

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG091215\  
 Data File : BG018636.D  
 Acq On : 11 Sep 2015 13:03  
 Operator : UM/IZ  
 Sample : PB85375BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85375BS

Manual Integrations  
 APPROVED

MMDadoda  
 9/14/2015 12:52:12 PM

Quant Time: Sep 12 01:18:07 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG091115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 11 10:44:16 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 54880    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.81 | 136  | 218166   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.63 | 164  | 145866   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.38 | 188  | 433571   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.64 | 240  | 466683   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.83 | 264  | 466642   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.58  | 112  | 397270   | 125.05 | ng    | 0.00     |
| 7) Phenol-d6                | 7.17  | 99   | 558864   | 122.69 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.17  | 82   | 311180   | 79.81  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.12 | 330  | 264829   | 134.84 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.26 | 172  | 810640   | 77.15  | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.98 | 244  | 1455875  | 81.92  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.47  | 88   | 40409    | 30.43 | ng    | # 100  |
| 3) Pyridine                    | 3.87  | 79   | 125762   | 30.55 | ng    | 96     |
| 4) n-Nitrosodimethylamine      | 3.78  | 42   | 50164    | 34.99 | ng    | 85     |
| 6) Aniline                     | 7.33  | 93   | 163189   | 26.00 | ng    | 100    |
| 8) 2-Chlorophenol              | 7.57  | 128  | 144439   | 39.37 | ng    | 96     |
| 9) Benzaldehyde                | 7.14  | 77   | 69881    | 28.49 | ng    | 96     |
| 10) Phenol                     | 7.19  | 94   | 193367   | 40.18 | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93   | 134349   | 36.03 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146  | 150277   | 35.21 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146  | 148784   | 34.76 | ng    | 97     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146  | 146667   | 35.89 | ng    | 96     |
| 15) Benzyl Alcohol             | 8.24  | 79   | 120590   | 36.73 | ng    | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54  | 45   | 153205   | 36.18 | ng    | 98     |
| 17) 2-Methylphenol             | 8.45  | 107  | 129397   | 38.70 | ng    | 95     |
| 18) Hexachloroethane           | 9.09  | 117  | 52120    | 34.05 | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.80  | 70   | 105412   | 32.85 | ng    | 95     |
| 20) 3+4-Methylphenols          | 8.77  | 107  | 182449   | 38.86 | ng    | 91     |
| 22) Acetophenone               | 8.82  | 105  | 211026   | 38.18 | ng    | # 97   |
| 24) Nitrobenzene               | 9.21  | 77   | 157485   | 38.04 | ng    | 99     |
| 25) Isophorone                 | 9.73  | 82   | 303007   | 36.14 | ng    | 100    |
| 26) 2-Nitrophenol              | 9.92  | 139  | 75019    | 38.84 | ng    | 94     |
| 27) 2,4-Dimethylphenol         | 9.98  | 122  | 144415   | 41.17 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93   | 183524   | 38.12 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 10.45 | 162  | 151298   | 42.69 | ng    | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180  | 150598   | 38.34 | ng    | 88     |
| 31) Naphthalene                | 10.86 | 128  | 442541   | 37.88 | ng    | 99     |
| 32) Benzoic acid               | 10.10 | 122  | 106409   | 38.44 | ng    | 91     |
| 33) 4-Chloroaniline            | 10.96 | 127  | 99860    | 18.89 | ng    | 99     |
| 34) Hexachlorobutadiene        | 11.15 | 225  | 85478    | 36.91 | ng    | 92     |
| 35) Caprolactam                | 11.72 | 113  | 68911m   | 45.22 | ng    |        |
| 36) 4-Chloro-3-methylphenol    | 12.09 | 107  | 164285   | 41.55 | ng    | 94     |
| 37) 2-Methylnaphthalene        | 12.46 | 142  | 328746   | 38.44 | ng    | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216  | 170516   | 36.86 | ng    | 98     |
| 40) Hexachlorocyclopentadiene  | 12.81 | 237  | 201831   | 86.87 | ng    | 98     |

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 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB85375BS

Manual Integrations  
 APPROVED

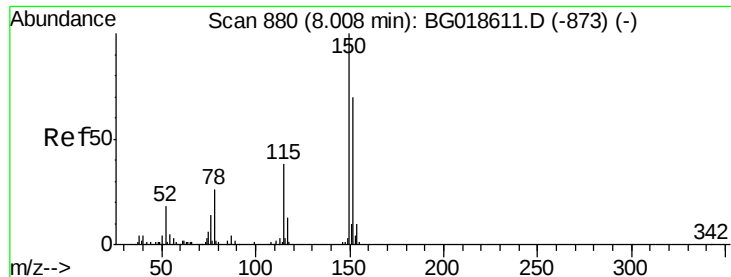
MMDadoda  
 9/14/2015 12:52:12 PM

Quant Time: Sep 12 01:18:07 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG091115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 11 10:44:16 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.07 | 196  | 128071   | 39.97 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.14 | 196  | 145256   | 41.33 | ng    | 98       |
| 45) 1,1'-Biphenyl              | 13.47 | 154  | 441390   | 38.05 | ng    | 100      |
| 46) 2-Chloronaphthalene        | 13.51 | 162  | 346343   | 38.75 | ng    | 95       |
| 47) 2-Nitroaniline             | 13.71 | 65   | 112741   | 41.92 | ng    | 97       |
| 48) Acenaphthylene             | 14.36 | 152  | 621029   | 39.31 | ng    | 99       |
| 49) Dimethylphthalate          | 14.09 | 163  | 489690   | 40.54 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.20 | 165  | 112744   | 42.96 | ng    | 100      |
| 51) Acenaphthene               | 14.70 | 154  | 361179   | 39.30 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.53 | 138  | 86954    | 27.73 | ng    | 95       |
| 53) 2,4-Dinitrophenol          | 14.74 | 184  | 113641   | 85.03 | ng    | 90       |
| 54) Dibenzofuran               | 15.03 | 168  | 586544   | 41.06 | ng    | 100      |
| 55) 4-Nitrophenol              | 14.84 | 139  | 226706   | 93.64 | ng    | 95       |
| 56) 2,4-Dinitrotoluene         | 14.99 | 165  | 167734   | 45.07 | ng    | 96       |
| 57) Fluorene                   | 15.68 | 166  | 508743   | 41.37 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.25 | 232  | 144749   | 43.92 | ng    | 99       |
| 59) Diethylphthalate           | 15.45 | 149  | 533172   | 42.32 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.67 | 204  | 243251   | 41.17 | ng    | 95       |
| 61) 4-Nitroaniline             | 15.70 | 138  | 146519   | 43.33 | ng    | 99       |
| 62) Azobenzene                 | 15.97 | 77   | 479801   | 43.09 | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 15.75 | 198  | 83912    | 37.28 | ng    | 97       |
| 65) n-Nitrosodiphenylamine     | 15.88 | 169  | 461106   | 36.72 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.57 | 248  | 168498   | 38.21 | ng    | 97       |
| 67) Hexachlorobenzene          | 16.69 | 284  | 181921   | 37.97 | ng    | 96       |
| 68) Atrazine                   | 16.83 | 200  | 201365   | 40.33 | ng    | 100      |
| 69) Pentachlorophenol          | 17.03 | 266  | 246544   | 83.44 | ng    | 95       |
| 70) Phenanthrene               | 17.42 | 178  | 893140   | 39.16 | ng    | 99       |
| 71) Anthracene                 | 17.51 | 178  | 921586   | 39.91 | ng    | 100      |
| 72) Carbazole                  | 17.78 | 167  | 906583   | 40.56 | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.33 | 149  | 1066480  | 40.46 | ng    | 100      |
| 74) Fluoranthene               | 19.43 | 202  | 1132277  | 40.09 | ng    | 98       |
| 76) Benzidine                  | 19.60 | 184  | 524505   | 37.43 | ng    | 98       |
| 77) Pyrene                     | 19.79 | 202  | 1156519  | 40.32 | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.67 | 149  | 461617   | 39.59 | ng    | 99       |
| 80) Benzo(a)anthracene         | 21.62 | 228  | 1064355  | 39.61 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.54 | 252  | 257182   | 25.19 | ng    | 99       |
| 82) Chrysene                   | 21.69 | 228  | 963190   | 38.07 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.53 | 149  | 679541   | 40.40 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 22.73 | 149  | 1145738  | 40.27 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.48 | 276  | 1243183  | 38.69 | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 23.82 | 252  | 1110468  | 41.04 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 23.89 | 252  | 1055183  | 38.92 | ng    | 97       |
| 89) Benzo(a)pyrene             | 24.68 | 252  | 1059533  | 41.15 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.55 | 278  | 1002760  | 39.55 | ng    | 96       |
| 91) Benzo(g,h,i)perylene       | 29.62 | 276  | 1020343  | 39.52 | ng    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.00 min Scan# 879

Delta R.T. -0.00 min

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Acq: 11 Sep 2015 13:03

Instrument :

BNA\_G

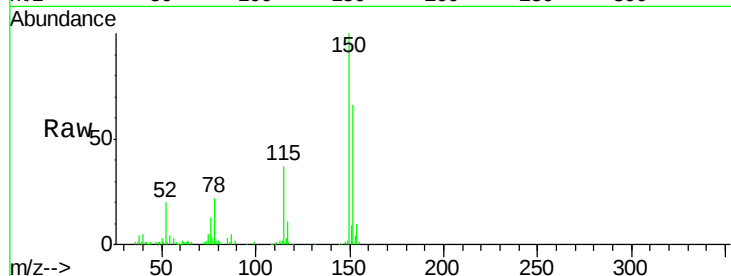
ClientSampleId :

PB85375BS

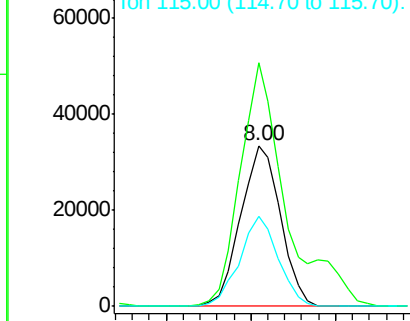
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 54880 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 151.4 | 115.0 | 172.4 |
| 115       | 55.7  | 43.9  | 65.9  |

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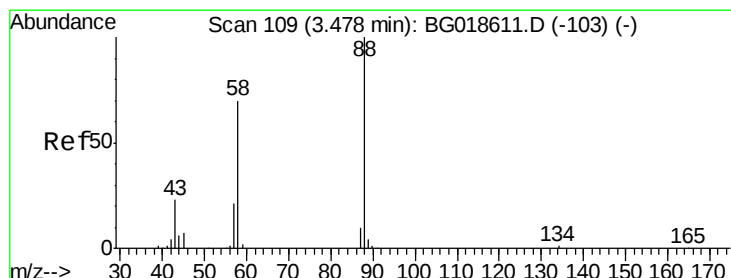
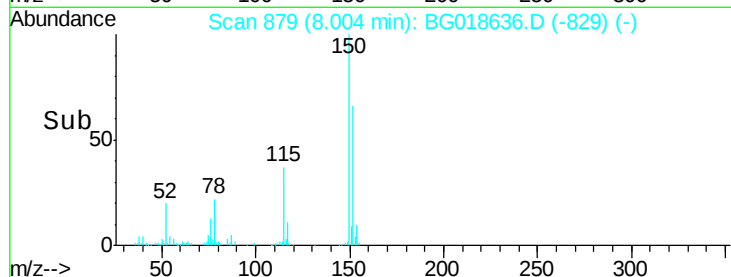
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 30.43 ng

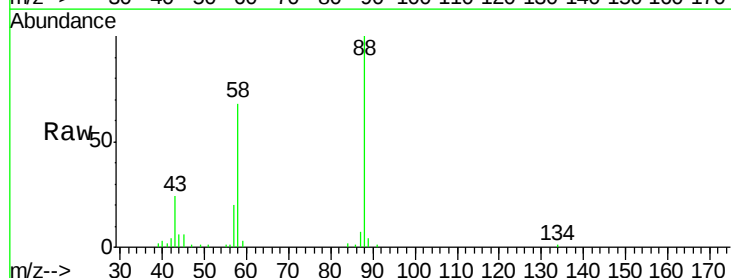
RT: 3.47 min Scan# 108

Delta R.T. -0.00 min

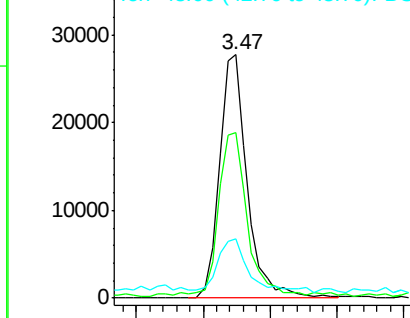
Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

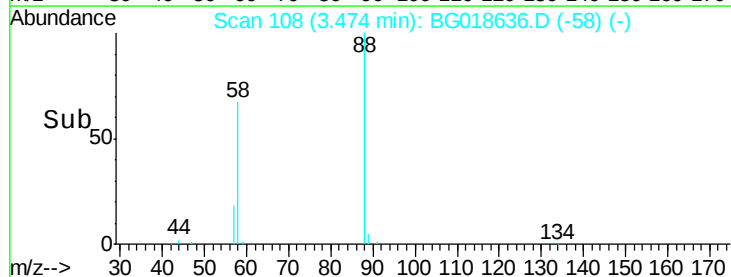
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 40409 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 70.2  | 0.0   | 0.0#  |
| 43        | 24.9  | 0.0   | 0.0#  |

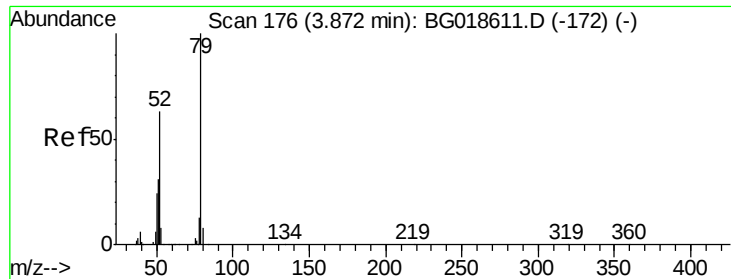


Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC



Time-->





#3

Pyridine

Concen: 30.55 ng

RT: 3.87 min Scan# 175

Delta R.T. -0.02 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

Instrument :

BNA\_G

ClientSampleId :

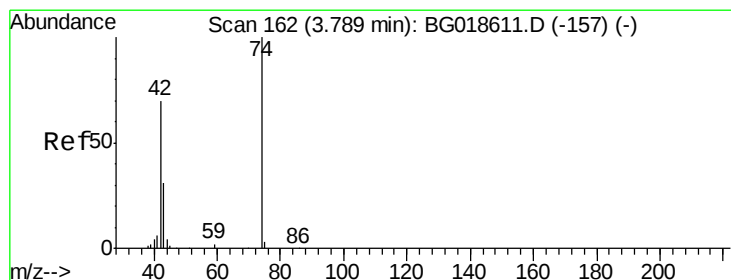
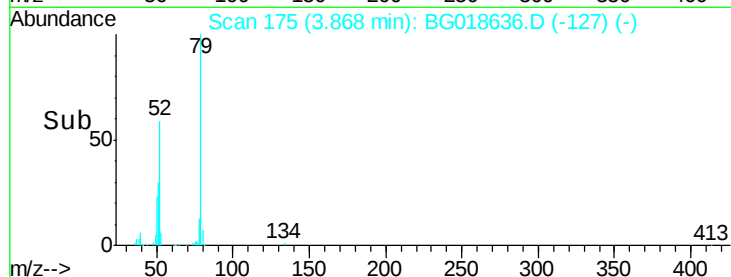
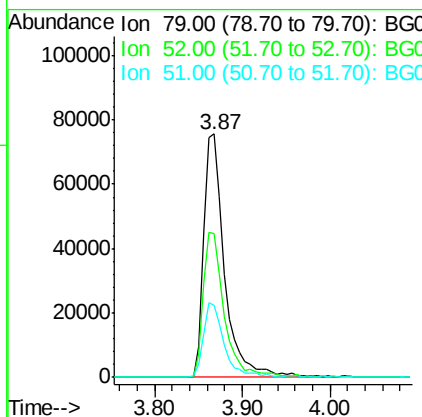
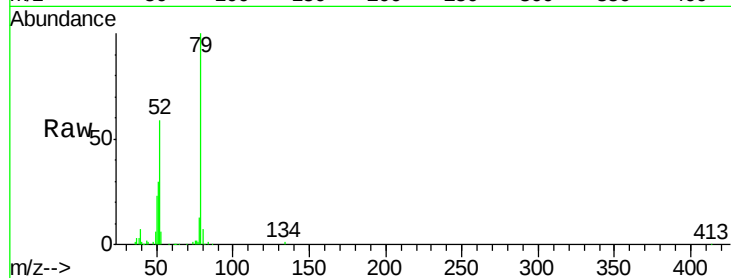
PB85375BS

Manual Integrations  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 58.8  | 50.3  | 75.5  |
| 51      | 29.7  | 24.8  | 37.2  |



#4

n-Nitrosodimethylamine

Concen: 34.99 ng

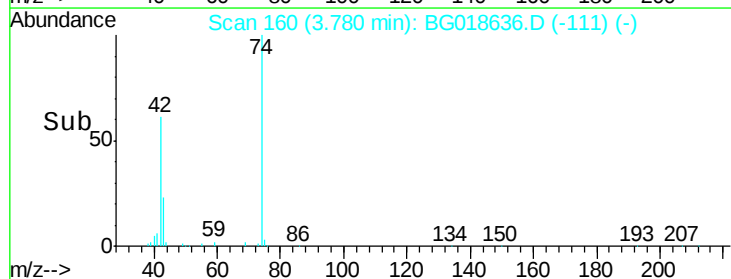
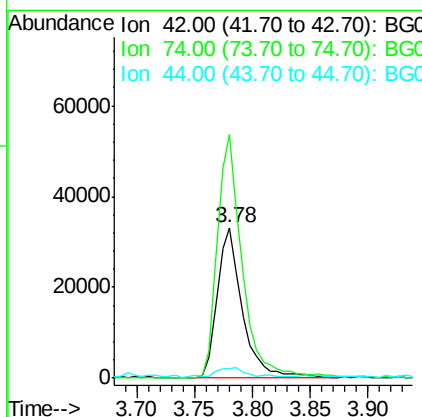
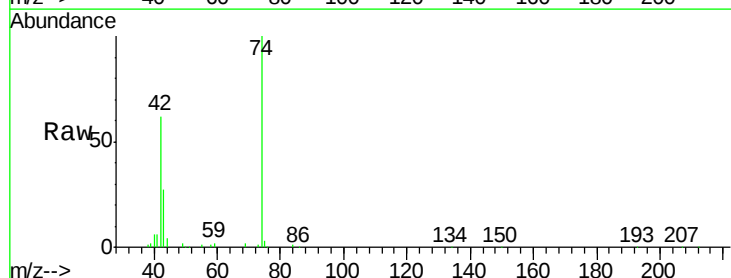
RT: 3.78 min Scan# 160

Delta R.T. -0.01 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 161.4 | 113.9 | 170.9 |
| 44      | 6.0   | 5.7   | 8.5   |





#5

2-Fluorophenol

Concen: 125.05 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

Instrument :

BNA\_G

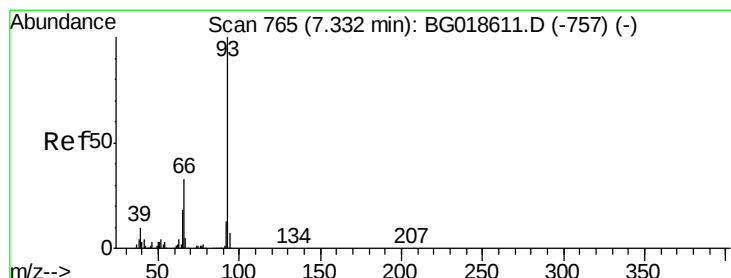
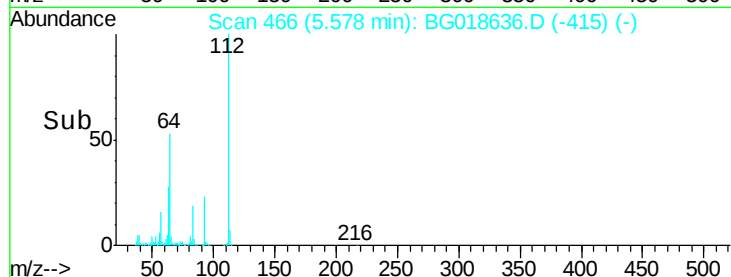
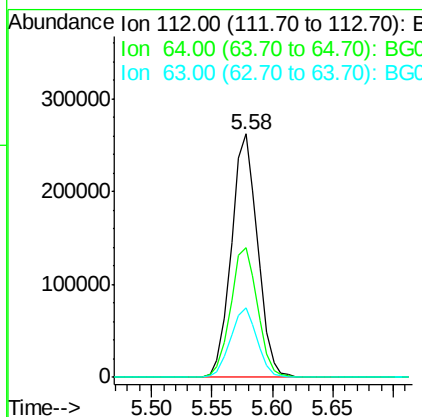
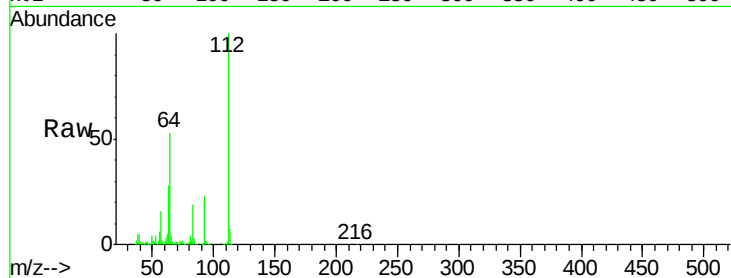
ClientSampleId :

PB85375BS

Manual Integrations  
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| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 397270 |       |       |
| 64      | 53.2  | 43.7   | 65.5  |       |
| 63      | 28.5  | 24.0   | 36.0  |       |



#6

Aniline

Concen: 26.00 ng

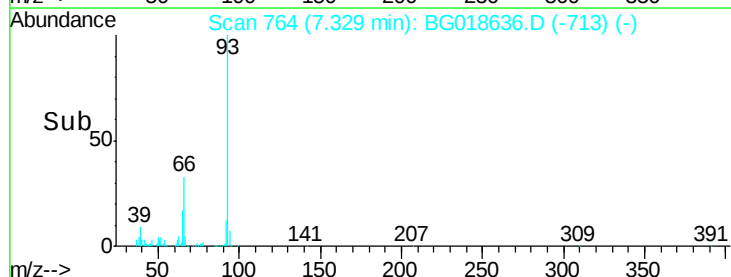
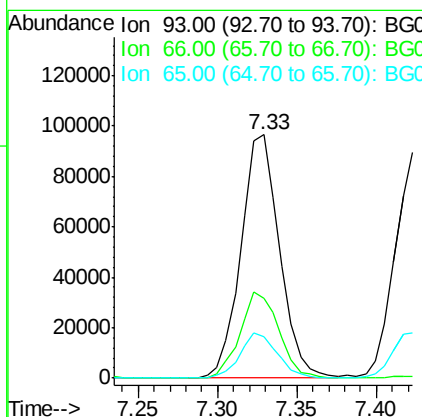
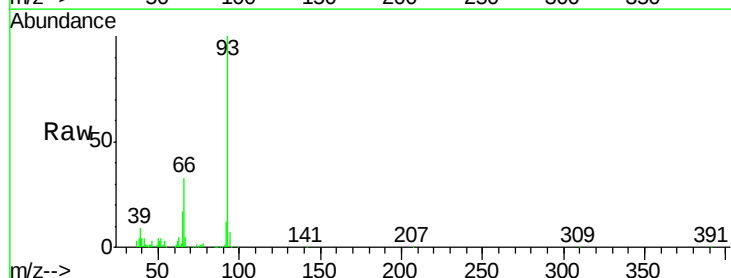
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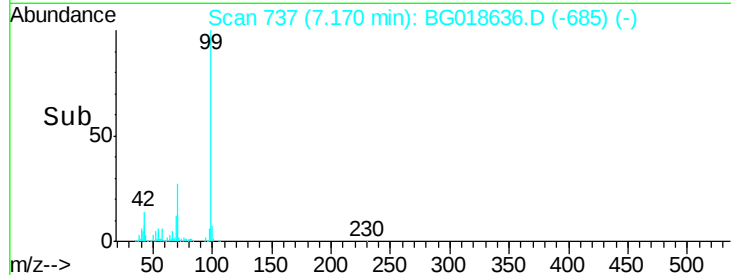
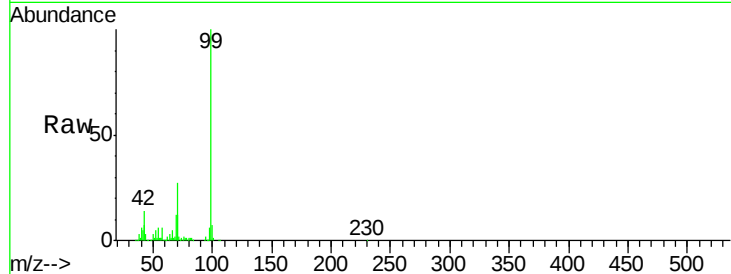
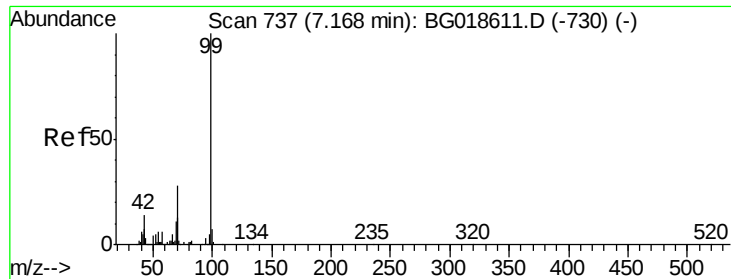
Delta R.T. 0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 163189 |       |       |
| 66      | 32.6  | 26.2   | 39.2  |       |
| 65      | 17.3  | 14.0   | 21.0  |       |





#7

Phenol-d6

Concen: 122.69 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.01 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 99    | Resp: | 558864 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 14.4  | 11.5  | 17.3   |
| 71        | 26.5  | 22.6  | 34.0   |

Instrument :

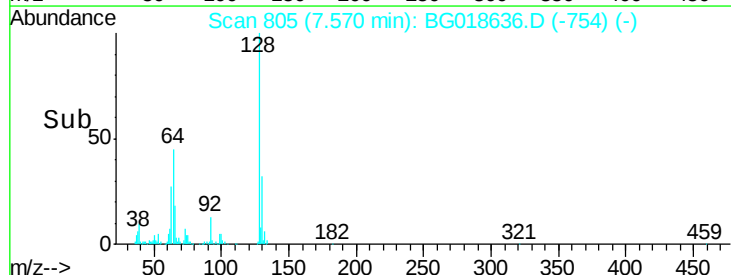
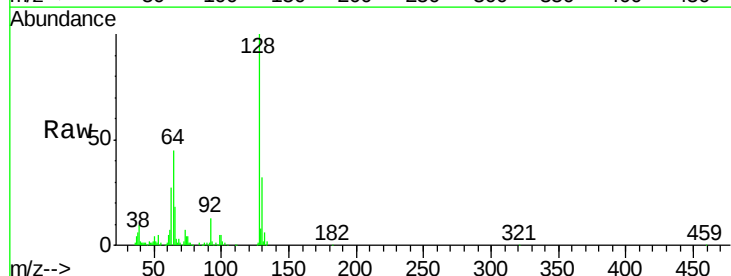
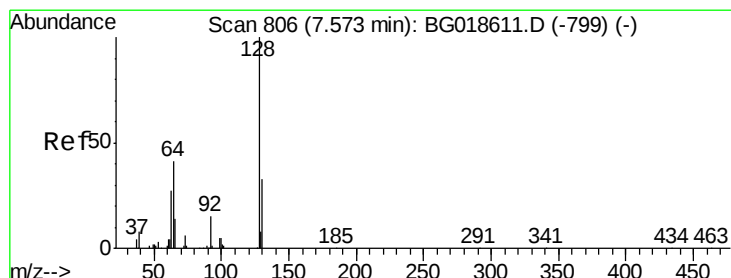
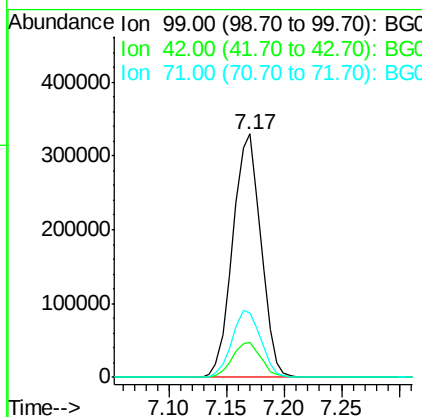
BNA\_G

ClientSampleId :

PB85375BS

Manual Integrations  
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#8

2-Chlorophenol

Concen: 39.37 ng

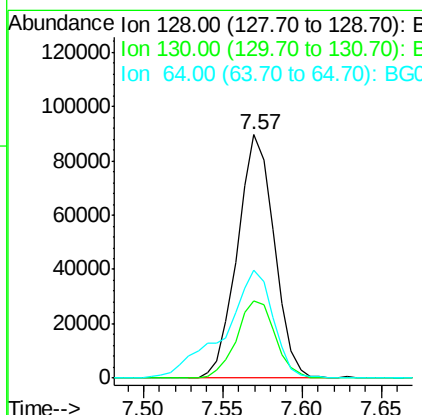
RT: 7.57 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 144439 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 31.6  | 13.0  | 53.0   |
| 64        | 44.6  | 28.2  | 68.2   |





#9

Benzaldehyde

Concen: 28.49 ng

RT: 7.14 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

Instrument :

BNA\_G

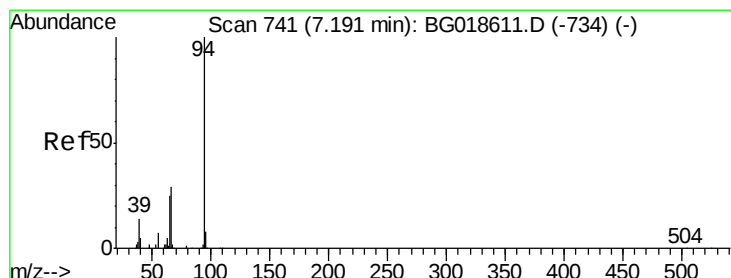
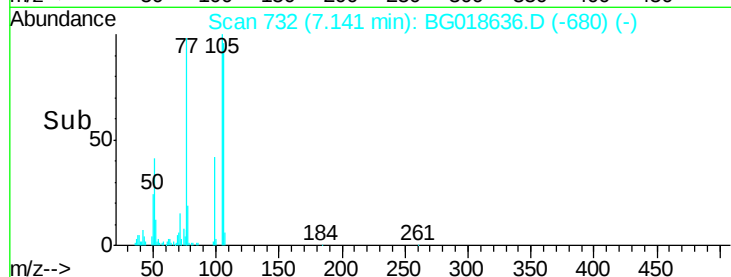
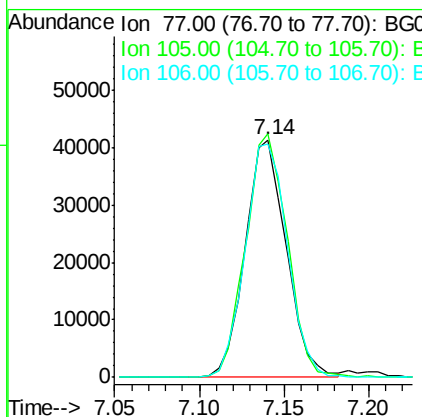
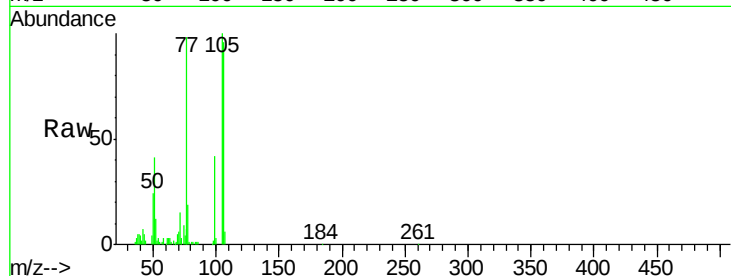
ClientSampleId :

PB85375BS

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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 102.5 | 77.7  | 117.7 |
| 106     | 98.1  | 75.8  | 115.8 |



#10

Phenol

Concen: 40.18 ng

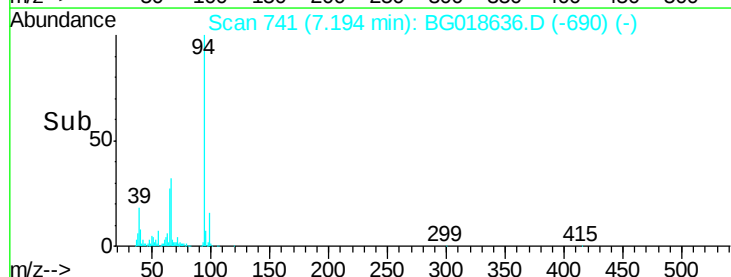
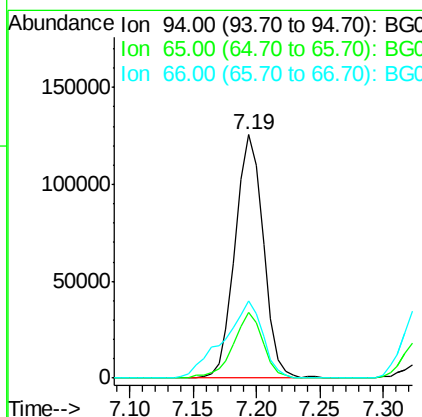
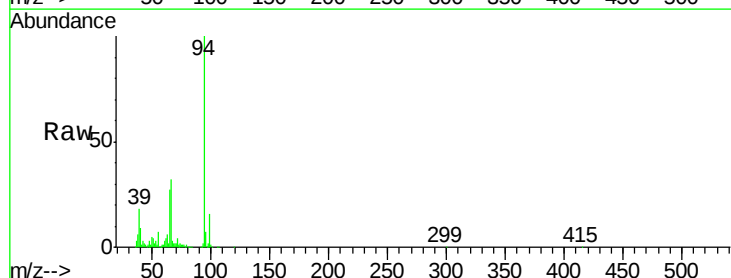
RT: 7.19 min Scan# 741

Delta R.T. 0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 26.9  | 5.4   | 45.4  |
| 66      | 31.8  | 11.8  | 51.8  |





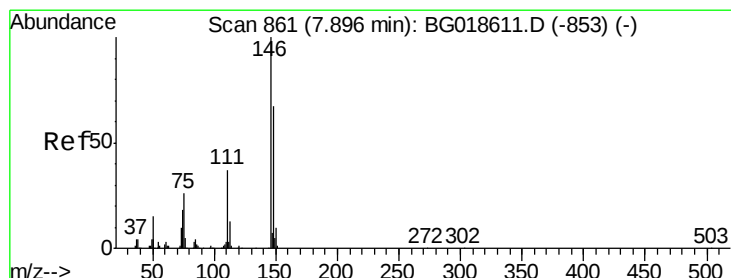
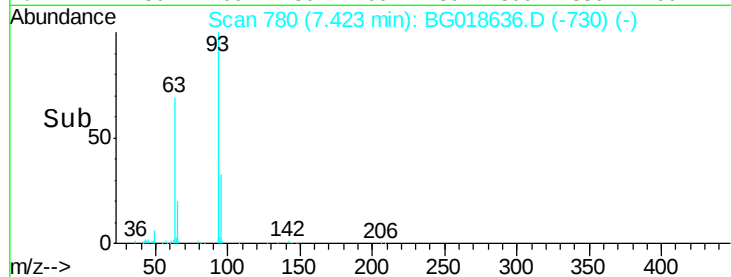
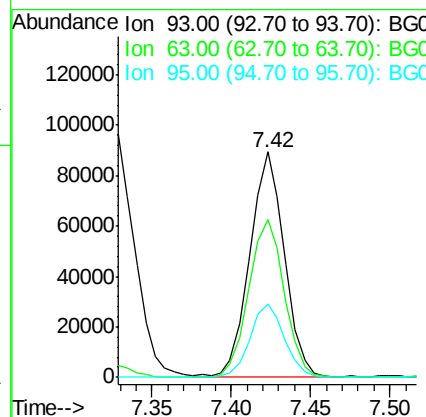
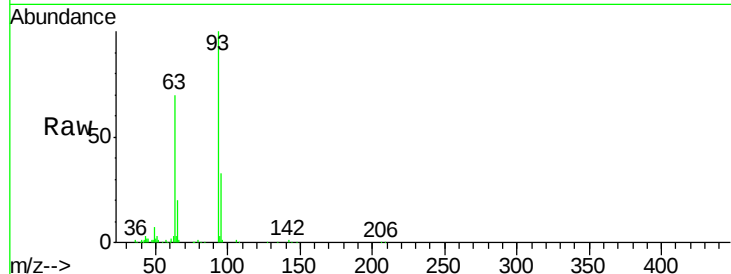
#11  
 bis(2-Chloroethyl)ether  
 Concen: 36.03 ng  
 RT: 7.42 min Scan# 780  
 Delta R.T. -0.00 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85375BS

Manual Integrations  
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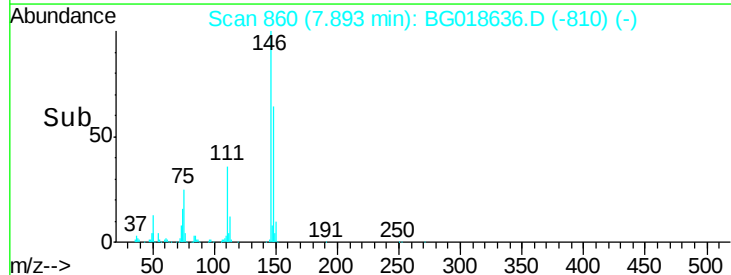
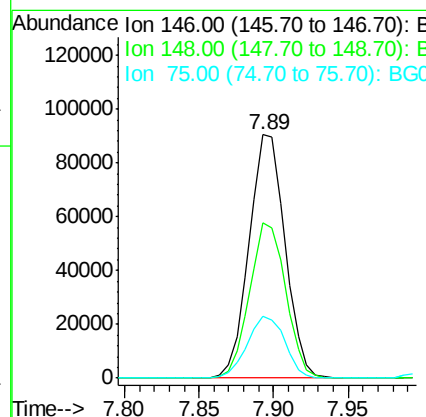
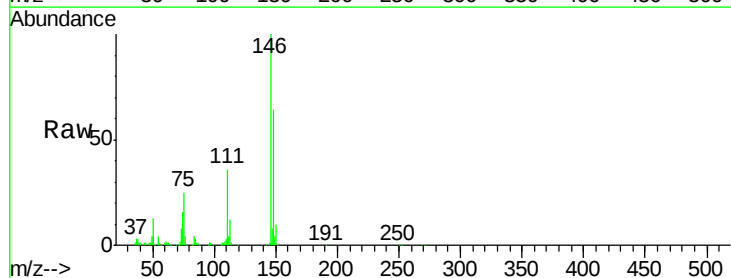
MMDadoda  
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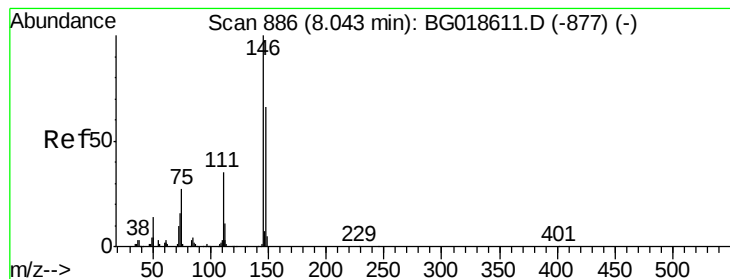
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 69.8  | 50.5  | 90.5  |
| 95      | 32.7  | 12.2  | 52.2  |



#12  
 1,3-Dichlorobenzene  
 Concen: 35.21 ng  
 RT: 7.89 min Scan# 860  
 Delta R.T. -0.00 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.6  | 53.4  | 80.0  |
| 75      | 25.4  | 21.1  | 31.7  |





#13

1,4-Dichlorobenzene

Concen: 34.76 ng

RT: 8.04 min Scan# 885

Delta R.T. -0.00 min

Lab File: BG018636.D

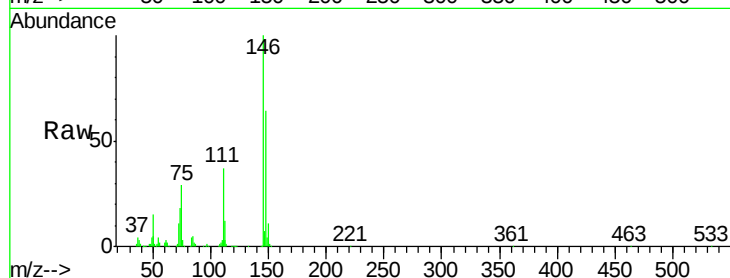
Acq: 11 Sep 2015 13:03

Instrument :

BNA\_G

ClientSampleId :

PB85375BS



Tgt Ion:146 Resp: 148784

Ion Ratio Lower Upper

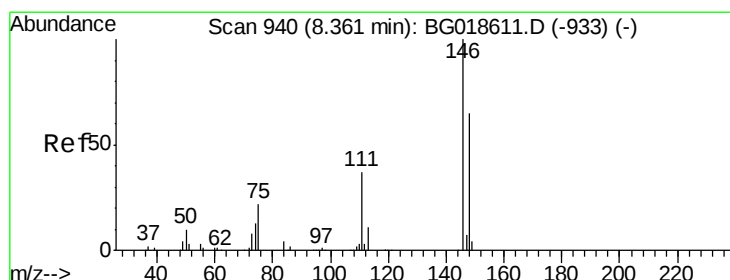
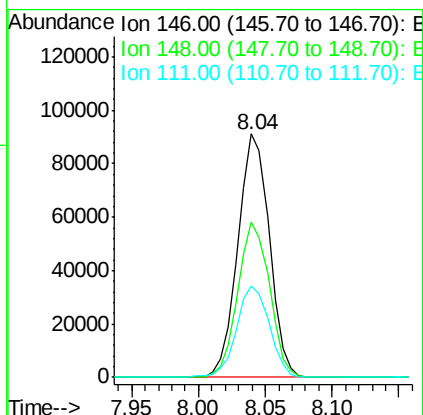
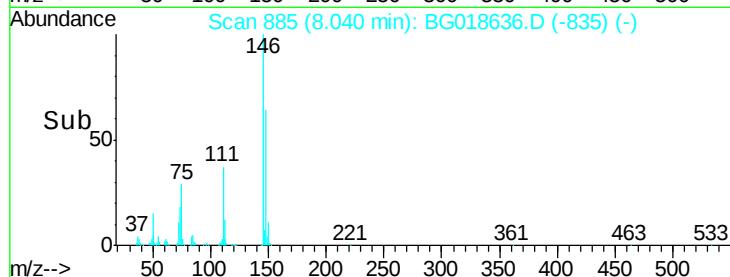
146 100

148 63.8 52.5 78.7

111 37.4 28.3 42.5

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#14

1,2-Dichlorobenzene

Concen: 35.89 ng

RT: 8.36 min Scan# 940

Delta R.T. 0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

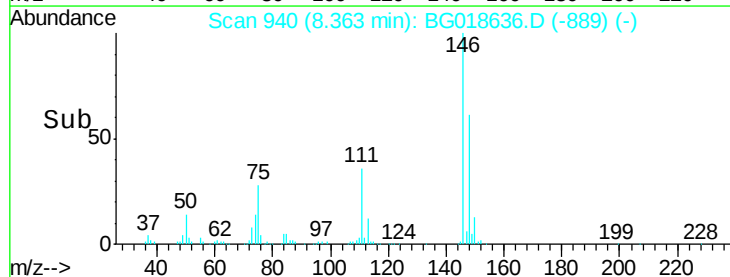
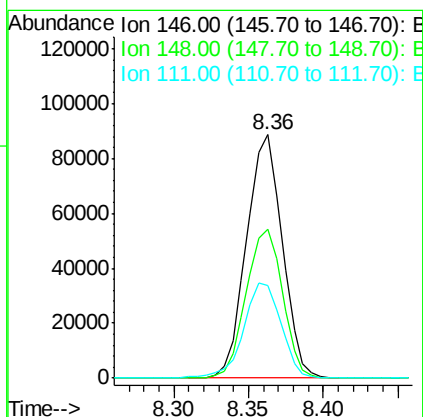
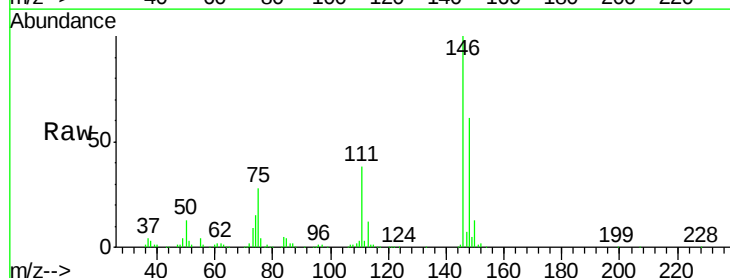
Tgt Ion:146 Resp: 146667

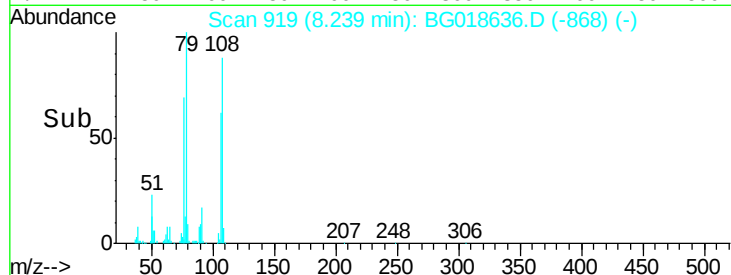
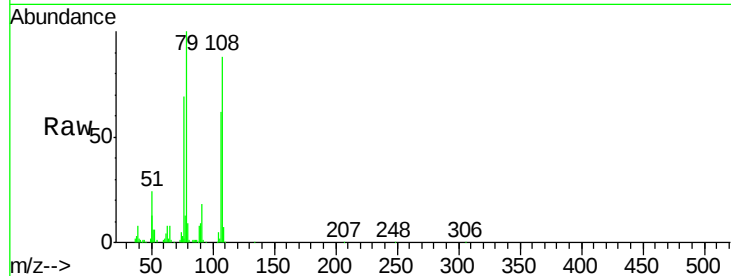
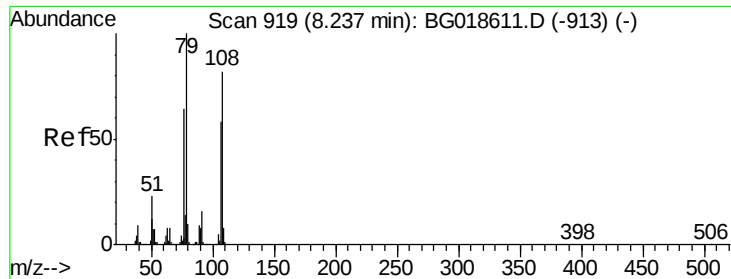
Ion Ratio Lower Upper

146 100

148 61.3 52.5 78.7

111 37.8 29.9 44.9





#15

Benzyl Alcohol

Concen: 36.73 ng

RT: 8.24 min Scan# 919

Delta R.T. 0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 120590 |       |       |
| 108     | 88.0  | 65.5   | 98.3  |       |
| 77      | 68.6  | 51.3   | 76.9  |       |

Instrument :

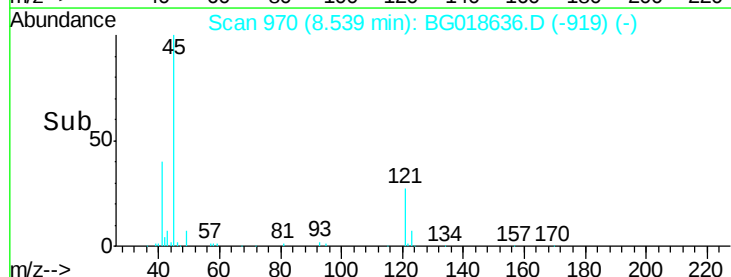
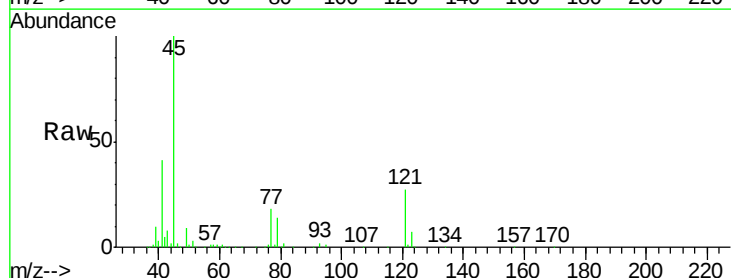
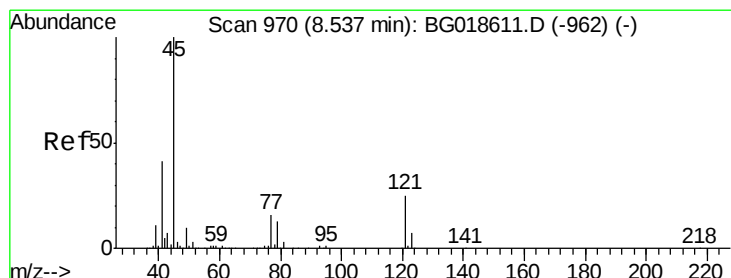
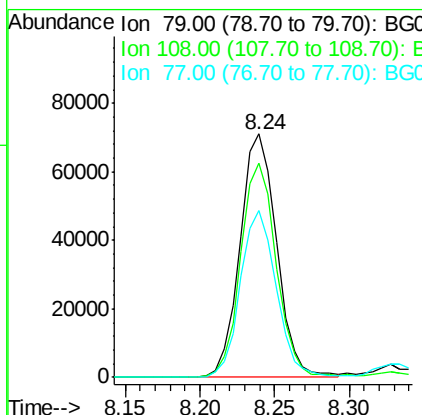
BNA\_G

ClientSampleId :

PB85375BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.18 ng

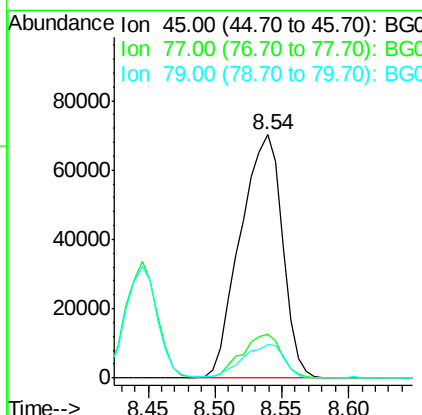
RT: 8.54 min Scan# 970

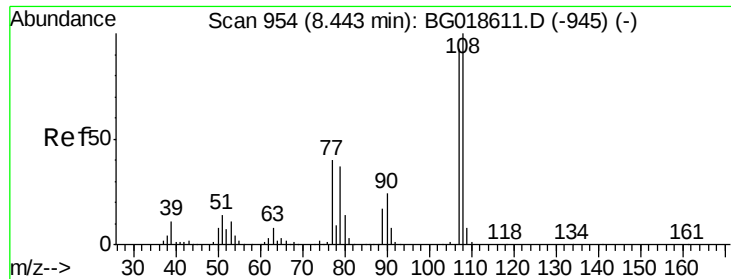
Delta R.T. 0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 153205 |       |       |
| 77      | 18.2  | 0.0    | 37.0  |       |
| 79      | 13.6  | 0.0    | 33.8  |       |





#17

2-Methylphenol

Concen: 38.70 ng

RT: 8.45 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG018636.D

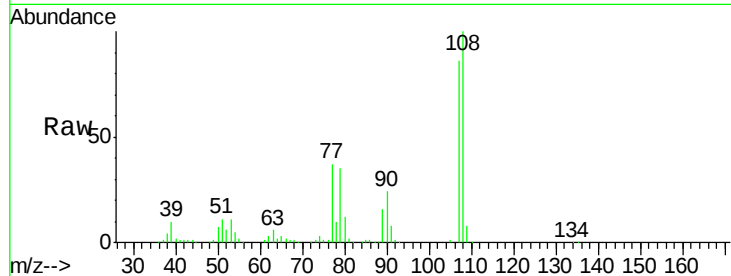
Acq: 11 Sep 2015 13:03

Instrument :

BNA\_G

ClientSampleId :

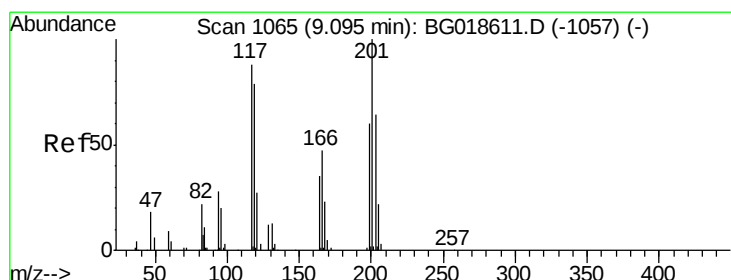
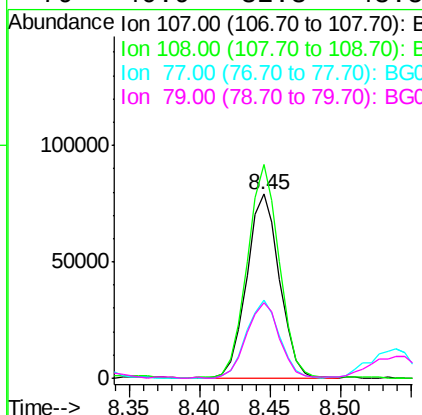
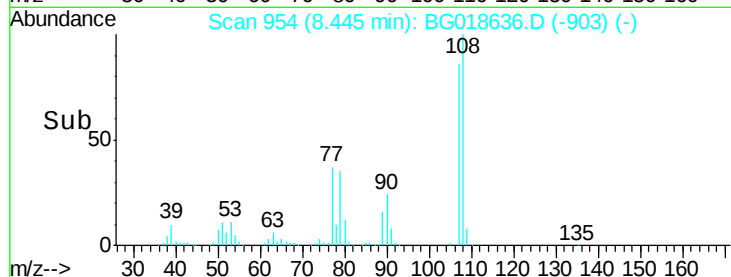
PB85375BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 129397 |       |       |
| 108     | 116.2 | 86.5   | 129.7 |       |
| 77      | 42.8  | 34.6   | 51.8  |       |
| 79      | 40.9  | 32.3   | 48.5  |       |

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#18

Hexachloroethane

Concen: 34.05 ng

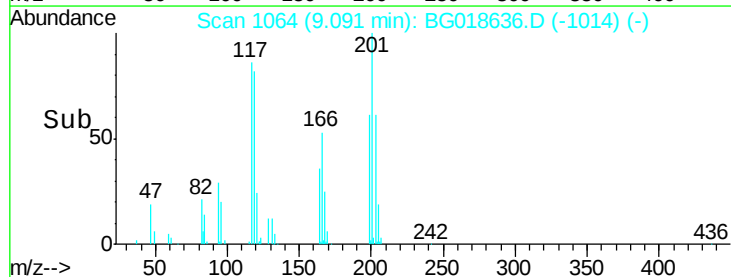
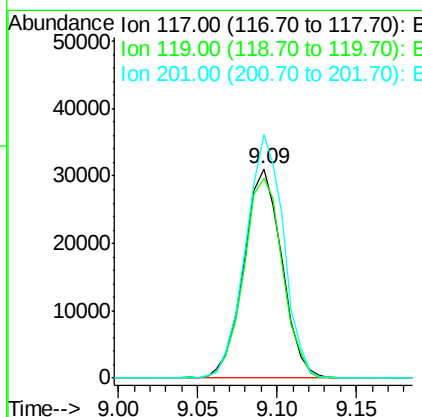
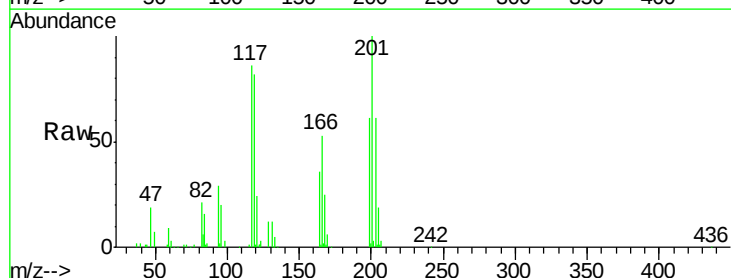
RT: 9.09 min Scan# 1064

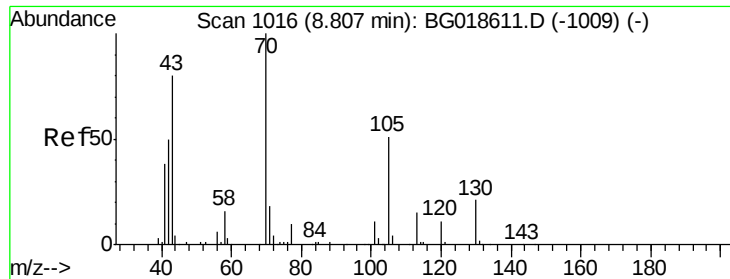
Delta R.T. -0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

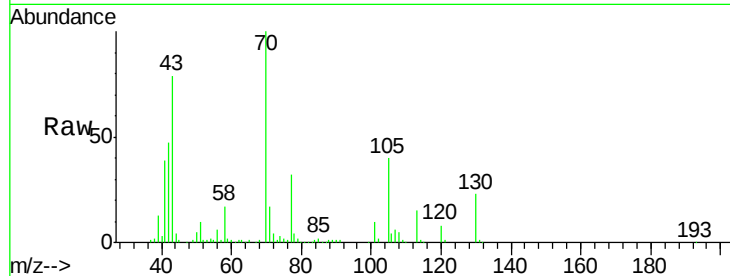
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 52120 |       |       |
| 119     | 95.3  | 71.7  | 107.5 |       |
| 201     | 116.2 | 90.9  | 136.3 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 32.85 ng  
RT: 8.80 min Scan# 1015  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

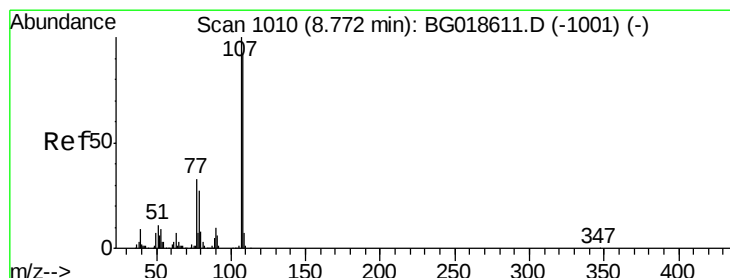
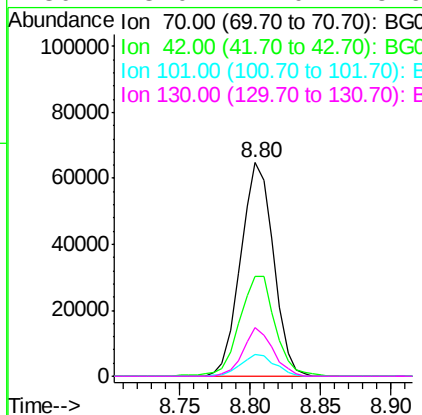
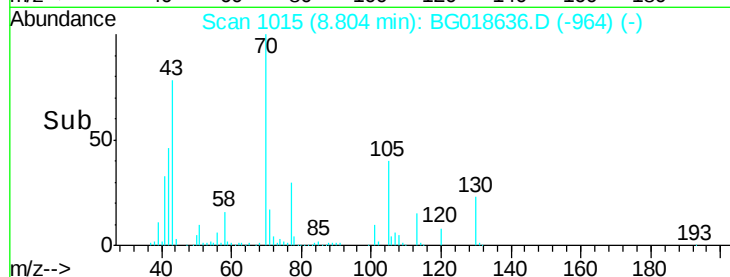
Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 46.6  | 40.6  | 60.8  |
| 101     | 10.4  | 8.6   | 13.0  |
| 130     | 23.0  | 17.0  | 25.6  |

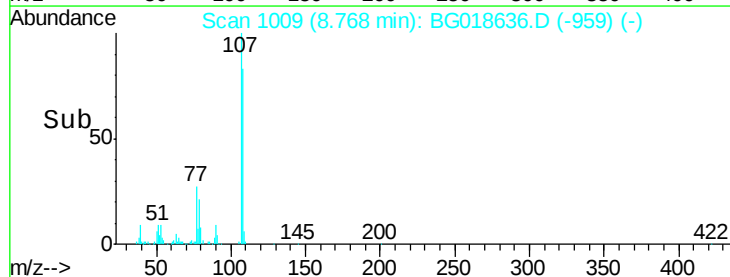
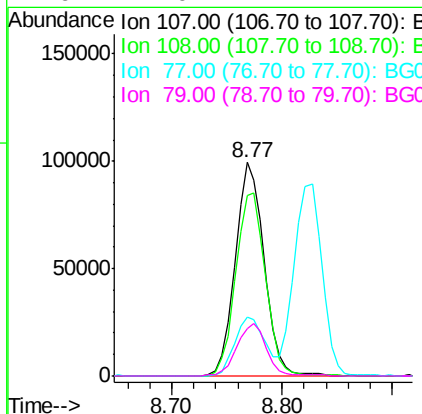
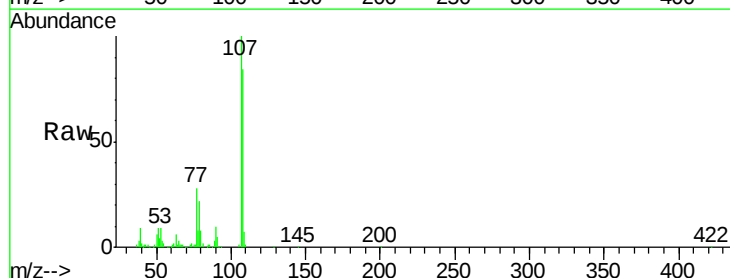
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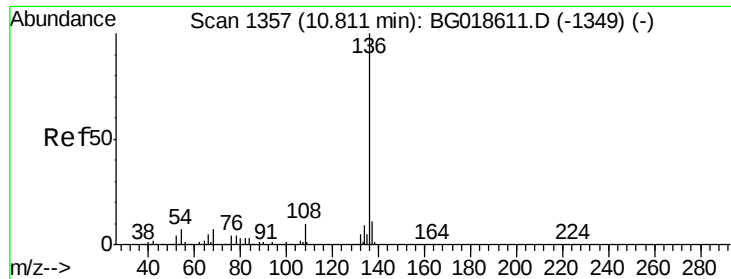
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#20  
3+4-Methylphenols  
Concen: 38.86 ng  
RT: 8.77 min Scan# 1009  
Delta R.T. -0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 84.3  | 72.2  | 112.2 |
| 77      | 27.7  | 13.4  | 53.4  |
| 79      | 22.0  | 7.2   | 47.2  |





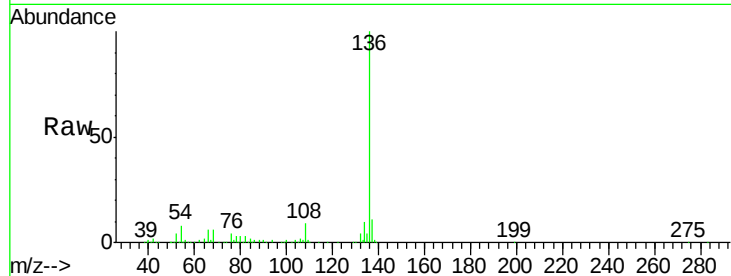
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.81 min Scan# 1357  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

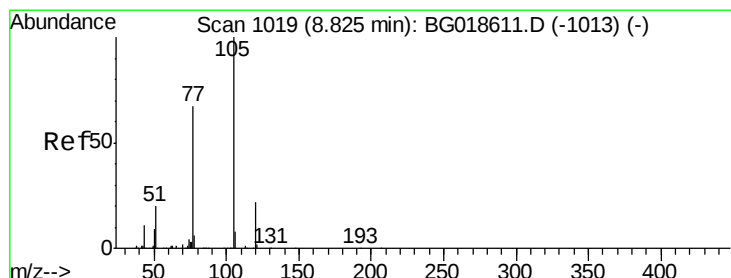
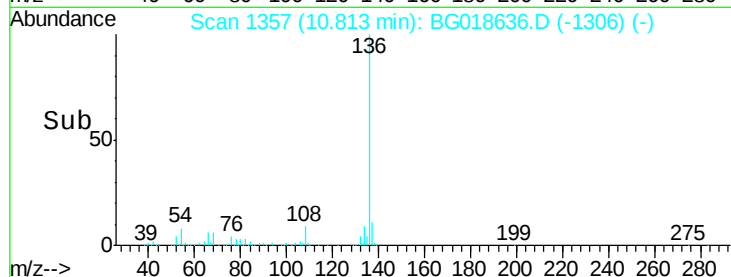
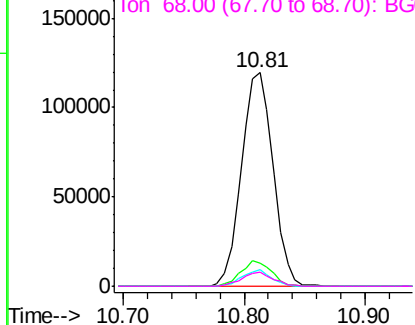
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 136     | 100   |            |            |
| 137     | 10.9  | 8.6        | 12.8       |
| 54      | 8.1   | 5.4        | 8.2        |
| 68      | 6.4   | 5.3        | 7.9        |

Manual Integrations  
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9/14/2015 12:52:12 PM



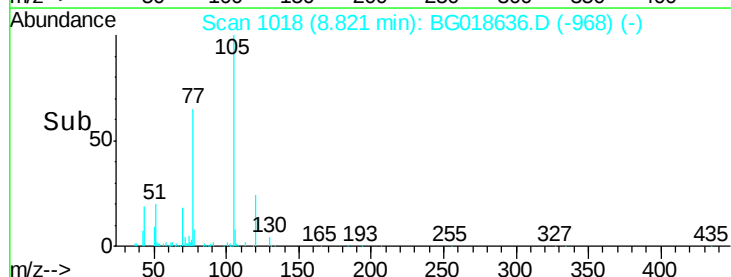
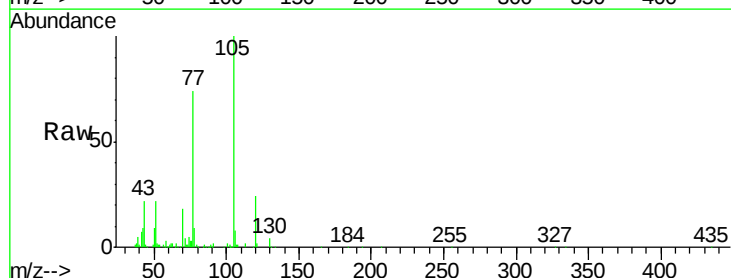
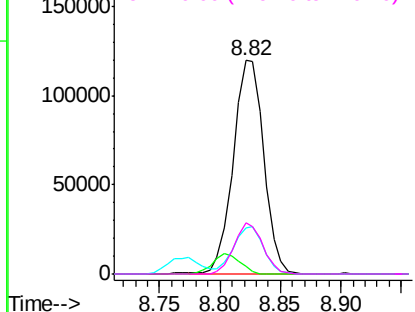
Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

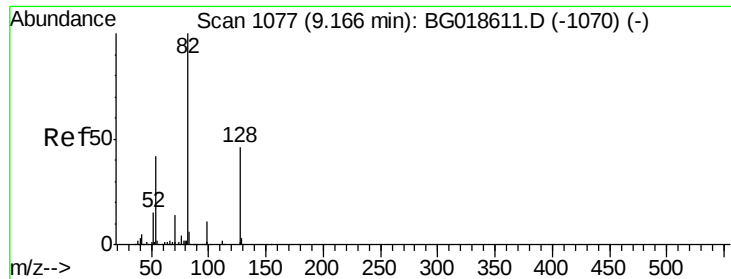


#22  
Acetophenone  
Concen: 38.18 ng  
RT: 8.82 min Scan# 1018  
Delta R.T. -0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 105     | 100   |            |            |
| 71      | 3.6   | 2.1        | 3.1#       |
| 51      | 21.5  | 17.8       | 26.8       |
| 120     | 23.7  | 17.7       | 26.5       |

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





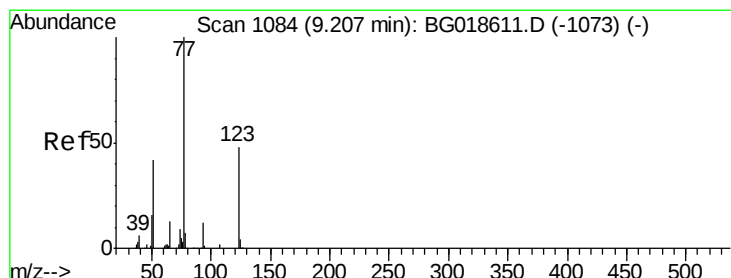
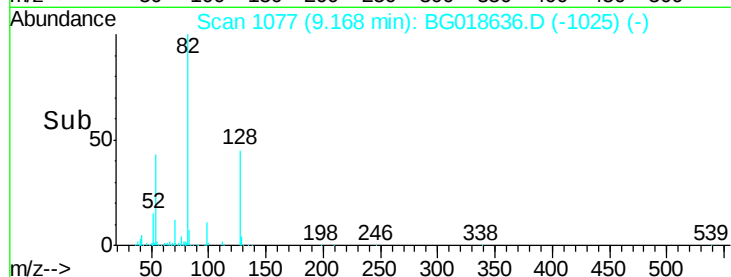
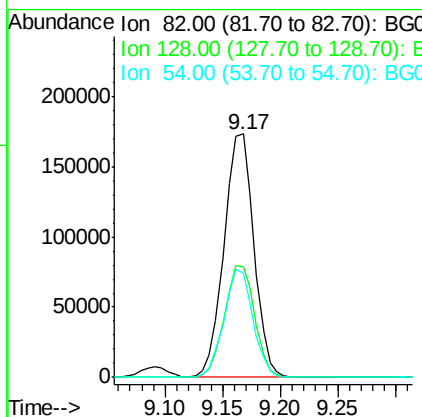
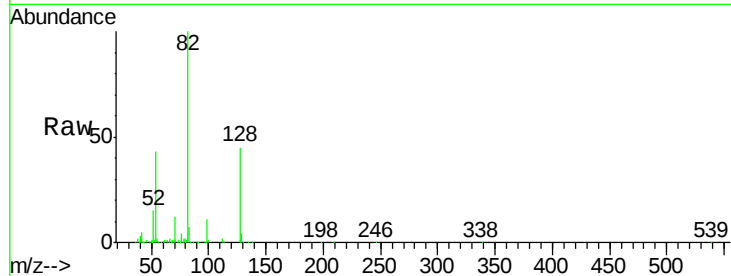
#23  
 Nitrobenzene-d5  
 Concen: 79.81 ng  
 RT: 9.17 min Scan# 1077  
 Delta R.T. 0.01 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85375BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 311180 |       |       |
| 128     | 45.4  | 36.7   | 55.1  |       |
| 54      | 42.7  | 33.8   | 50.8  |       |

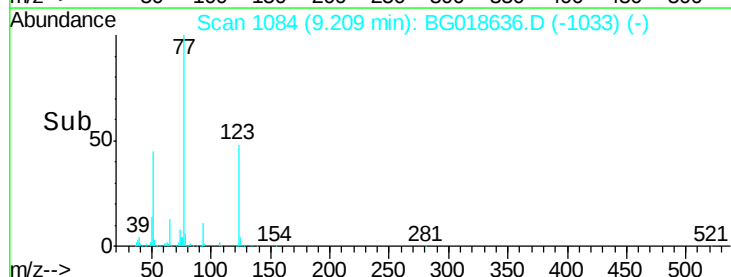
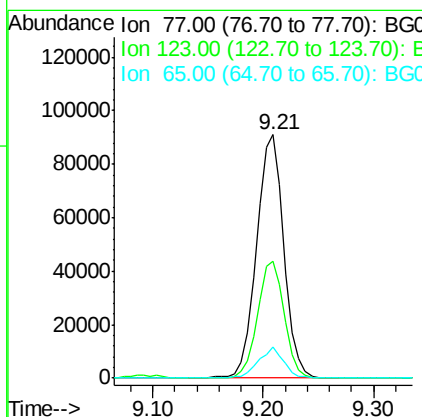
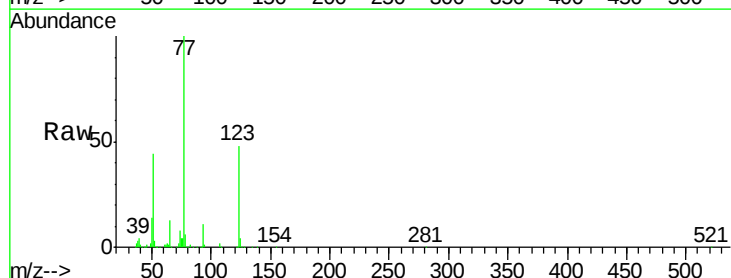
Manual Integrations  
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#24  
 Nitrobenzene  
 Concen: 38.04 ng  
 RT: 9.21 min Scan# 1084  
 Delta R.T. 0.00 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 157485 |       |       |
| 123     | 48.1  | 38.2   | 57.2  |       |
| 65      | 12.7  | 10.6   | 16.0  |       |





#25

Isophorone

Concen: 36.14 ng

RT: 9.73 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

Instrument :

BNA\_G

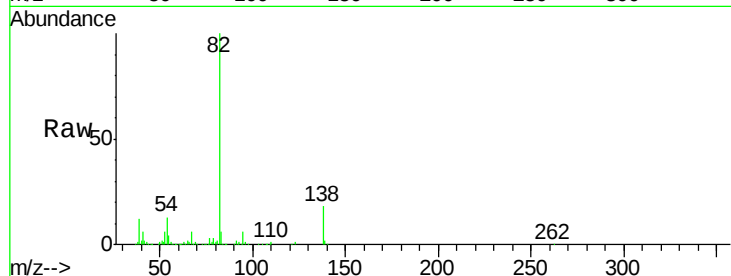
ClientSampleId :

PB85375BS

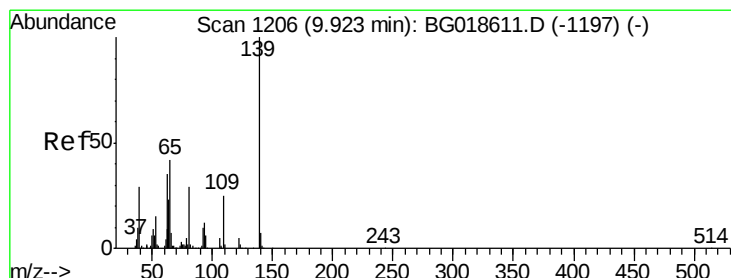
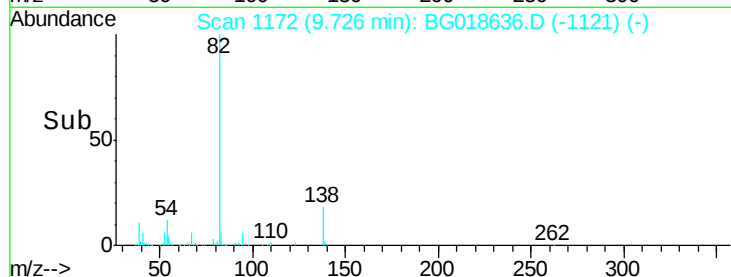
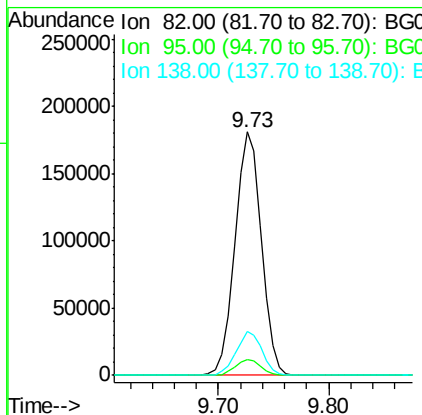
Manual Integrations  
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| Tgt Ion | 82  | 95  | 138  |
|---------|-----|-----|------|
| Ratio   | 100 | 6.4 | 17.9 |
| Lower   |     | 5.2 | 14.4 |
| Upper   |     | 7.8 | 21.6 |



#26

2-Nitrophenol

Concen: 38.84 ng

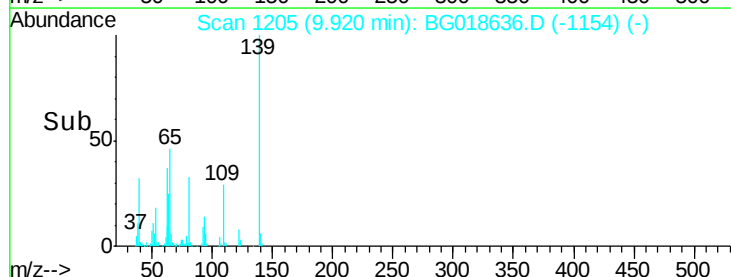
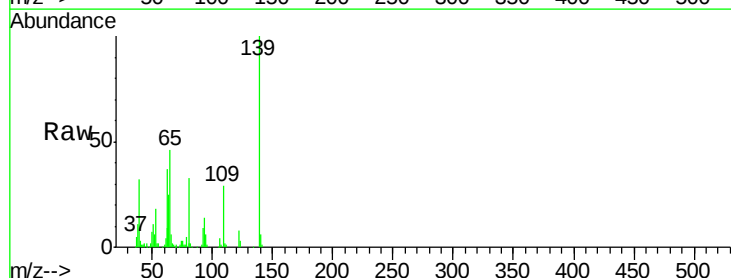
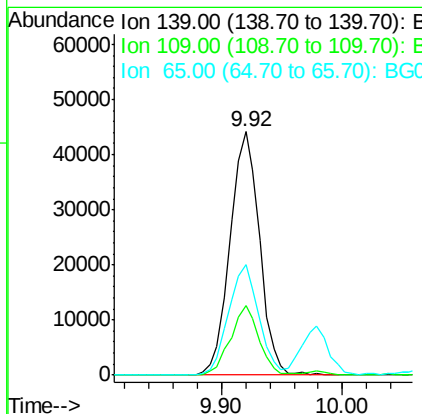
RT: 9.92 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

| Tgt Ion | 139 | 109  | 65   |
|---------|-----|------|------|
| Ratio   | 100 | 28.7 | 45.6 |
| Lower   |     | 20.1 | 34.1 |
| Upper   |     | 30.1 | 51.1 |





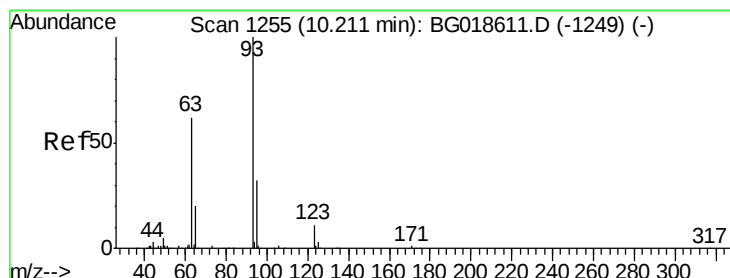
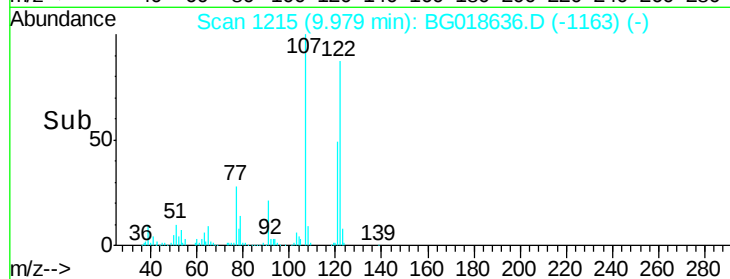
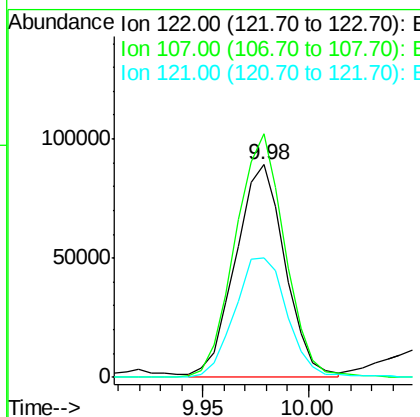
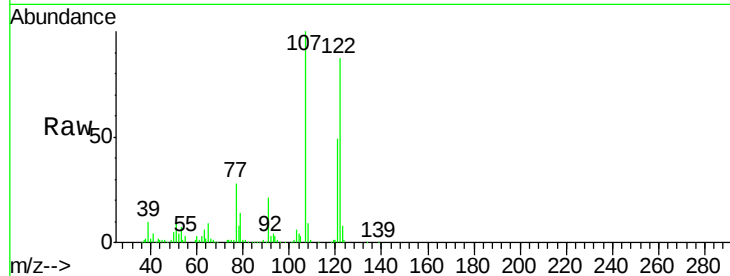
#27  
 2,4-Dimethylphenol  
 Concen: 41.17 ng  
 RT: 9.98 min Scan# 1215  
 Delta R.T. 0.01 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85375BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 144415 |       |       |
| 107     | 114.5 | 91.6   | 137.4 |       |
| 121     | 56.1  | 47.3   | 70.9  |       |

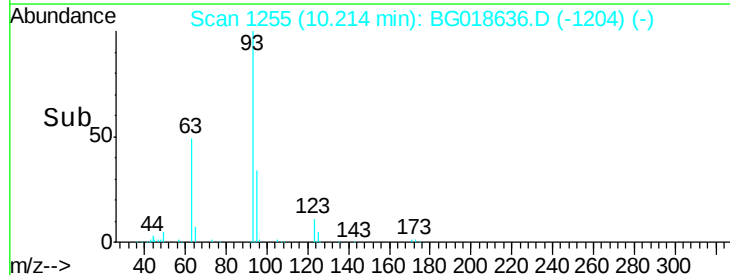
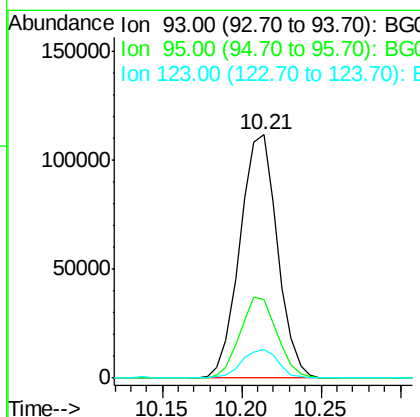
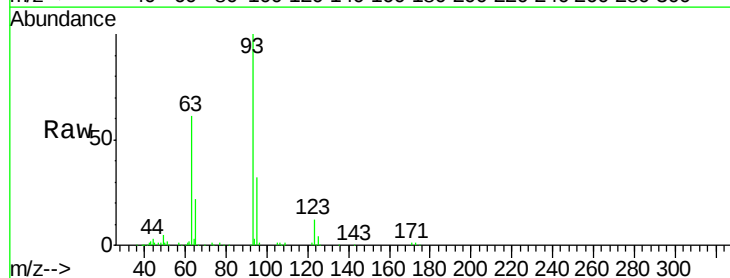
Manual Integrations  
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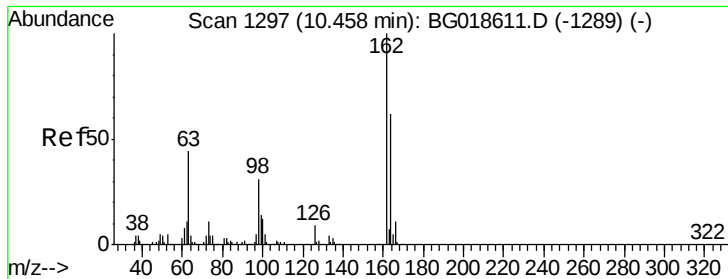
MMDadoda  
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#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.12 ng  
 RT: 10.21 min Scan# 1255  
 Delta R.T. 0.00 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 183524 |       |       |
| 95      | 32.4  | 25.7   | 38.5  |       |
| 123     | 12.0  | 8.6    | 12.8  |       |





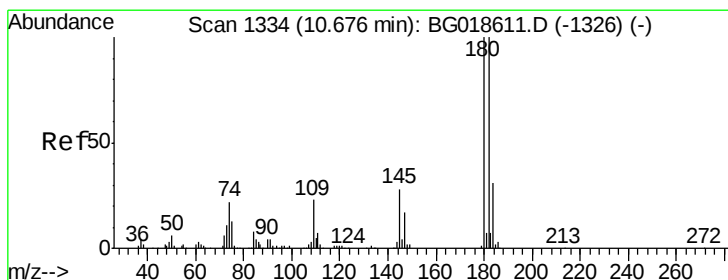
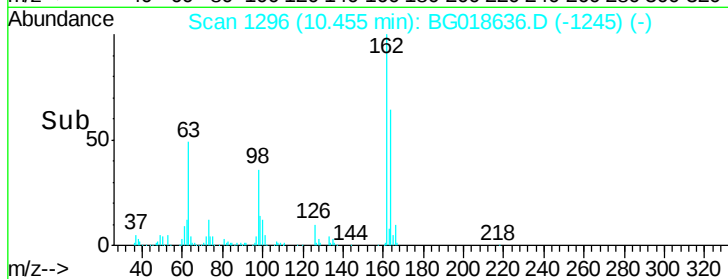
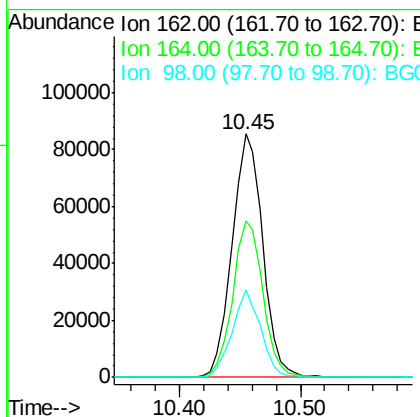
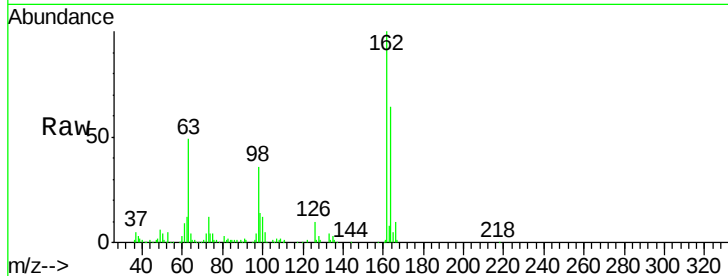
#29  
2,4-Dichlorophenol  
Concen: 42.69 ng  
RT: 10.45 min Scan# 1296  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 64.4  | 42.3       | 82.3       |
| 98      | 35.9  | 11.5       | 51.5       |

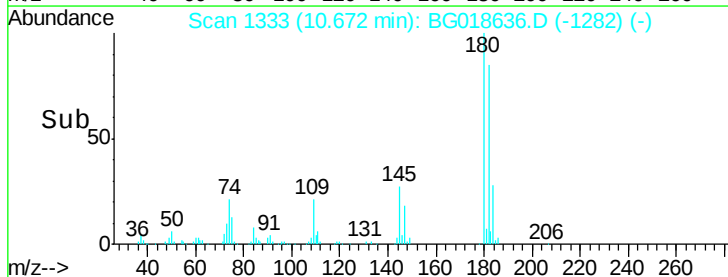
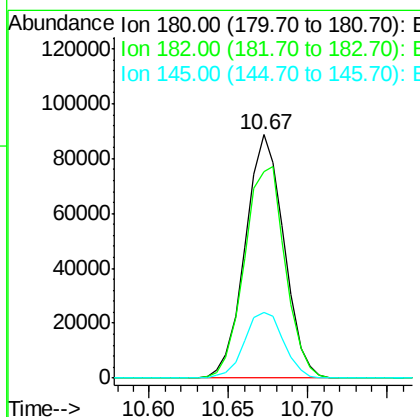
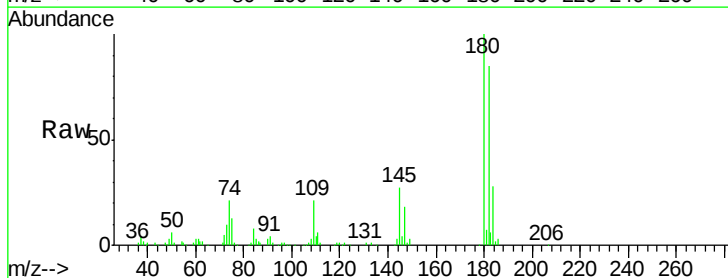
Manual Integrations  
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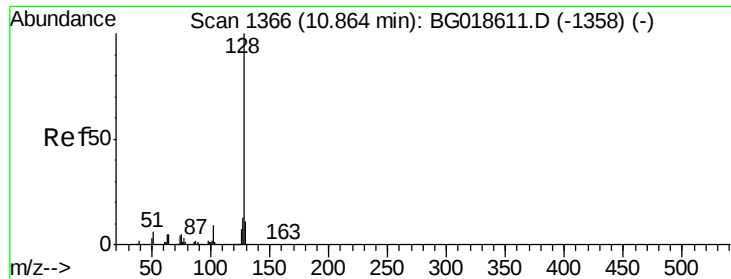
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#30  
1,2,4-Trichlorobenzene  
Concen: 38.34 ng  
RT: 10.67 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 84.9  | 79.7       | 119.5      |
| 145     | 26.9  | 22.0       | 33.0       |





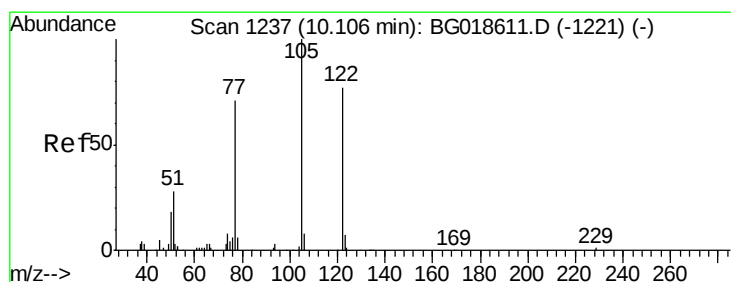
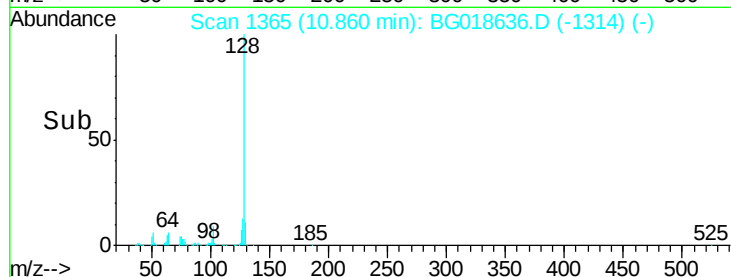
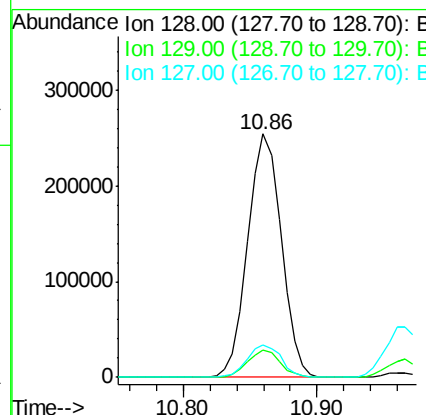
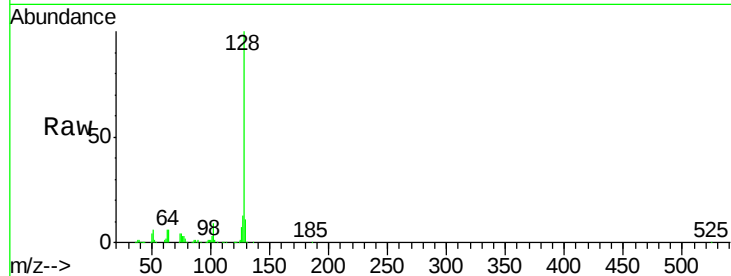
#31  
Naphthalene  
Concen: 37.88 ng  
RT: 10.86 min Scan# 1365  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 442541 |       |       |
| 129     | 11.4  | 8.5    | 12.7  |       |
| 127     | 13.3  | 10.6   | 16.0  |       |

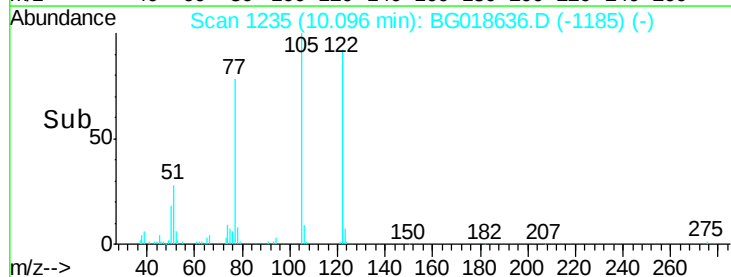
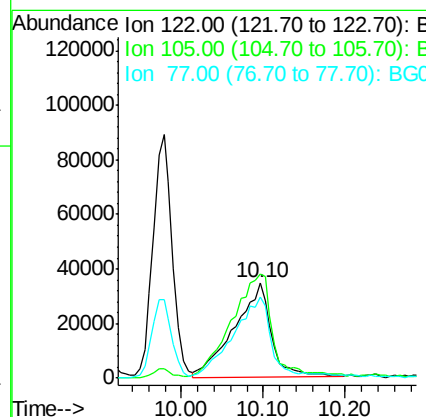
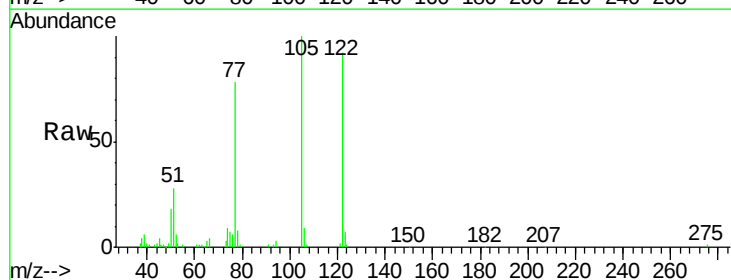
Manual Integrations  
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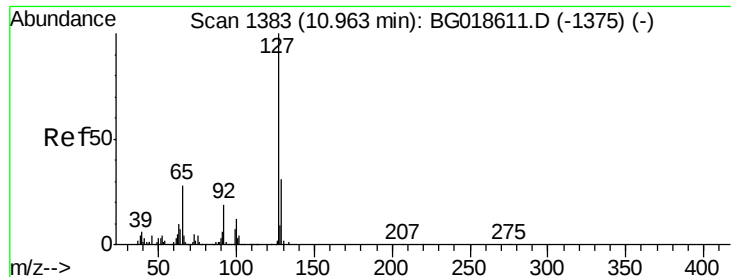
MMDadoda  
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#32  
Benzoic acid  
Concen: 38.44 ng  
RT: 10.10 min Scan# 1235  
Delta R.T. -0.01 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 106409 |       |       |
| 105     | 108.7 | 103.8  | 143.8 |       |
| 77      | 85.2  | 68.8   | 108.8 |       |





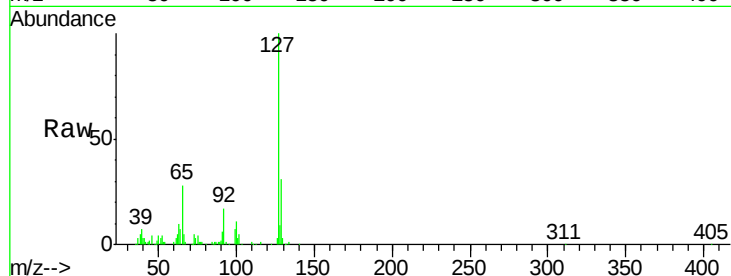
#33  
4-Chloroaniline  
Concen: 18.89 ng  
RT: 10.96 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

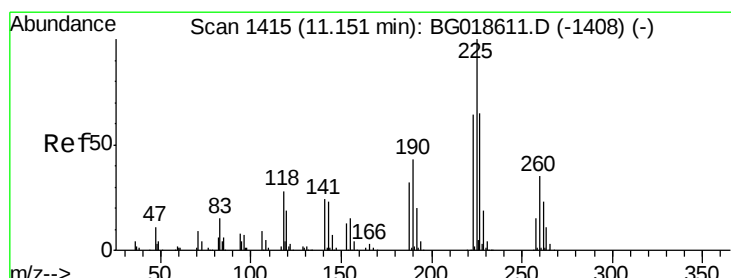
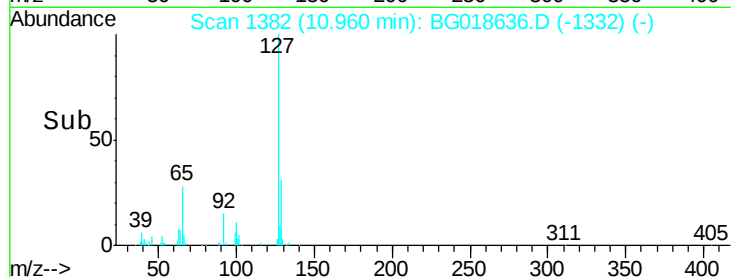
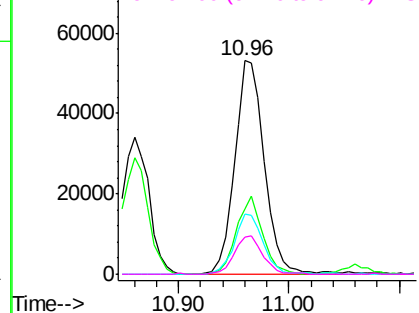
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 30.8  | 24.6  | 37.0  |
| 65      | 28.3  | 22.6  | 33.8  |
| 92      | 17.3  | 15.1  | 22.7  |

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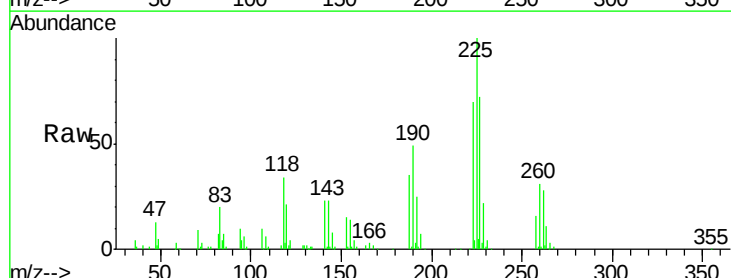


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

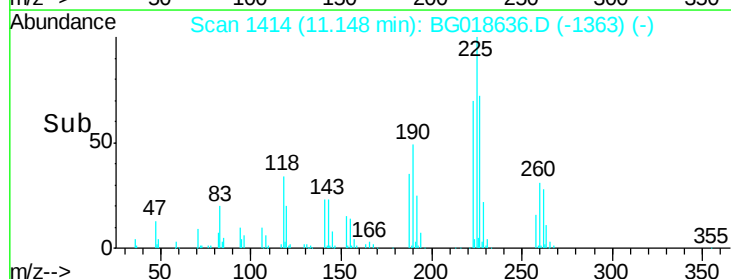
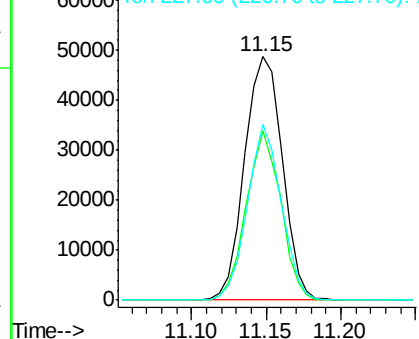


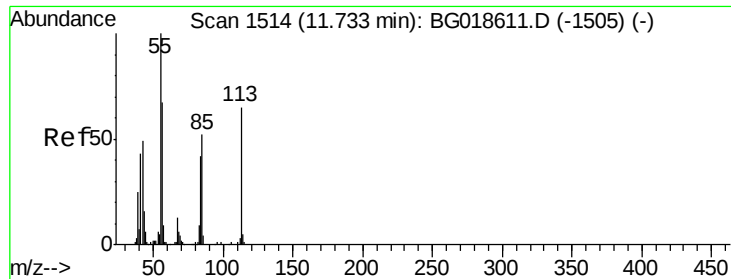
#34  
Hexachlorobutadiene  
Concen: 36.91 ng  
RT: 11.15 min Scan# 1414  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 69.5  | 51.0  | 76.4  |
| 227     | 72.2  | 51.8  | 77.8  |



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





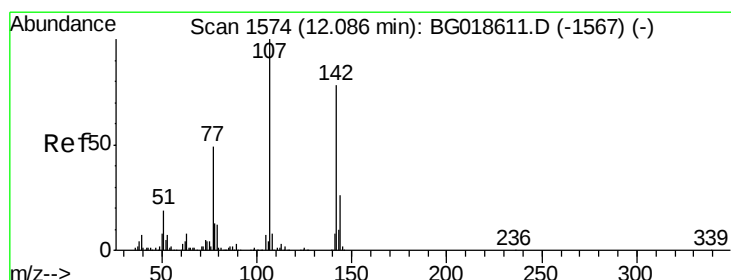
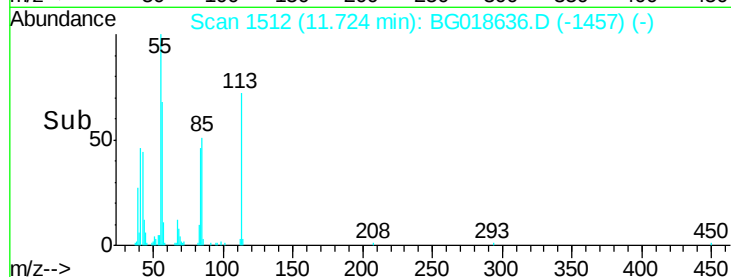
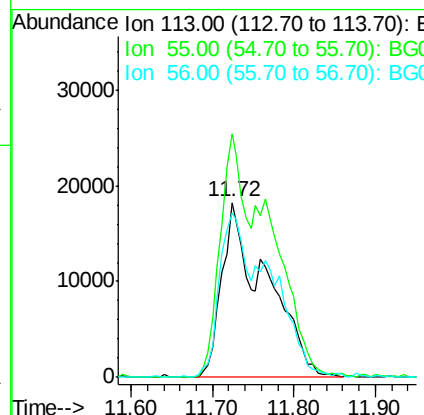
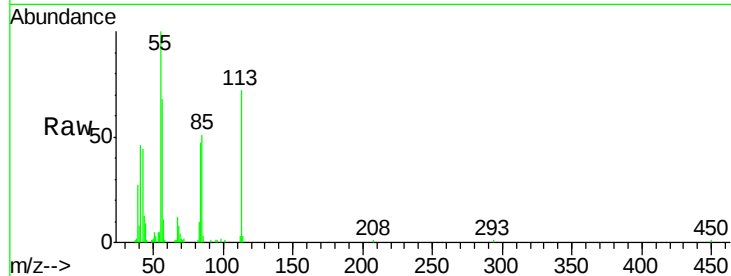
#35  
 Caprolactam  
 Concen: 45.22 ng m  
 RT: 11.72 min Scan# 1512  
 Delta R.T. 0.03 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85375BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 139.2 | 135.0 | 175.0 |
| 56      | 94.1  | 83.4  | 123.4 |

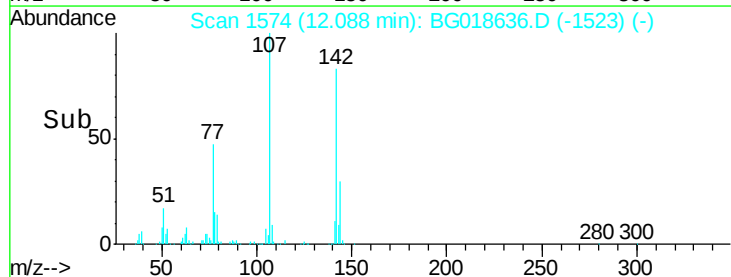
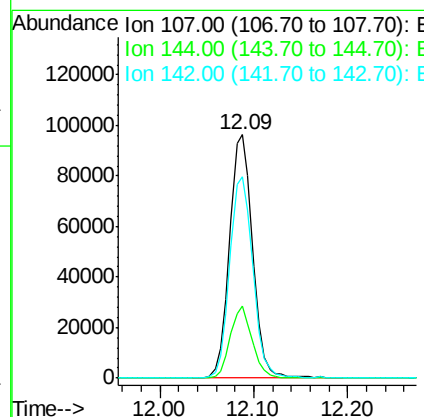
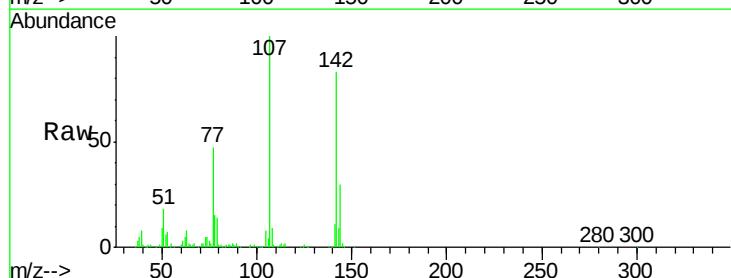
Manual Integrations  
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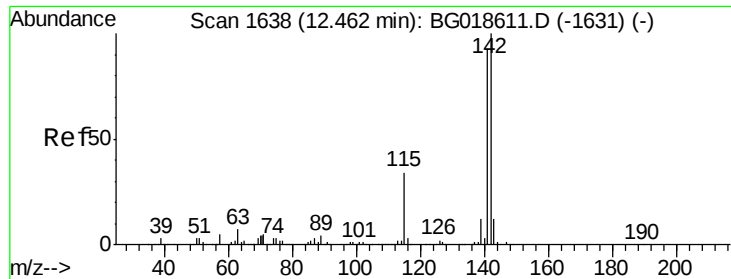
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 9/14/2015 12:52:12 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.55 ng  
 RT: 12.09 min Scan# 1574  
 Delta R.T. 0.00 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 29.6  | 20.6  | 31.0  |
| 142     | 82.7  | 62.6  | 93.8  |





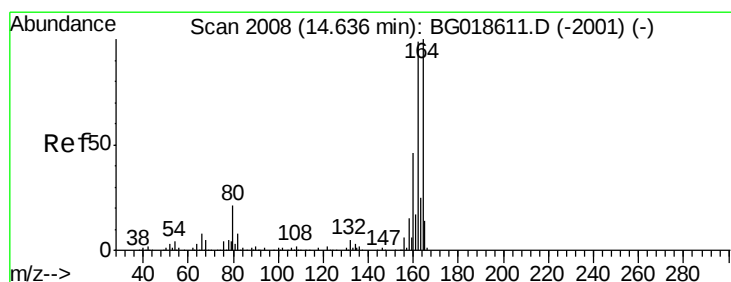
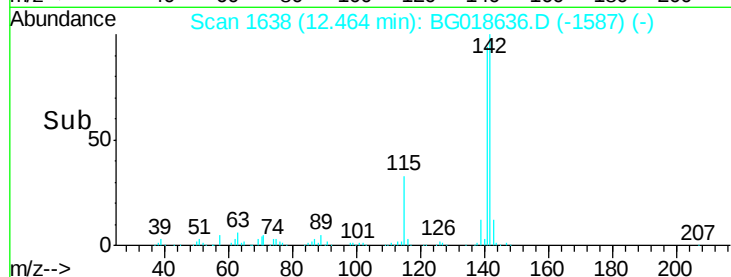
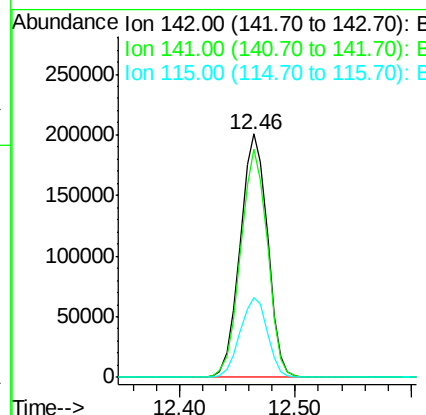
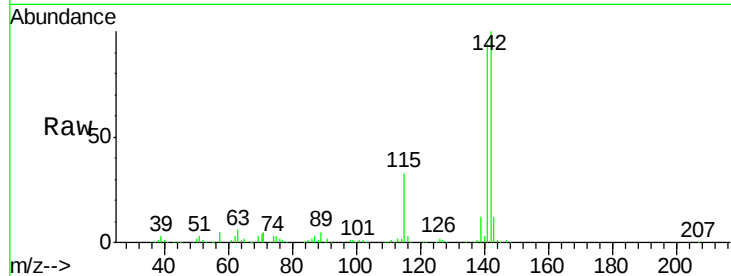
#37  
2-Methylnaphthalene  
Concen: 38.44 ng  
RT: 12.46 min Scan# 1638  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.9  | 74.6  | 112.0 |
| 115     | 32.6  | 27.4  | 41.0  |

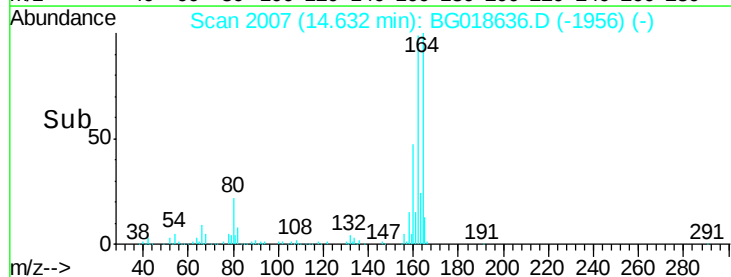
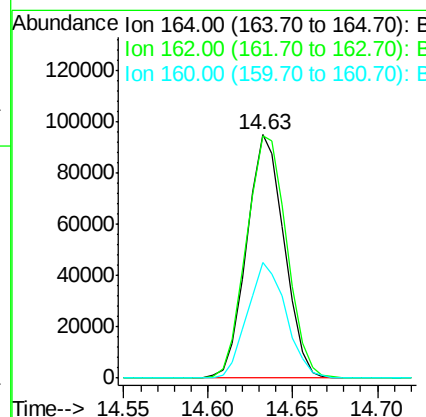
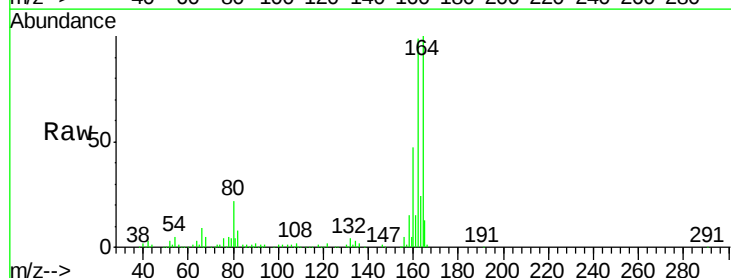
Manual Integrations  
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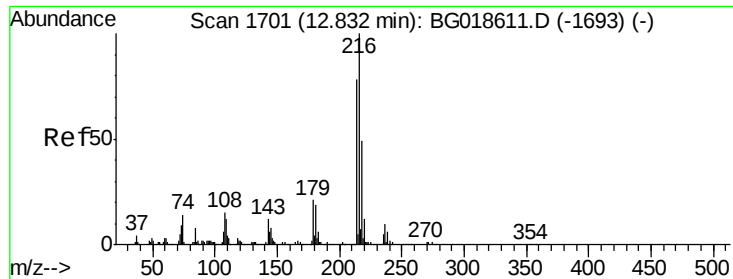
MMDadoda  
9/14/2015 12:52:12 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.63 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 99.5  | 78.8  | 118.2 |
| 160     | 47.5  | 36.4  | 54.6  |





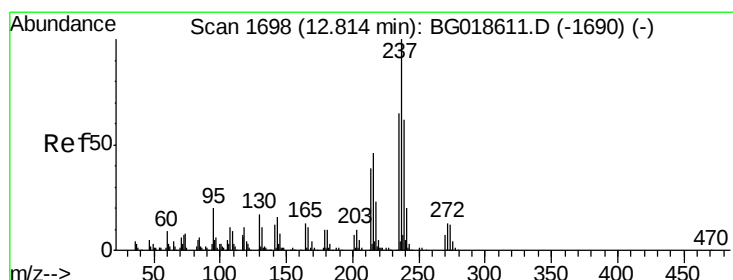
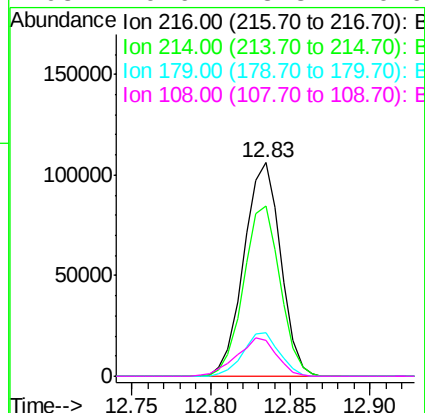
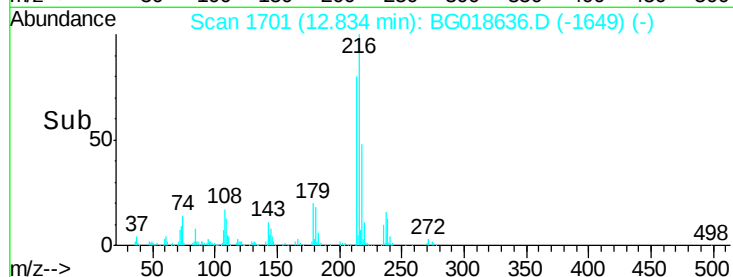
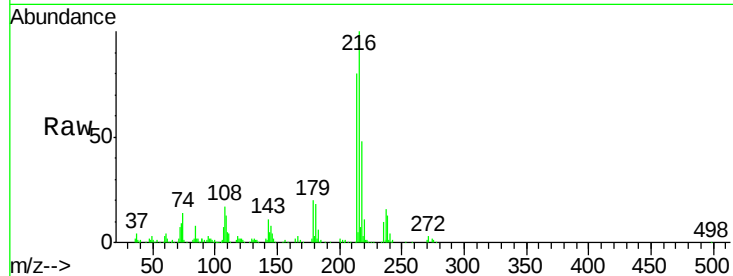
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 36.86 ng  
 RT: 12.83 min Scan# 1701  
 Delta R.T. 0.01 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85375BS

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 79.5  | 62.5       | 93.7  |
| 179     | 20.2  | 15.6       | 23.4  |
| 108     | 19.6  | 13.3       | 19.9  |

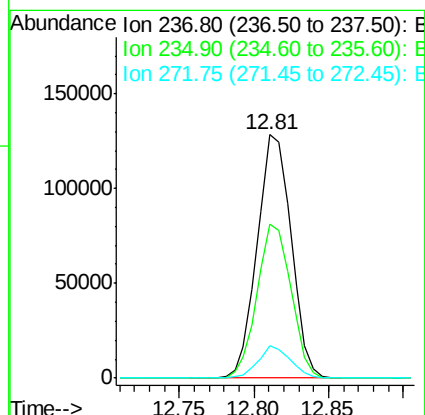
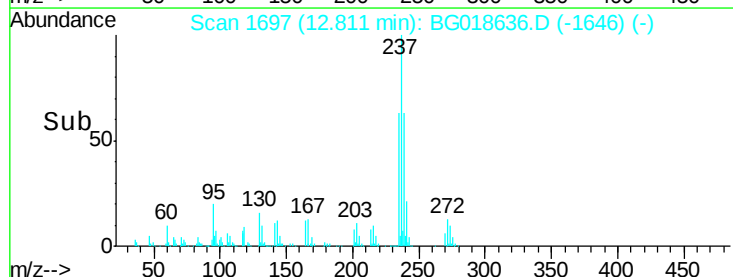
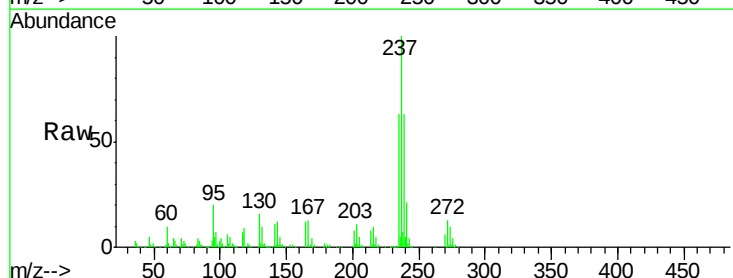
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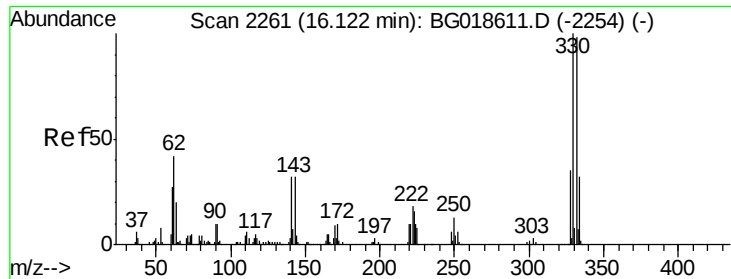
MMDadoda  
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#40  
 Hexachlorocyclopentadiene  
 Concen: 86.87 ng  
 RT: 12.81 min Scan# 1697  
 Delta R.T. 0.00 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 63.0  | 44.6       | 84.6  |
| 272     | 13.4  | 0.0        | 32.8  |





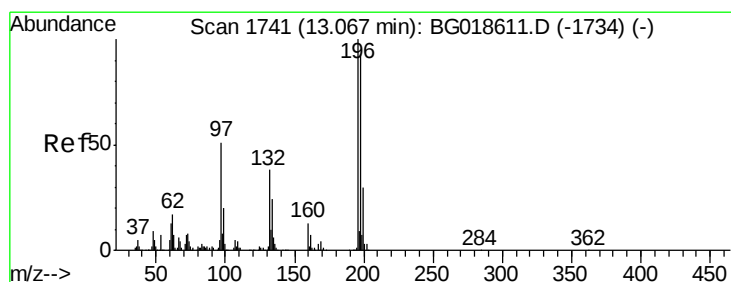
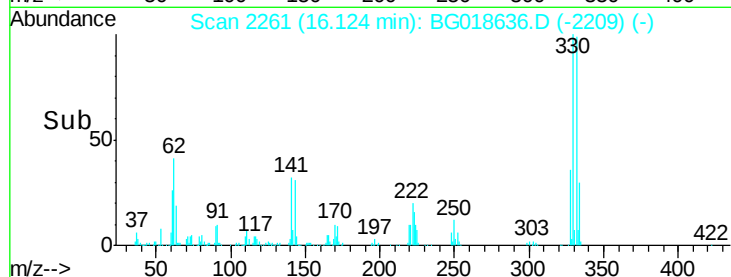
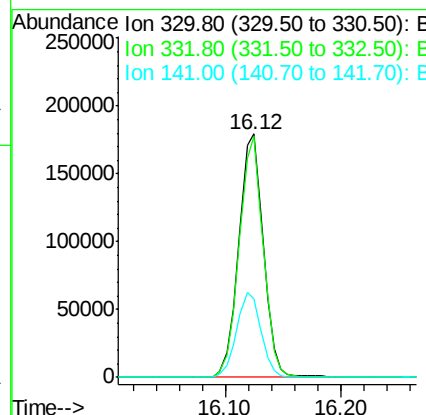
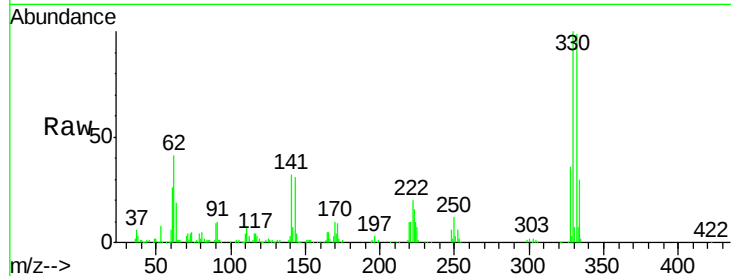
#41  
 2,4,6-Tribromophenol  
 Concen: 134.84 ng  
 RT: 16.12 min Scan# 2261  
 Delta R.T. 0.01 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85375BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 264829 |       |       |
| 332     | 96.2  | 78.1   | 117.1 |       |
| 141     | 34.9  | 28.2   | 42.2  |       |

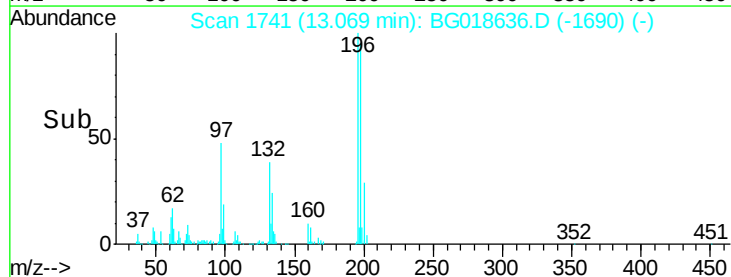
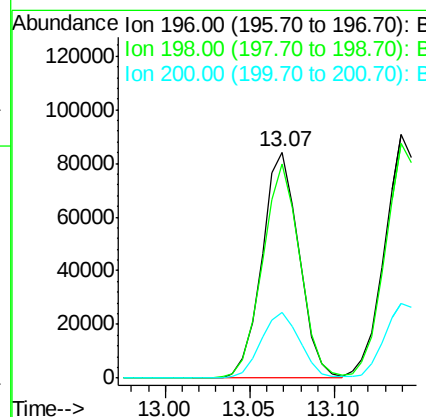
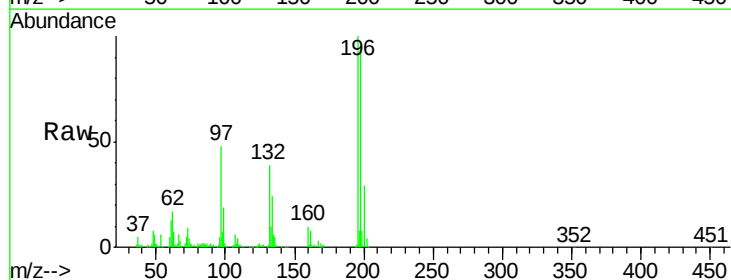
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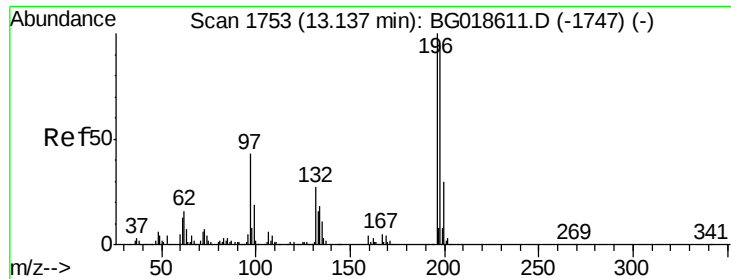
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#42  
 2,4,6-Trichlorophenol  
 Concen: 39.97 ng  
 RT: 13.07 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 128071 |       |       |
| 198     | 94.7  | 74.7   | 112.1 |       |
| 200     | 29.2  | 24.1   | 36.1  |       |





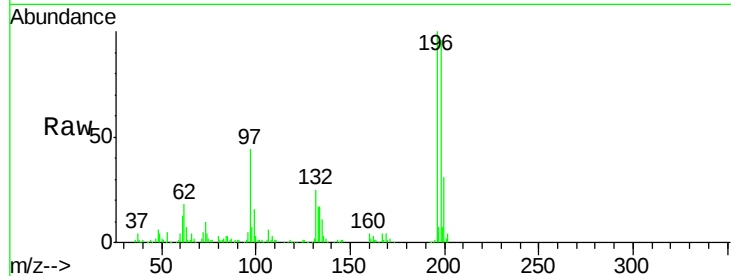
#43  
2,4,5-Trichlorophenol  
Concen: 41.33 ng  
RT: 13.14 min Scan# 1753  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

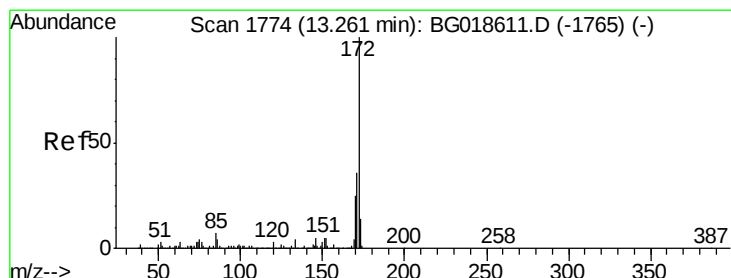
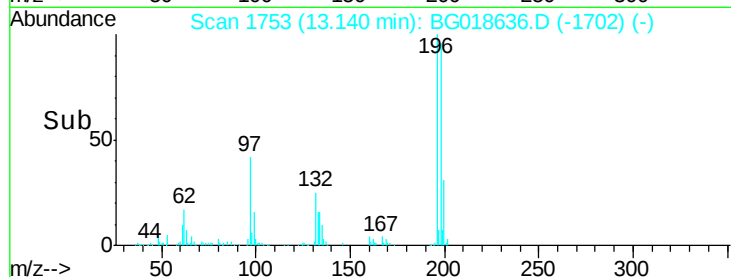
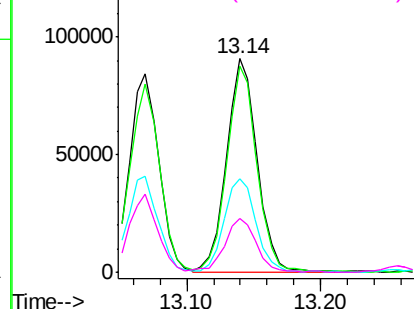
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 145256 |       |       |
| 198     | 96.3  | 75.2   | 112.8 |       |
| 97      | 43.8  | 34.2   | 51.2  |       |
| 132     | 25.5  | 21.8   | 32.6  |       |

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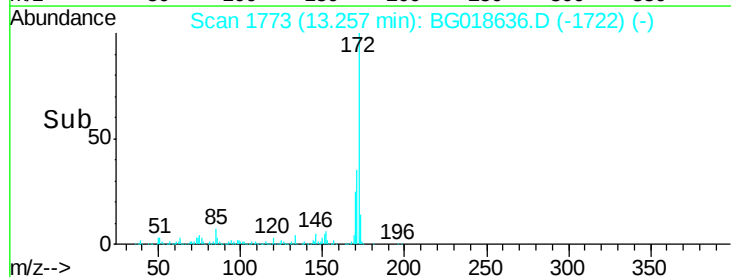
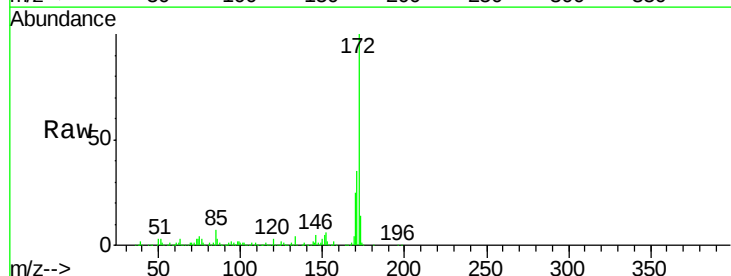
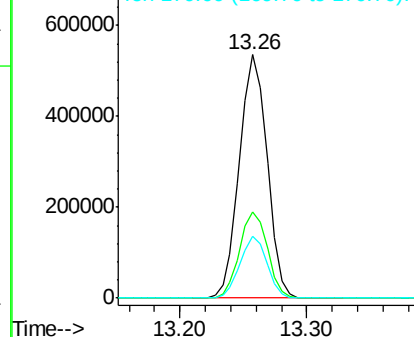
Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BG  
Ion 132.00 (131.70 to 132.70): E

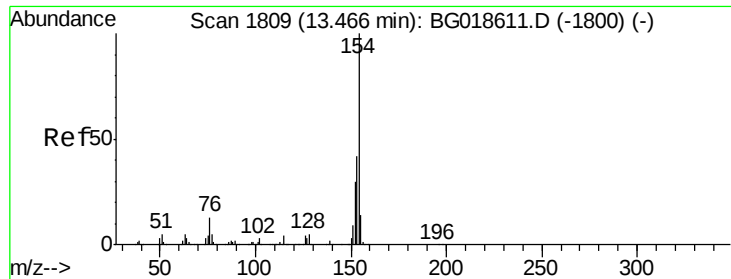


#44  
2-Fluorobiphenyl  
Concen: 77.15 ng  
RT: 13.26 min Scan# 1773  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 810640 |       |       |
| 171     | 35.3  | 29.0   | 43.6  |       |
| 170     | 25.2  | 19.9   | 29.9  |       |

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





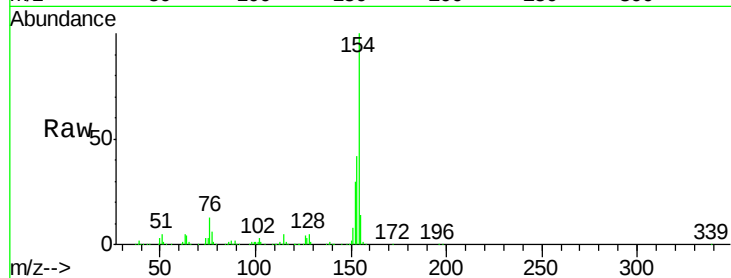
#45  
1,1'-Biphenyl  
Concen: 38.05 ng  
RT: 13.47 min Scan# 1809  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

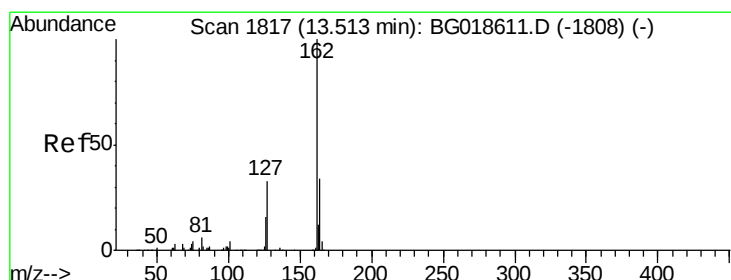
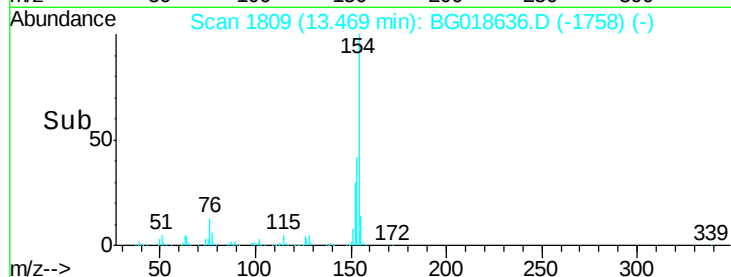
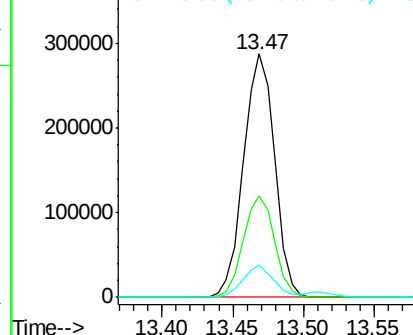
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 41.9  | 21.9 | 61.9  |       |
| 76      | 13.2  | 0.0  | 33.2  |       |

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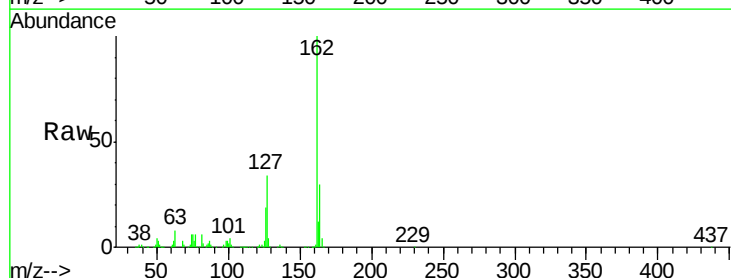


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BGC

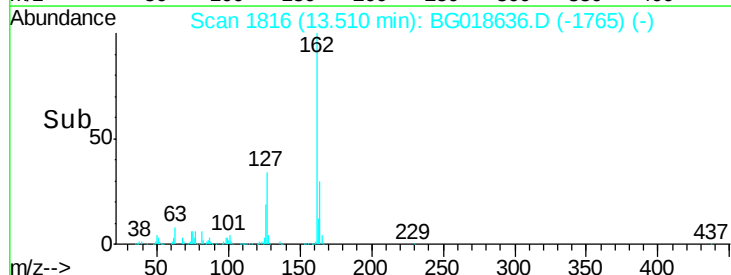
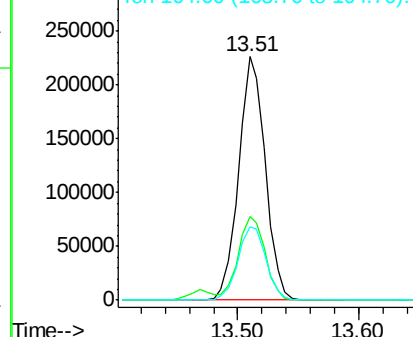


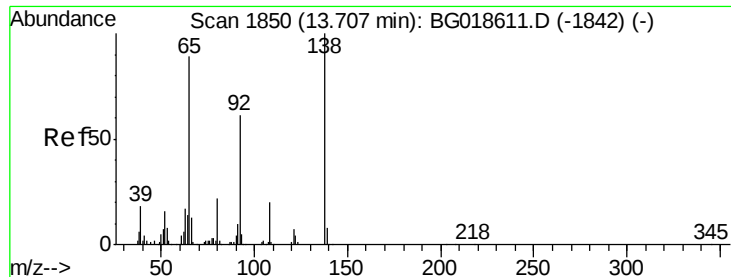
#46  
2-Chloronaphthalene  
Concen: 38.75 ng  
RT: 13.51 min Scan# 1816  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 34.2  | 28.3 | 42.5  |       |
| 164     | 30.0  | 27.4 | 41.0  |       |



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: 41.92 ng

RT: 13.71 min Scan# 1850

Delta R.T. 0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

Instrument :

BNA\_G

ClientSampleId :

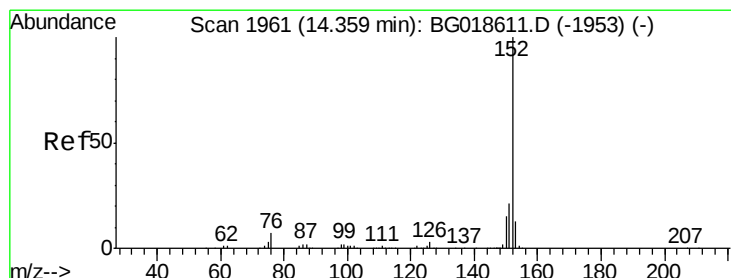
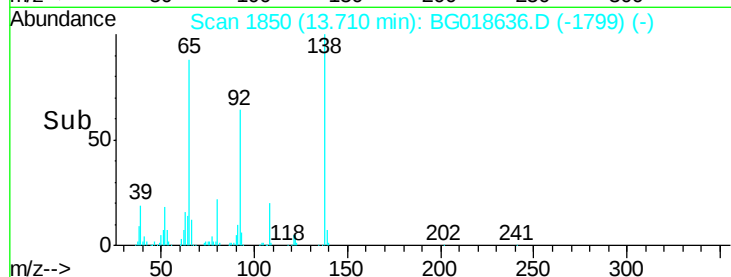
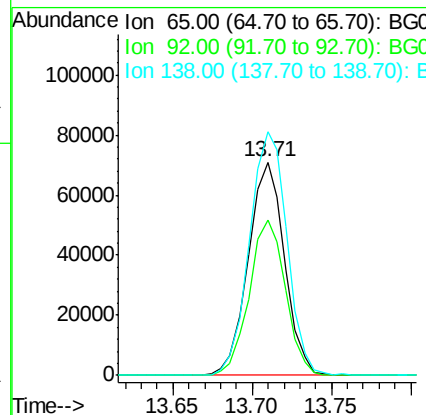
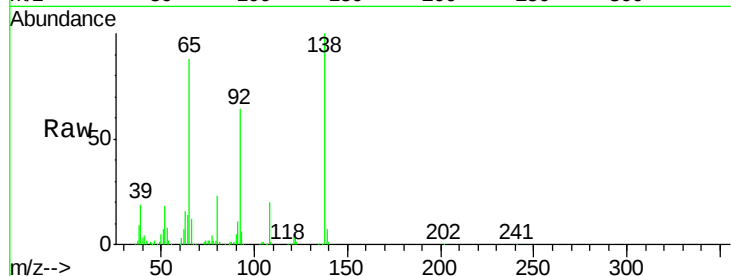
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 72.6  | 54.8  | 82.2  |
| 138     | 114.2 | 89.6  | 134.4 |



#48

Acenaphthylene

Concen: 39.31 ng

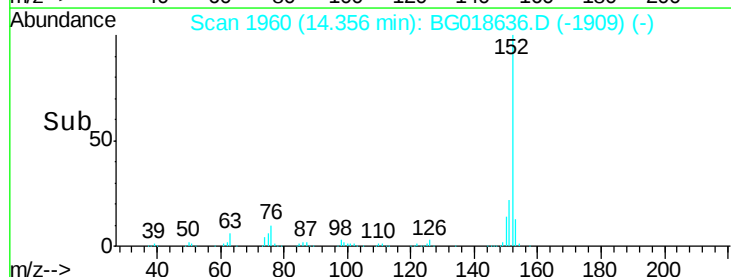
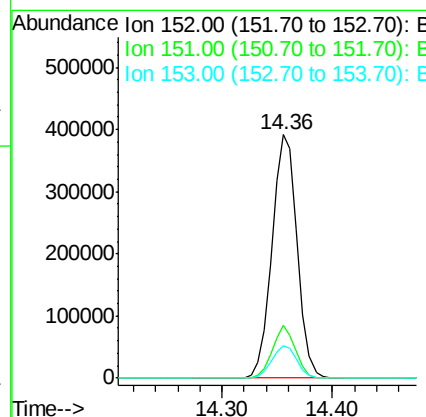
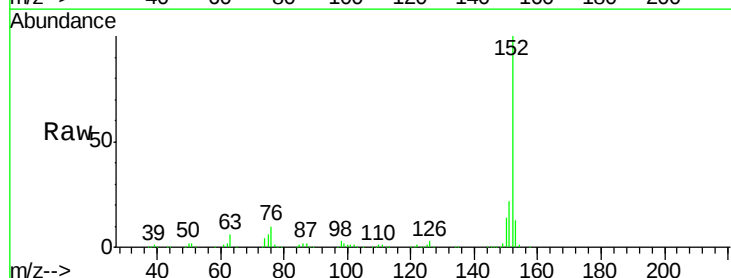
RT: 14.36 min Scan# 1960

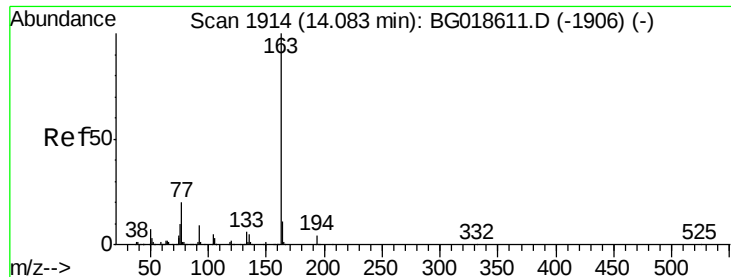
Delta R.T. 0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.6  | 17.0  | 25.4  |
| 153     | 13.3  | 10.4  | 15.6  |





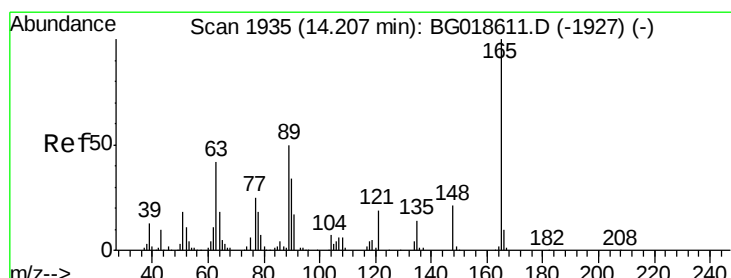
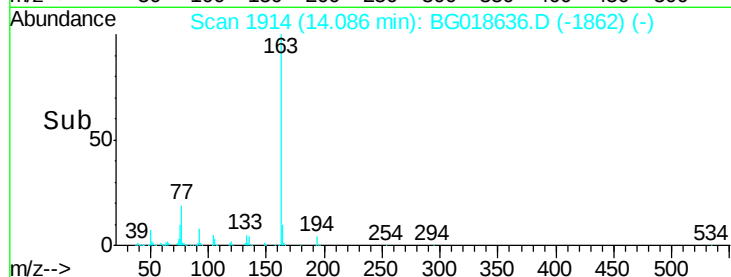
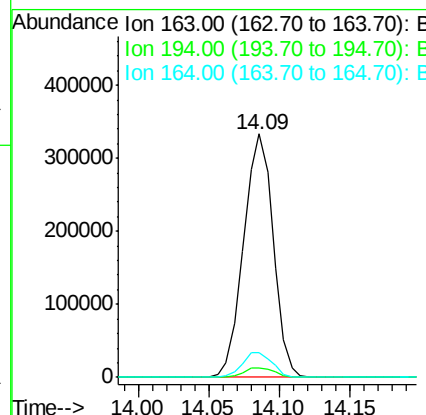
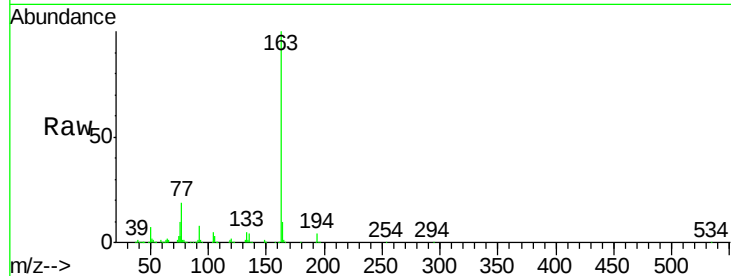
#49  
Dimethylphthalate  
Concen: 40.54 ng  
RT: 14.09 min Scan# 1914  
Delta R.T. 0.01 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 163     | 100   |            |            |
| 194     | 4.1   | 3.1        | 4.7        |
| 164     | 10.0  | 8.8        | 13.2       |

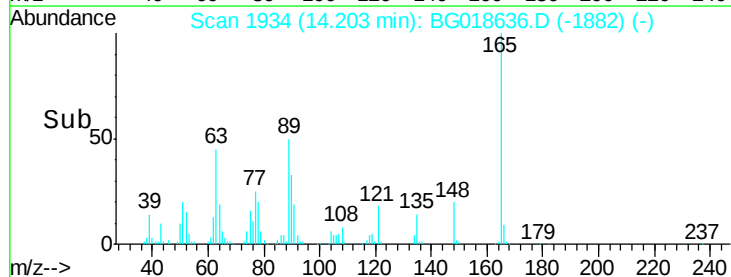
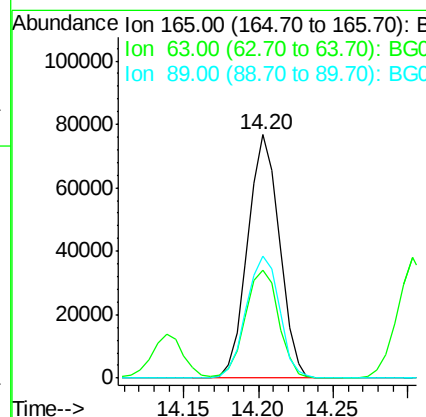
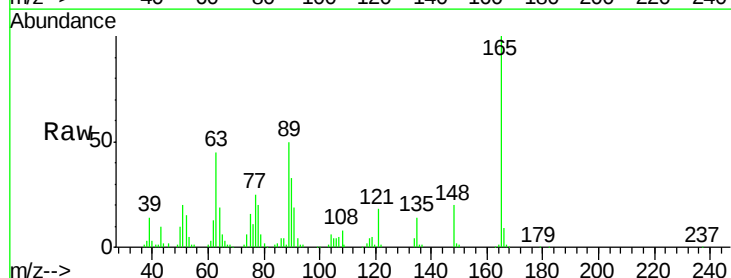
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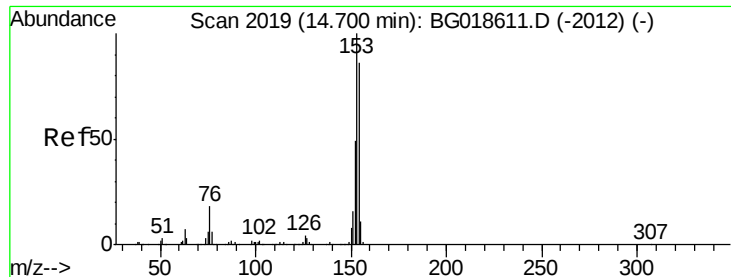
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#50  
2,6-Dinitrotoluene  
Concen: 42.96 ng  
RT: 14.20 min Scan# 1934  
Delta R.T. 0.01 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 165     | 100   |            |            |
| 63      | 44.6  | 35.7       | 53.5       |
| 89      | 50.1  | 39.7       | 59.5       |





#51

Acenaphthene

Concen: 39.30 ng

RT: 14.70 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

Instrument :

BNA\_G

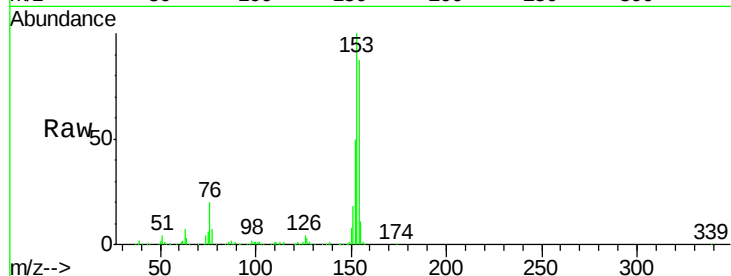
ClientSampleId :

PB85375BS

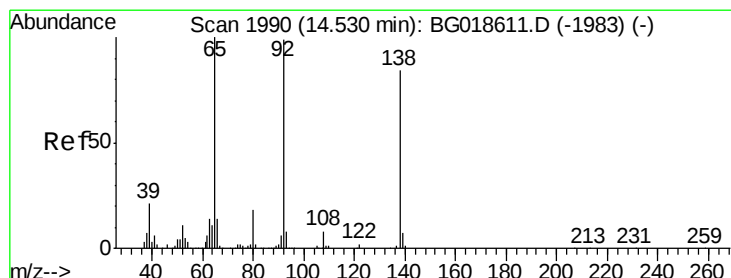
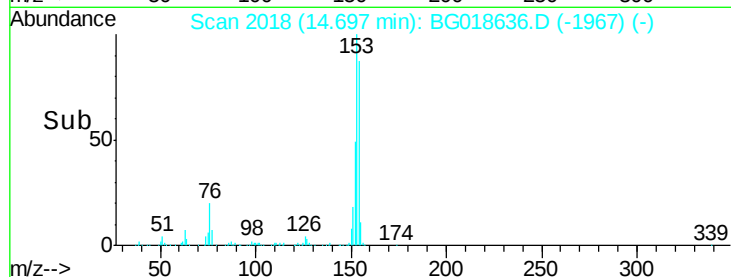
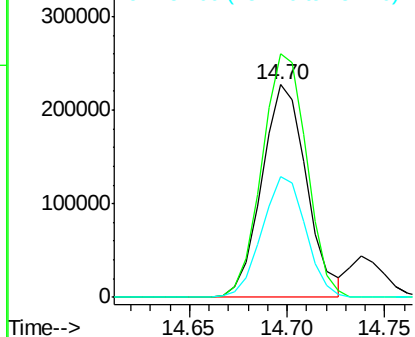
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 361179 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.5 | 92.9  | 139.3  |
| 152       | 56.8  | 45.8  | 68.8   |

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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.73 ng

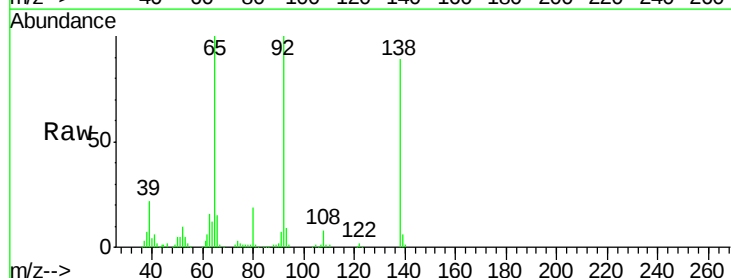
RT: 14.53 min Scan# 1990

Delta R.T. 0.01 min

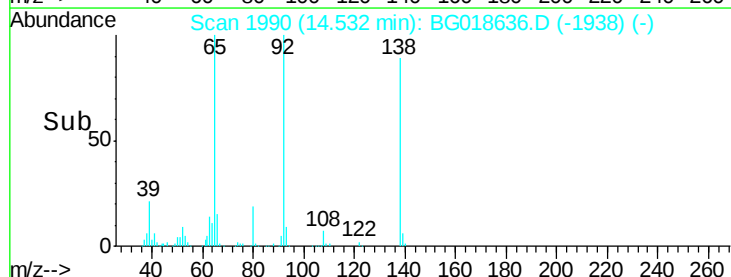
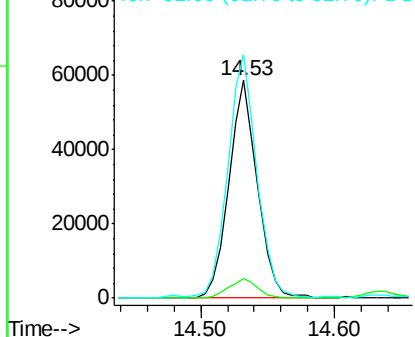
Lab File: BG018636.D

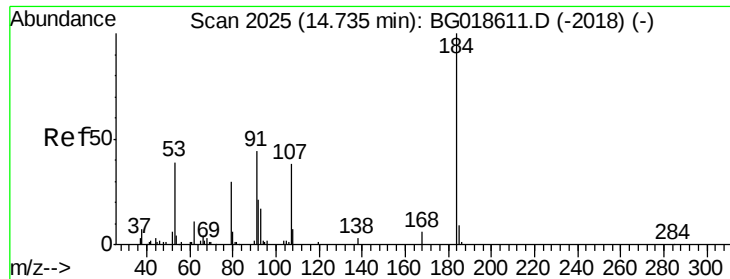
Acq: 11 Sep 2015 13:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 86954 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 8.9   | 7.9   | 11.9  |
| 92        | 111.9 | 94.2  | 141.4 |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BGO





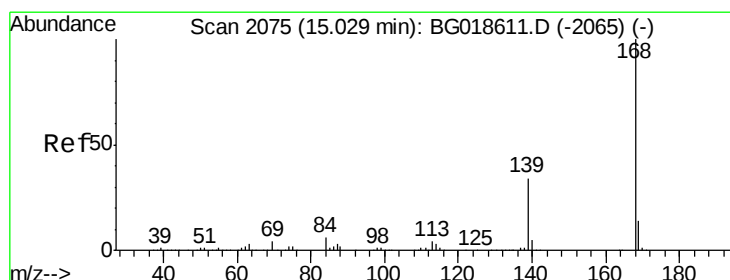
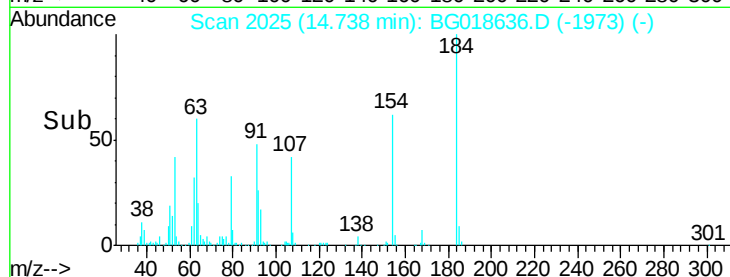
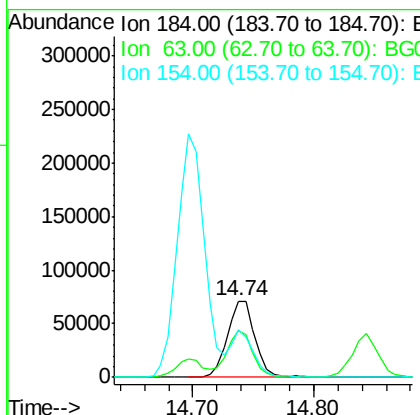
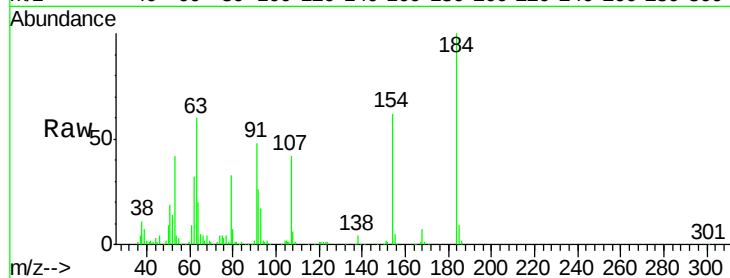
#53  
2,4-Dinitrophenol  
Concen: 85.03 ng  
RT: 14.74 min Scan# 2025  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 113641 |       |       |
| 63      | 60.4  | 42.7   | 64.1  |       |
| 154     | 62.4  | 44.3   | 66.5  |       |

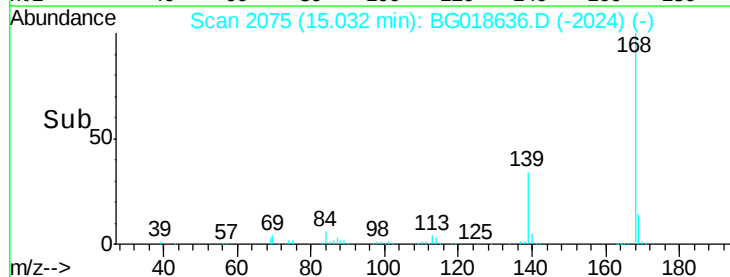
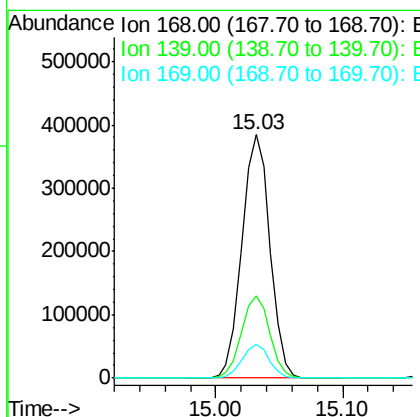
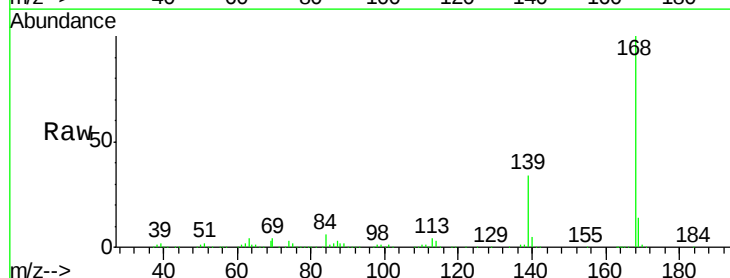
Manual Integrations  
APPROVED

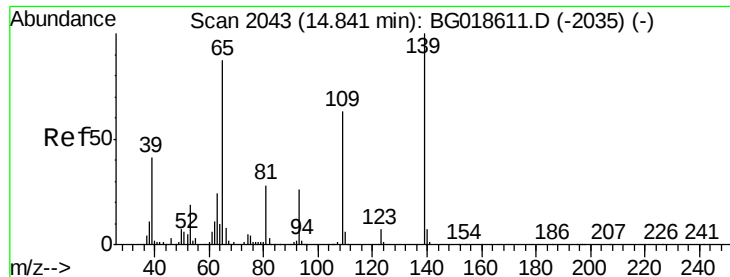
MMDadoda  
9/14/2015 12:52:12 PM



#54  
Dibenzofuran  
Concen: 41.06 ng  
RT: 15.03 min Scan# 2075  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 586544 |       |       |
| 139     | 34.0  | 27.4   | 41.0  |       |
| 169     | 13.6  | 11.0   | 16.4  |       |





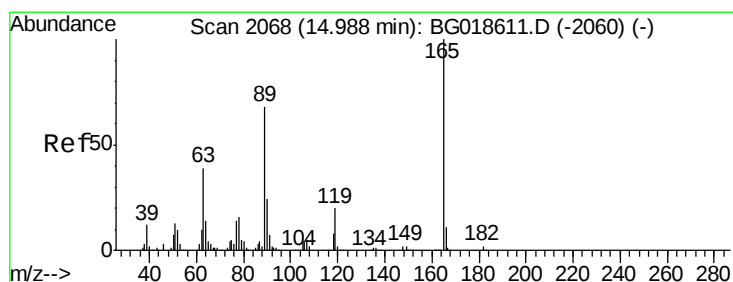
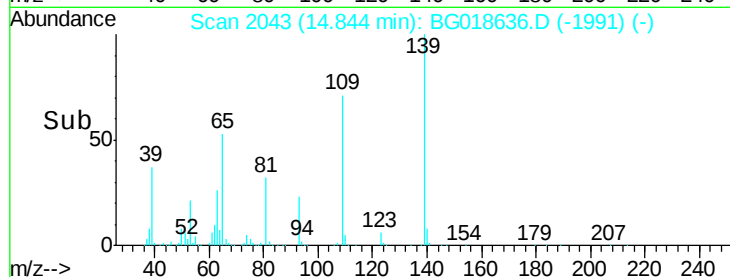
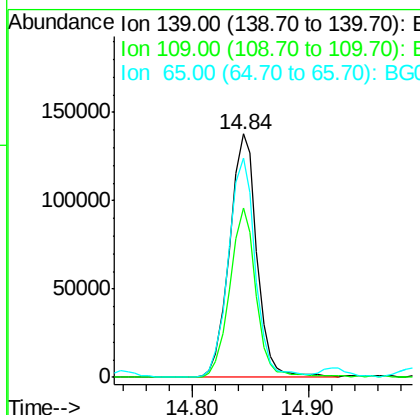
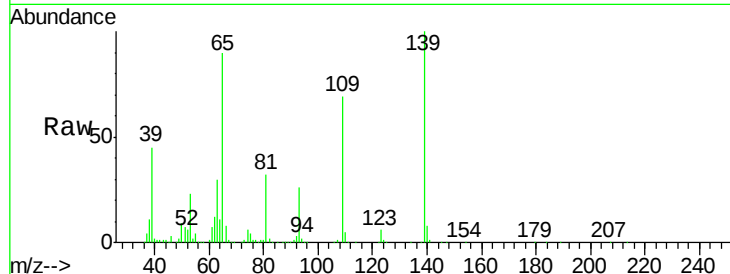
#55  
4-Nitrophenol  
Concen: 93.64 ng  
RT: 14.84 min Scan# 2043  
Delta R.T. 0.01 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 226706 |       |       |
| 109     | 69.4  | 43.2   | 83.2  |       |
| 65      | 90.1  | 67.8   | 107.8 |       |

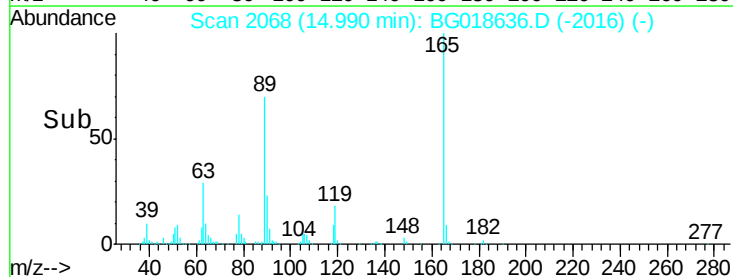
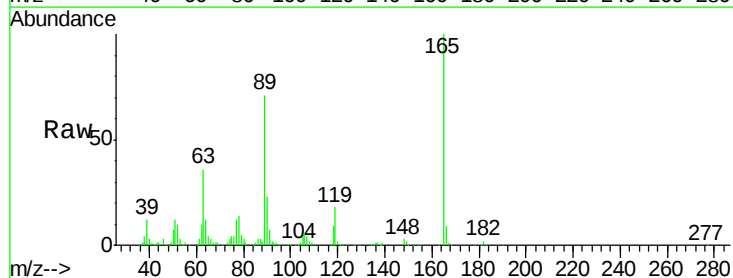
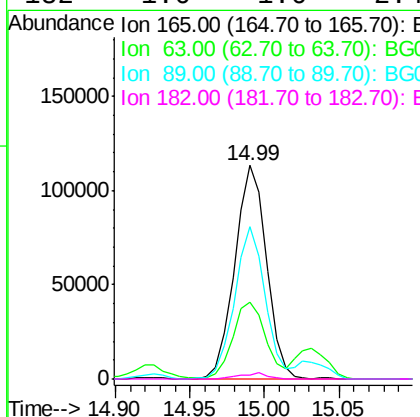
Manual Integrations  
APPROVED

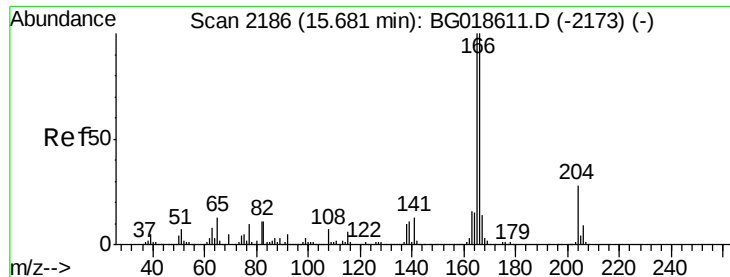
MMDadoda  
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#56  
2,4-Dinitrotoluene  
Concen: 45.07 ng  
RT: 14.99 min Scan# 2068  
Delta R.T. 0.01 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 167734 |       |       |
| 63      | 35.9  | 31.0   | 46.4  |       |
| 89      | 71.1  | 54.4   | 81.6  |       |
| 182     | 1.6   | 1.6    | 2.4   |       |





#57

Fluorene

Concen: 41.37 ng

RT: 15.68 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

Instrument :

BNA\_G

ClientSampleId :

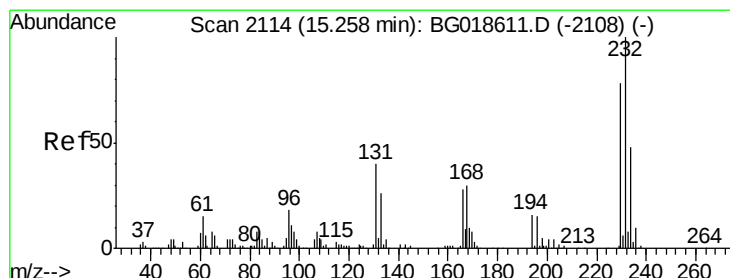
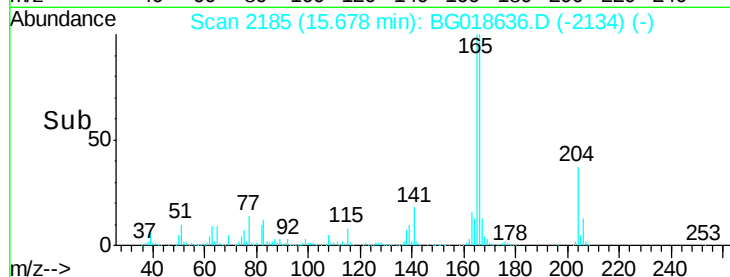
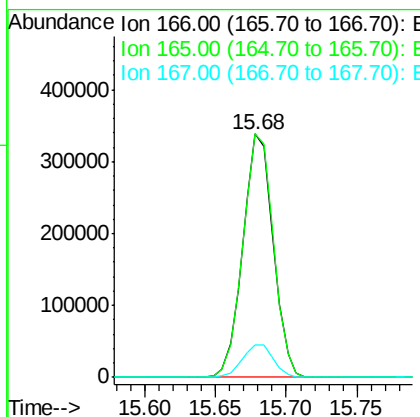
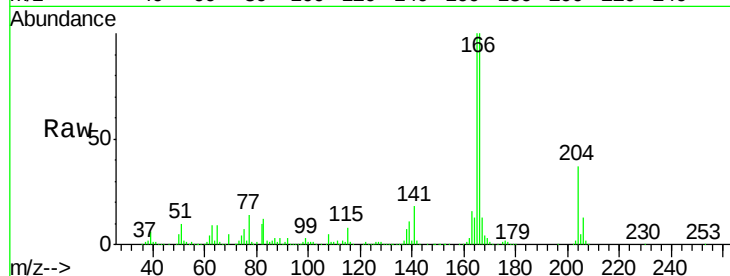
PB85375BS

Manual Integrations  
APPROVED

MMDadoda

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| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 508743 |       |       |
| 165     | 100.1 | 80.0   | 120.0 |       |
| 167     | 13.4  | 11.1   | 16.7  |       |



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.92 ng

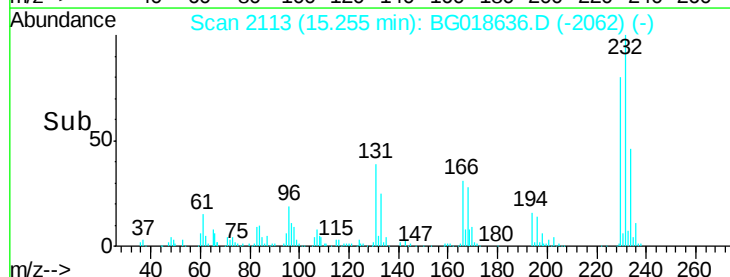
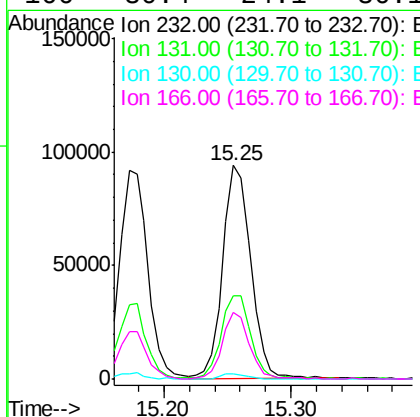
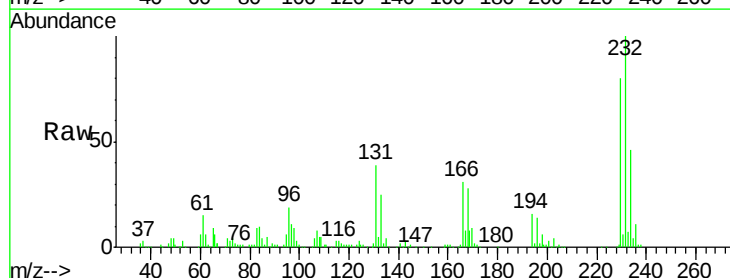
RT: 15.25 min Scan# 2113

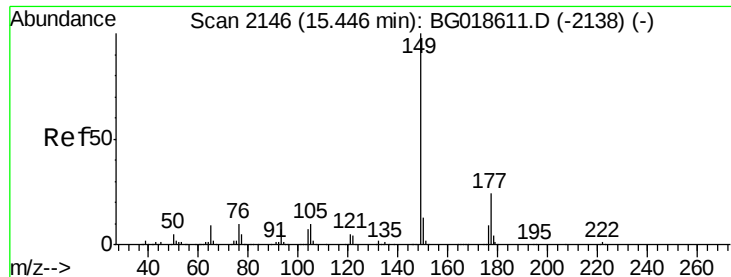
Delta R.T. 0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 144749 |       |       |
| 131     | 40.4  | 33.0   | 49.6  |       |
| 130     | 2.3   | 2.0    | 3.0   |       |
| 166     | 30.4  | 24.1   | 36.1  |       |





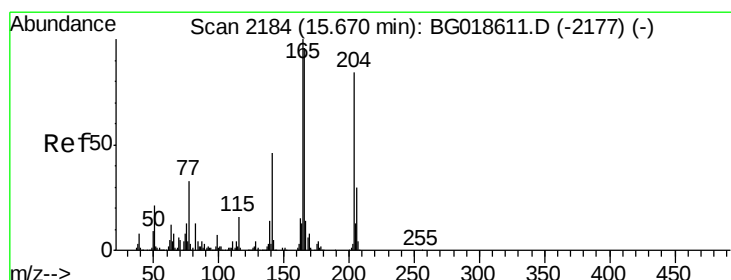
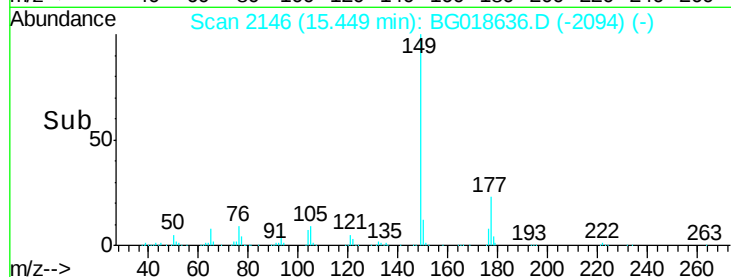
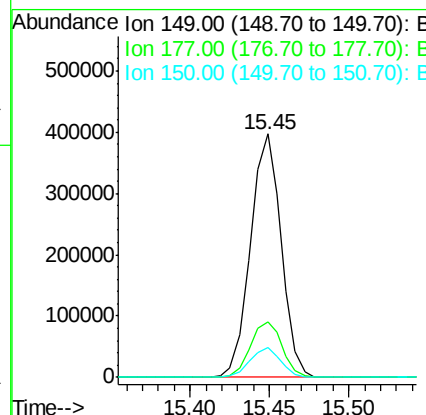
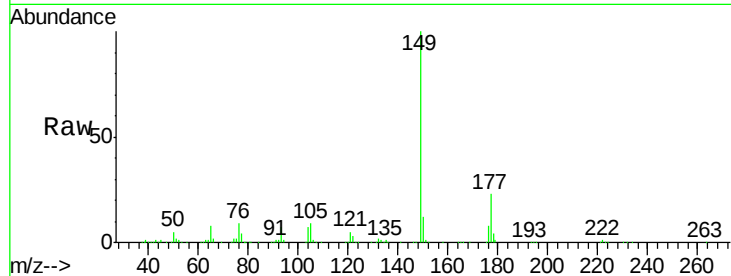
#59  
Diethylphthalate  
Concen: 42.32 ng  
RT: 15.45 min Scan# 2146  
Delta R.T. 0.01 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 177     | 22.9  | 19.6       | 29.4       |
| 150     | 12.3  | 10.2       | 15.2       |

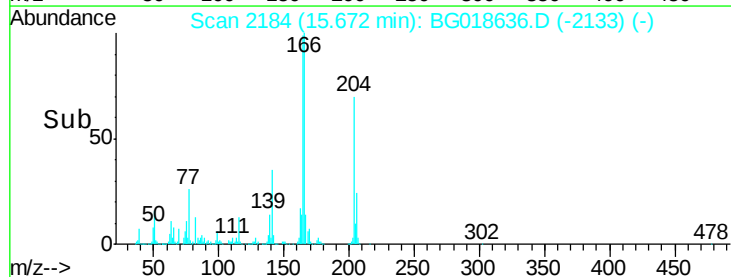
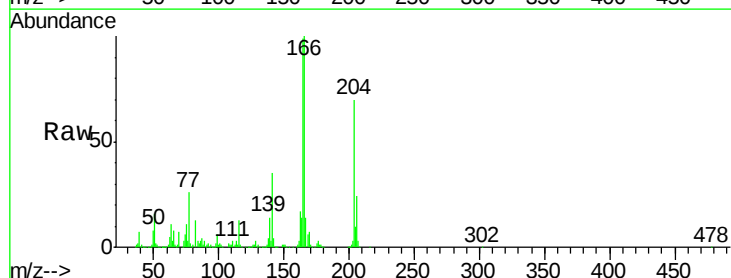
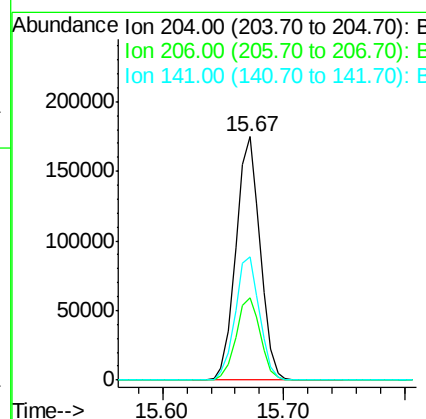
Manual Integrations  
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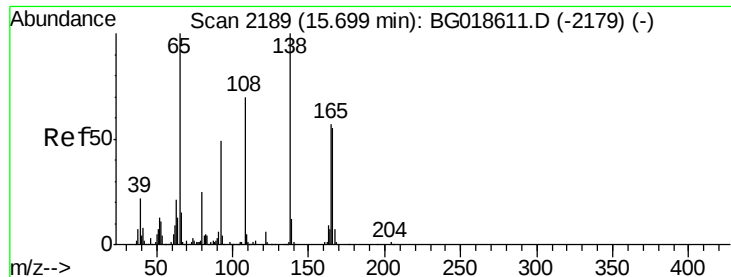
MMDadoda  
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#60  
4-Chlorophenyl-phenylether  
Concen: 41.17 ng  
RT: 15.67 min Scan# 2184  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 204     | 100   |            |            |
| 206     | 33.9  | 28.3       | 42.5       |
| 141     | 50.6  | 44.0       | 66.0       |





#61

4-Nitroaniline

Concen: 43.33 ng

RT: 15.70 min Scan# 2188

Delta R.T. 0.01 min

Lab File: BG018636.D

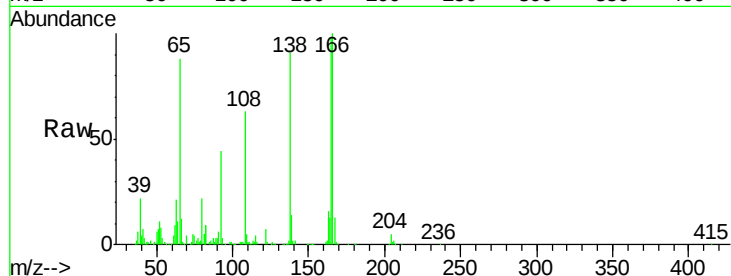
Acq: 11 Sep 2015 13:03

Instrument :

BNA\_G

ClientSampleId :

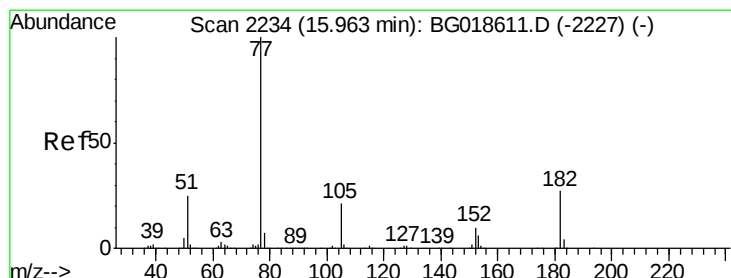
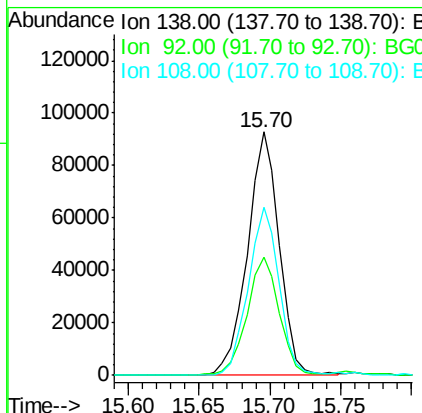
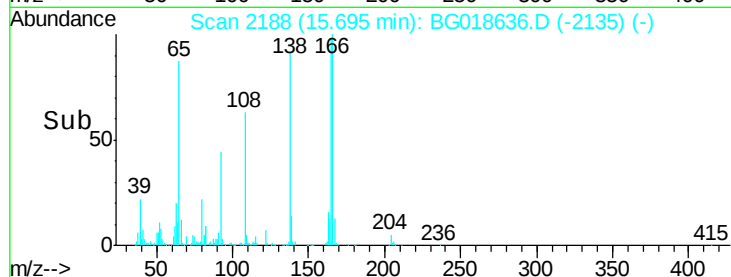
PB85375BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 146519 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 48.7  | 29.1  | 69.1   |
| 108       | 69.3  | 49.8  | 89.8   |

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9/14/2015 12:52:12 PM



#62

Azobenzene

Concen: 43.09 ng

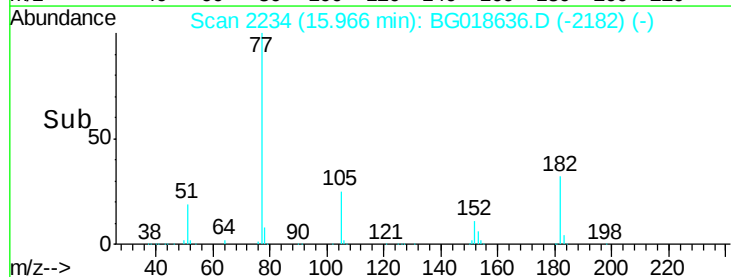
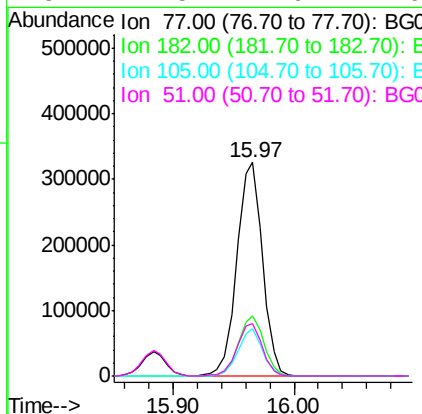
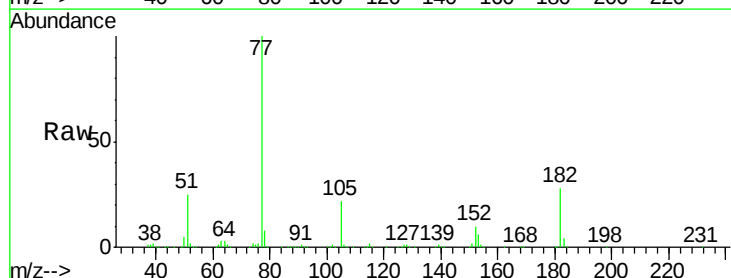
RT: 15.97 min Scan# 2234

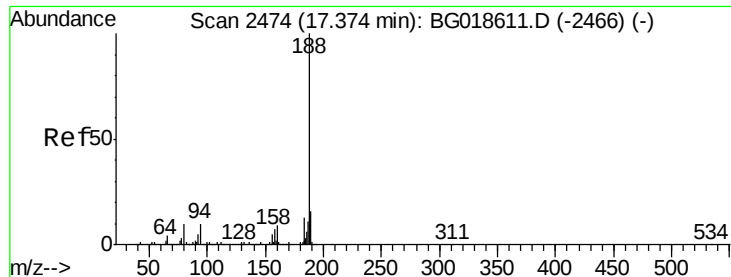
Delta R.T. 0.01 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 77    | Resp: | 479801 |
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 182       | 28.0  | 7.0   | 47.0   |
| 105       | 22.0  | 1.4   | 41.4   |
| 51        | 24.5  | 4.9   | 44.9   |





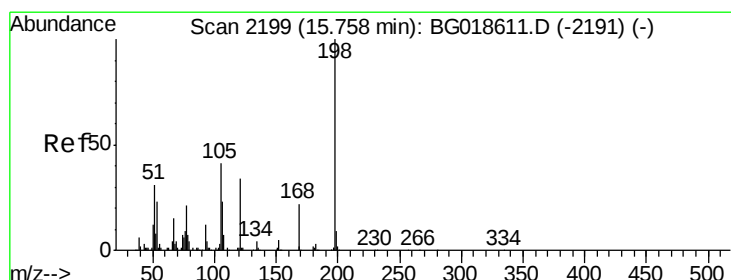
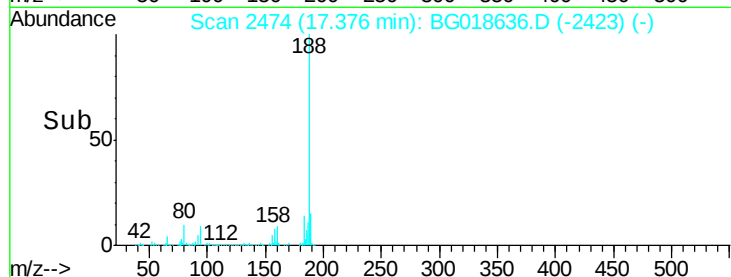
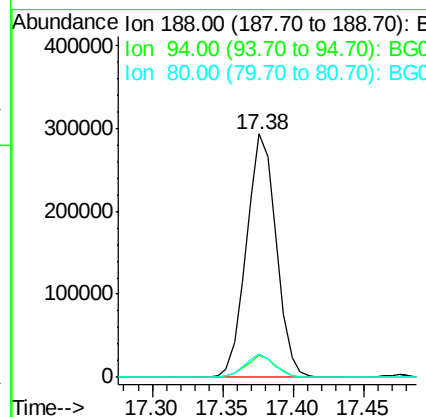
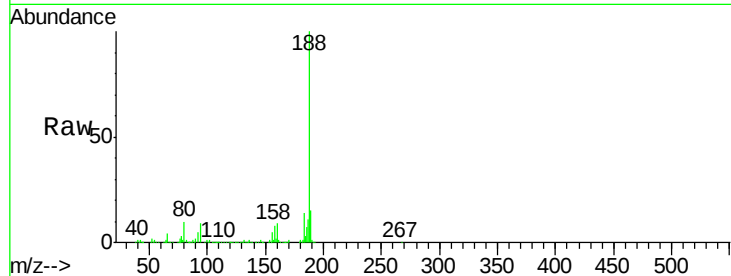
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.38 min Scan# 2474  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 188     | 100   |            |            |
| 94      | 8.9   | 7.7        | 11.5       |
| 80      | 9.7   | 7.8        | 11.8       |

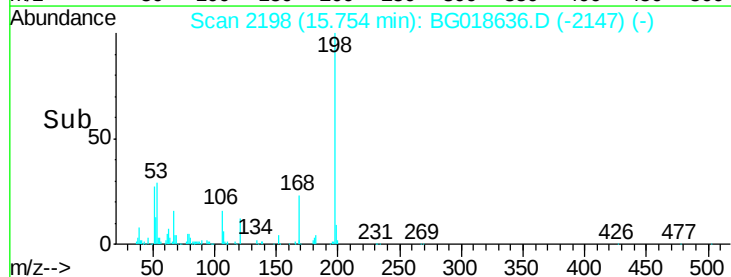
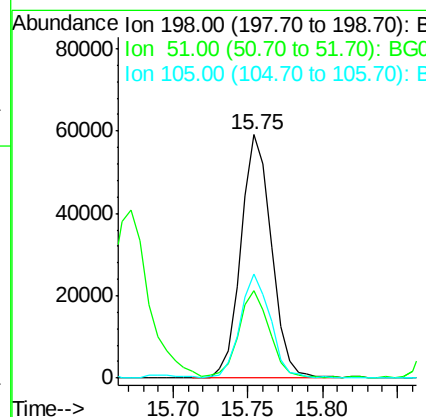
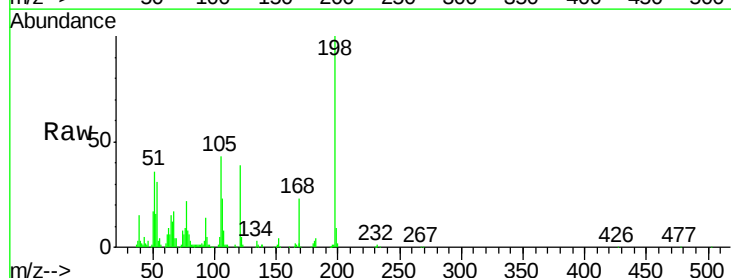
Manual Integrations  
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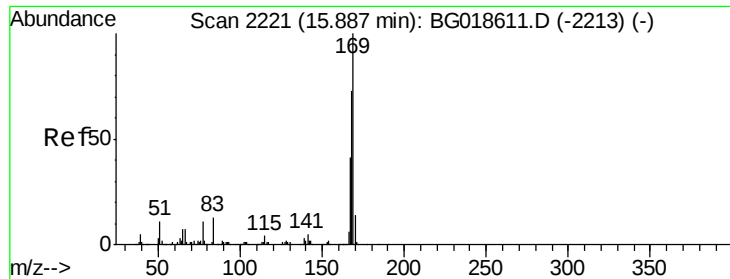
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9/14/2015 12:52:12 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 37.28 ng  
RT: 15.75 min Scan# 2198  
Delta R.T. -0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 198     | 100   |            |            |
| 51      | 35.8  | 14.2       | 54.2       |
| 105     | 42.7  | 21.1       | 61.1       |





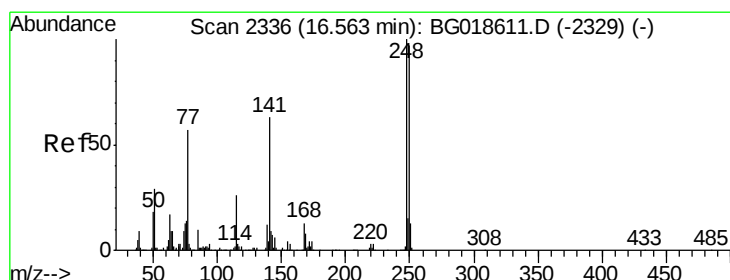
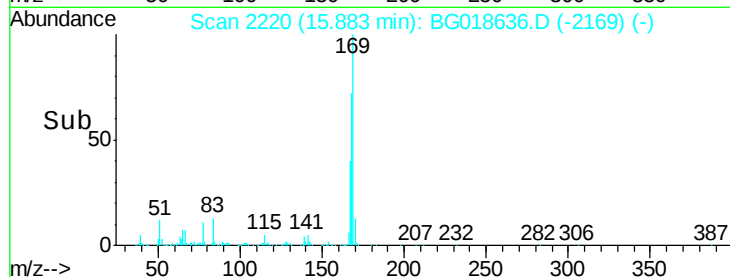
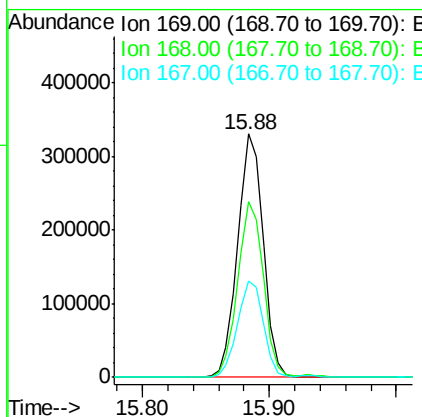
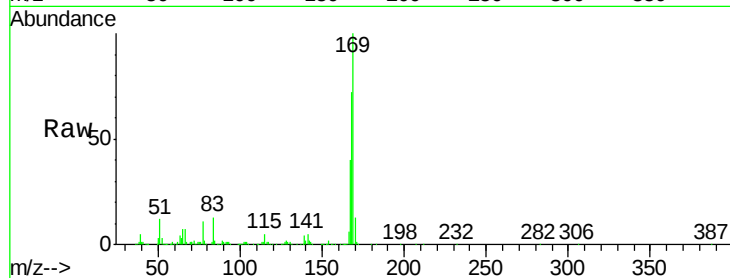
#65  
n-Nitrosodiphenylamine  
Concen: 36.72 ng  
RT: 15.88 min Scan# 2220  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 461106 |       |       |
| 168     | 72.3  | 58.2   | 87.2  |       |
| 167     | 39.6  | 32.7   | 49.1  |       |

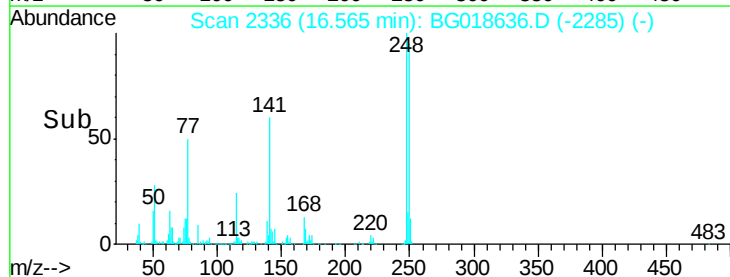
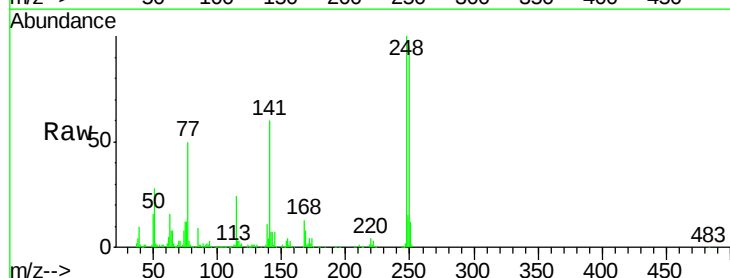
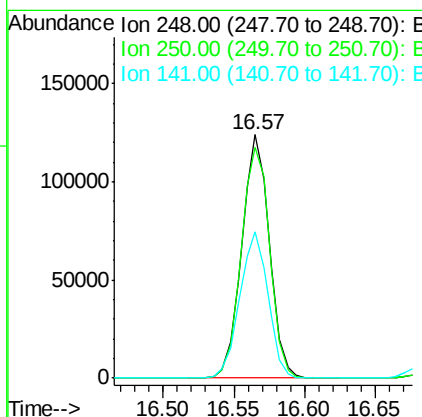
Manual Integrations  
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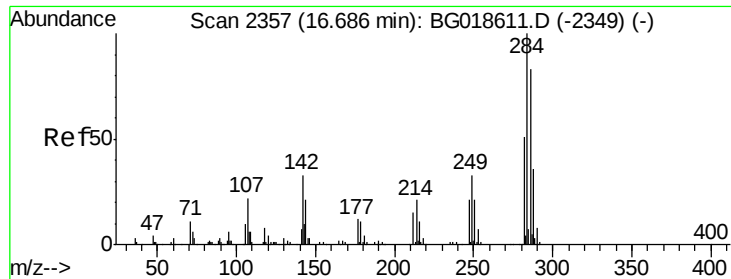
MMDadoda  
9/14/2015 12:52:12 PM



#66  
4-Bromophenyl-phenylether  
Concen: 38.21 ng  
RT: 16.57 min Scan# 2336  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 168498 |       |       |
| 250     | 94.6  | 77.8   | 116.8 |       |
| 141     | 60.0  | 50.4   | 75.6  |       |





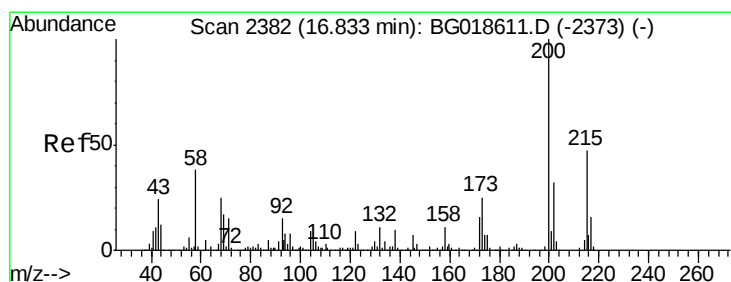
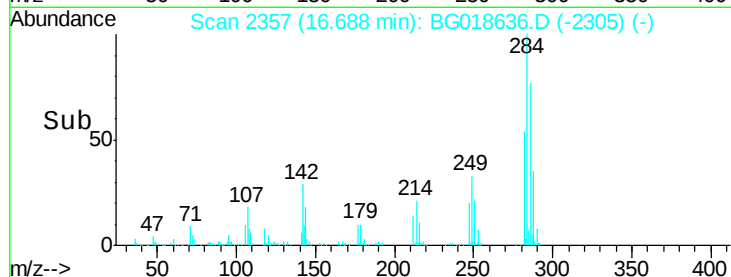
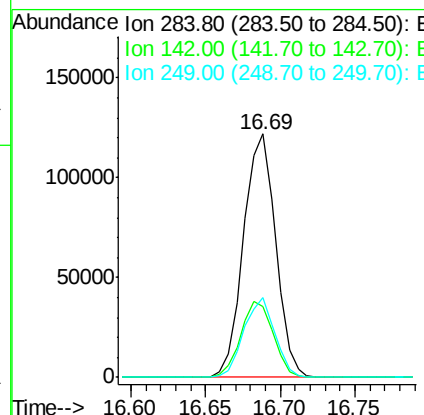
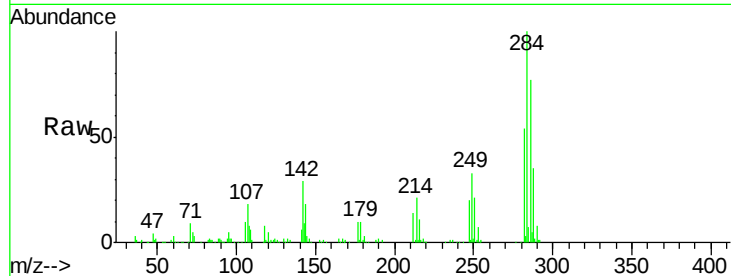
#67  
Hexachlorobenzene  
Concen: 37.97 ng  
RT: 16.69 min Scan# 2357  
Delta R.T. 0.01 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 284     | 100   |            |            |
| 142     | 29.2  | 26.6       | 39.8       |
| 249     | 32.7  | 26.2       | 39.2       |

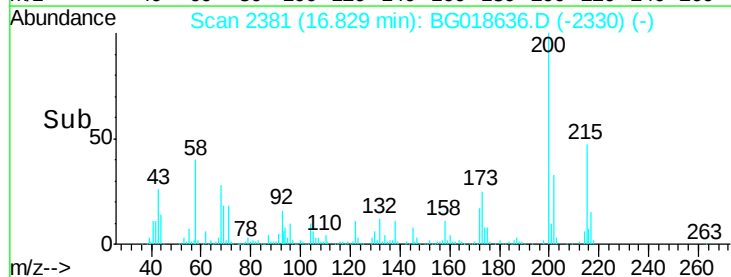
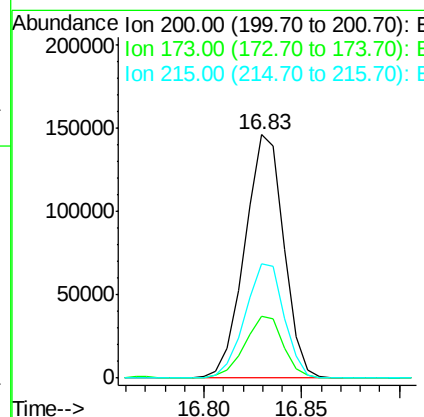
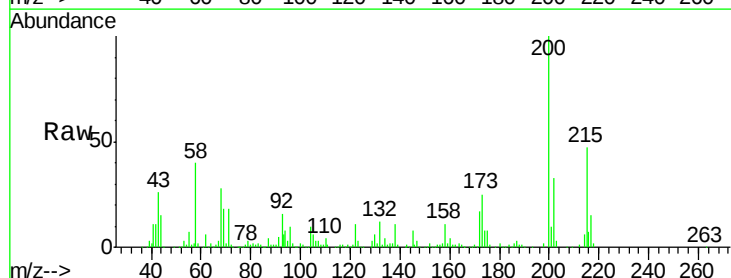
Manual Integrations  
APPROVED

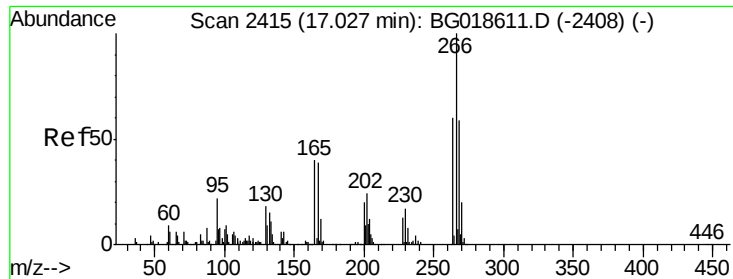
MMDadoda  
9/14/2015 12:52:12 PM



#68  
Atrazine  
Concen: 40.33 ng  
RT: 16.83 min Scan# 2381  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 200     | 100   |            |            |
| 173     | 25.3  | 5.2        | 45.2       |
| 215     | 47.0  | 27.0       | 67.0       |





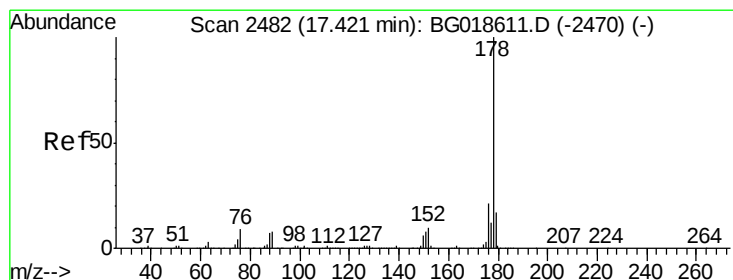
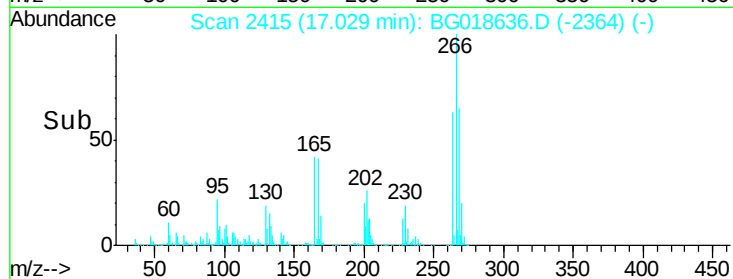
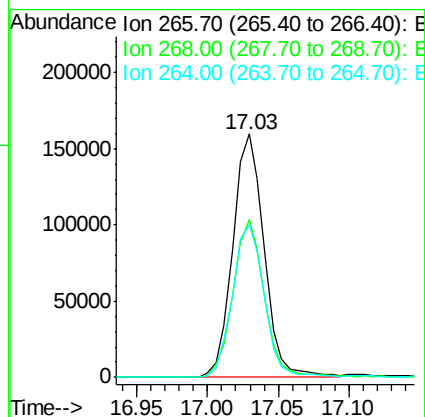
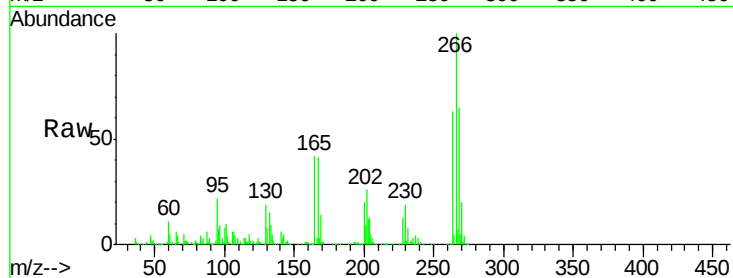
#69  
 Pentachlorophenol  
 Concen: 83.44 ng  
 RT: 17.03 min Scan# 2415  
 Delta R.T. 0.00 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85375BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 246544 |       |       |
| 268     | 64.8  | 47.6   | 71.4  |       |
| 264     | 62.8  | 48.1   | 72.1  |       |

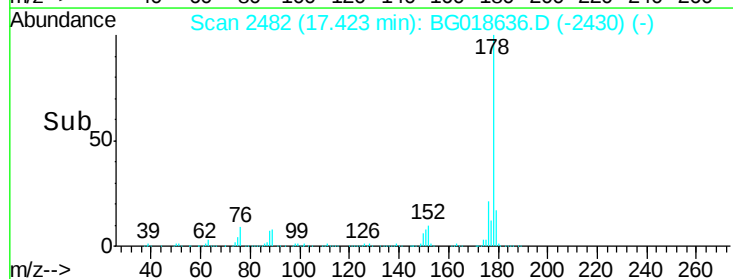
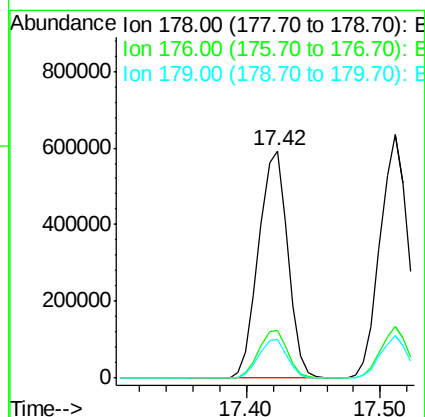
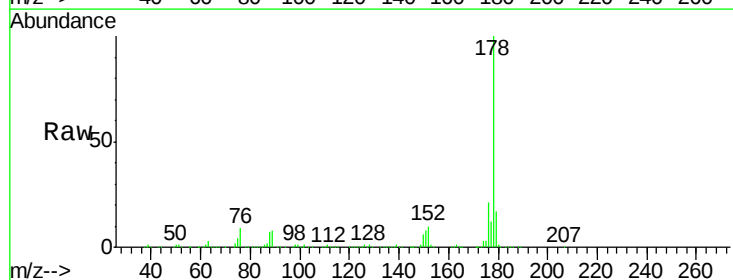
Manual Integrations  
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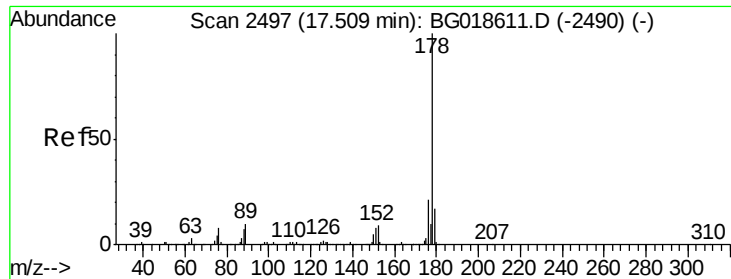
MMDadoda  
 9/14/2015 12:52:12 PM



#70  
 Phenanthrene  
 Concen: 39.16 ng  
 RT: 17.42 min Scan# 2482  
 Delta R.T. 0.01 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 893140 |       |       |
| 176     | 21.3  | 16.7   | 25.1  |       |
| 179     | 16.9  | 13.9   | 20.9  |       |





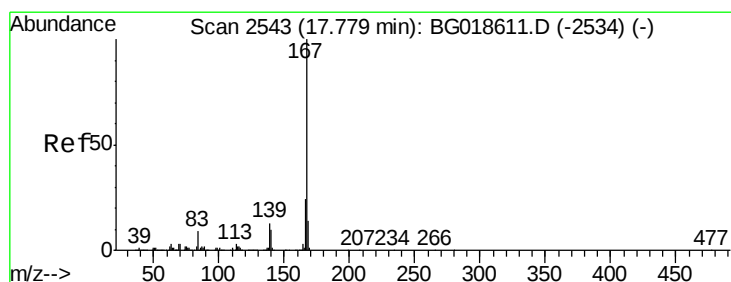
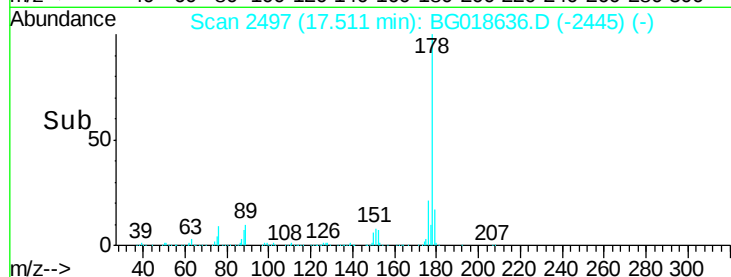
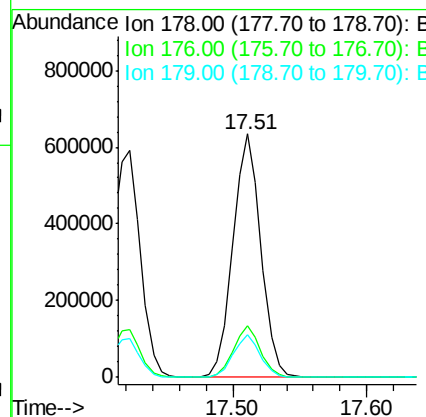
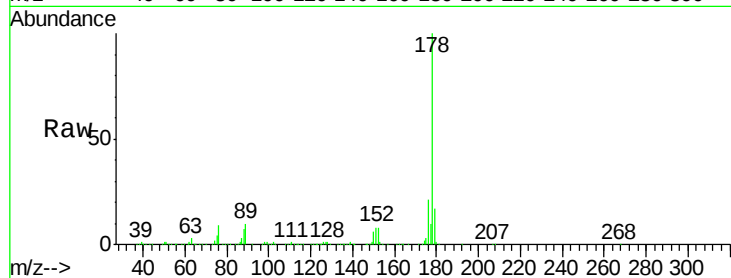
#71  
 Anthracene  
 Concen: 39.91 ng  
 RT: 17.51 min Scan# 2497  
 Delta R.T. 0.01 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85375BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 921586 |       |       |
| 176     | 21.2  | 16.8   | 25.2  |       |
| 179     | 17.4  | 13.9   | 20.9  |       |

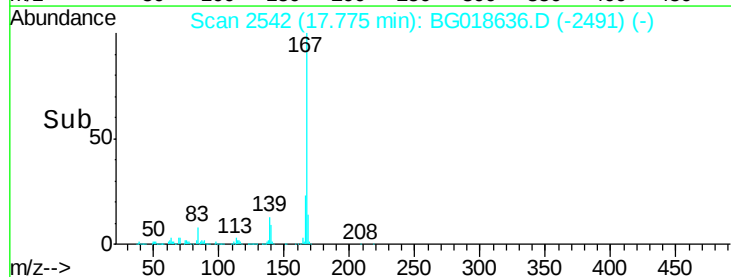
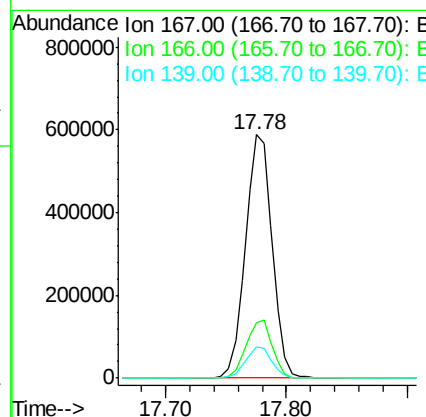
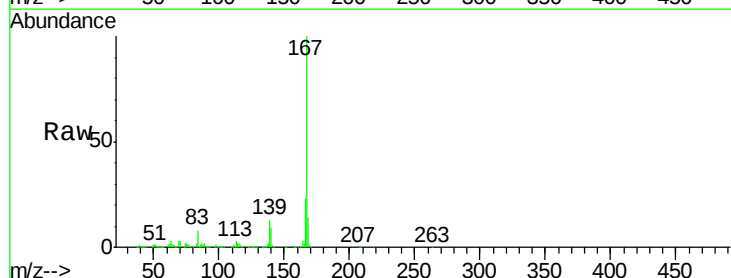
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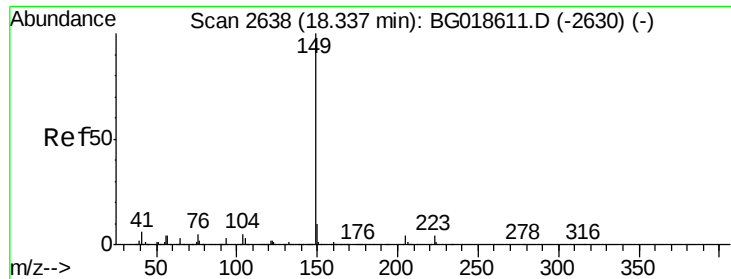
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#72  
 Carbazole  
 Concen: 40.56 ng  
 RT: 17.78 min Scan# 2542  
 Delta R.T. 0.00 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 906583 |       |       |
| 166     | 22.7  | 19.0   | 28.6  |       |
| 139     | 12.7  | 10.2   | 15.4  |       |





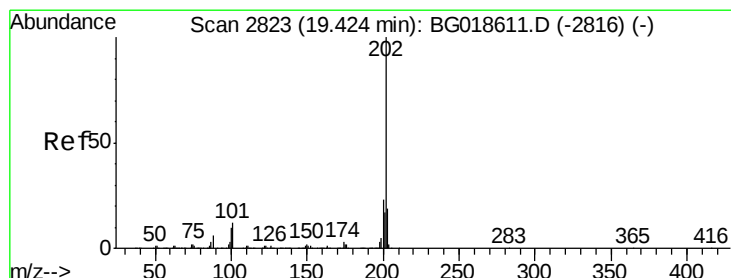
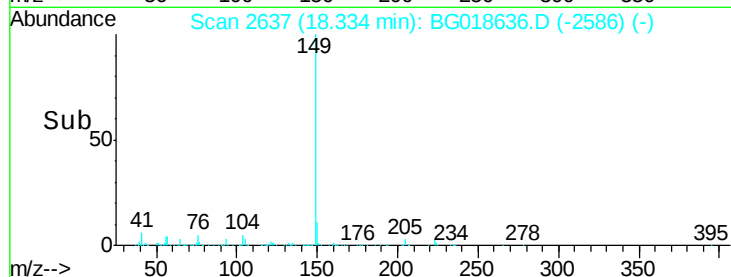
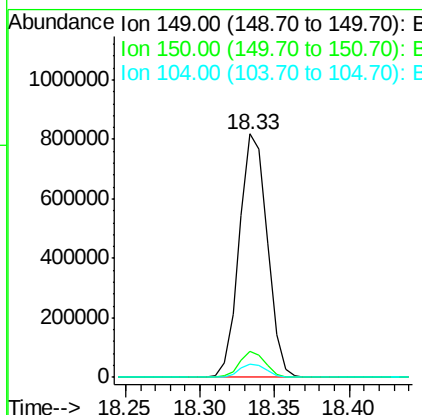
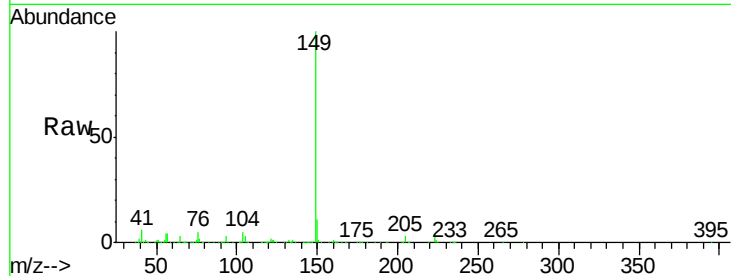
#73  
Di-n-butylphthalate  
Concen: 40.46 ng  
RT: 18.33 min Scan# 2637  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.5  | 8.2   | 12.4  |
| 104     | 5.4   | 4.4   | 6.6   |

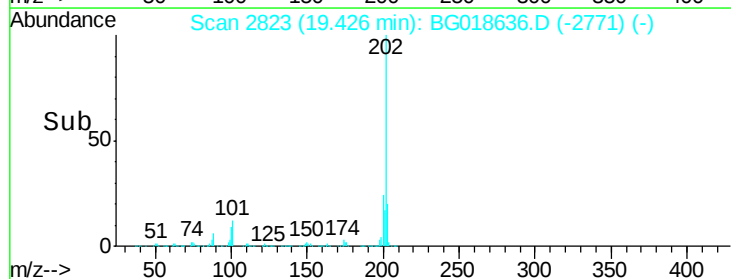
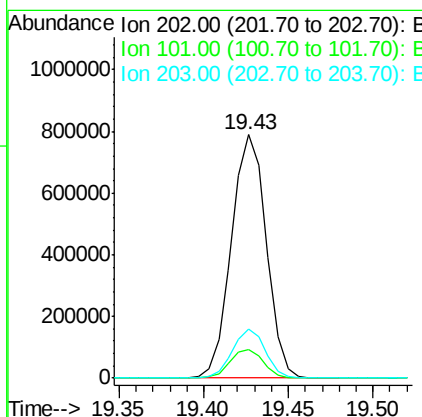
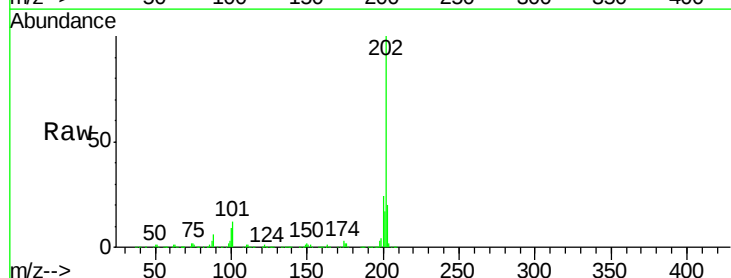
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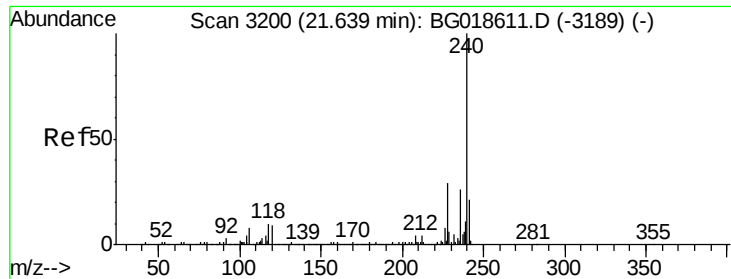
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#74  
Fluoranthene  
Concen: 40.09 ng  
RT: 19.43 min Scan# 2823  
Delta R.T. 0.01 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.6  | 0.0   | 32.4  |
| 203     | 20.1  | 0.0   | 39.5  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.64 min Scan# 3200

Delta R.T. 0.01 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

Instrument :

BNA\_G

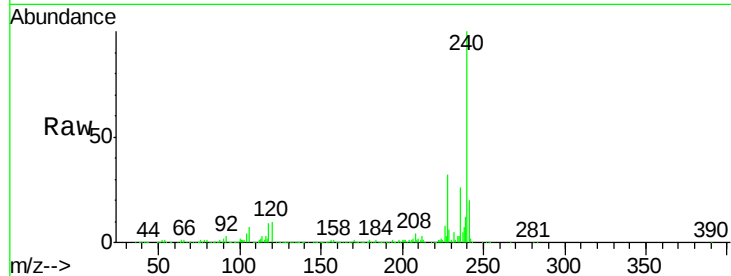
ClientSampleId :

PB85375BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 466683 |       |       |
| 120     | 10.2  | 7.4    | 11.0  |       |
| 236     | 25.6  | 20.7   | 31.1  |       |

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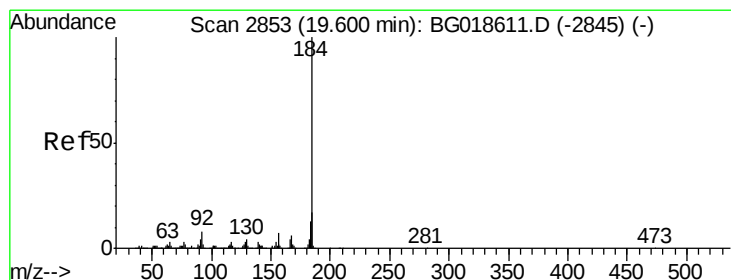
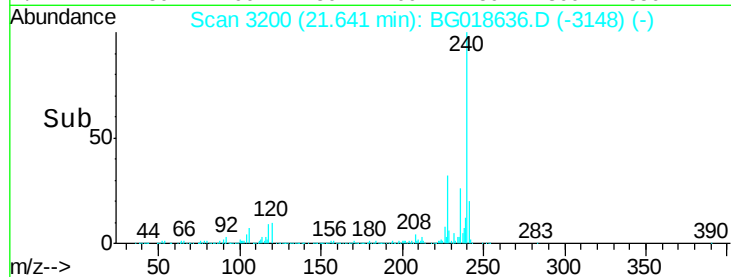
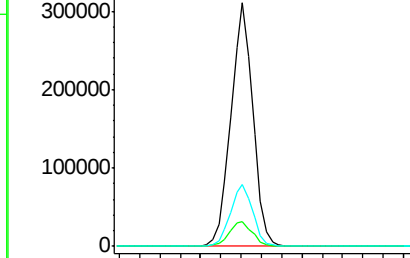


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

21.64



#76

Benzidine

Concen: 37.43 ng

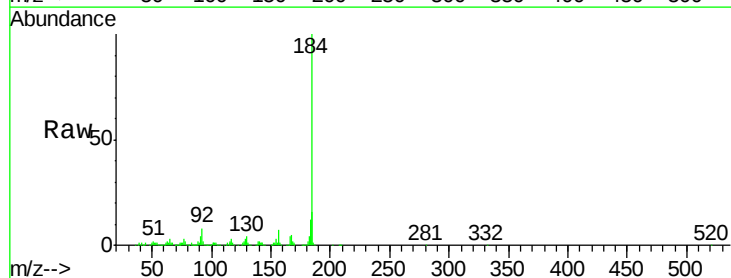
RT: 19.60 min Scan# 2853

Delta R.T. 0.00 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 524505 |       |       |
| 185     | 15.7  | 13.4   | 20.2  |       |
| 183     | 11.8  | 10.1   | 15.1  |       |

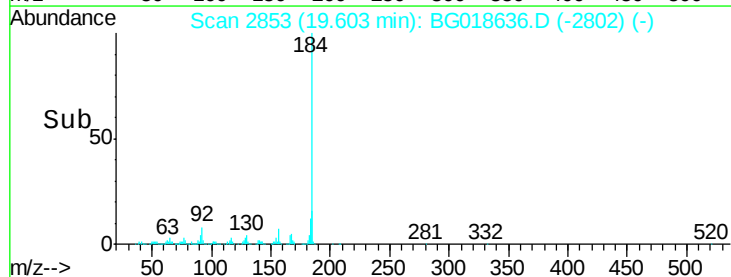
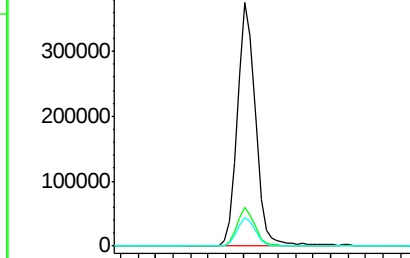


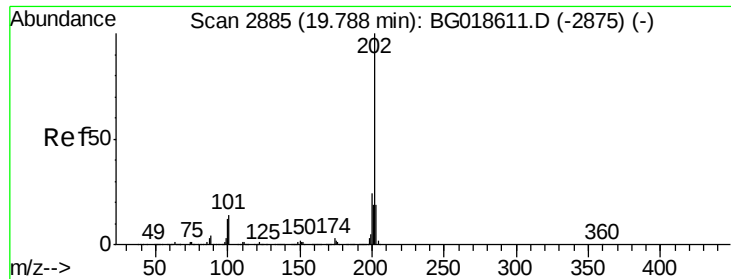
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

19.60





#77

Pyrene

Concen: 40.32 ng

RT: 19.79 min Scan# 2885

Delta R.T. 0.01 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

Instrument :

BNA\_G

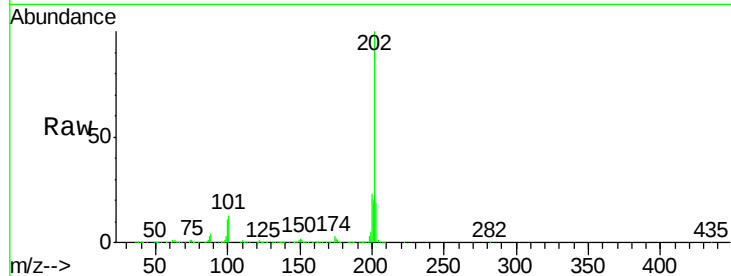
ClientSampleId :

PB85375BS

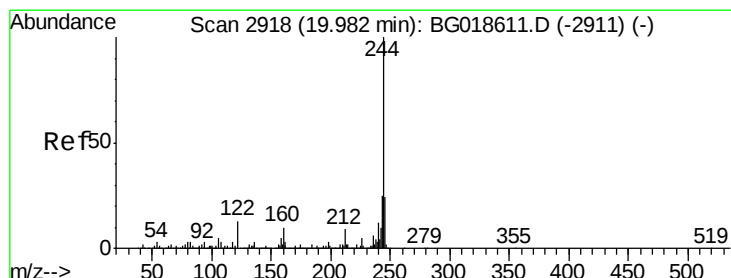
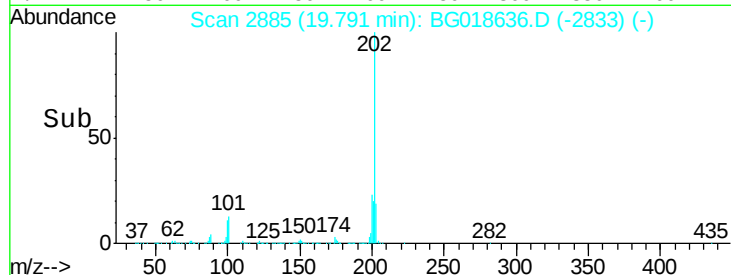
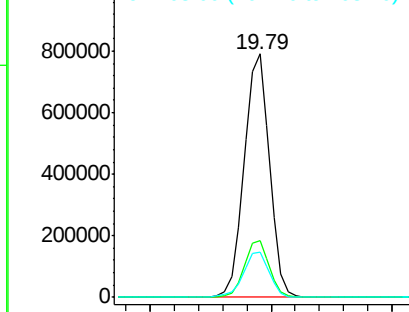
|     |       |       |       |         |
|-----|-------|-------|-------|---------|
| Tgt | Ion   | 202   | Resp  | 1156519 |
| Ion | Ratio | Lower | Upper |         |
| 202 | 100   |       |       |         |
| 200 | 23.2  | 19.4  | 29.0  |         |
| 203 | 18.6  | 15.5  | 23.3  |         |

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



#78

Terphenyl-d14

Concen: 81.92 ng

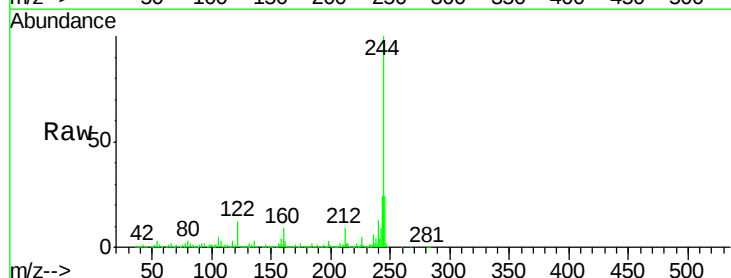
RT: 19.98 min Scan# 2918

Delta R.T. 0.00 min

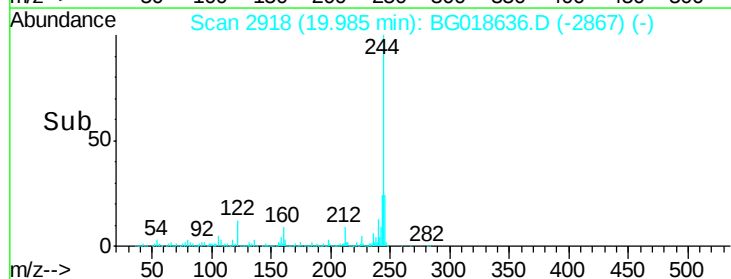
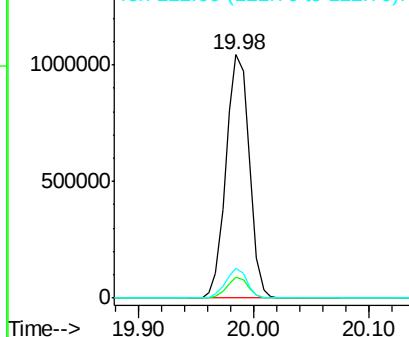
Lab File: BG018636.D

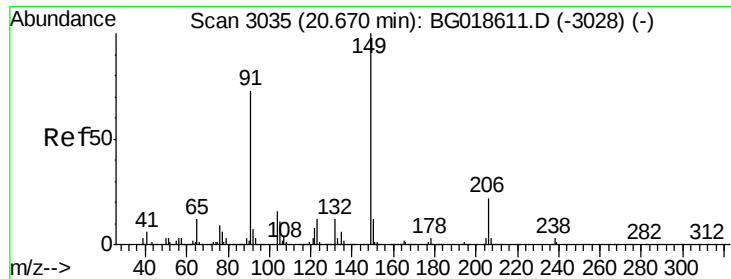
Acq: 11 Sep 2015 13:03

|     |       |       |       |         |
|-----|-------|-------|-------|---------|
| Tgt | Ion   | 244   | Resp  | 1455875 |
| Ion | Ratio | Lower | Upper |         |
| 244 | 100   |       |       |         |
| 212 | 8.8   | 6.9   | 10.3  |         |
| 122 | 12.1  | 10.2  | 15.2  |         |



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





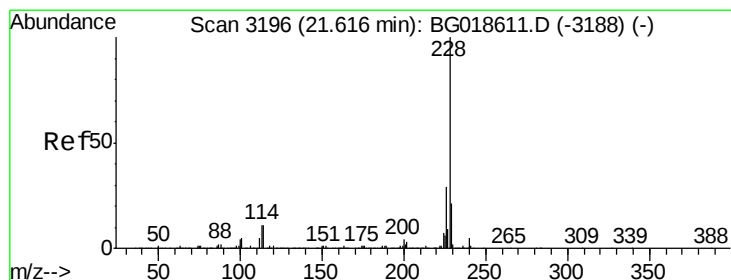
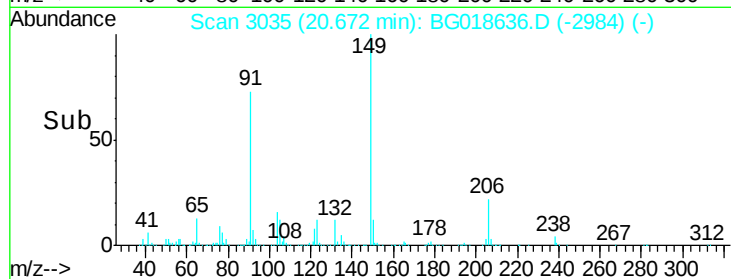
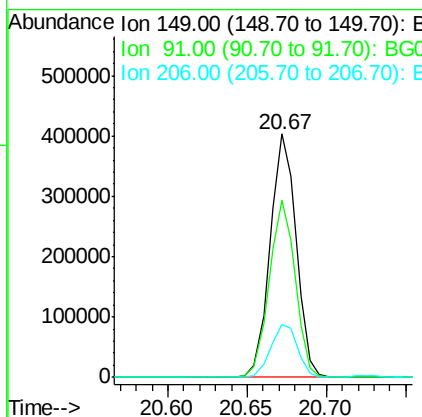
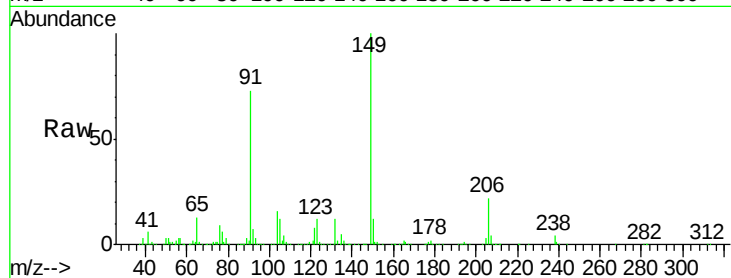
#79  
Butylbenzylphthalate  
Concen: 39.59 ng  
RT: 20.67 min Scan# 3035  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 461617 |       |       |
| 91      | 72.8  | 58.1   | 87.1  |       |
| 206     | 21.7  | 17.8   | 26.8  |       |

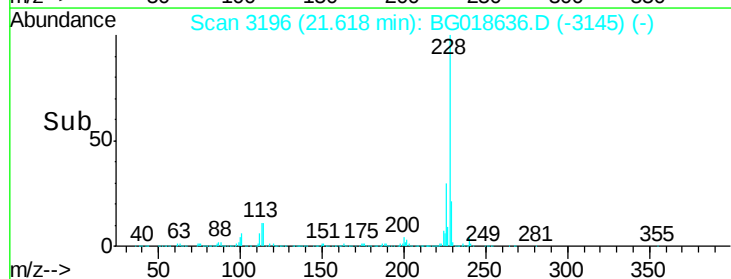
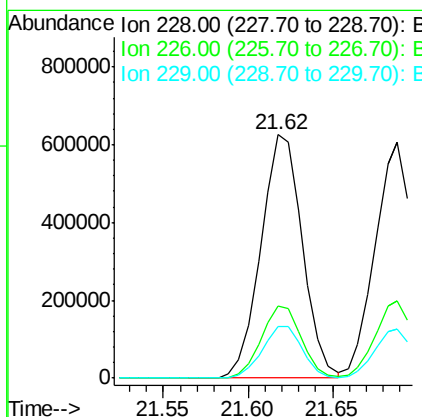
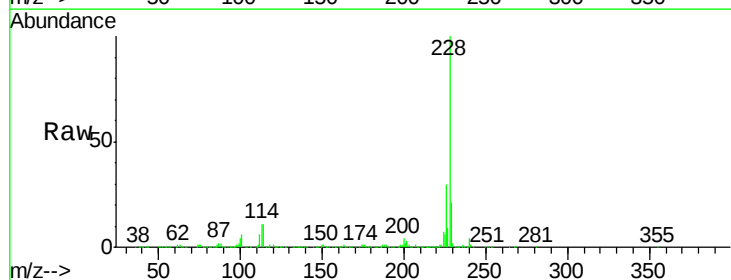
Manual Integrations  
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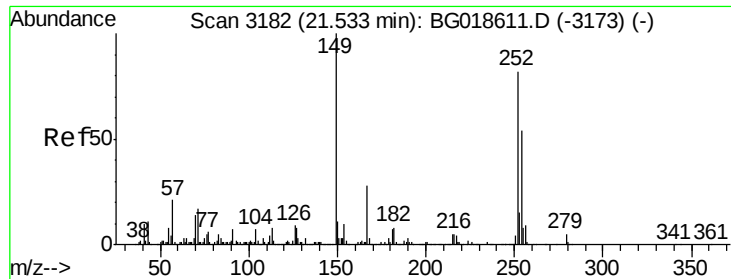
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#80  
Benzo(a)anthracene  
Concen: 39.61 ng  
RT: 21.62 min Scan# 3196  
Delta R.T. 0.00 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 228     | 100   | 1064355 |       |       |
| 226     | 29.5  | 23.4    | 35.0  |       |
| 229     | 21.2  | 16.6    | 25.0  |       |





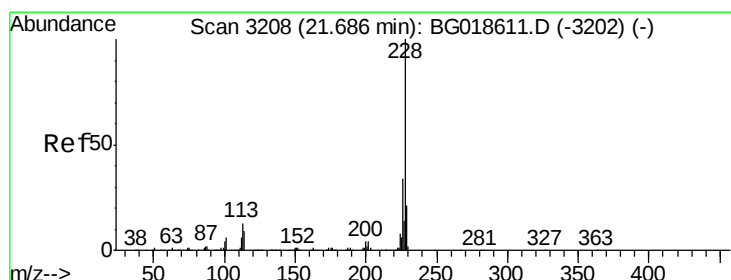
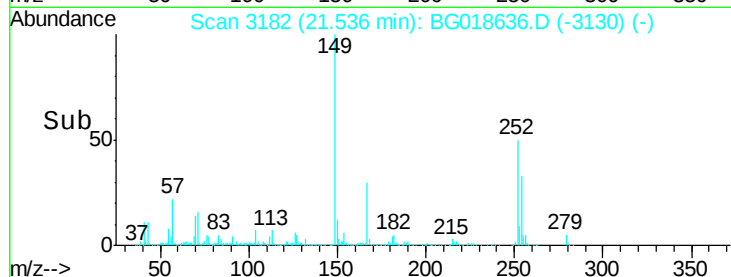
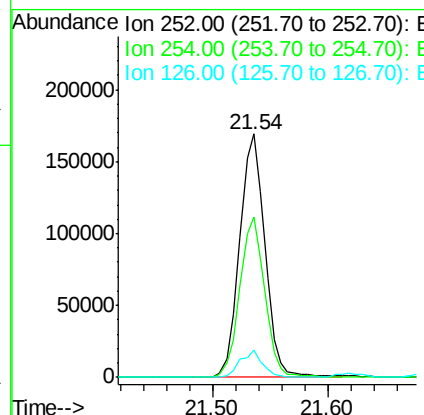
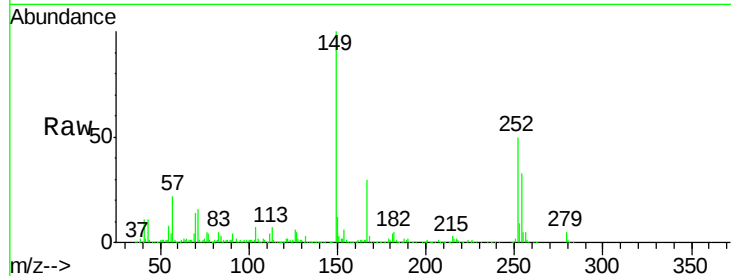
#81  
 3,3'-Dichlorobenzidine  
 Concen: 25.19 ng  
 RT: 21.54 min Scan# 3182  
 Delta R.T. 0.01 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85375BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 66.1  | 52.5       | 78.7       |
| 126     | 11.0  | 8.5        | 12.7       |

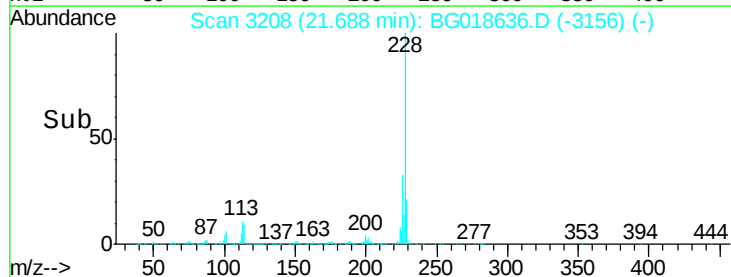
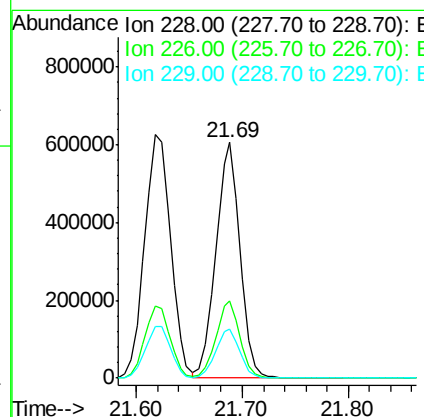
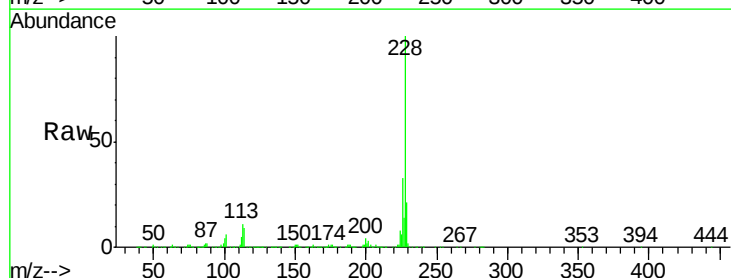
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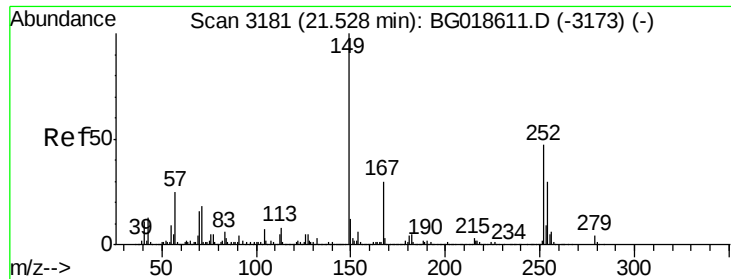
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#82  
 Chrysene  
 Concen: 38.07 ng  
 RT: 21.69 min Scan# 3208  
 Delta R.T. 0.01 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 32.7  | 26.7       | 40.1       |
| 229     | 21.1  | 17.0       | 25.6       |





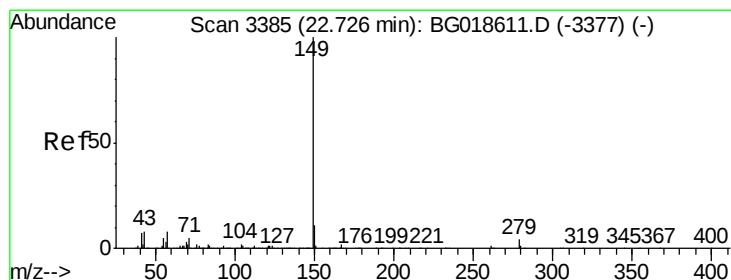
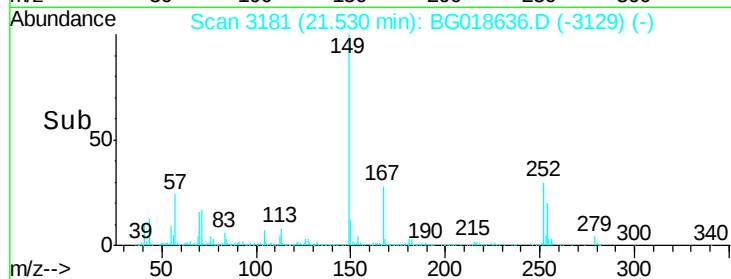
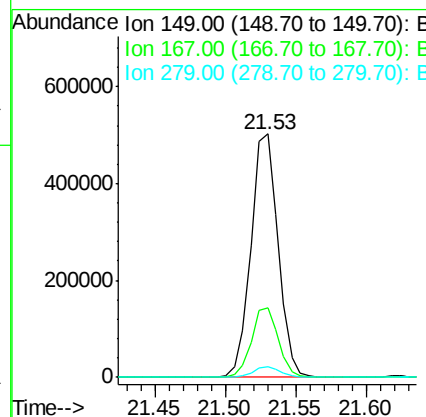
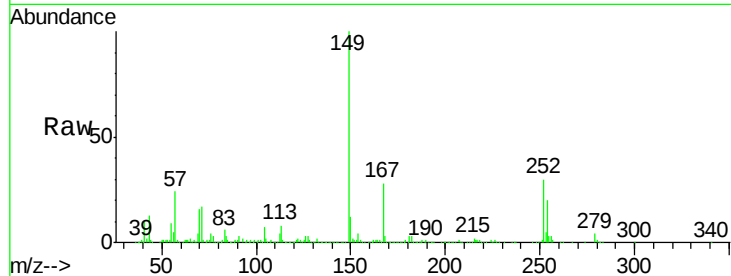
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.40 ng  
 RT: 21.53 min Scan# 3181  
 Delta R.T. 0.01 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85375BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 679541 |       |       |
| 167     | 28.4  | 23.8   | 35.8  |       |
| 279     | 4.5   | 3.4    | 5.2   |       |

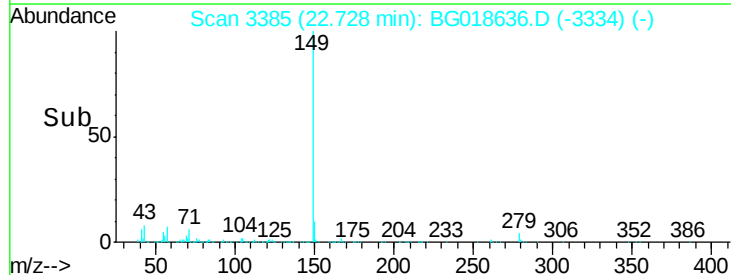
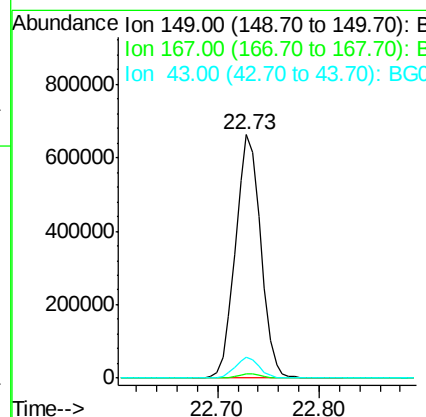
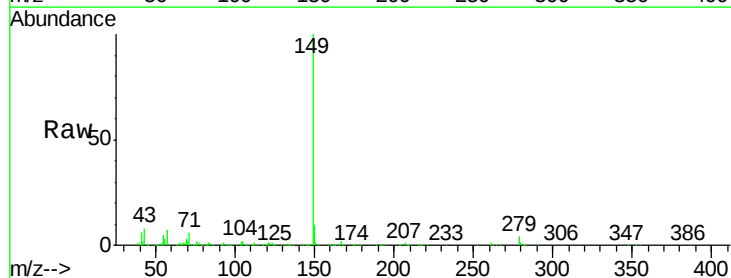
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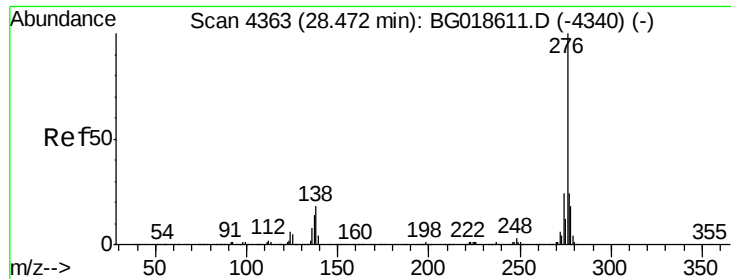
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#84  
 Di-n-octyl phthalate  
 Concen: 40.27 ng  
 RT: 22.73 min Scan# 3385  
 Delta R.T. 0.00 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1145738 |       |       |
| 167     | 1.7   | 1.2     | 1.8   |       |
| 43      | 8.0   | 5.9     | 8.9   |       |





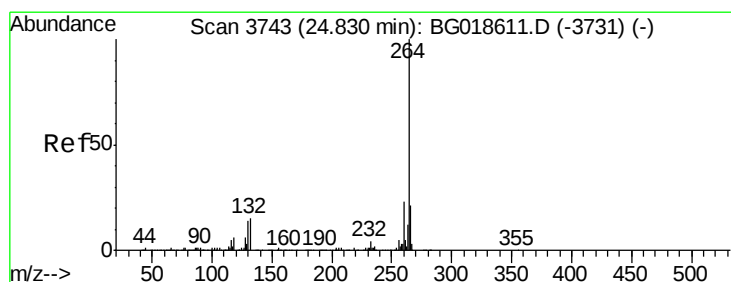
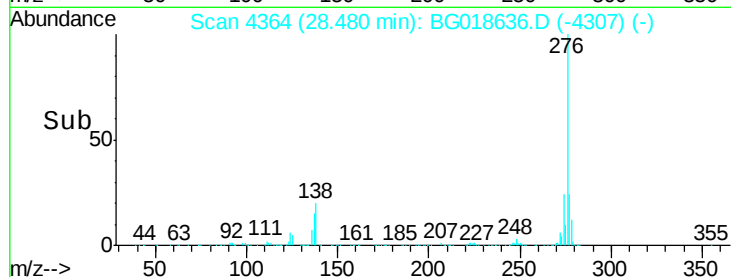
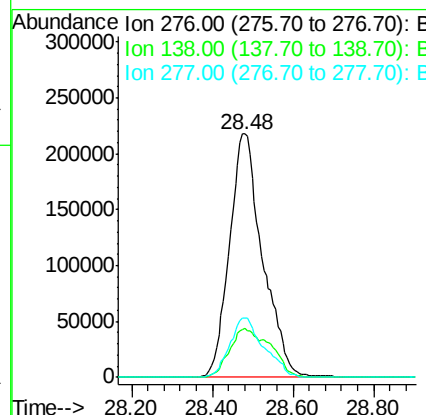
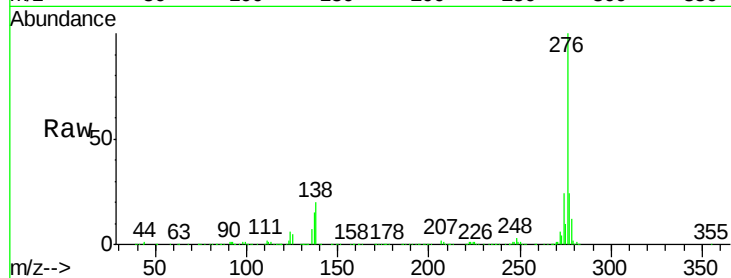
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 38.69 ng  
 RT: 28.48 min Scan# 4364  
 Delta R.T. 0.04 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB85375BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.7  | 0.0   | 0.0#  |
| 277     | 25.3  | 0.0   | 0.0#  |

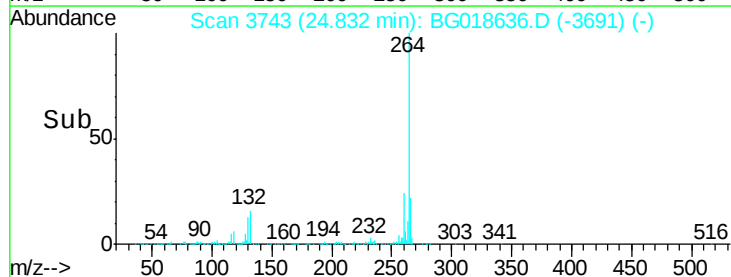
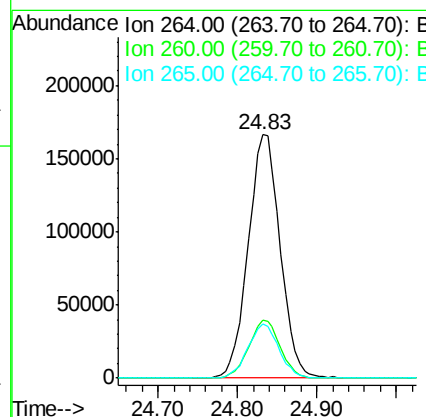
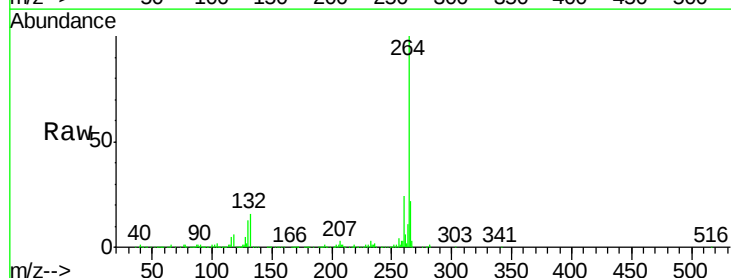
Manual Integrations  
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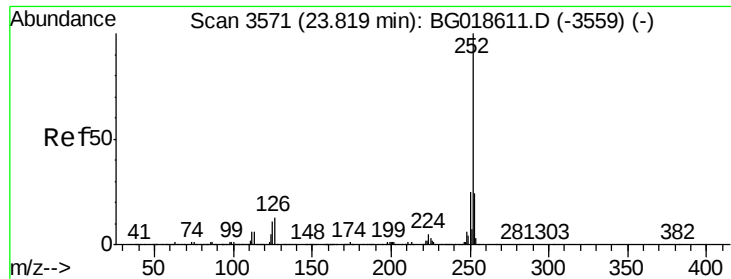
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 24.83 min Scan# 3743  
 Delta R.T. 0.01 min  
 Lab File: BG018636.D  
 Acq: 11 Sep 2015 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 18.5  | 27.7  |
| 265     | 22.4  | 17.2  | 25.8  |





#87

Benzo(b)fluoranthene

Concen: 41.04 ng

RT: 23.82 min Scan# 3571

Delta R.T. 0.01 min

Lab File: BG018636.D

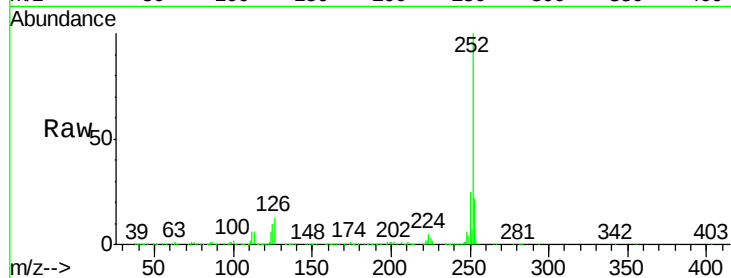
Acq: 11 Sep 2015 13:03

Instrument :

BNA\_G

ClientSampleId :

PB85375BS



Tgt Ion:252 Resp: 1110468

Ion Ratio Lower Upper

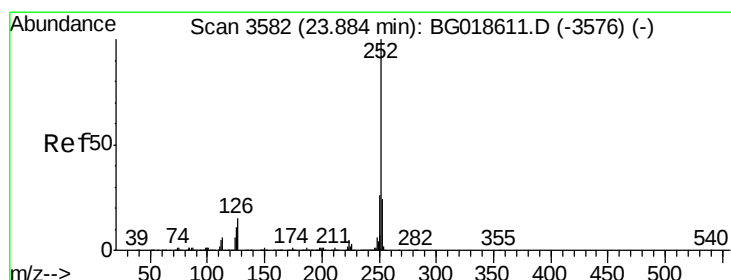
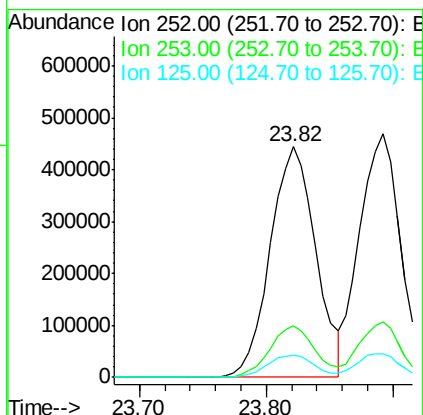
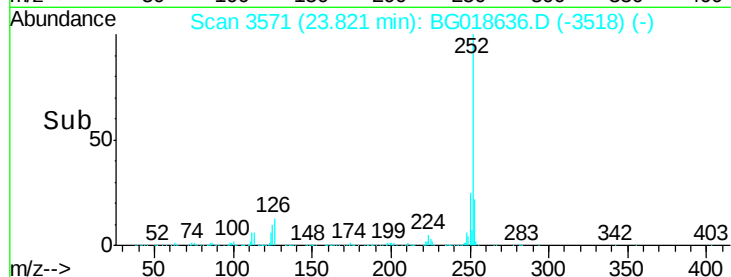
252 100

253 22.4 19.1 28.7

125 9.8 8.9 13.3

Manual Integrations  
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#88

Benzo(k)fluoranthene

Concen: 38.92 ng

RT: 23.89 min Scan# 3583

Delta R.T. 0.02 min

Lab File: BG018636.D

Acq: 11 Sep 2015 13:03

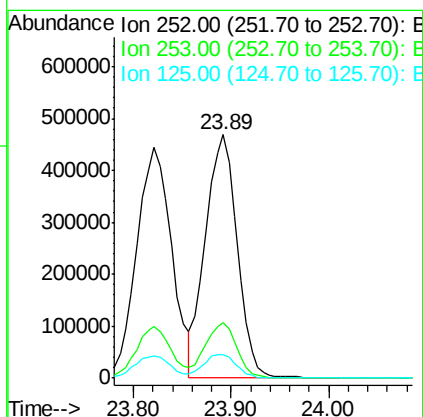
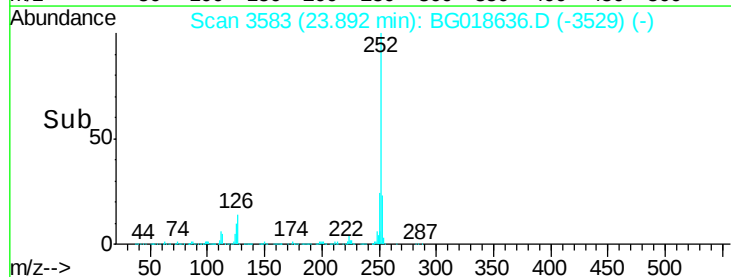
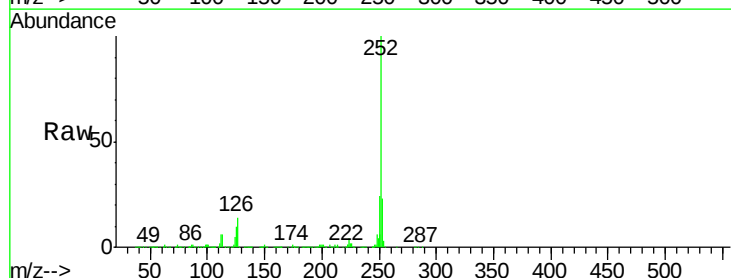
Tgt Ion:252 Resp: 1055183

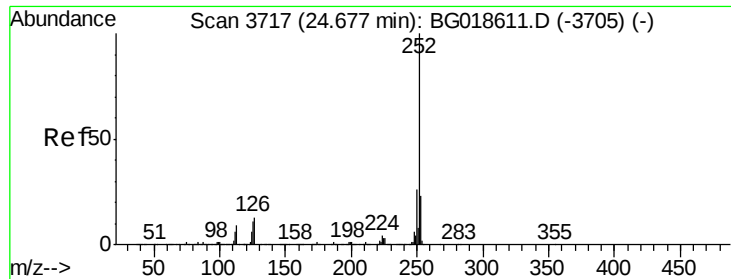
Ion Ratio Lower Upper

252 100

253 22.6 19.0 28.4

125 9.9 8.9 13.3





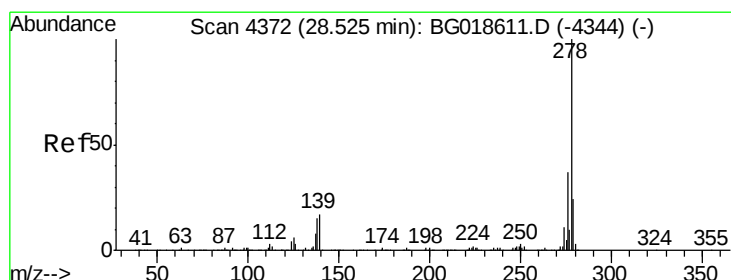
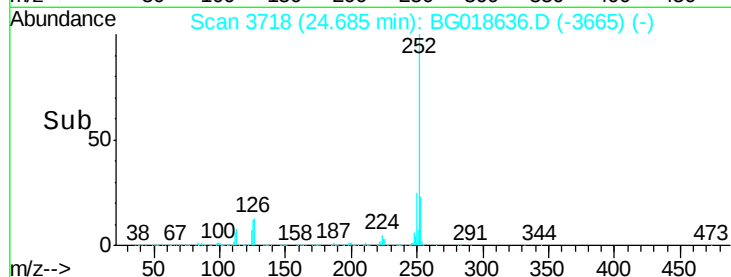
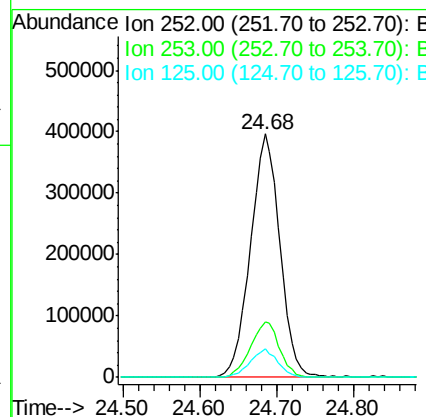
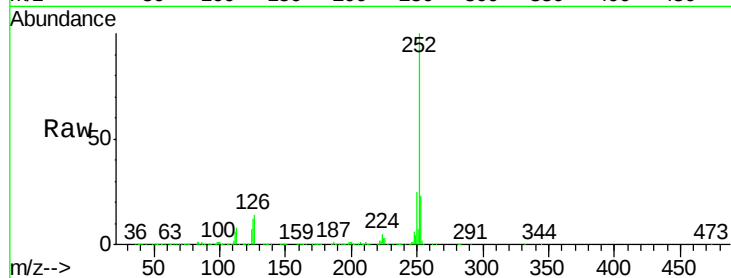
#89  
Benzo(a)pyrene  
Concen: 41.15 ng  
RT: 24.68 min Scan# 3718  
Delta R.T. 0.01 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB85375BS

Tgt Ion:252 Resp: 1059533  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.7 28.1  
125 11.6 9.1 13.7

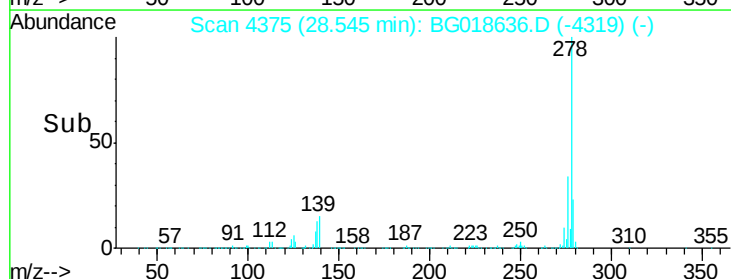
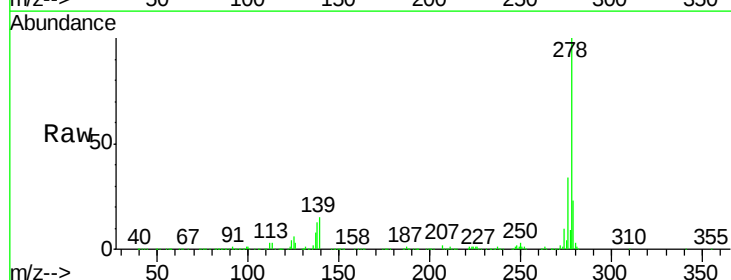
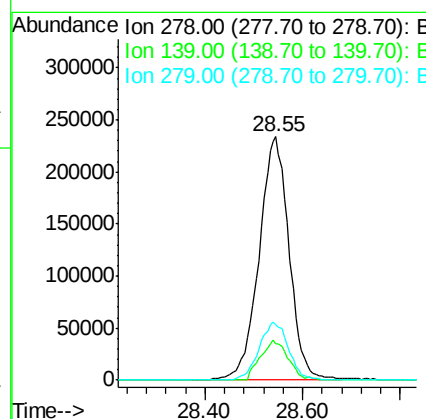
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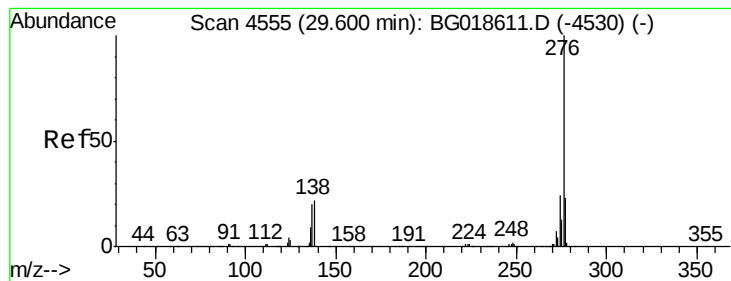
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#90  
Dibenzo(a,h)anthracene  
Concen: 39.55 ng  
RT: 28.55 min Scan# 4375  
Delta R.T. 0.03 min  
Lab File: BG018636.D  
Acq: 11 Sep 2015 13:03

Tgt Ion:278 Resp: 1002760  
Ion Ratio Lower Upper  
278 100  
139 15.0 13.8 20.6  
279 22.8 19.4 29.0





#91

Benzo(g,h,i)perylene

Concen: 39.52 ng

RT: 29.62 min Scan# 4558

Delta R.T. 0.04 min

Lab File: BG018636.D

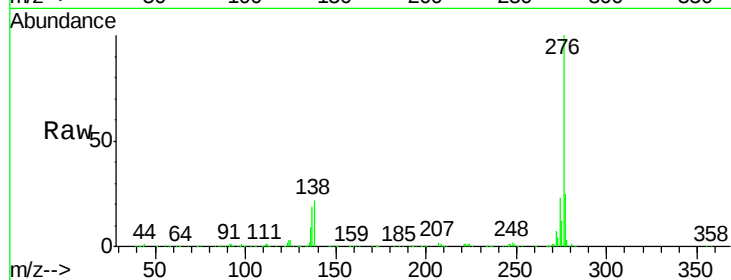
Acq: 11 Sep 2015 13:03

Instrument :

BNA\_G

ClientSampleId :

PB85375BS



Tgt Ion: 276 Resp: 1020343

Ion Ratio Lower Upper

276 100

277 24.8 18.4 27.6

138 21.6 17.4 26.0

Manual Integrations

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