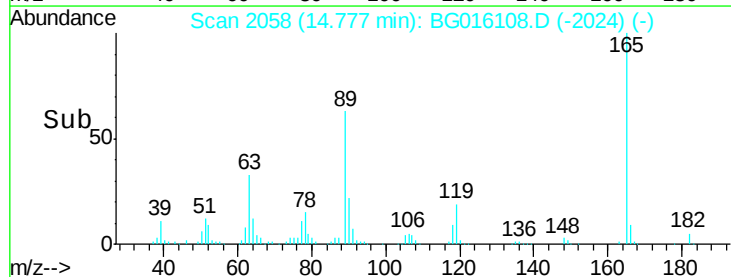
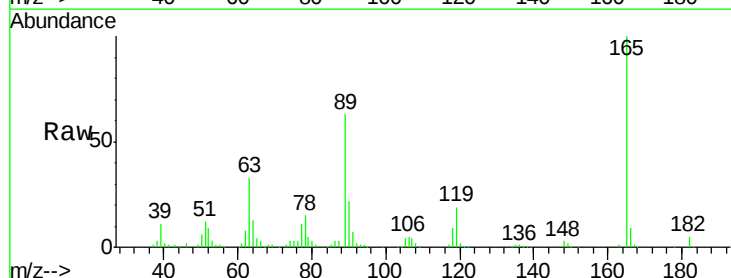
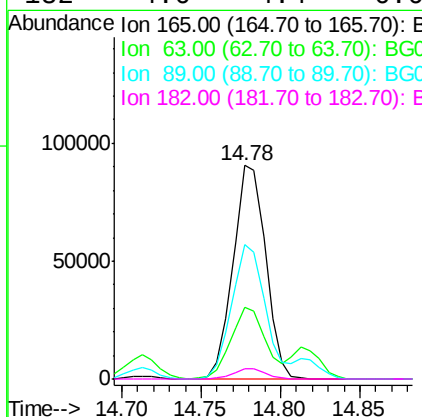
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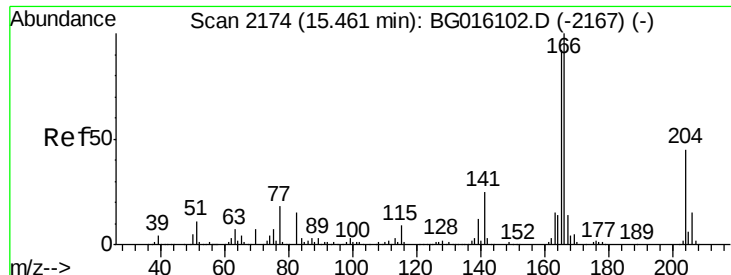
apatel  
3/27/2015 10:47:23 AM



#56  
2,4-Dinitrotoluene  
Concen: 38.10 ng  
RT: 14.78 min Scan# 2058  
Delta R.T. -0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 129085 |       |       |
| 63      | 33.5  | 27.8   | 41.6  |       |
| 89      | 62.9  | 51.2   | 76.8  |       |
| 182     | 4.6   | 4.4    | 6.6   |       |





#57

Fluorene

Concen: 35.48 ng

RT: 15.46 min Scan# 2175

Delta R.T. 0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

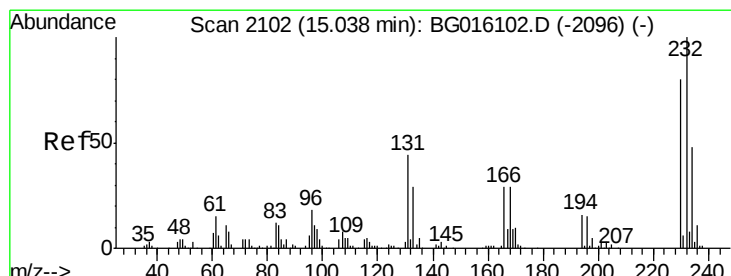
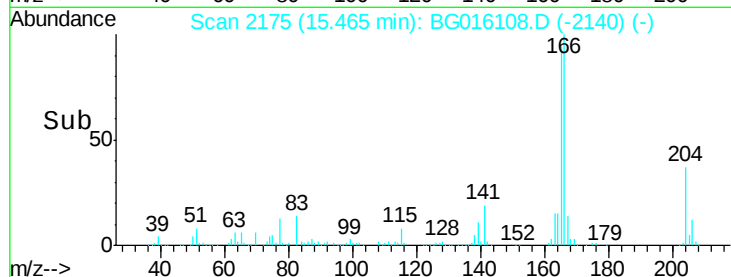
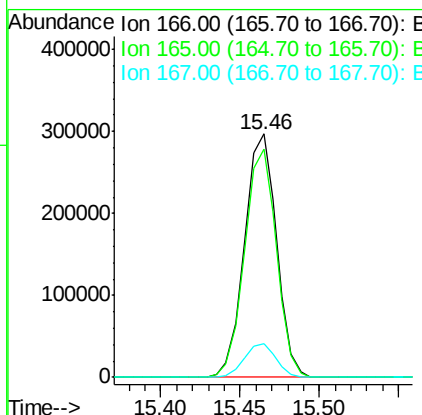
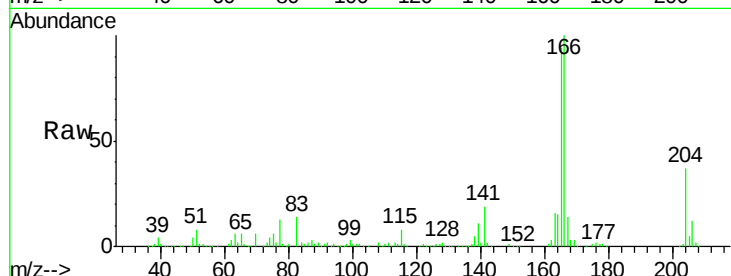
ClientSampleId :

PB82316BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 414615 |       |       |
| 165     | 93.6  | 73.9   | 110.9 |       |
| 167     | 14.0  | 11.3   | 16.9  |       |

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#58

2,3,4,6-Tetrachlorophenol

Concen: 37.62 ng

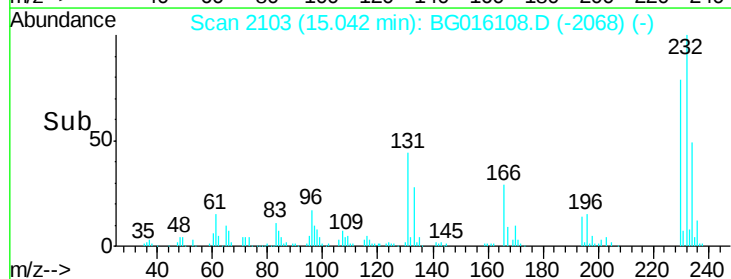
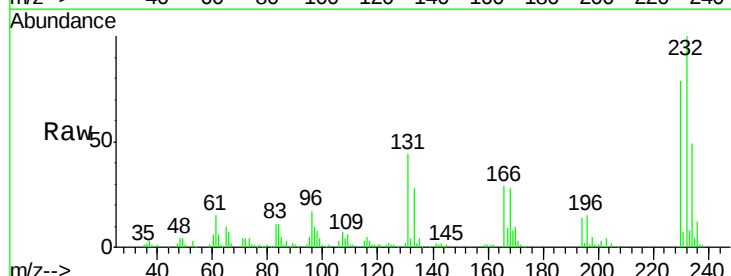
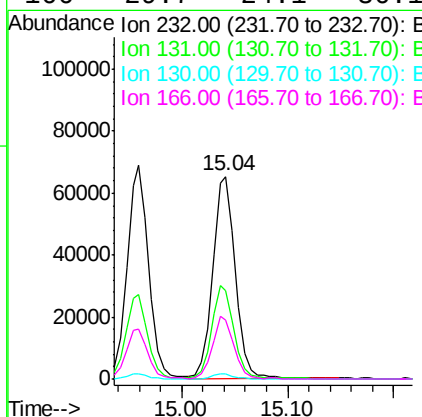
RT: 15.04 min Scan# 2103

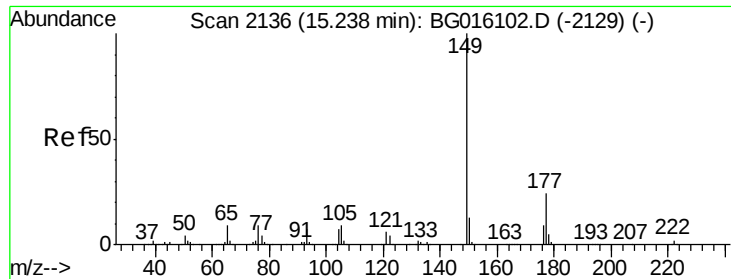
Delta R.T. 0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 97819 |       |       |
| 131     | 46.1  | 36.0  | 54.0  |       |
| 130     | 2.4   | 1.9   | 2.9   |       |
| 166     | 29.7  | 24.1  | 36.1  |       |





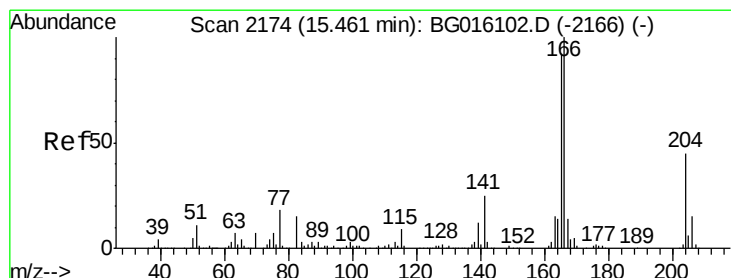
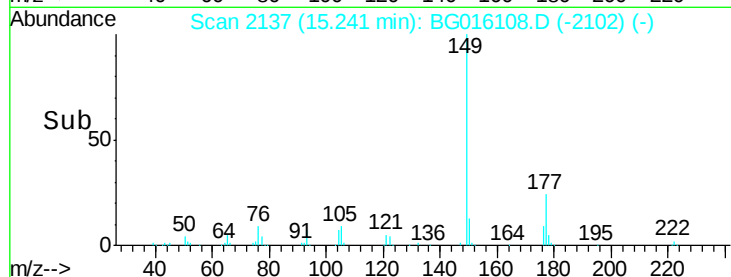
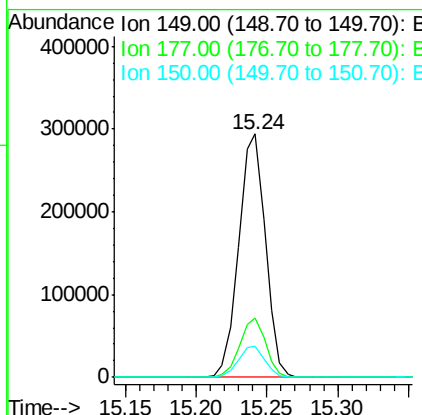
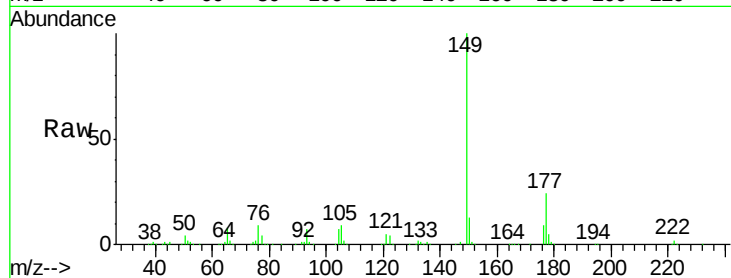
#59  
Diethylphthalate  
Concen: 36.14 ng  
RT: 15.24 min Scan# 2137  
Delta R.T. 0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB82316BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 24.1  | 19.5       | 29.3       |
| 150     | 12.6  | 10.1       | 15.1       |

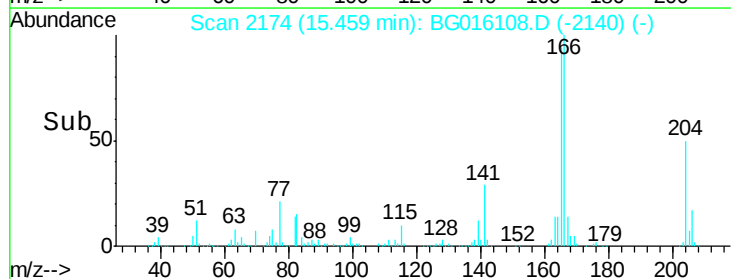
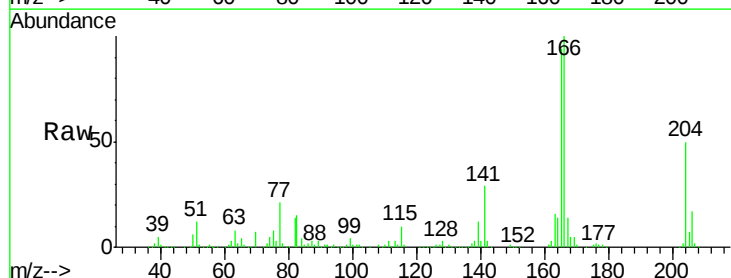
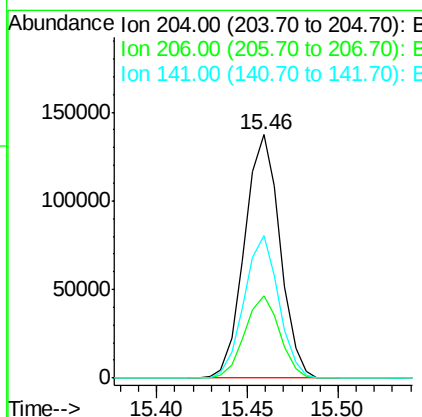
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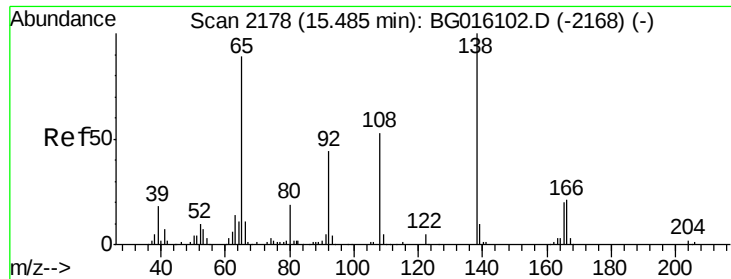
apatel  
3/27/2015 10:47:23 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 36.26 ng  
RT: 15.46 min Scan# 2174  
Delta R.T. -0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 33.6  | 26.5       | 39.7       |
| 141     | 58.3  | 45.0       | 67.6       |





#61

4-Nitroaniline

Concen: 33.92 ng

RT: 15.48 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG016108.D

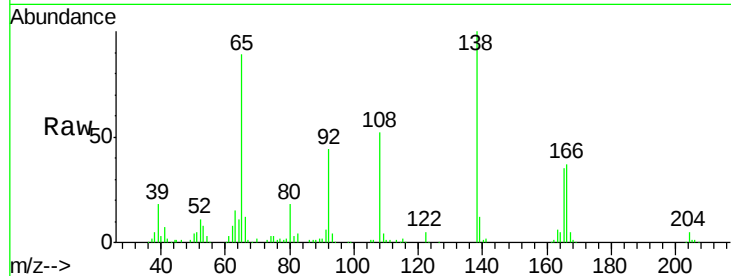
Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

ClientSampleId :

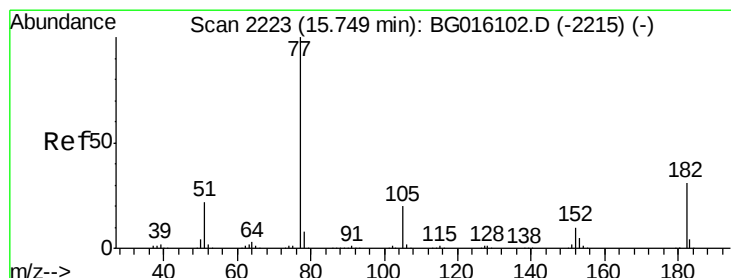
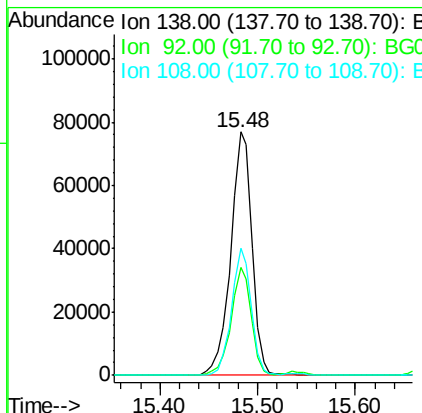
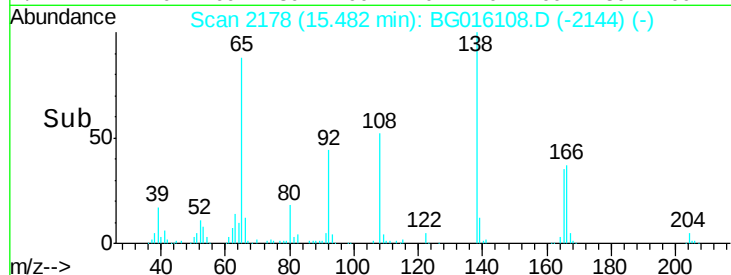
PB82316BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 116200 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 44.3  | 24.2  | 64.2   |
| 108       | 52.1  | 32.7  | 72.7   |

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#62

Azobenzene

Concen: 35.61 ng

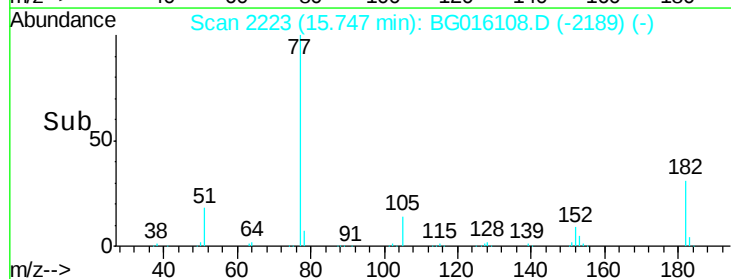
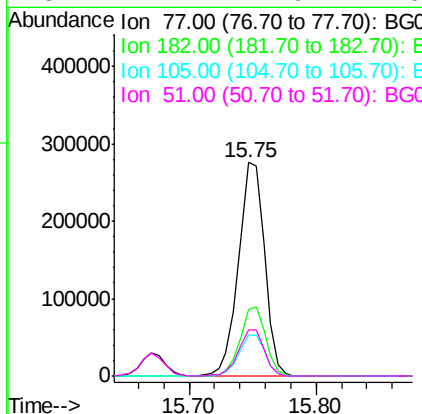
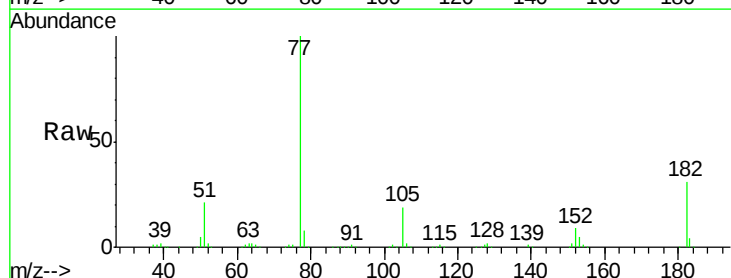
RT: 15.75 min Scan# 2223

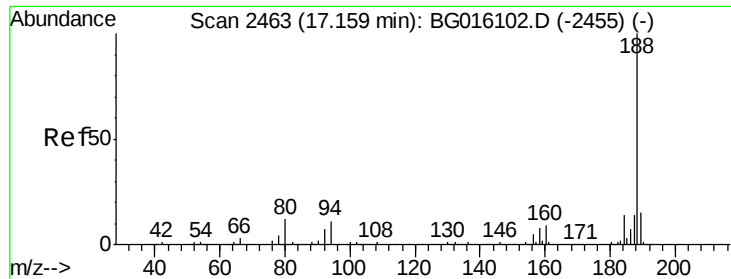
Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 393151 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 30.9  | 10.9  | 50.9   |
| 105       | 19.5  | 0.0   | 40.0   |
| 51        | 21.4  | 1.9   | 41.9   |





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.16 min Scan# 2463

Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

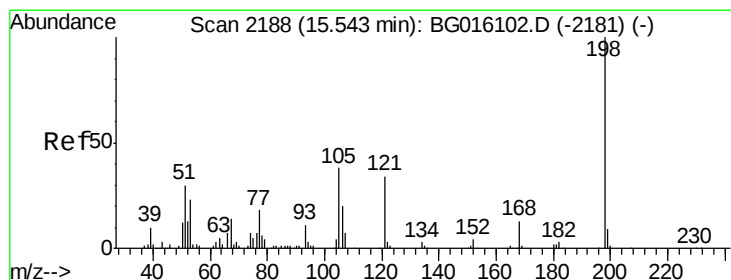
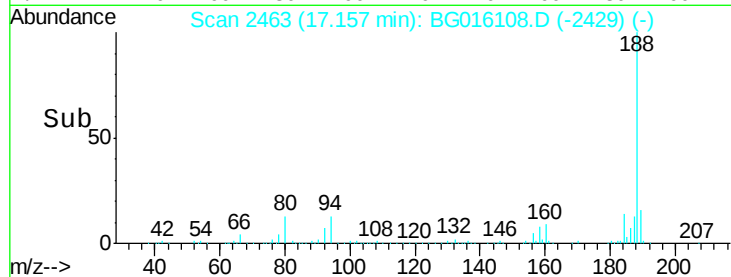
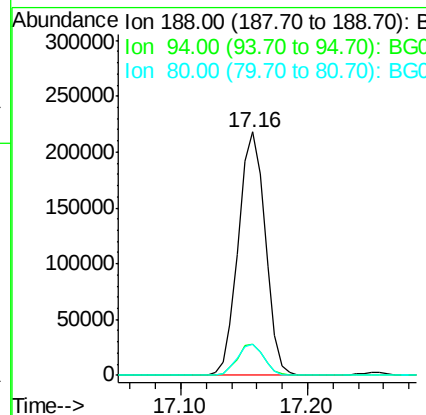
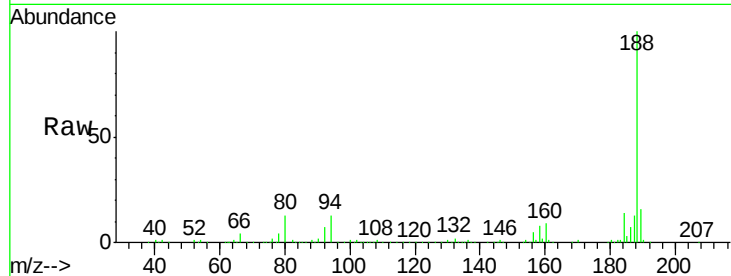
ClientSampleId :

PB82316BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 319210 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 12.8  | 9.1   | 13.7   |
| 80        | 12.7  | 9.8   | 14.8   |

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#64

4,6-Dinitro-2-methylphenol

Concen: 36.29 ng

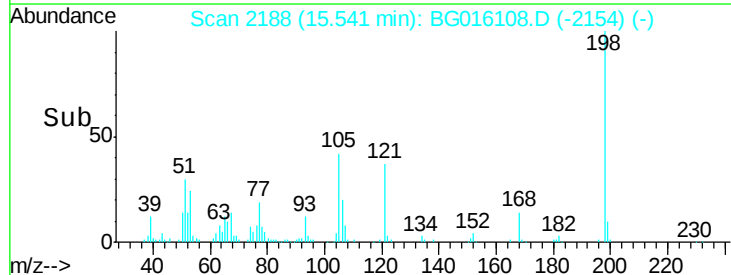
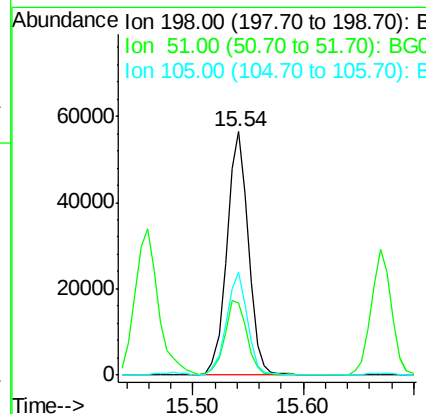
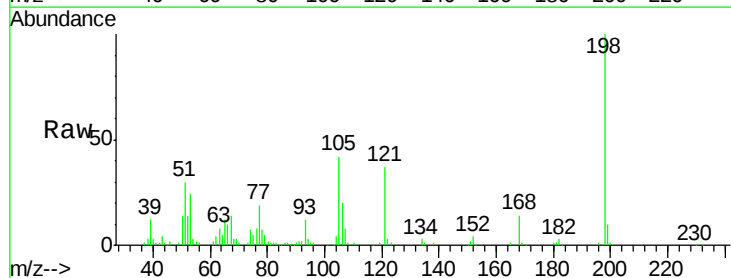
RT: 15.54 min Scan# 2188

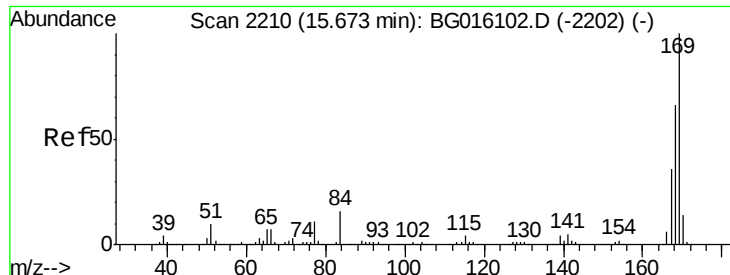
Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 76986 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 29.9  | 10.7  | 50.7  |
| 105       | 42.0  | 18.3  | 58.3  |





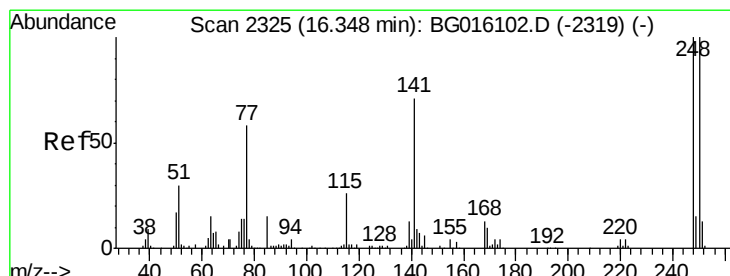
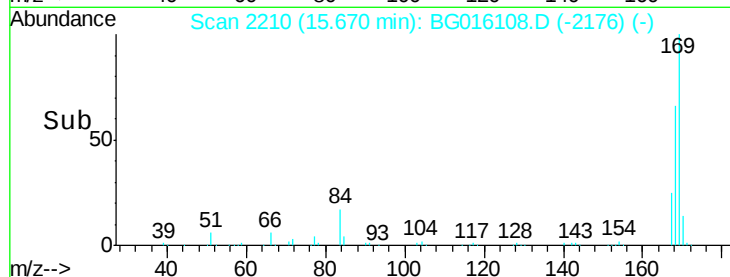
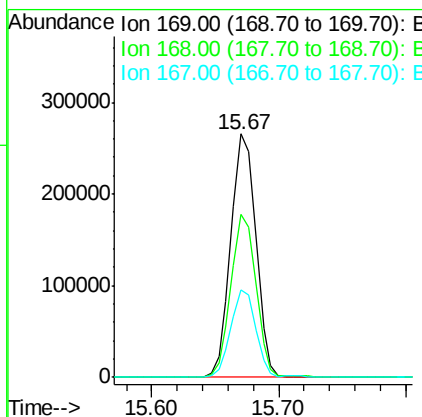
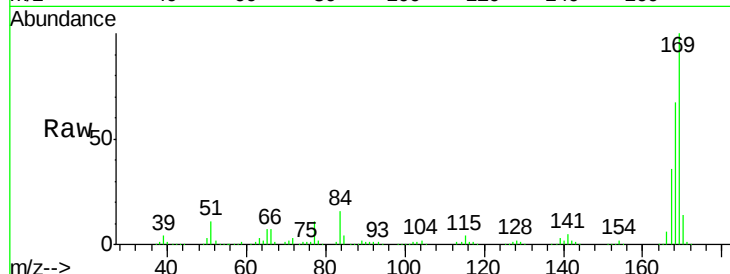
#65  
 n-Nitrosodiphenylamine  
 Concen: 35.70 ng  
 RT: 15.67 min Scan# 2210  
 Delta R.T. -0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82316BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 363323 |       |       |
| 168     | 67.1  | 53.0   | 79.4  |       |
| 167     | 35.7  | 29.0   | 43.4  |       |

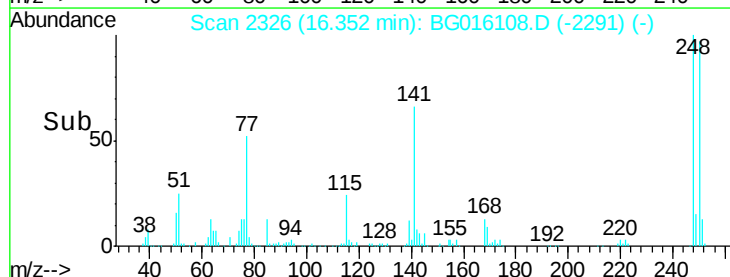
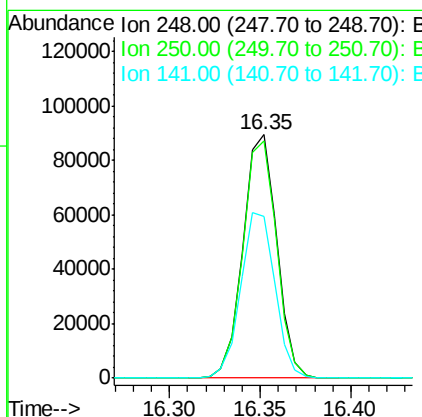
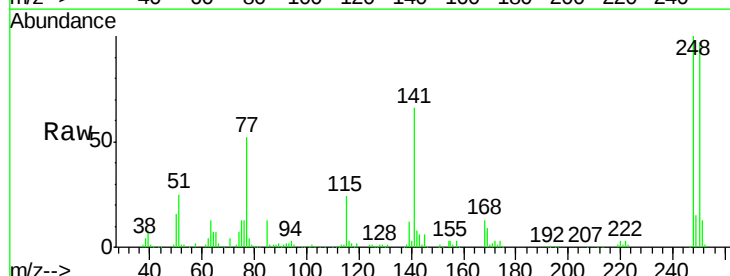
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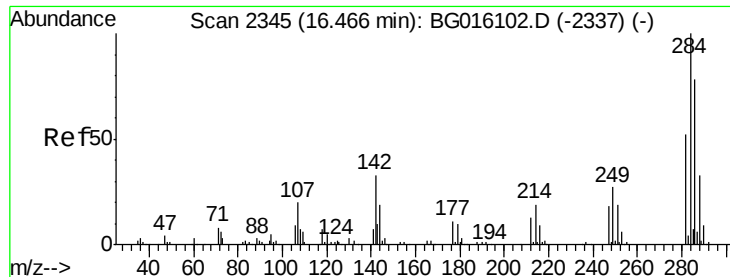
apatel  
 3/27/2015 10:47:23 AM



#66  
 4-Bromophenyl-phenylether  
 Concen: 35.55 ng  
 RT: 16.35 min Scan# 2326  
 Delta R.T. 0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 116458 |       |       |
| 250     | 97.5  | 80.2   | 120.2 |       |
| 141     | 66.2  | 57.0   | 85.4  |       |





#67

Hexachlorobenzene

Concen: 35.25 ng

RT: 16.46 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

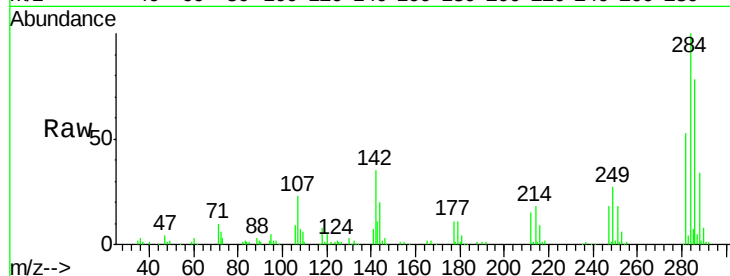
ClientSampleId :

PB82316BS

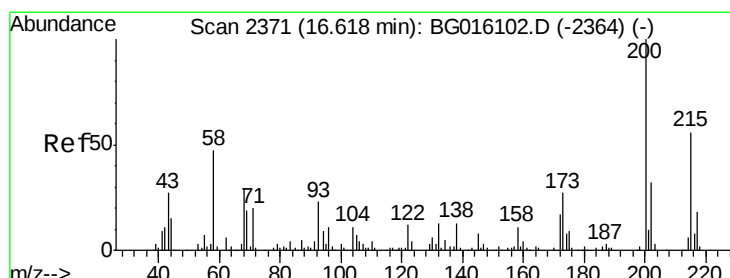
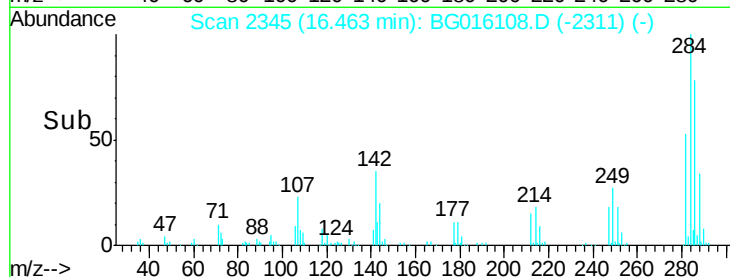
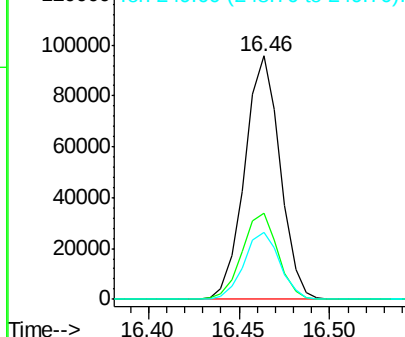
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 129766 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 35.2  | 26.7  | 40.1   |
| 249       | 27.3  | 21.8  | 32.8   |

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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: 40.62 ng

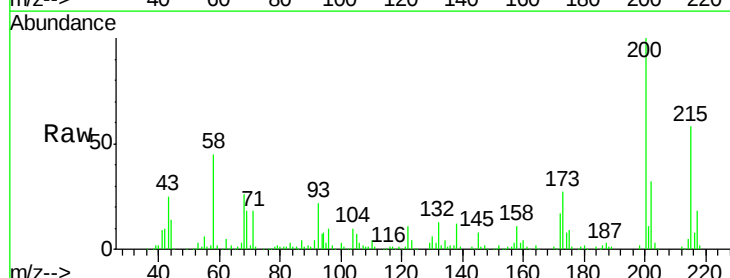
RT: 16.62 min Scan# 2372

Delta R.T. 0.00 min

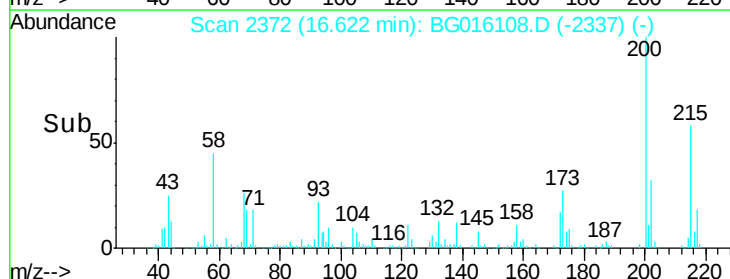
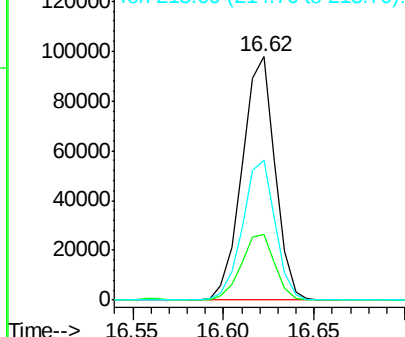
Lab File: BG016108.D

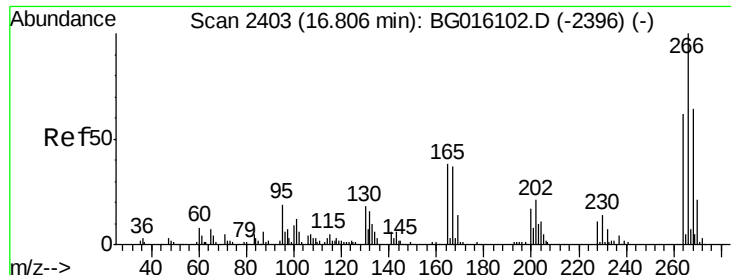
Acq: 25 Mar 2015 18:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 123006 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 27.1  | 7.5   | 47.5   |
| 215       | 57.7  | 36.4  | 76.4   |



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





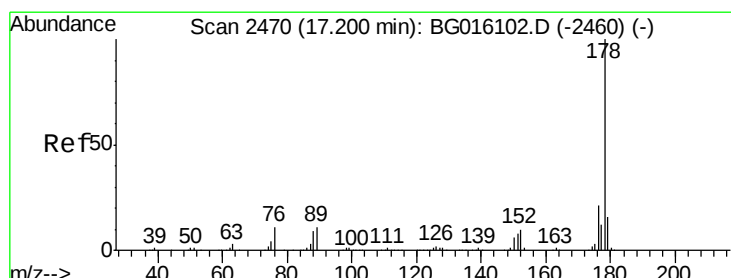
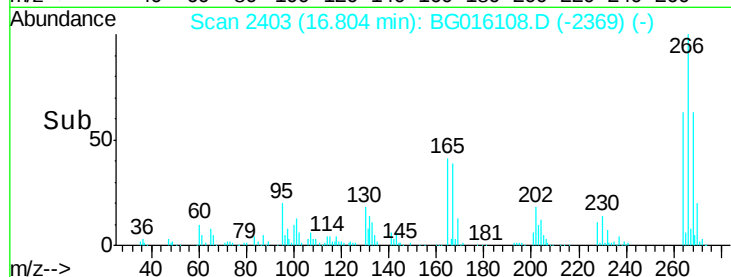
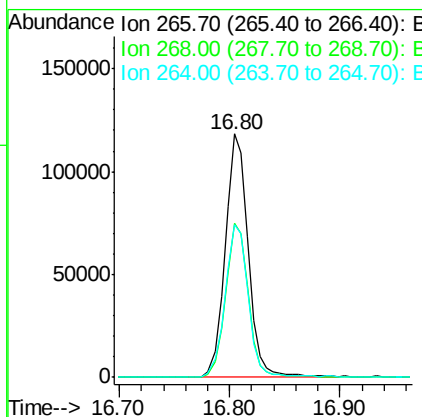
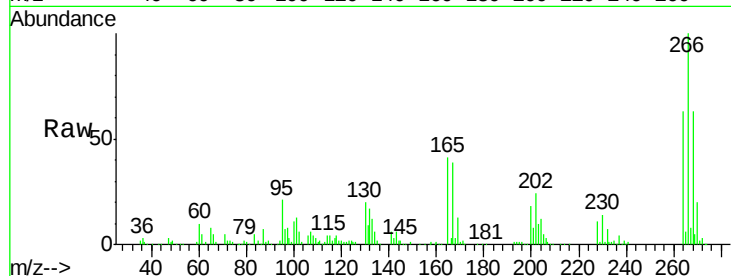
#69  
 Pentachlorophenol  
 Concen: 82.03 ng  
 RT: 16.80 min Scan# 2403  
 Delta R.T. -0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82316BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 172203 |       |       |
| 268     | 63.1  | 51.5   | 77.3  |       |
| 264     | 62.7  | 49.8   | 74.6  |       |

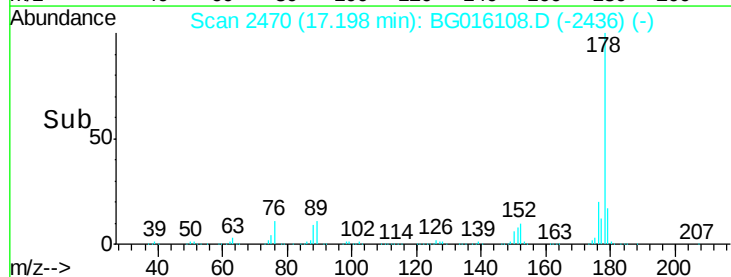
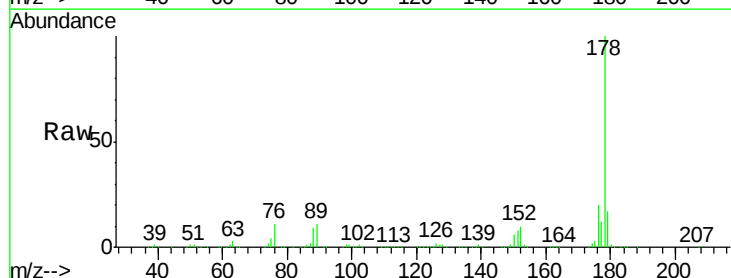
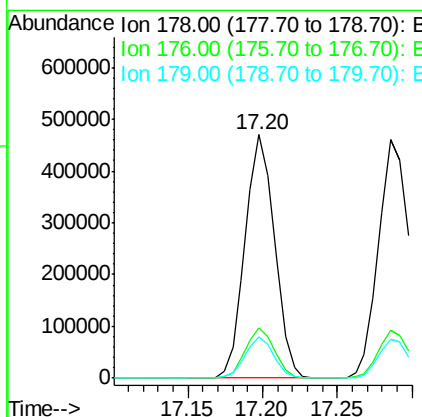
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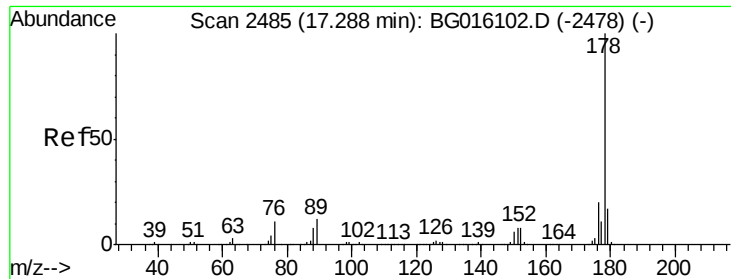
apatel  
 3/27/2015 10:47:23 AM



#70  
 Phenanthrene  
 Concen: 35.95 ng  
 RT: 17.20 min Scan# 2470  
 Delta R.T. -0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 644006 |       |       |
| 176     | 20.4  | 16.5   | 24.7  |       |
| 179     | 16.9  | 13.0   | 19.6  |       |





#71

Anthracene

Concen: 36.63 ng

RT: 17.29 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

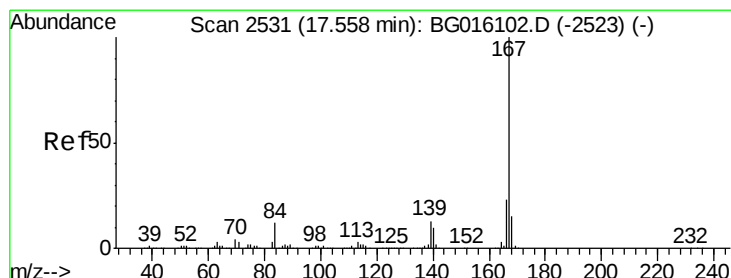
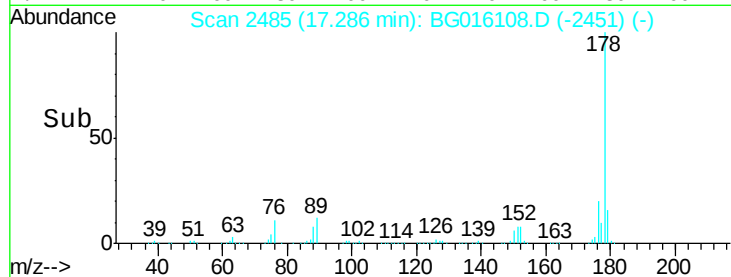
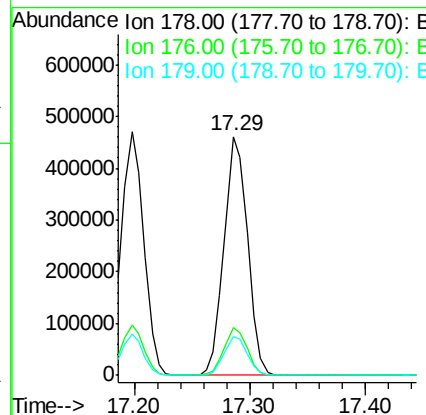
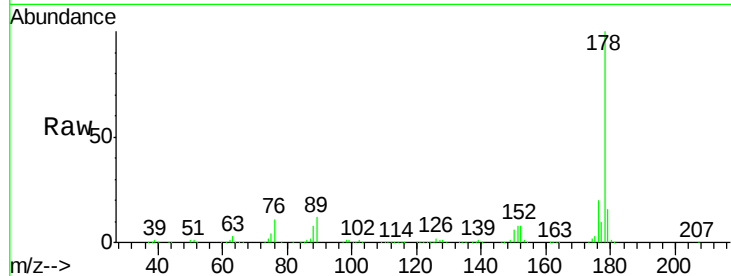
ClientSampleId :

PB82316BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 652564 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 20.2  | 15.6  | 23.4   |
| 179       | 16.5  | 13.3  | 19.9   |

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#72

Carbazole

Concen: 38.57 ng

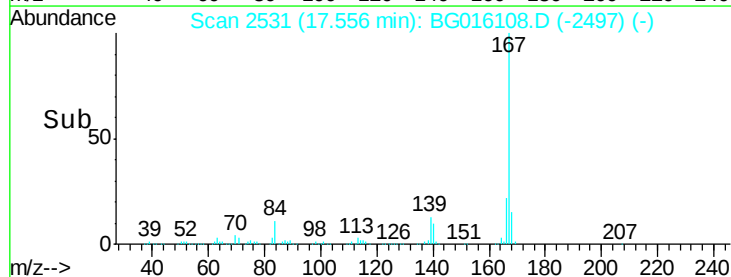
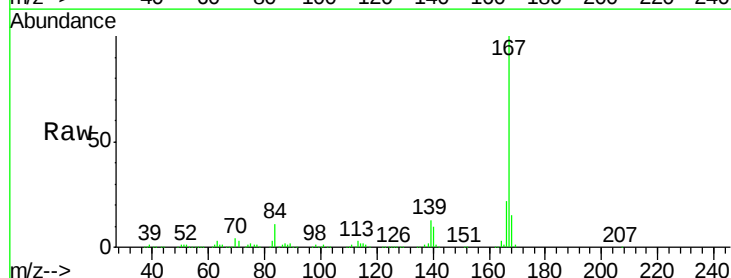
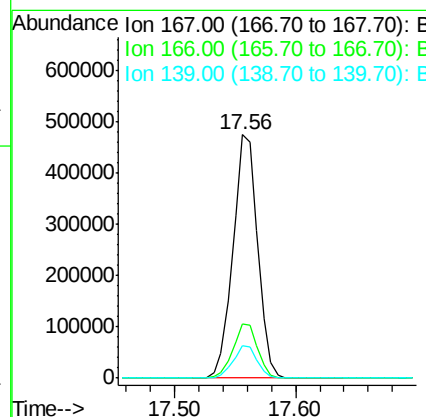
RT: 17.56 min Scan# 2531

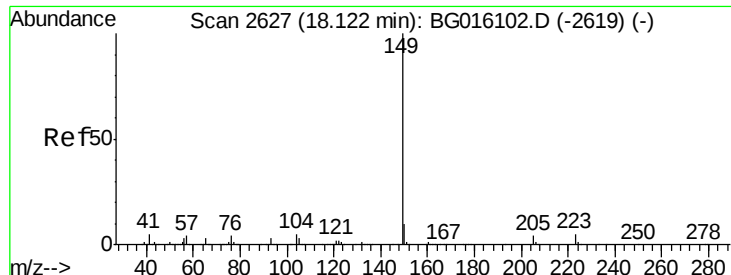
Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 674367 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 22.5  | 18.2  | 27.2   |
| 139       | 13.2  | 10.7  | 16.1   |





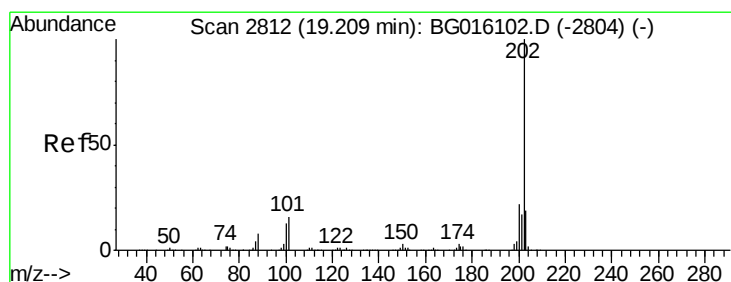
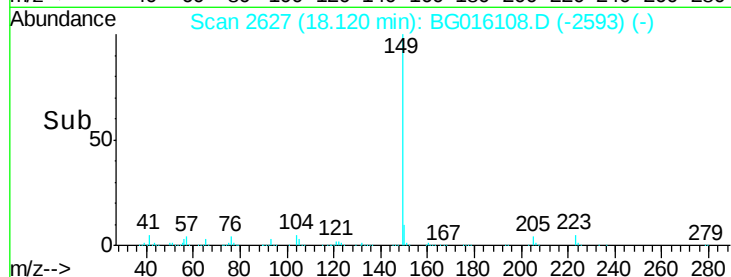
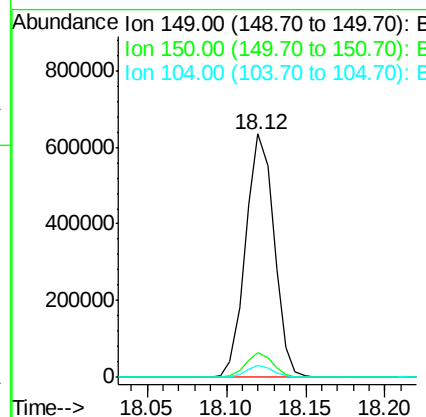
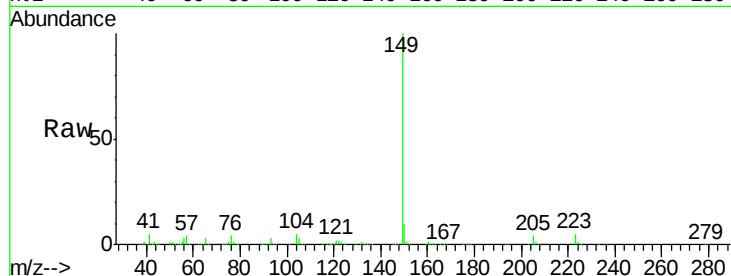
#73  
Di-n-butylphthalate  
Concen: 40.09 ng  
RT: 18.12 min Scan# 2627  
Delta R.T. -0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB82316BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 150     | 9.9   | 8.0        | 12.0       |
| 104     | 4.8   | 3.8        | 5.6        |

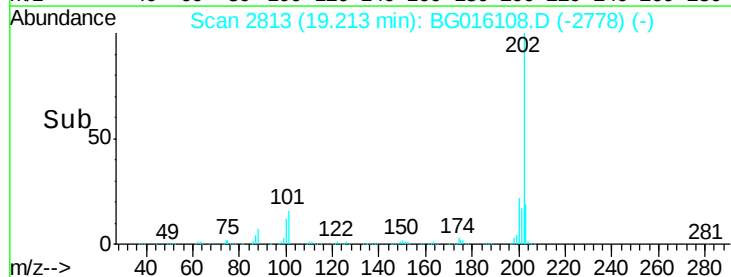
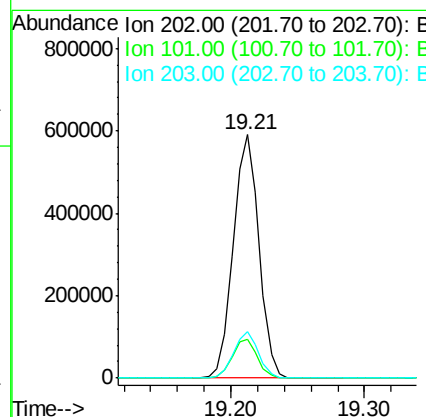
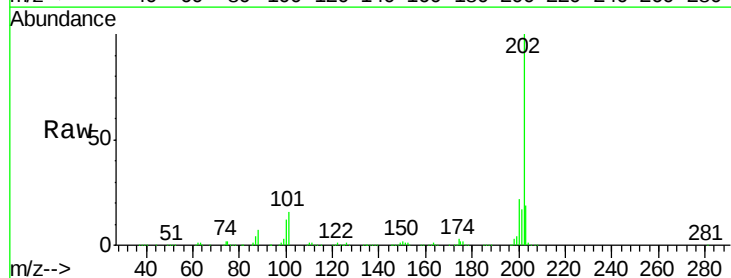
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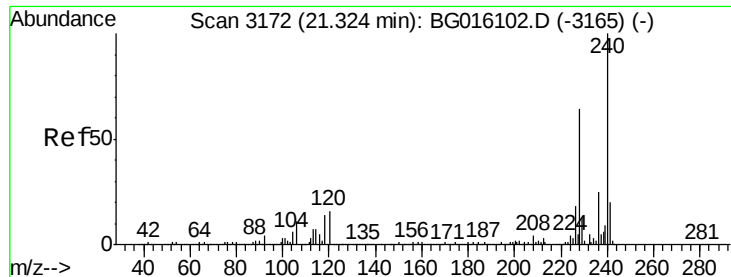
apatel  
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#74  
Fluoranthene  
Concen: 39.69 ng  
RT: 19.21 min Scan# 2813  
Delta R.T. 0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 101     | 15.8  | 0.0        | 35.9       |
| 203     | 19.1  | 0.0        | 38.7       |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.33 min Scan# 3174

Delta R.T. 0.01 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

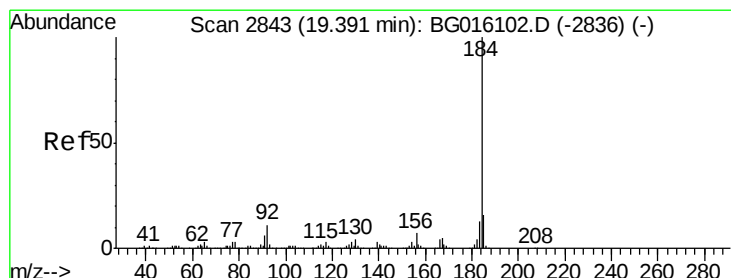
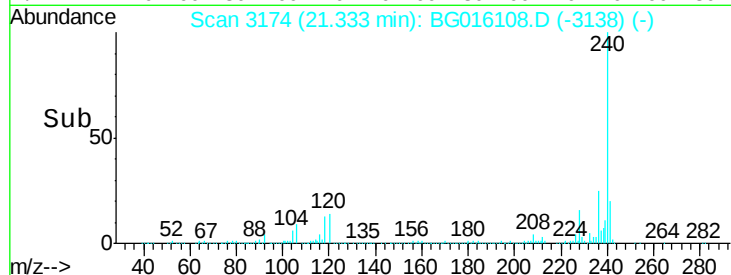
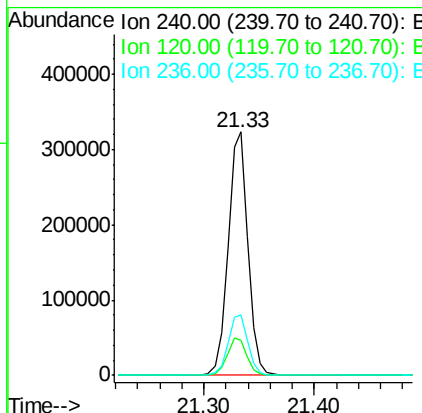
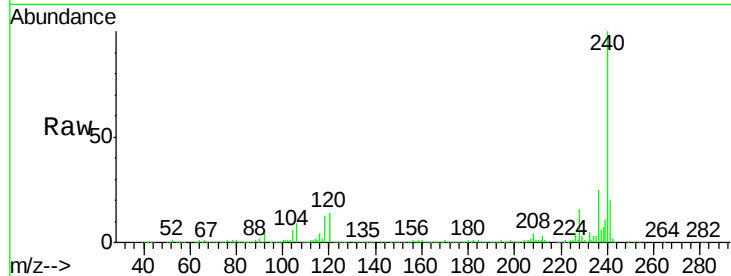
ClientSampleId :

PB82316BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 403309 |       |       |
| 120     | 14.4  | 13.0   | 19.4  |       |
| 236     | 25.1  | 20.2   | 30.2  |       |

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#76

Benzidine

Concen: 29.97 ng

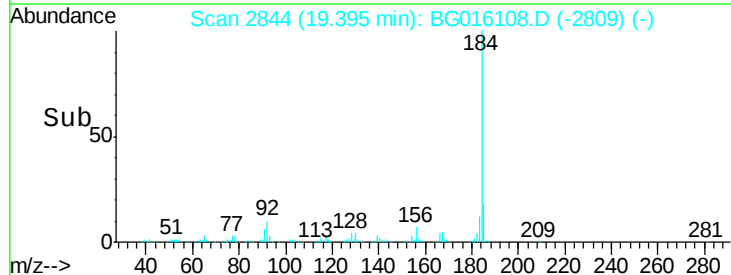
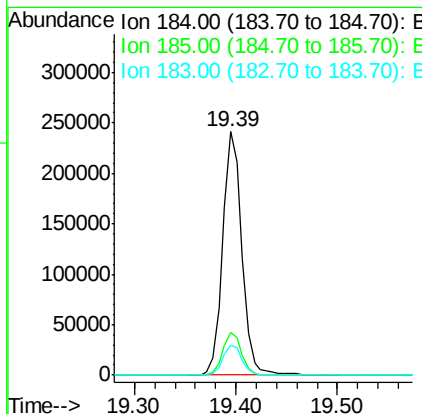
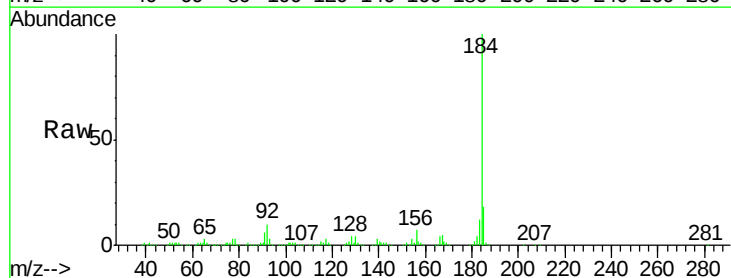
RT: 19.39 min Scan# 2844

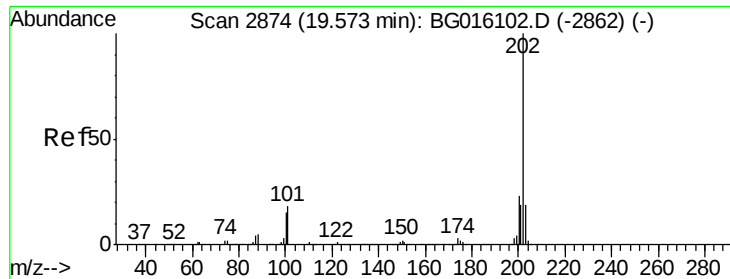
Delta R.T. 0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 316659 |       |       |
| 185     | 17.7  | 12.6   | 18.8  |       |
| 183     | 12.5  | 10.2   | 15.4  |       |





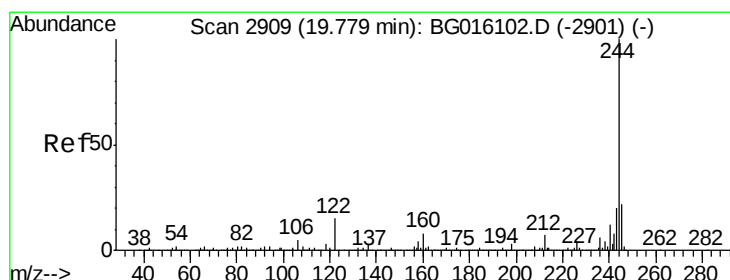
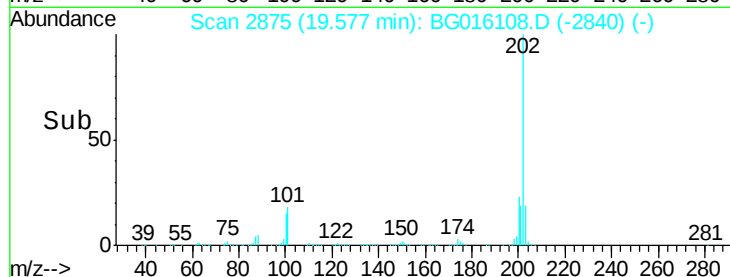
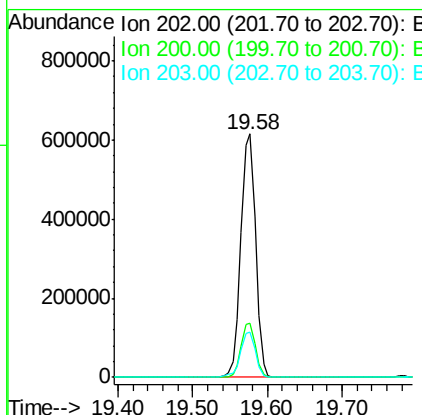
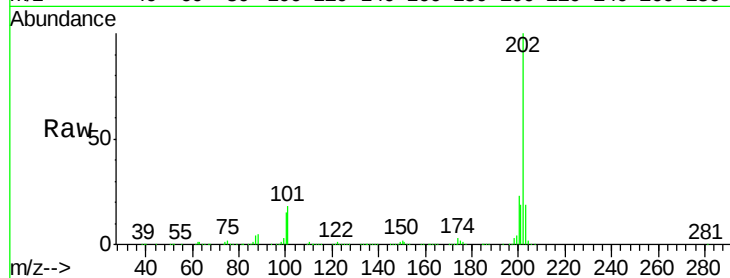
#77  
 Pyrene  
 Concen: 33.78 ng  
 RT: 19.58 min Scan# 2875  
 Delta R.T. 0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82316BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 202     | 100   |            |            |
| 200     | 22.5  | 18.4       | 27.6       |
| 203     | 18.8  | 15.4       | 23.0       |

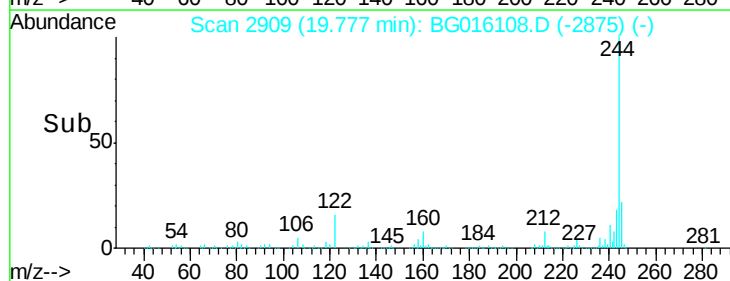
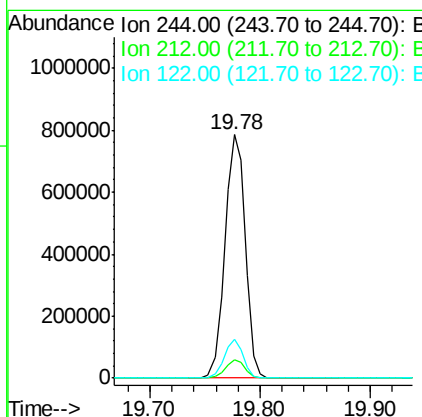
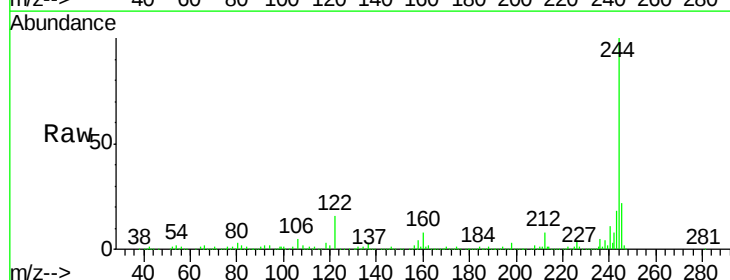
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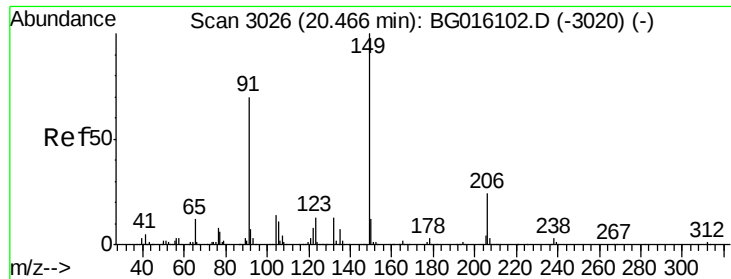
apatel  
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#78  
 Terphenyl-d14  
 Concen: 63.00 ng  
 RT: 19.78 min Scan# 2909  
 Delta R.T. -0.00 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 244     | 100   |            |            |
| 212     | 7.7   | 5.9        | 8.9        |
| 122     | 16.1  | 12.2       | 18.2       |





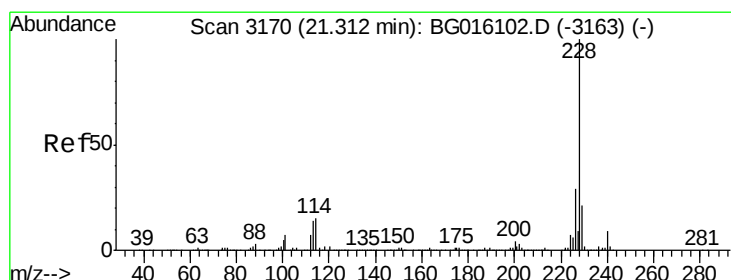
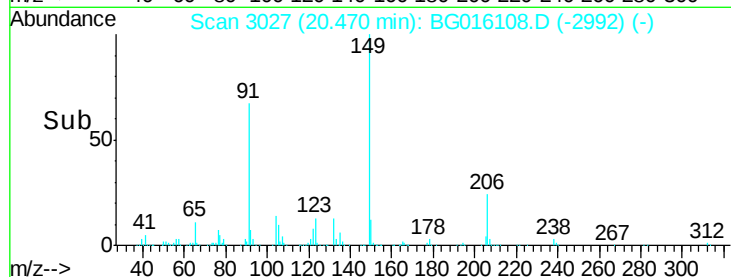
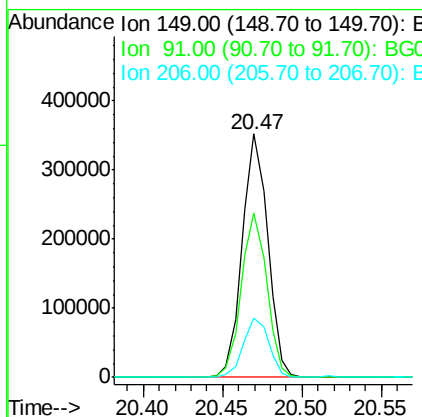
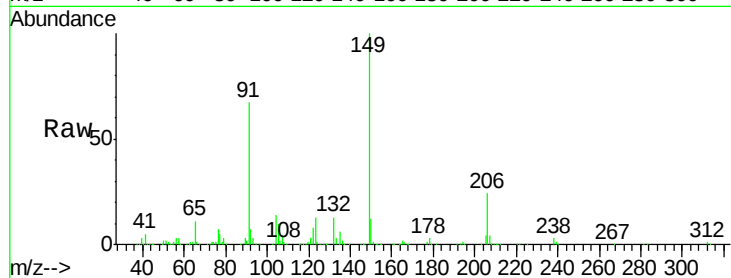
#79  
Butylbenzylphthalate  
Concen: 37.99 ng  
RT: 20.47 min Scan# 3027  
Delta R.T. 0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB82316BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 394044 |       |       |
| 91      | 67.4  | 55.8   | 83.6  |       |
| 206     | 24.4  | 19.1   | 28.7  |       |

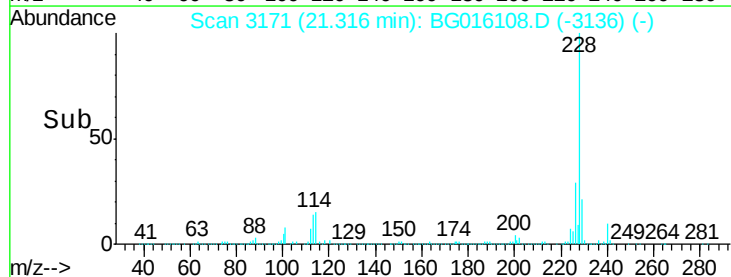
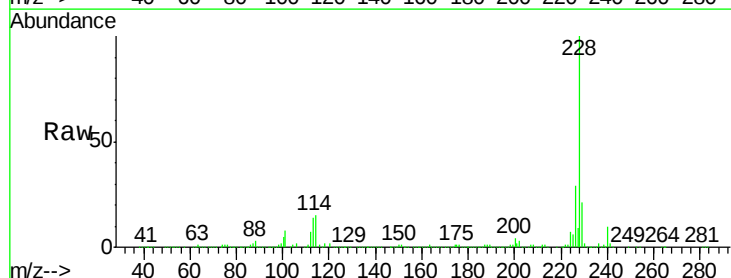
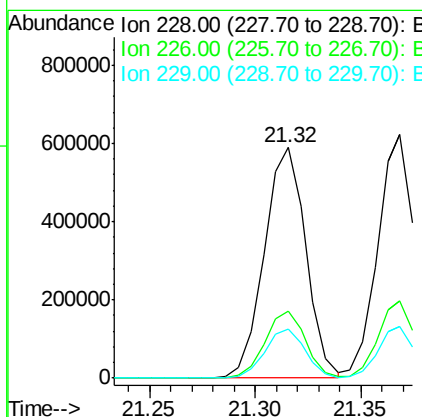
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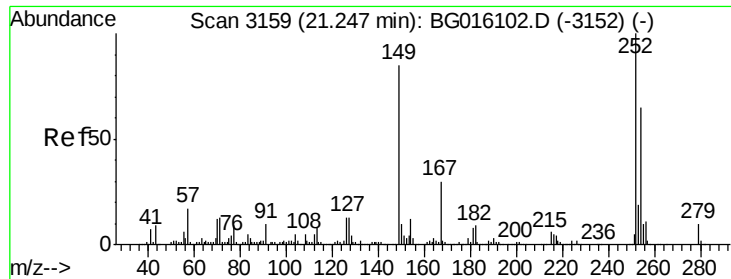
apatel  
3/27/2015 10:47:23 AM



#80  
Benzo(a)anthracene  
Concen: 35.11 ng  
RT: 21.32 min Scan# 3171  
Delta R.T. 0.00 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 803028 |       |       |
| 226     | 29.0  | 23.0   | 34.4  |       |
| 229     | 21.4  | 16.8   | 25.2  |       |





#81

3,3'-Dichlorobenzidine

Concen: 15.85 ng

RT: 21.25 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

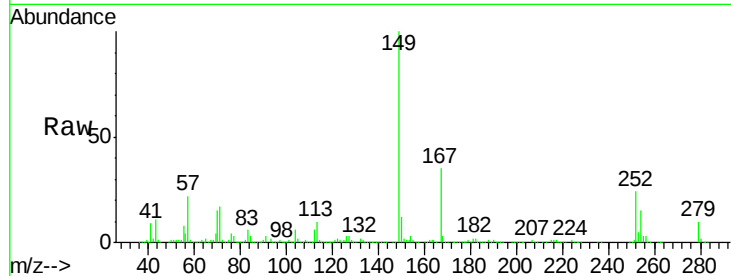
ClientSampleId :

PB82316BS

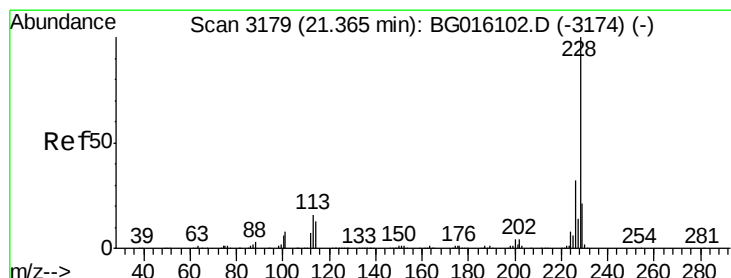
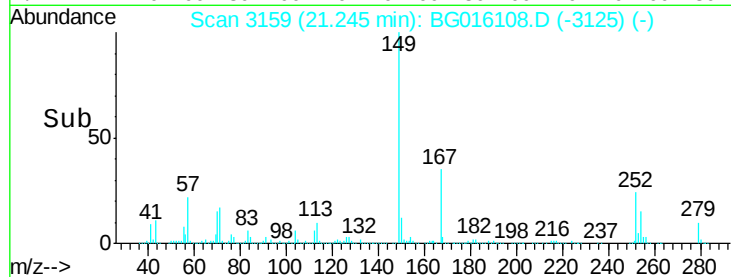
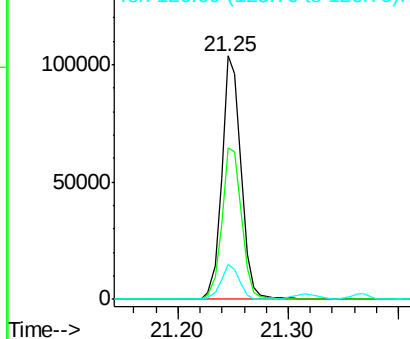
|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 126065 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 254       | 62.4 | 51.7  | 77.5   |
| 126       | 14.3 | 10.6  | 16.0   |

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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 36.16 ng

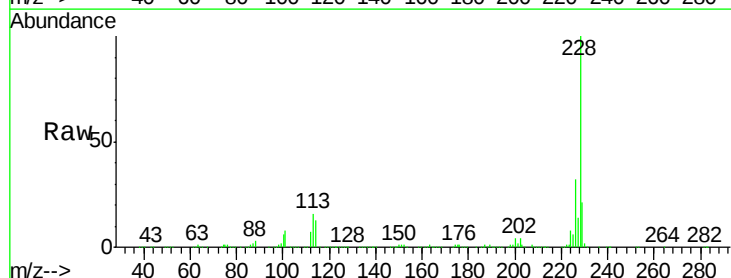
RT: 21.37 min Scan# 3180

Delta R.T. 0.00 min

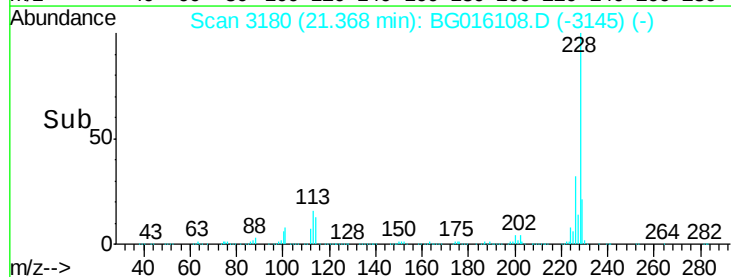
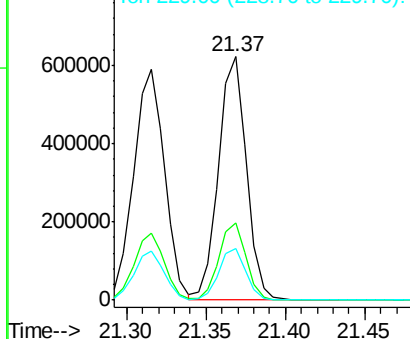
Lab File: BG016108.D

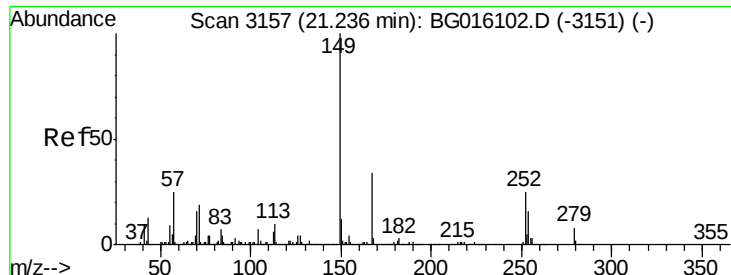
Acq: 25 Mar 2015 18:33

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 228  | Resp: | 757756 |
| Ion Ratio |      | Lower | Upper  |
| 228       | 100  |       |        |
| 226       | 31.6 | 25.7  | 38.5   |
| 229       | 20.9 | 17.0  | 25.6   |



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.93 ng

RT: 21.24 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

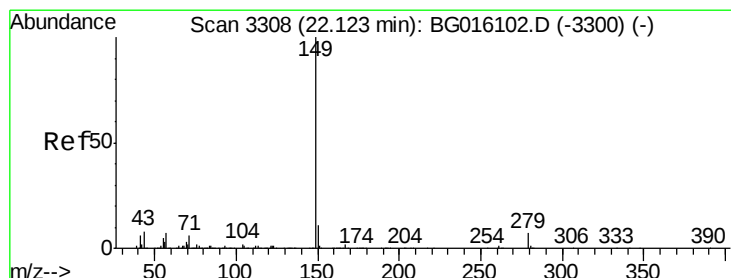
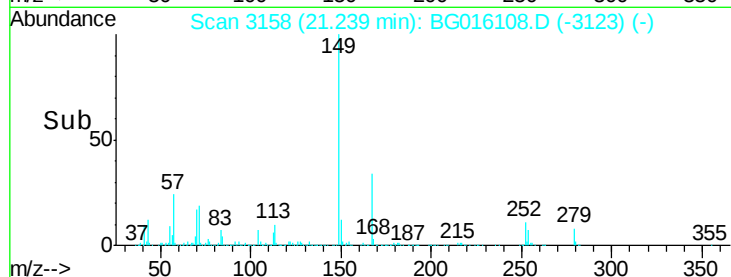
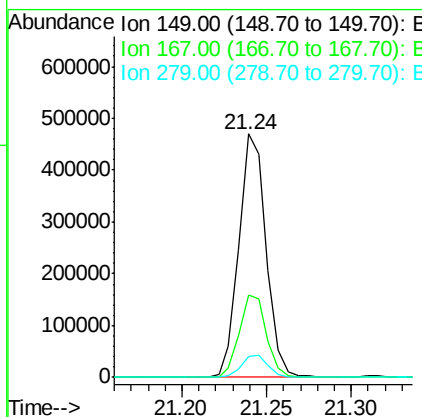
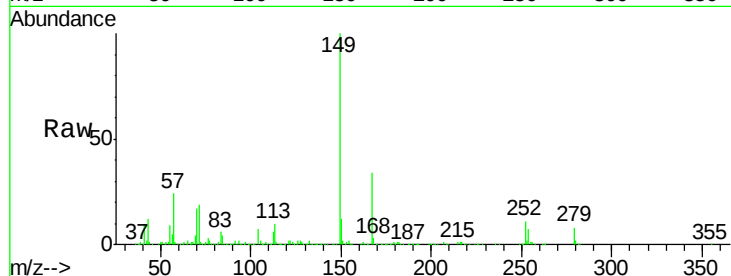
ClientSampleId :

PB82316BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 525963 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 33.8  | 27.1  | 40.7   |
| 279       | 8.3   | 6.4   | 9.6    |

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#84

Di-n-octyl phthalate

Concen: 36.94 ng

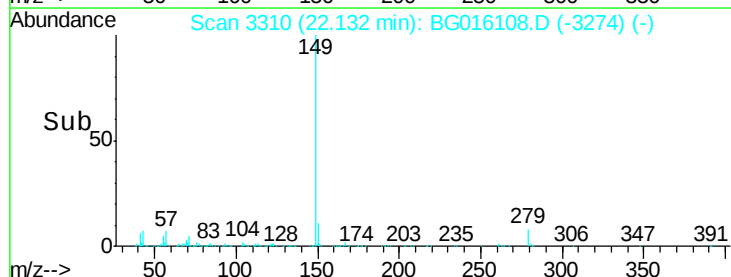
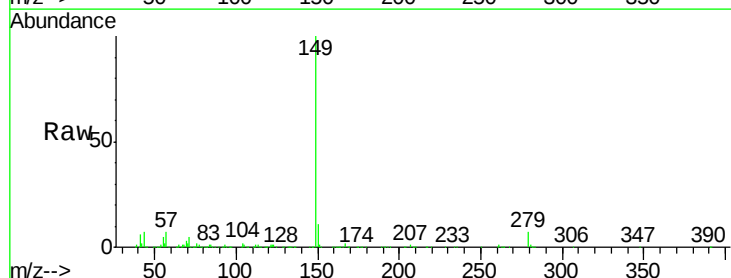
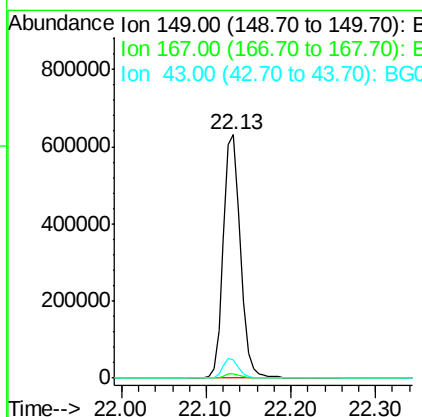
RT: 22.13 min Scan# 3310

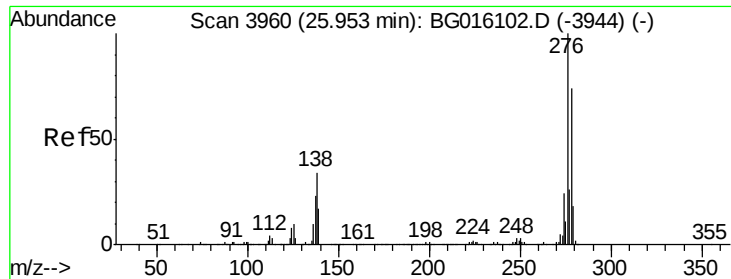
Delta R.T. 0.01 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 887118 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.4   | 2.0    |
| 43        | 7.6   | 6.1   | 9.1    |





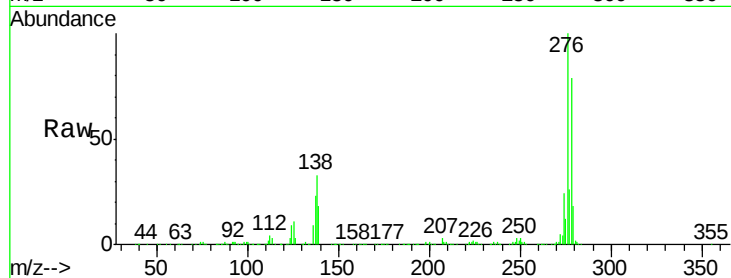
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 33.91 ng  
 RT: 25.97 min Scan# 3963  
 Delta R.T. 0.02 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB82316BS

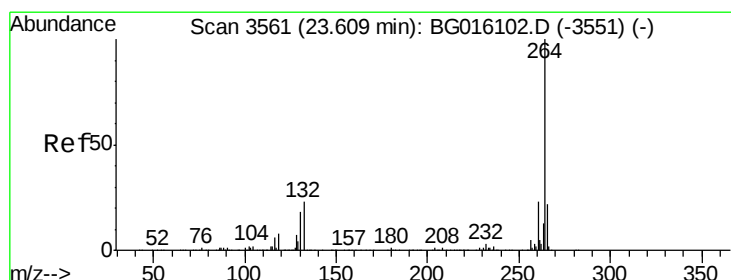
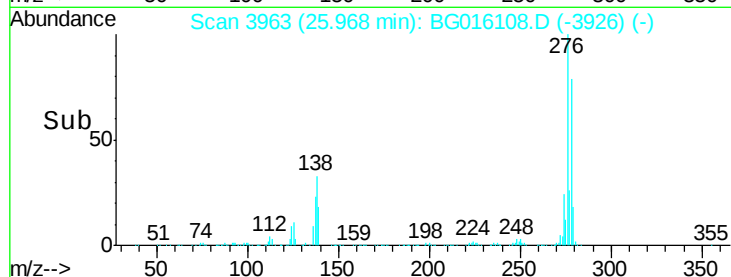
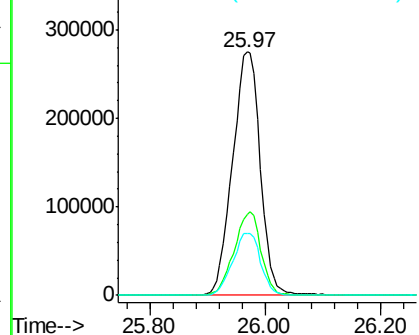
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 138     | 33.5  | 26.9       | 40.3       |
| 277     | 25.8  | 20.7       | 31.1       |

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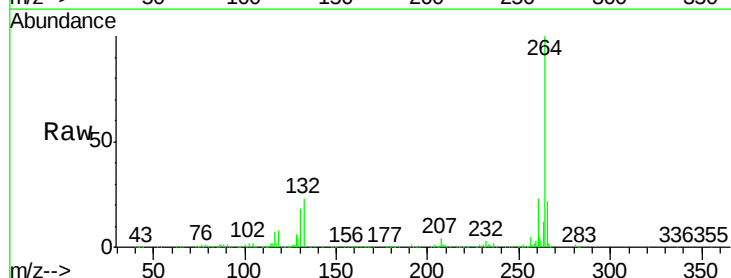


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

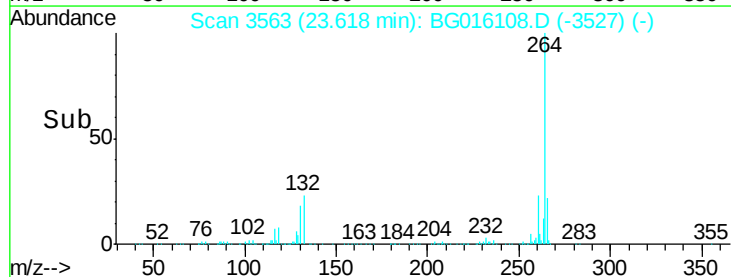
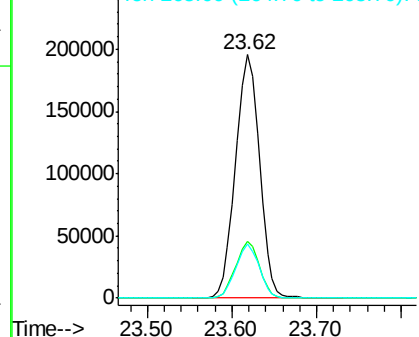


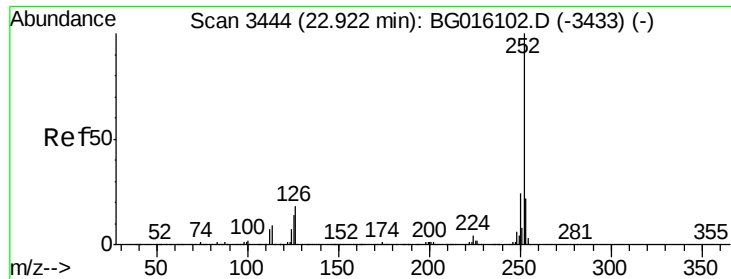
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.62 min Scan# 3563  
 Delta R.T. 0.01 min  
 Lab File: BG016108.D  
 Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 264     | 100   |            |            |
| 260     | 23.4  | 18.4       | 27.6       |
| 265     | 22.2  | 17.3       | 25.9       |



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.65 ng

RT: 22.93 min Scan# 3445

Delta R.T. 0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

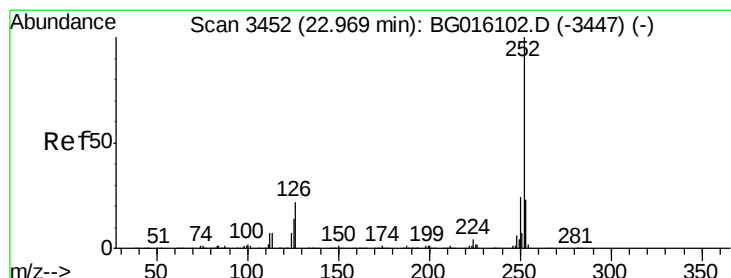
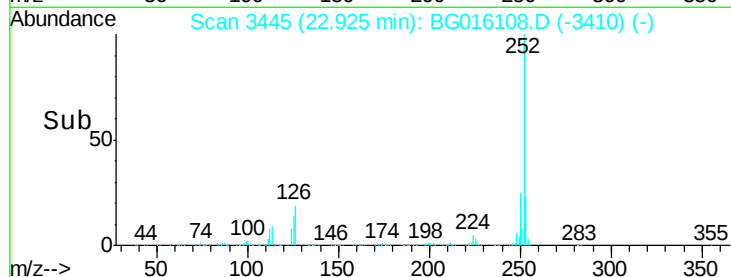
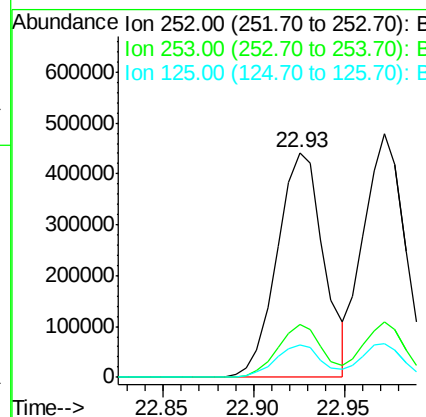
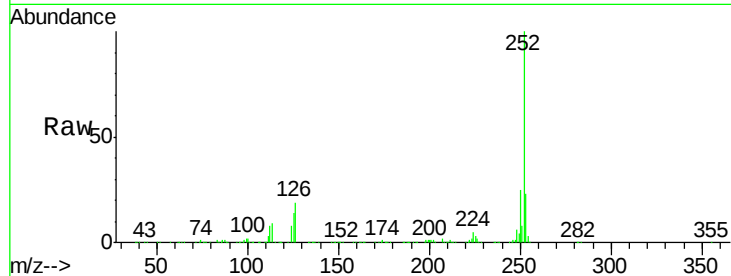
ClientSampleId :

PB82316BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 791301 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.3  | 17.9  | 26.9   |
| 125       | 14.3  | 11.1  | 16.7   |

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#88

Benzo(k)fluoranthene

Concen: 35.37 ng

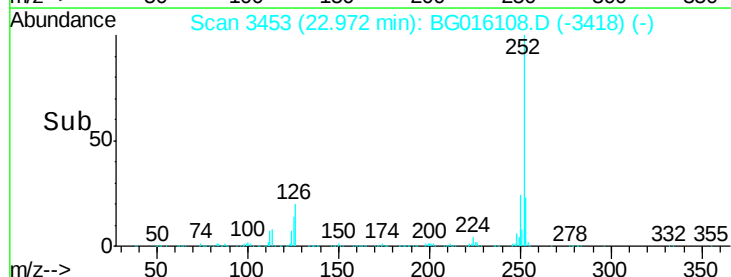
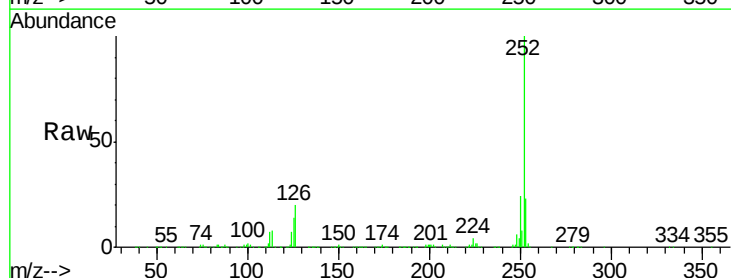
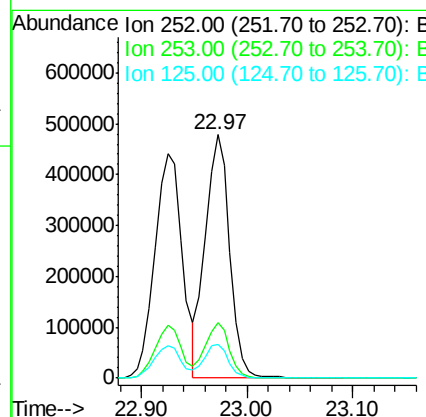
RT: 22.97 min Scan# 3453

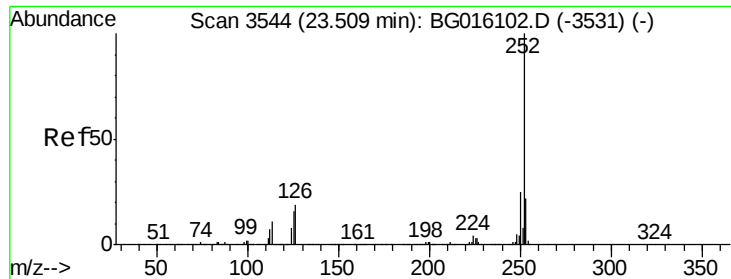
Delta R.T. 0.00 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 764589 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.7  | 18.2  | 27.4   |
| 125       | 14.0  | 11.0  | 16.4   |





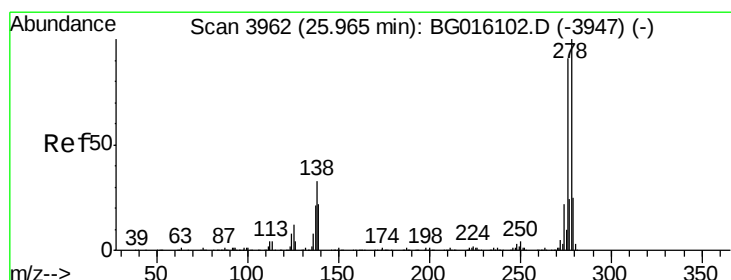
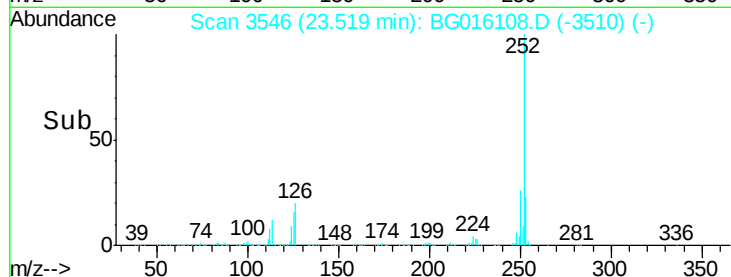
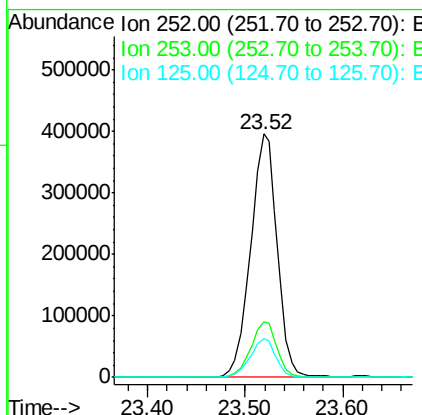
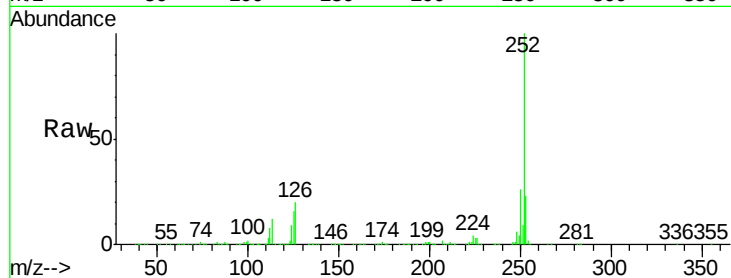
#89  
Benzo(a)pyrene  
Concen: 36.47 ng  
RT: 23.52 min Scan# 3546  
Delta R.T. 0.01 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB82316BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 23.0  | 17.9       | 26.9       |
| 125     | 15.9  | 12.5       | 18.7       |

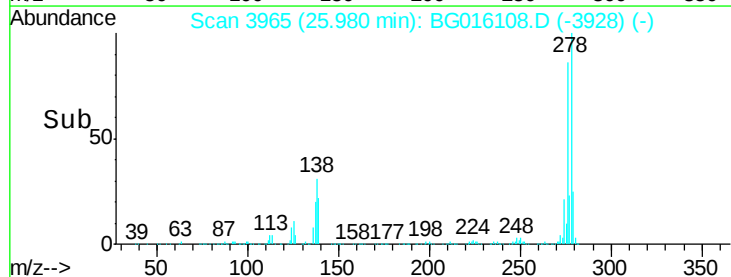
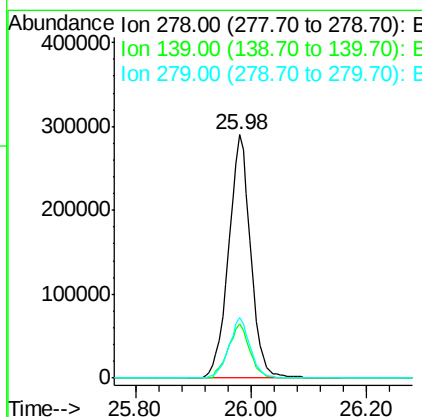
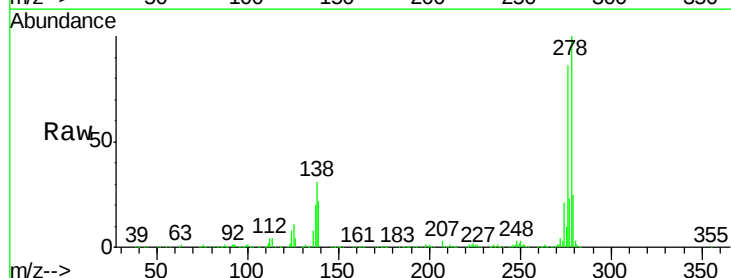
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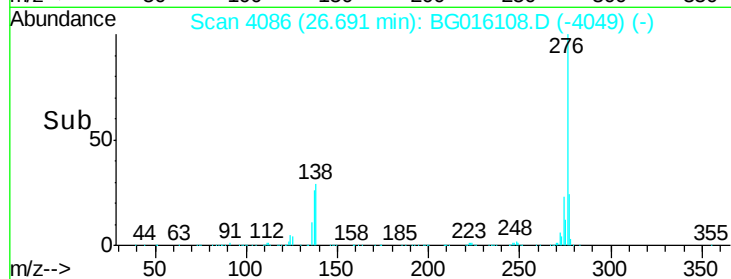
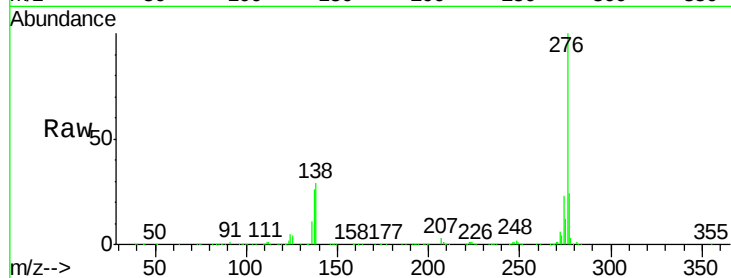
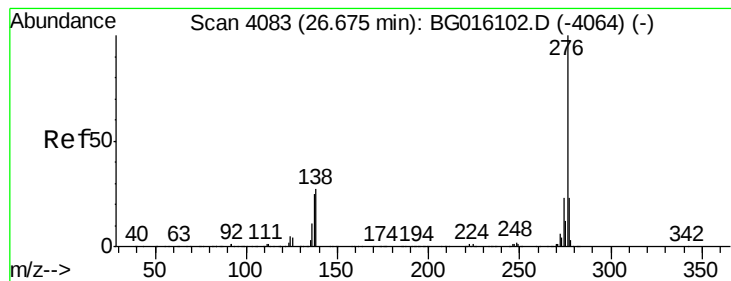
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#90  
Dibenzo(a,h)anthracene  
Concen: 35.45 ng  
RT: 25.98 min Scan# 3965  
Delta R.T. 0.02 min  
Lab File: BG016108.D  
Acq: 25 Mar 2015 18:33

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 278     | 100   |            |            |
| 139     | 22.3  | 17.8       | 26.8       |
| 279     | 25.0  | 19.9       | 29.9       |





#91

Benzo(g,h,i)perylene

Concen: 35.28 ng

RT: 26.69 min Scan# 4086

Delta R.T. 0.02 min

Lab File: BG016108.D

Acq: 25 Mar 2015 18:33

Instrument :

BNA\_G

ClientSampleId :

PB82316BS

Tgt Ion: 276 Resp: 753920

Ion Ratio Lower Upper

276 100

277 23.9 18.7 28.1

138 28.7 22.0 33.0

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