

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060915\  
 Data File : BG017576.D  
 Acq On : 9 Jun 2015 16:45  
 Operator : TP/IZ  
 Sample : PB83834BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83834BS

Manual Integrations  
 APPROVED

apatel  
 6/10/2015 5:42:27 PM

Quant Time: Jun 10 05:29:31 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 10 05:08:16 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 13276    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.36 | 136  | 53246    | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.25 | 164  | 36764    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.00 | 188  | 88900    | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.20 | 240  | 120931   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.41 | 264  | 112539   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.17  | 112 | 89433  | 118.68 | ng | 0.00 |
| 7) Phenol-d6             | 6.79  | 99  | 110349 | 107.49 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.74  | 82  | 82353  | 77.21  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.75 | 330 | 60015  | 117.53 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 12.86 | 172 | 183276 | 75.20  | ng | 0.00 |
| 78) Terphenyl-d14        | 19.64 | 244 | 393474 | 67.25  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.01  | 88  | 9895   | 29.17 | ng | 90     |
| 3) Pyridine                    | 3.41  | 79  | 29876  | 32.98 | ng | 92     |
| 4) n-Nitrosodimethylamine      | 3.33  | 42  | 25224  | 42.48 | ng | # 74   |
| 6) Aniline                     | 6.90  | 93  | 33739  | 24.48 | ng | # 94   |
| 8) 2-Chlorophenol              | 7.15  | 128 | 32335  | 36.29 | ng | 97     |
| 9) Benzaldehyde                | 6.71  | 77  | 24550  | 35.23 | ng | 91     |
| 10) Phenol                     | 6.81  | 94  | 39426  | 37.39 | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.01  | 93  | 28339  | 35.27 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 7.46  | 146 | 33301  | 33.43 | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 7.61  | 146 | 35292  | 33.81 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.93  | 146 | 33370  | 34.15 | ng | 96     |
| 15) Benzyl Alcohol             | 7.83  | 79  | 33330  | 34.87 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.11  | 45  | 44238  | 32.67 | ng | 96     |
| 17) 2-Methylphenol             | 8.05  | 107 | 27893  | 34.86 | ng | 94     |
| 18) Hexachloroethane           | 8.64  | 117 | 15725  | 37.76 | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.38  | 70  | 26675  | 30.71 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.38  | 107 | 38248  | 34.55 | ng | # 78   |
| 22) Acetophenone               | 8.40  | 105 | 47107  | 36.09 | ng | # 86   |
| 24) Nitrobenzene               | 8.78  | 77  | 42208  | 38.12 | ng | 99     |
| 25) Isophorone                 | 9.30  | 82  | 70154  | 31.45 | ng | # 94   |
| 26) 2-Nitrophenol              | 9.49  | 139 | 19039  | 37.07 | ng | # 91   |
| 27) 2,4-Dimethylphenol         | 9.57  | 122 | 31643  | 37.89 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 9.79  | 93  | 34649  | 34.00 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.05 | 162 | 33006  | 40.56 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.23 | 180 | 34208  | 35.75 | ng | 98     |
| 31) Naphthalene                | 10.42 | 128 | 94430  | 33.94 | ng | 98     |
| 32) Benzoic acid               | 9.73  | 122 | 16904  | 32.02 | ng | 98     |
| 33) 4-Chloroaniline            | 10.55 | 127 | 21937  | 17.77 | ng | # 94   |
| 34) Hexachlorobutadiene        | 10.70 | 225 | 23686  | 38.03 | ng | 91     |
| 35) Caprolactam                | 11.31 | 113 | 14654m | 32.72 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 11.71 | 107 | 38693  | 36.54 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.04 | 142 | 77142  | 36.07 | ng | # 95   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.42 | 216 | 39207  | 35.05 | ng | 95     |
| 40) Hexachlorocyclopentadiene  | 12.40 | 237 | 38002  | 59.47 | ng | 100    |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG060915\  
 Data File : BG017576.D  
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 Sample : PB83834BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB83834BS

Manual Integrations  
 APPROVED

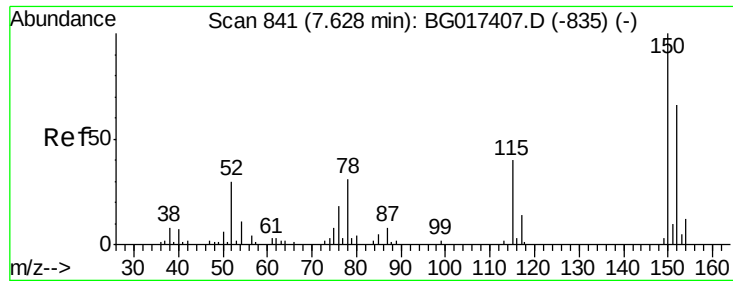
apatel  
 6/10/2015 5:42:27 PM

Quant Time: Jun 10 05:29:31 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 10 05:08:16 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.68 | 196  | 28636    | 35.75 | ng    | 93       |
| 43) 2,4,5-Trichlorophenol      | 12.77 | 196  | 30836    | 35.14 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 13.07 | 154  | 96076    | 35.76 | ng    | 94       |
| 46) 2-Chloronaphthalene        | 13.11 | 162  | 78702    | 35.03 | ng    | 95       |
| 47) 2-Nitroaniline             | 13.34 | 65   | 29935    | 36.08 | ng    | 96       |
| 48) Acenaphthylene             | 13.97 | 152  | 132286   | 33.42 | ng    | 99       |
| 49) Dimethylphthalate          | 13.71 | 163  | 111943   | 34.98 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 13.84 | 165  | 23965    | 33.33 | ng    | # 82     |
| 51) Acenaphthene               | 14.31 | 154  | 76164    | 32.64 | ng    | 96       |
| 52) 3-Nitroaniline             | 14.17 | 138  | 15312    | 19.67 | ng    | # 98     |
| 53) 2,4-Dinitrophenol          | 14.39 | 184  | 30020    | 67.71 | ng    | 87       |
| 54) Dibenzofuran               | 14.65 | 168  | 120842   | 35.11 | ng    | 95       |
| 55) 4-Nitrophenol              | 14.53 | 139  | 37644    | 60.78 | ng    | # 81     |
| 56) 2,4-Dinitrotoluene         | 14.63 | 165  | 37371    | 36.49 | ng    | # 89     |
| 57) Fluorene                   | 15.30 | 166  | 109546   | 35.10 | ng    | 95       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.89 | 232  | 30582    | 38.21 | ng    | 98       |
| 59) Diethylphthalate           | 15.09 | 149  | 119655   | 34.45 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.30 | 204  | 58424    | 36.94 | ng    | 96       |
| 61) 4-Nitroaniline             | 15.34 | 138  | 25663    | 29.93 | ng    | # 75     |
| 62) Azobenzene                 | 15.59 | 77   | 119061   | 36.06 | ng    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 15.40 | 198  | 24010    | 36.43 | ng    | 92       |
| 65) n-Nitrosodiphenylamine     | 15.52 | 169  | 97149    | 36.64 | ng    | 92       |
| 66) 4-Bromophenyl-phenylether  | 16.19 | 248  | 36684    | 37.28 | ng    | 98       |
| 67) Hexachlorobenzene          | 16.31 | 284  | 38460    | 36.35 | ng    | 95       |
| 68) Atrazine                   | 16.47 | 200  | 43654    | 37.41 | ng    | 99       |
| 69) Pentachlorophenol          | 16.66 | 266  | 41714    | 65.49 | ng    | 92       |
| 70) Phenanthrene               | 17.04 | 178  | 178130   | 35.94 | ng    | 99       |
| 71) Anthracene                 | 17.13 | 178  | 183904   | 37.14 | ng    | 98       |
| 72) Carbazole                  | 17.41 | 167  | 166713   | 34.10 | ng    | 97       |
| 73) Di-n-butylphthalate        | 17.98 | 149  | 228069   | 36.43 | ng    | 99       |
| 74) Fluoranthene               | 19.07 | 202  | 231668   | 35.74 | ng    | 98       |
| 76) Benzidine                  | 19.26 | 184  | 133947   | 32.23 | ng    | 100      |
| 77) Pyrene                     | 19.44 | 202  | 240915   | 32.34 | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.34 | 149  | 114440   | 35.50 | ng    | 95       |
| 80) Benzo(a)anthracene         | 21.19 | 228  | 253281   | 34.05 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.12 | 252  | 51584    | 18.56 | ng    | 99       |
| 82) Chrysene                   | 21.24 | 228  | 226531   | 33.64 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.12 | 149  | 163370   | 35.14 | ng    | 97       |
| 84) Di-n-octyl phthalate       | 21.99 | 149  | 266050   | 34.13 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 25.67 | 276  | 275665   | 32.60 | ng    | 97       |
| 87) Benzo(b)fluoranthene       | 22.75 | 252  | 251931   | 35.33 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 22.80 | 252  | 231732   | 33.96 | ng    | # 96     |
| 89) Benzo(a)pyrene             | 23.32 | 252  | 235796   | 36.05 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 25.68 | 278  | 235936   | 34.72 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 26.36 | 276  | 225518   | 34.87 | ng    | 96       |

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





#1

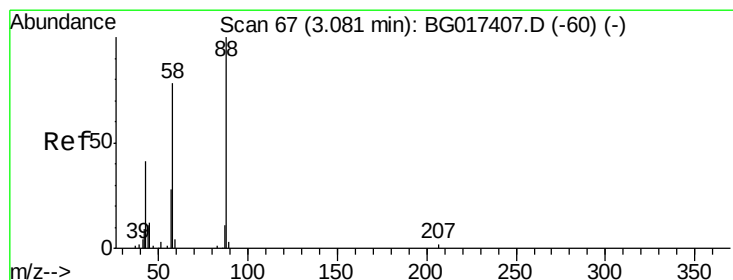
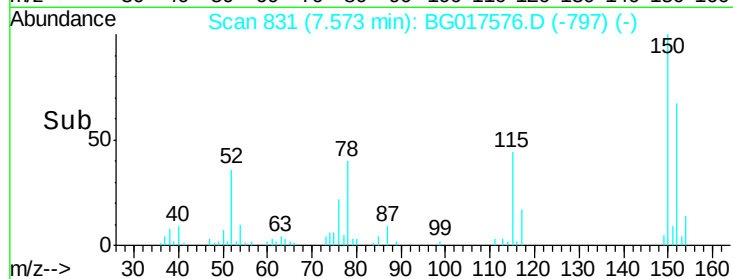
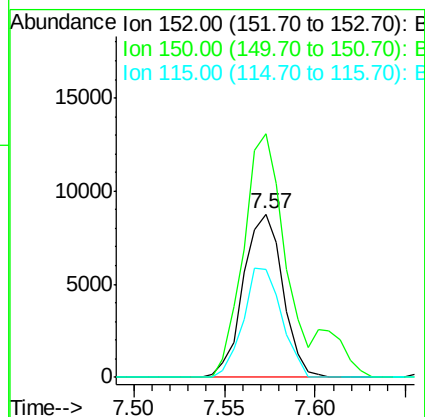
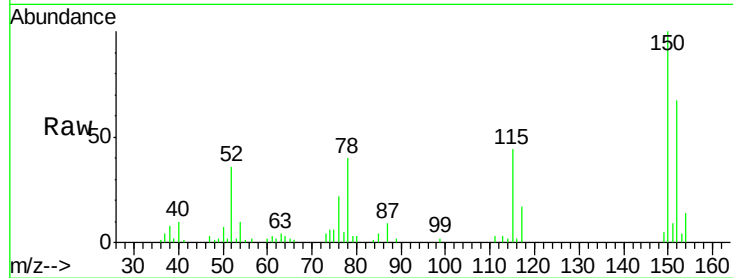
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.57 min Scan# 831  
Delta R.T. 0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

Instrument :  
BNA\_G  
ClientSampleId :  
PB83834BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 149.4 | 121.7 | 182.5 |
| 115     | 66.3  | 48.6  | 73.0  |

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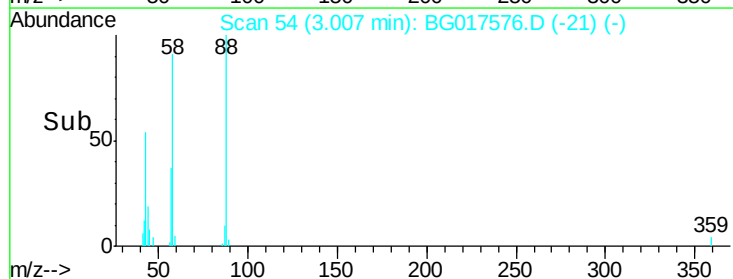
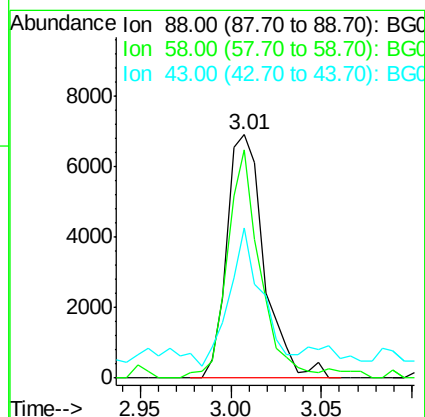
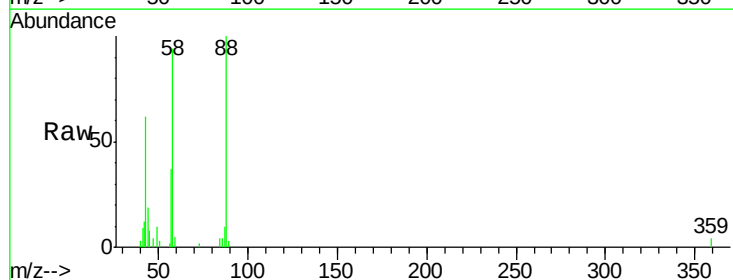
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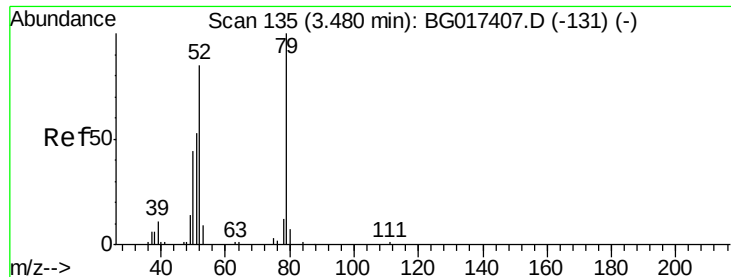


#2

1,4-Dioxane  
Concen: 29.17 ng  
RT: 3.01 min Scan# 54  
Delta R.T. -0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 82.0  | 59.0  | 88.6  |
| 43      | 49.8  | 34.5  | 51.7  |





#3

Pyridine

Concen: 32.98 ng

RT: 3.41 min Scan# 122

Delta R.T. -0.01 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

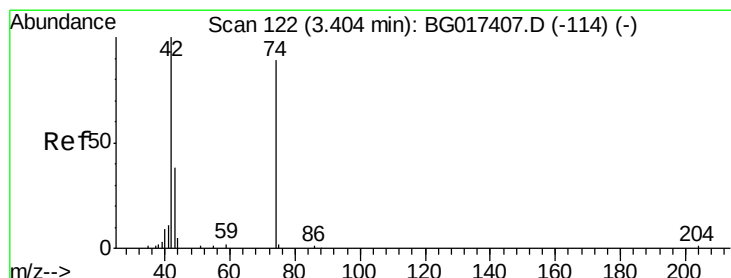
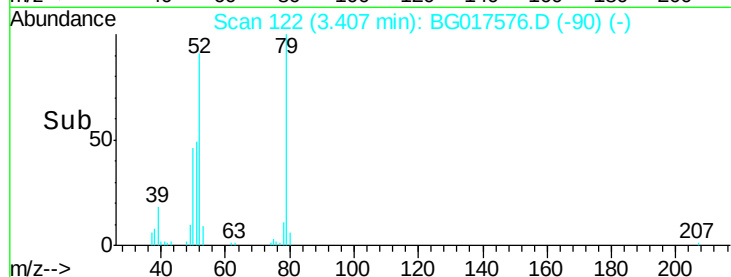
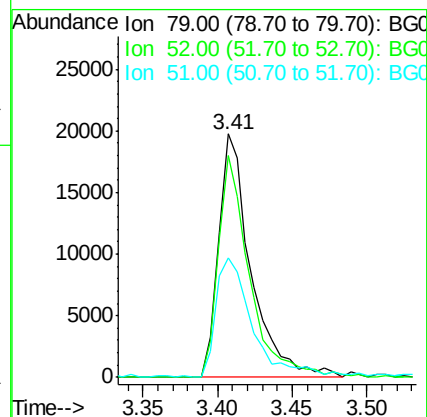
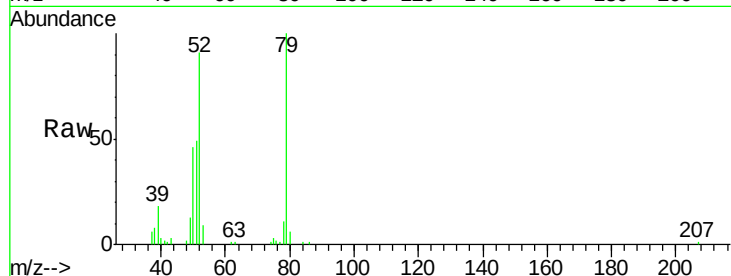
ClientSampleId :

PB83834BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 79    | Resp: | 29876 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 91.1  | 68.3  | 102.5 |
| 51        | 48.8  | 45.0  | 67.4  |

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#4

n-Nitrosodimethylamine

Concen: 42.48 ng

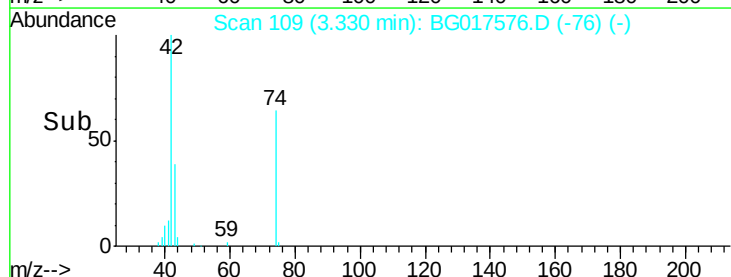
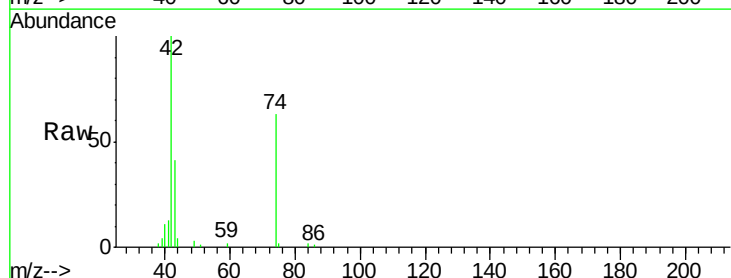
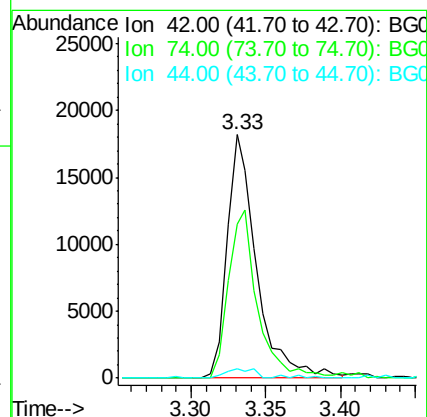
RT: 3.33 min Scan# 109

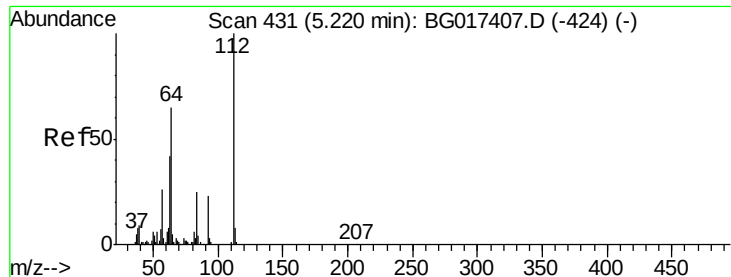
Delta R.T. -0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 25224  |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 63.3  | 71.4  | 107.2# |
| 44        | 3.7   | 4.5   | 6.7#   |





#5

2-Fluorophenol

Concen: 118.68 ng

RT: 5.17 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

ClientSampleId :

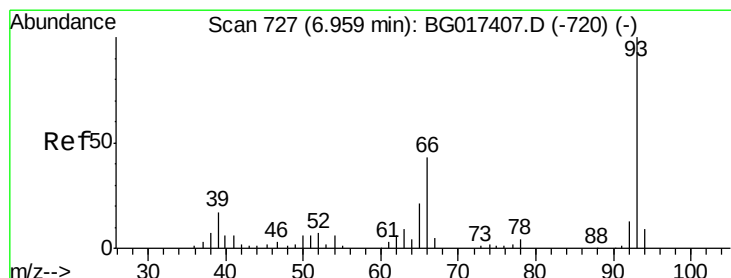
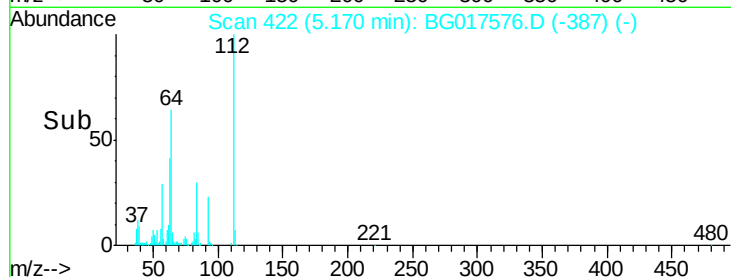
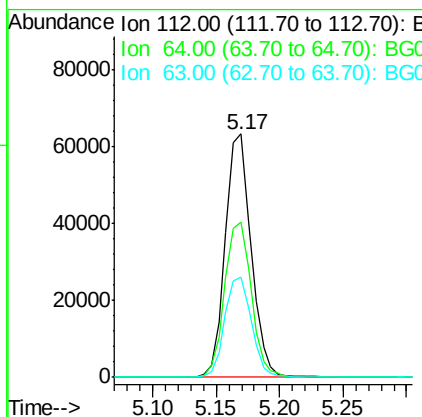
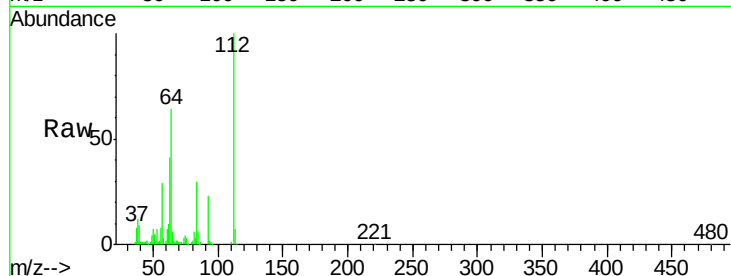
PB83834BS

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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 112   | Resp: | 89433 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 64.0  | 51.6  | 77.4  |
| 63        | 41.1  | 33.3  | 49.9  |



#6

Aniline

Concen: 24.48 ng

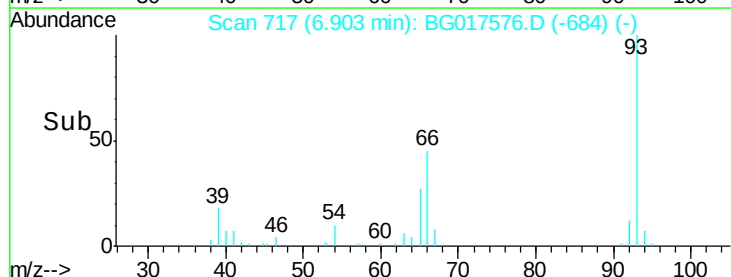
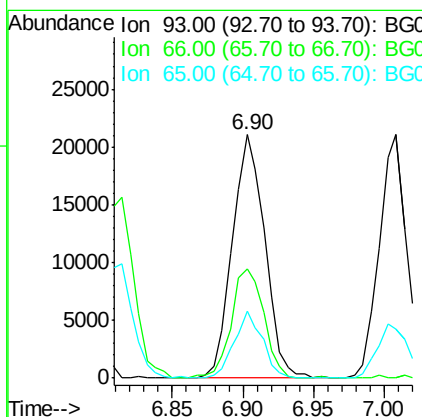
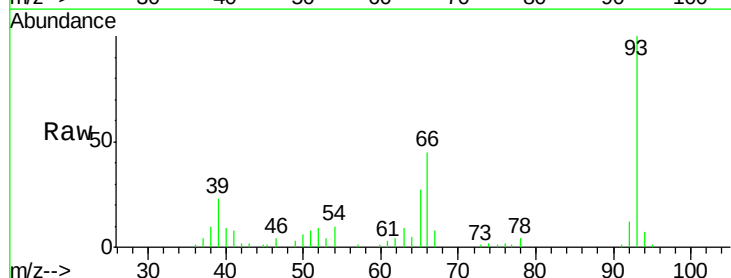
RT: 6.90 min Scan# 717

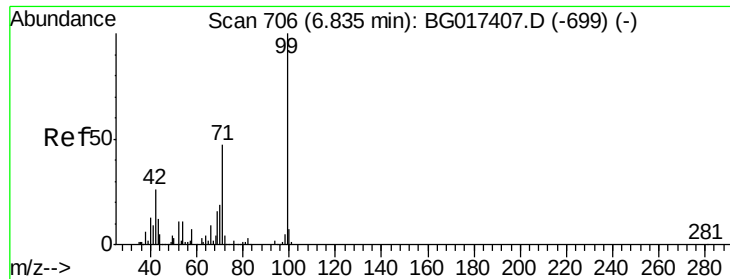
Delta R.T. -0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 33739 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 45.0  | 34.3  | 51.5  |
| 65        | 27.3  | 17.0  | 25.4  |





#7

Phenol-d6

Concen: 107.49 ng

RT: 6.79 min Scan# 697

Delta R.T. 0.00 min

Lab File: BG017576.D

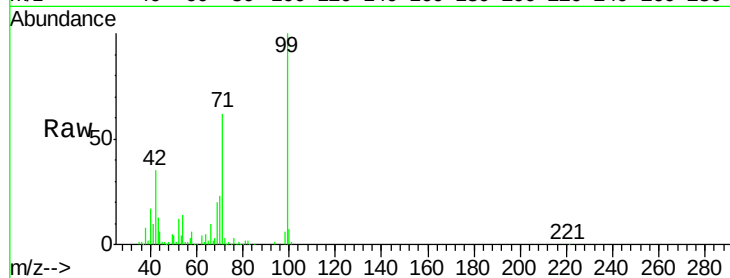
Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

ClientSampleId :

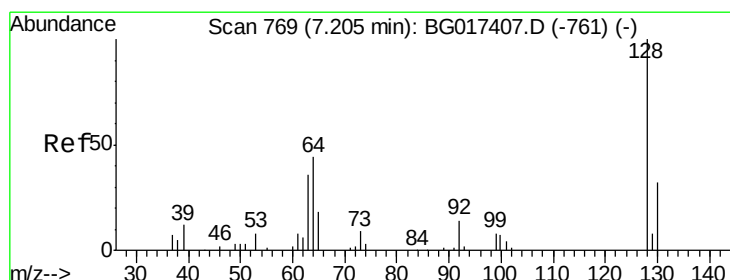
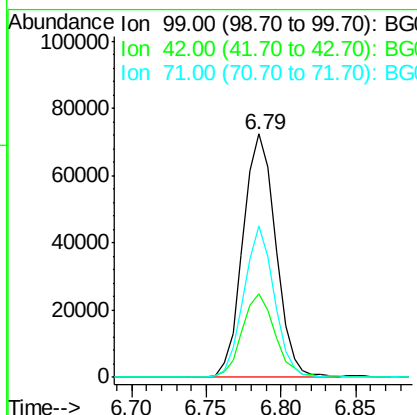
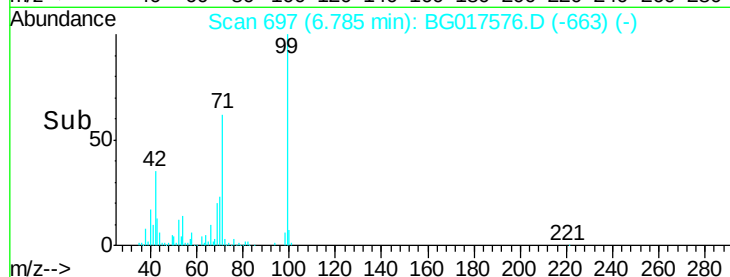
PB83834BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 110349 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 34.6  | 21.0  | 31.6#  |
| 71        | 62.2  | 37.2  | 55.8#  |

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#8

2-Chlorophenol

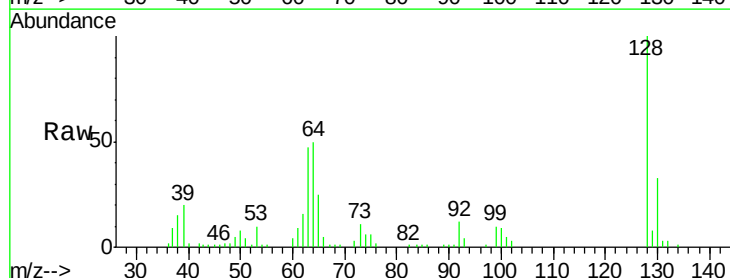
Concen: 36.29 ng

RT: 7.15 min Scan# 759

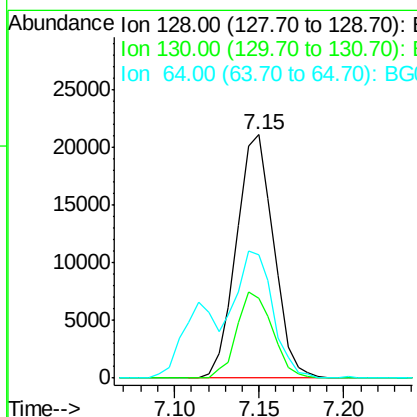
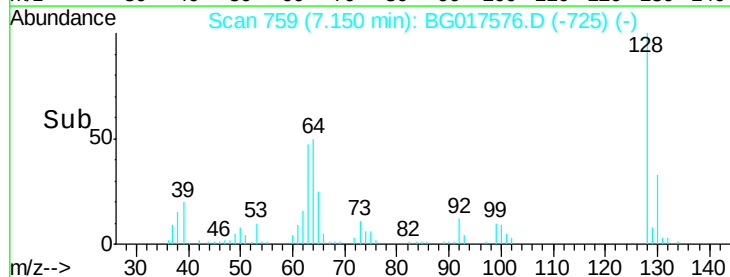
Delta R.T. 0.00 min

Lab File: BG017576.D

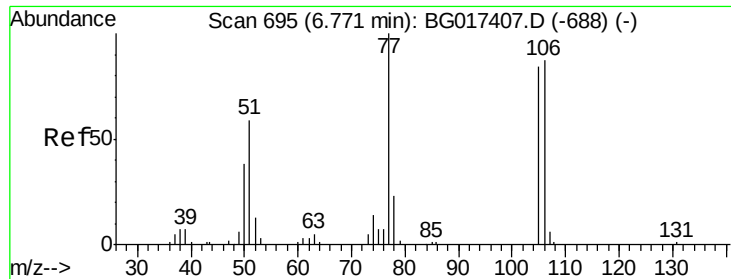
Acq: 9 Jun 2015 16:45



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 32335 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 33.0  | 11.7  | 51.7  |
| 64        | 50.4  | 32.5  | 72.5  |







#9

Benzaldehyde

Concen: 35.23 ng

RT: 6.71 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG017576.D

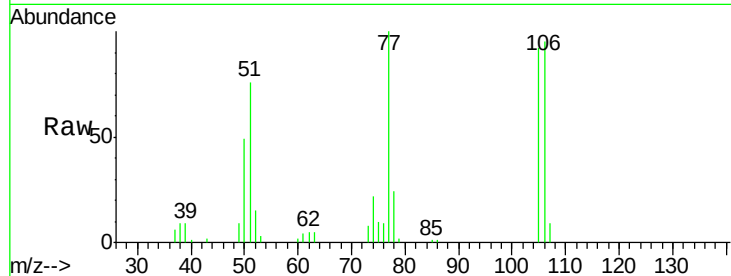
Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

ClientSampleId :

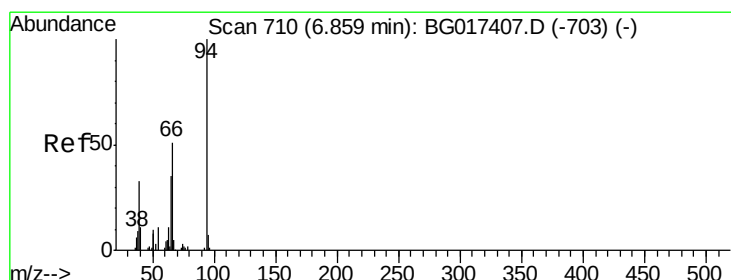
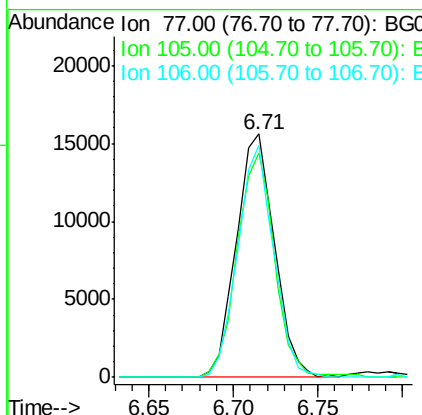
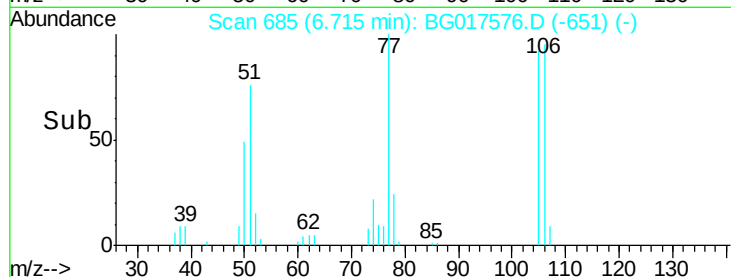
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 92.4  | 64.0  | 104.0 |
| 106     | 95.4  | 67.2  | 107.2 |

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#10

Phenol

Concen: 37.39 ng

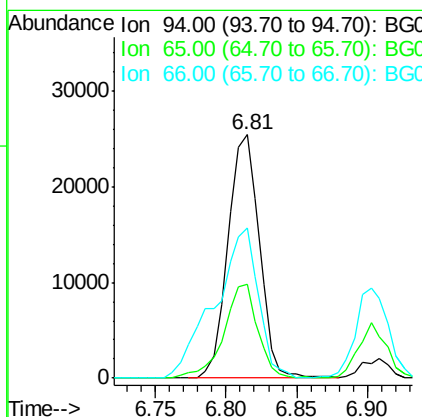
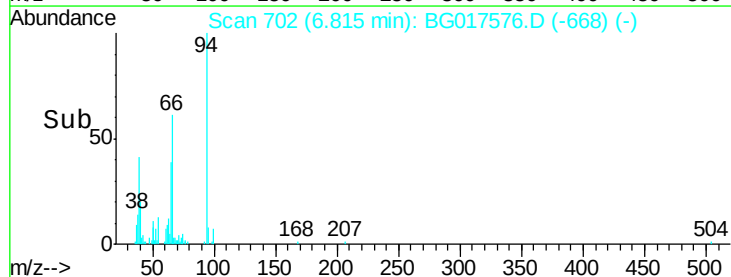
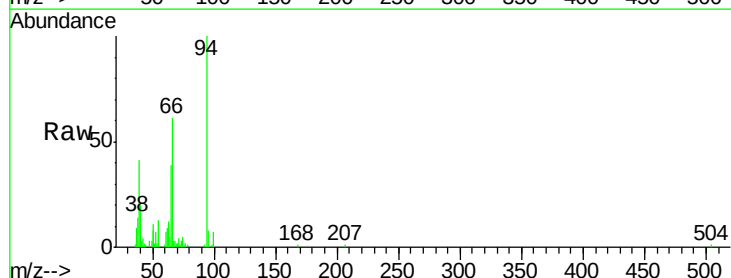
RT: 6.81 min Scan# 702

Delta R.T. 0.00 min

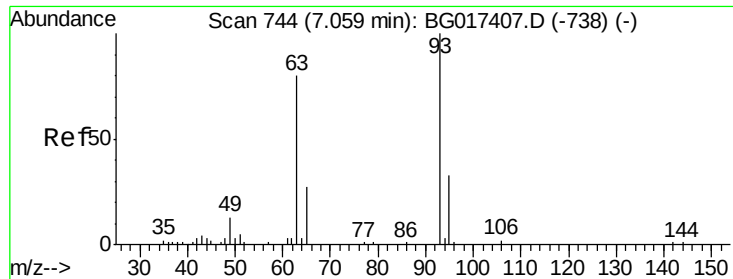
Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 38.6  | 15.9  | 55.9  |
| 66      | 61.4  | 34.9  | 74.9  |







#11

bis(2-Chloroethyl)ether

Concen: 35.27 ng

RT: 7.01 min Scan# 735

Delta R.T. 0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

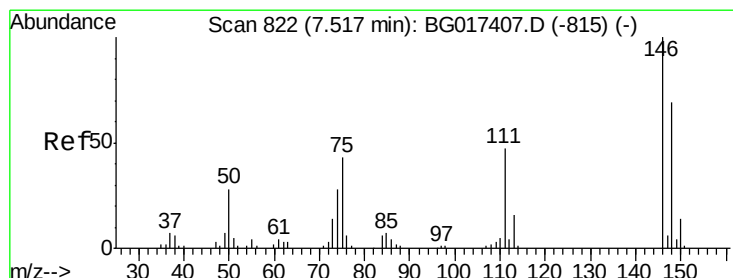
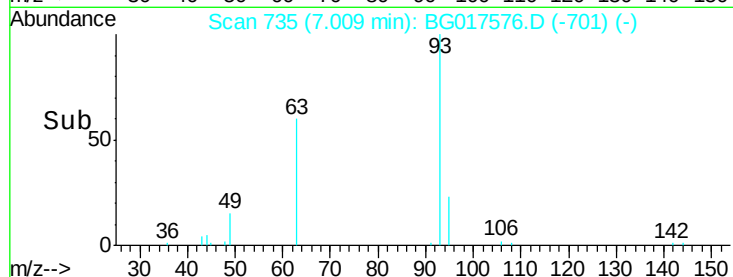
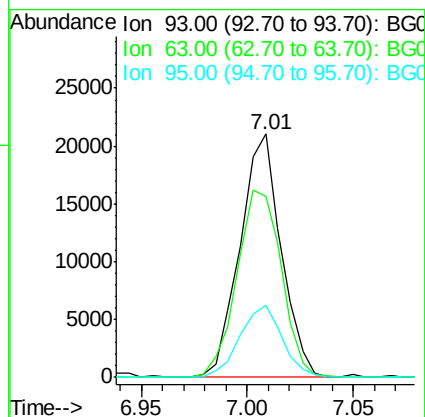
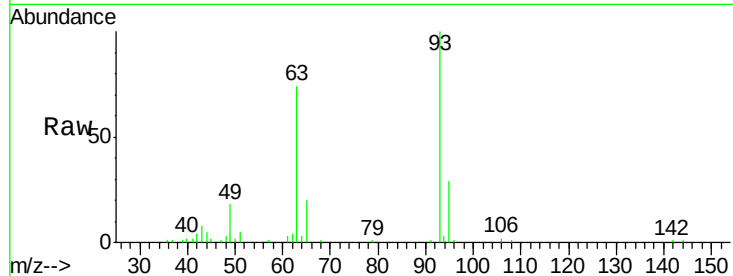
ClientSampleId :

PB83834BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 93    | Resp: | 28339 |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 74.5  | 59.7  | 99.7  |
| 95       | 29.4  | 13.2  | 53.2  |

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#12

1,3-Dichlorobenzene

Concen: 33.43 ng

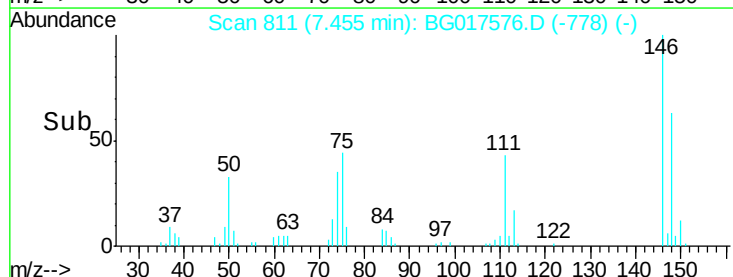
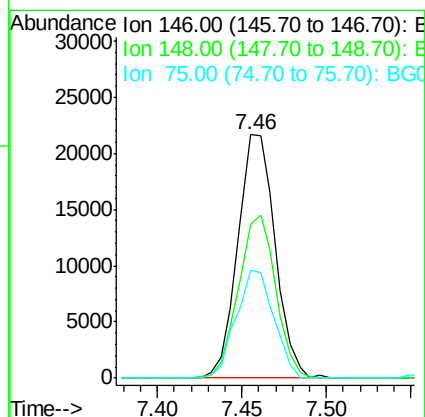
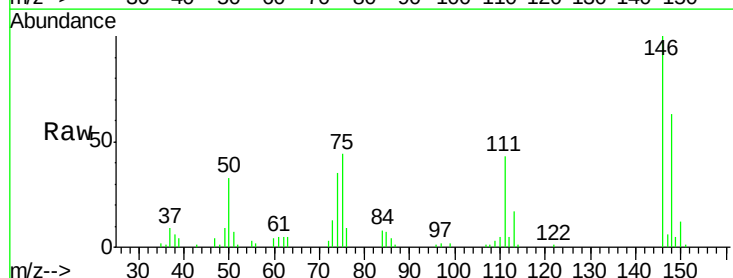
RT: 7.46 min Scan# 811

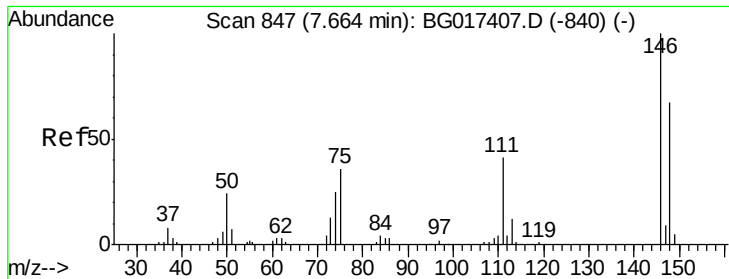
Delta R.T. -0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 33301 |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 63.2  | 55.2  | 82.8  |
| 75       | 44.1  | 34.1  | 51.1  |





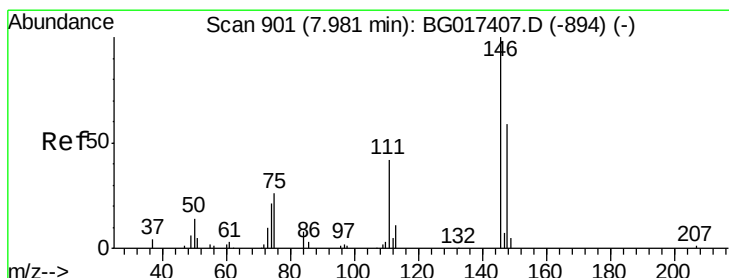
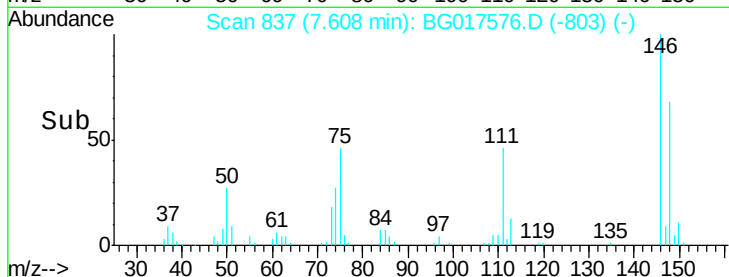
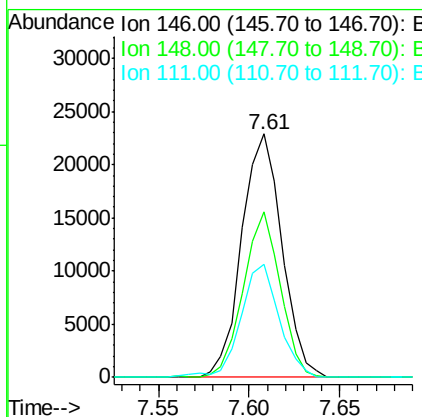
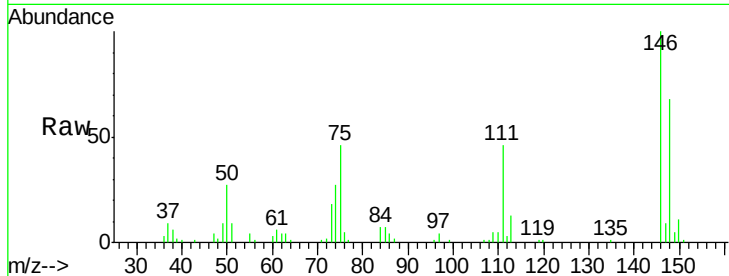
#13  
 1,4-Dichlorobenzene  
 Concen: 33.81 ng  
 RT: 7.61 min Scan# 837  
 Delta R.T. 0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83834BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.2  | 53.2  | 79.8  |
| 111     | 46.3  | 33.2  | 49.8  |

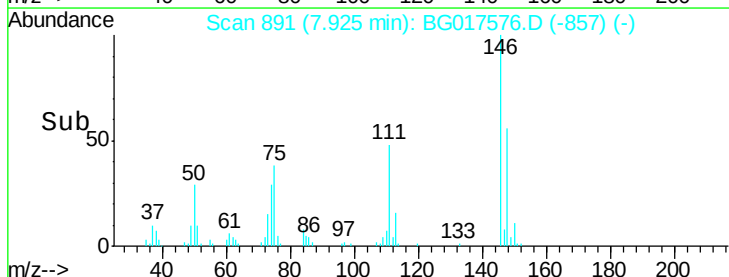
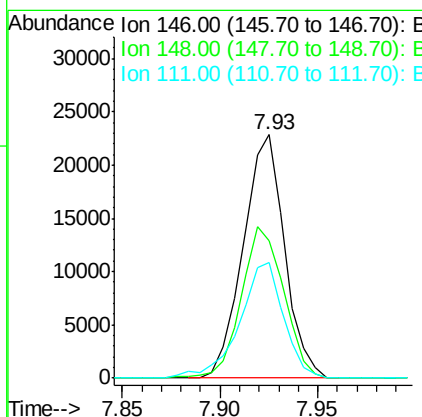
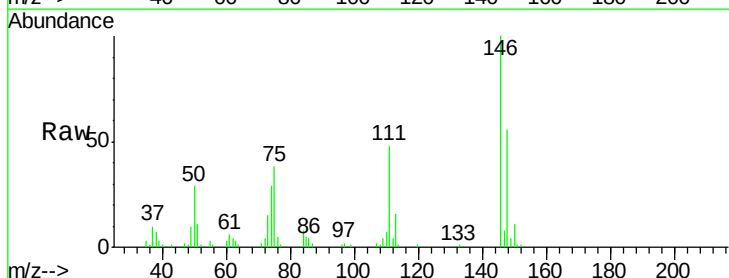
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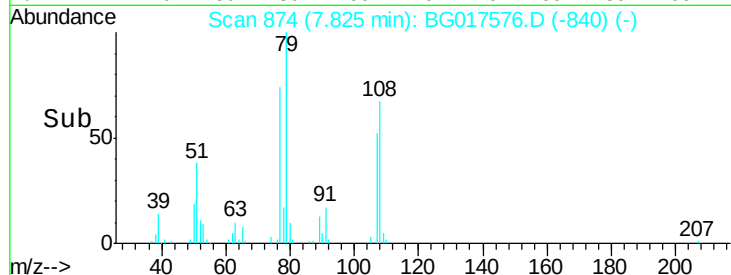
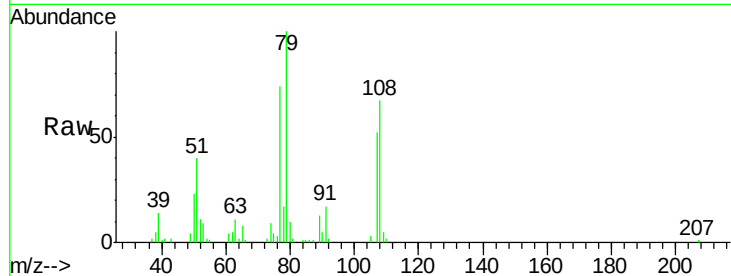
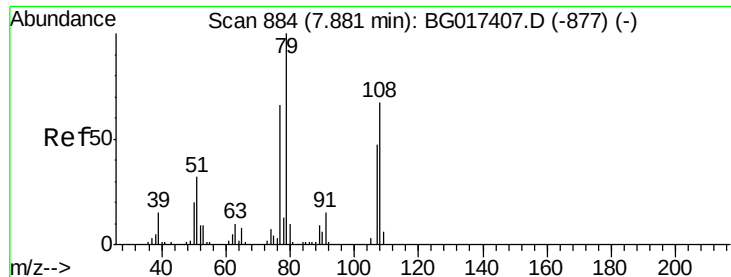
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#14  
 1,2-Dichlorobenzene  
 Concen: 34.15 ng  
 RT: 7.93 min Scan# 891  
 Delta R.T. 0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 56.2  | 46.9  | 70.3  |
| 111     | 47.5  | 35.0  | 52.4  |





#15

Benzyl Alcohol

Concen: 34.87 ng

RT: 7.83 min Scan# 874

Delta R.T. 0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 33330 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 108      | 67.5  | 53.7  | 80.5  |
| 77       | 73.6  | 53.0  | 79.4  |

Instrument :

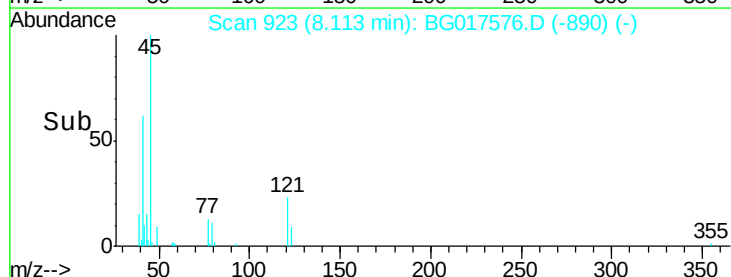
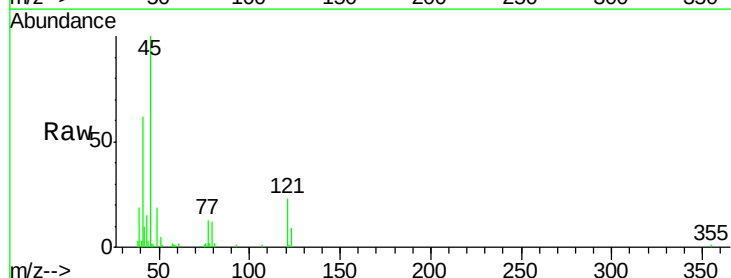
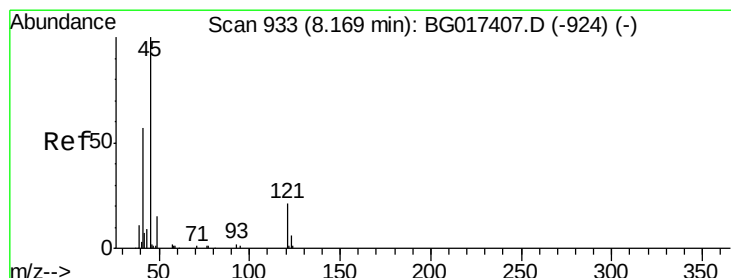
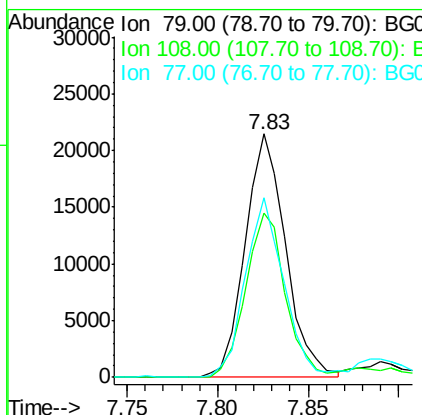
BNA\_G

ClientSampleId :

PB83834BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.67 ng

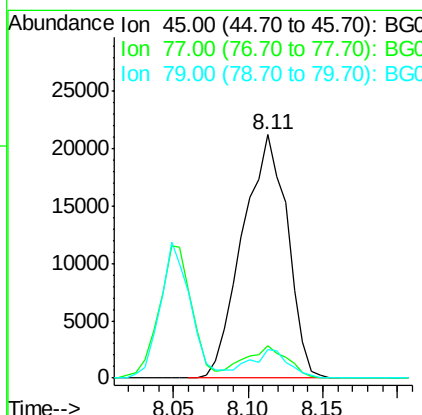
RT: 8.11 min Scan# 923

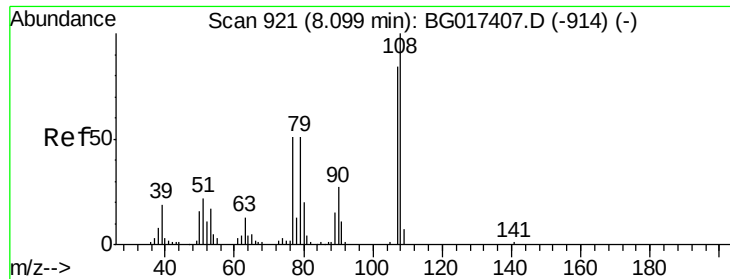
Delta R.T. -0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 44238 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 77       | 13.1  | 0.0   | 33.9  |
| 79       | 11.7  | 0.0   | 29.0  |





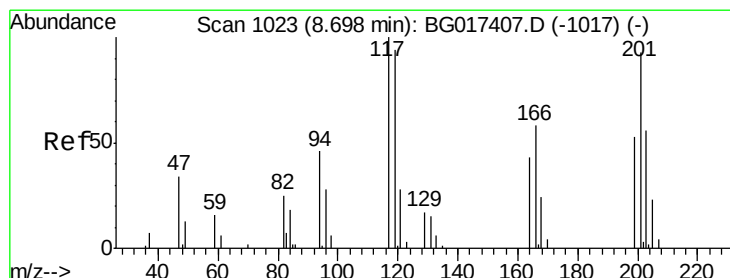
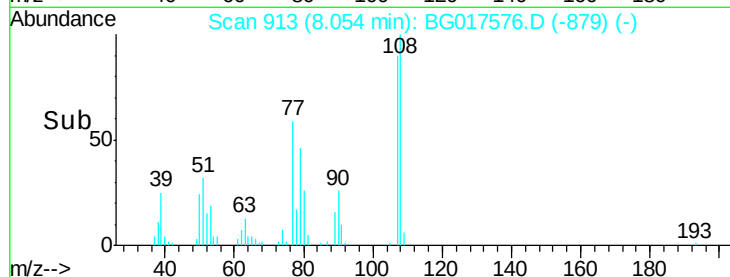
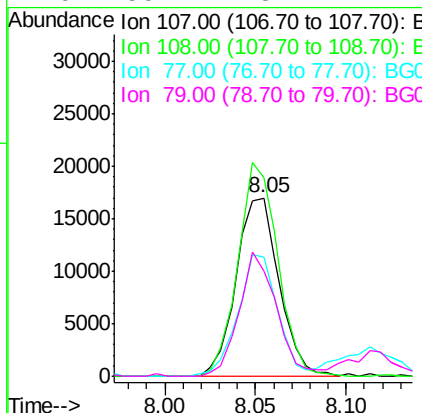
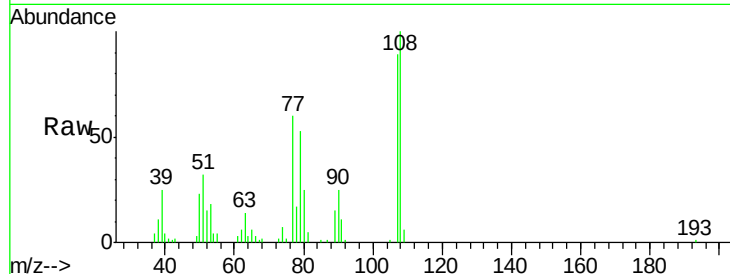
#17  
2-Methylphenol  
Concen: 34.86 ng  
RT: 8.05 min Scan# 913  
Delta R.T. 0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

Instrument :  
BNA\_G  
ClientSampleId :  
PB83834BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 27893 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 111.8 | 95.4  | 143.0 |
| 77       | 67.1  | 48.8  | 73.2  |
| 79       | 59.1  | 48.2  | 72.4  |

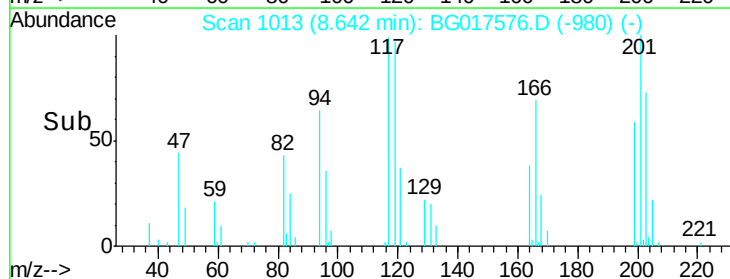
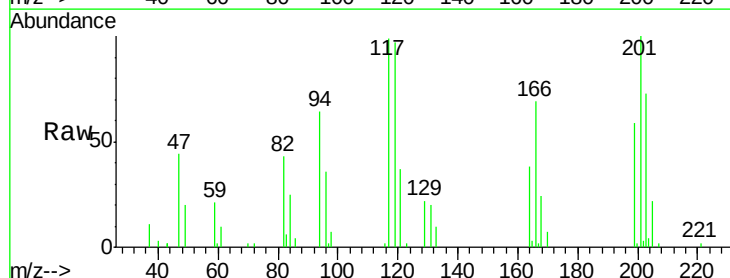
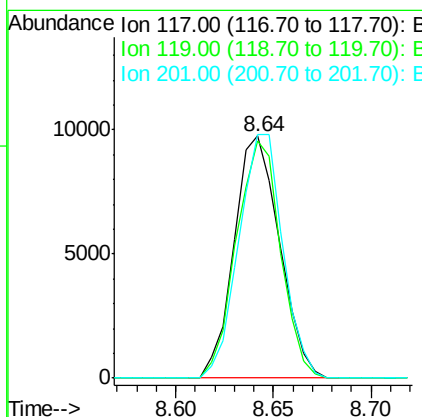
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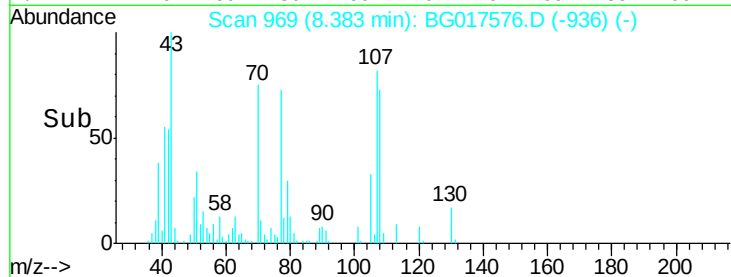
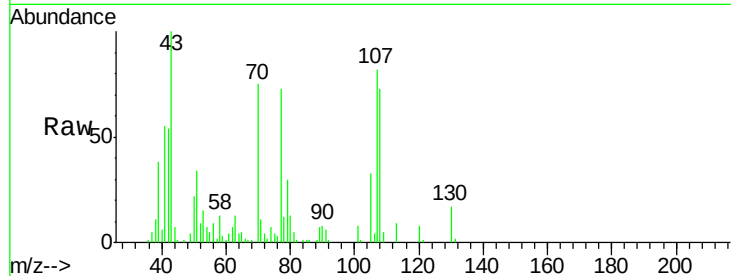
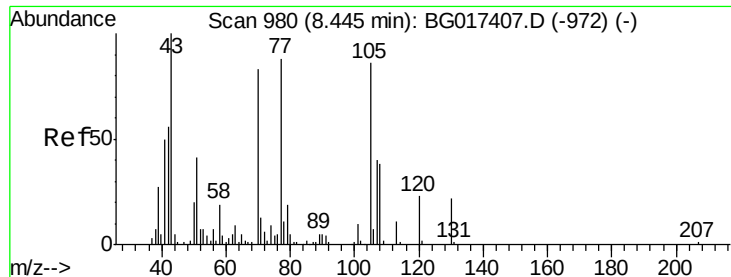
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#18  
Hexachloroethane  
Concen: 37.76 ng  
RT: 8.64 min Scan# 1013  
Delta R.T. -0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 15725 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.9  | 75.0  | 112.4 |
| 201      | 100.5 | 74.2  | 111.2 |





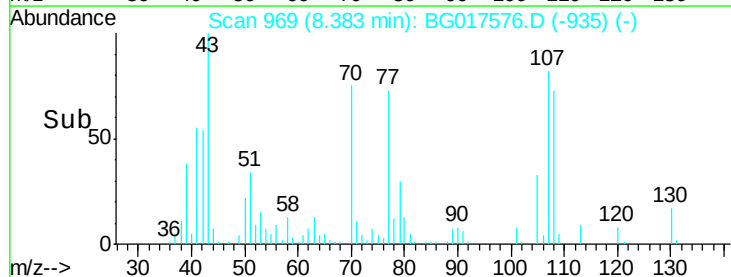
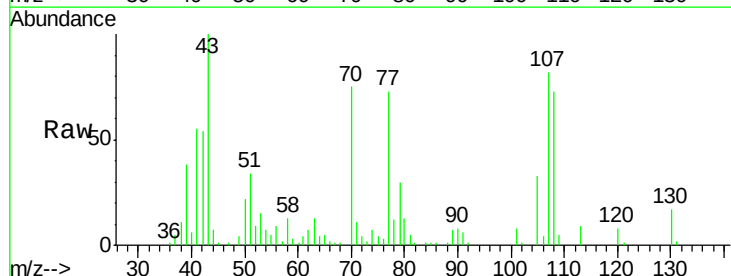
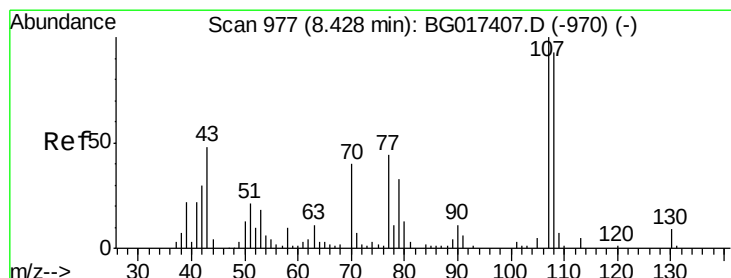
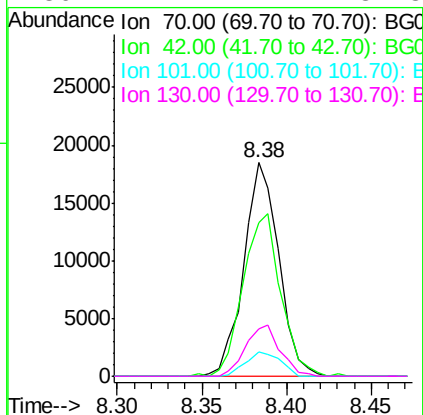
#19  
n-Nitroso-di-n-propylamine  
Concen: 30.71 ng  
RT: 8.38 min Scan# 969  
Delta R.T. -0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

Instrument :  
BNA\_G  
ClientSampleId :  
PB83834BS

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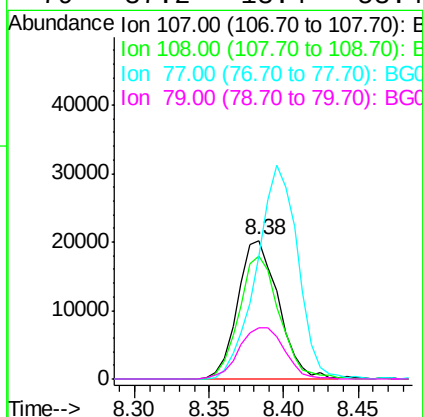
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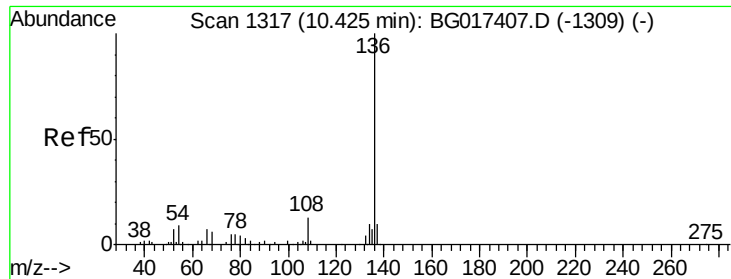
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 71.8  | 53.8  | 80.8  |
| 101     | 11.2  | 9.5   | 14.3  |
| 130     | 22.1  | 21.2  | 31.8  |



#20  
3+4-Methylphenols  
Concen: 34.55 ng  
RT: 8.38 min Scan# 969  
Delta R.T. 0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 88.6  | 73.0  | 113.0 |
| 77      | 88.6  | 23.9  | 63.9  |
| 79      | 37.2  | 13.4  | 53.4  |





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.36 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BG017576.D

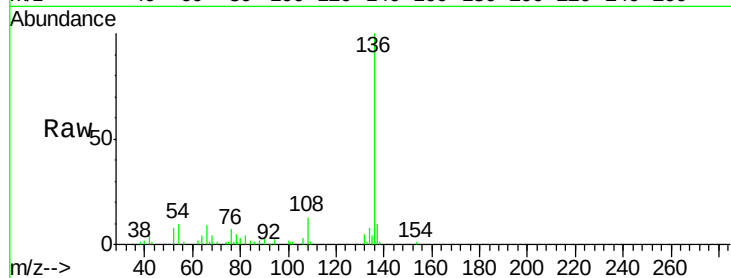
Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

ClientSampled :

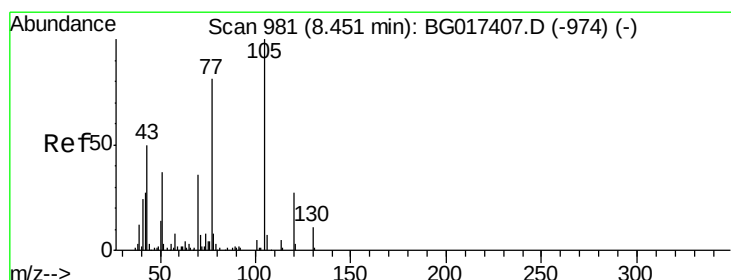
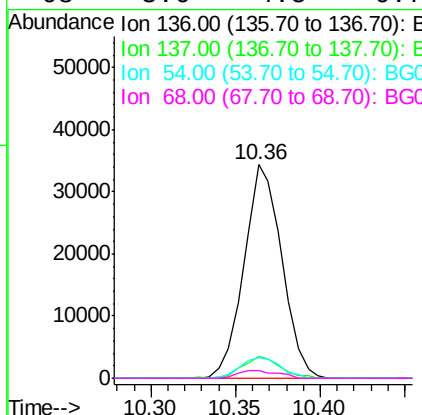
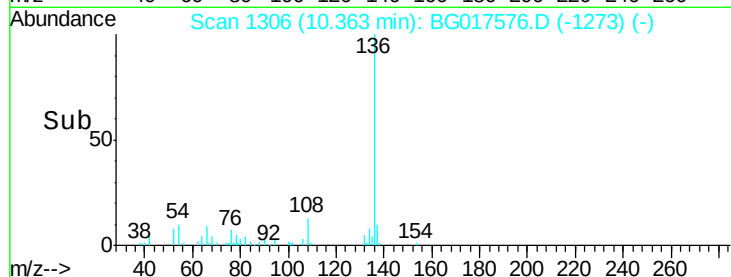
PB83834BS



| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 136     | 100   | 53246 |       |       |
| 137     | 10.0  |       | 7.9   | 11.9  |
| 54      | 9.9   |       | 7.2   | 10.8  |
| 68      | 3.6   |       | 4.5   | 6.7#  |

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#22

Acetophenone

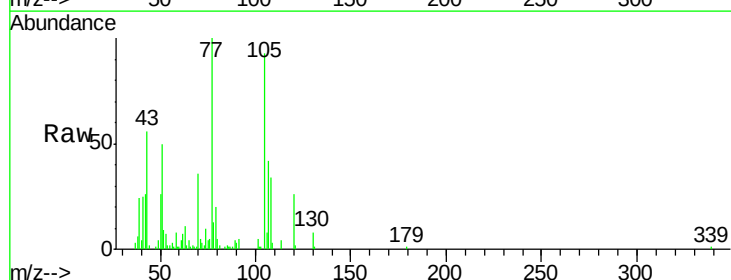
Concen: 36.09 ng

RT: 8.40 min Scan# 971

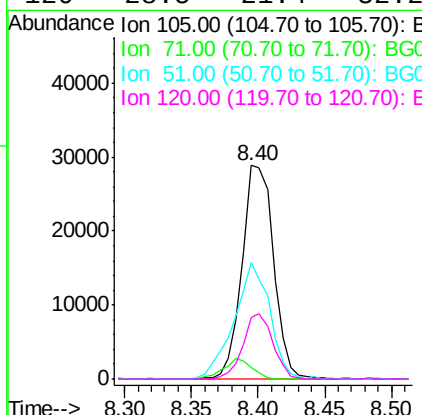
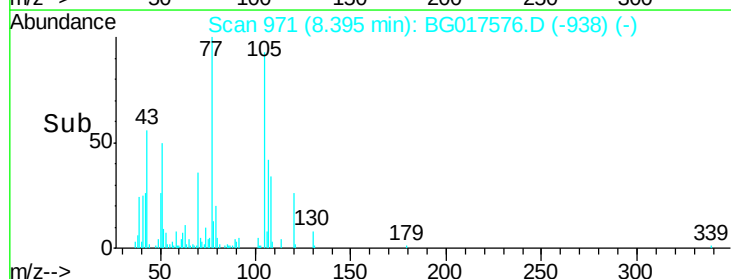
Delta R.T. -0.00 min

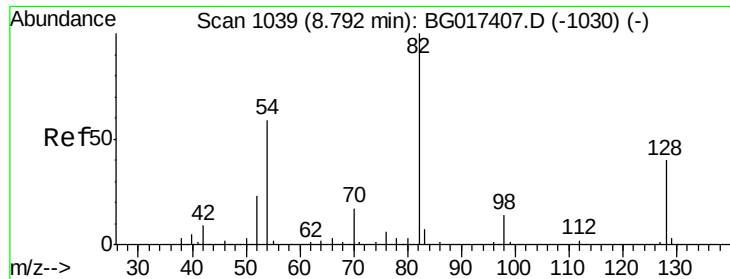
Lab File: BG017576.D

Acq: 9 Jun 2015 16:45



| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 47107 |       |       |
| 71      | 5.7   |       | 5.3   | 7.9   |
| 51      | 54.3  |       | 32.4  | 48.6# |
| 120     | 28.5  |       | 21.4  | 32.2  |





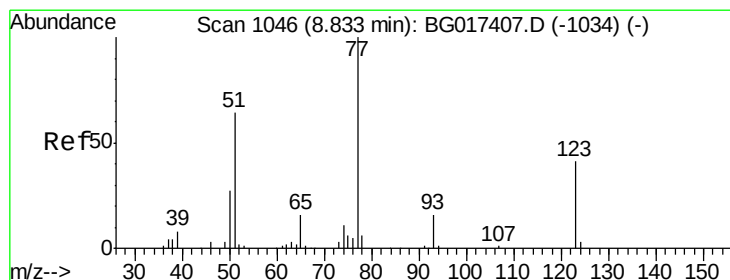
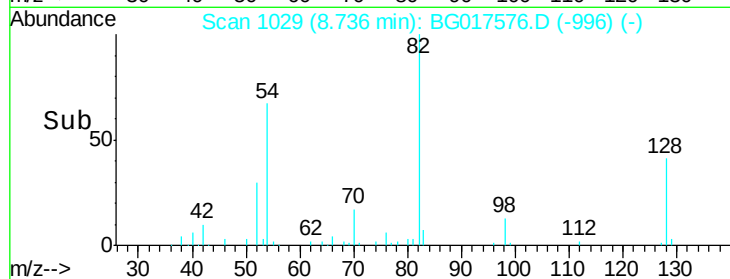
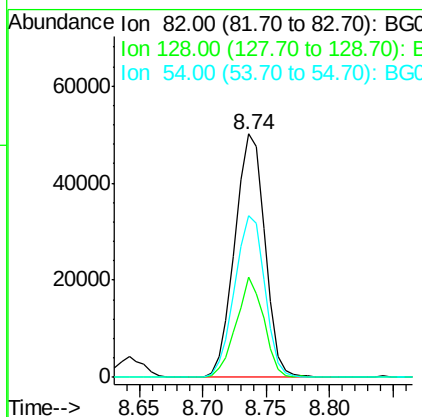
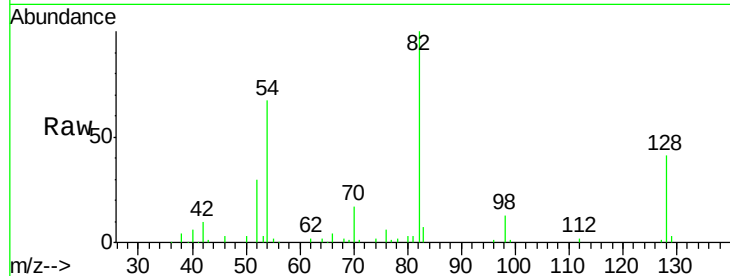
#23  
 Nitrobenzene-d5  
 Concen: 77.21 ng  
 RT: 8.74 min Scan# 1029  
 Delta R.T. -0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83834BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 82      | 100   | 82353 |       |       |
| 128     | 41.2  | 32.2  | 48.4  |       |
| 54      | 66.6  | 47.4  | 71.2  |       |

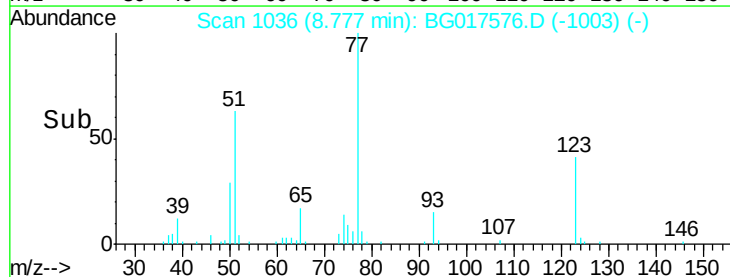
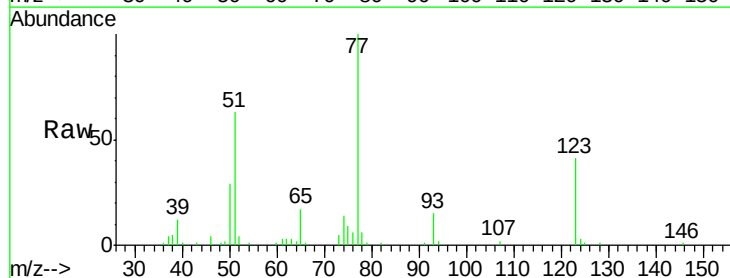
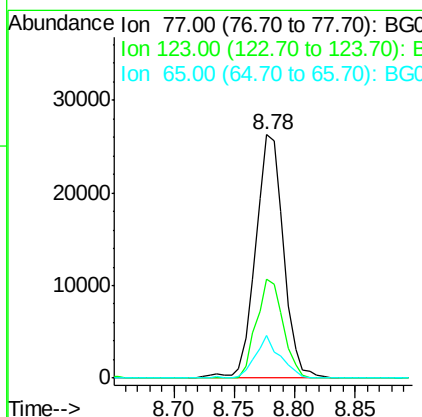
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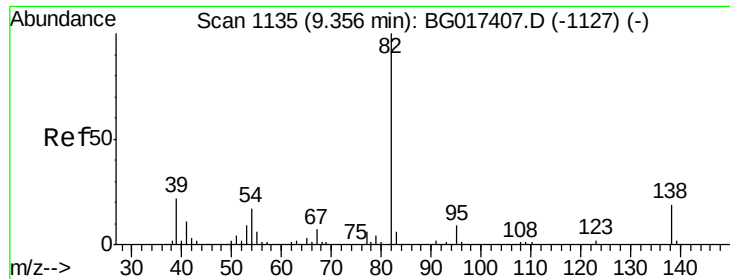


#24  
 Nitrobenzene  
 Concen: 38.12 ng  
 RT: 8.78 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 42208 |       |       |
| 123     | 40.8  | 32.6  | 49.0  |       |
| 65      | 17.3  | 12.8  | 19.2  |       |







#25

Isophorone

Concen: 31.45 ng

RT: 9.30 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

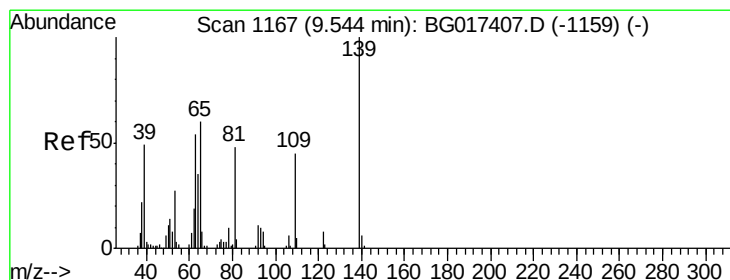
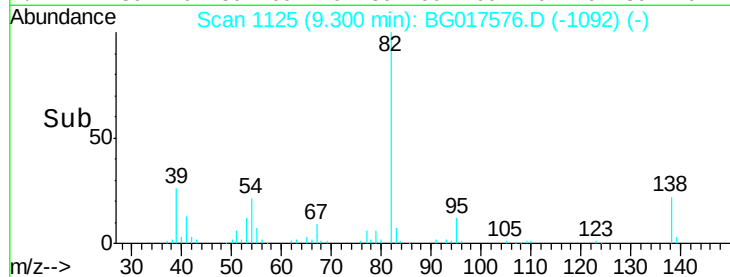
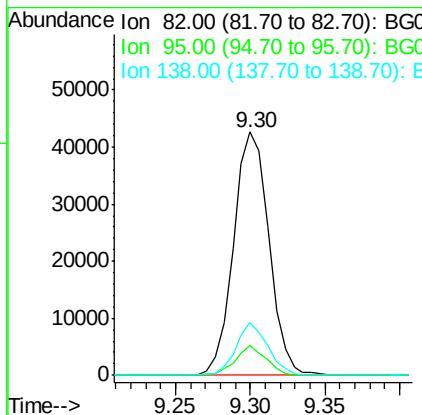
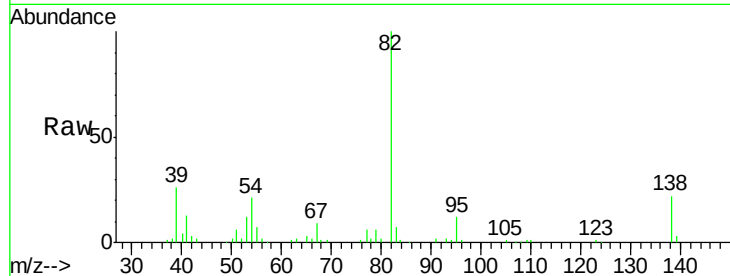
ClientSampleId :

PB83834BS

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 82   | Resp: | 70154 |
| Ion Ratio |      | Lower | Upper |
| 82        | 100  |       |       |
| 95        | 12.1 | 7.1   | 10.7# |
| 138       | 21.7 | 15.5  | 23.3  |

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#26

2-Nitrophenol

Concen: 37.07 ng

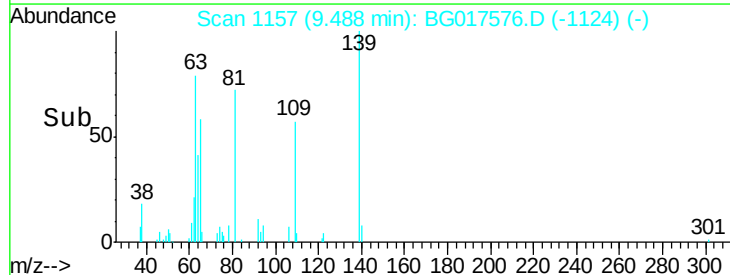
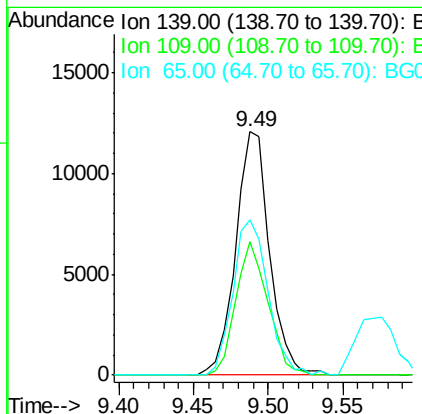
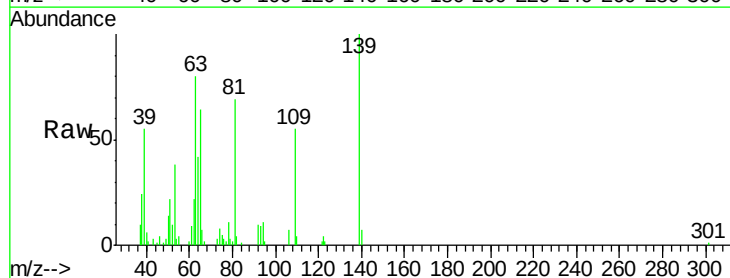
RT: 9.49 min Scan# 1157

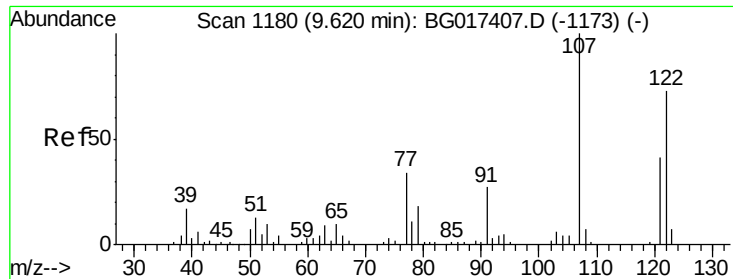
Delta R.T. -0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

|           |      |       |       |
|-----------|------|-------|-------|
| Tgt Ion:  | 139  | Resp: | 19039 |
| Ion Ratio |      | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 55.0 | 35.7  | 53.5# |
| 65        | 63.8 | 48.3  | 72.5  |





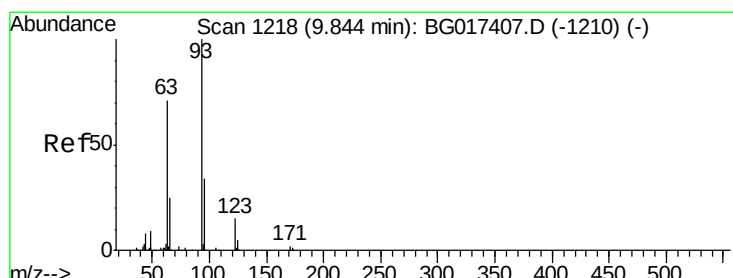
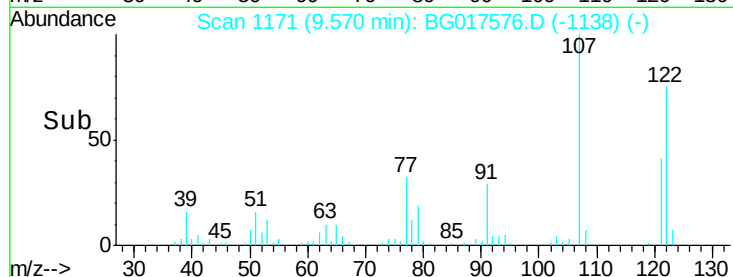
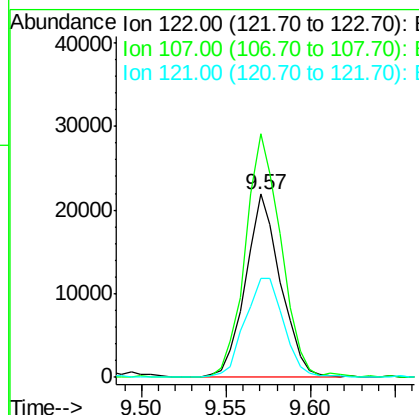
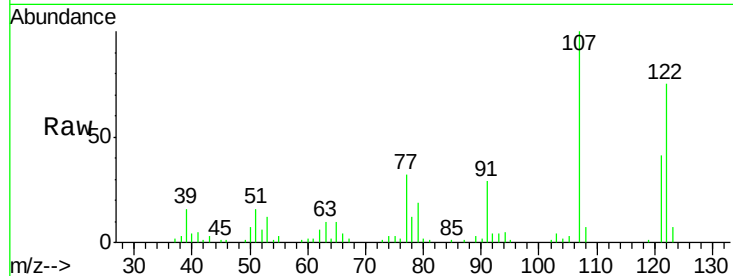
#27  
 2,4-Dimethylphenol  
 Concen: 37.89 ng  
 RT: 9.57 min Scan# 1171  
 Delta R.T. -0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83834BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 31643 |       |       |
| 107     | 133.0 | 109.2 | 163.8 |       |
| 121     | 54.1  | 44.3  | 66.5  |       |

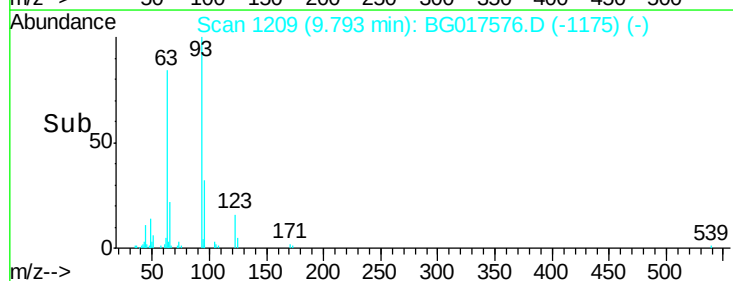
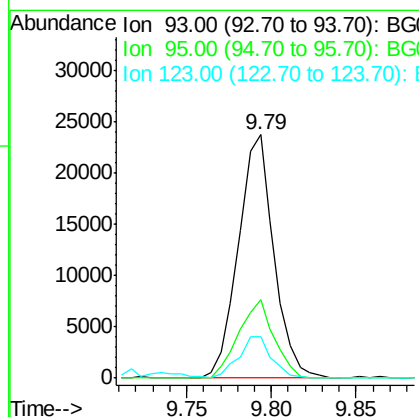
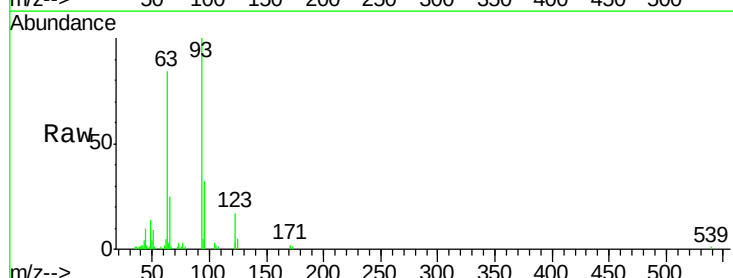
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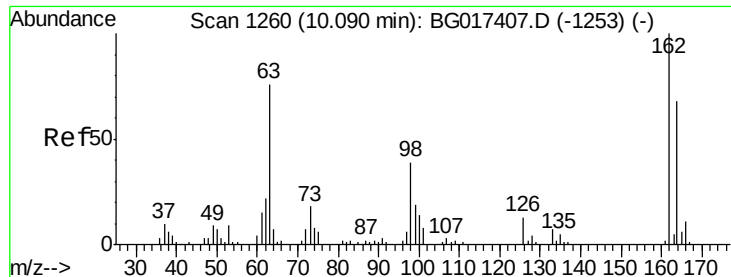
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 34.00 ng  
 RT: 9.79 min Scan# 1209  
 Delta R.T. 0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 34649 |       |       |
| 95      | 32.1  | 27.0  | 40.6  |       |
| 123     | 17.1  | 12.5  | 18.7  |       |





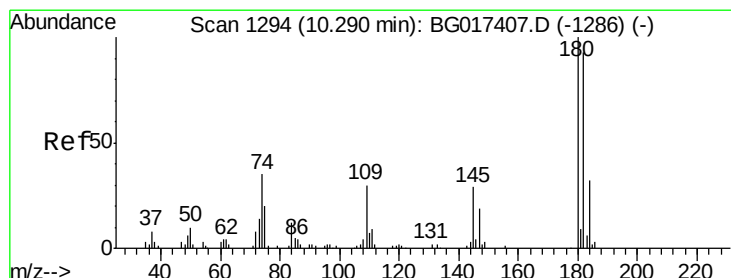
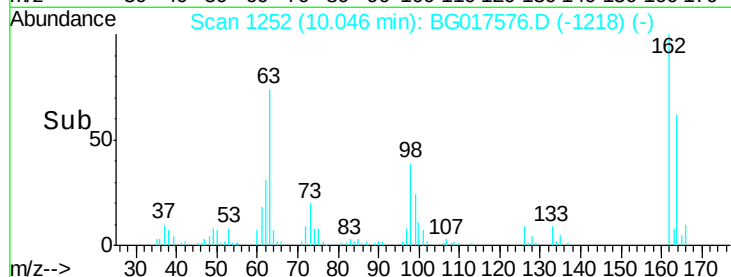
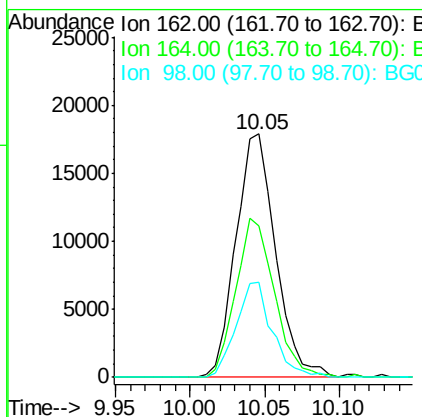
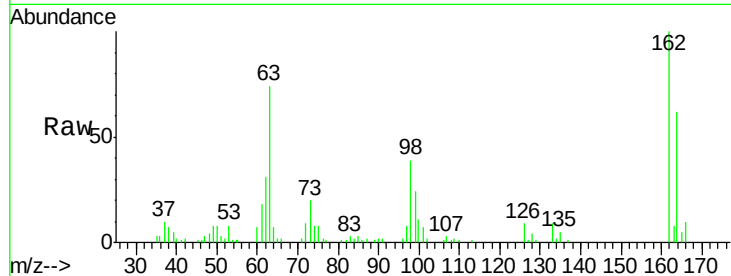
#29  
 2,4-Dichlorophenol  
 Concen: 40.56 ng  
 RT: 10.05 min Scan# 1252  
 Delta R.T. 0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83834BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 33006 |       |       |
| 164     | 62.4  | 48.0  | 88.0  |       |
| 98      | 38.9  | 18.9  | 58.9  |       |

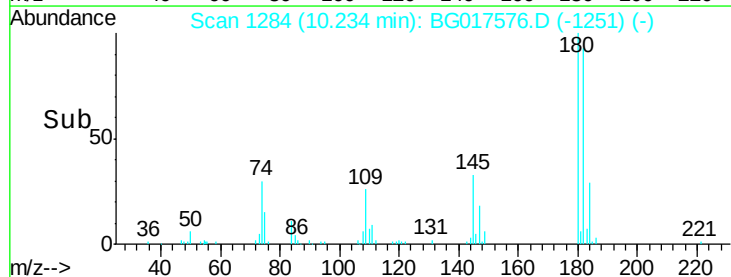
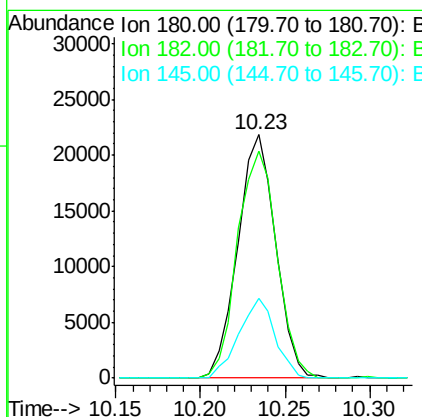
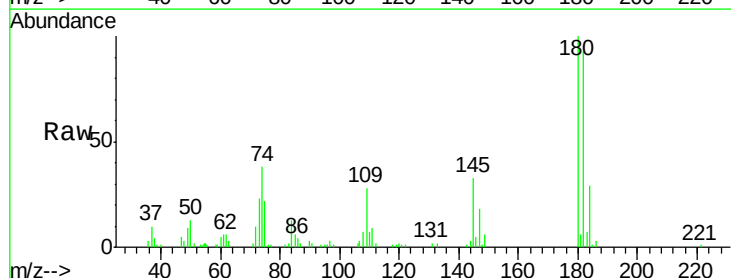
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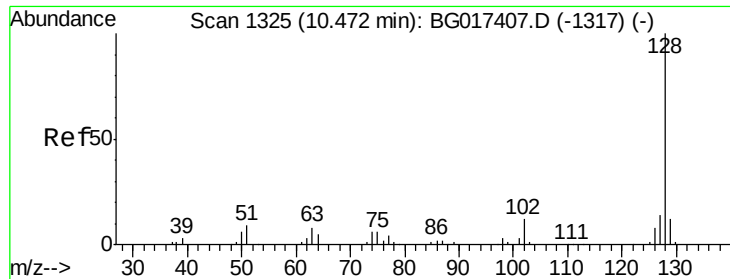
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 35.75 ng  
 RT: 10.23 min Scan# 1284  
 Delta R.T. -0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 34208 |       |       |
| 182     | 93.4  | 74.5  | 111.7 |       |
| 145     | 32.9  | 23.5  | 35.3  |       |





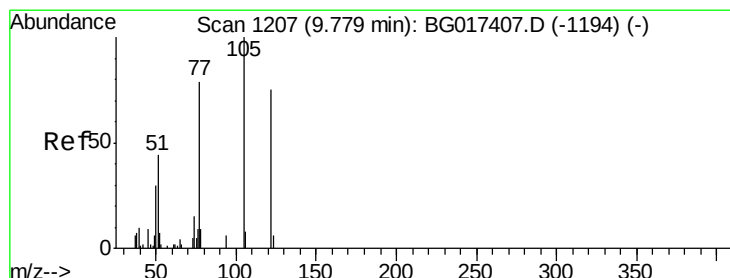
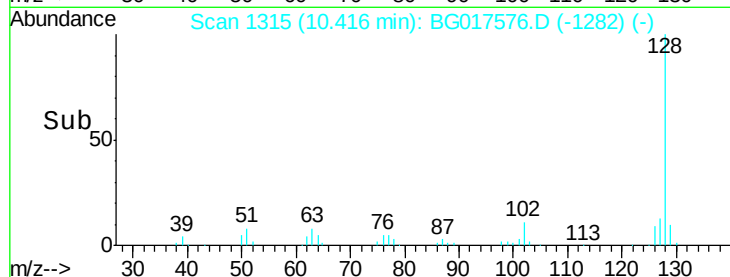
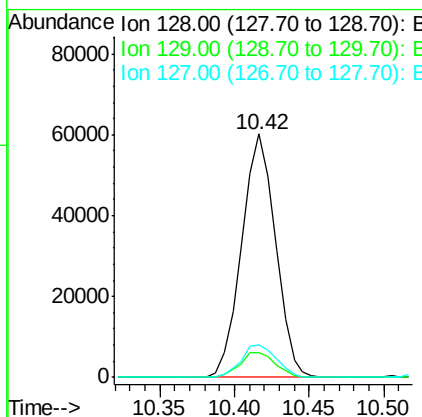
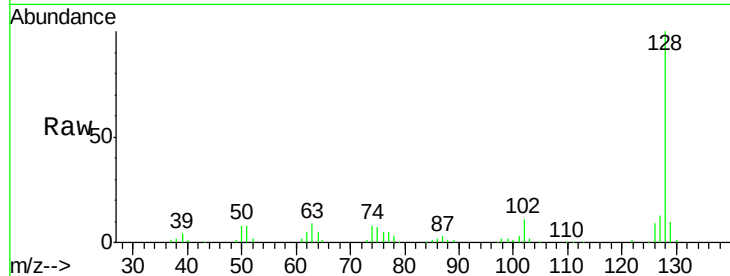
#31  
Naphthalene  
Concen: 33.94 ng  
RT: 10.42 min Scan# 1315  
Delta R.T. -0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

Instrument :  
BNA\_G  
ClientSampleId :  
PB83834BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 128     | 100   | 94430 |       |       |
| 129     | 9.9   | 9.2   | 13.8  |       |
| 127     | 13.4  | 10.9  | 16.3  |       |

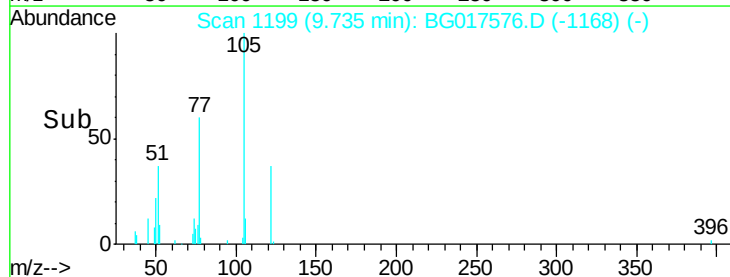
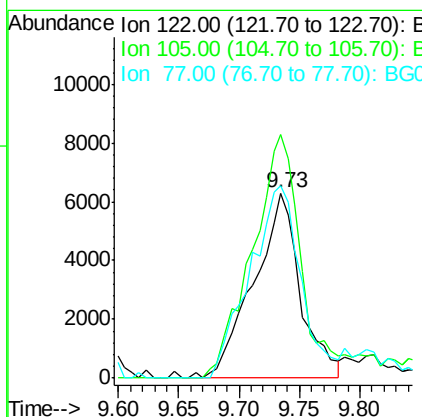
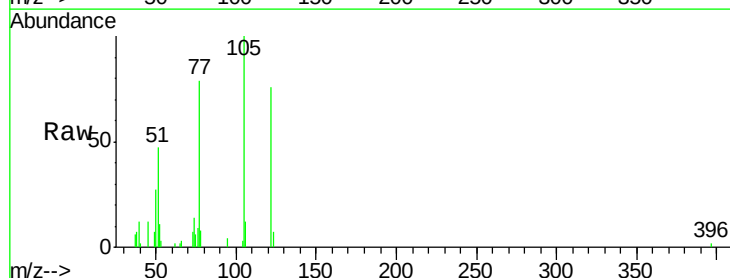
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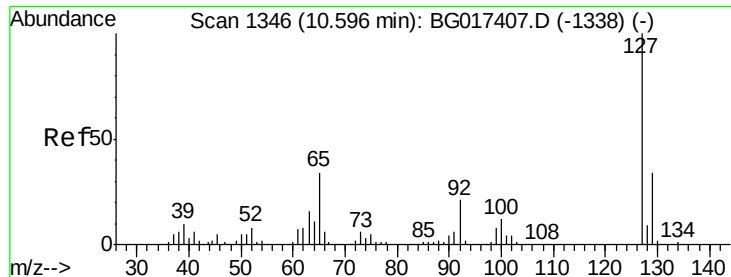
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#32  
Benzoic acid  
Concen: 32.02 ng  
RT: 9.73 min Scan# 1199  
Delta R.T. -0.02 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 16904 |       |       |
| 105     | 131.5 | 113.5 | 153.5 |       |
| 77      | 103.9 | 85.2  | 125.2 |       |





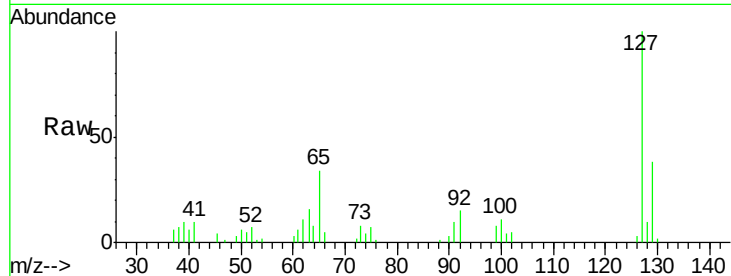
#33  
4-Chloroaniline  
Concen: 17.77 ng  
RT: 10.55 min Scan# 1337  
Delta R.T. 0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

Instrument :  
BNA\_G  
ClientSampleId :  
PB83834BS

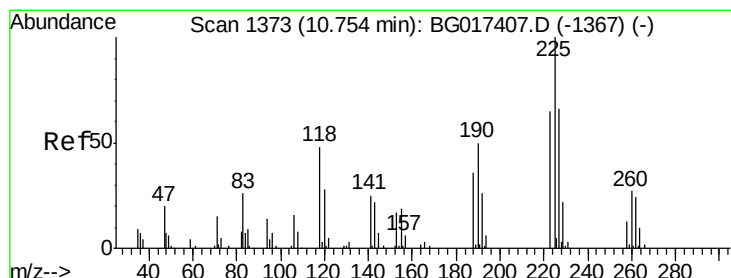
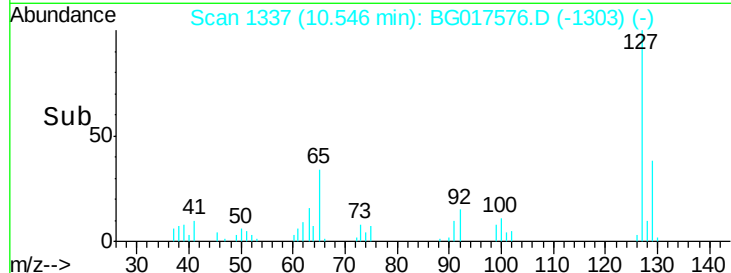
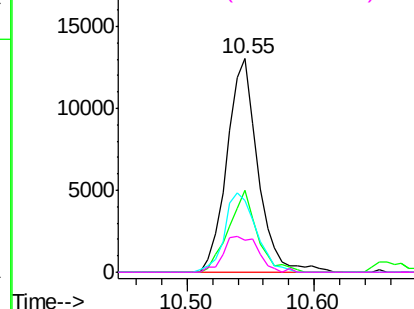
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 127     | 100   | 21937 |       |       |
| 129     | 38.5  | 27.1  | 40.7  |       |
| 65      | 33.7  | 27.6  | 41.4  |       |
| 92      | 15.3  | 16.7  | 25.1  |       |

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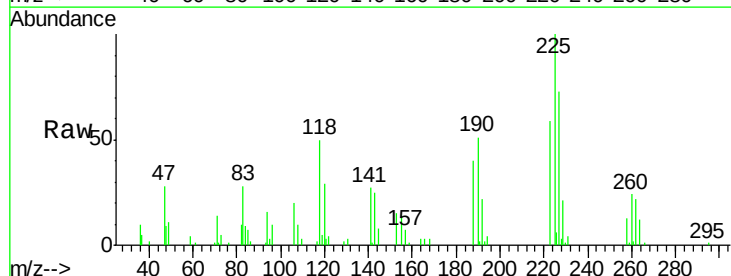


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

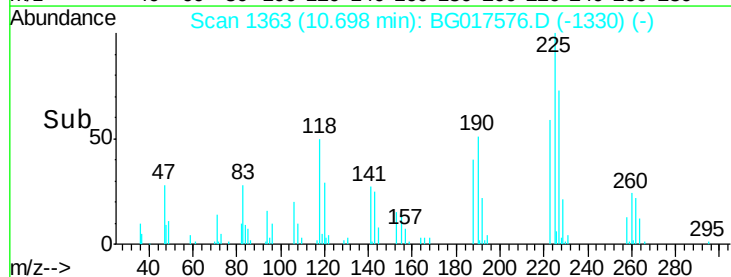
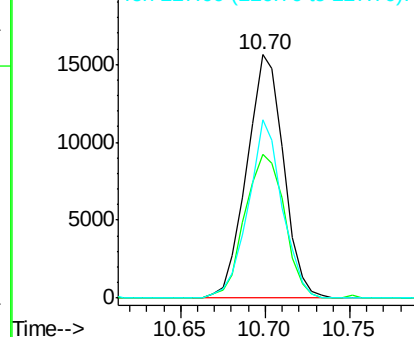


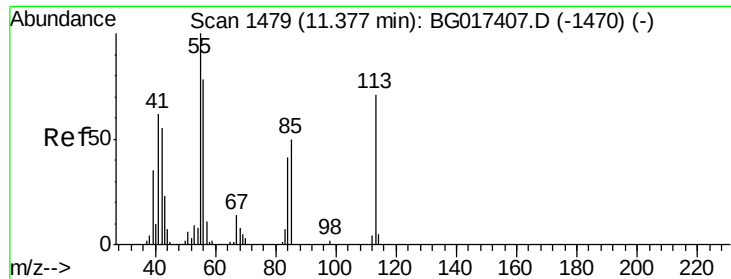
#34  
Hexachlorobutadiene  
Concen: 38.03 ng  
RT: 10.70 min Scan# 1363  
Delta R.T. -0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 23686 |       |       |
| 223     | 59.0  | 52.2  | 78.2  |       |
| 227     | 73.3  | 52.6  | 78.8  |       |



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





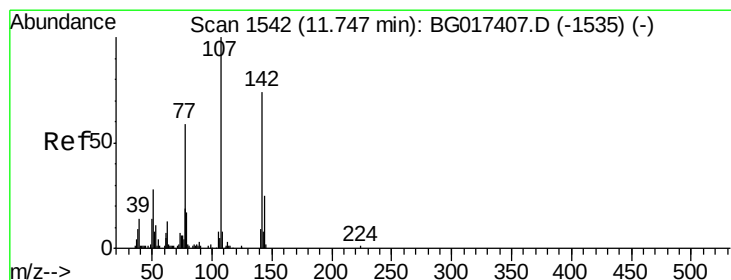
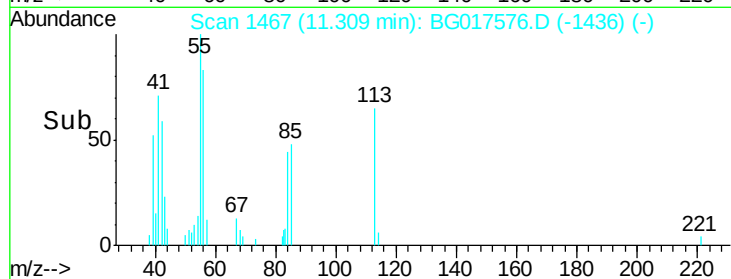
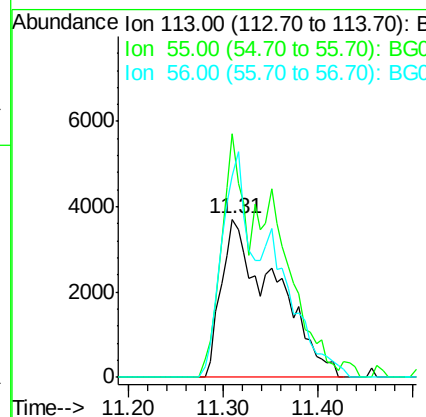
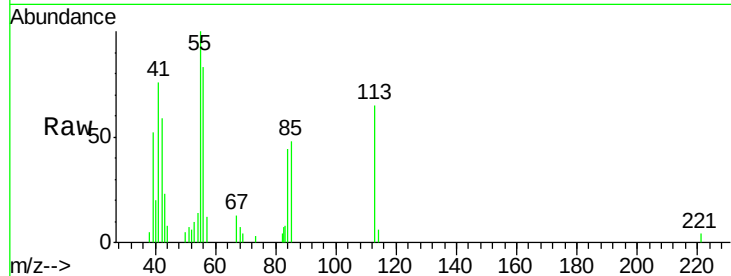
#35  
 Caprolactam  
 Concen: 32.72 ng m  
 RT: 11.31 min Scan# 1467  
 Delta R.T. -0.02 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83834BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 154.1 | 121.6 | 161.6 |
| 56      | 127.3 | 89.8  | 129.8 |

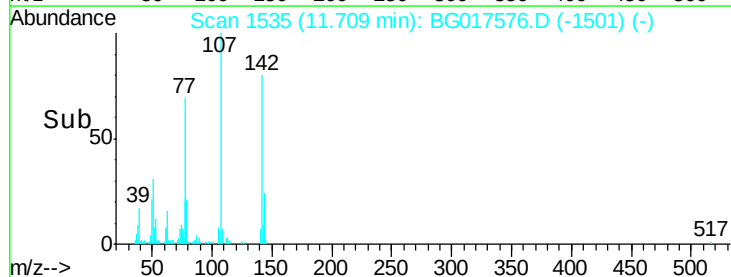
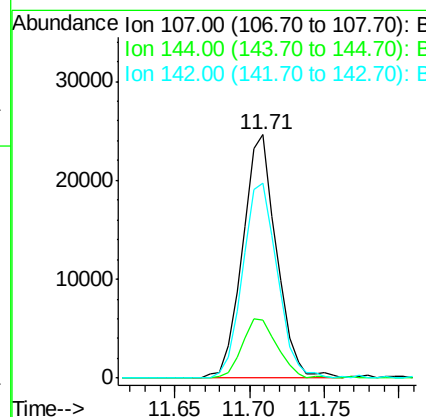
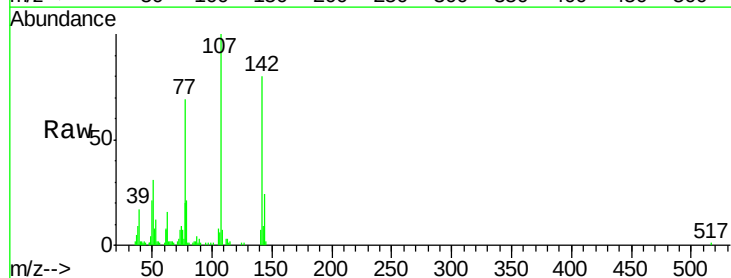
Manual Integrations  
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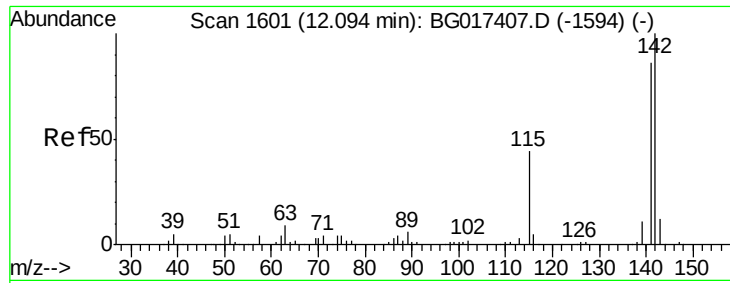
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#36  
 4-Chloro-3-methylphenol  
 Concen: 36.54 ng  
 RT: 11.71 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 23.6  | 19.8  | 29.8  |
| 142     | 80.1  | 59.0  | 88.4  |





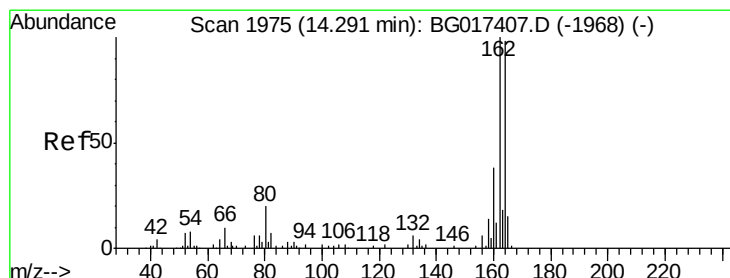
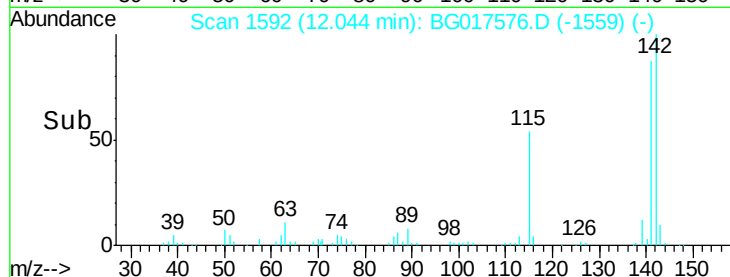
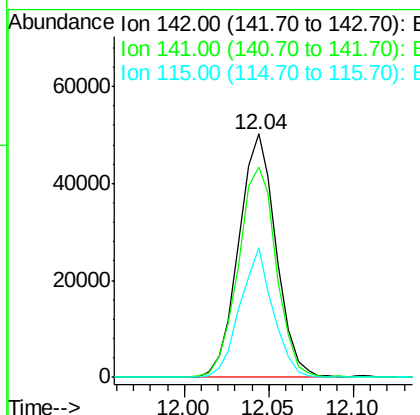
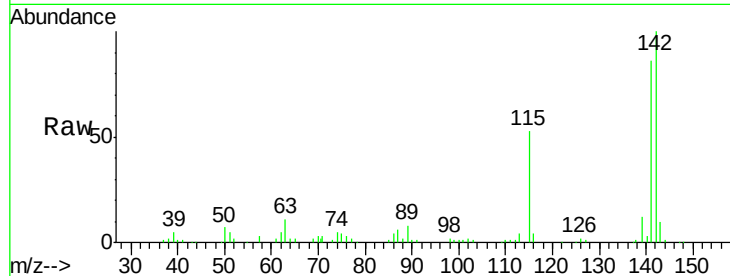
#37  
 2-Methylnaphthalene  
 Concen: 36.07 ng  
 RT: 12.04 min Scan# 1592  
 Delta R.T. -0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB83834BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.2  | 68.6  | 102.8 |
| 115     | 53.4  | 35.3  | 52.9  |

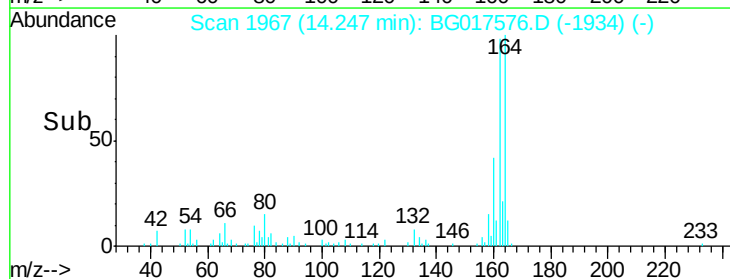
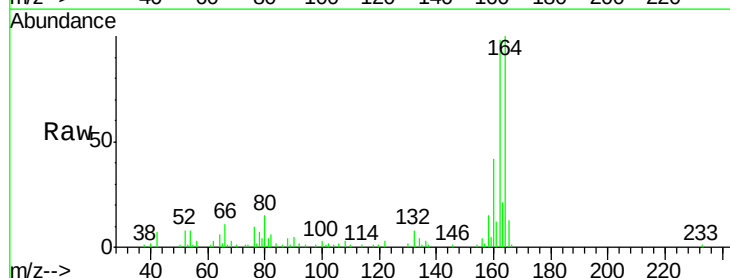
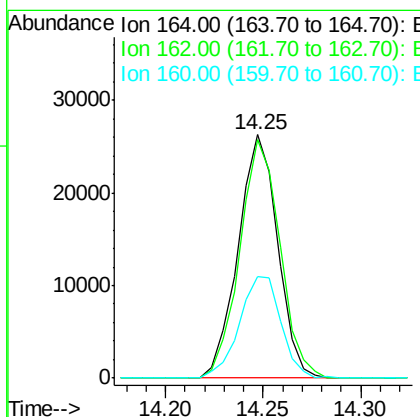
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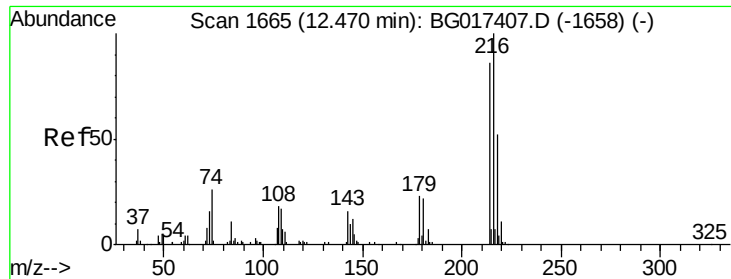
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#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.25 min Scan# 1967  
 Delta R.T. -0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 98.0  | 81.8  | 122.6 |
| 160     | 42.0  | 31.0  | 46.4  |





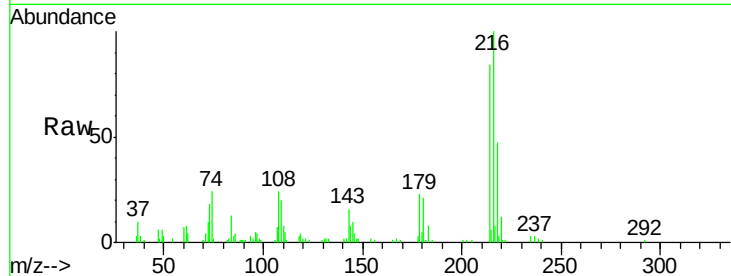
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 35.05 ng  
RT: 12.42 min Scan# 1656  
Delta R.T. -0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

Instrument :  
BNA\_G  
ClientSampleId :  
PB83834BS

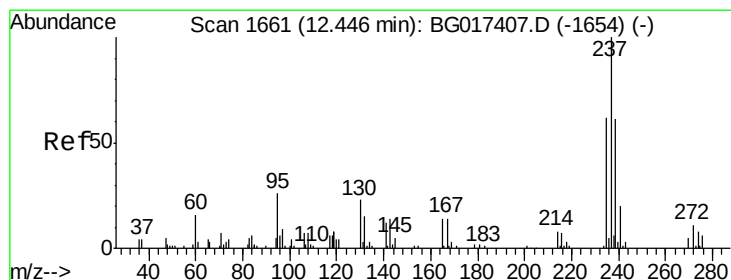
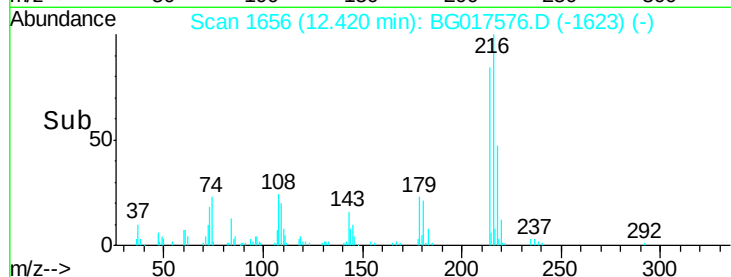
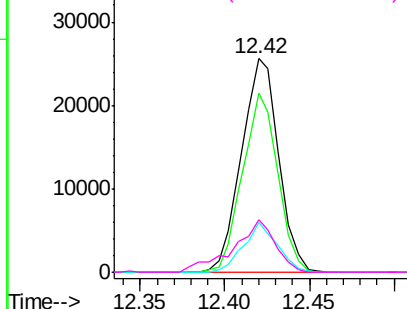
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 216     | 100   | 39207 |       |       |
| 214     | 79.3  | 66.5  | 99.7  |       |
| 179     | 21.2  | 17.3  | 25.9  |       |
| 108     | 27.6  | 18.5  | 27.7  |       |

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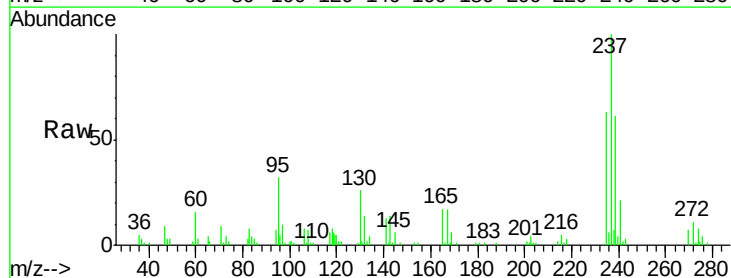


Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E

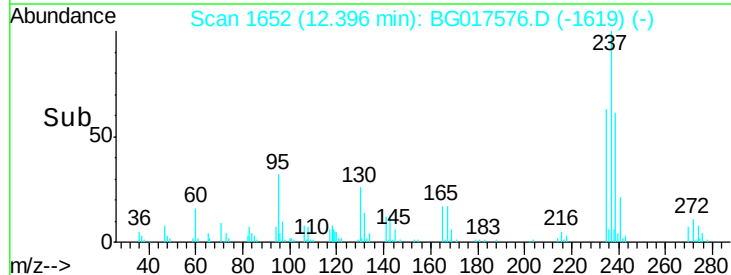
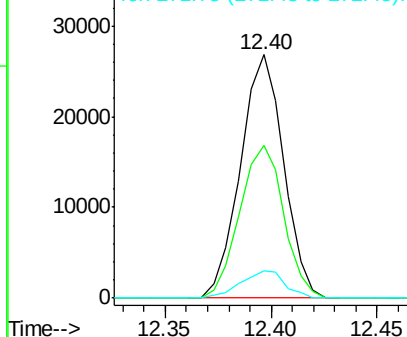


#40  
Hexachlorocyclopentadiene  
Concen: 59.47 ng  
RT: 12.40 min Scan# 1652  
Delta R.T. -0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

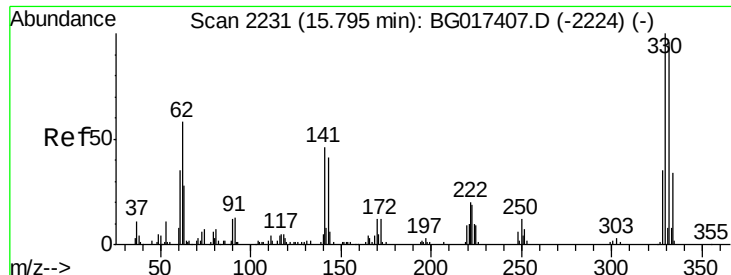
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 237     | 100   | 38002 |       |       |
| 235     | 62.5  | 42.3  | 82.3  |       |
| 272     | 11.0  | 0.0   | 31.2  |       |



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E







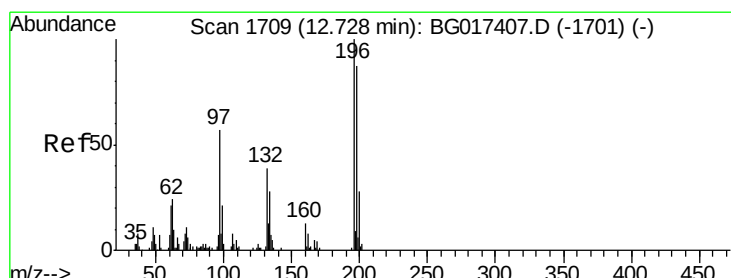
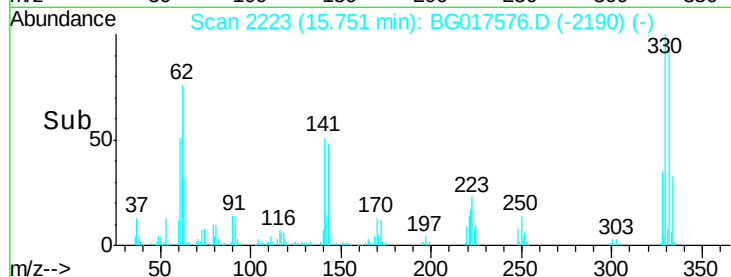
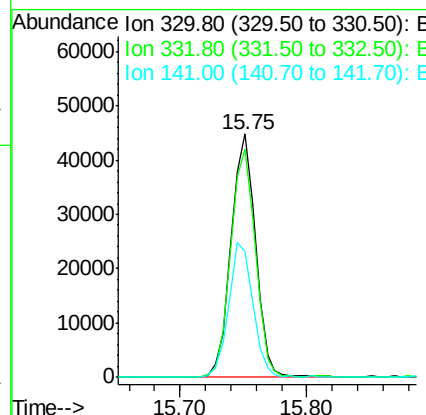
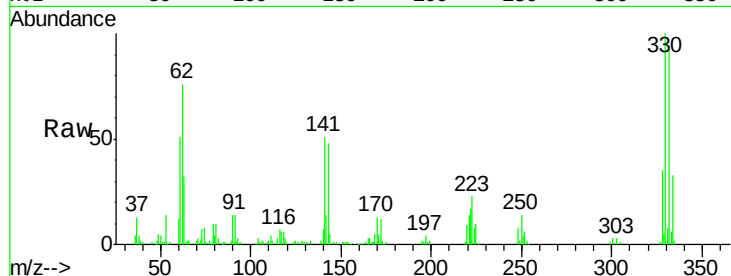
#41  
 2,4,6-Tribromophenol  
 Concen: 117.53 ng  
 RT: 15.75 min Scan# 2223  
 Delta R.T. -0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83834BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 330     | 100   | 60015 |       |       |
| 332     | 93.9  | 75.9  | 113.9 |       |
| 141     | 54.4  | 40.2  | 60.4  |       |

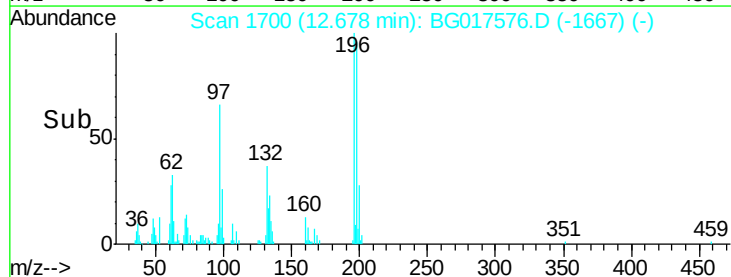
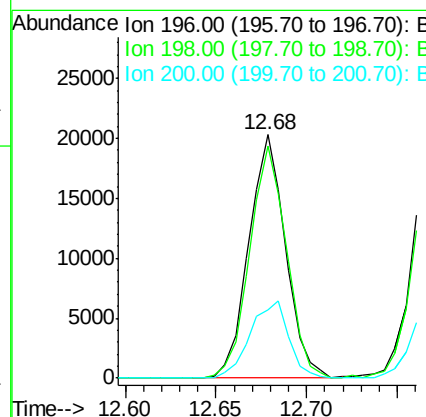
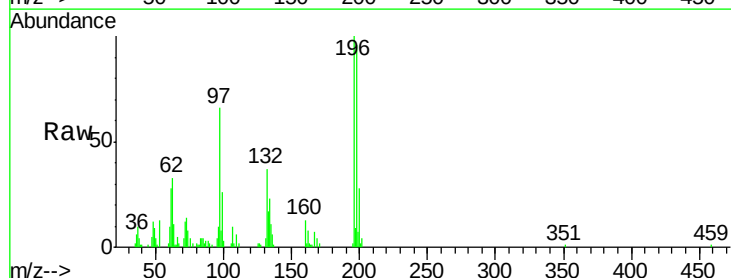
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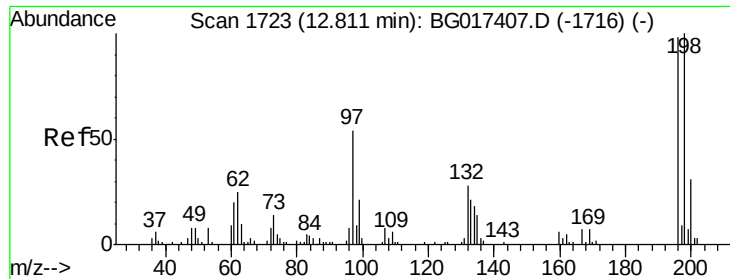
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#42  
 2,4,6-Trichlorophenol  
 Concen: 35.75 ng  
 RT: 12.68 min Scan# 1700  
 Delta R.T. -0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 28636 |       |       |
| 198     | 95.6  | 69.9  | 104.9 |       |
| 200     | 28.1  | 22.7  | 34.1  |       |





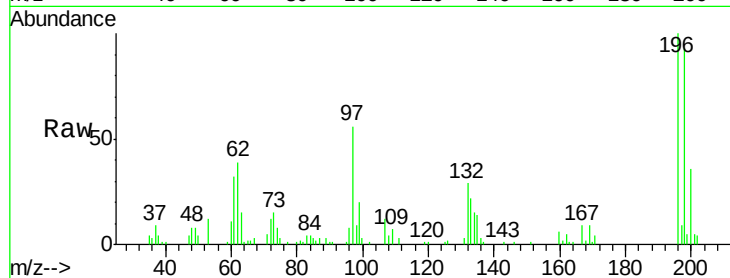
#43  
 2,4,5-Trichlorophenol  
 Concen: 35.14 ng  
 RT: 12.77 min Scan# 1715  
 Delta R.T. -0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83834BS

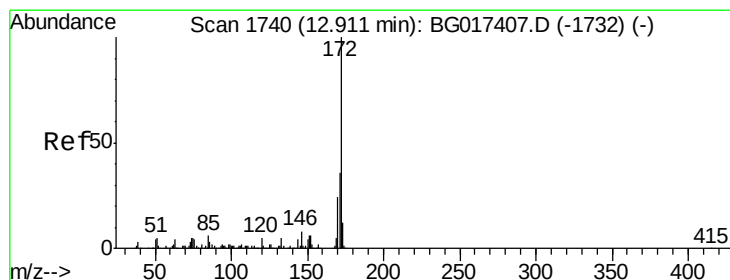
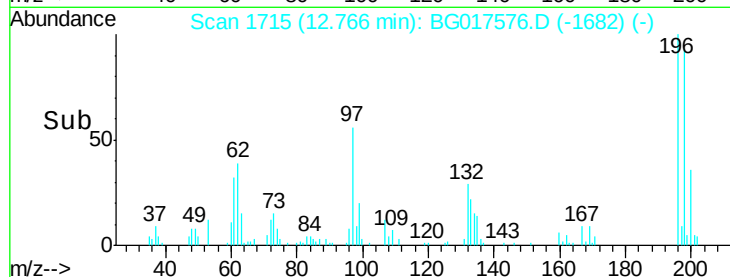
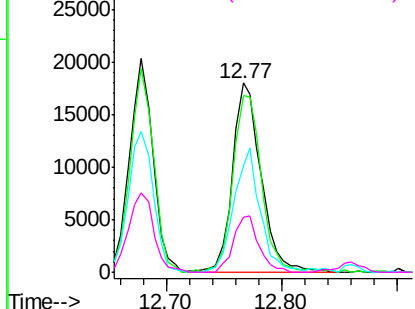
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 30836 |       |       |
| 198     | 93.4  | 80.6  | 121.0 |       |
| 97      | 56.1  | 43.2  | 64.8  |       |
| 132     | 29.0  | 22.3  | 33.5  |       |

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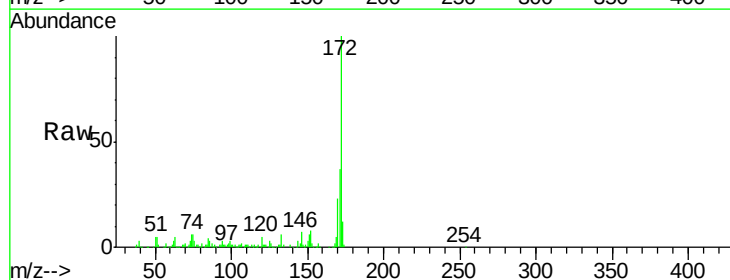


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

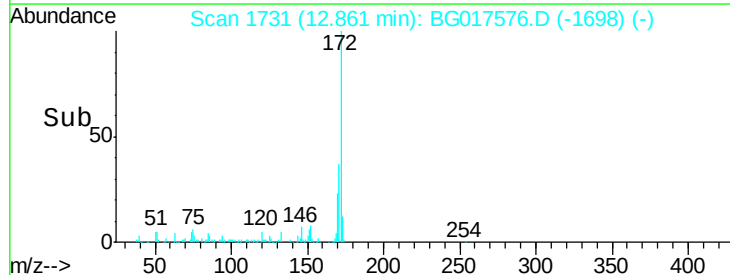
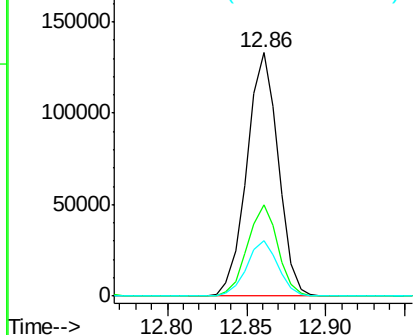


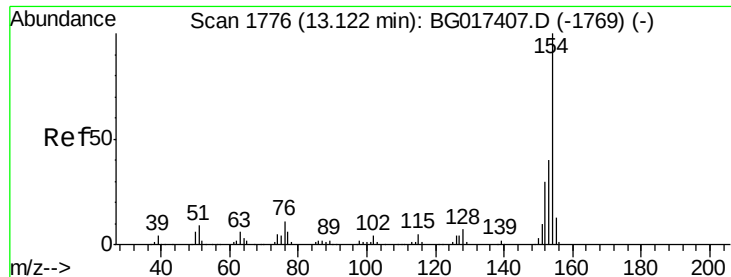
#44  
 2-Fluorobiphenyl  
 Concen: 75.20 ng  
 RT: 12.86 min Scan# 1731  
 Delta R.T. -0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 183276 |       |       |
| 171     | 37.3  | 29.0   | 43.6  |       |
| 170     | 22.8  | 18.9   | 28.3  |       |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 35.76 ng

RT: 13.07 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

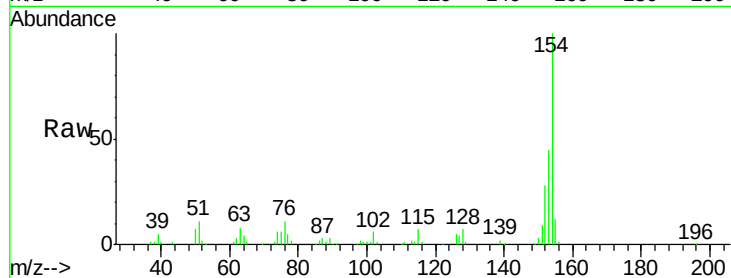
ClientSampleId :

PB83834BS

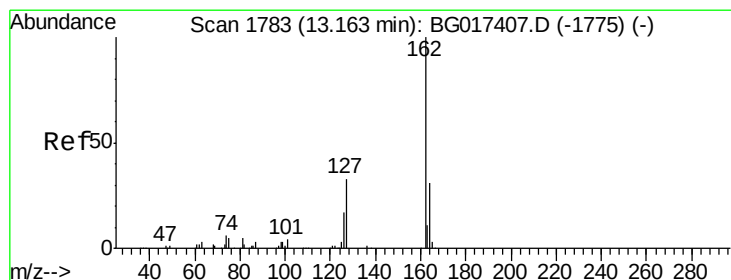
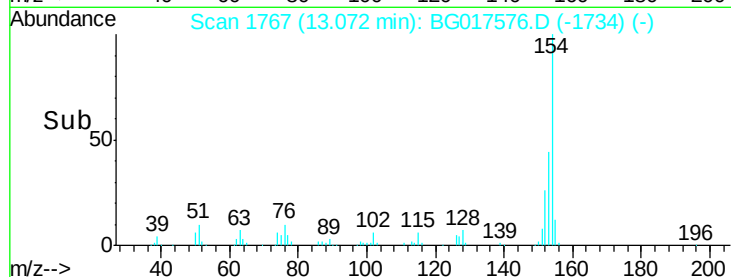
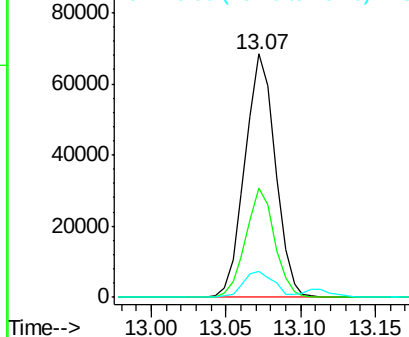
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 154   | Resp: | 96076 |
| Ion Ratio | Lower | Upper |       |
| 154       | 100   |       |       |
| 153       | 44.7  | 20.1  | 60.1  |
| 76        | 10.9  | 0.0   | 31.5  |

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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: 35.03 ng

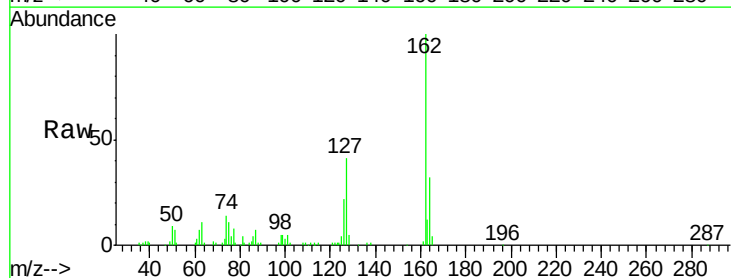
RT: 13.11 min Scan# 1774

Delta R.T. -0.00 min

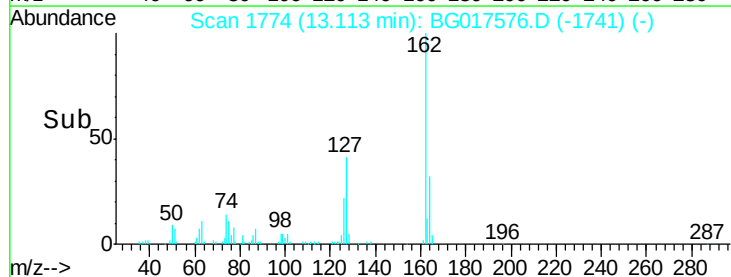
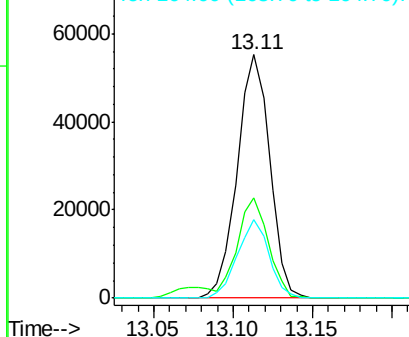
Lab File: BG017576.D

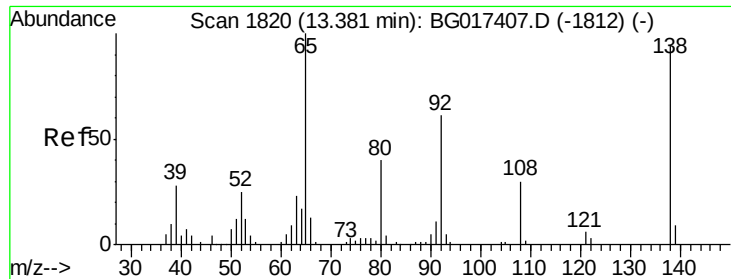
Acq: 9 Jun 2015 16:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 162   | Resp: | 78702 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 127       | 41.4  | 29.4  | 44.2  |
| 164       | 32.5  | 24.9  | 37.3  |



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: 36.08 ng

RT: 13.34 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

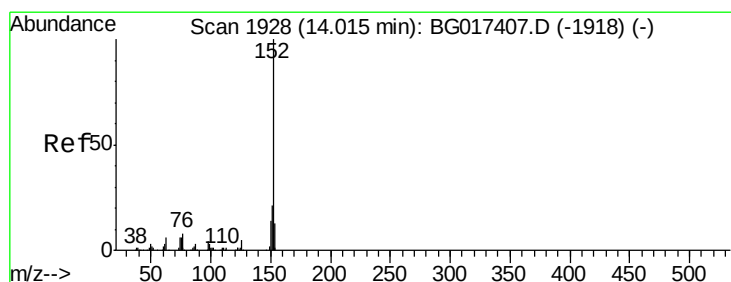
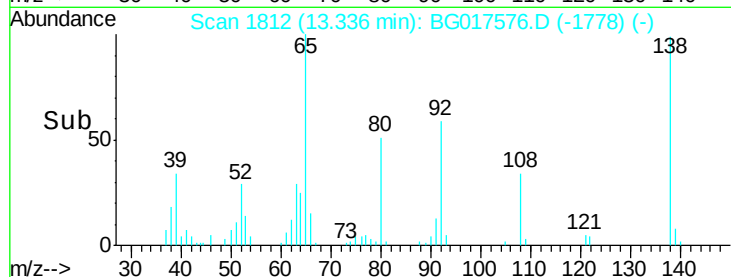
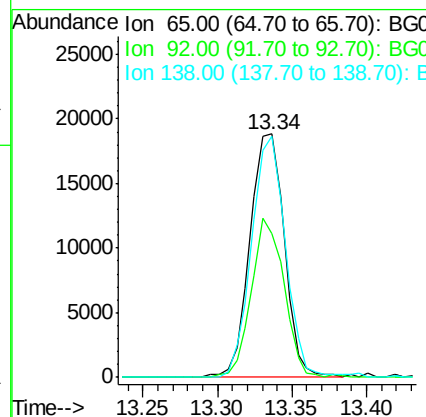
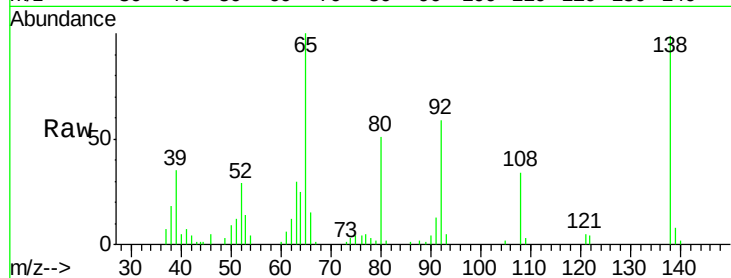
ClientSampleId :

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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 58.9  | 49.1  | 73.7  |
| 138     | 99.2  | 75.4  | 113.0 |

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#48

Acenaphthylene

Concen: 33.42 ng

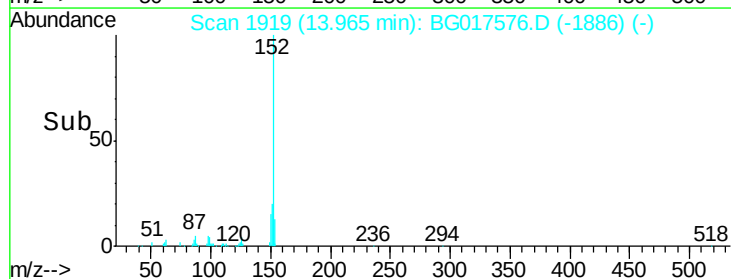
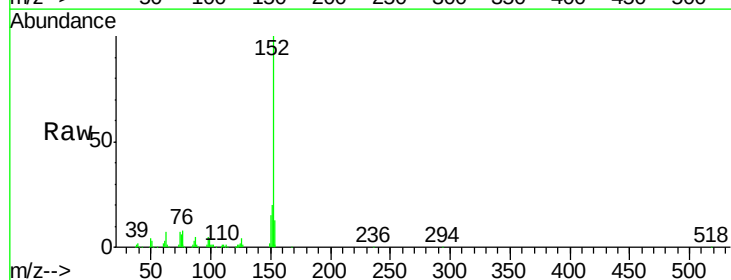
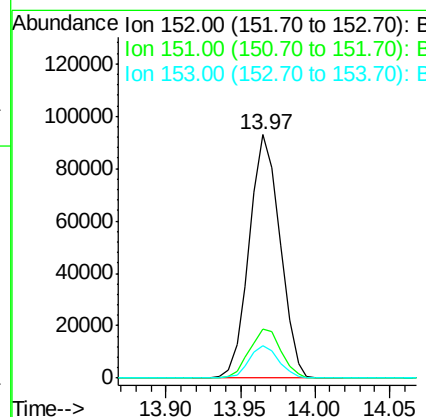
RT: 13.97 min Scan# 1919

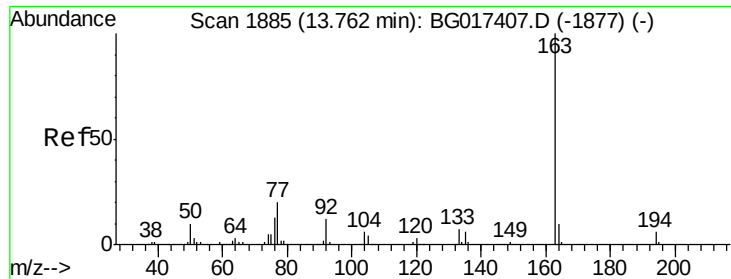
Delta R.T. -0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.1  | 16.5  | 24.7  |
| 153     | 13.4  | 10.7  | 16.1  |





#49

Dimethylphthalate

Concen: 34.98 ng

RT: 13.71 min Scan# 1876

Delta R.T. -0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

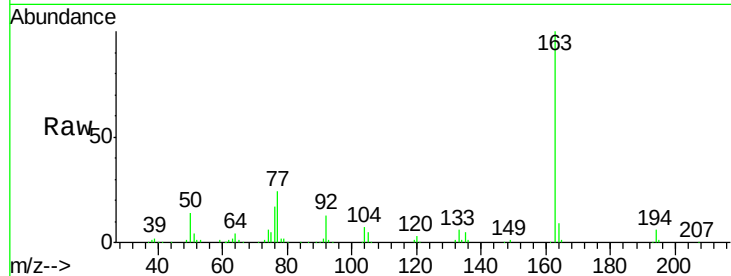
ClientSampleId :

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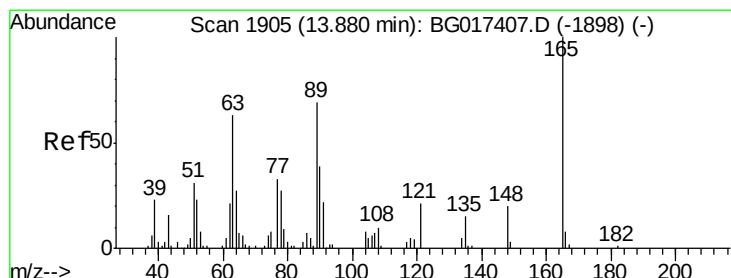
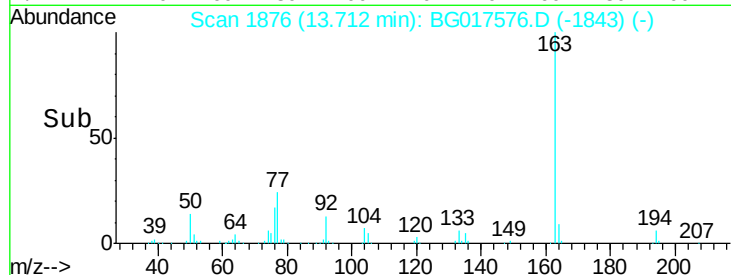
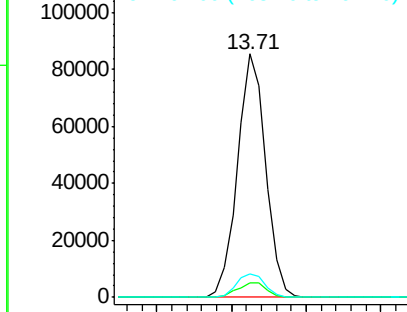
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 111943 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 6.0   | 4.9   | 7.3    |
| 164       | 9.5   | 8.2   | 12.2   |

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



#50

2,6-Dinitrotoluene

Concen: 33.33 ng

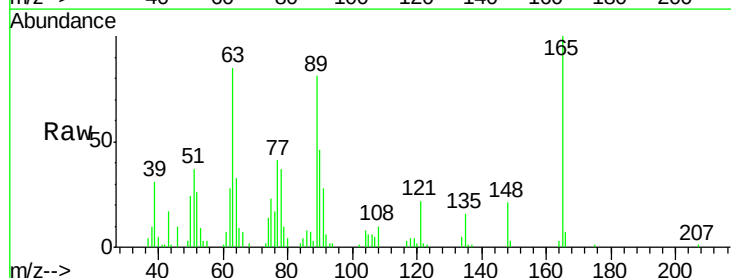
RT: 13.84 min Scan# 1897

Delta R.T. -0.00 min

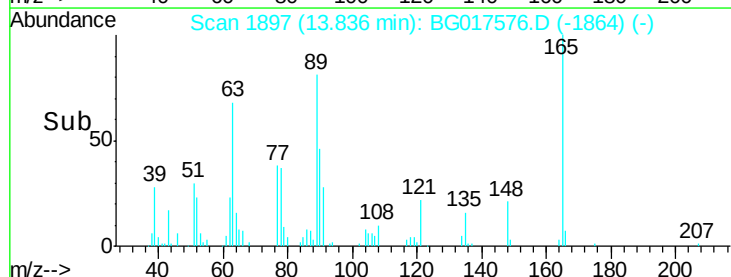
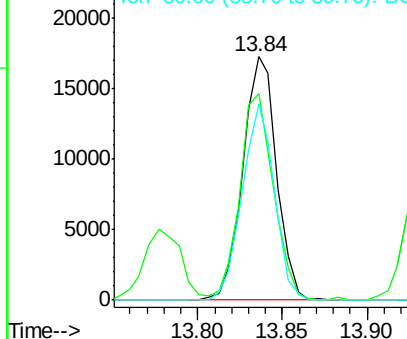
Lab File: BG017576.D

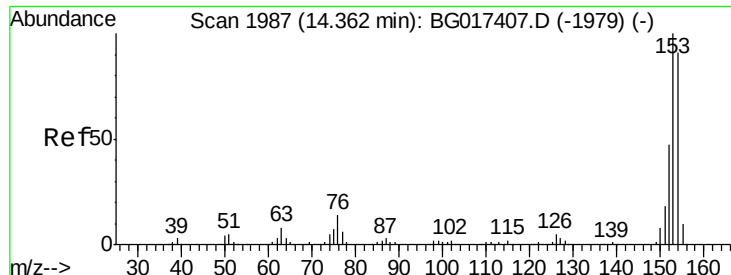
Acq: 9 Jun 2015 16:45

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 23965 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 84.7  | 53.7  | 80.5# |
| 89        | 80.5  | 55.4  | 83.2  |



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





#51

Acenaphthene

Concen: 32.64 ng

RT: 14.31 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BG017576.D

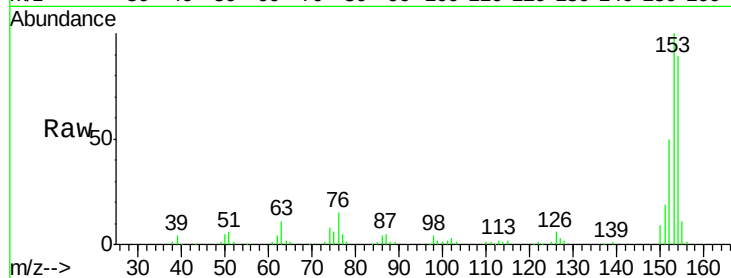
Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

ClientSampleId :

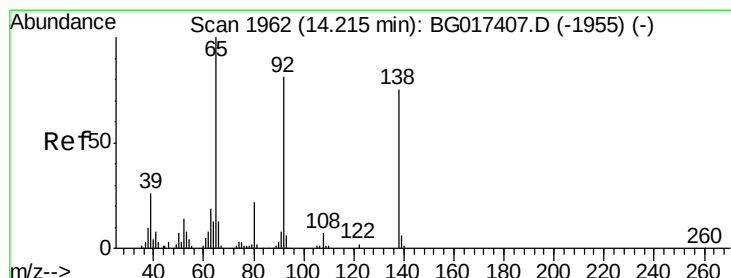
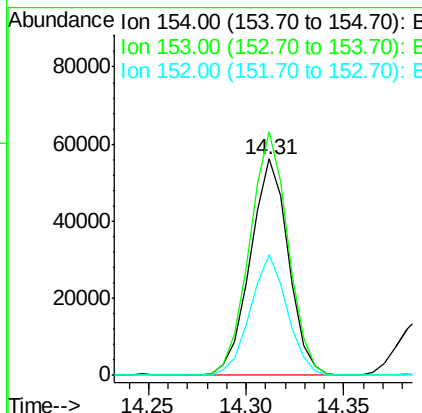
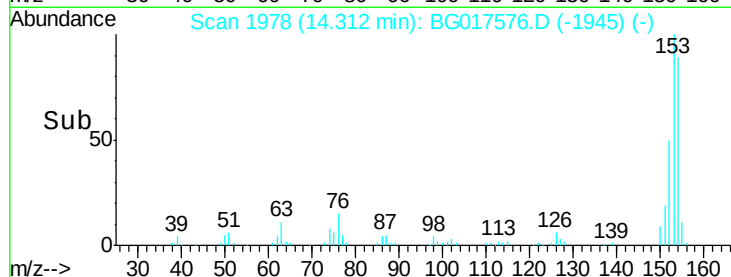
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.4 | 87.7  | 131.5 |
| 152     | 55.8  | 40.8  | 61.2  |

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#52

3-Nitroaniline

Concen: 19.67 ng

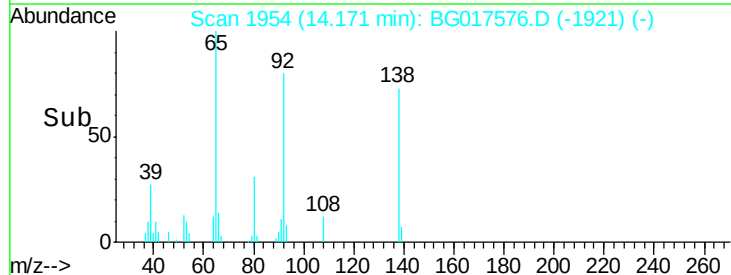
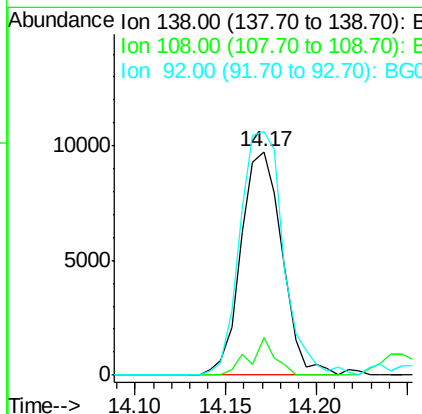
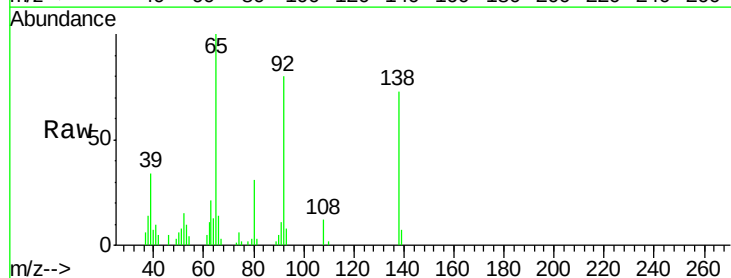
RT: 14.17 min Scan# 1954

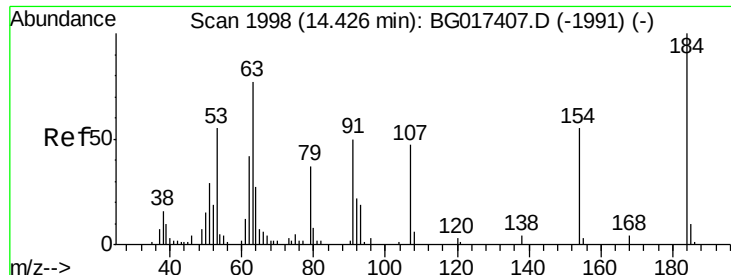
Delta R.T. -0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 16.6  | 7.5   | 11.3# |
| 92      | 109.0 | 87.0  | 130.4 |





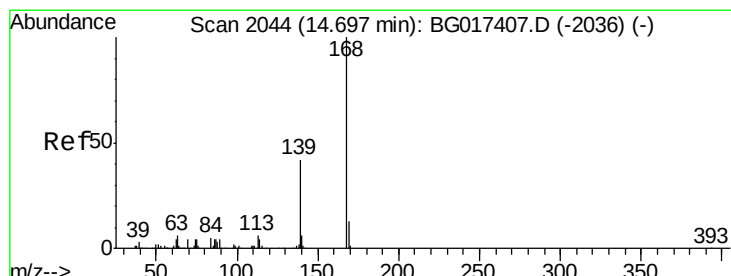
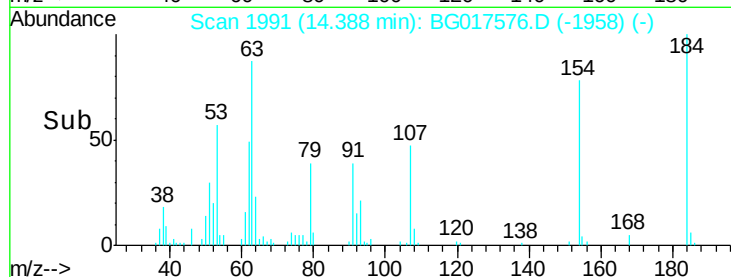
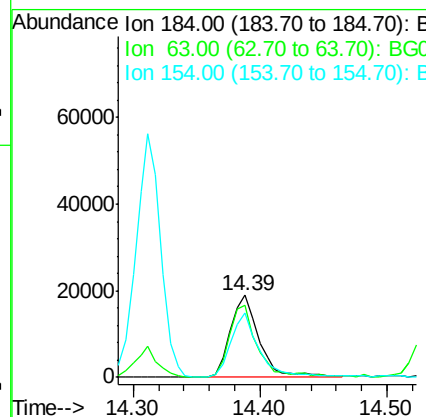
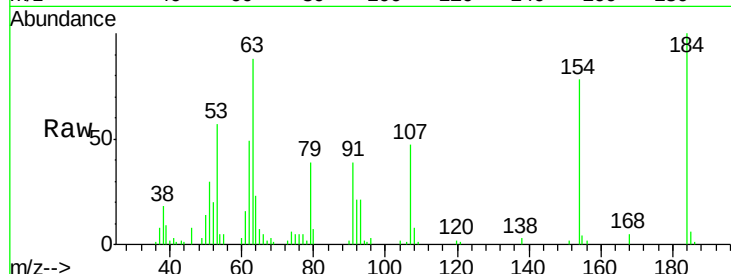
#53  
2,4-Dinitrophenol  
Concen: 67.71 ng  
RT: 14.39 min Scan# 1991  
Delta R.T. -0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

Instrument :  
BNA\_G  
ClientSampleId :  
PB83834BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 30020 |       |       |
| 63      | 87.8  | 61.5  | 92.3  |       |
| 154     | 77.8  | 53.8  | 80.8  |       |

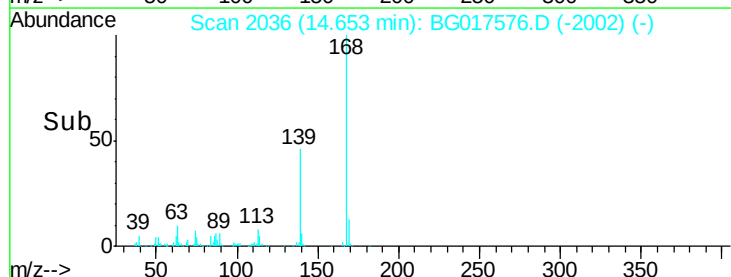
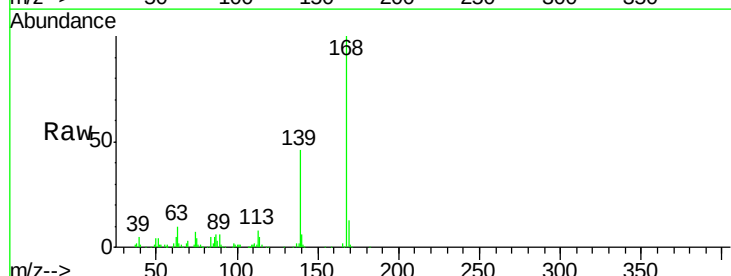
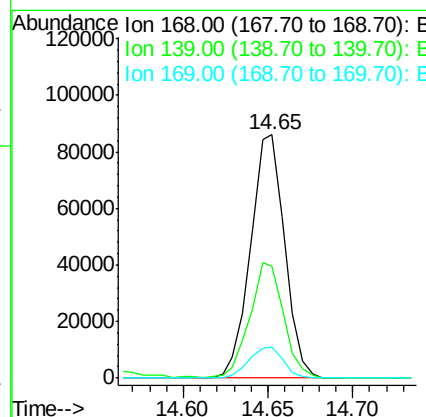
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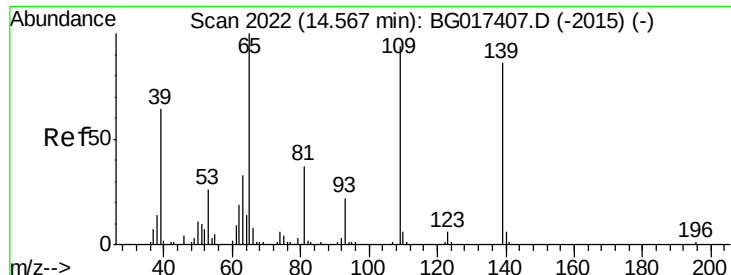
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#54  
Dibenzofuran  
Concen: 35.11 ng  
RT: 14.65 min Scan# 2036  
Delta R.T. 0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 120842 |       |       |
| 139     | 45.7  | 33.2   | 49.8  |       |
| 169     | 12.8  | 10.6   | 16.0  |       |





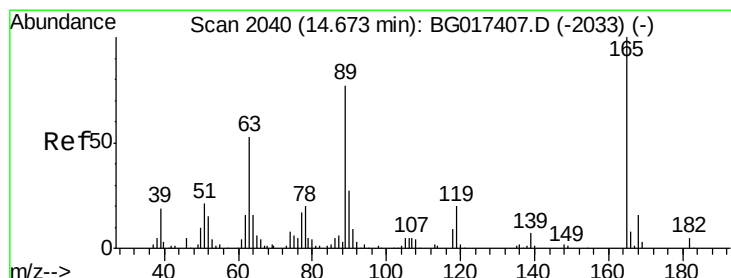
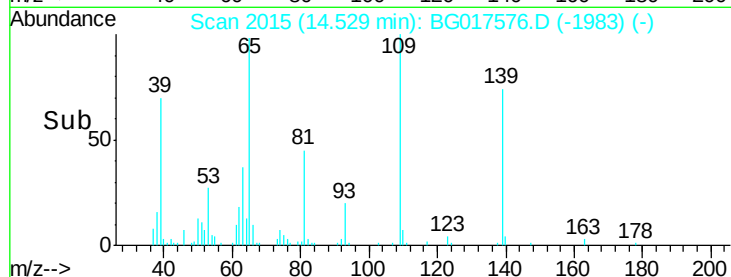
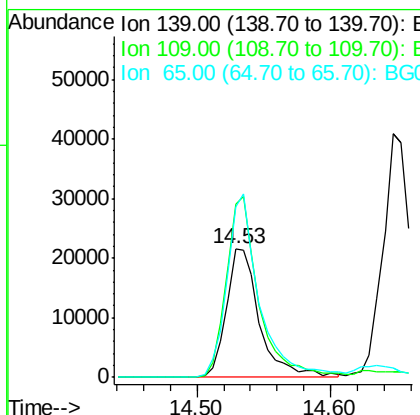
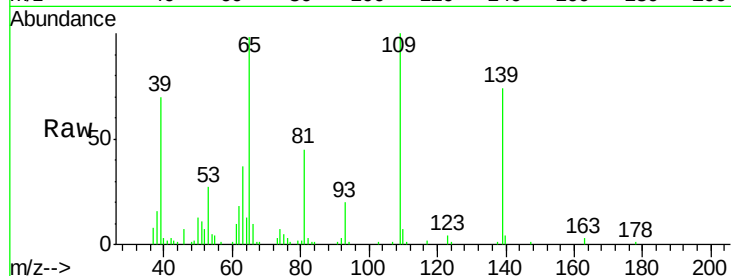
#55  
4-Nitrophenol  
Concen: 60.78 ng  
RT: 14.53 min Scan# 2015  
Delta R.T. -0.01 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

Instrument :  
BNA\_G  
ClientSampleId :  
PB83834BS

Tgt Ion:139 Resp: 37644  
Ion Ratio Lower Upper  
139 100  
109 134.4 89.5 129.5#  
65 132.2 95.9 135.9

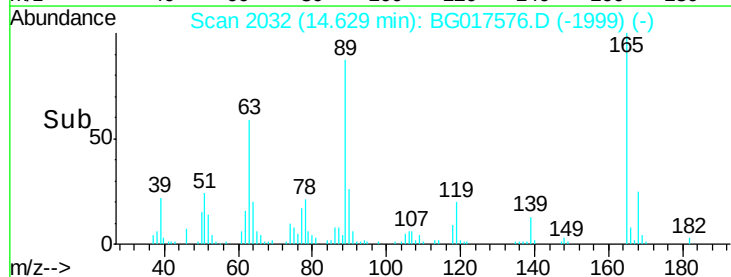
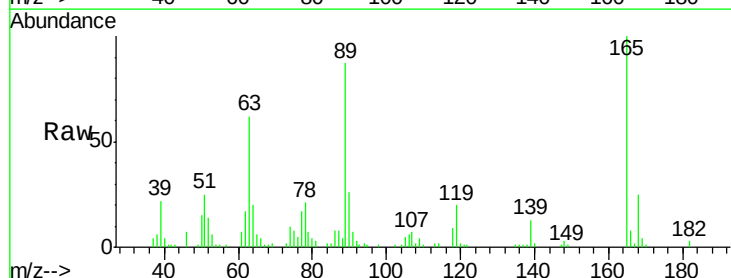
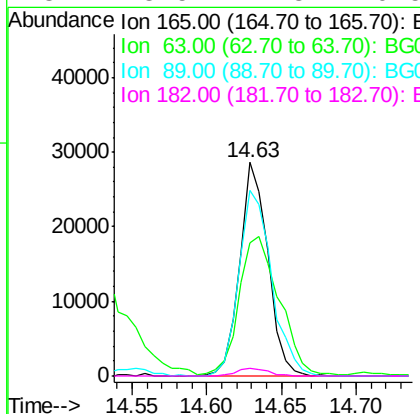
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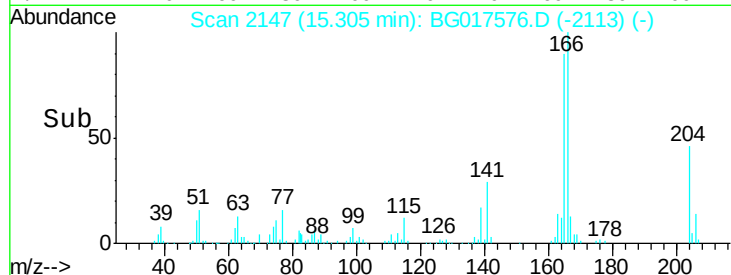
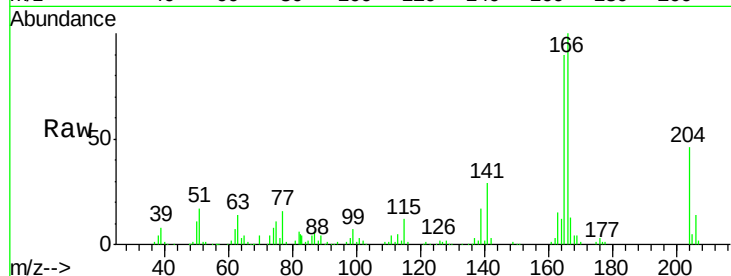
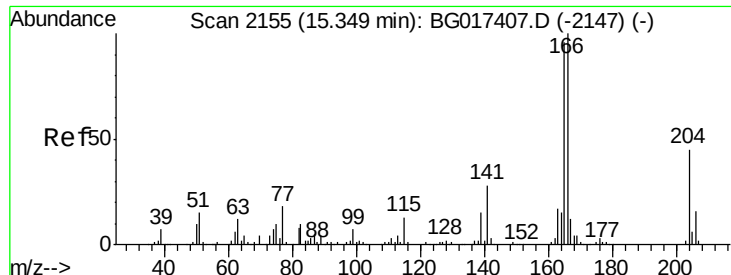


#56  
2,4-Dinitrotoluene  
Concen: 36.49 ng  
RT: 14.63 min Scan# 2032  
Delta R.T. -0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

Tgt Ion:165 Resp: 37371  
Ion Ratio Lower Upper  
165 100  
63 62.1 42.9 64.3  
89 86.8 61.5 92.3  
182 3.5 4.3 6.5#







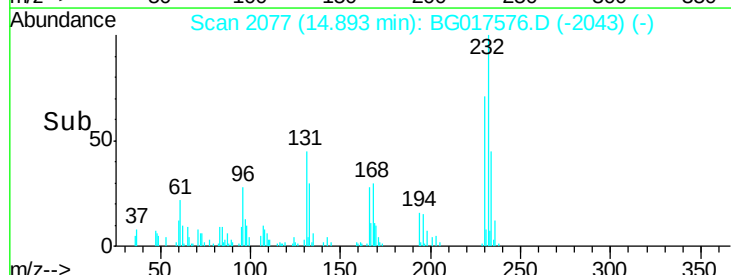
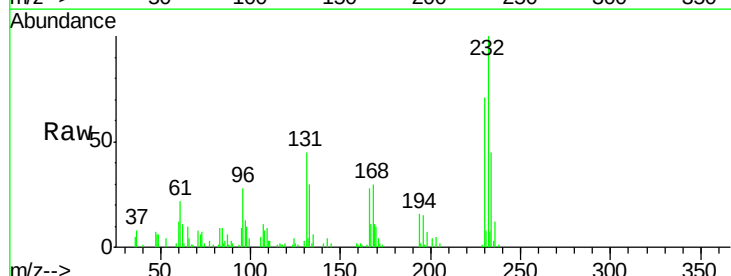
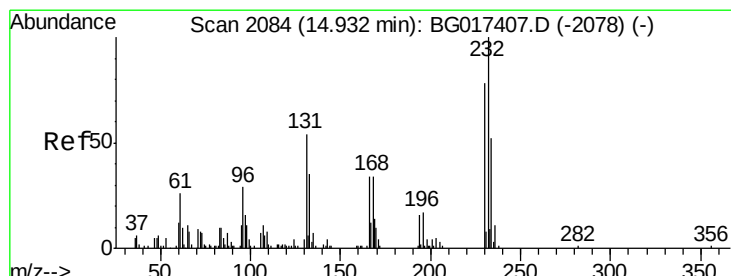
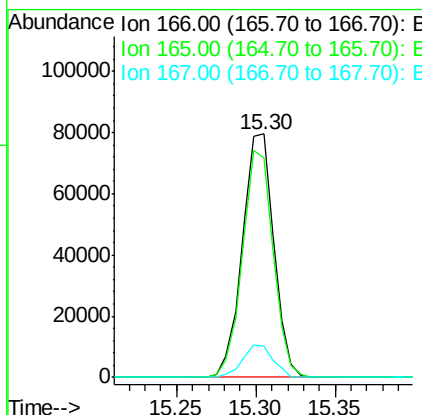
#57  
 Fluorene  
 Concen: 35.10 ng  
 RT: 15.30 min Scan# 2147  
 Delta R.T. 0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB83834BS

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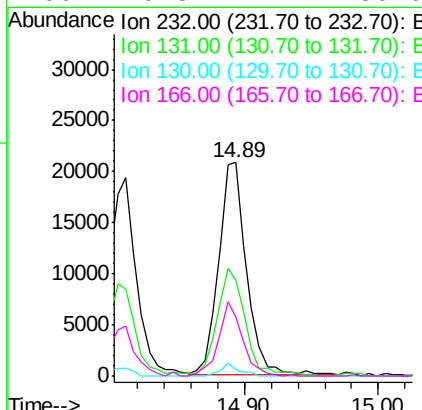
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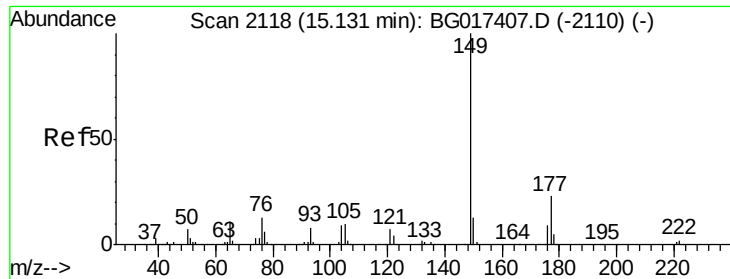
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 109546 |       |       |
| 165     | 90.1  | 76.8   | 115.2 |       |
| 167     | 12.6  | 9.9    | 14.9  |       |



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.21 ng  
 RT: 14.89 min Scan# 2077  
 Delta R.T. 0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 232     | 100   | 30582 |       |       |
| 131     | 51.4  | 40.1  | 60.1  |       |
| 130     | 3.9   | 2.6   | 4.0   |       |
| 166     | 29.8  | 24.4  | 36.6  |       |





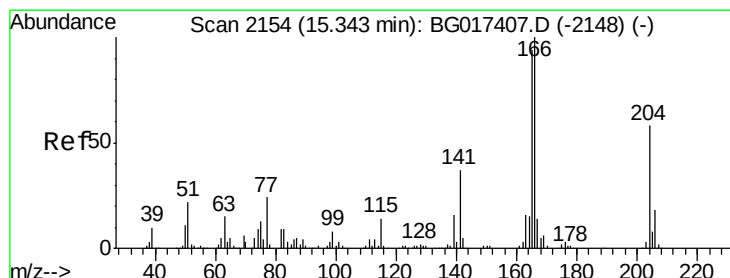
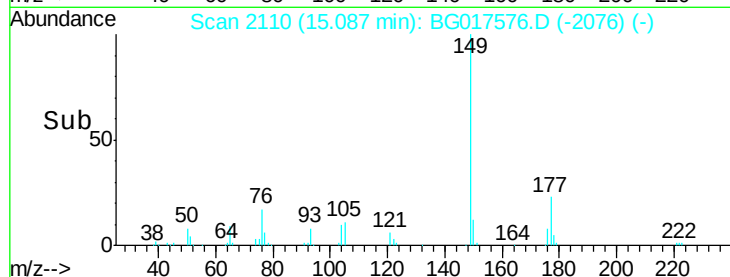
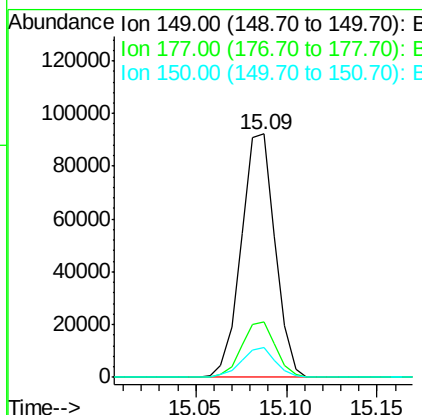
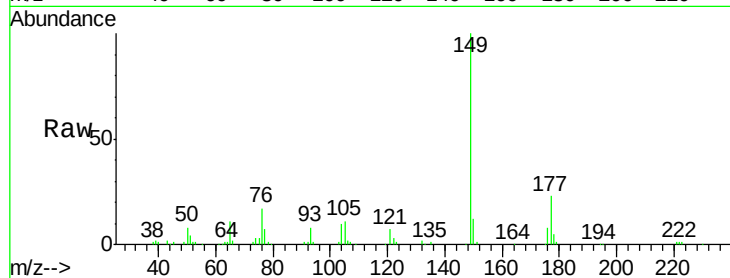
#59  
Diethylphthalate  
Concen: 34.45 ng  
RT: 15.09 min Scan# 2110  
Delta R.T. 0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

Instrument :  
BNA\_G  
ClientSampleId :  
PB83834BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 119655 |       |       |
| 177     | 23.0  | 18.3   | 27.5  |       |
| 150     | 12.5  | 10.6   | 16.0  |       |

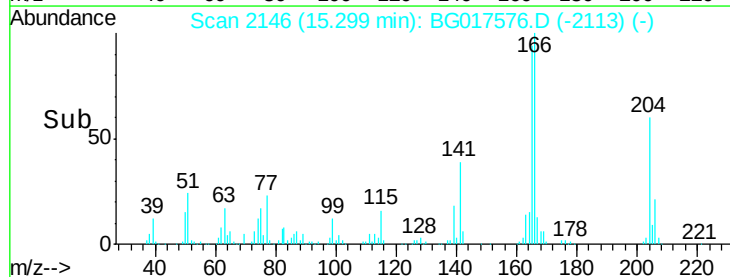
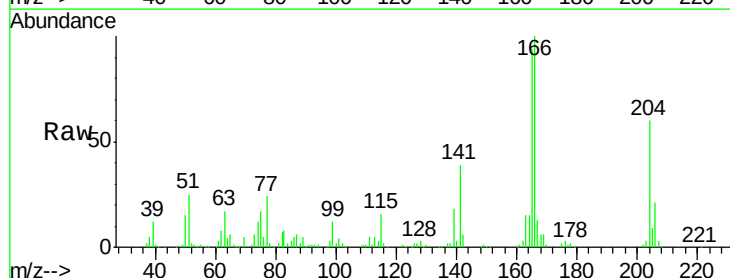
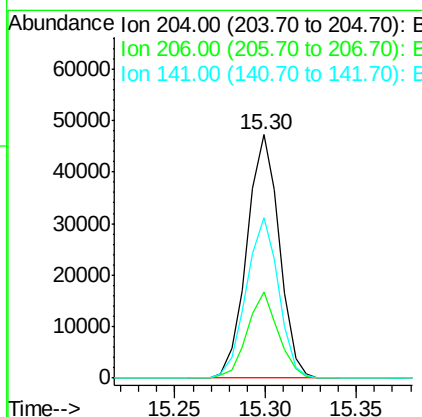
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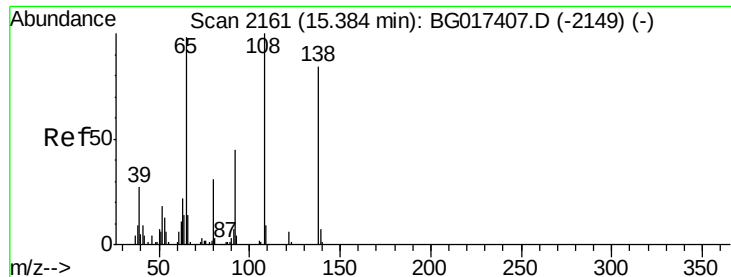
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#60  
4-Chlorophenyl-phenylether  
Concen: 36.94 ng  
RT: 15.30 min Scan# 2146  
Delta R.T. -0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 204     | 100   | 58424 |       |       |
| 206     | 35.4  | 25.0  | 37.4  |       |
| 141     | 65.6  | 50.9  | 76.3  |       |





#61

4-Nitroaniline

Concen: 29.93 ng

RT: 15.34 min Scan# 2153

Delta R.T. -0.00 min

Lab File: BG017576.D

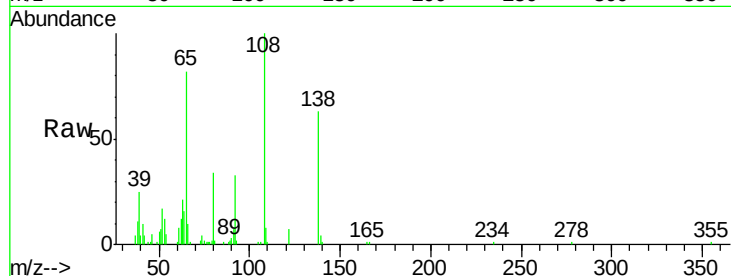
Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

ClientSampleId :

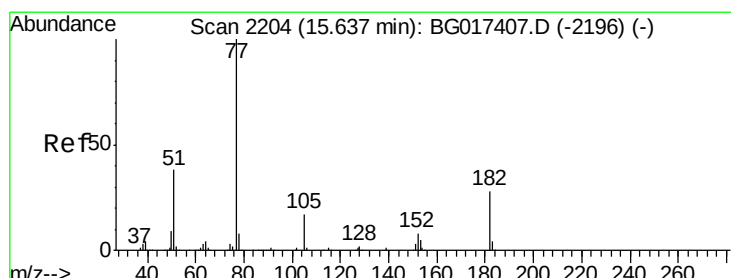
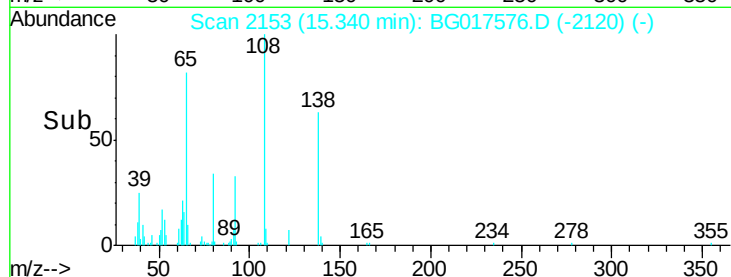
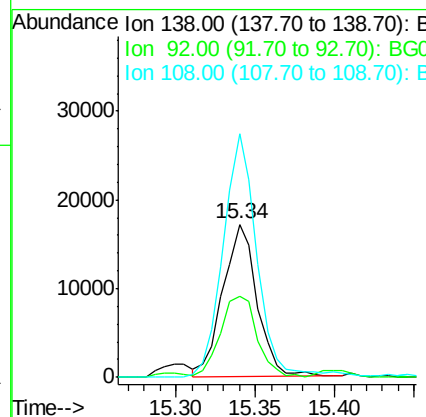
PB83834BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 25663  |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 52.7  | 33.7  | 73.7   |
| 108       | 158.8 | 98.7  | 138.7# |

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#62

Azobenzene

Concen: 36.06 ng

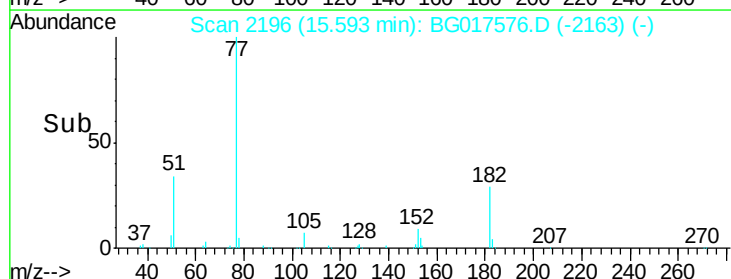
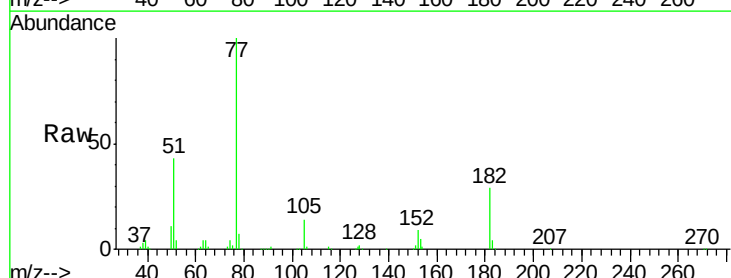
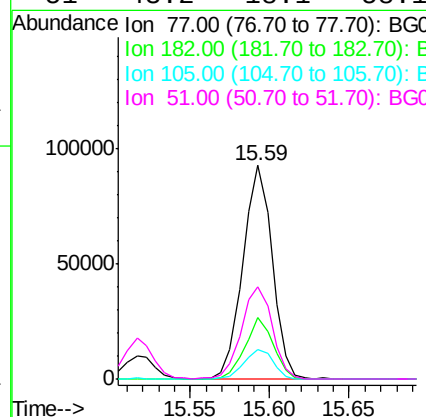
RT: 15.59 min Scan# 2196

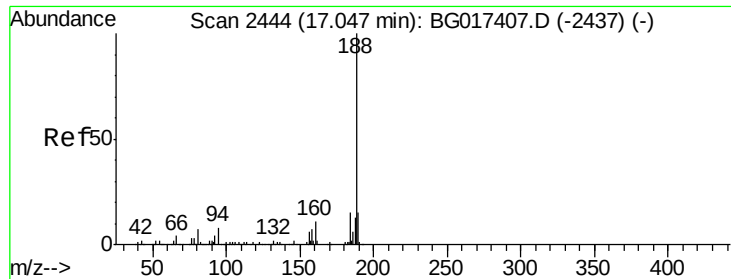
Delta R.T. -0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 119061 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 28.7  | 8.0   | 48.0   |
| 105       | 13.8  | 0.0   | 36.9   |
| 51        | 43.2  | 18.1  | 58.1   |





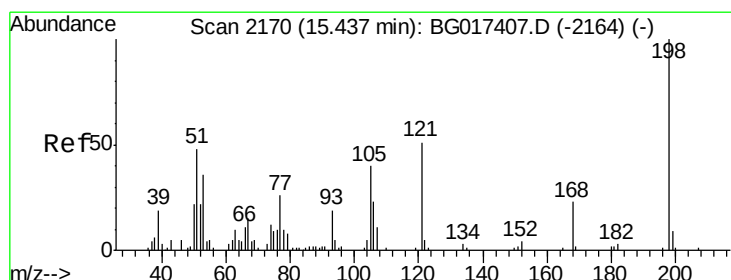
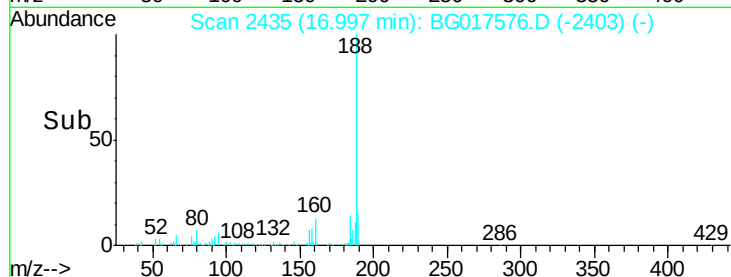
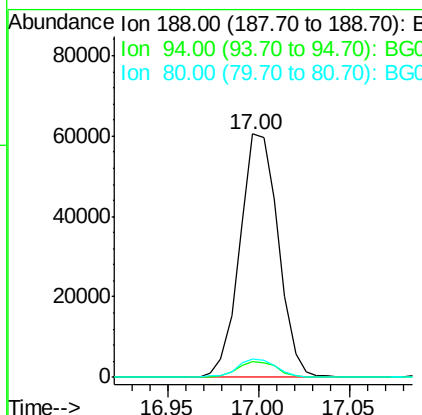
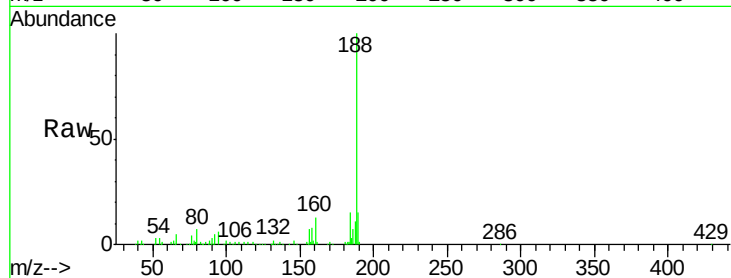
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.00 min Scan# 2435  
Delta R.T. -0.01 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

Instrument :  
BNA\_G  
ClientSampleId :  
PB83834BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 188     | 100   | 88900 |       |       |
| 94      | 6.3   | 6.3   | 9.5#  |       |
| 80      | 7.3   | 5.2   | 7.8   |       |

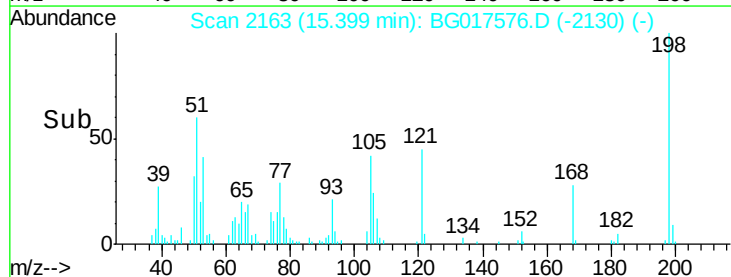
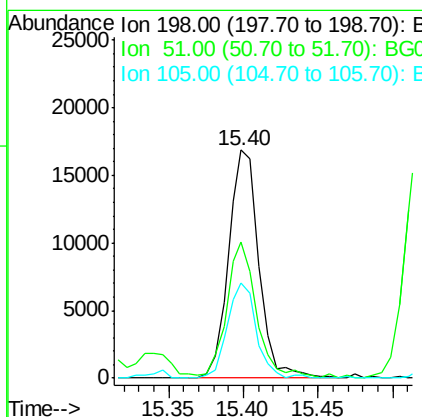
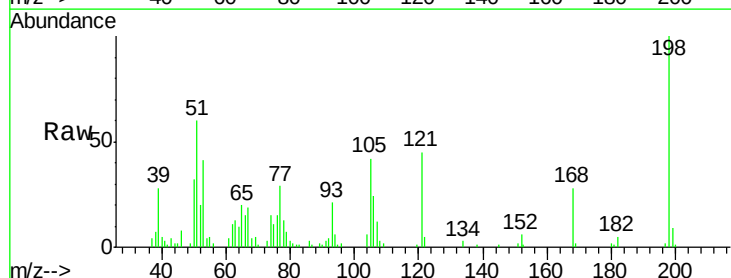
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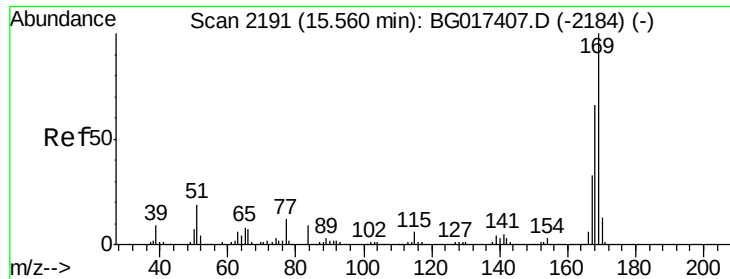
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#64  
4,6-Dinitro-2-methylphenol  
Concen: 36.43 ng  
RT: 15.40 min Scan# 2163  
Delta R.T. -0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 24010 |       |       |
| 51      | 59.7  | 30.3  | 70.3  |       |
| 105     | 41.7  | 20.8  | 60.8  |       |





#65

n-Nitrosodiphenylamine

Concen: 36.64 ng

RT: 15.52 min Scan# 2183

Delta R.T. -0.00 min

Lab File: BG017576.D

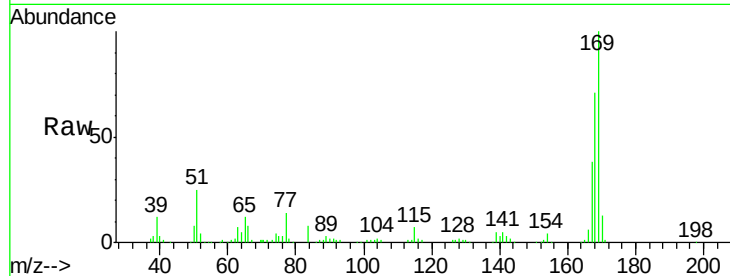
Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

ClientSampleId :

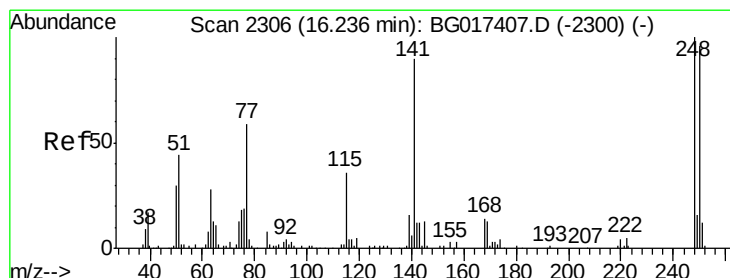
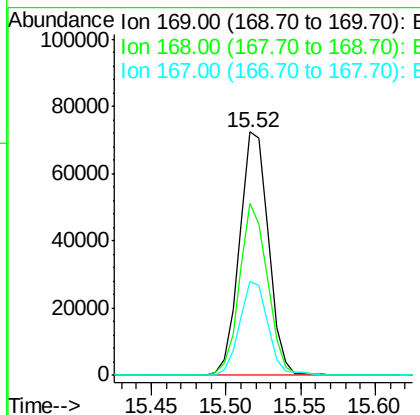
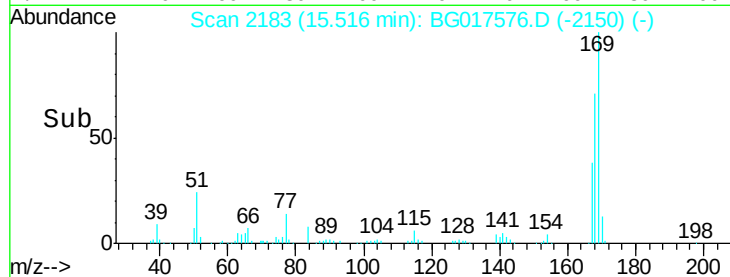
PB83834BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 70.6  | 52.4  | 78.6  |
| 167     | 38.5  | 26.3  | 39.5  |

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#66

4-Bromophenyl-phenylether

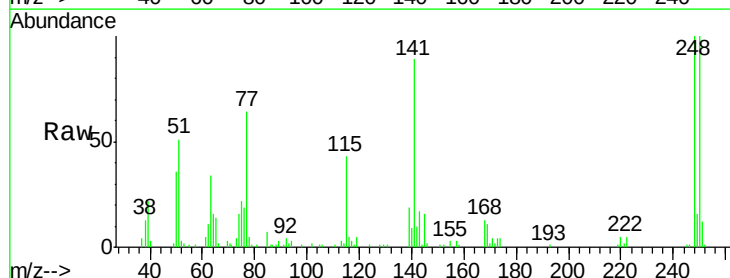
Concen: 37.28 ng

RT: 16.19 min Scan# 2298

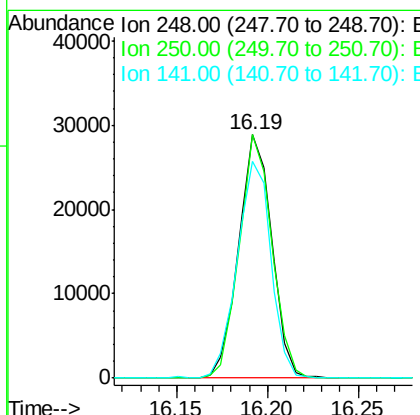
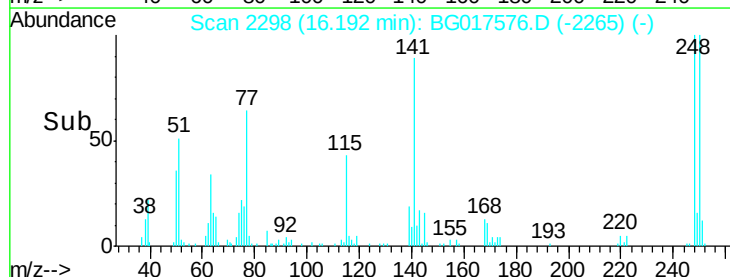
Delta R.T. -0.00 min

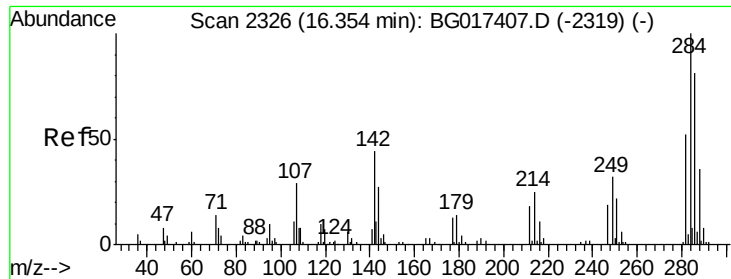
Lab File: BG017576.D

Acq: 9 Jun 2015 16:45



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.9  | 76.9  | 115.3 |
| 141     | 89.0  | 71.8  | 107.6 |





#67

Hexachlorobenzene

Concen: 36.35 ng

RT: 16.31 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BG017576.D

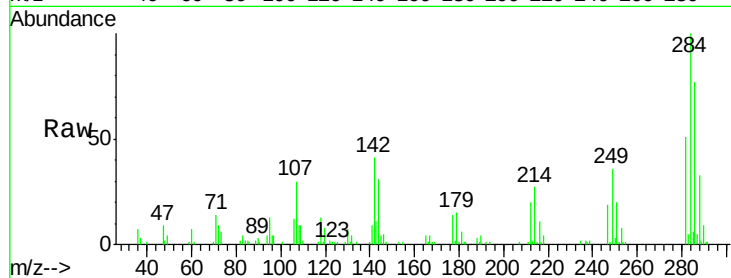
Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

ClientSampleId :

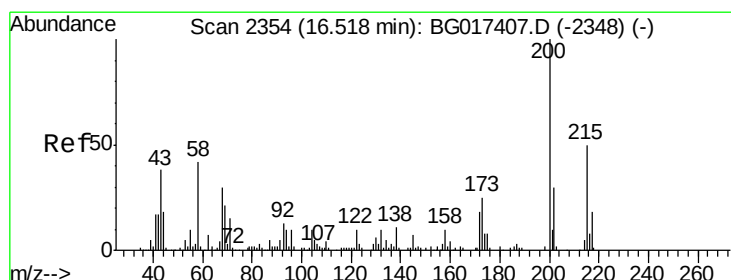
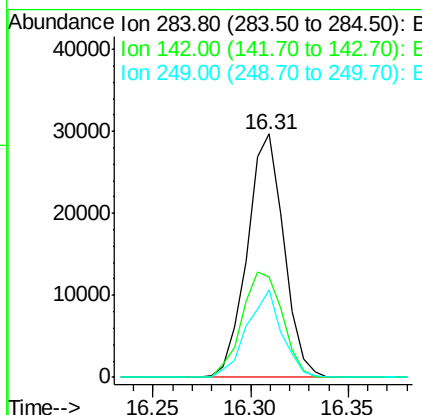
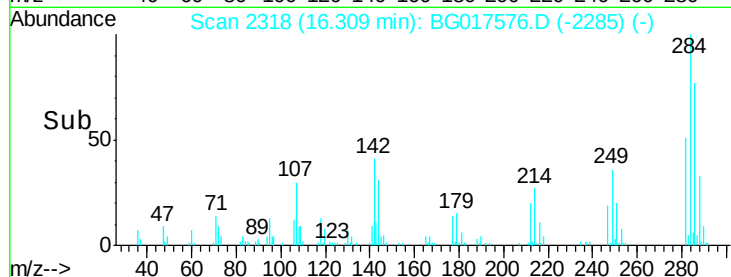
PB83834BS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 284   | Resp: | 38460 |
| Ion Ratio | Lower | Upper |       |
| 284       | 100   |       |       |
| 142       | 41.1  | 35.2  | 52.8  |
| 249       | 36.0  | 25.9  | 38.9  |

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#68

Atrazine

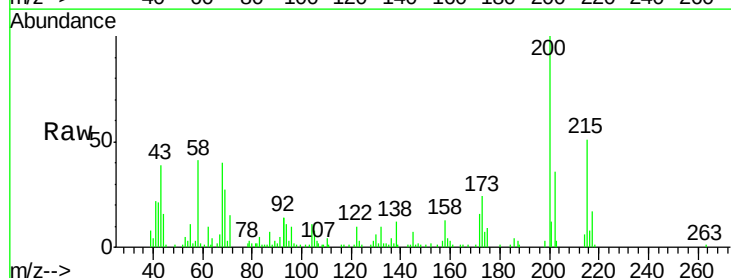
Concen: 37.41 ng

RT: 16.47 min Scan# 2346

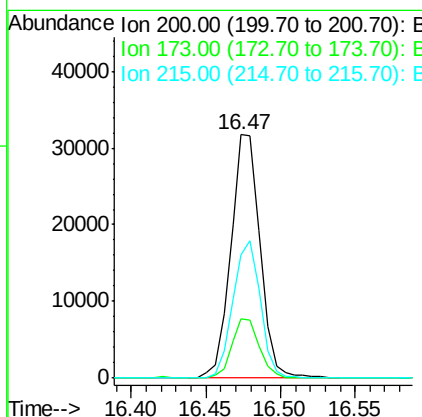
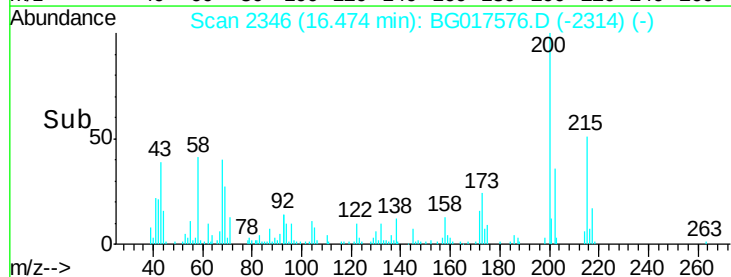
Delta R.T. -0.01 min

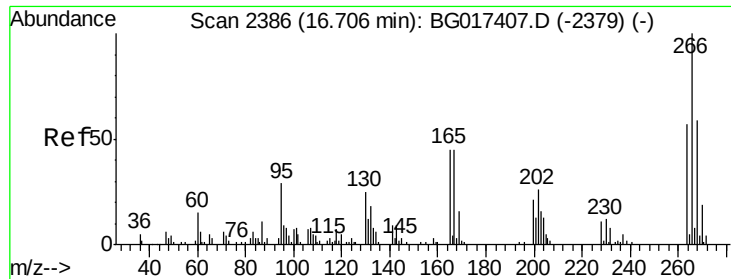
Lab File: BG017576.D

Acq: 9 Jun 2015 16:45



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 200   | Resp: | 43654 |
| Ion Ratio | Lower | Upper |       |
| 200       | 100   |       |       |
| 173       | 24.3  | 4.9   | 44.9  |
| 215       | 50.6  | 30.1  | 70.1  |





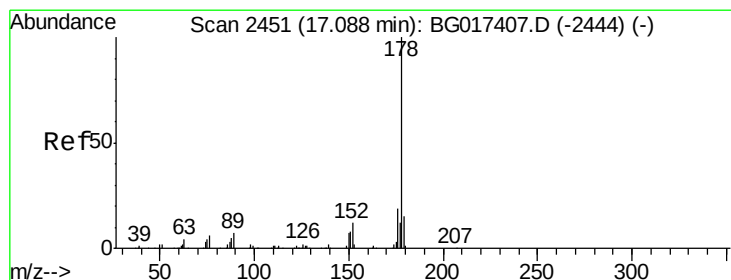
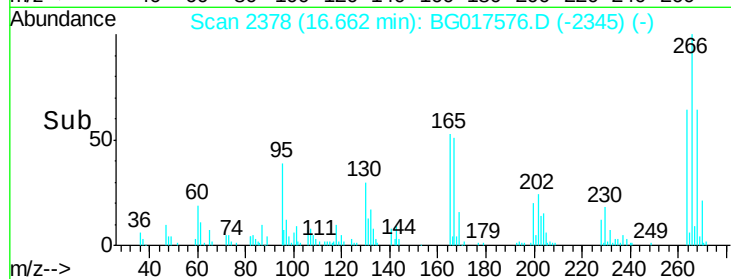
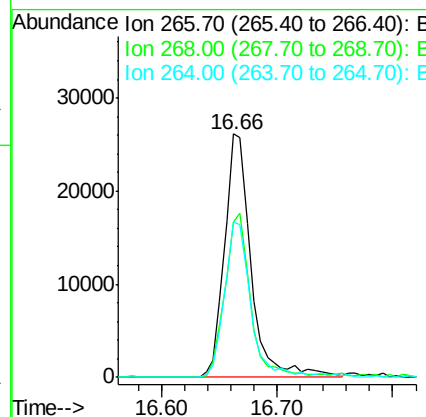
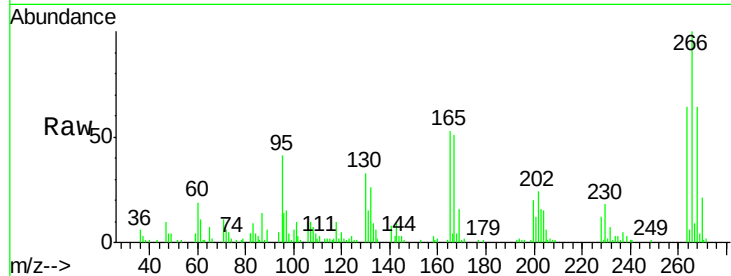
#69  
 Pentachlorophenol  
 Concen: 65.49 ng  
 RT: 16.66 min Scan# 2378  
 Delta R.T. -0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83834BS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 266     | 100   | 41714 |       |       |
| 268     | 64.0  | 47.0  | 70.6  |       |
| 264     | 64.0  | 45.7  | 68.5  |       |

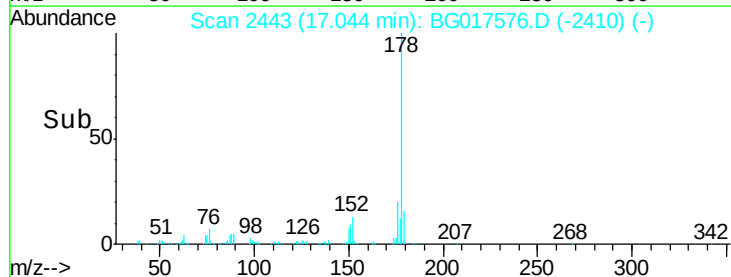
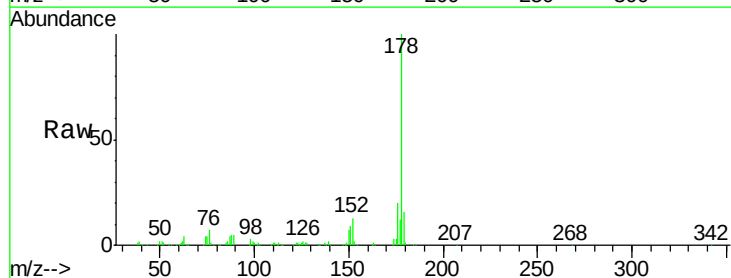
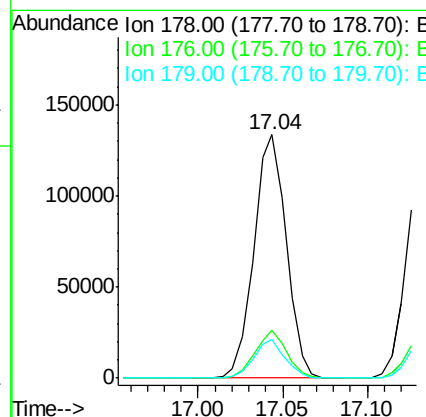
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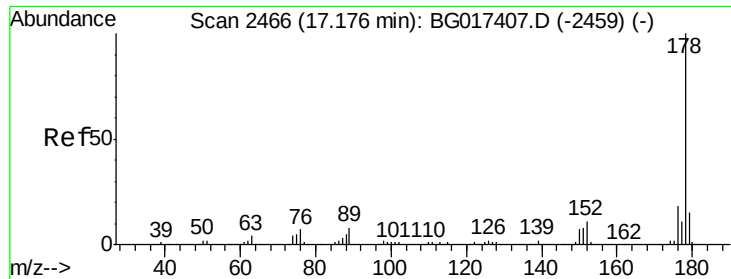
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#70  
 Phenanthrene  
 Concen: 35.94 ng  
 RT: 17.04 min Scan# 2443  
 Delta R.T. -0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 178130 |       |       |
| 176     | 19.7  | 15.6   | 23.4  |       |
| 179     | 15.8  | 12.2   | 18.2  |       |





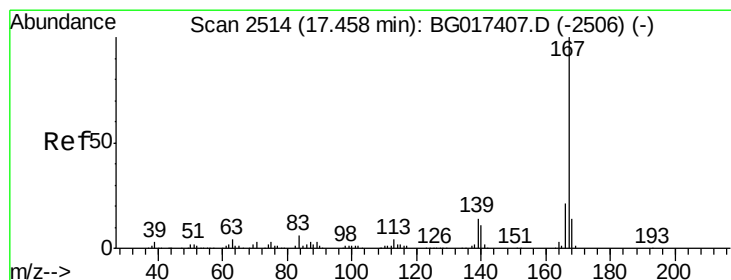
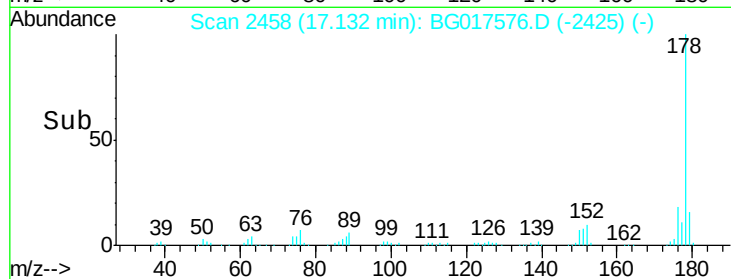
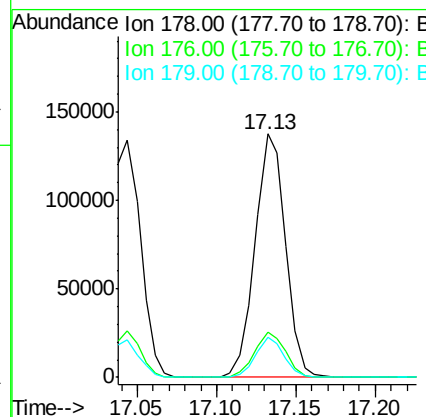
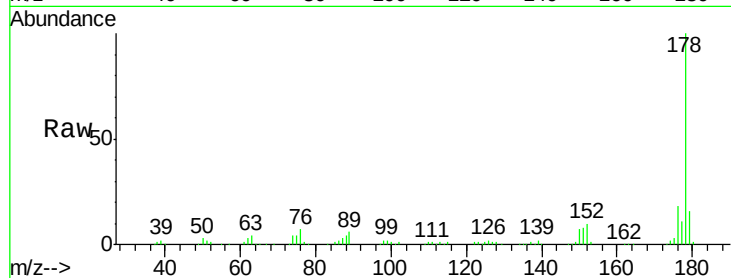
#71  
 Anthracene  
 Concen: 37.14 ng  
 RT: 17.13 min Scan# 2458  
 Delta R.T. -0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83834BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 183904 |       |       |
| 176     | 18.5  | 14.2   | 21.2  |       |
| 179     | 16.3  | 12.2   | 18.4  |       |

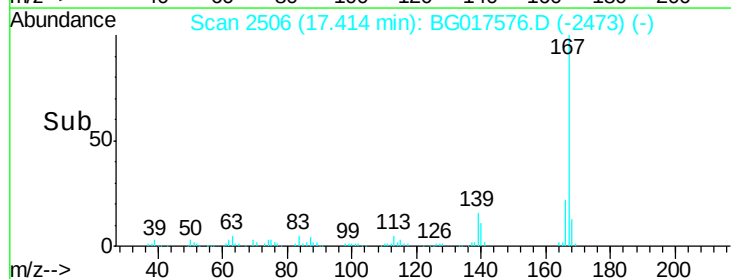
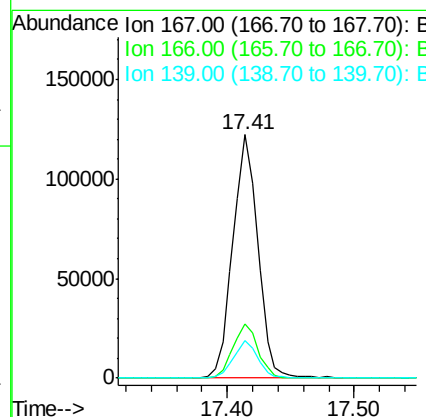
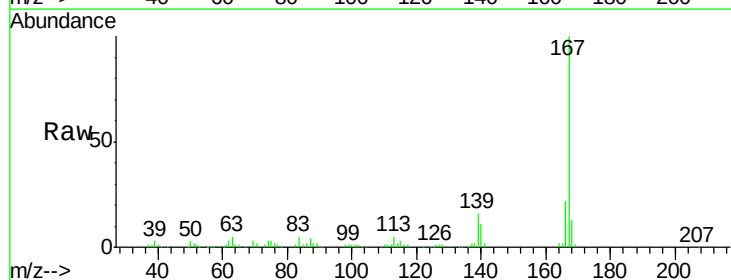
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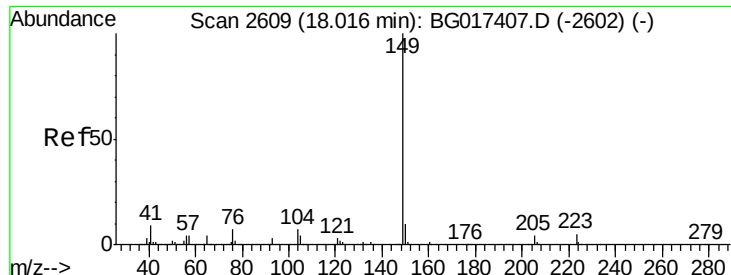


#72  
 Carbazole  
 Concen: 34.10 ng  
 RT: 17.41 min Scan# 2506  
 Delta R.T. -0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 166713 |       |       |
| 166     | 22.2  | 17.0   | 25.4  |       |
| 139     | 15.6  | 11.3   | 16.9  |       |







#73

Di-n-butylphthalate

Concen: 36.43 ng

RT: 17.98 min Scan# 2602

Delta R.T. 0.00 min

Lab File: BG017576.D

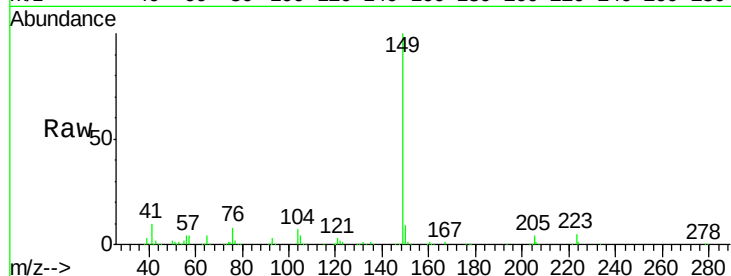
Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

ClientSampleId :

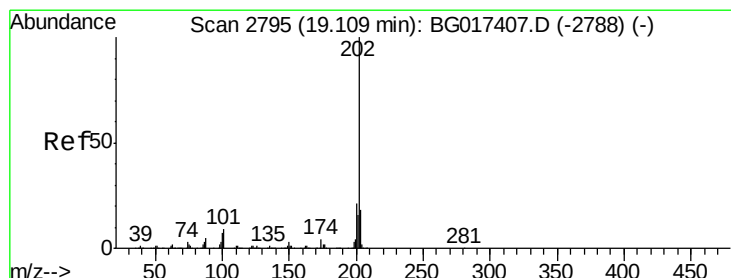
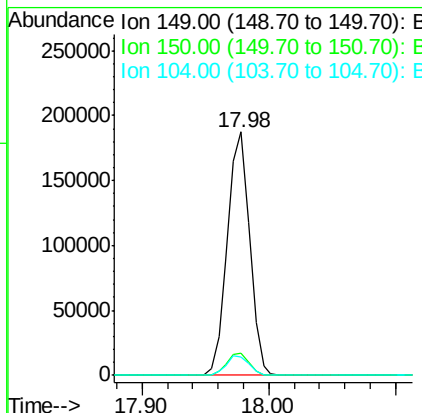
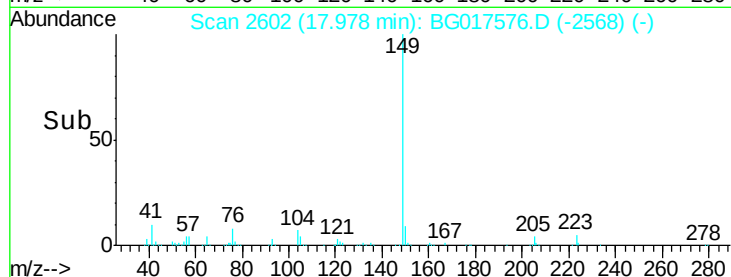
PB83834BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 228069 |       |       |
| 150     | 9.2   | 7.6    | 11.4  |       |
| 104     | 7.3   | 5.4    | 8.2   |       |

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#74

Fluoranthene

Concen: 35.74 ng

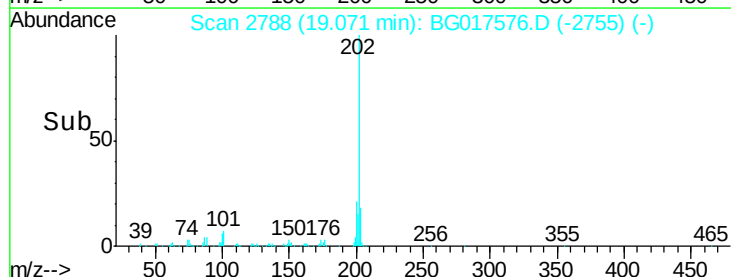
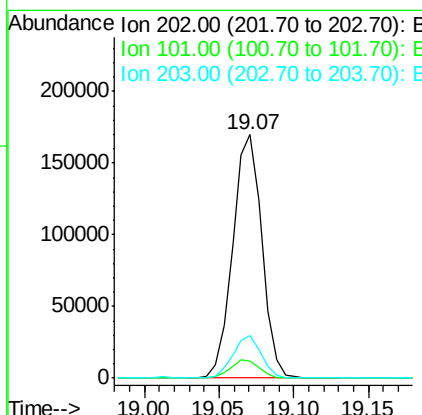
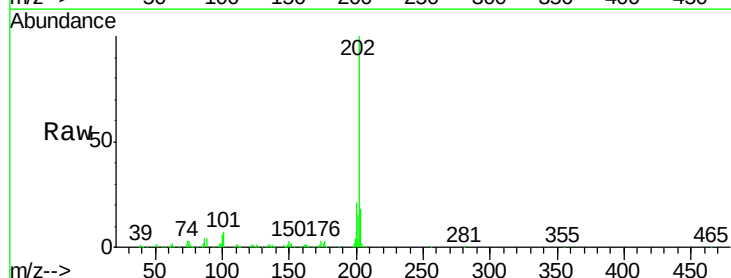
RT: 19.07 min Scan# 2788

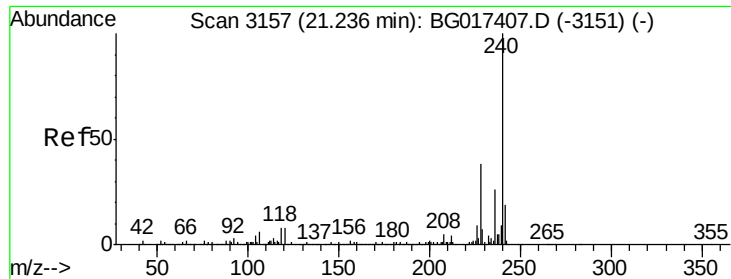
Delta R.T. -0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 231668 |       |       |
| 101     | 7.1   | 0.0    | 28.8  |       |
| 203     | 17.6  | 0.0    | 37.6  |       |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.20 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

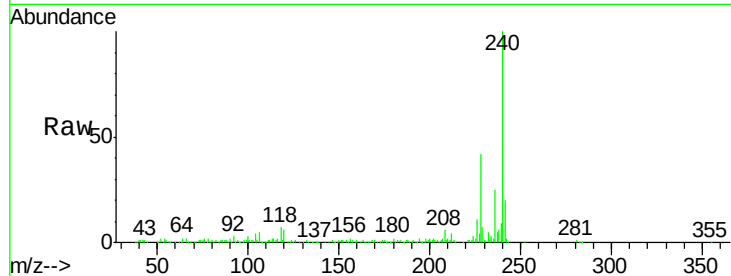
ClientSampleId :

PB83834BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 240   | Resp: | 120931 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 6.1   | 6.5   | 9.7#   |
| 236       | 24.9  | 20.8  | 31.2   |

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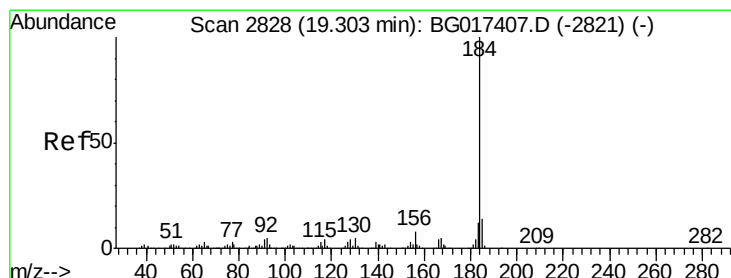
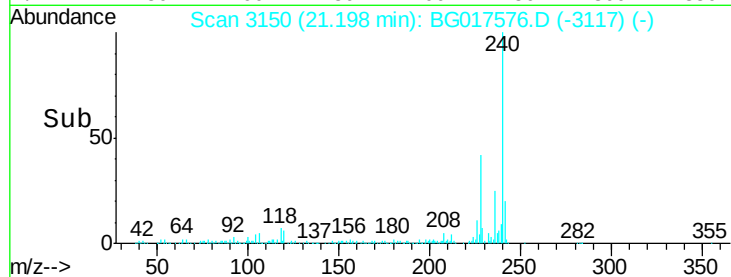
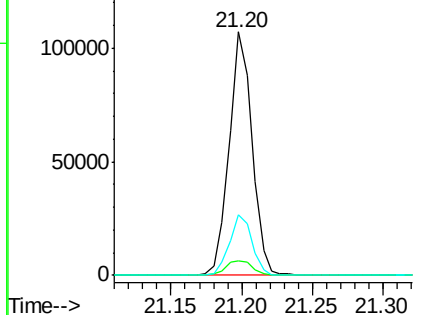
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.23 ng

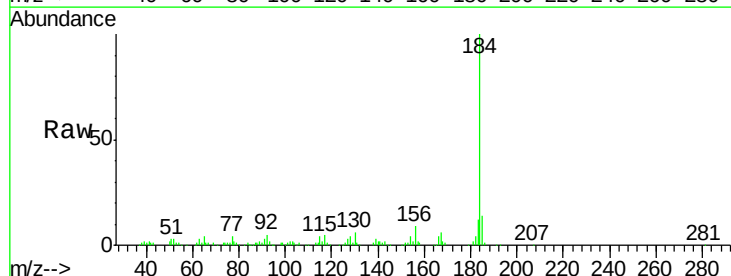
RT: 19.26 min Scan# 2821

Delta R.T. -0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

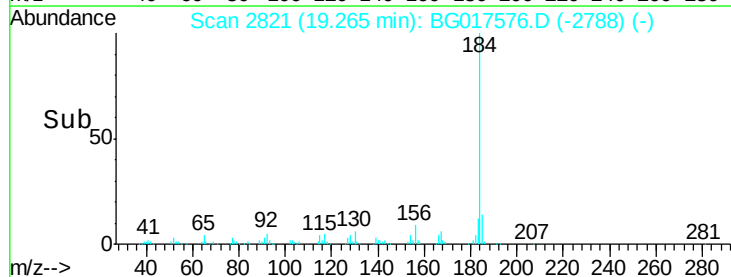
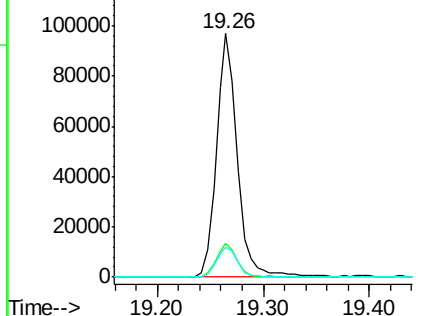
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 133947 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 13.9  | 11.0  | 16.6   |
| 183       | 12.3  | 9.8   | 14.8   |

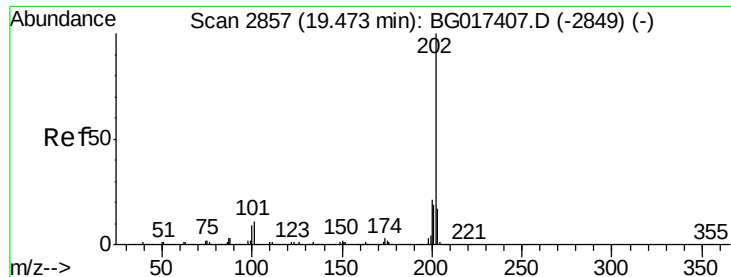


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 32.34 ng

RT: 19.44 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

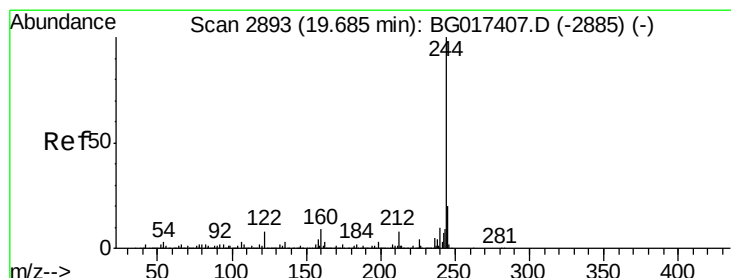
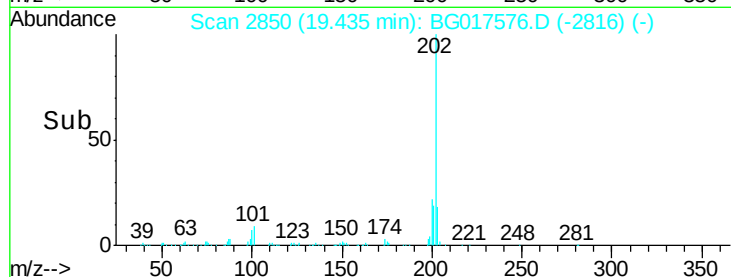
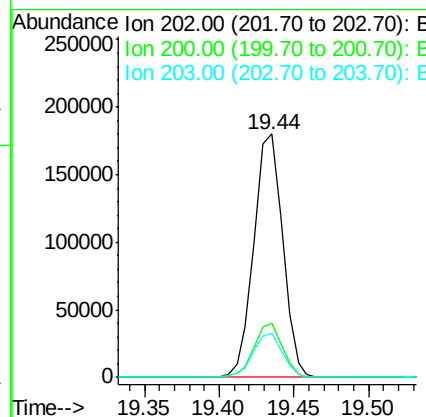
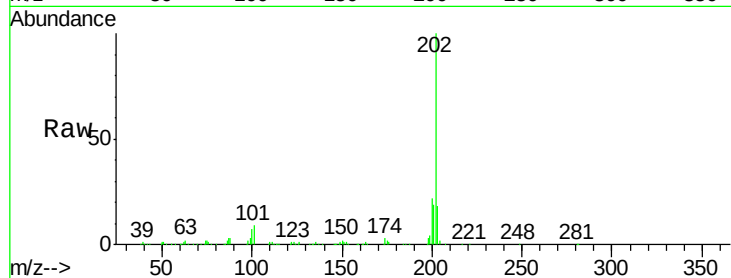
ClientSampleId :

PB83834BS

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 22.2  | 17.0       | 25.4  |
| 203     | 18.1  | 13.9       | 20.9  |

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#78

Terphenyl-d14

Concen: 67.25 ng

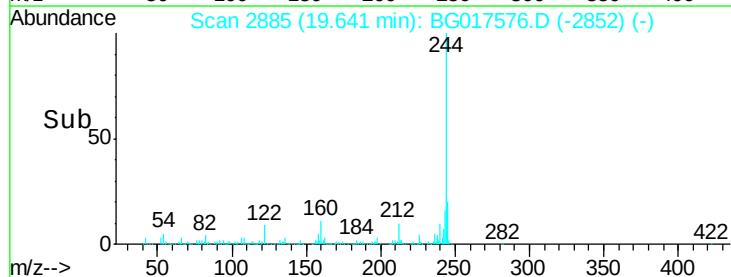
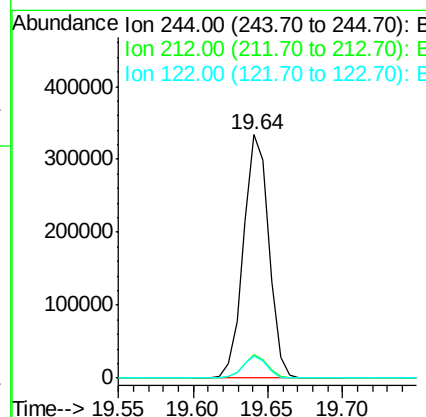
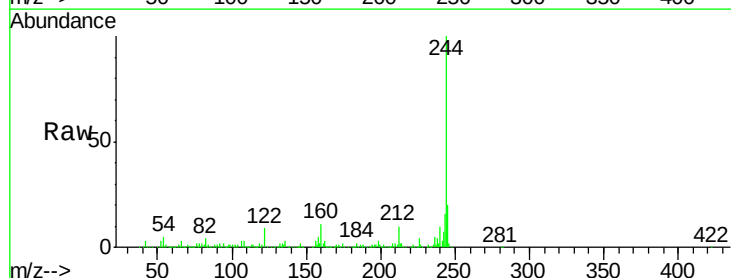
RT: 19.64 min Scan# 2885

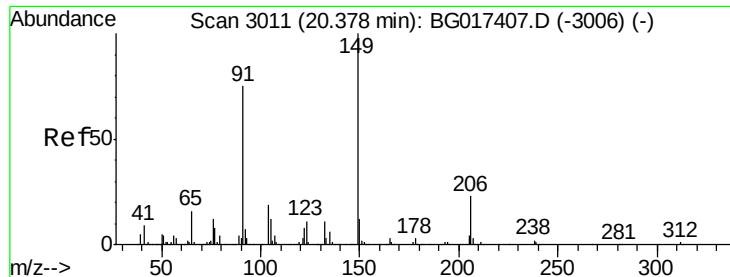
Delta R.T. -0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 9.7   | 6.4        | 9.6#  |
| 122     | 9.2   | 6.6        | 10.0  |





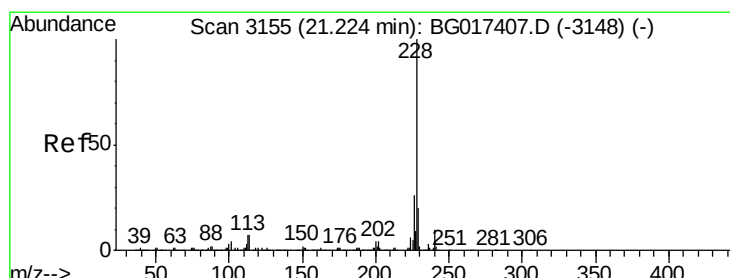
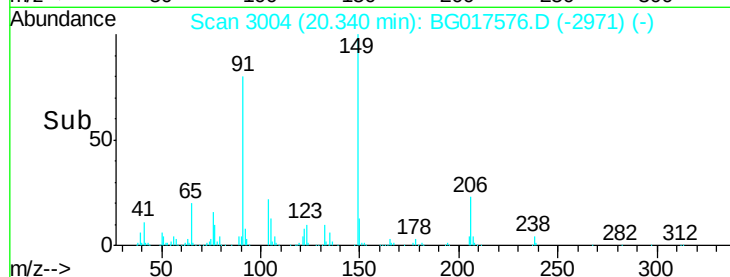
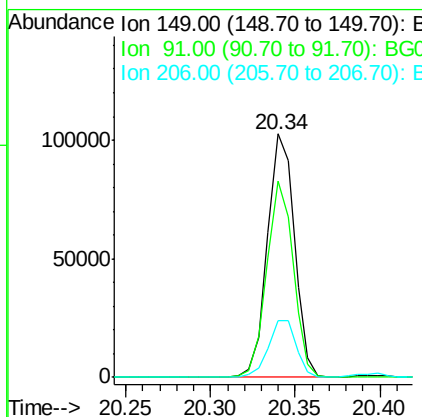
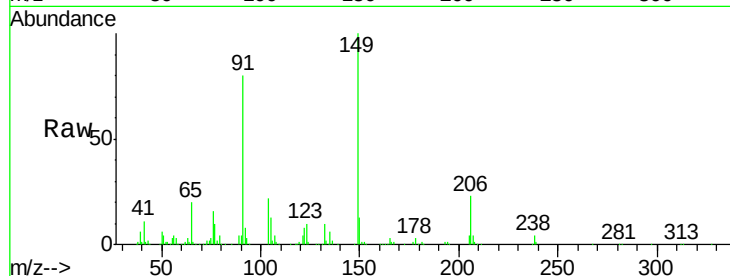
#79  
Butylbenzylphthalate  
Concen: 35.50 ng  
RT: 20.34 min Scan# 3004  
Delta R.T. -0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

Instrument :  
BNA\_G  
ClientSampleId :  
PB83834BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 114440 |       |       |
| 91      | 80.4  | 59.8   | 89.6  |       |
| 206     | 23.3  | 18.2   | 27.2  |       |

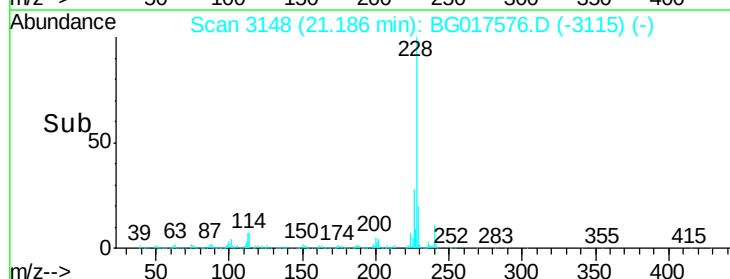
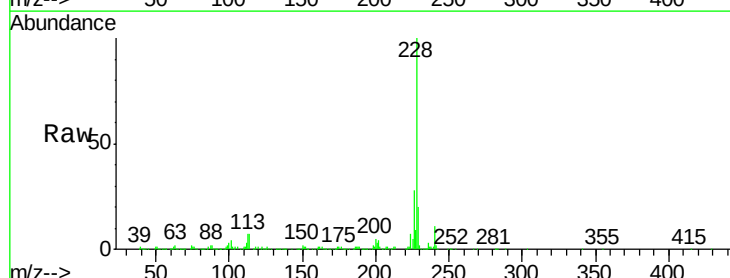
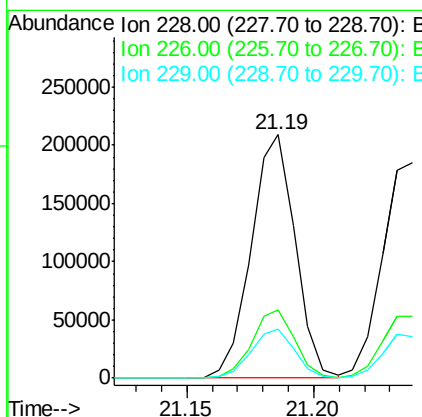
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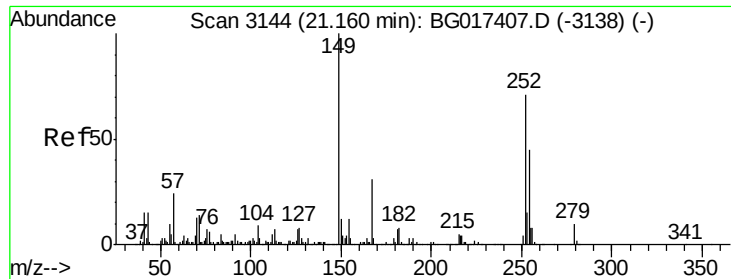
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#80  
Benzo(a)anthracene  
Concen: 34.05 ng  
RT: 21.19 min Scan# 3148  
Delta R.T. -0.00 min  
Lab File: BG017576.D  
Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 253281 |       |       |
| 226     | 28.1  | 21.0   | 31.6  |       |
| 229     | 20.0  | 15.7   | 23.5  |       |





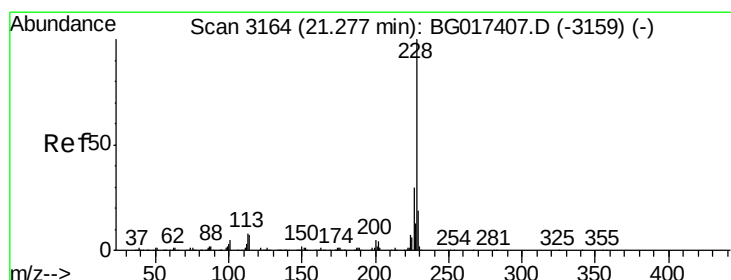
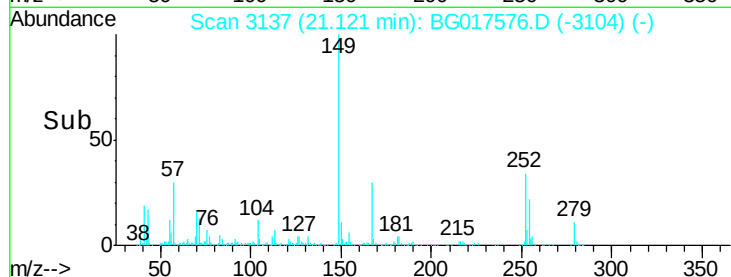
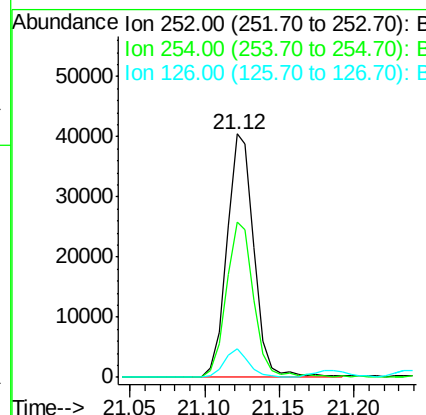
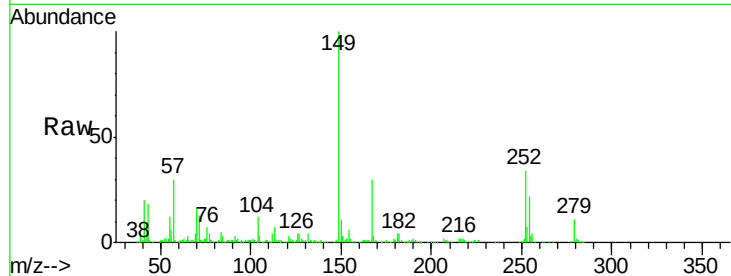
#81  
 3,3'-Dichlorobenzidine  
 Concen: 18.56 ng  
 RT: 21.12 min Scan# 3137  
 Delta R.T. -0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83834BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.9  | 51.1  | 76.7  |
| 126     | 11.5  | 8.2   | 12.2  |

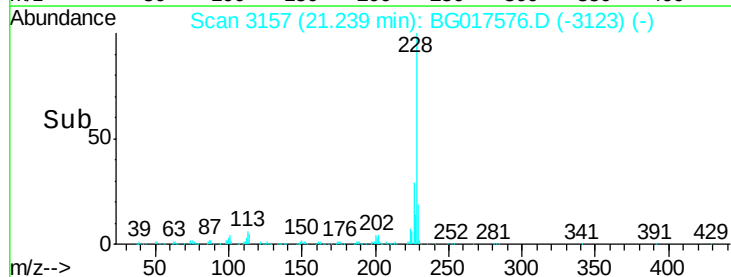
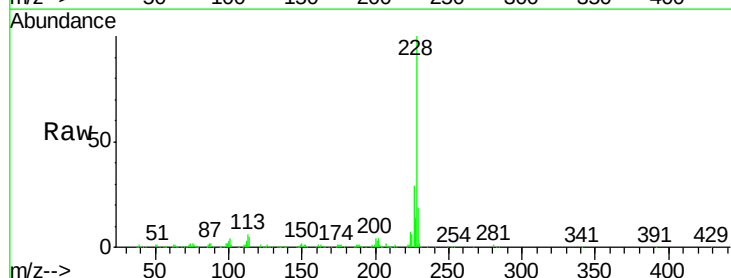
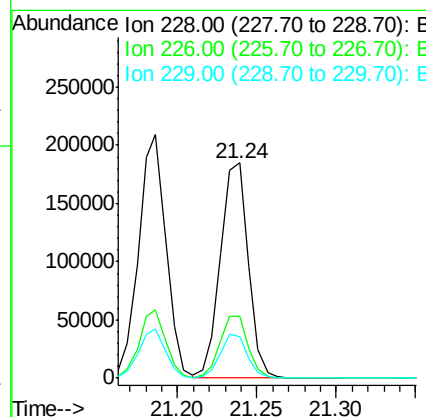
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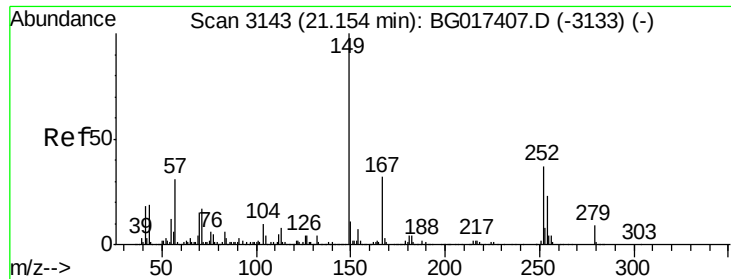
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 6/10/2015 5:42:27 PM



#82  
 Chrysene  
 Concen: 33.64 ng  
 RT: 21.24 min Scan# 3157  
 Delta R.T. 0.00 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.0  | 23.7  | 35.5  |
| 229     | 19.0  | 15.2  | 22.8  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 35.14 ng

RT: 21.12 min Scan# 3136

Delta R.T. -0.00 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

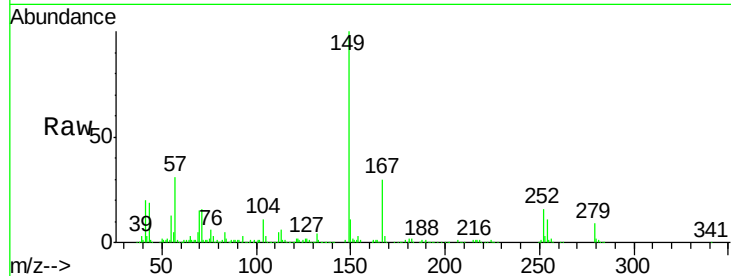
ClientSampleId :

PB83834BS

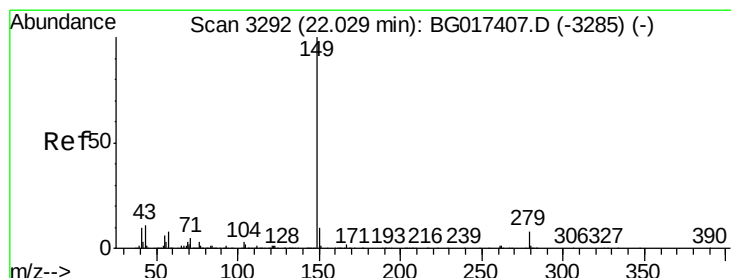
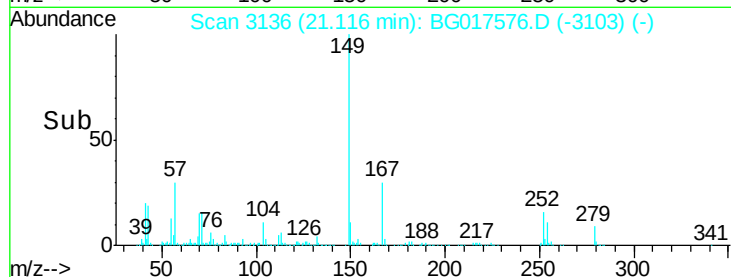
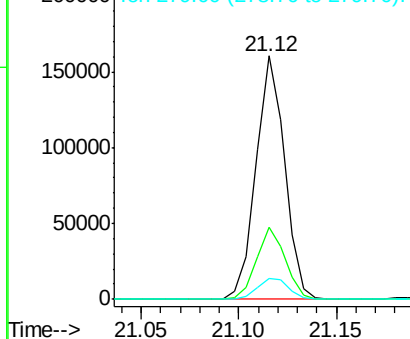
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 163370 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 29.7  | 25.4  | 38.2   |
| 279       | 8.7   | 7.1   | 10.7   |

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



#84

Di-n-octyl phthalate

Concen: 34.13 ng

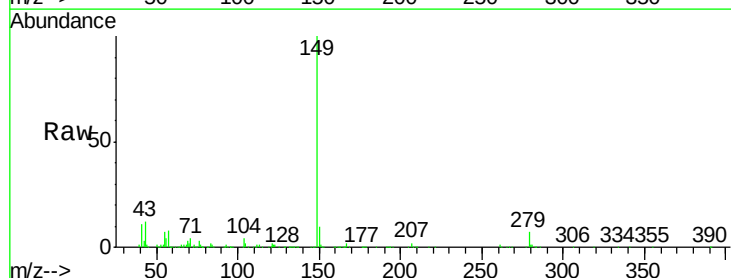
RT: 21.99 min Scan# 3284

Delta R.T. -0.00 min

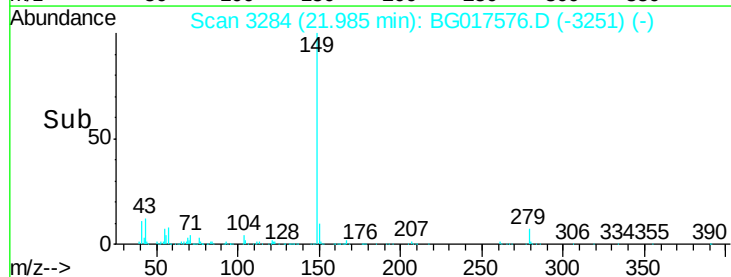
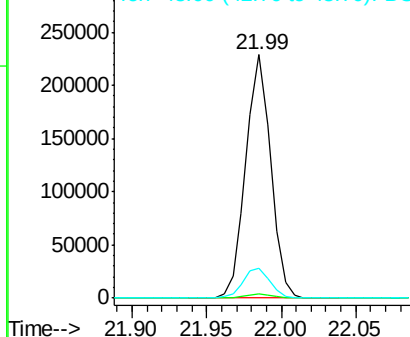
Lab File: BG017576.D

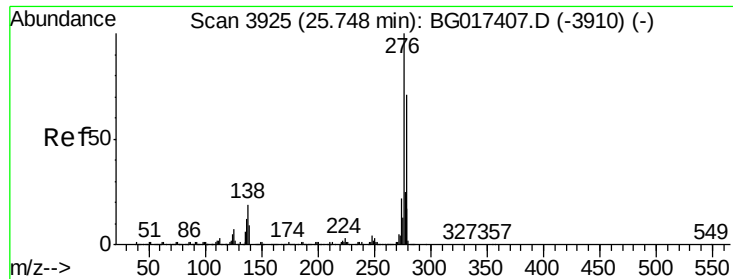
Acq: 9 Jun 2015 16:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 266050 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.8   | 1.4   | 2.2    |
| 43        | 13.1  | 9.8   | 14.6   |



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





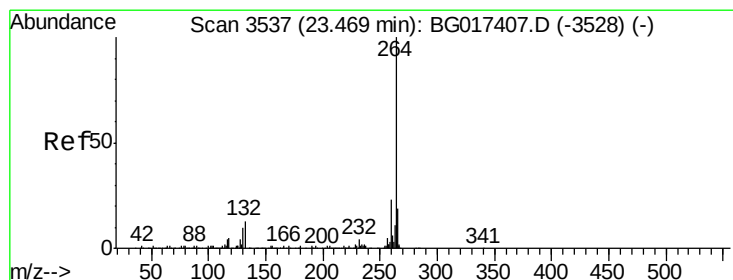
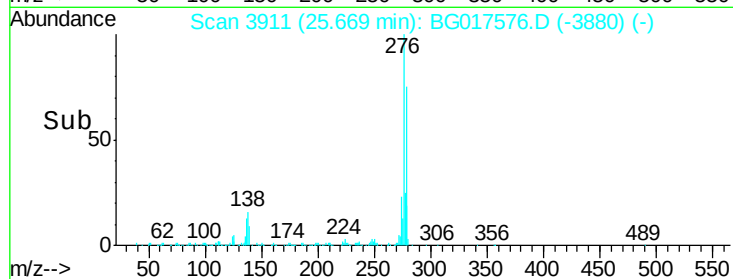
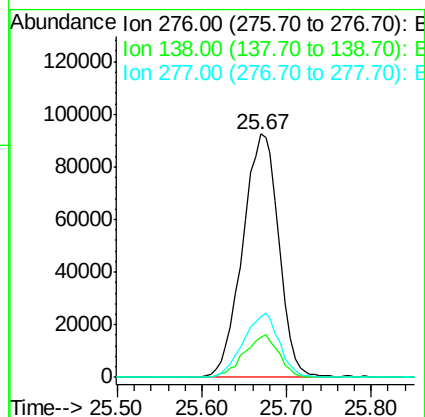
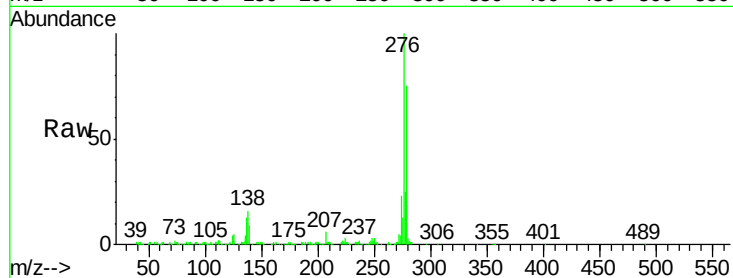
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 32.60 ng  
 RT: 25.67 min Scan# 3911  
 Delta R.T. -0.02 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83834BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 276     | 100   |            |            |
| 138     | 16.7  | 15.4       | 23.0       |
| 277     | 26.1  | 20.5       | 30.7       |

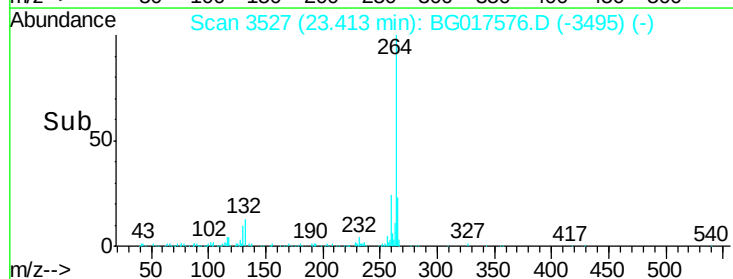
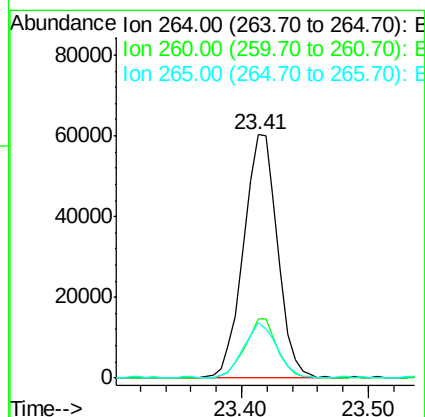
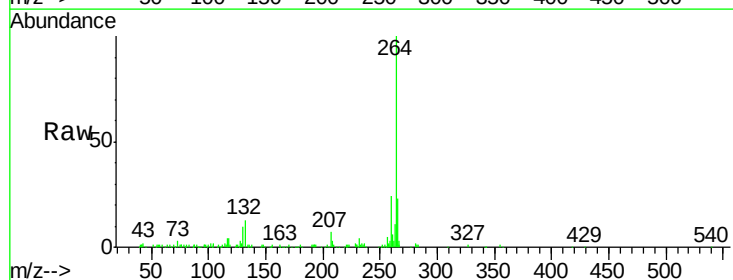
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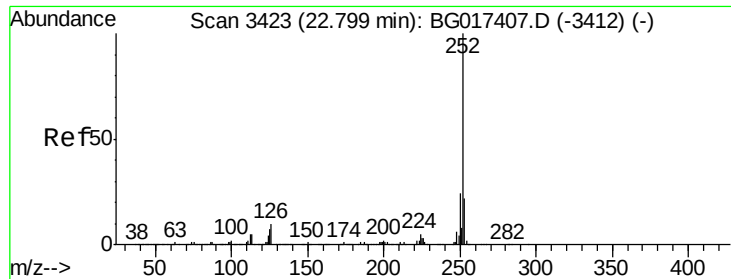
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.41 min Scan# 3527  
 Delta R.T. -0.01 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 264     | 100   |            |            |
| 260     | 24.4  | 18.2       | 27.4       |
| 265     | 22.6  | 15.8       | 23.6       |





#87

Benzo(b)fluoranthene

Concen: 35.33 ng

RT: 22.75 min Scan# 3414

Delta R.T. -0.01 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

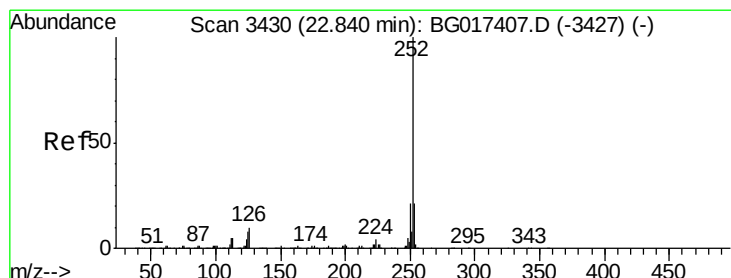
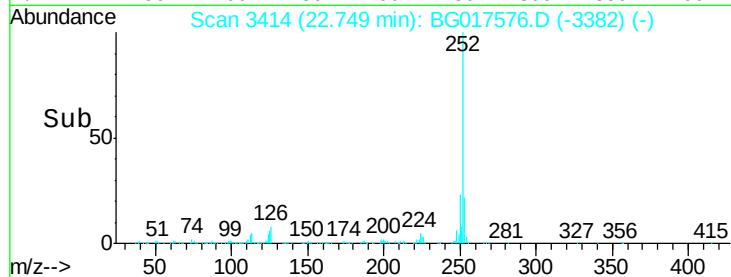
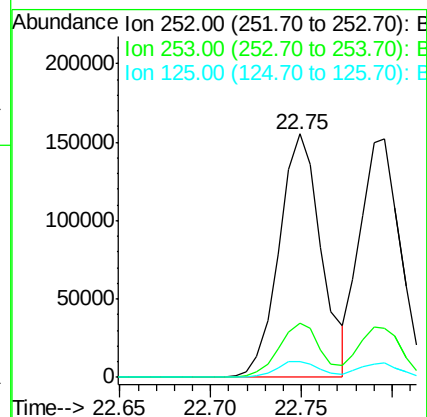
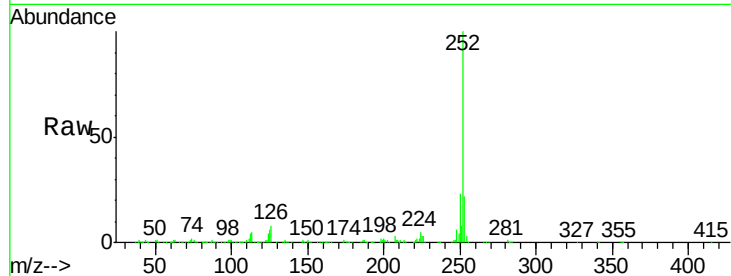
ClientSampleId :

PB83834BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 251931 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.0  | 17.4  | 26.2   |
| 125       | 6.3   | 5.8   | 8.8    |

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#88

Benzo(k)fluoranthene

Concen: 33.96 ng

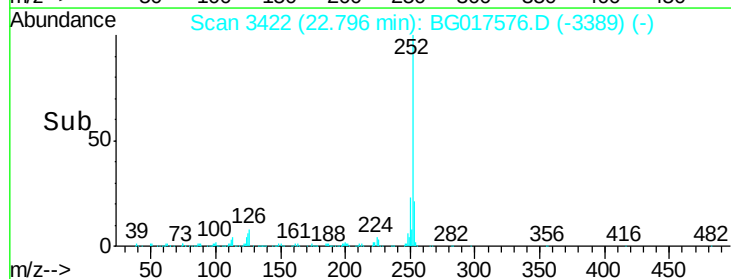
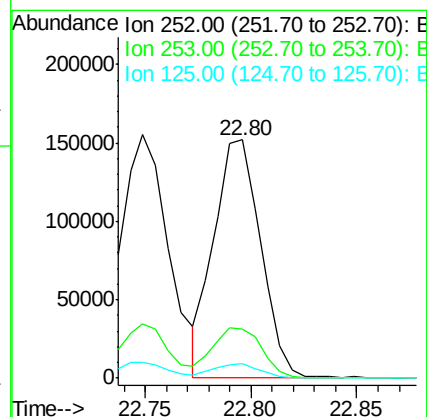
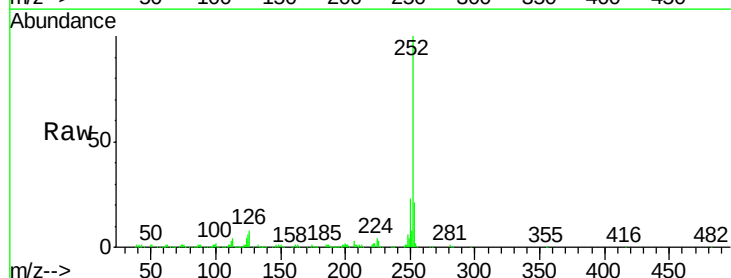
RT: 22.80 min Scan# 3422

Delta R.T. -0.00 min

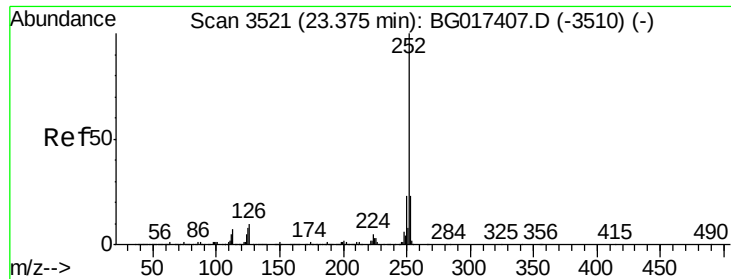
Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 231732 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 20.8  | 17.7  | 26.5   |
| 125       | 6.0   | 6.5   | 9.7#   |







#89

Benzo(a)pyrene

Concen: 36.05 ng

RT: 23.32 min Scan# 3511

Delta R.T. -0.01 min

Lab File: BG017576.D

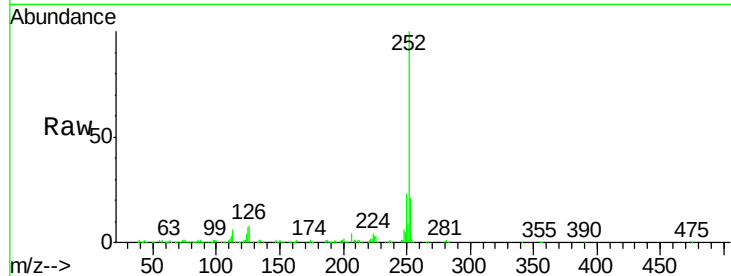
Acq: 9 Jun 2015 16:45

Instrument :

BNA\_G

ClientSampleId :

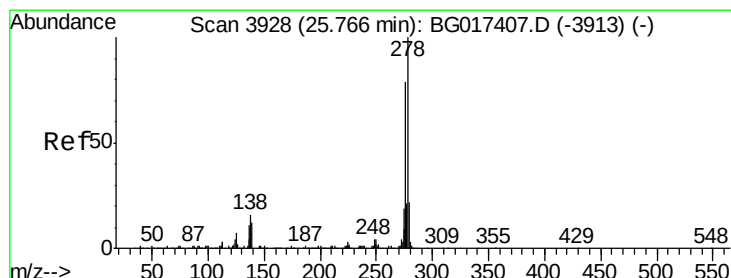
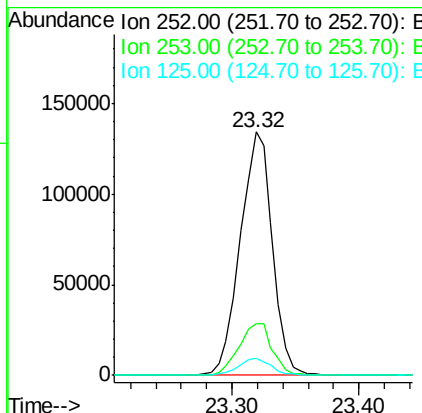
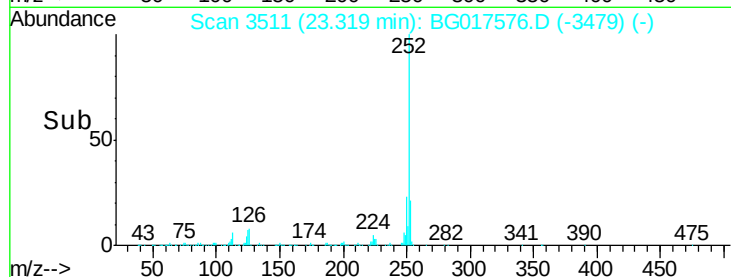
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| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 235796 |       |       |
| 253     | 21.1  | 18.1   | 27.1  |       |
| 125     | 6.8   | 6.5    | 9.7   |       |

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#90

Dibenzo(a,h)anthracene

Concen: 34.72 ng

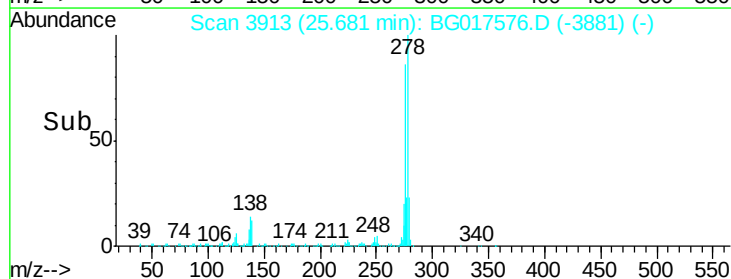
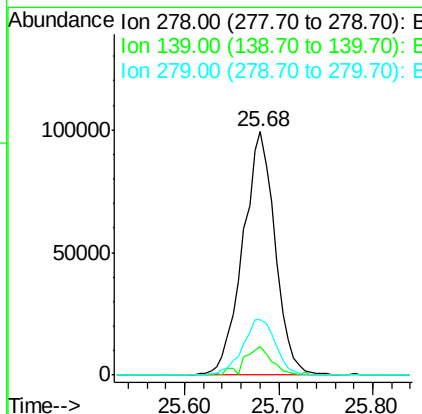
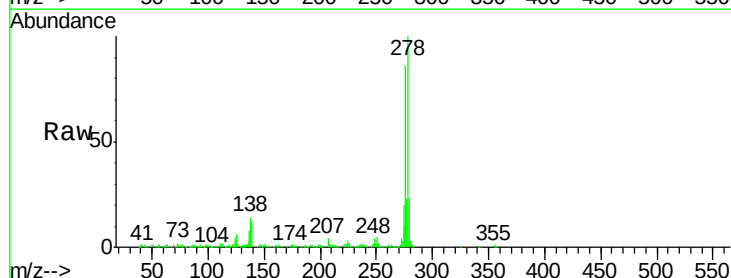
RT: 25.68 min Scan# 3913

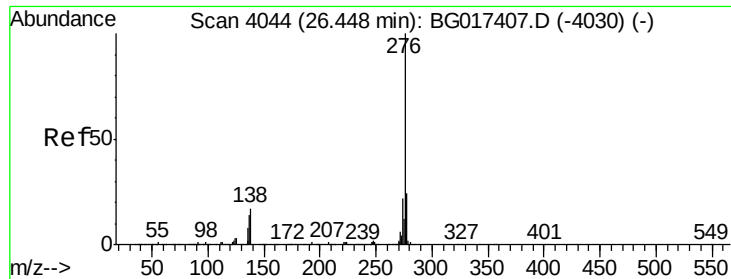
Delta R.T. -0.01 min

Lab File: BG017576.D

Acq: 9 Jun 2015 16:45

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 278     | 100   | 235936 |       |       |
| 139     | 11.6  | 9.4    | 14.0  |       |
| 279     | 22.9  | 17.8   | 26.8  |       |





#91  
 Benzo(g,h,i)perylene  
 Concen: 34.87 ng  
 RT: 26.36 min Scan# 4029  
 Delta R.T. -0.02 min  
 Lab File: BG017576.D  
 Acq: 9 Jun 2015 16:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB83834BS

|     |       |       |       |        |
|-----|-------|-------|-------|--------|
| Tgt | Ion   | 276   | Resp  | 225518 |
| Ion | Ratio | Lower | Upper |        |
| 276 | 100   |       |       |        |
| 277 | 24.8  | 19.2  | 28.8  |        |
| 138 | 13.9  | 13.5  | 20.3  |        |

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