

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG091415\  
 Data File : BG018663.D  
 Acq On : 14 Sep 2015 15:49  
 Operator : UM/IZ  
 Sample : PB85471BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85471BS

Manual Integrations  
 APPROVED

MMDadoda  
 9/15/2015 1:33:57 PM

Quant Time: Sep 15 02:16:35 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG091115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 15 01:23:14 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 57897    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.81 | 136  | 234740   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.63 | 164  | 143429   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.37 | 188  | 413433   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.63 | 240  | 507601   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.82 | 264  | 513024   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.58  | 112 | 427904  | 127.67 | ng | 0.00 |
| 7) Phenol-d6             | 7.17  | 99  | 577121  | 120.09 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.16  | 82  | 327387  | 78.04  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.12 | 330 | 247729  | 128.27 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.26 | 172 | 834791  | 80.80  | ng | 0.00 |
| 78) Terphenyl-d14        | 19.98 | 244 | 1563923 | 80.91  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.47  | 88  | 44475  | 31.75 | ng | # 100  |
| 3) Pyridine                    | 3.87  | 79  | 130932 | 30.15 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.78  | 42  | 49936  | 33.02 | ng | 78     |
| 6) Aniline                     | 7.33  | 93  | 172841 | 26.10 | ng | 99     |
| 8) 2-Chlorophenol              | 7.57  | 128 | 153908 | 39.77 | ng | 97     |
| 9) Benzaldehyde                | 7.14  | 77  | 74511  | 28.80 | ng | 99     |
| 10) Phenol                     | 7.19  | 94  | 200789 | 39.55 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93  | 150061 | 38.14 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146 | 164971 | 36.64 | ng | 94     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 167828 | 37.17 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 163595 | 37.94 | ng | 96     |
| 15) Benzyl Alcohol             | 8.24  | 79  | 125865 | 36.34 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54  | 45  | 168306 | 37.67 | ng | 98     |
| 17) 2-Methylphenol             | 8.44  | 107 | 138504 | 39.26 | ng | 97     |
| 18) Hexachloroethane           | 9.09  | 117 | 60627  | 37.55 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 8.80  | 70  | 109467 | 32.34 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.77  | 107 | 186560 | 37.67 | ng | 94     |
| 22) Acetophenone               | 8.82  | 105 | 224806 | 37.80 | ng | 100    |
| 24) Nitrobenzene               | 9.20  | 77  | 165065 | 37.05 | ng | 99     |
| 25) Isophorone                 | 9.72  | 82  | 311443 | 34.52 | ng | 100    |
| 26) 2-Nitrophenol              | 9.92  | 139 | 78162  | 37.61 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 9.98  | 122 | 151223 | 40.07 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 10.21 | 93  | 204027 | 39.38 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.45 | 162 | 156630 | 41.07 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.67 | 180 | 162581 | 38.47 | ng | 98     |
| 31) Naphthalene                | 10.86 | 128 | 477168 | 37.96 | ng | 98     |
| 32) Benzoic acid               | 10.09 | 122 | 95555  | 33.39 | ng | 97     |
| 33) 4-Chloroaniline            | 10.96 | 127 | 90719  | 15.95 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.15 | 225 | 96770  | 38.84 | ng | 97     |
| 35) Caprolactam                | 11.72 | 113 | 59930m | 36.55 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.08 | 107 | 160539 | 37.73 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.46 | 142 | 346161 | 37.62 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216 | 178178 | 39.17 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 12.81 | 237 | 221402 | 96.91 | ng | 99     |

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Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB85471BS

Manual Integrations  
 APPROVED

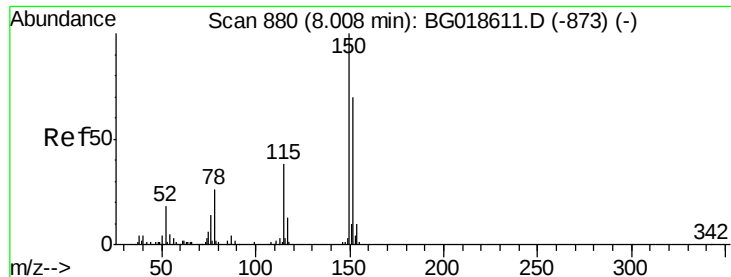
MMDadoda  
 9/15/2015 1:33:57 PM

Quant Time: Sep 15 02:16:35 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG091115.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 15 01:23:14 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.06 | 196  | 126730   | 40.23 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 13.14 | 196  | 140358   | 40.61 | ng    | 98       |
| 45) 1,1'-Biphenyl              | 13.47 | 154  | 448130   | 39.29 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.51 | 162  | 346392   | 39.42 | ng    | 97       |
| 47) 2-Nitroaniline             | 13.71 | 65   | 100021   | 37.83 | ng    | 86       |
| 48) Acenaphthylene             | 14.35 | 152  | 597909   | 38.49 | ng    | 97       |
| 49) Dimethylphthalate          | 14.08 | 163  | 447854   | 37.71 | ng    | 97       |
| 50) 2,6-Dinitrotoluene         | 14.20 | 165  | 103018   | 39.92 | ng    | 99       |
| 51) Acenaphthene               | 14.69 | 154  | 354250   | 39.20 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.53 | 138  | 82007    | 26.60 | ng    | 87       |
| 53) 2,4-Dinitrophenol          | 14.74 | 184  | 103430   | 79.28 | ng    | 92       |
| 54) Dibenzofuran               | 15.03 | 168  | 563879   | 40.15 | ng    | 100      |
| 55) 4-Nitrophenol              | 14.84 | 139  | 225853   | 94.87 | ng    | 96       |
| 56) 2,4-Dinitrotoluene         | 14.99 | 165  | 152904   | 41.78 | ng    | 96       |
| 57) Fluorene                   | 15.68 | 166  | 468286   | 38.73 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.25 | 232  | 133860   | 41.30 | ng    | 97       |
| 59) Diethylphthalate           | 15.44 | 149  | 468760   | 37.84 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.66 | 204  | 230928   | 39.75 | ng    | 97       |
| 61) 4-Nitroaniline             | 15.69 | 138  | 137764   | 41.44 | ng    | 97       |
| 62) Azobenzene                 | 15.96 | 77   | 433079   | 39.56 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.75 | 198  | 79021    | 36.88 | ng    | 96       |
| 65) n-Nitrosodiphenylamine     | 15.88 | 169  | 412671   | 34.46 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.56 | 248  | 151832   | 36.11 | ng    | 98       |
| 67) Hexachlorobenzene          | 16.68 | 284  | 173200   | 37.91 | ng    | 97       |
| 68) Atrazine                   | 16.83 | 200  | 195314   | 41.02 | ng    | 97       |
| 69) Pentachlorophenol          | 17.02 | 266  | 243688   | 86.49 | ng    | 95       |
| 70) Phenanthrene               | 17.41 | 178  | 847976   | 38.99 | ng    | 98       |
| 71) Anthracene                 | 17.50 | 178  | 875558   | 39.76 | ng    | 99       |
| 72) Carbazole                  | 17.77 | 167  | 919869   | 43.16 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.33 | 149  | 1083983  | 43.12 | ng    | 100      |
| 74) Fluoranthene               | 19.42 | 202  | 1203910  | 44.70 | ng    | 98       |
| 76) Benzidine                  | 19.59 | 184  | 519783   | 34.10 | ng    | 98       |
| 77) Pyrene                     | 19.78 | 202  | 1239445  | 39.73 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.66 | 149  | 509757   | 40.20 | ng    | 98       |
| 80) Benzo(a)anthracene         | 21.61 | 228  | 1151729  | 39.41 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.53 | 252  | 291532   | 26.26 | ng    | 98       |
| 82) Chrysene                   | 21.68 | 228  | 1044350  | 37.95 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.52 | 149  | 744990   | 40.72 | ng    | 97       |
| 84) Di-n-octyl phthalate       | 22.71 | 149  | 1249018  | 40.37 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.45 | 276  | 1367568  | 39.14 | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 23.81 | 252  | 1213903  | 40.80 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 23.88 | 252  | 1156672  | 38.81 | ng    | 97       |
| 89) Benzo(a)pyrene             | 24.67 | 252  | 1167698  | 41.25 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.51 | 278  | 1102620  | 39.56 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 29.59 | 276  | 1139622  | 40.15 | ng    | 99       |

(#) = 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

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

ClientSampleId :

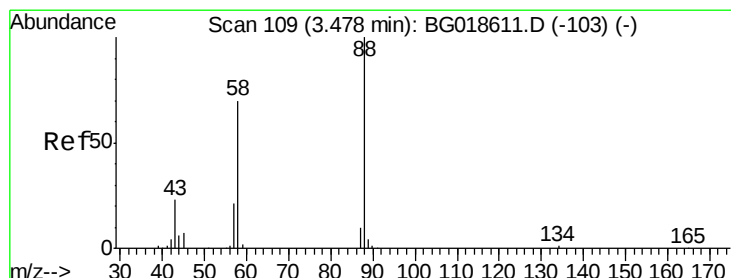
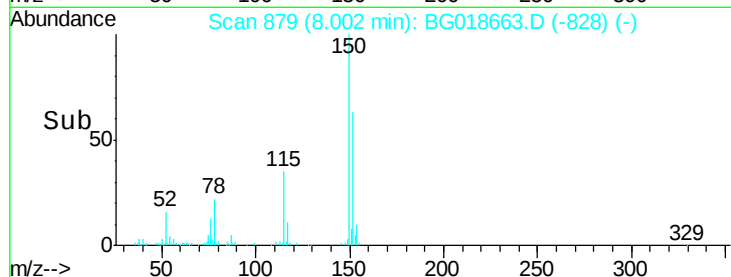
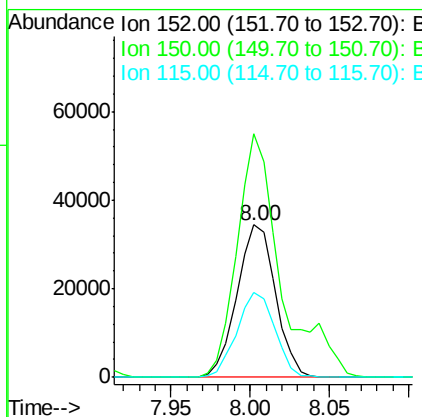
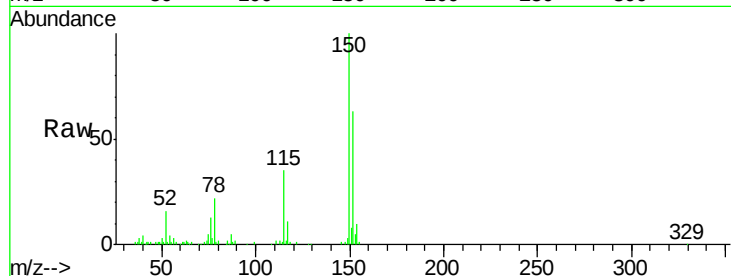
PB85471BS

Manual Integrations  
APPROVED

MMDadoda

9/15/2015 1:33:57 PM

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 57897 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 150       | 159.9 | 115.0 | 172.4 |
| 115       | 56.1  | 43.9  | 65.9  |



#2

1,4-Dioxane

Concen: 31.75 ng

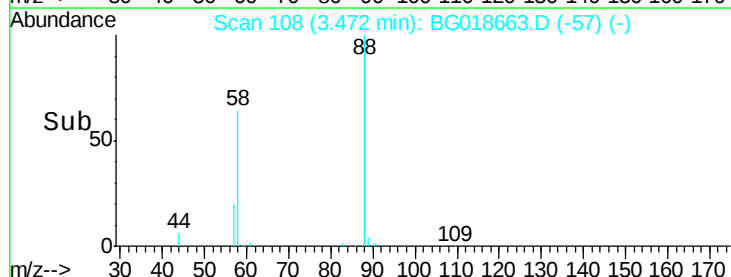
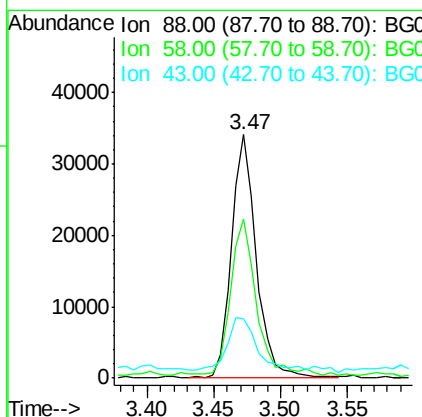
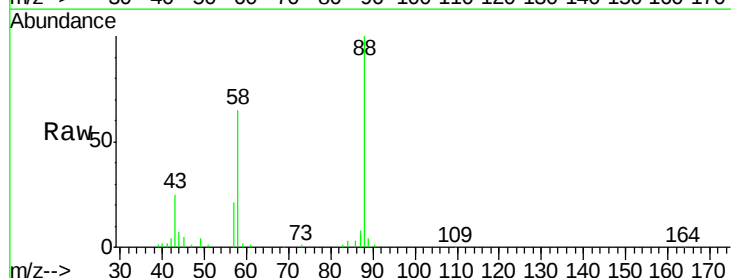
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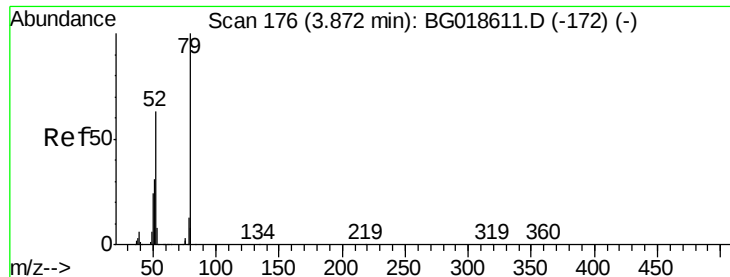
Delta R.T. 0.00 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 88    | Resp: | 44475 |
| Ion Ratio | Lower | Upper |       |
| 88        | 100   |       |       |
| 58        | 65.9  | 0.0   | 0.0#  |
| 43        | 24.7  | 0.0   | 0.0#  |





#3

Pyridine

Concen: 30.15 ng

RT: 3.87 min Scan# 175

Delta R.T. -0.01 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

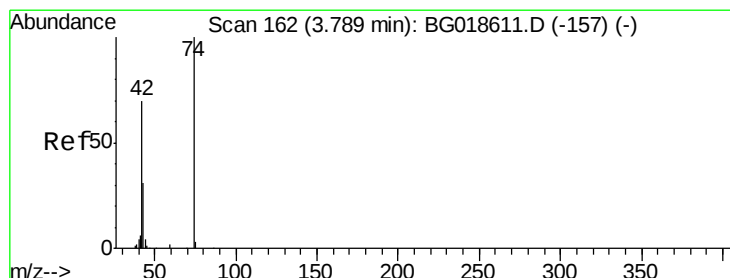
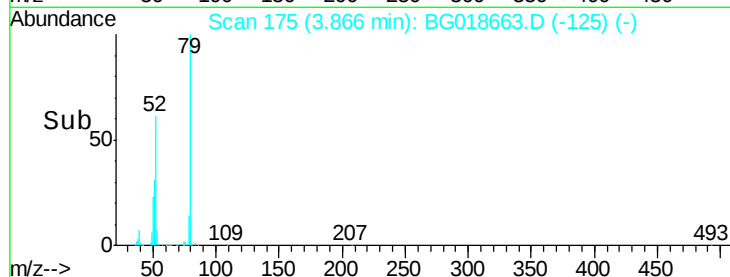
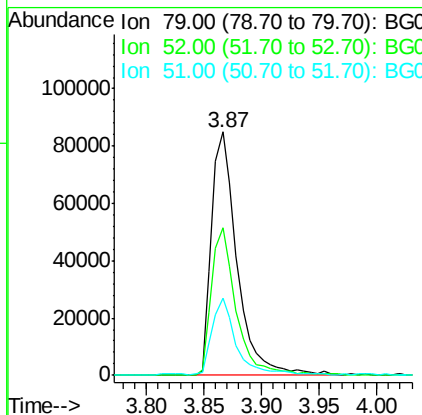
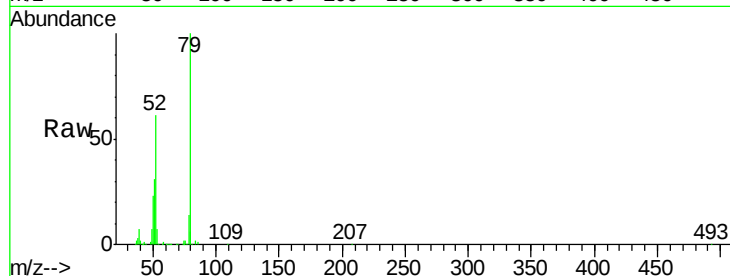
ClientSampleId :

PB85471BS

Manual Integrations  
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9/15/2015 1:33:57 PM

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 79      | 100  |       | 130932 |       |       |
| 52      | 60.6 | 50.3  | 75.5   |       |       |
| 51      | 31.5 | 24.8  | 37.2   |       |       |



#4

n-Nitrosodimethylamine

Concen: 33.02 ng

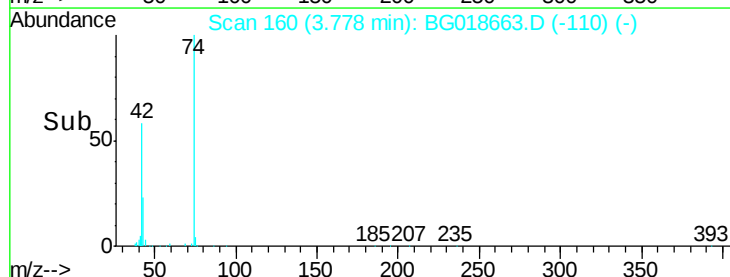
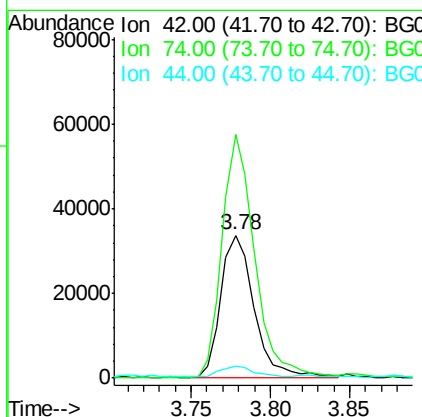
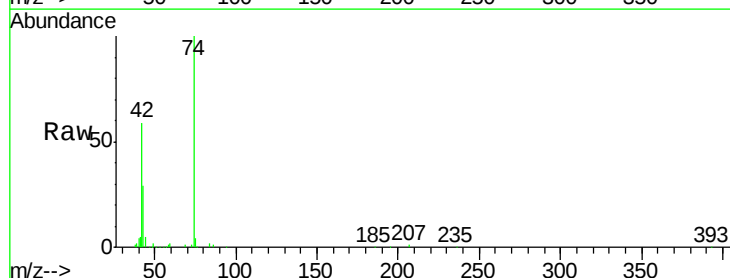
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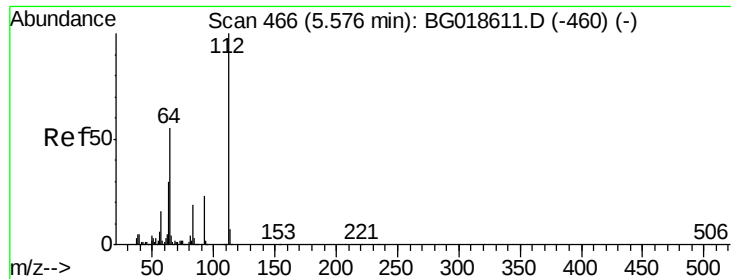
Delta R.T. -0.01 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 42      | 100   |       | 49936 |       |       |
| 74      | 170.7 | 113.9 | 170.9 |       |       |
| 44      | 8.0   | 5.7   | 8.5   |       |       |





#5

2-Fluorophenol

Concen: 127.67 ng

RT: 5.58 min Scan# 466

Delta R.T. 0.00 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

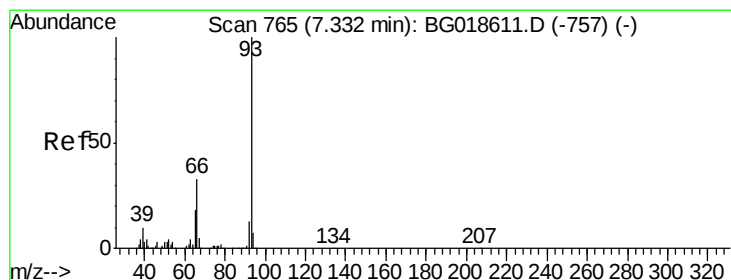
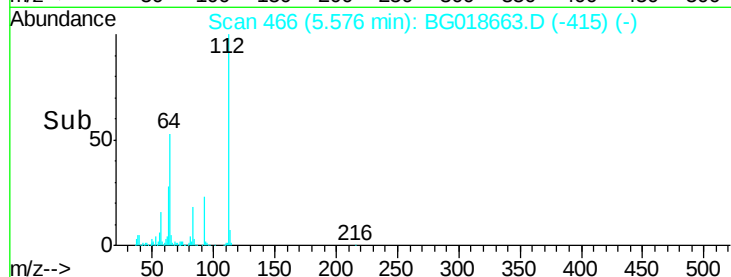
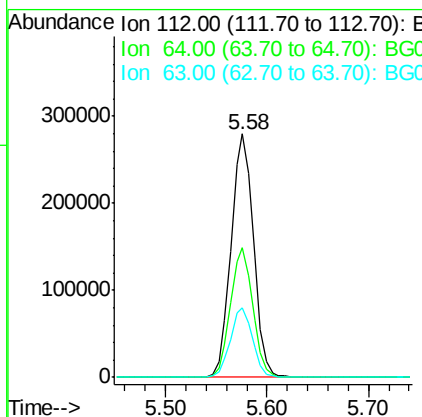
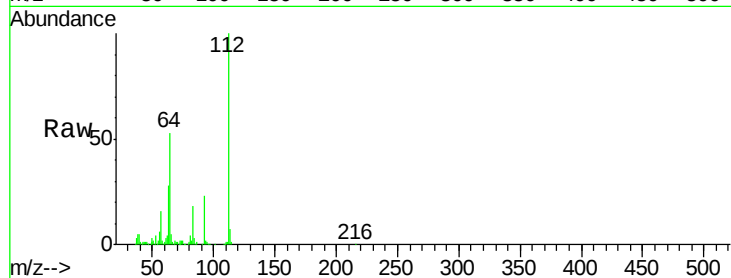
ClientSampleId :

PB85471BS

Manual Integrations  
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MMDadoda  
9/15/2015 1:33:57 PM

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 427904 |       |       |
| 64      | 53.3  | 43.7   | 65.5  |       |
| 63      | 28.4  | 24.0   | 36.0  |       |



#6

Aniline

Concen: 26.10 ng

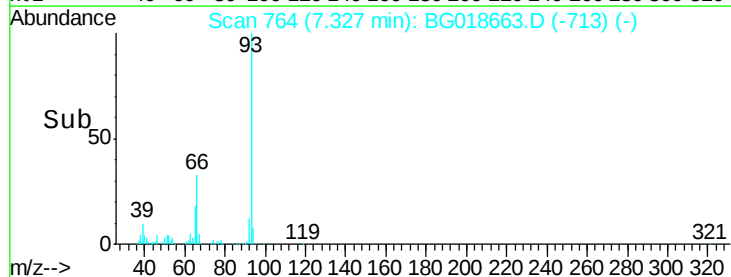
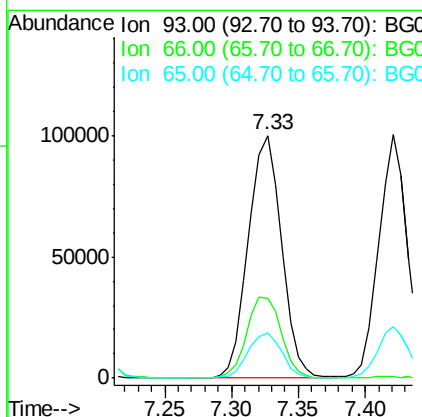
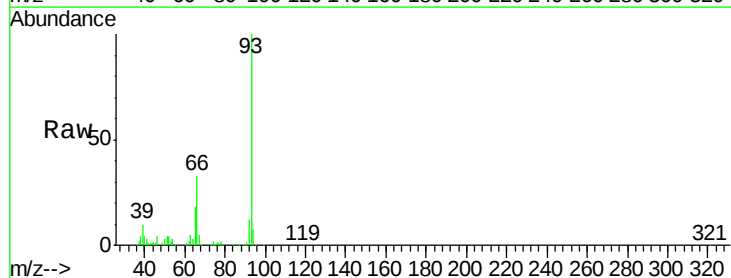
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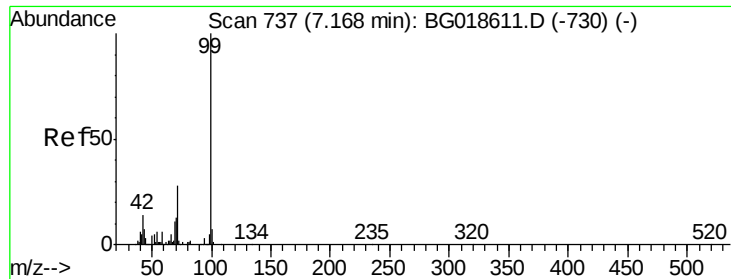
Delta R.T. 0.00 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 172841 |       |       |
| 66      | 32.9  | 26.2   | 39.2  |       |
| 65      | 18.4  | 14.0   | 21.0  |       |





#7

Phenol-d6

Concen: 120.09 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.01 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

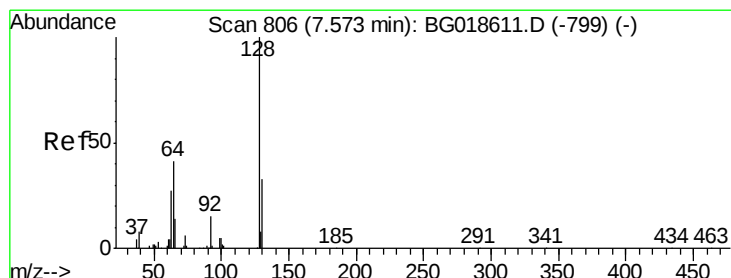
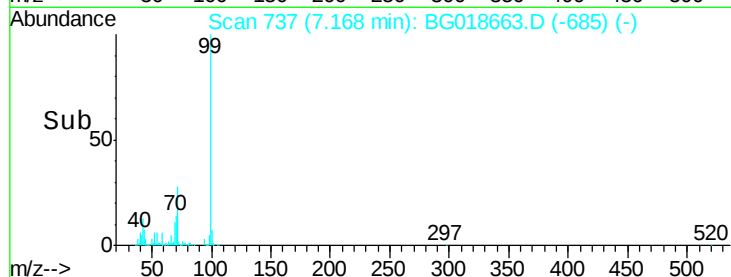
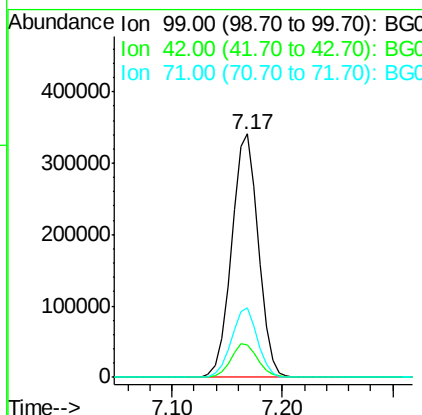
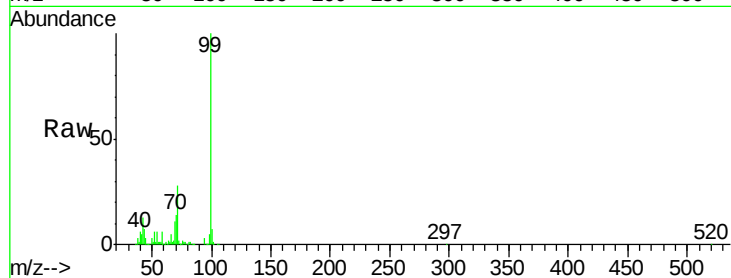
ClientSampleId :

PB85471BS

Manual Integrations  
APPROVED

MMDadoda  
9/15/2015 1:33:57 PM

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 577121 |       |       |
| 42      | 13.2 | 11.5  | 17.3   |       |       |
| 71      | 28.4 | 22.6  | 34.0   |       |       |



#8

2-Chlorophenol

Concen: 39.77 ng

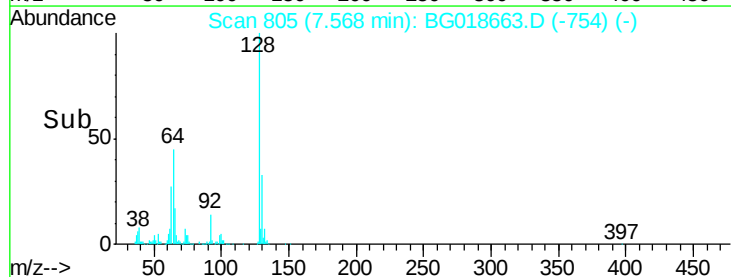
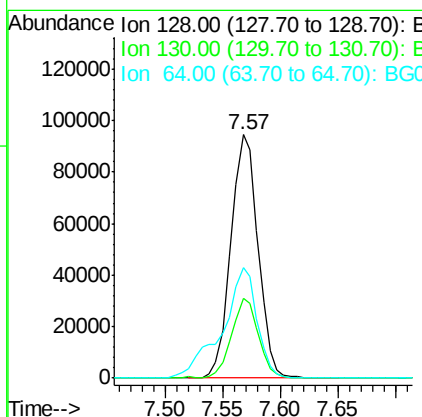
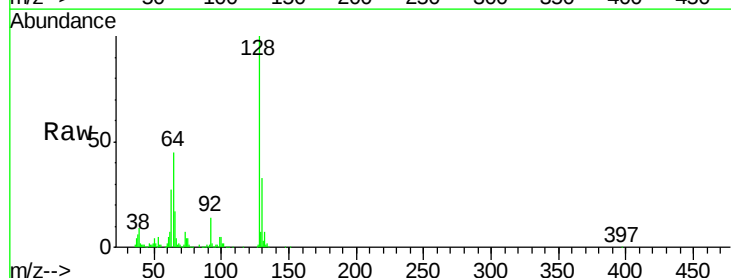
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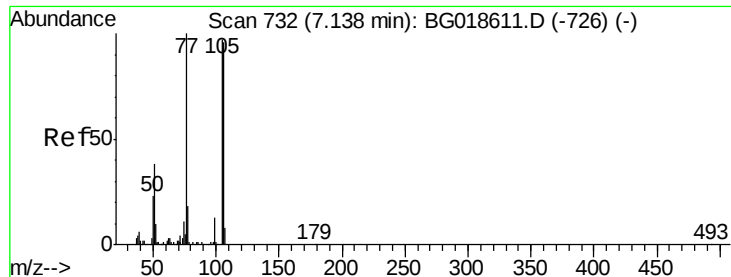
Delta R.T. 0.00 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 153908 |       |       |
| 130     | 32.6 | 13.0  | 53.0   |       |       |
| 64      | 45.3 | 28.2  | 68.2   |       |       |





#9

Benzaldehyde

Concen: 28.80 ng

RT: 7.14 min Scan# 732

Delta R.T. 0.00 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

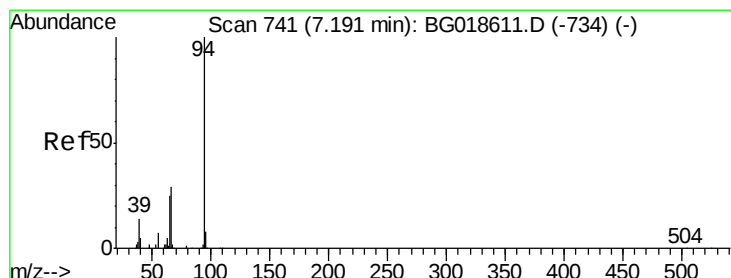
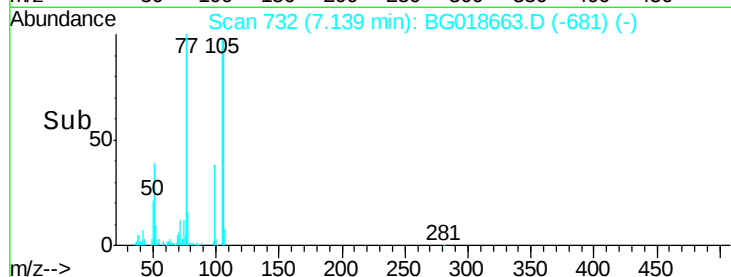
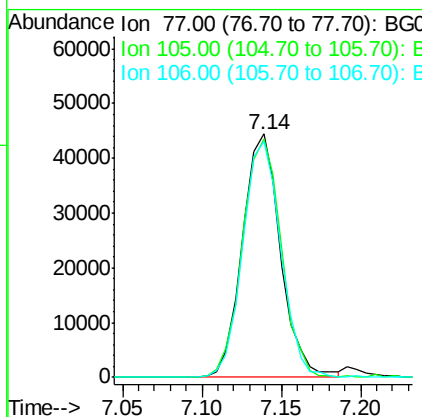
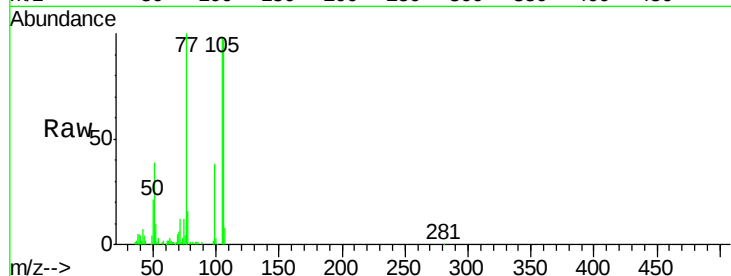
ClientSampleId :

PB85471BS

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|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 77    | Resp: | 74511 |
| Ion Ratio | Lower | Upper |       |
| 77        | 100   |       |       |
| 105       | 97.8  | 77.7  | 117.7 |
| 106       | 97.1  | 75.8  | 115.8 |



#10

Phenol

Concen: 39.55 ng

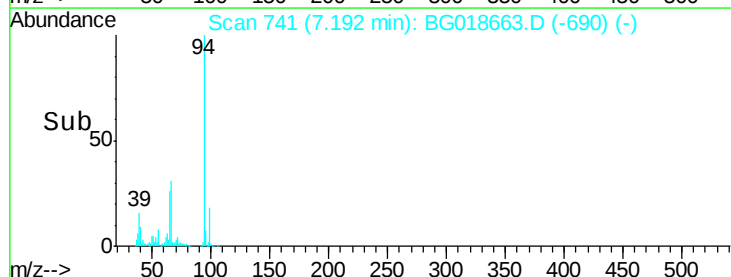
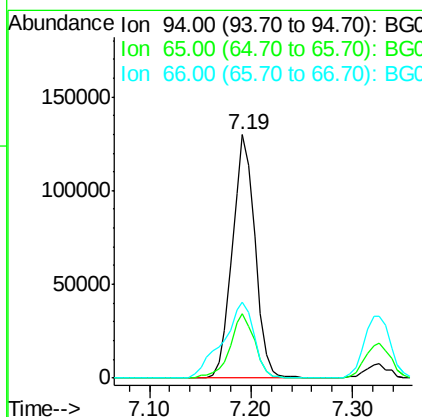
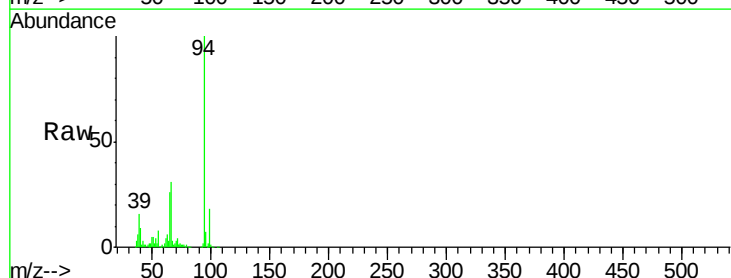
RT: 7.19 min Scan# 741

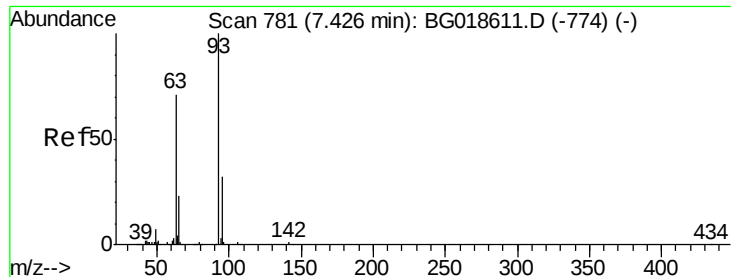
Delta R.T. 0.00 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 94    | Resp: | 200789 |
| Ion Ratio | Lower | Upper |        |
| 94        | 100   |       |        |
| 65        | 26.3  | 5.4   | 45.4   |
| 66        | 31.2  | 11.8  | 51.8   |





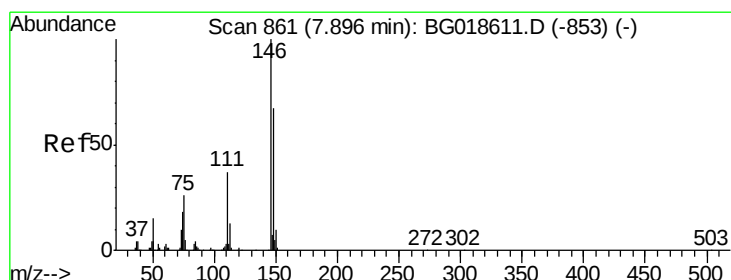
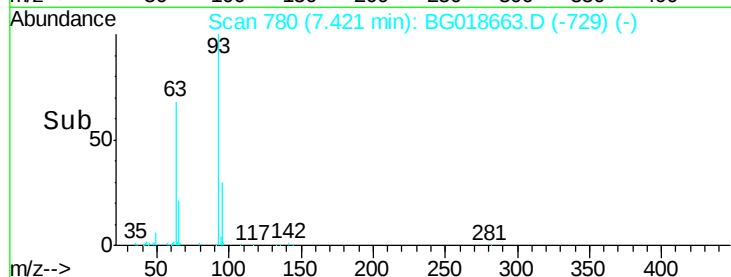
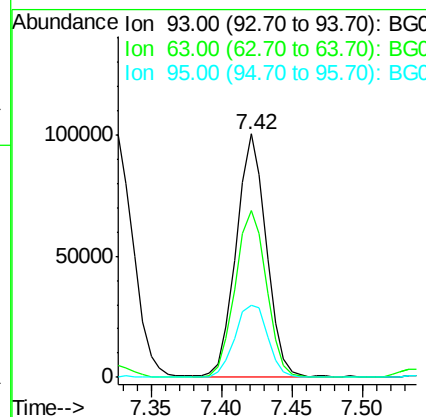
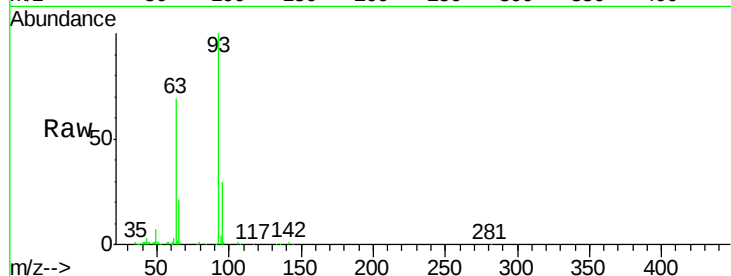
#11  
bis(2-Chloroethyl)ether  
Concen: 38.14 ng  
RT: 7.42 min Scan# 780  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 93      | 100   |            |       |
| 63      | 68.5  | 50.5       | 90.5  |
| 95      | 29.8  | 12.2       | 52.2  |

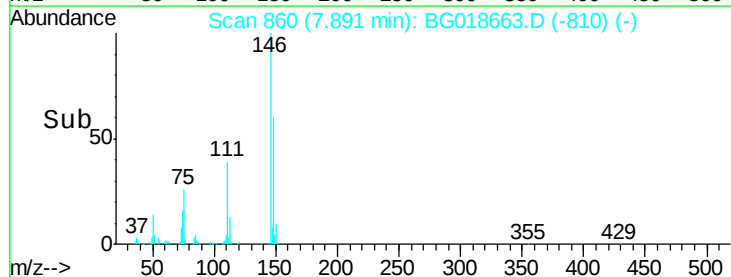
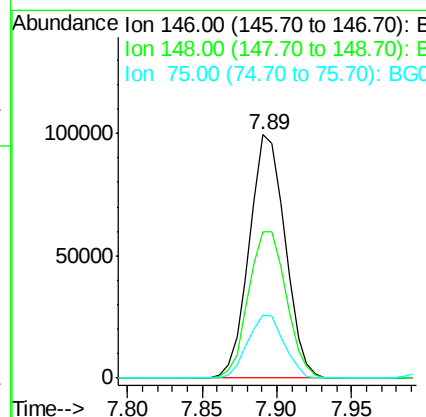
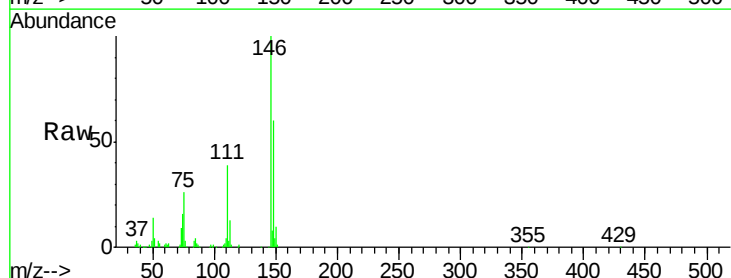
Manual Integrations  
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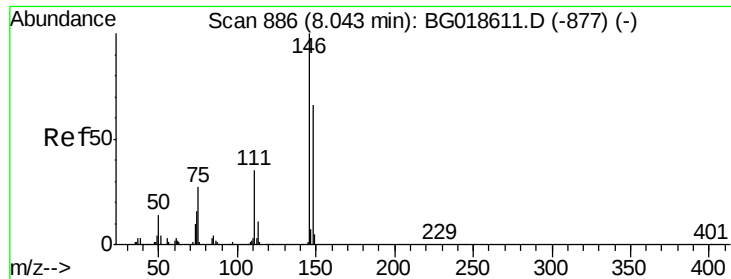
MMDadoda  
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#12  
1,3-Dichlorobenzene  
Concen: 36.64 ng  
RT: 7.89 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 146     | 100   |            |       |
| 148     | 60.2  | 53.4       | 80.0  |
| 75      | 25.9  | 21.1       | 31.7  |





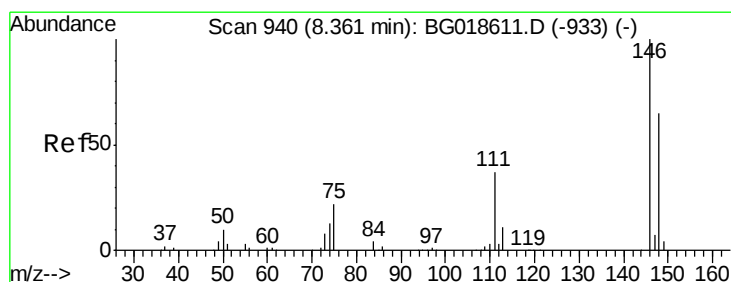
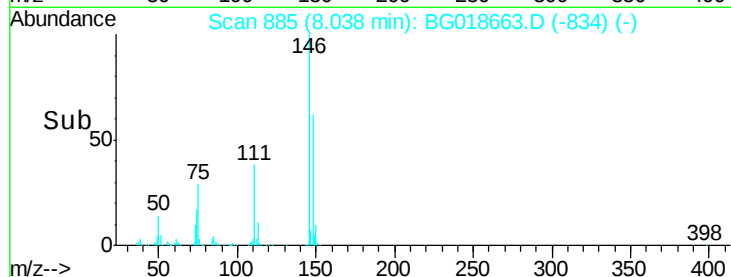
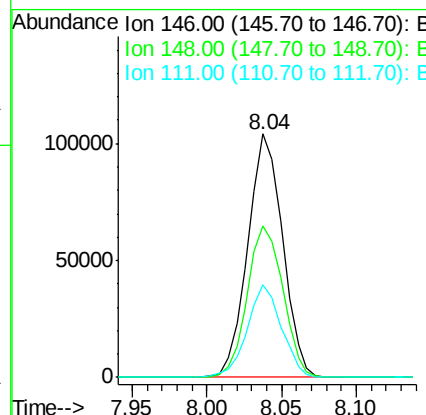
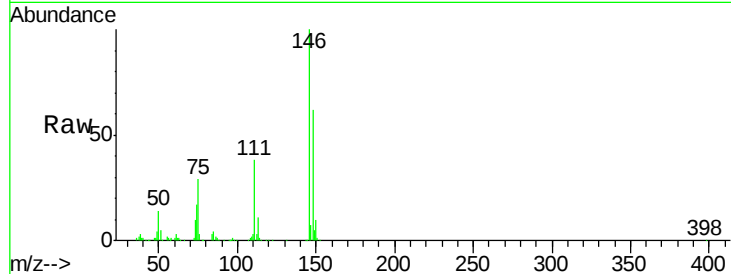
#13  
 1,4-Dichlorobenzene  
 Concen: 37.17 ng  
 RT: 8.04 min Scan# 885  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85471BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 167828 |       |       |
| 148     | 62.2  | 52.5   | 78.7  |       |
| 111     | 37.9  | 28.3   | 42.5  |       |

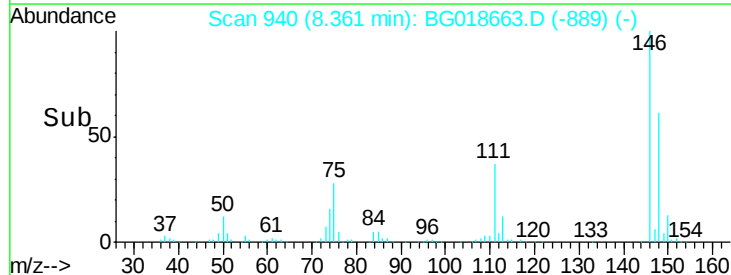
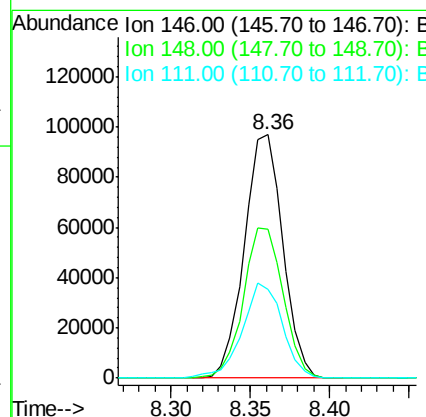
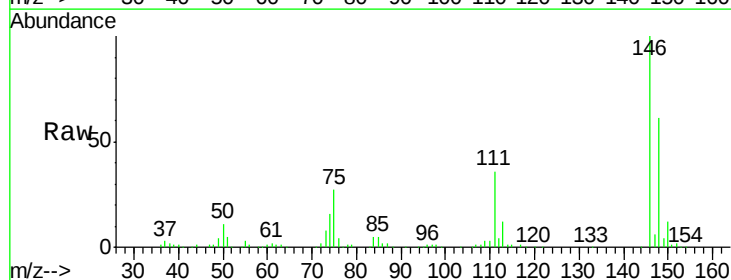
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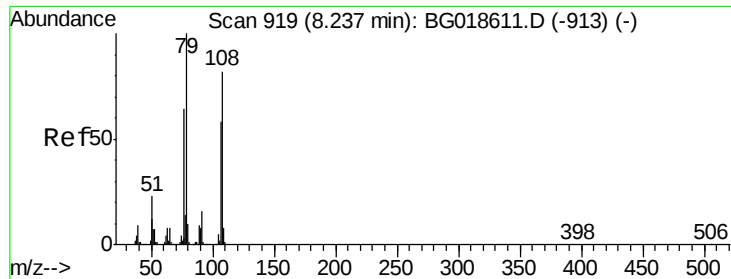
MMDadoda  
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#14  
 1,2-Dichlorobenzene  
 Concen: 37.94 ng  
 RT: 8.36 min Scan# 940  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 163595 |       |       |
| 148     | 61.1  | 52.5   | 78.7  |       |
| 111     | 36.3  | 29.9   | 44.9  |       |





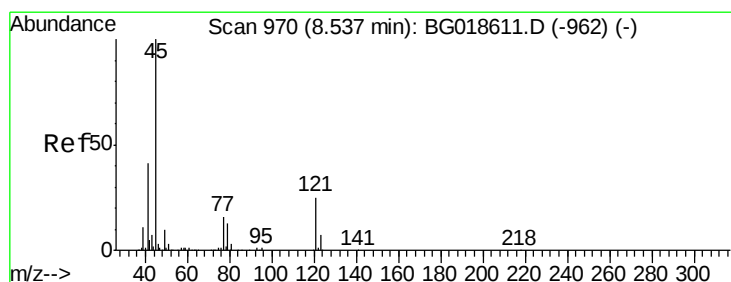
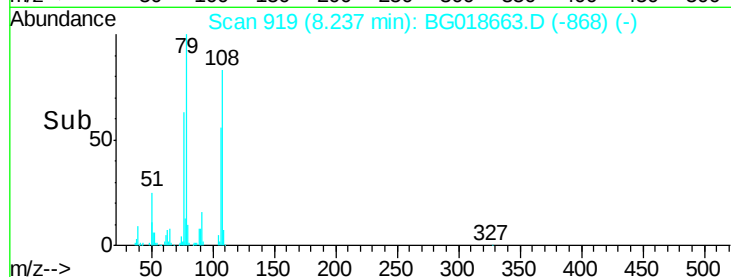
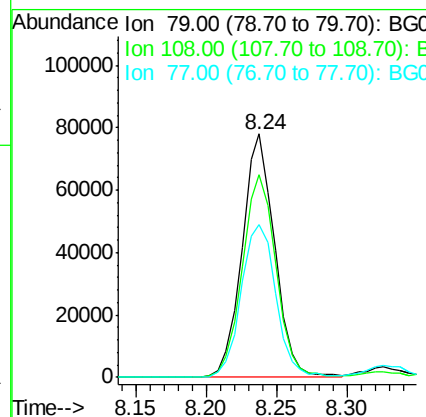
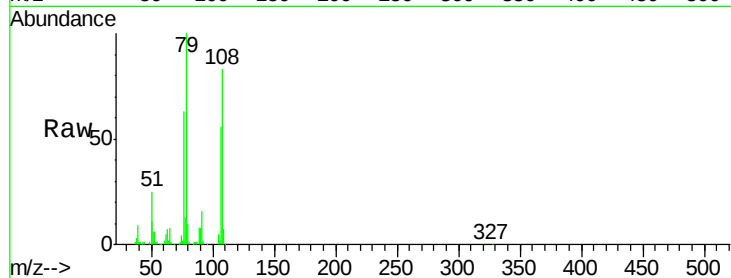
#15  
Benzyl Alcohol  
Concen: 36.34 ng  
RT: 8.24 min Scan# 919  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 79      | 100   | 125865 |       |       |
| 108     | 83.4  | 65.5   | 98.3  |       |
| 77      | 62.5  | 51.3   | 76.9  |       |

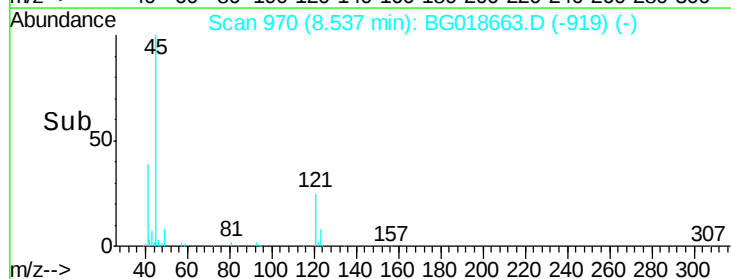
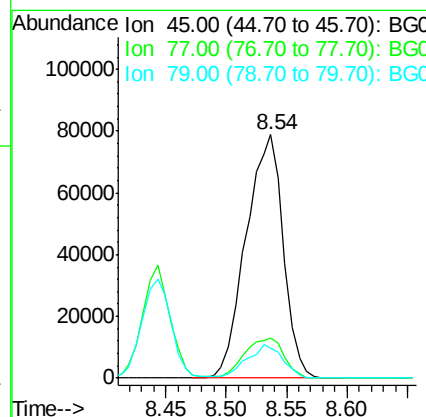
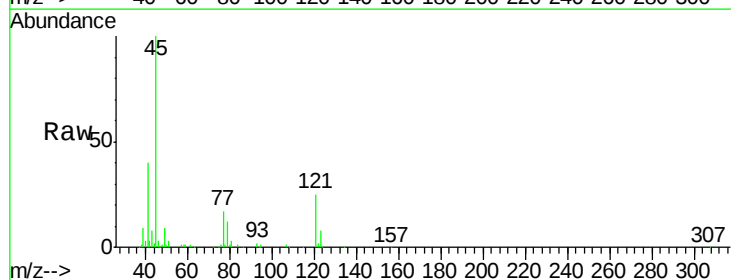
Manual Integrations  
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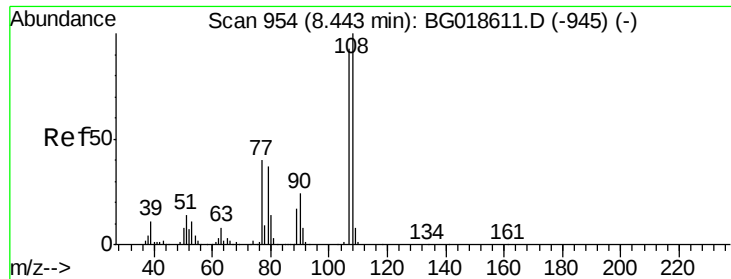
MMDadoda  
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#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 37.67 ng  
RT: 8.54 min Scan# 970  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 45      | 100   | 168306 |       |       |
| 77      | 16.7  | 0.0    | 37.0  |       |
| 79      | 12.4  | 0.0    | 33.8  |       |





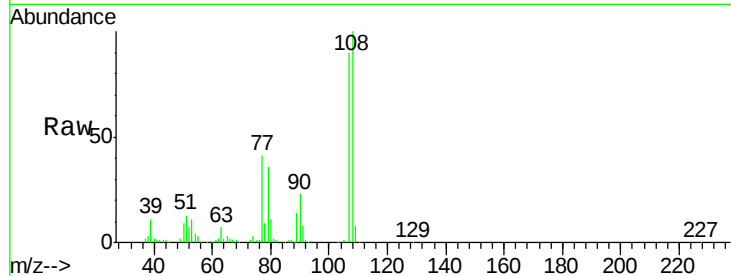
#17  
2-Methylphenol  
Concen: 39.26 ng  
RT: 8.44 min Scan# 954  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

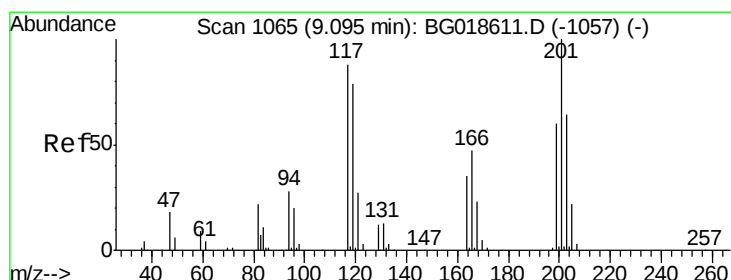
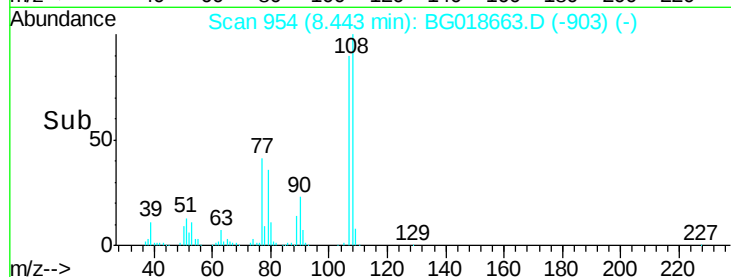
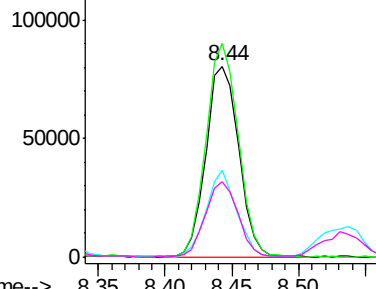
| Tgt | Ion   | Resp | Lower | Upper |
|-----|-------|------|-------|-------|
| 107 | 100   |      |       |       |
| 108 | 111.7 | 86.5 | 129.7 |       |
| 77  | 45.3  | 34.6 | 51.8  |       |
| 79  | 39.8  | 32.3 | 48.5  |       |

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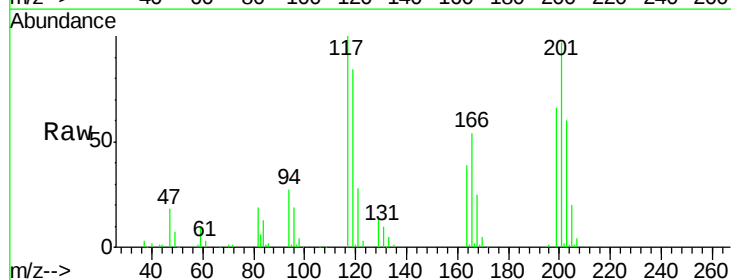


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

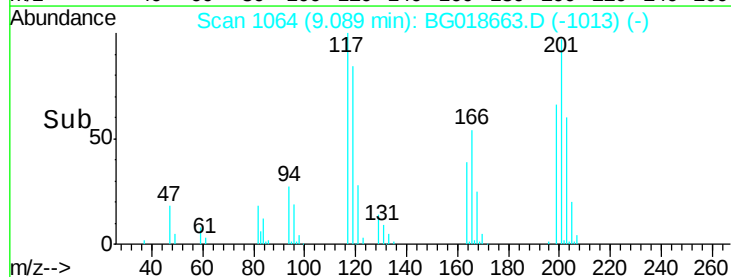
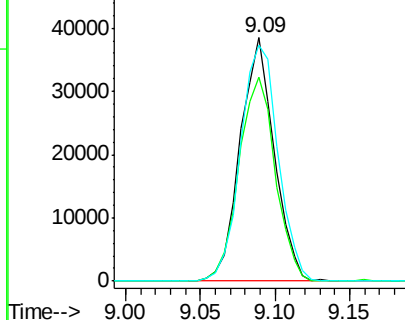


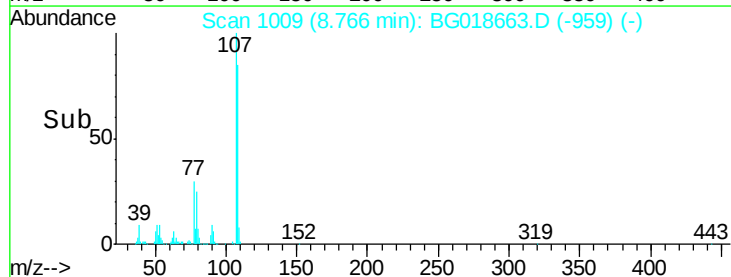
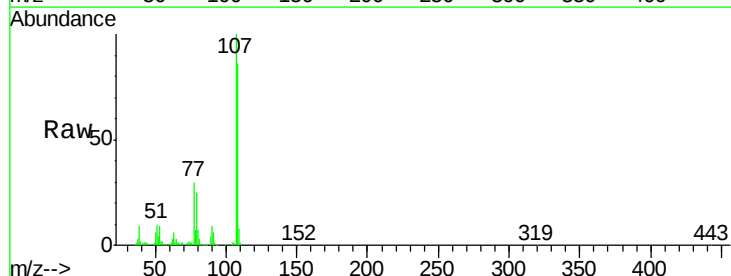
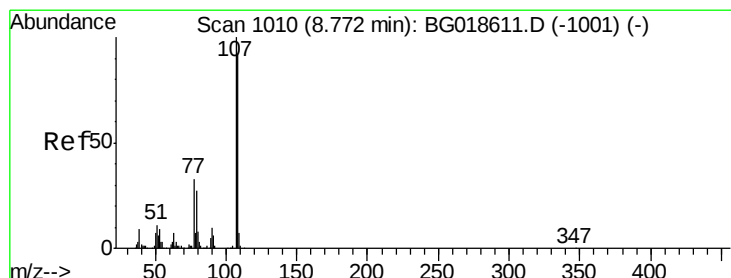
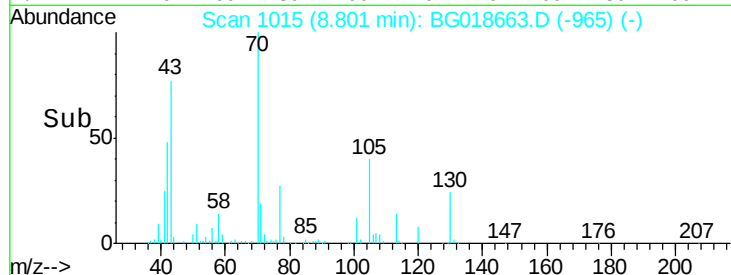
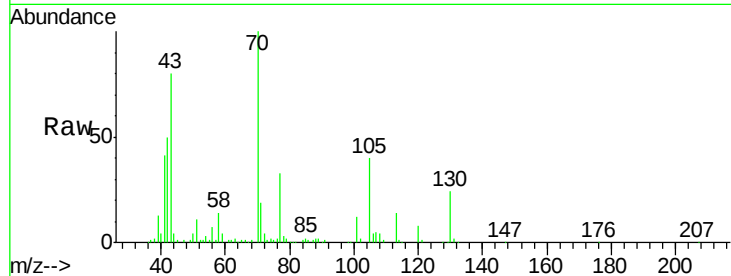
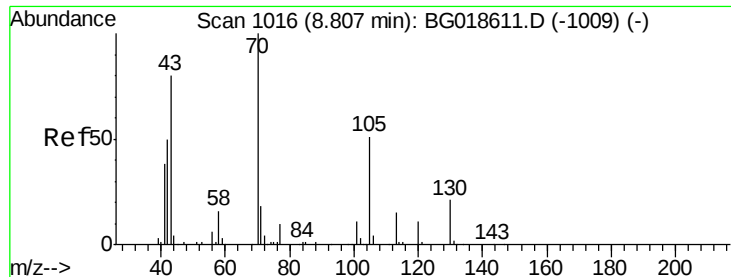
#18  
Hexachloroethane  
Concen: 37.55 ng  
RT: 9.09 min Scan# 1064  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt | Ion  | Resp | Lower | Upper |
|-----|------|------|-------|-------|
| 117 | 100  |      |       |       |
| 119 | 83.8 | 71.7 | 107.5 |       |
| 201 | 96.7 | 90.9 | 136.3 |       |



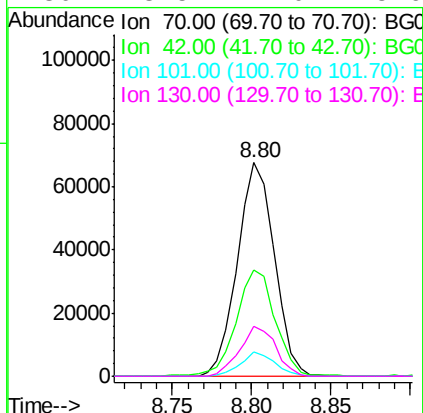
Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 32.34 ng  
RT: 8.80 min Scan# 1015  
Delta R.T. -0.01 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 49.7  | 40.6  | 60.8  |
| 101     | 11.5  | 8.6   | 13.0  |
| 130     | 23.5  | 17.0  | 25.6  |



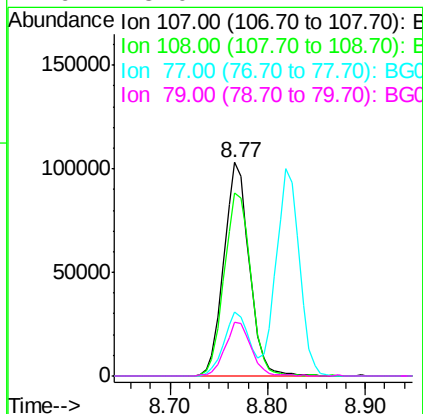
Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

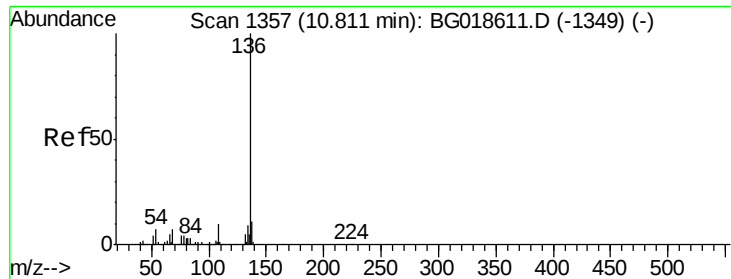
Manual Integrations  
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#20  
3+4-Methylphenols  
Concen: 37.67 ng  
RT: 8.77 min Scan# 1009  
Delta R.T. -0.01 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 85.6  | 72.2  | 112.2 |
| 77      | 29.8  | 13.4  | 53.4  |
| 79      | 25.0  | 7.2   | 47.2  |





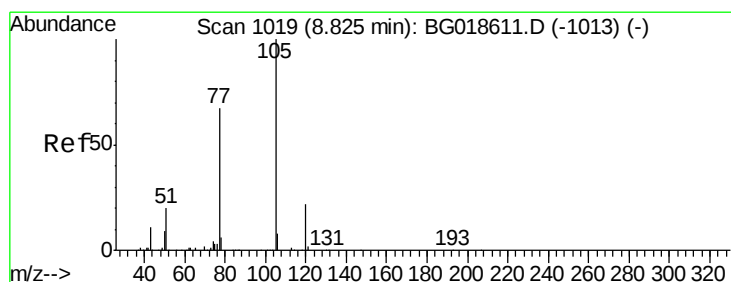
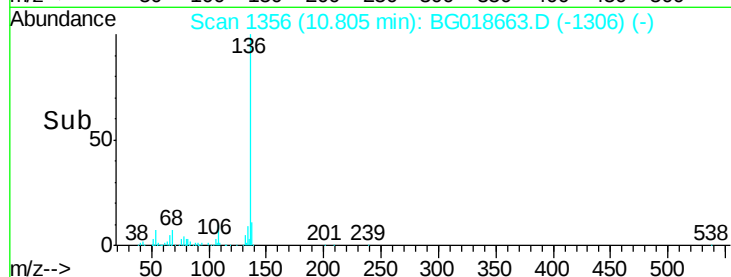
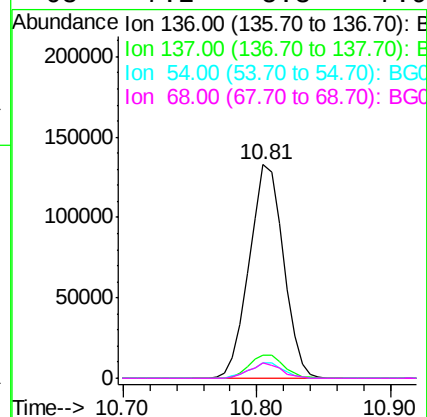
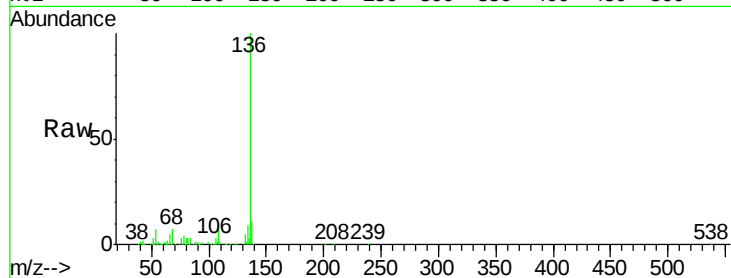
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.81 min Scan# 1356  
Delta R.T. -0.01 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 234740 |       |       |
| 137     | 10.6  | 8.6    | 12.8  |       |
| 54      | 7.1   | 5.4    | 8.2   |       |
| 68      | 7.2   | 5.3    | 7.9   |       |

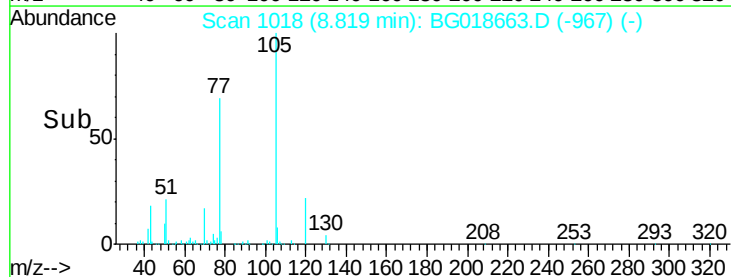
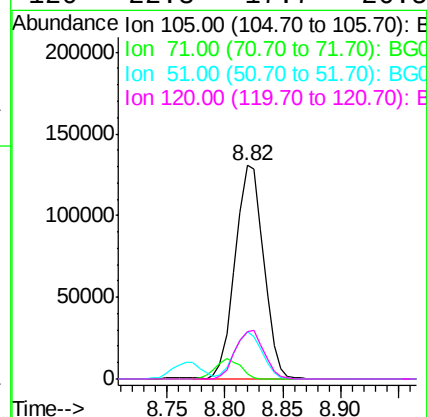
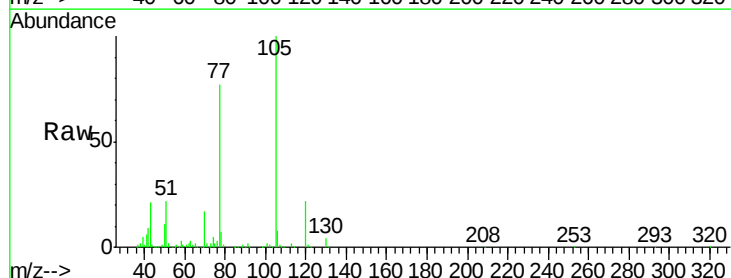
Manual Integrations  
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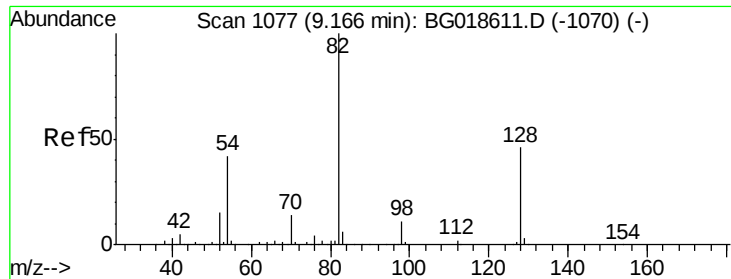
MMDadoda  
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#22  
Acetophenone  
Concen: 37.80 ng  
RT: 8.82 min Scan# 1018  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 224806 |       |       |
| 71      | 2.2   | 2.1    | 3.1   |       |
| 51      | 22.4  | 17.8   | 26.8  |       |
| 120     | 22.3  | 17.7   | 26.5  |       |





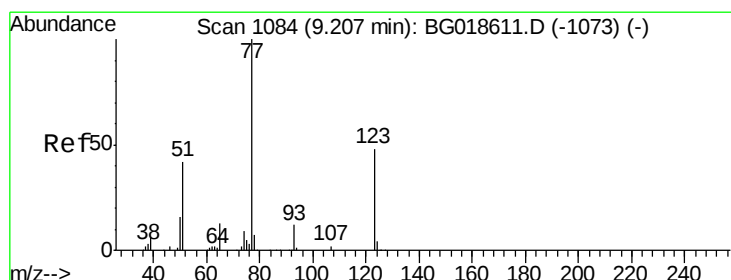
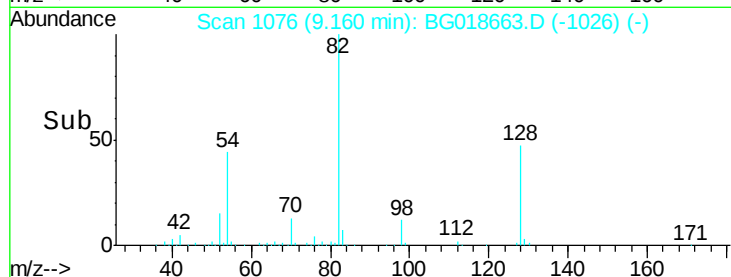
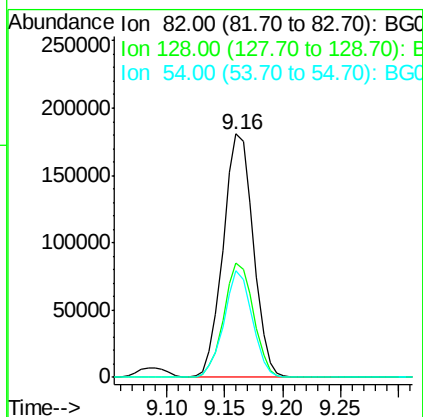
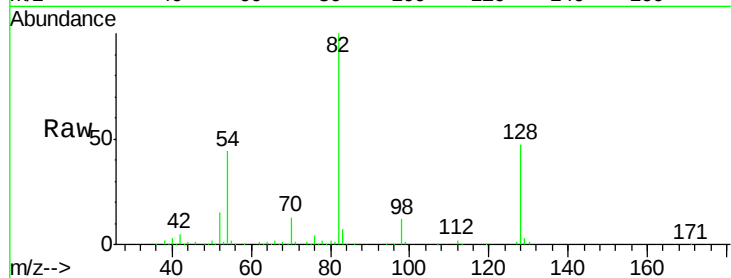
#23  
Nitrobenzene-d5  
Concen: 78.04 ng  
RT: 9.16 min Scan# 1076  
Delta R.T. -0.01 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 327387 |       |       |
| 128     | 47.1  | 36.7   | 55.1  |       |
| 54      | 43.6  | 33.8   | 50.8  |       |

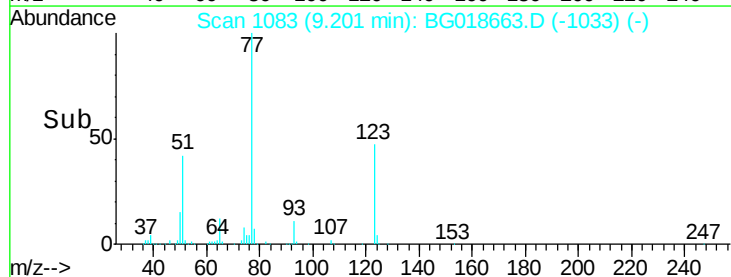
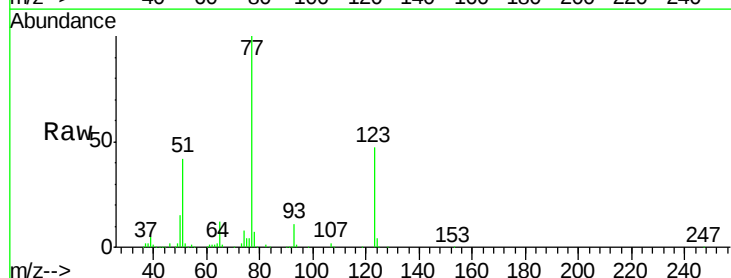
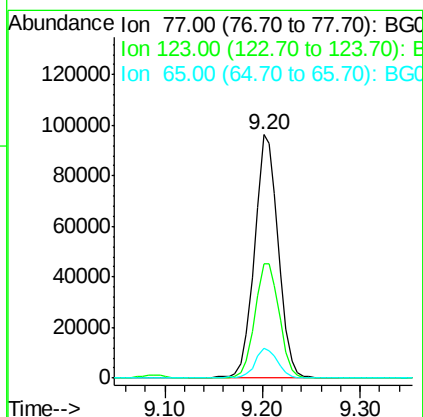
Manual Integrations  
APPROVED

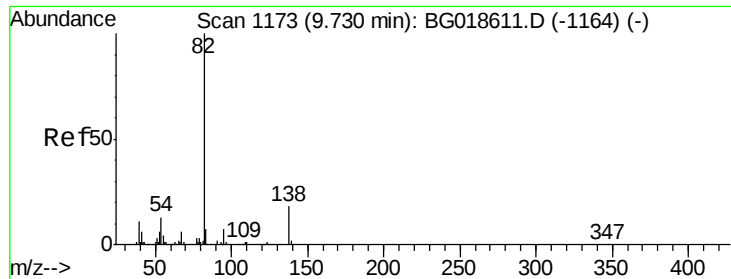
MMDadoda  
9/15/2015 1:33:57 PM



#24  
Nitrobenzene  
Concen: 37.05 ng  
RT: 9.20 min Scan# 1083  
Delta R.T. -0.01 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 165065 |       |       |
| 123     | 47.2  | 38.2   | 57.2  |       |
| 65      | 12.2  | 10.6   | 16.0  |       |





#25

Isophorone

Concen: 34.52 ng

RT: 9.72 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BG018663.D

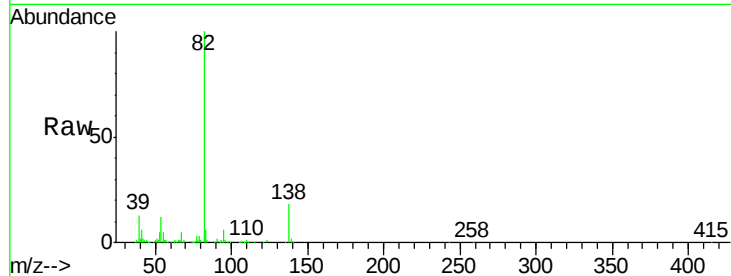
Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

ClientSampleId :

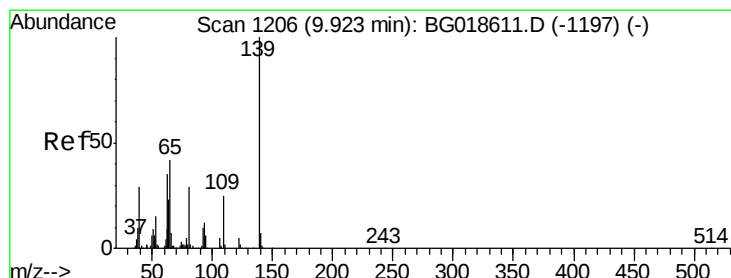
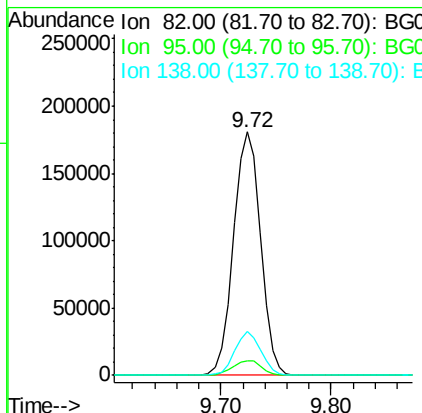
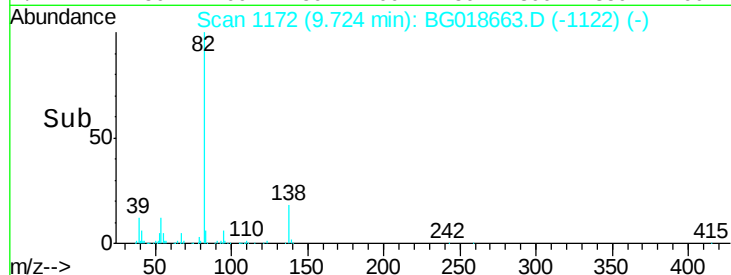
PB85471BS



| Tgt Ion | 82  | 95  | 138  |
|---------|-----|-----|------|
| Ratio   | 100 | 6.2 | 18.0 |
| Lower   |     | 5.2 | 14.4 |
| Upper   |     | 7.8 | 21.6 |

Manual Integrations  
APPROVED

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9/15/2015 1:33:57 PM



#26

2-Nitrophenol

Concen: 37.61 ng

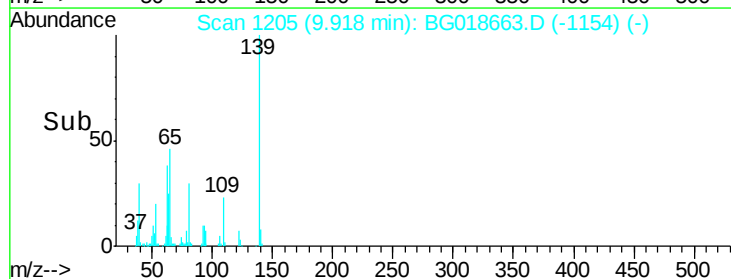
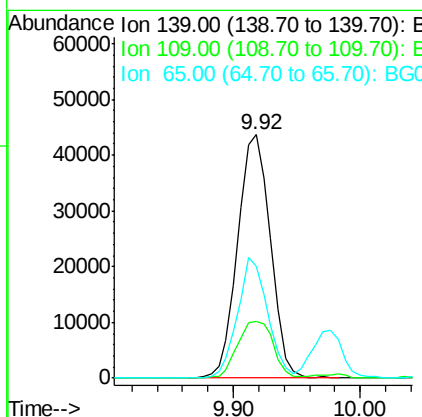
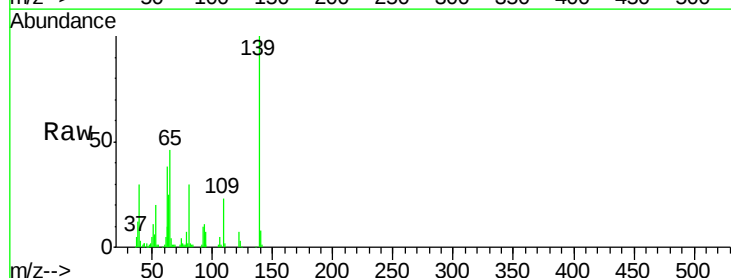
RT: 9.92 min Scan# 1205

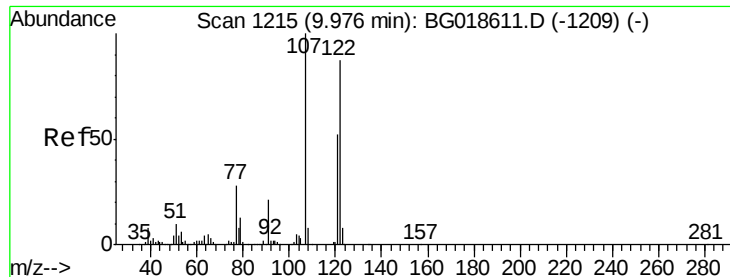
Delta R.T. 0.00 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

| Tgt Ion | 139 | 109  | 65   |
|---------|-----|------|------|
| Ratio   | 100 | 23.4 | 45.7 |
| Lower   |     | 20.1 | 34.1 |
| Upper   |     | 30.1 | 51.1 |





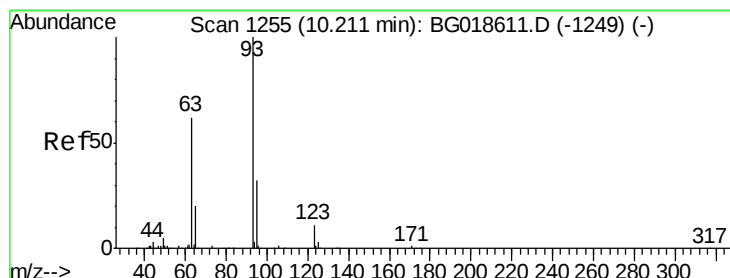
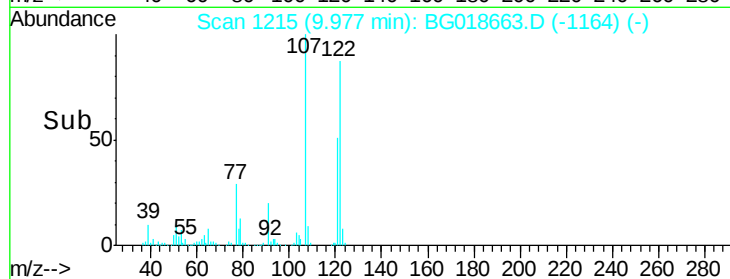
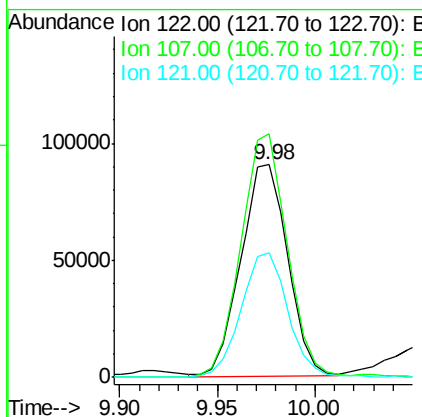
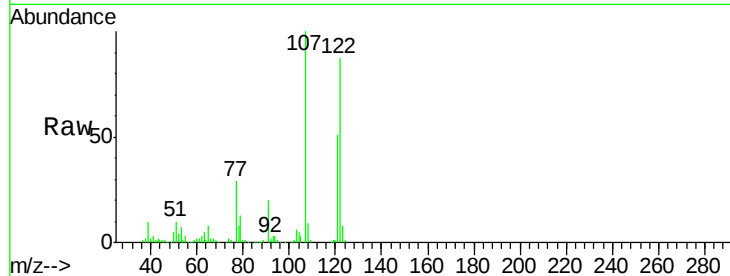
#27  
 2,4-Dimethylphenol  
 Concen: 40.07 ng  
 RT: 9.98 min Scan# 1215  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85471BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 122     | 100   | 151223 |       |       |
| 107     | 114.4 | 91.6   | 137.4 |       |
| 121     | 58.7  | 47.3   | 70.9  |       |

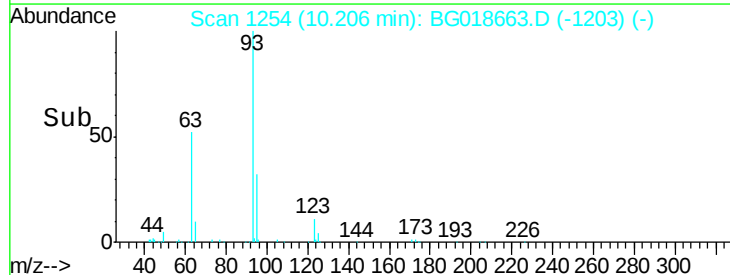
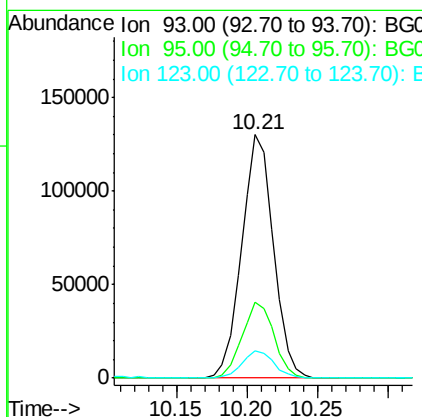
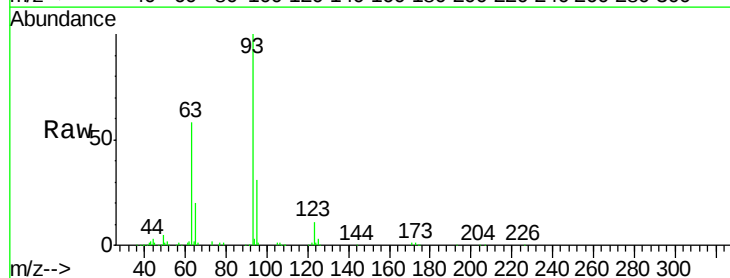
Manual Integrations  
 APPROVED

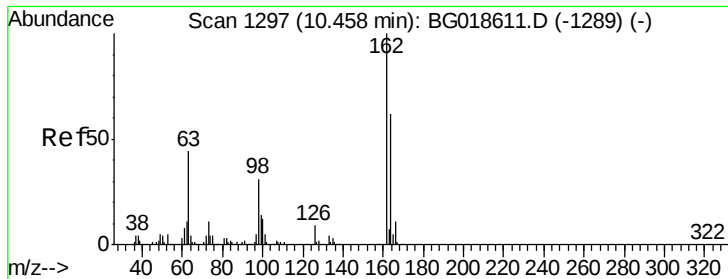
MMDadoda  
 9/15/2015 1:33:57 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.38 ng  
 RT: 10.21 min Scan# 1254  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 204027 |       |       |
| 95      | 31.3  | 25.7   | 38.5  |       |
| 123     | 11.0  | 8.6    | 12.8  |       |





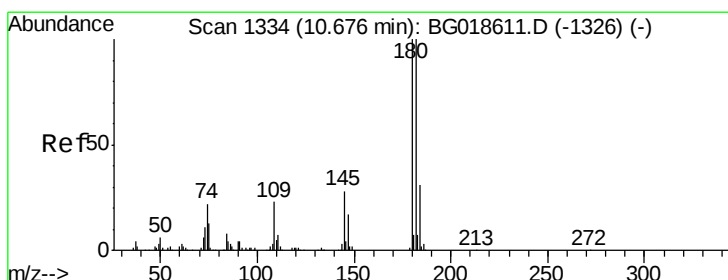
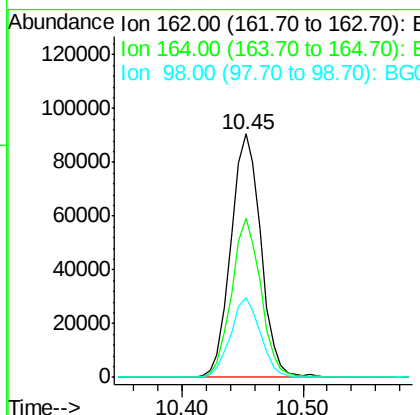
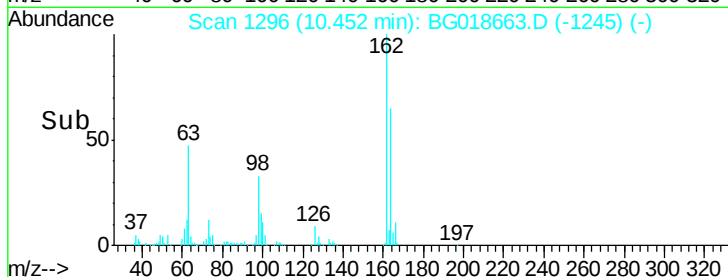
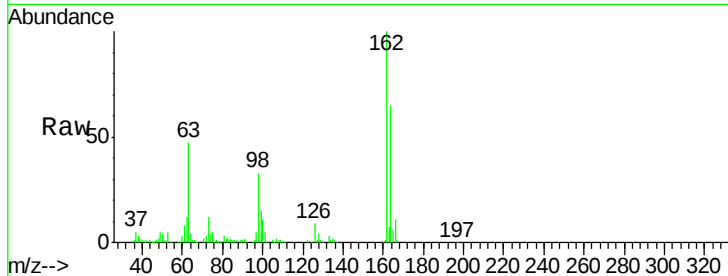
#29  
2,4-Dichlorophenol  
Concen: 41.07 ng  
RT: 10.45 min Scan# 1296  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 65.2  | 42.3       | 82.3       |
| 98      | 32.8  | 11.5       | 51.5       |

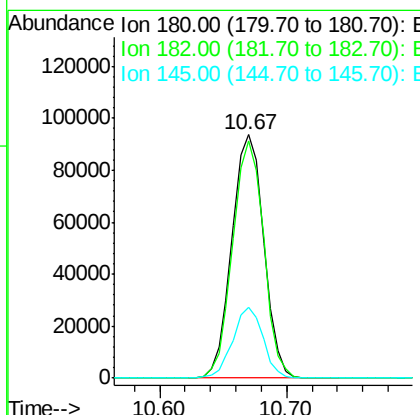
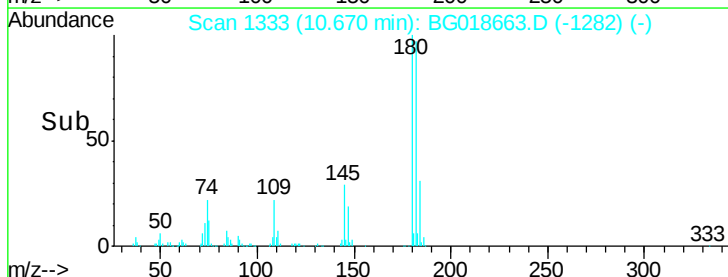
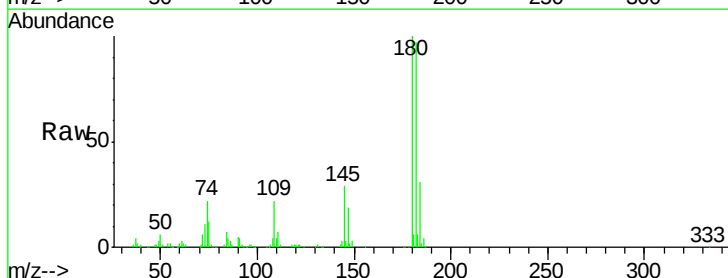
Manual Integrations  
APPROVED

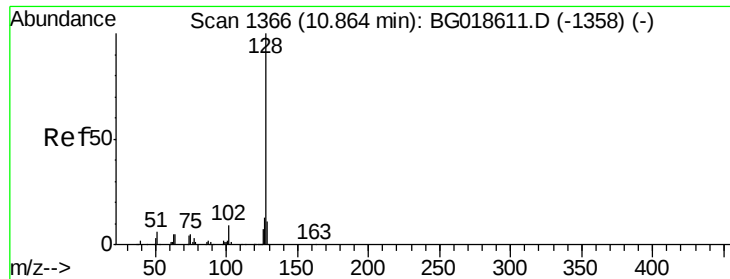
MMDadoda  
9/15/2015 1:33:57 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 38.47 ng  
RT: 10.67 min Scan# 1333  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 97.5  | 79.7       | 119.5      |
| 145     | 29.0  | 22.0       | 33.0       |





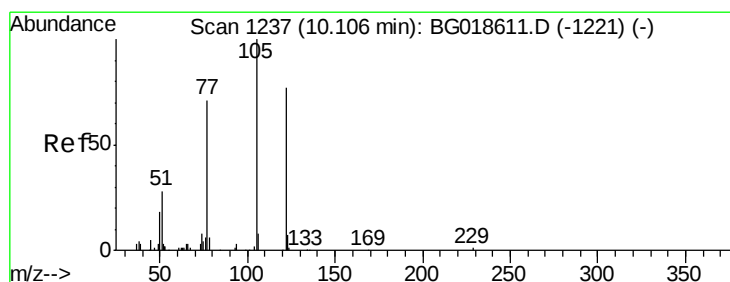
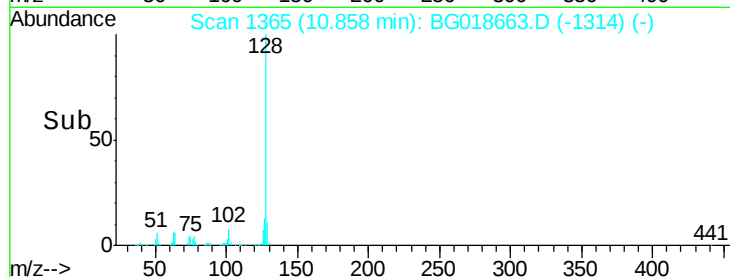
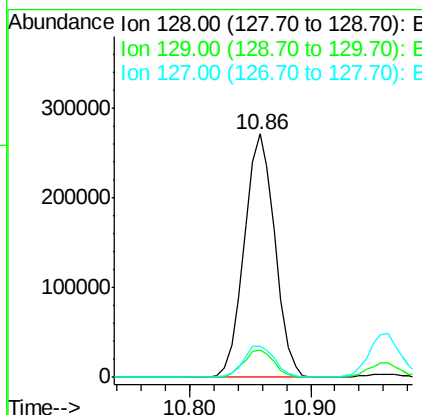
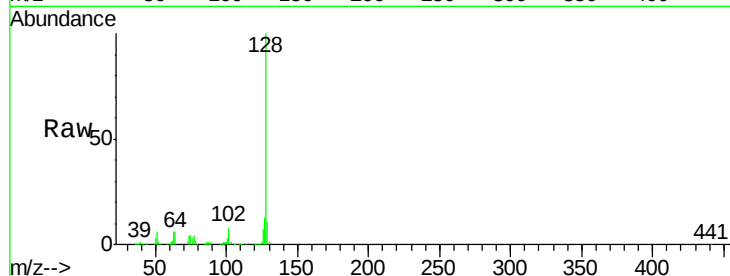
#31  
Naphthalene  
Concen: 37.96 ng  
RT: 10.86 min Scan# 1365  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 477168 |       |       |
| 129     | 11.4  | 8.5    | 12.7  |       |
| 127     | 12.9  | 10.6   | 16.0  |       |

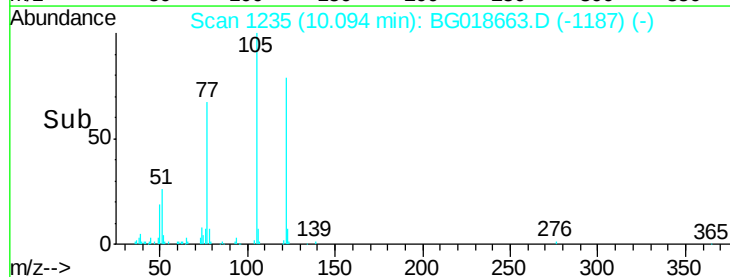
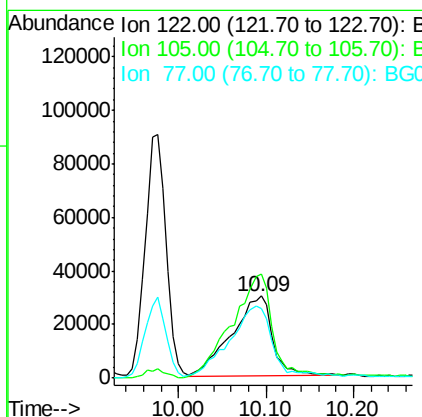
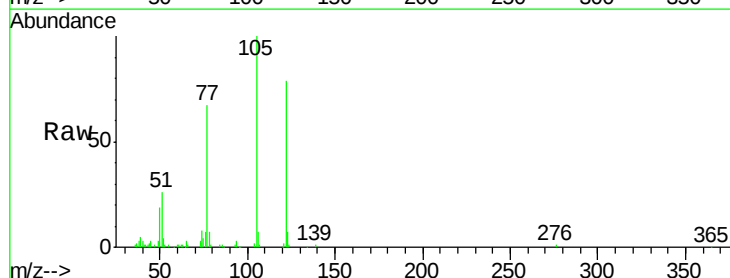
Manual Integrations  
APPROVED

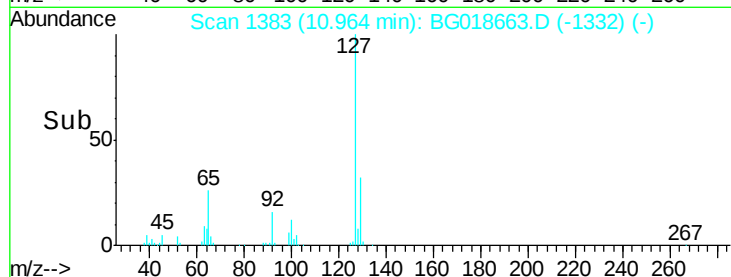
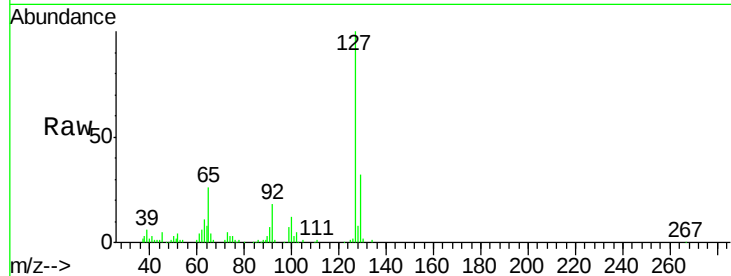
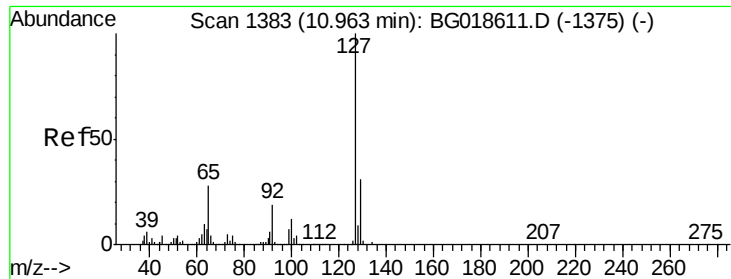
MMDadoda  
9/15/2015 1:33:57 PM



#32  
Benzoic acid  
Concen: 33.39 ng  
RT: 10.09 min Scan# 1235  
Delta R.T. -0.02 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 95555 |       |       |
| 105     | 125.9 | 103.8 | 143.8 |       |
| 77      | 84.1  | 68.8  | 108.8 |       |





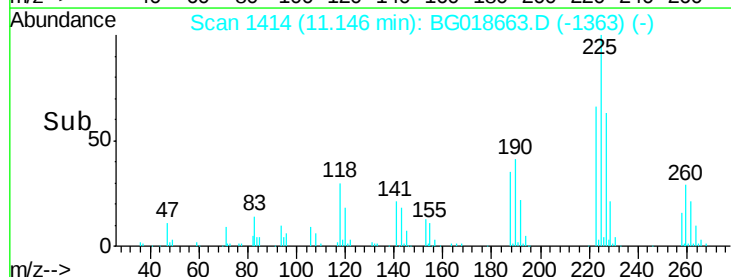
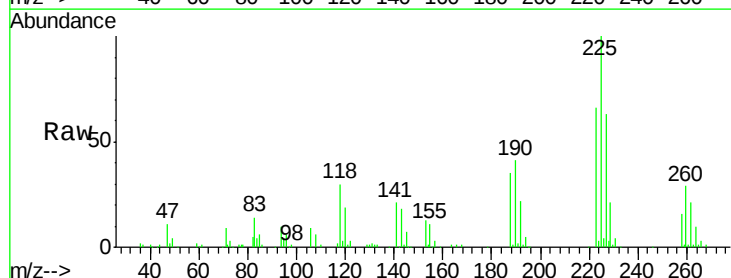
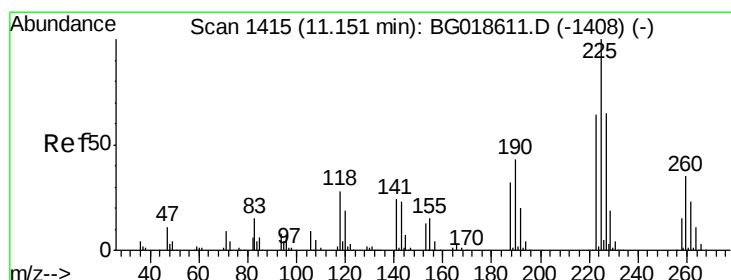
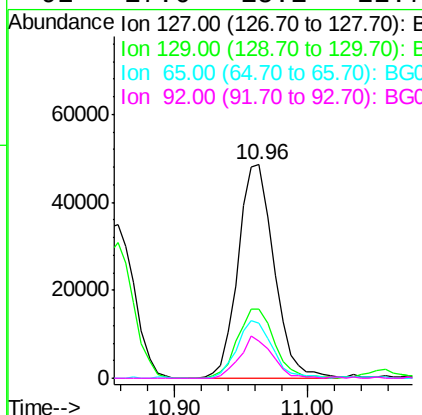
#33  
4-Chloroaniline  
Concen: 15.95 ng  
RT: 10.96 min Scan# 1383  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.3  | 24.6  | 37.0  |
| 65      | 26.0  | 22.6  | 33.8  |
| 92      | 17.6  | 15.1  | 22.7  |

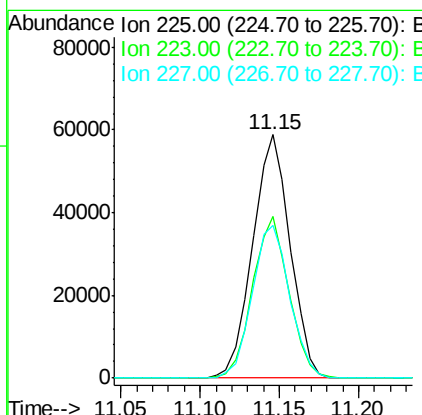
Manual Integrations  
APPROVED

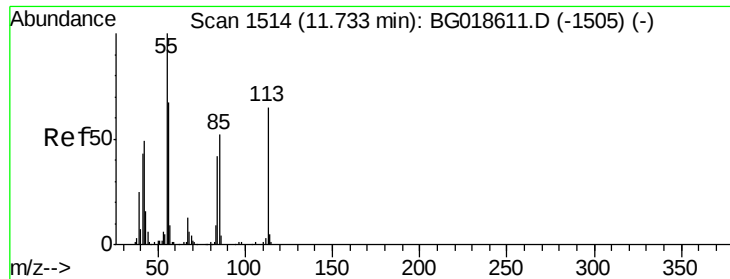
MMDadoda  
9/15/2015 1:33:57 PM



#34  
Hexachlorobutadiene  
Concen: 38.84 ng  
RT: 11.15 min Scan# 1414  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 64.0  | 51.0  | 76.4  |
| 227     | 60.6  | 51.8  | 77.8  |





#35

Caprolactam

Concen: 36.55 ng m

RT: 11.72 min Scan# 1511

Delta R.T. -0.02 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

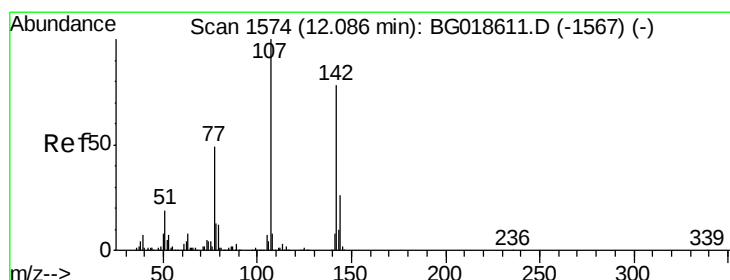
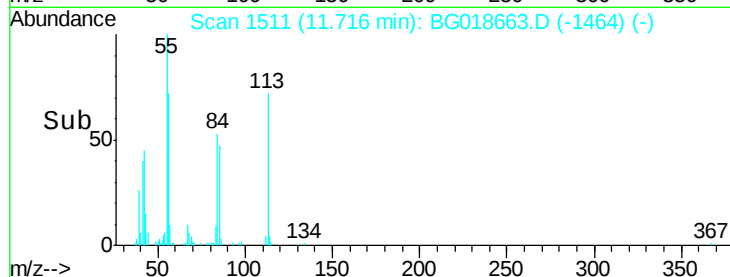
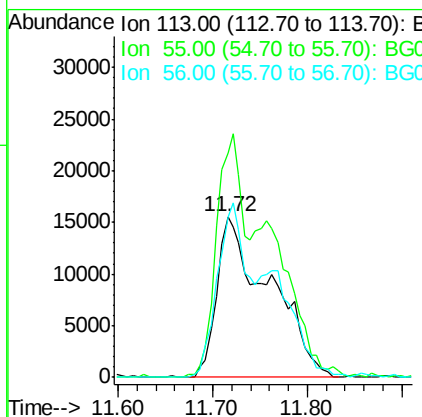
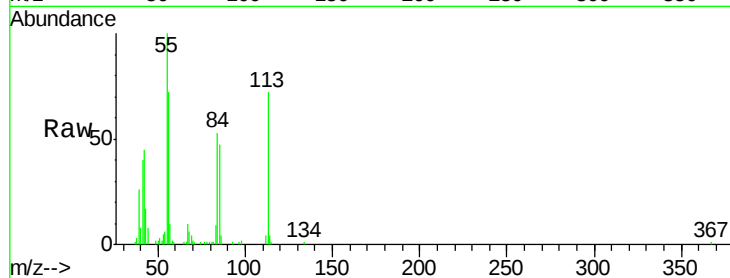
ClientSampleId :

PB85471BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 59930 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 55        | 139.1 | 135.0 | 175.0 |
| 56        | 99.9  | 83.4  | 123.4 |

Manual Integrations  
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MMDadoda  
9/15/2015 1:33:57 PM



#36

4-Chloro-3-methylphenol

Concen: 37.73 ng

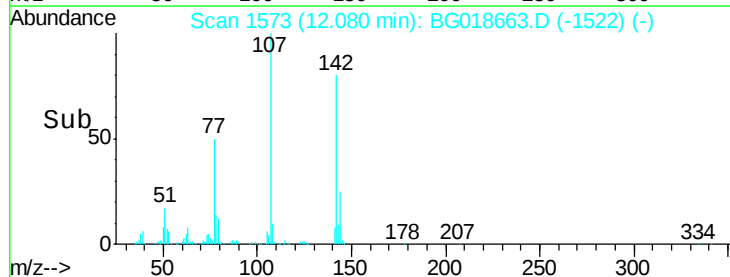
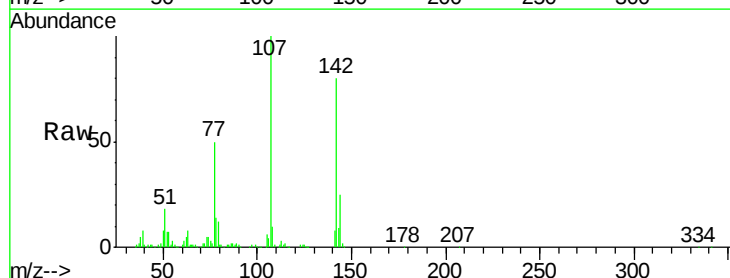
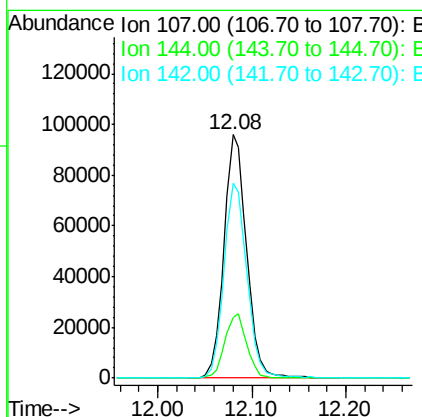
RT: 12.08 min Scan# 1573

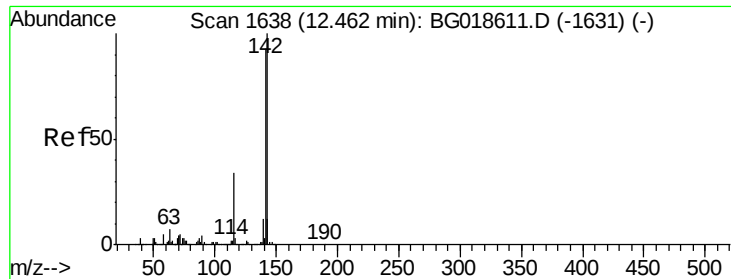
Delta R.T. 0.00 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 107   | Resp: | 160539 |
| Ion Ratio | Lower | Upper |        |
| 107       | 100   |       |        |
| 144       | 25.0  | 20.6  | 31.0   |
| 142       | 80.3  | 62.6  | 93.8   |





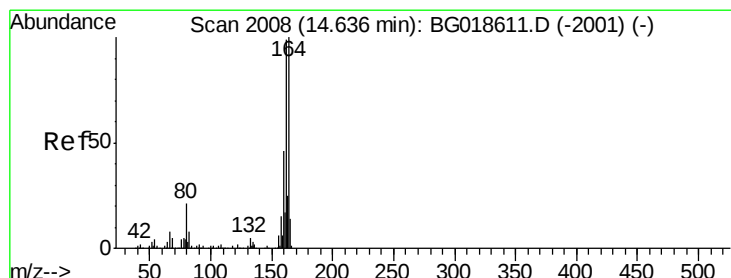
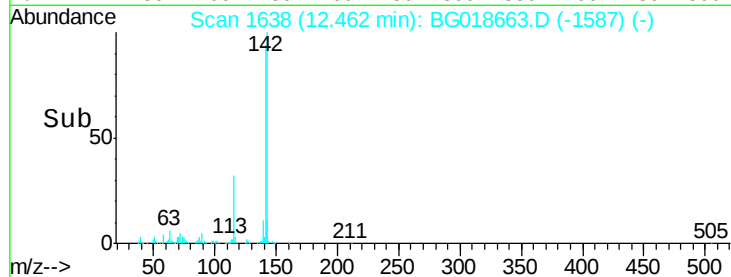
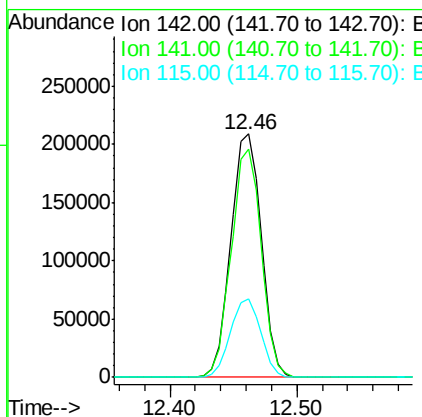
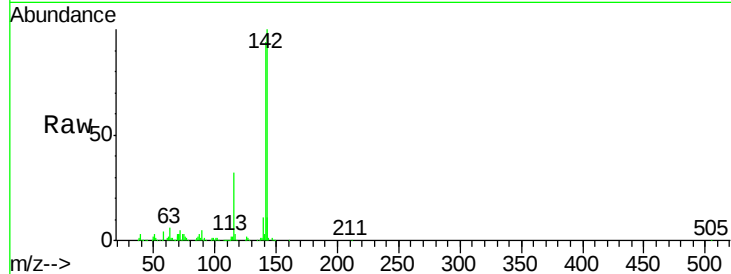
#37  
2-Methylnaphthalene  
Concen: 37.62 ng  
RT: 12.46 min Scan# 1638  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 346161 |       |       |
| 141     | 93.8  | 74.6   | 112.0 |       |
| 115     | 32.1  | 27.4   | 41.0  |       |

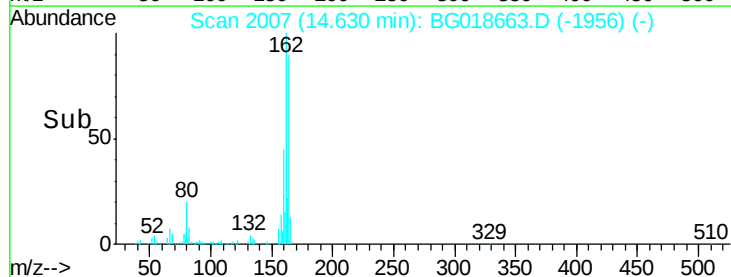
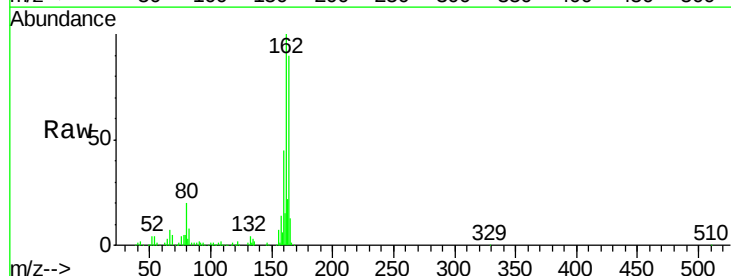
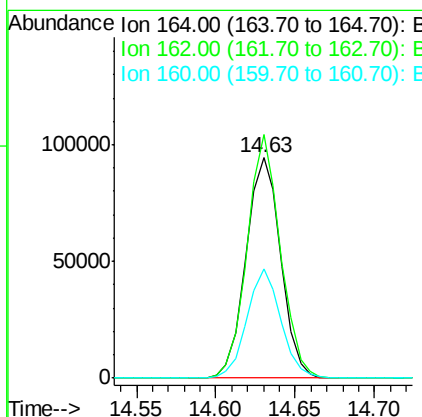
Manual Integrations  
APPROVED

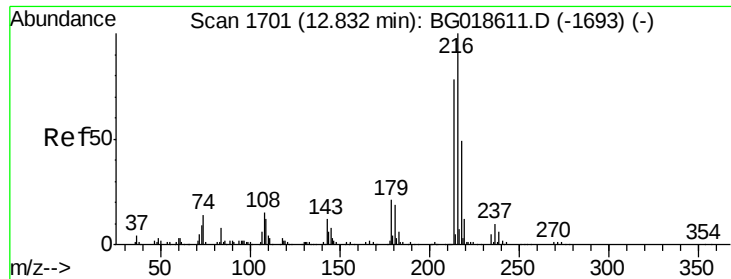
MMDadoda  
9/15/2015 1:33:57 PM



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.63 min Scan# 2007  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

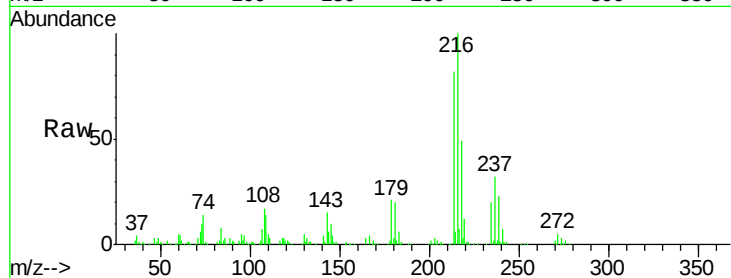
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 143429 |       |       |
| 162     | 110.6 | 78.8   | 118.2 |       |
| 160     | 49.8  | 36.4   | 54.6  |       |





#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.17 ng  
 RT: 12.83 min Scan# 1700  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

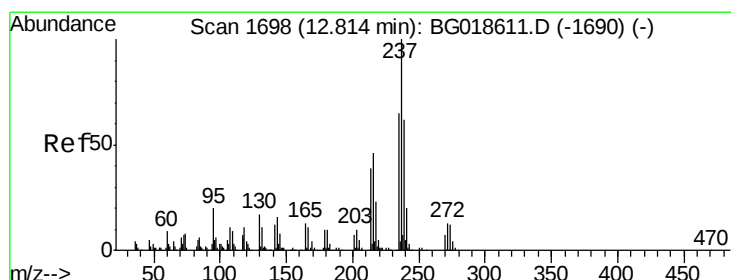
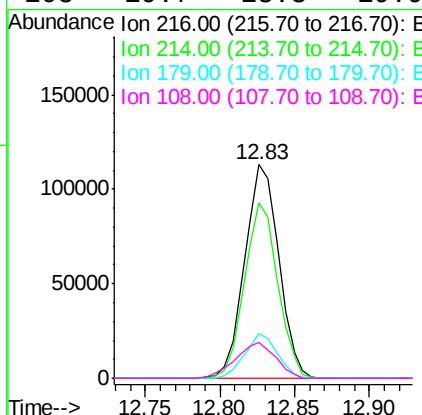
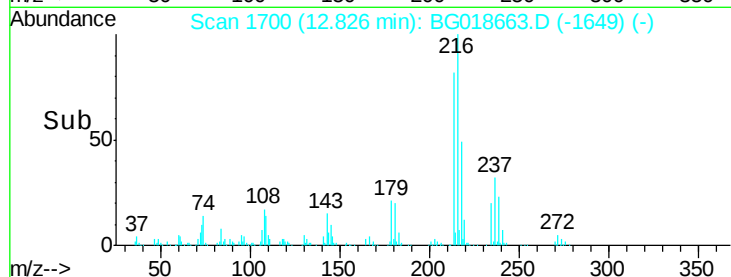
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85471BS



| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 216     | 100   |            |            |
| 214     | 79.9  | 62.5       | 93.7       |
| 179     | 20.0  | 15.6       | 23.4       |
| 108     | 19.7  | 13.3       | 19.9       |

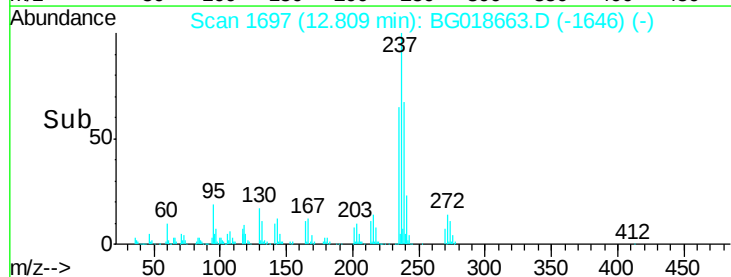
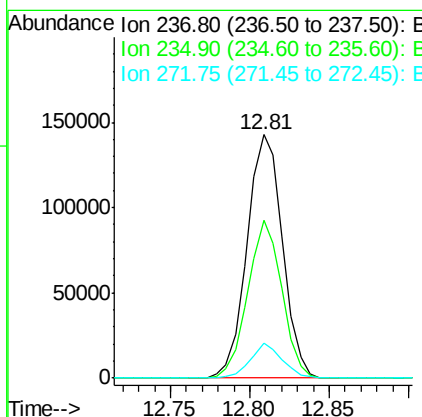
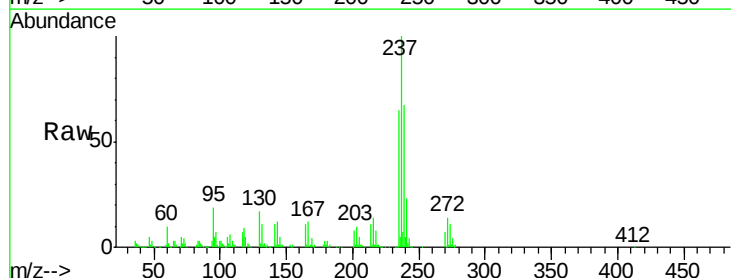
Manual Integrations  
 APPROVED

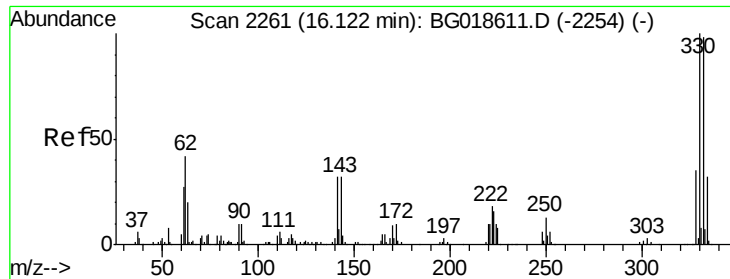
MMDadoda  
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#40  
 Hexachlorocyclopentadiene  
 Concen: 96.91 ng  
 RT: 12.81 min Scan# 1697  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 237     | 100   |            |            |
| 235     | 64.7  | 44.6       | 84.6       |
| 272     | 14.2  | 0.0        | 32.8       |





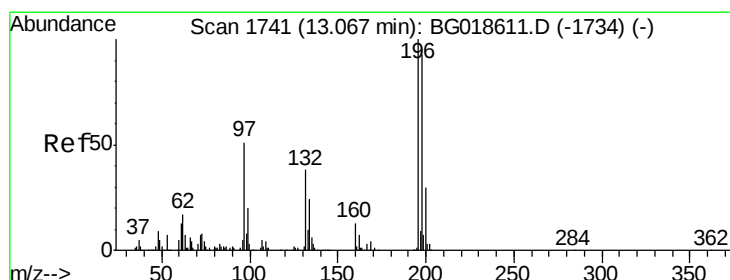
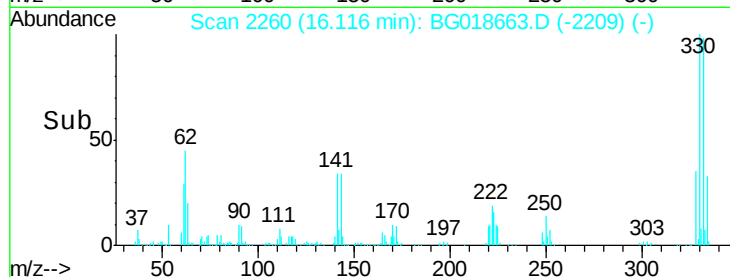
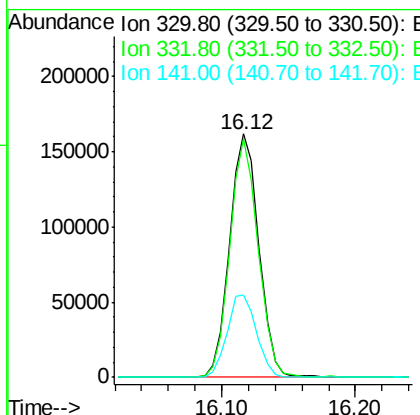
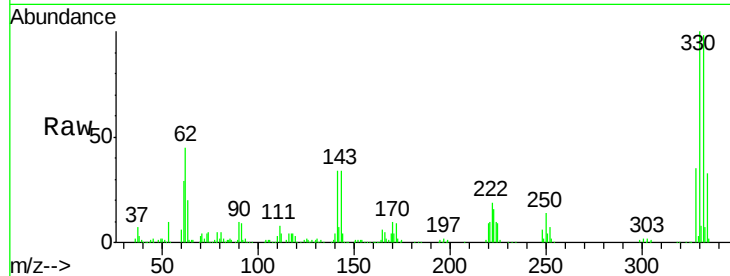
#41  
 2,4,6-Tribromophenol  
 Concen: 128.27 ng  
 RT: 16.12 min Scan# 2260  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85471BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 247729 |       |       |
| 332     | 94.8  | 78.1   | 117.1 |       |
| 141     | 34.4  | 28.2   | 42.2  |       |

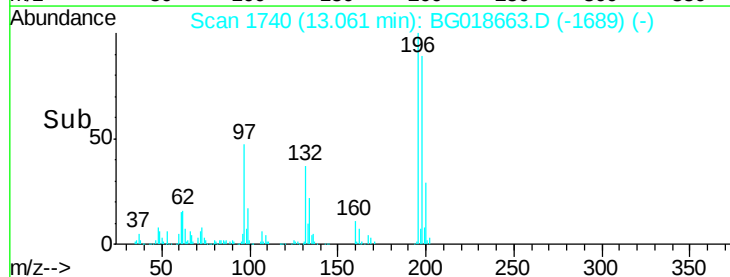
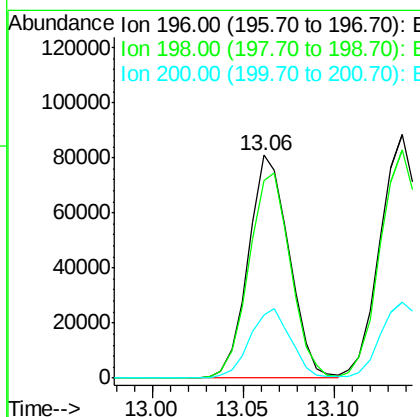
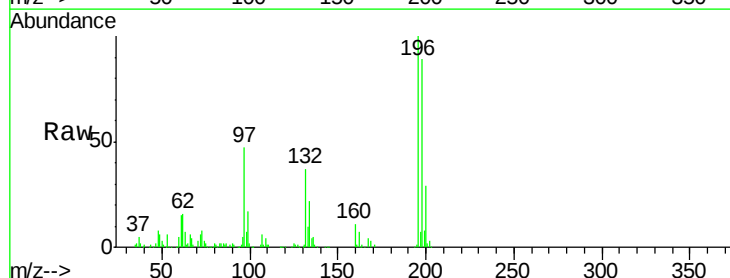
Manual Integrations  
 APPROVED

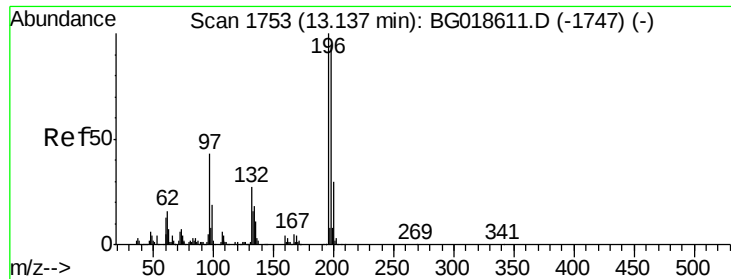
MMDadoda  
 9/15/2015 1:33:57 PM



#42  
 2,4,6-Trichlorophenol  
 Concen: 40.23 ng  
 RT: 13.06 min Scan# 1740  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

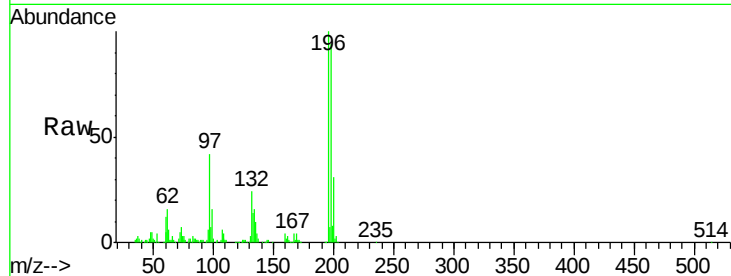
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 126730 |       |       |
| 198     | 88.9  | 74.7   | 112.1 |       |
| 200     | 28.6  | 24.1   | 36.1  |       |





#43  
 2,4,5-Trichlorophenol  
 Concen: 40.61 ng  
 RT: 13.14 min Scan# 1753  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

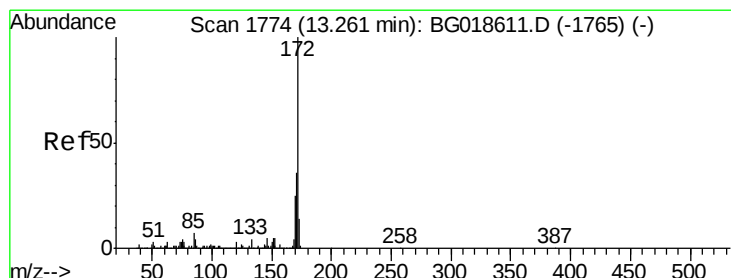
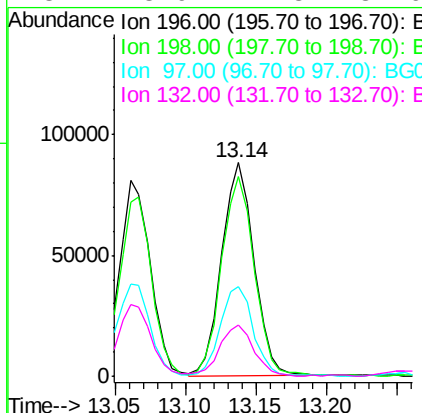
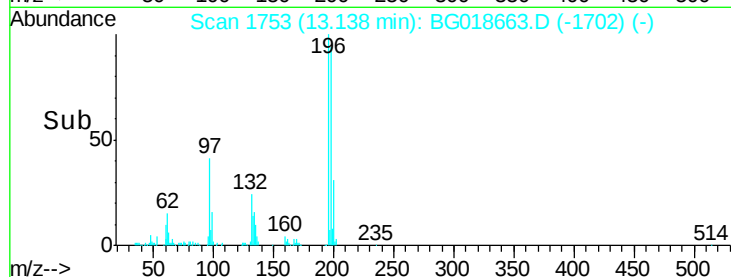
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85471BS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 140358 |       |       |
| 198     | 93.5  | 75.2   | 112.8 |       |
| 97      | 42.0  | 34.2   | 51.2  |       |
| 132     | 23.9  | 21.8   | 32.6  |       |

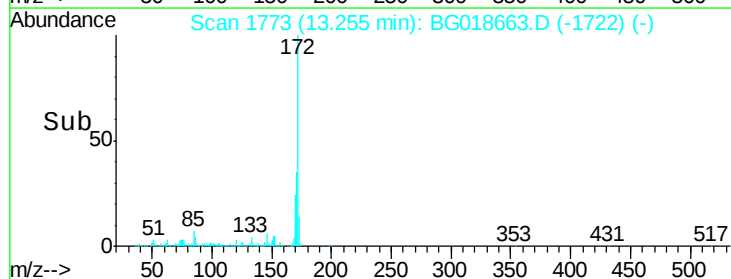
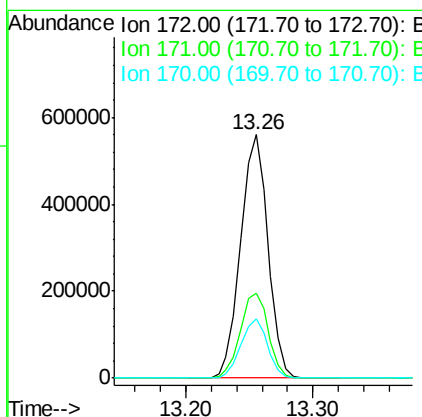
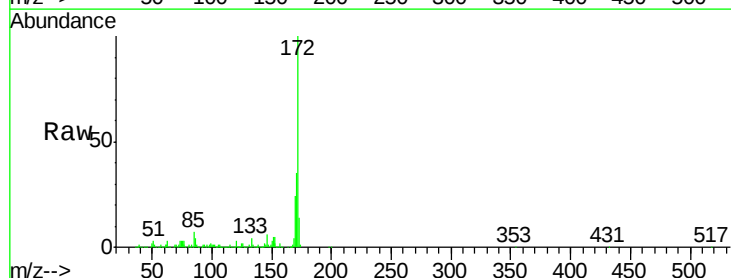
Manual Integrations  
 APPROVED

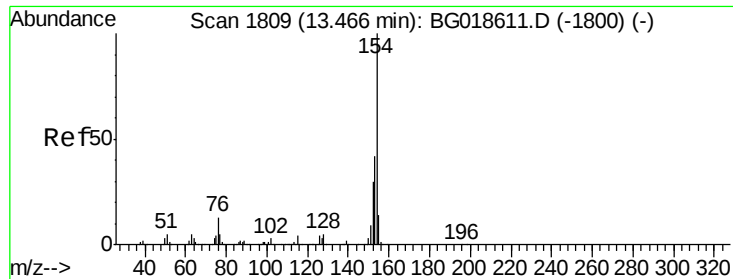
MMDadoda  
 9/15/2015 1:33:57 PM



#44  
 2-Fluorobiphenyl  
 Concen: 80.80 ng  
 RT: 13.26 min Scan# 1773  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 834791 |       |       |
| 171     | 35.1  | 29.0   | 43.6  |       |
| 170     | 24.4  | 19.9   | 29.9  |       |





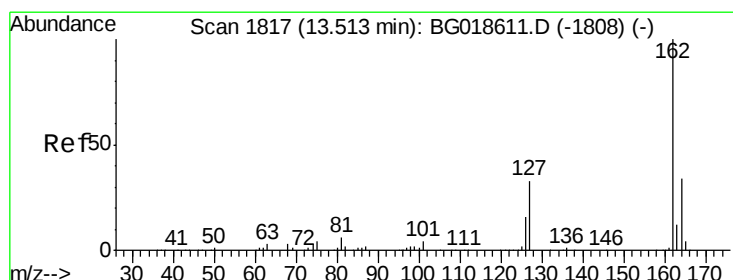
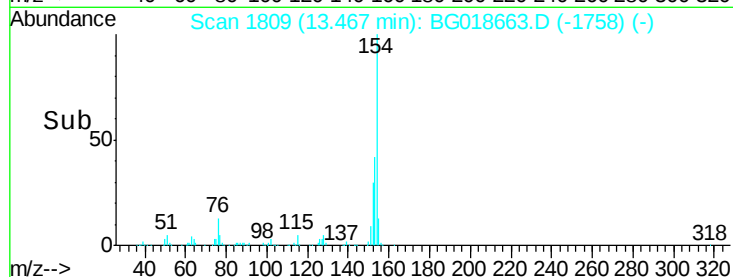
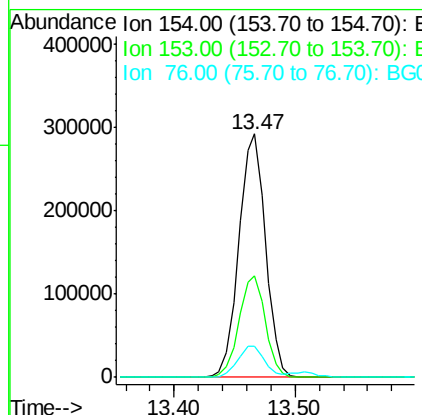
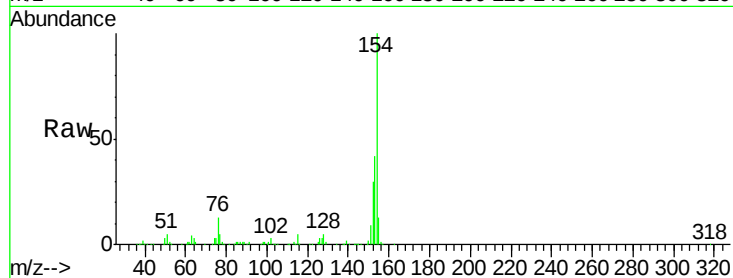
#45  
 1,1'-Biphenyl  
 Concen: 39.29 ng  
 RT: 13.47 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85471BS

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 41.6  | 21.9 | 61.9  |       |
| 76      | 12.8  | 0.0  | 33.2  |       |

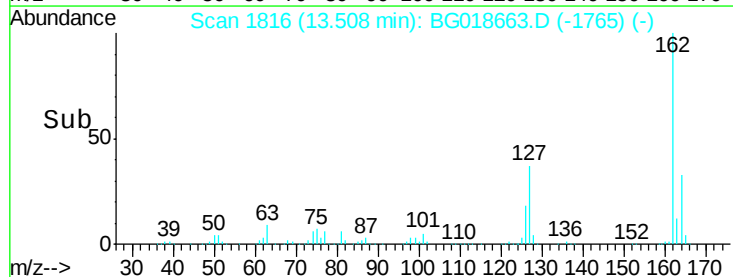
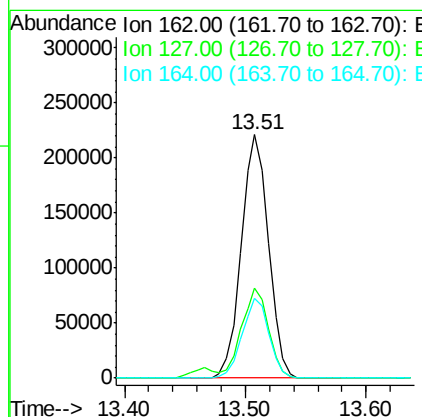
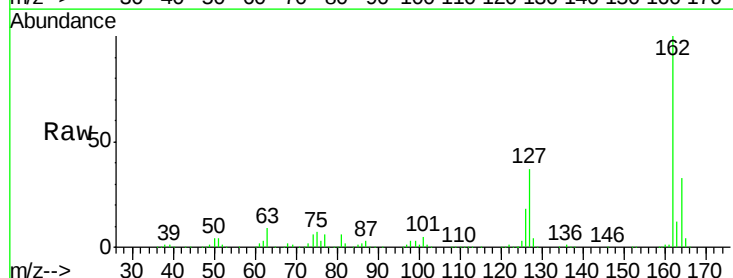
Manual Integrations  
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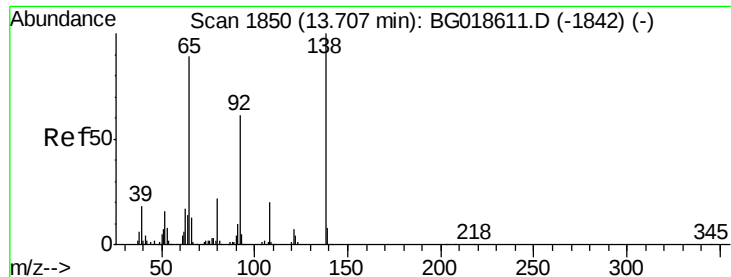
MMDadoda  
 9/15/2015 1:33:57 PM



#46  
 2-Chloronaphthalene  
 Concen: 39.42 ng  
 RT: 13.51 min Scan# 1816  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 37.2  | 28.3 | 42.5  |       |
| 164     | 33.0  | 27.4 | 41.0  |       |





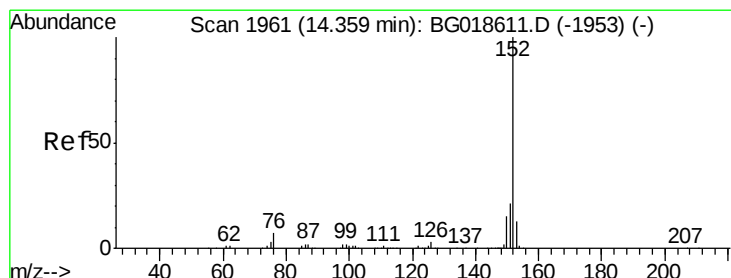
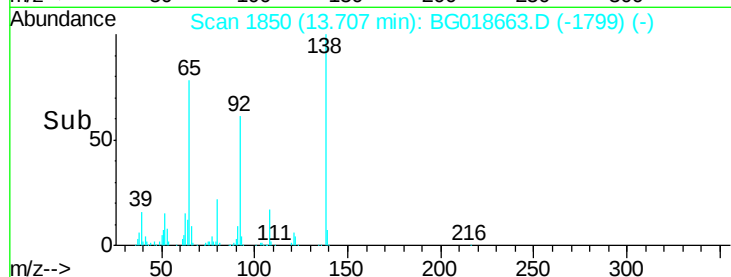
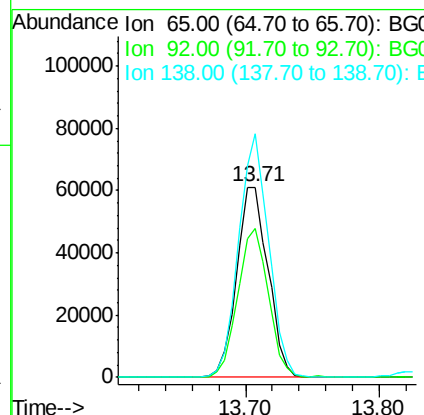
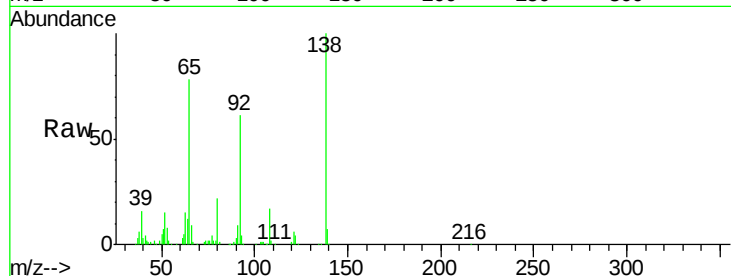
#47  
2-Nitroaniline  
Concen: 37.83 ng  
RT: 13.71 min Scan# 1850  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 78.4  | 54.8  | 82.2  |
| 138     | 128.0 | 89.6  | 134.4 |

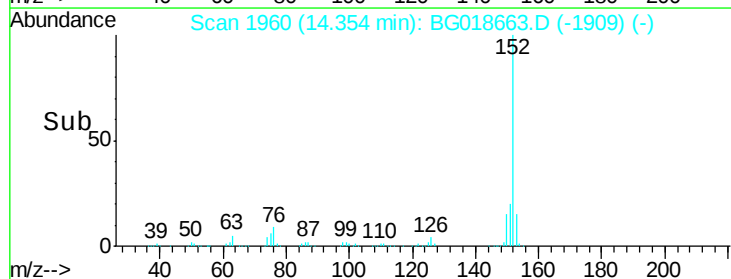
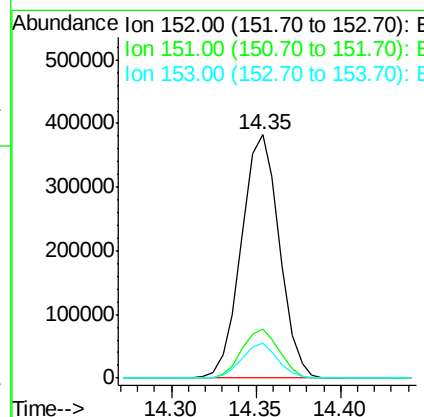
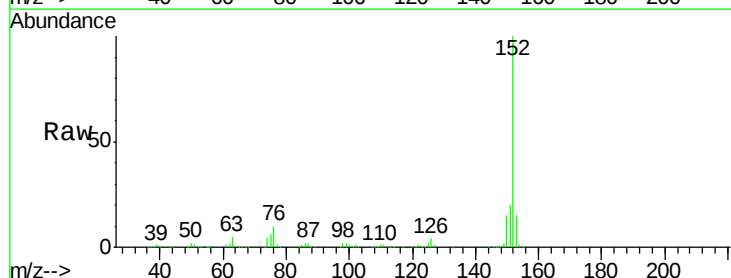
Manual Integrations  
APPROVED

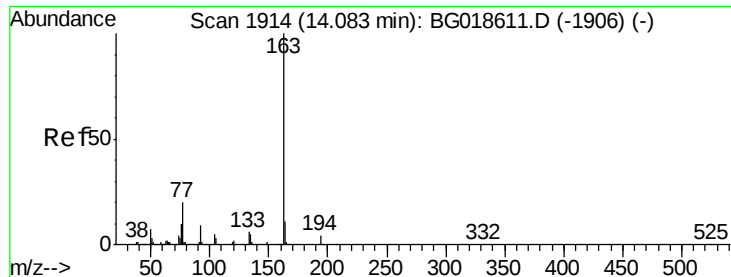
MMDadoda  
9/15/2015 1:33:57 PM



#48  
Acenaphthylene  
Concen: 38.49 ng  
RT: 14.35 min Scan# 1960  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.2  | 17.0  | 25.4  |
| 153     | 14.6  | 10.4  | 15.6  |





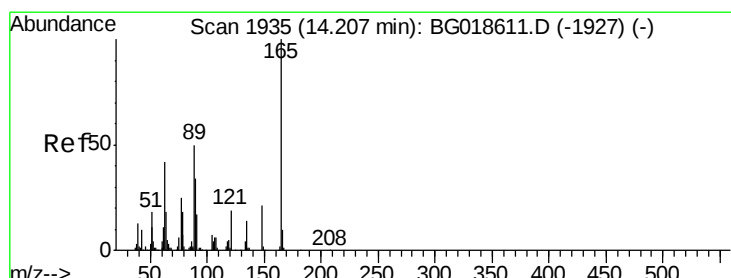
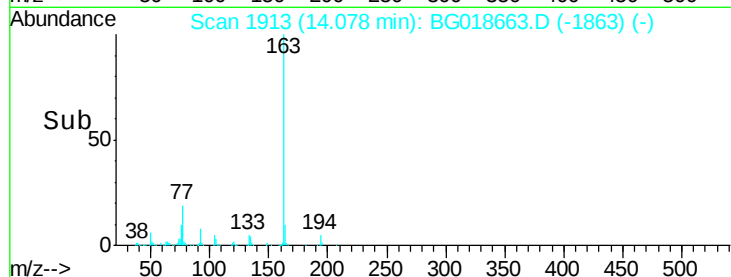
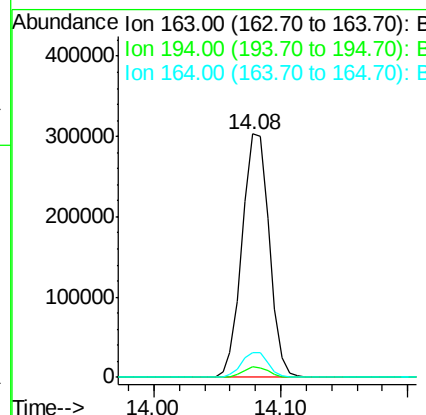
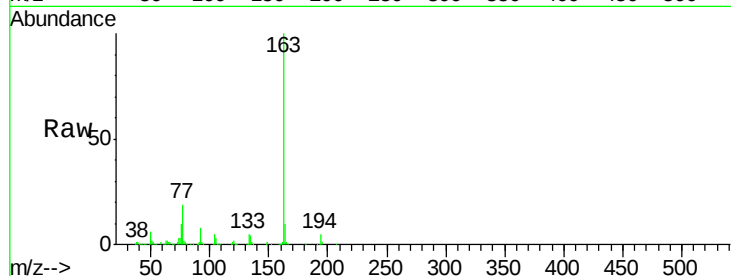
#49  
Dimethylphthalate  
Concen: 37.71 ng  
RT: 14.08 min Scan# 1913  
Delta R.T. -0.01 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 447854 |       |       |
| 194     | 4.5   | 3.1    | 4.7   |       |
| 164     | 9.9   | 8.8    | 13.2  |       |

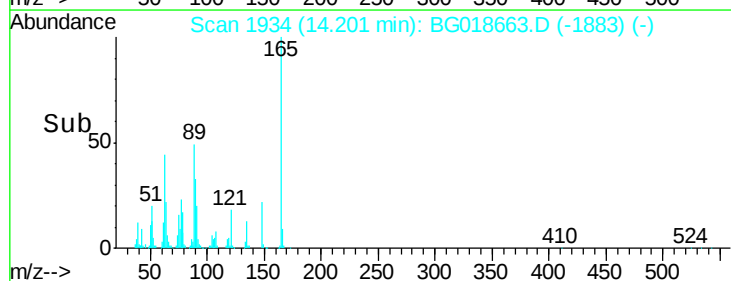
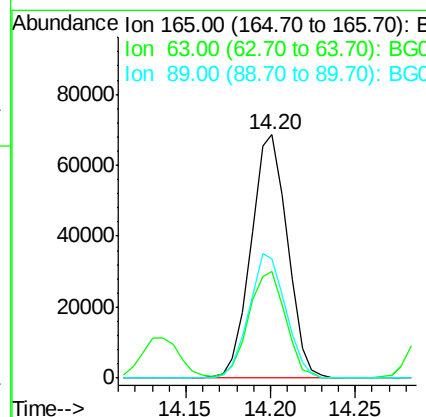
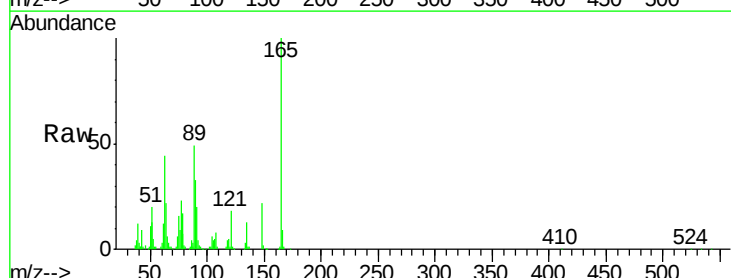
Manual Integrations  
APPROVED

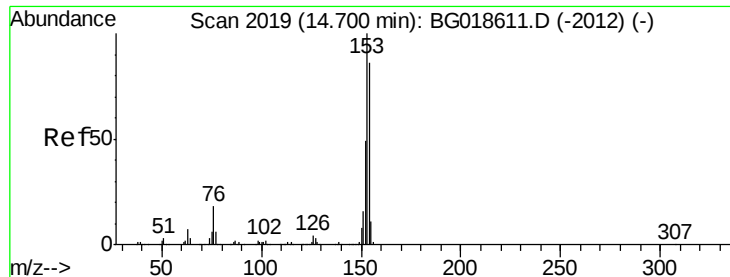
MMDadoda  
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#50  
2,6-Dinitrotoluene  
Concen: 39.92 ng  
RT: 14.20 min Scan# 1934  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 103018 |       |       |
| 63      | 43.9  | 35.7   | 53.5  |       |
| 89      | 49.2  | 39.7   | 59.5  |       |





#51

Acenaphthene

Concen: 39.20 ng

RT: 14.69 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

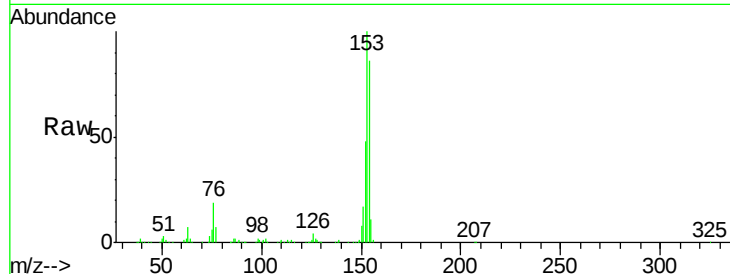
ClientSampleId :

PB85471BS

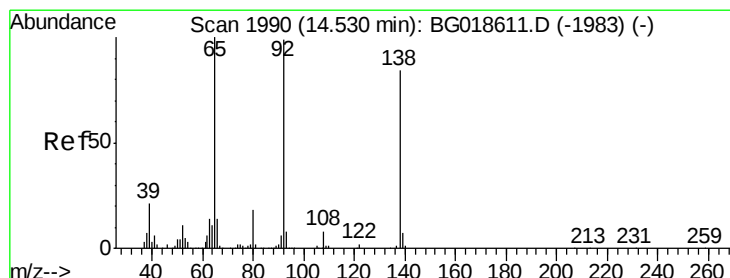
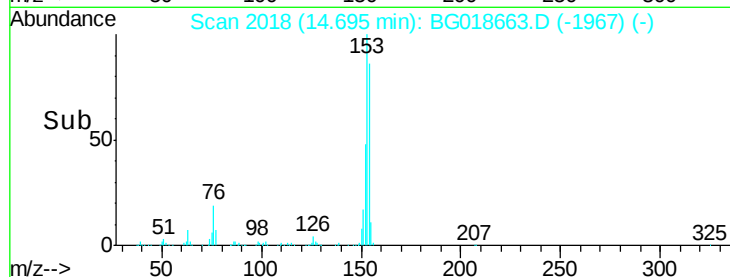
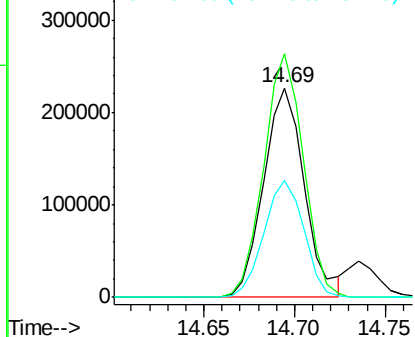
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 354250 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 116.4 | 92.9  | 139.3  |
| 152       | 55.9  | 45.8  | 68.8   |

Manual Integrations  
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9/15/2015 1:33:57 PM



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: 26.60 ng

RT: 14.53 min Scan# 1990

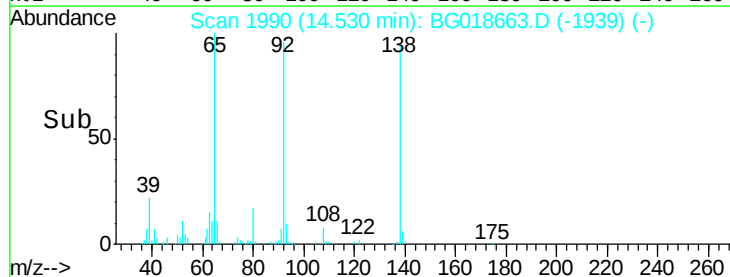
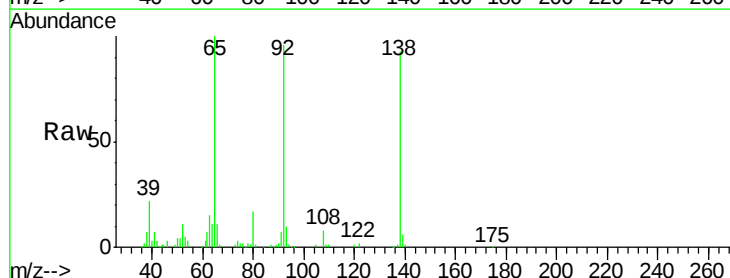
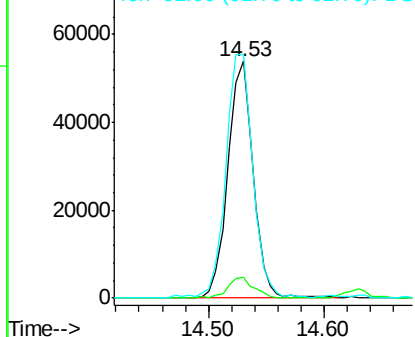
Delta R.T. 0.00 min

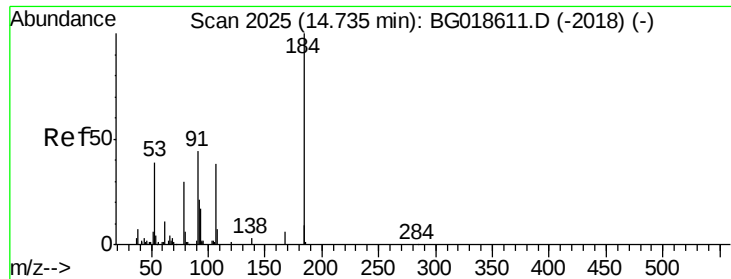
Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 82007 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 9.1   | 7.9   | 11.9  |
| 92        | 102.6 | 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





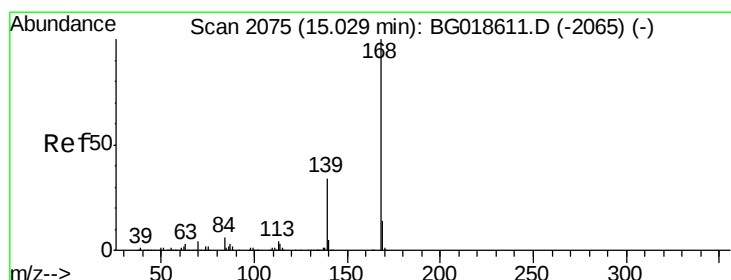
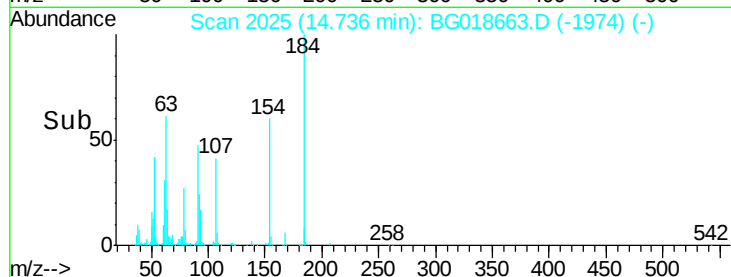
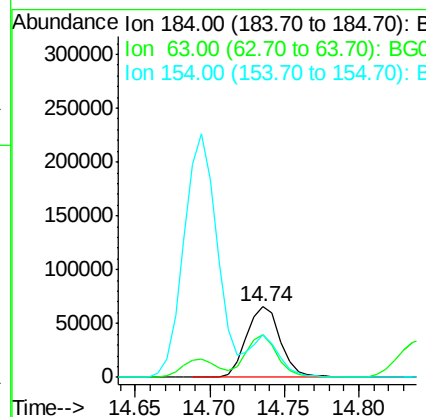
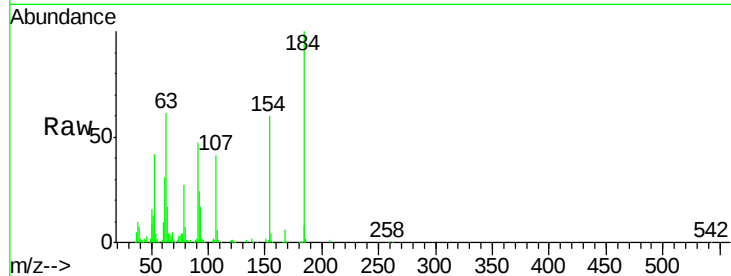
#53  
2,4-Dinitrophenol  
Concen: 79.28 ng  
RT: 14.74 min Scan# 2025  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 184     | 100   | 103430 |       |       |
| 63      | 61.1  | 42.7   | 64.1  |       |
| 154     | 59.6  | 44.3   | 66.5  |       |

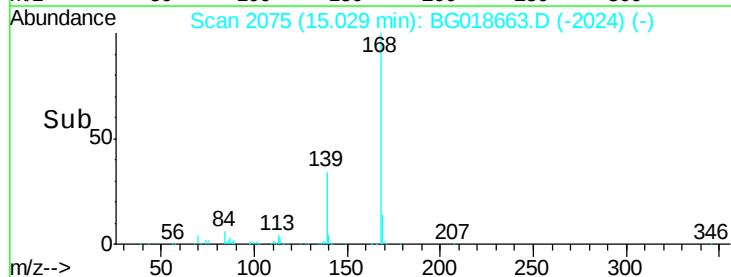
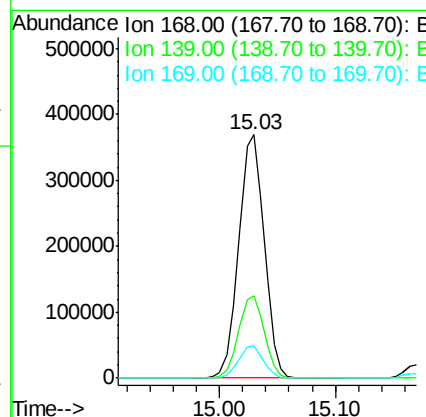
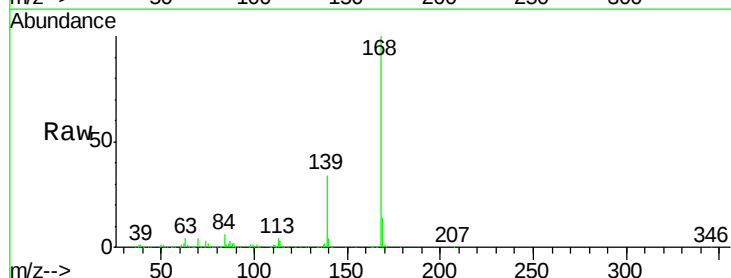
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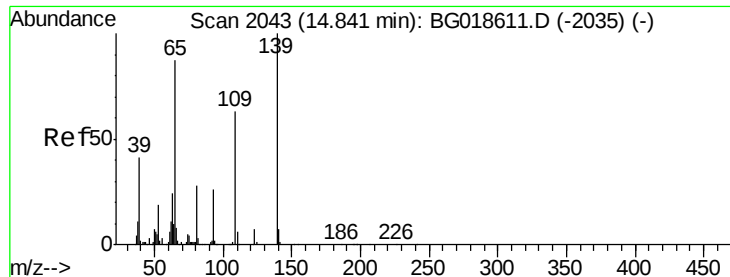
MMDadoda  
9/15/2015 1:33:57 PM



#54  
Dibenzofuran  
Concen: 40.15 ng  
RT: 15.03 min Scan# 2075  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 563879 |       |       |
| 139     | 33.9  | 27.4   | 41.0  |       |
| 169     | 13.6  | 11.0   | 16.4  |       |





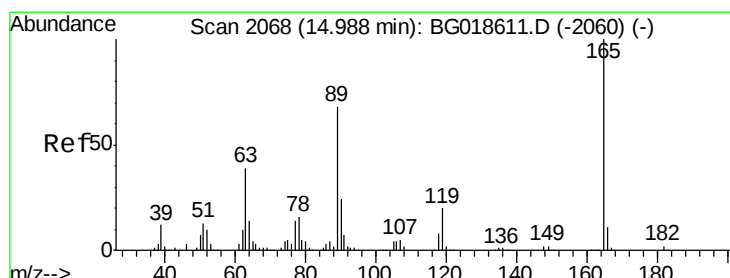
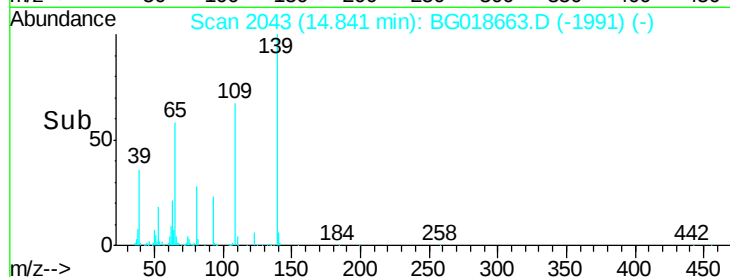
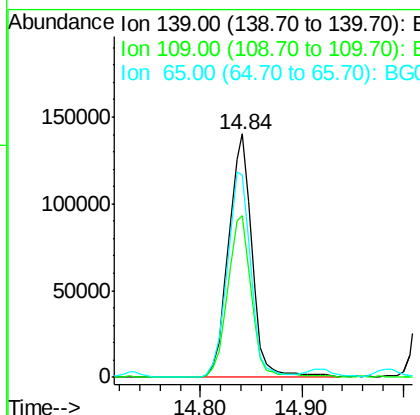
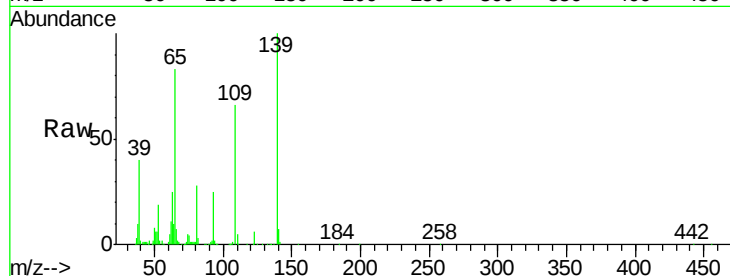
#55  
4-Nitrophenol  
Concen: 94.87 ng  
RT: 14.84 min Scan# 2043  
Delta R.T. 0.01 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 225853 |       |       |
| 109     | 66.3  | 43.2   | 83.2  |       |
| 65      | 83.4  | 67.8   | 107.8 |       |

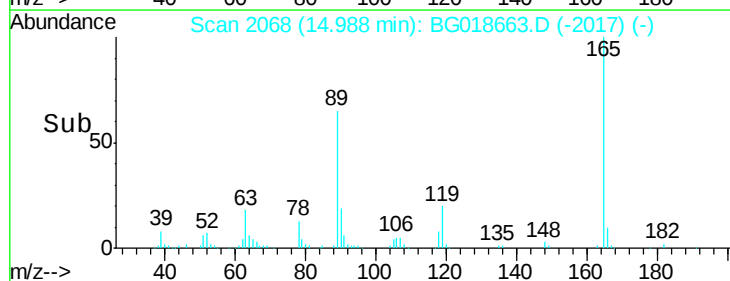
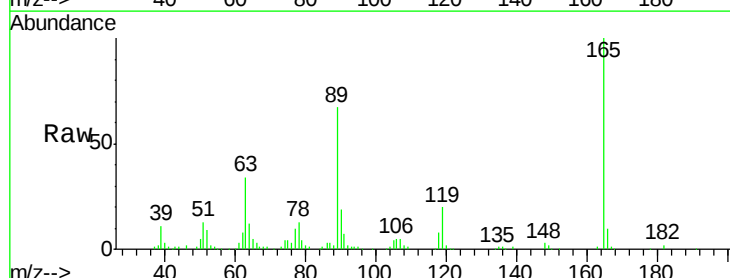
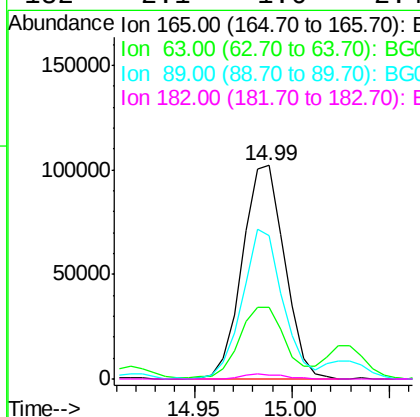
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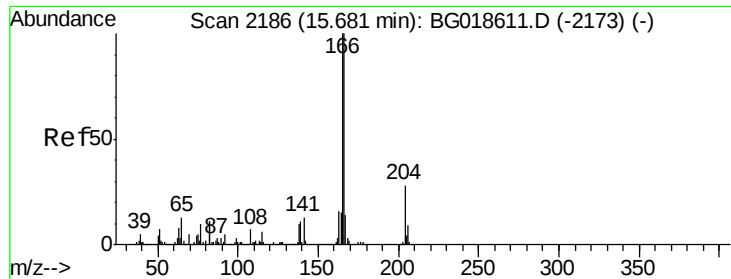
MMDadoda  
9/15/2015 1:33:57 PM



#56  
2,4-Dinitrotoluene  
Concen: 41.78 ng  
RT: 14.99 min Scan# 2068  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 152904 |       |       |
| 63      | 33.8  | 31.0   | 46.4  |       |
| 89      | 67.1  | 54.4   | 81.6  |       |
| 182     | 2.1   | 1.6    | 2.4   |       |





#57

Fluorene

Concen: 38.73 ng

RT: 15.68 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BG018663.D

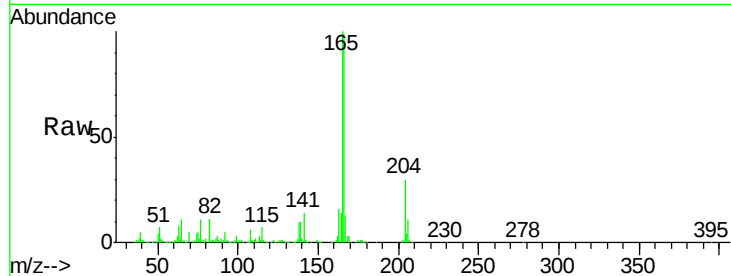
Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

ClientSampleId :

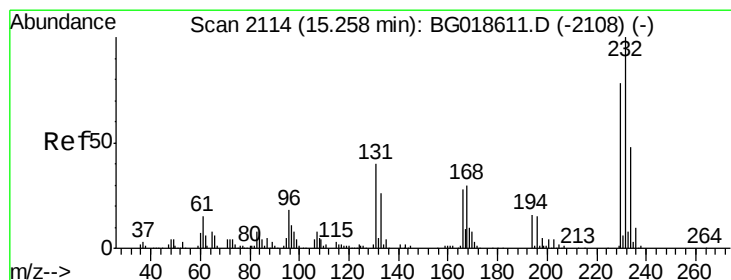
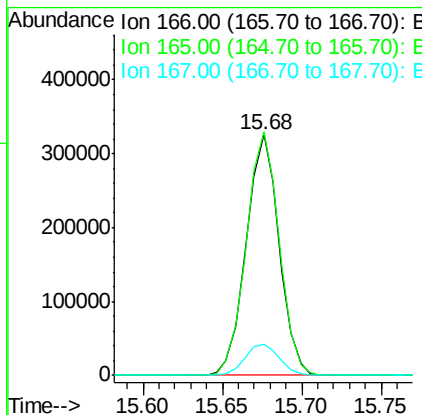
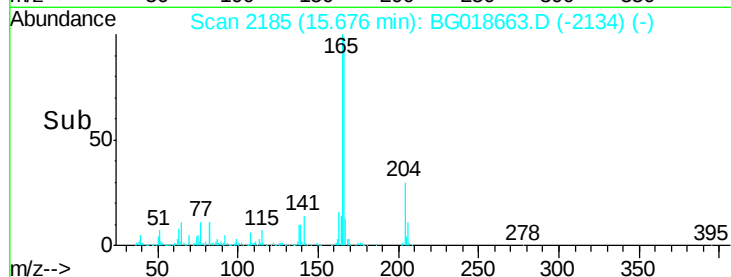
PB85471BS



| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 166     | 100   |      |       |       |
| 165     | 101.1 | 80.0 | 120.0 |       |
| 167     | 13.1  | 11.1 | 16.7  |       |

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9/15/2015 1:33:57 PM



#58

2,3,4,6-Tetrachlorophenol

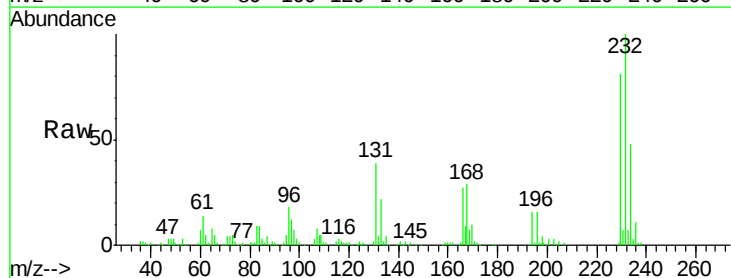
Concen: 41.30 ng

RT: 15.25 min Scan# 2113

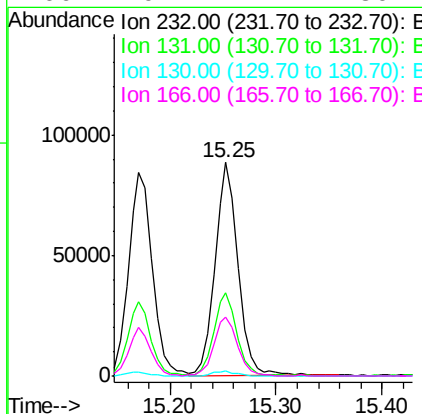
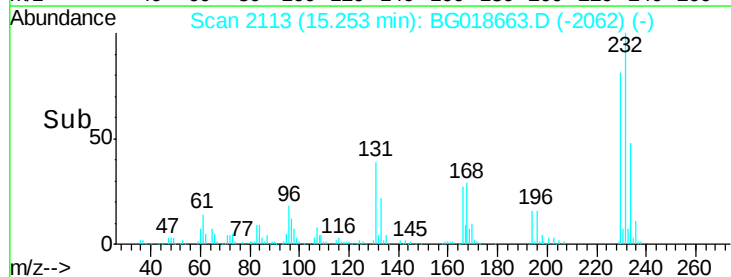
Delta R.T. 0.00 min

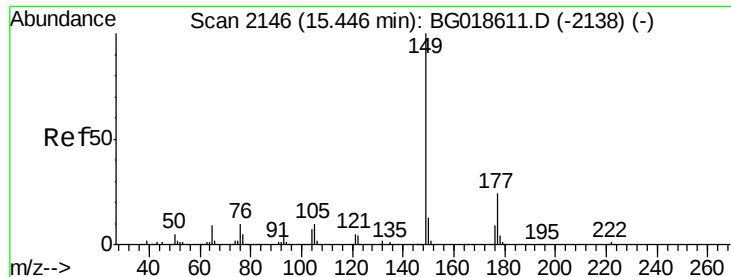
Lab File: BG018663.D

Acq: 14 Sep 2015 15:49



| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 232     | 100   |      |       |       |
| 131     | 39.2  | 33.0 | 49.6  |       |
| 130     | 2.2   | 2.0  | 3.0   |       |
| 166     | 29.1  | 24.1 | 36.1  |       |





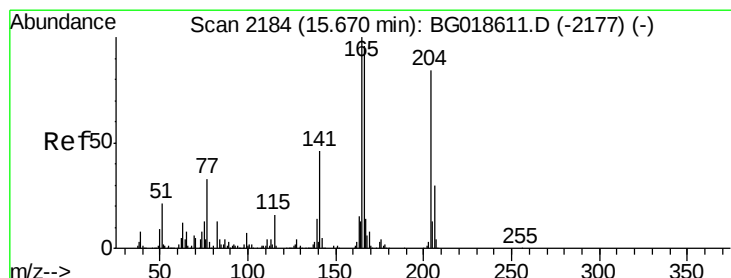
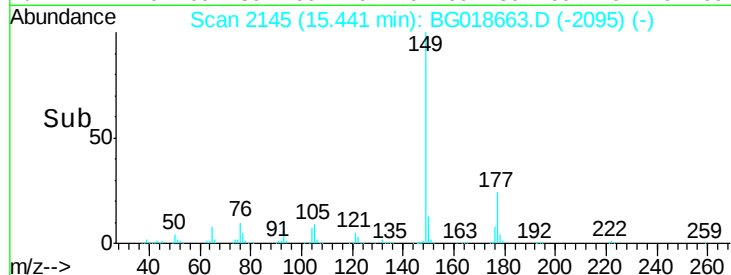
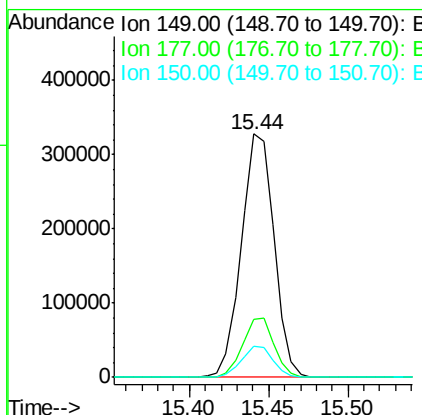
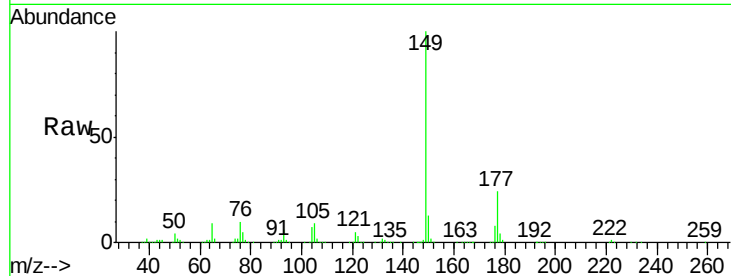
#59  
Diethylphthalate  
Concen: 37.84 ng  
RT: 15.44 min Scan# 2145  
Delta R.T. -0.01 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 468760 |       |       |
| 177     | 23.8  | 19.6   | 29.4  |       |
| 150     | 12.7  | 10.2   | 15.2  |       |

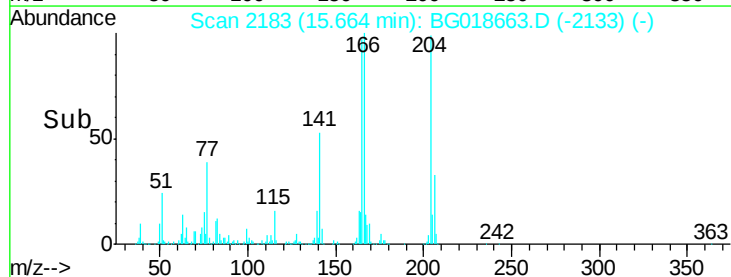
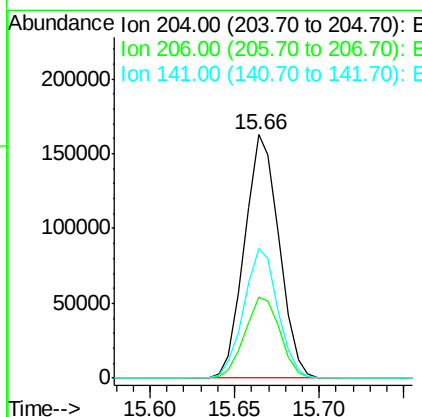
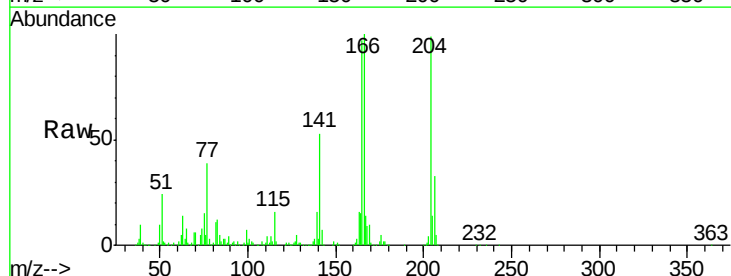
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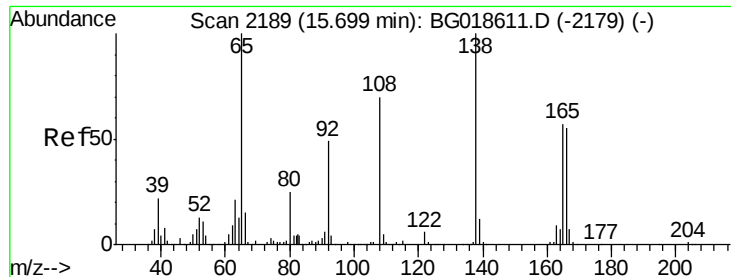
MMDadoda  
9/15/2015 1:33:57 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 39.75 ng  
RT: 15.66 min Scan# 2183  
Delta R.T. -0.01 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 230928 |       |       |
| 206     | 33.2  | 28.3   | 42.5  |       |
| 141     | 53.1  | 44.0   | 66.0  |       |





#61

4-Nitroaniline

Concen: 41.44 ng

RT: 15.69 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BG018663.D

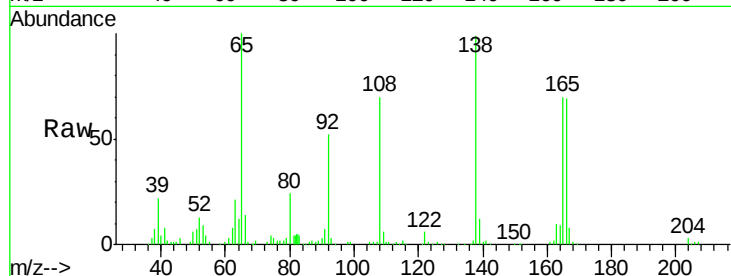
Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

ClientSampleId :

PB85471BS



Tgt Ion: 138 Resp: 137764

Ion Ratio Lower Upper

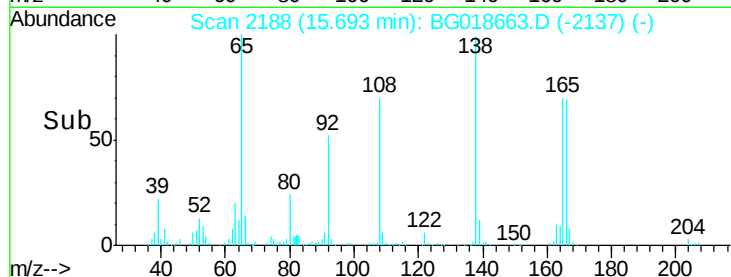
138 100

92 52.3 29.1 69.1

108 70.8 49.8 89.8

Manual Integrations  
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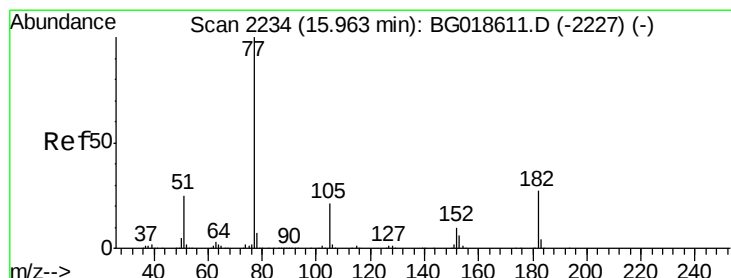
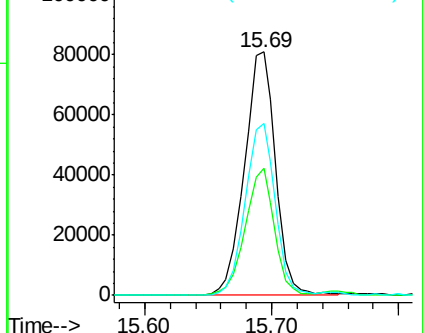
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.56 ng

RT: 15.96 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

Tgt Ion: 77 Resp: 433079

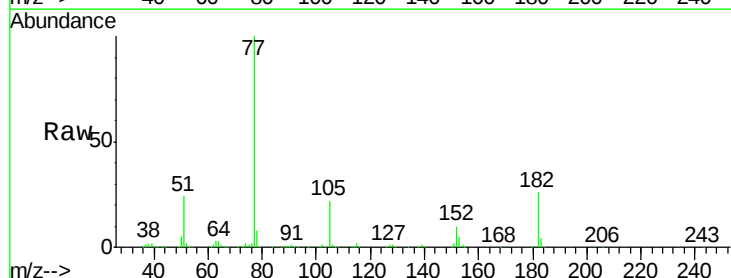
Ion Ratio Lower Upper

77 100

182 26.4 7.0 47.0

105 22.4 1.4 41.4

51 23.8 4.9 44.9

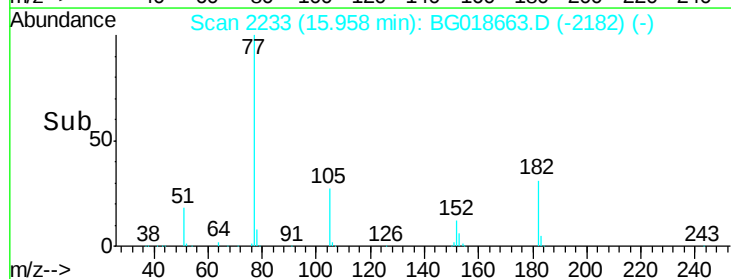
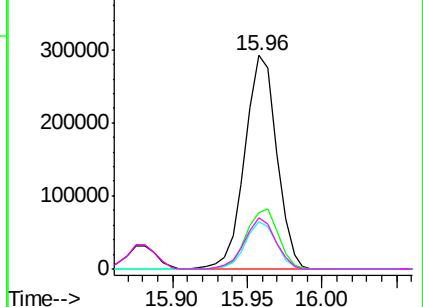


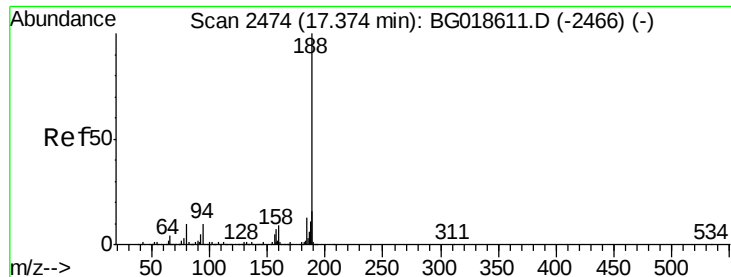
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





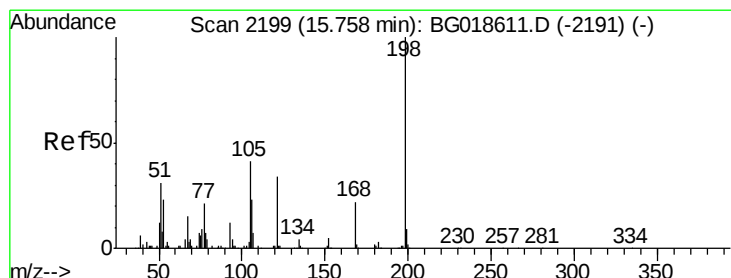
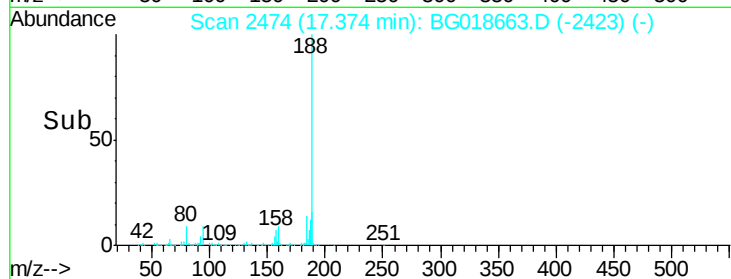
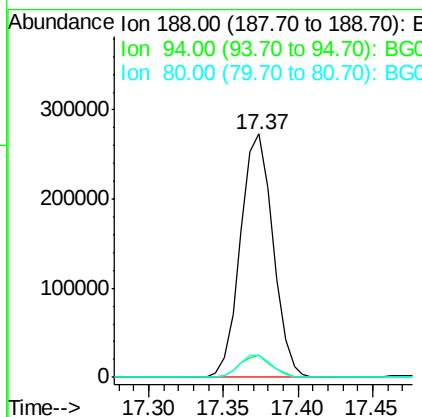
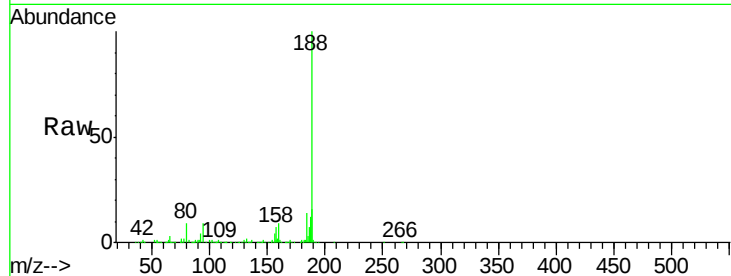
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.37 min Scan# 2474  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 413433 |       |       |
| 94      | 9.1   | 7.7    | 11.5  |       |
| 80      | 9.2   | 7.8    | 11.8  |       |

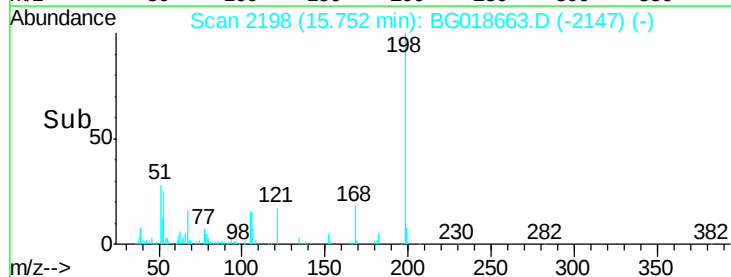
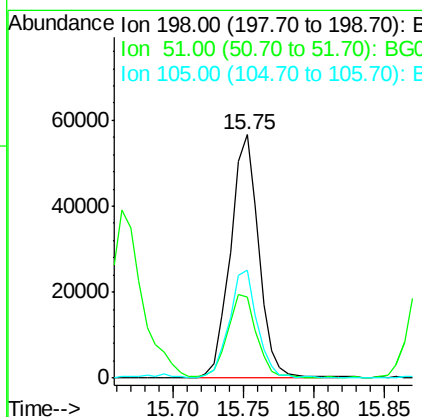
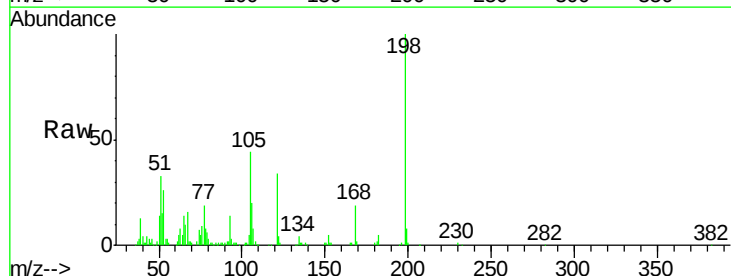
Manual Integrations  
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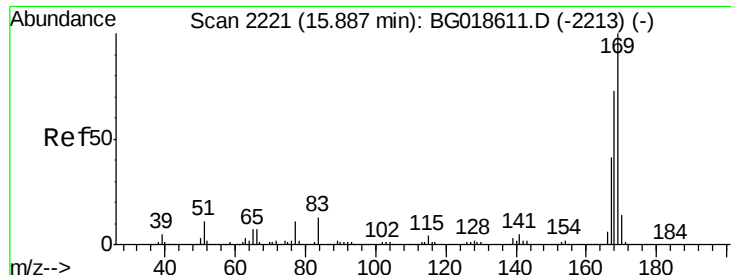
MMDadoda  
9/15/2015 1:33:57 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 36.88 ng  
RT: 15.75 min Scan# 2198  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 79021 |       |       |
| 51      | 33.2  | 14.2  | 54.2  |       |
| 105     | 44.3  | 21.1  | 61.1  |       |





#65

n-Nitrosodiphenylamine

Concen: 34.46 ng

RT: 15.88 min Scan# 2220

Delta R.T. 0.00 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

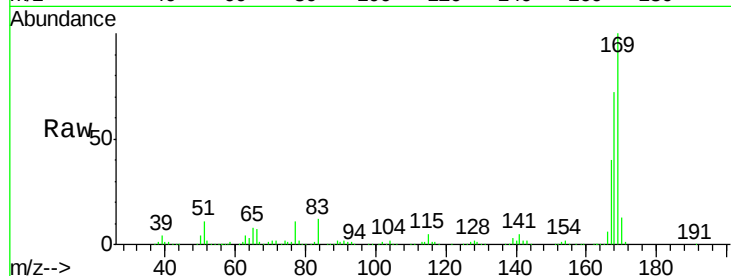
ClientSampleId :

PB85471BS

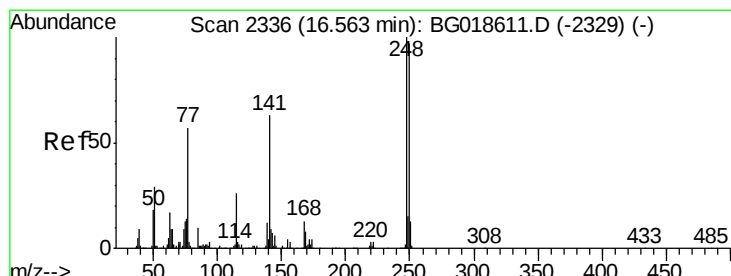
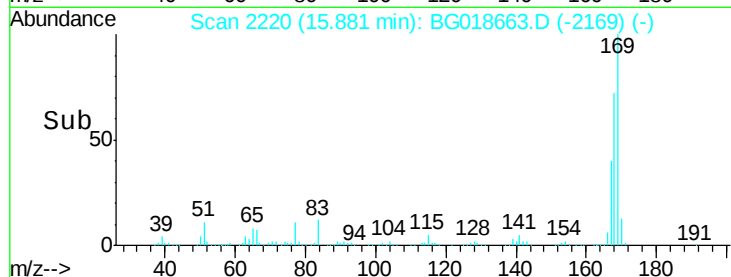
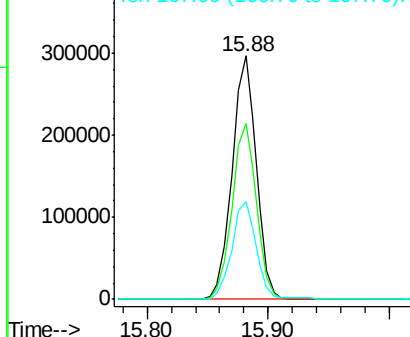
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 412671 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 72.1  | 58.2  | 87.2   |
| 167       | 40.0  | 32.7  | 49.1   |

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9/15/2015 1:33:57 PM



Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.11 ng

RT: 16.56 min Scan# 2336

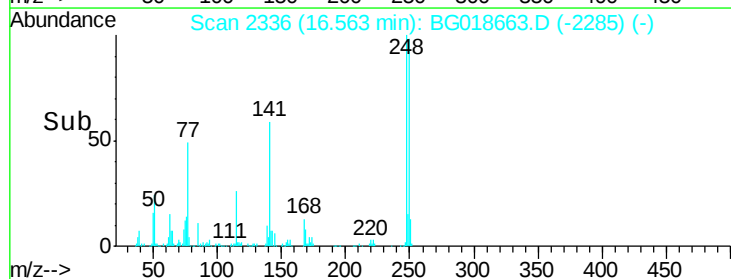
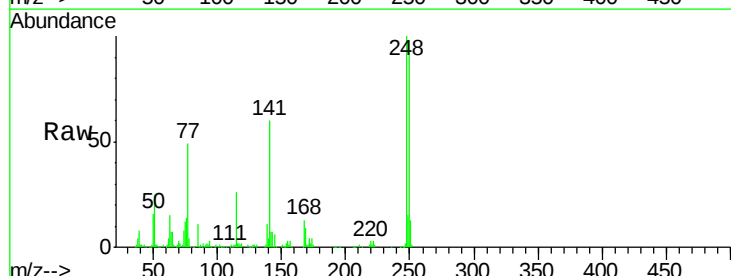
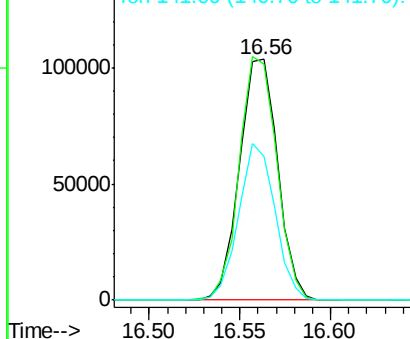
Delta R.T. 0.00 min

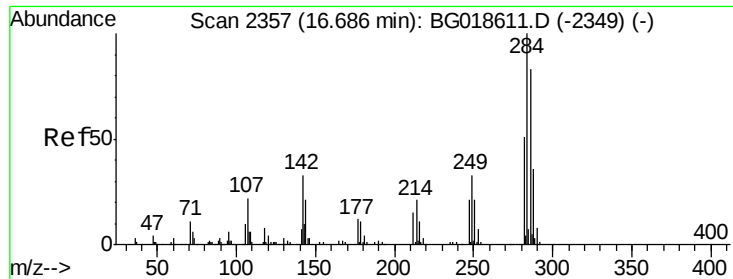
Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 151832 |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 97.9  | 77.8  | 116.8  |
| 141       | 59.7  | 50.4  | 75.6   |

Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 37.91 ng

RT: 16.68 min Scan# 2356

Delta R.T. 0.00 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

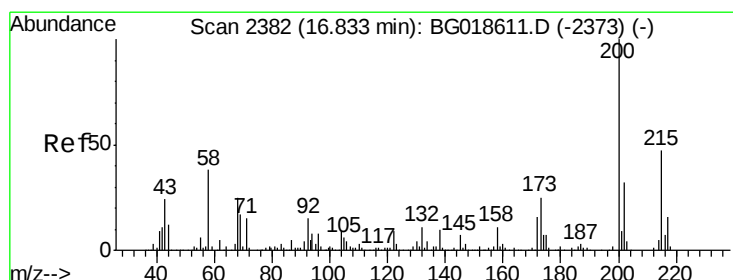
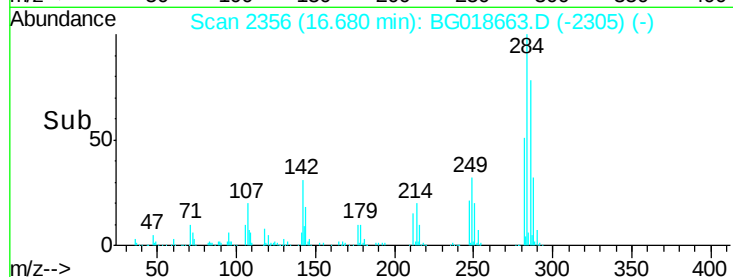
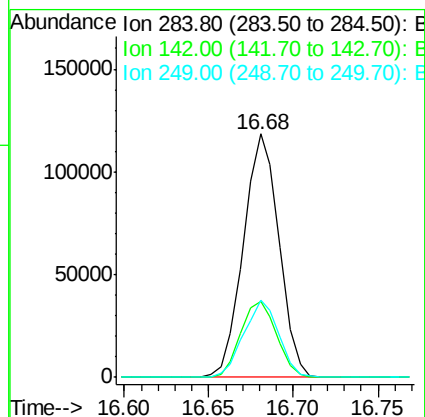
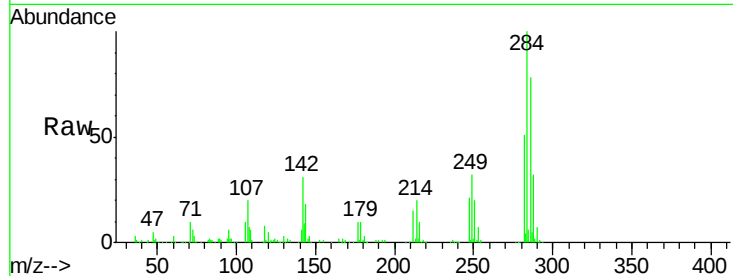
ClientSampleId :

PB85471BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 284  | Resp: | 173200 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 31.1 | 26.6  | 39.8   |
| 249       | 31.9 | 26.2  | 39.2   |

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#68

Atrazine

Concen: 41.02 ng

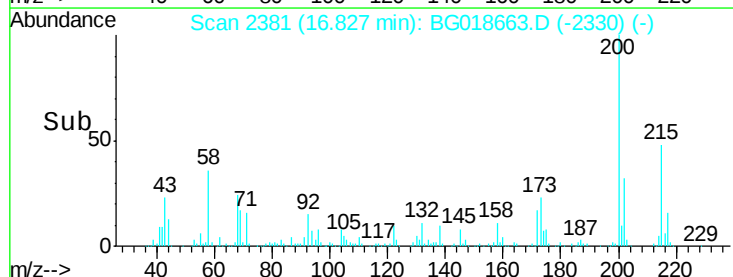
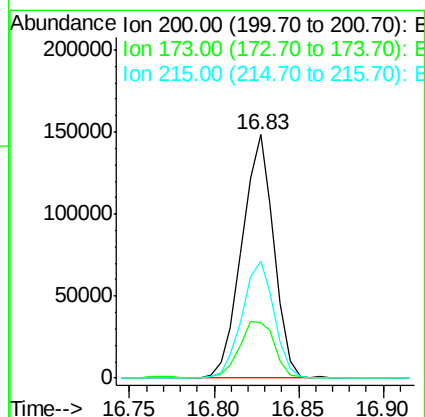
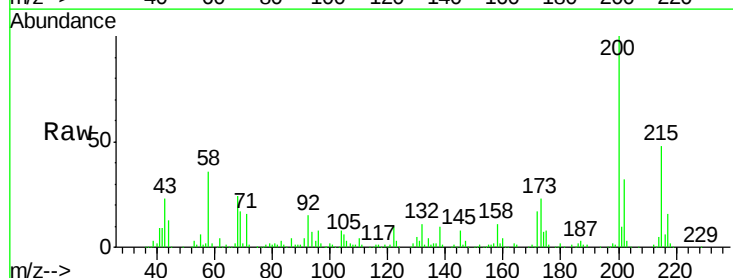
RT: 16.83 min Scan# 2381

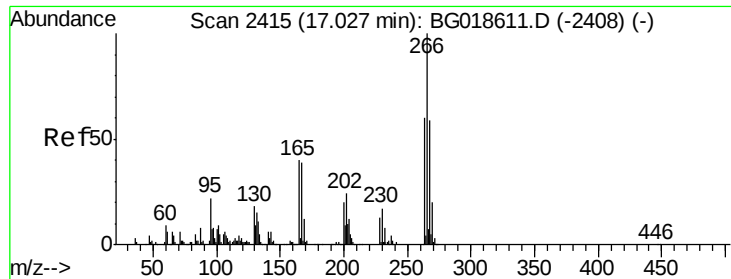
Delta R.T. 0.00 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 195314 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 22.9 | 5.2   | 45.2   |
| 215       | 48.1 | 27.0  | 67.0   |





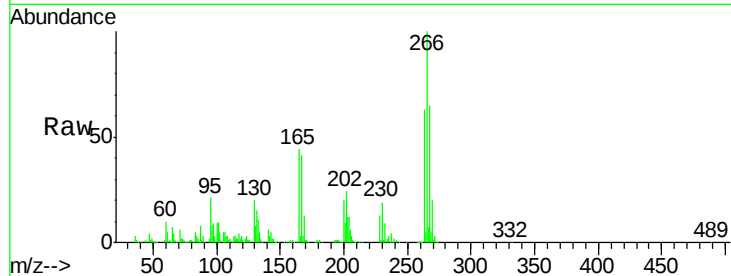
#69  
 Pentachlorophenol  
 Concen: 86.49 ng  
 RT: 17.02 min Scan# 2414  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85471BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 243688 |       |       |
| 268     | 64.5  | 47.6   | 71.4  |       |
| 264     | 63.1  | 48.1   | 72.1  |       |

Manual Integrations  
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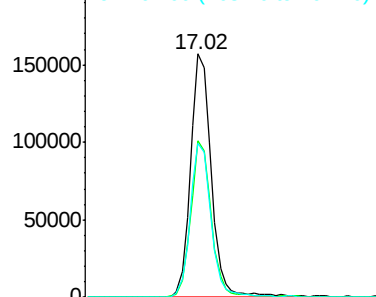


Abundance

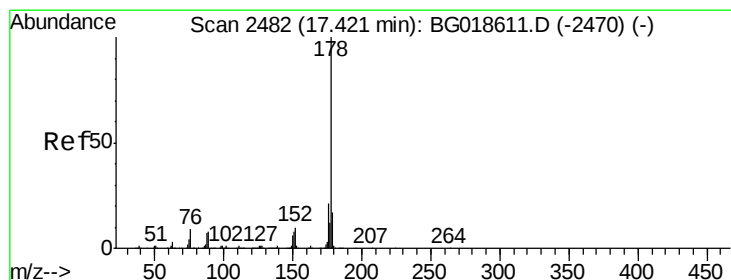
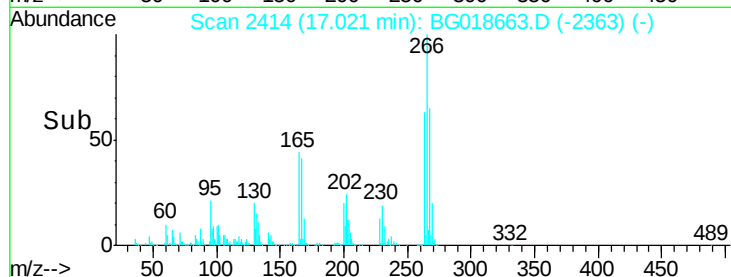
Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

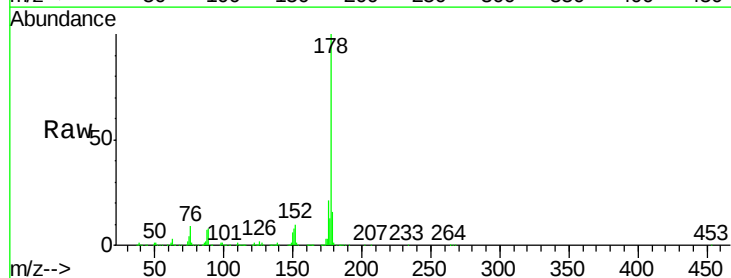


Time-->



#70  
 Phenanthrene  
 Concen: 38.99 ng  
 RT: 17.41 min Scan# 2481  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 847976 |       |       |
| 176     | 21.5  | 16.7   | 25.1  |       |
| 179     | 16.4  | 13.9   | 20.9  |       |

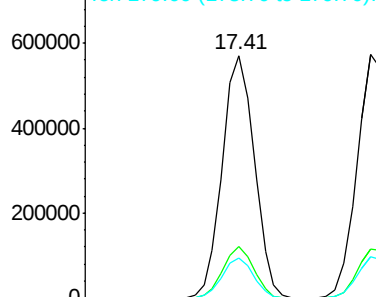


Abundance

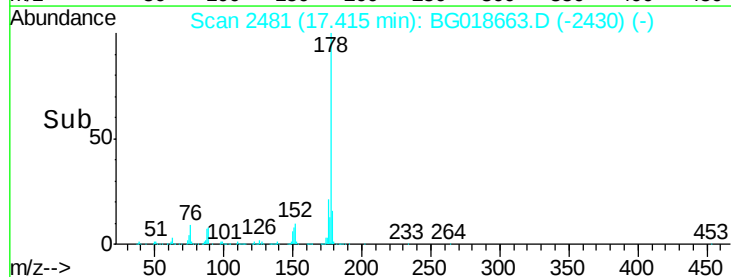
Ion 178.00 (177.70 to 178.70): E

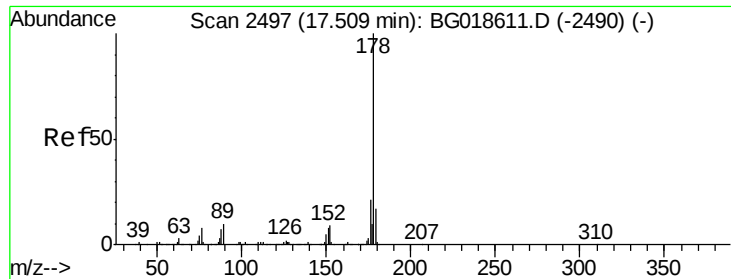
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Time-->





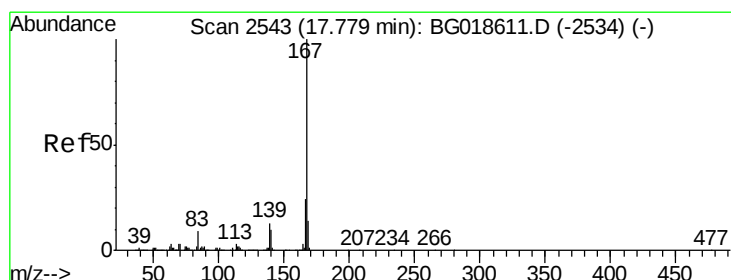
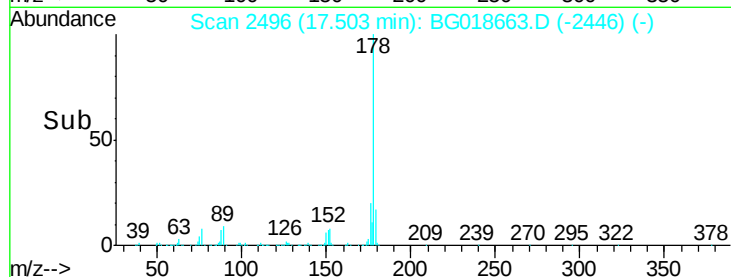
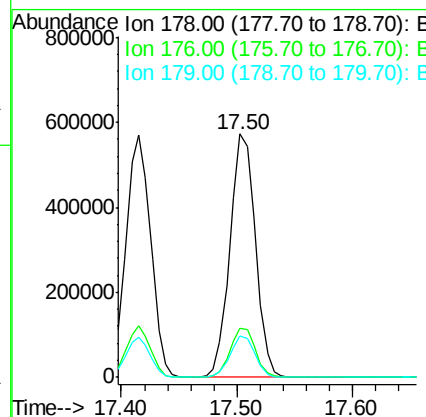
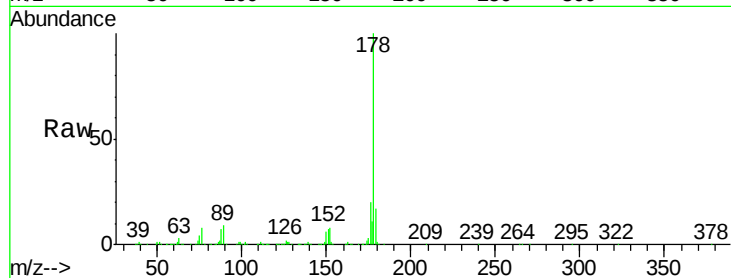
#71  
 Anthracene  
 Concen: 39.76 ng  
 RT: 17.50 min Scan# 2496  
 Delta R.T. -0.01 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85471BS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 875558 |       |       |
| 176     | 20.4  | 16.8   | 25.2  |       |
| 179     | 16.7  | 13.9   | 20.9  |       |

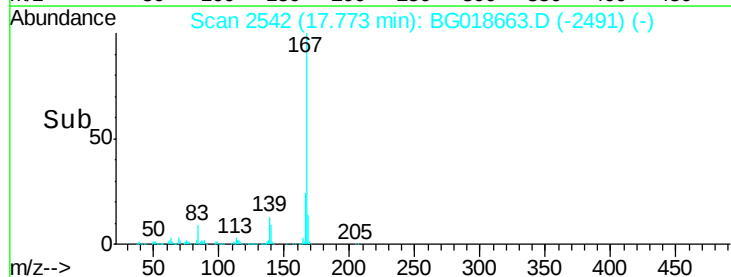
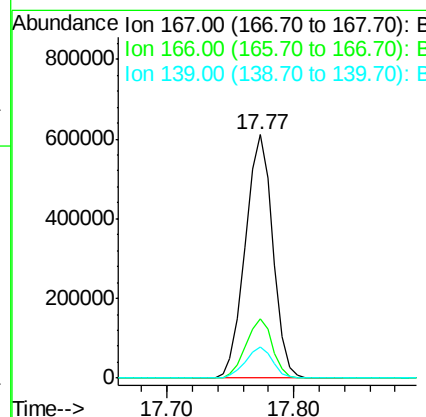
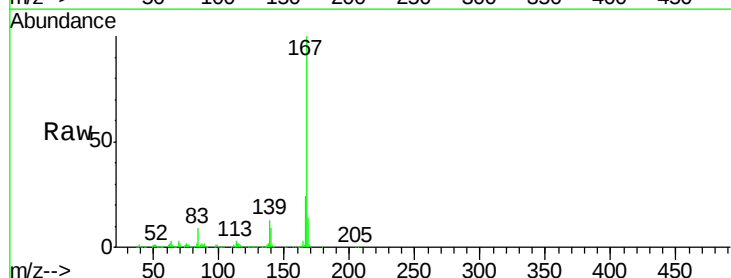
Manual Integrations  
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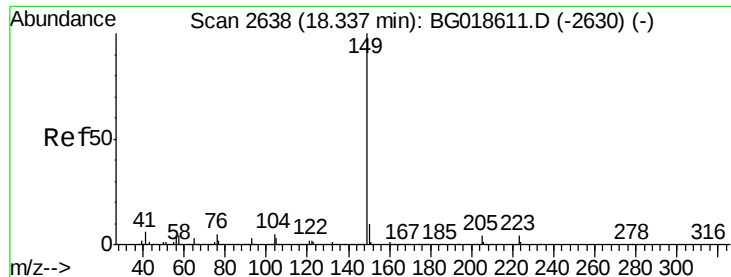
MMDadoda  
 9/15/2015 1:33:57 PM



#72  
 Carbazole  
 Concen: 43.16 ng  
 RT: 17.77 min Scan# 2542  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 919869 |       |       |
| 166     | 24.3  | 19.0   | 28.6  |       |
| 139     | 12.7  | 10.2   | 15.4  |       |





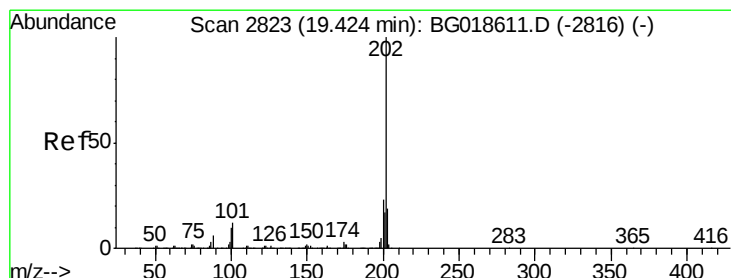
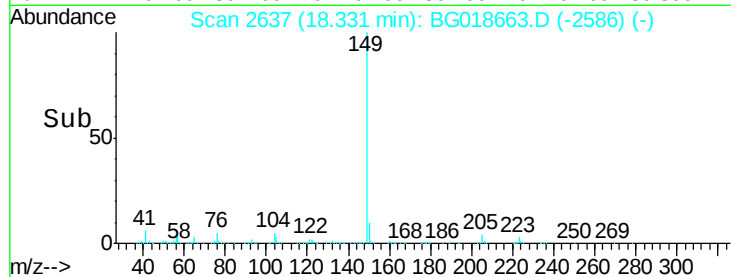
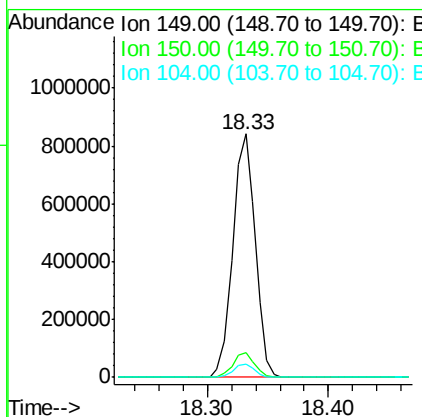
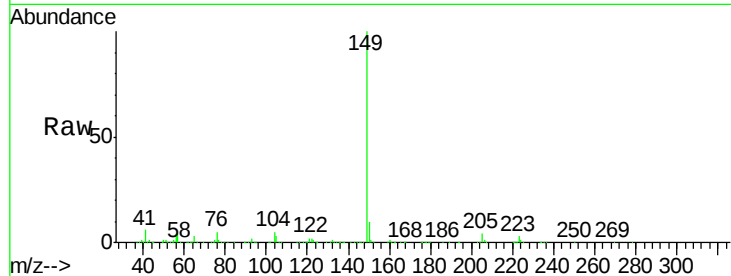
#73  
Di-n-butylphthalate  
Concen: 43.12 ng  
RT: 18.33 min Scan# 2637  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.2  | 8.2   | 12.4  |
| 104     | 5.3   | 4.4   | 6.6   |

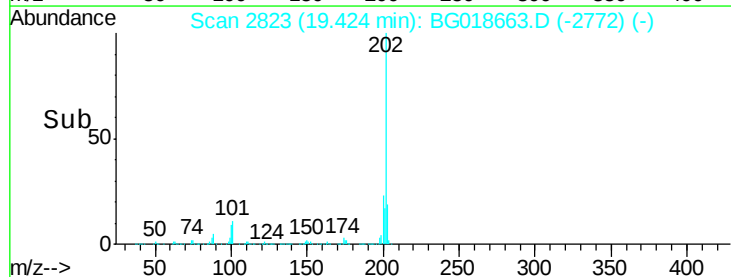
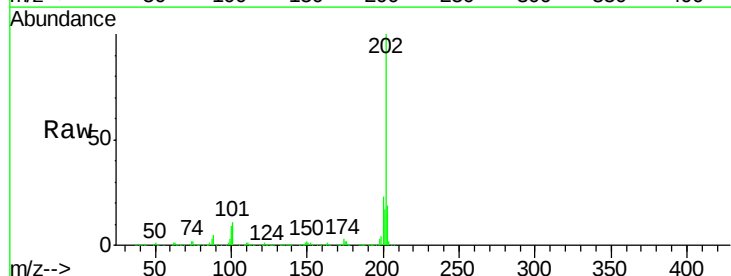
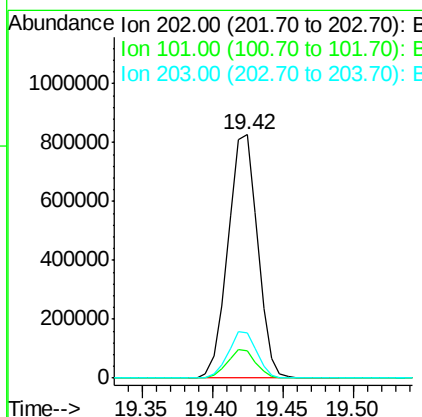
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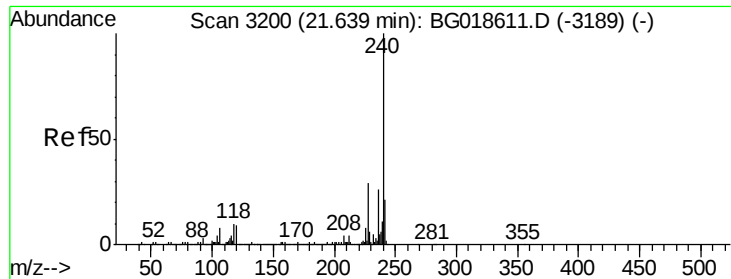
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#74  
Fluoranthene  
Concen: 44.70 ng  
RT: 19.42 min Scan# 2823  
Delta R.T. 0.00 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.2  | 0.0   | 32.4  |
| 203     | 18.8  | 0.0   | 39.5  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3199

Delta R.T. 0.00 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

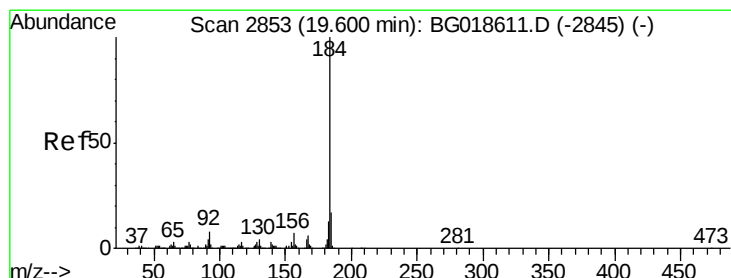
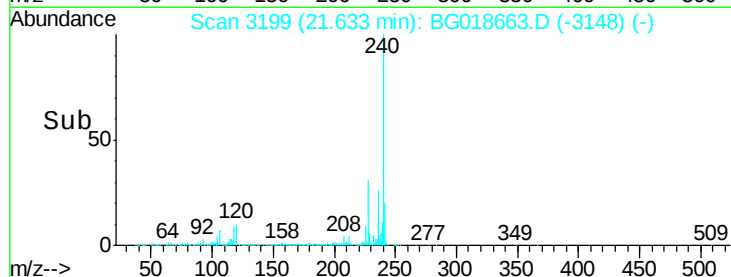
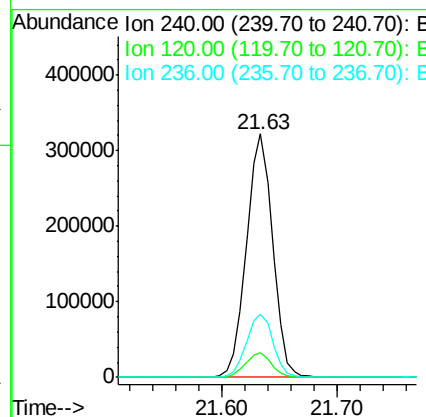
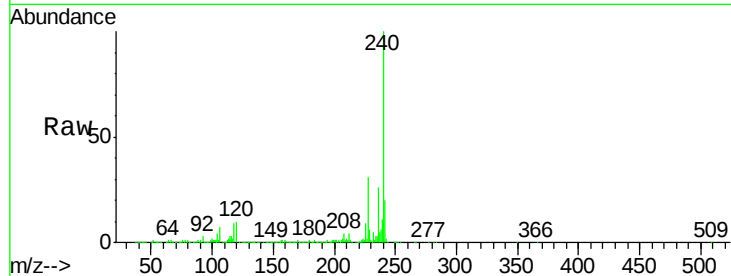
ClientSampleId :

PB85471BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 240  | Resp: | 507601 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 10.4 | 7.4   | 11.0   |
| 236       | 26.0 | 20.7  | 31.1   |

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#76

Benzidine

Concen: 34.10 ng

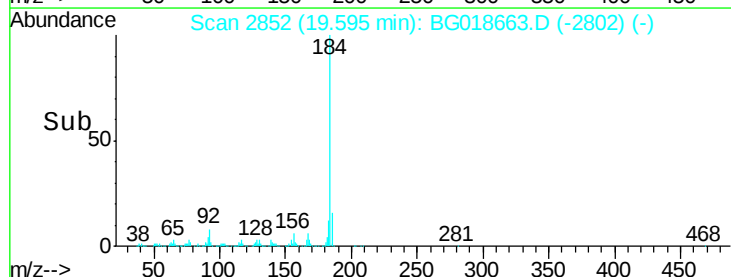
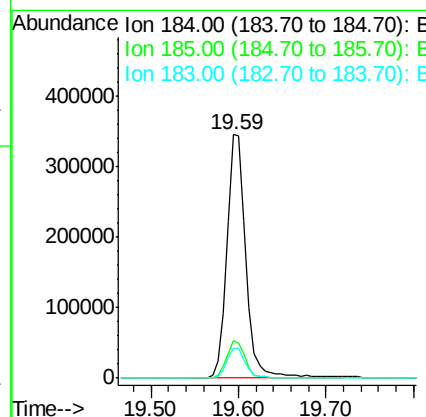
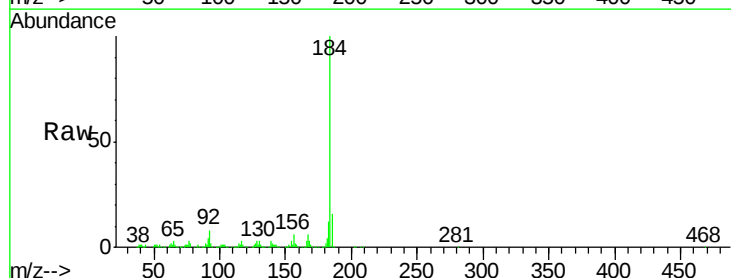
RT: 19.59 min Scan# 2852

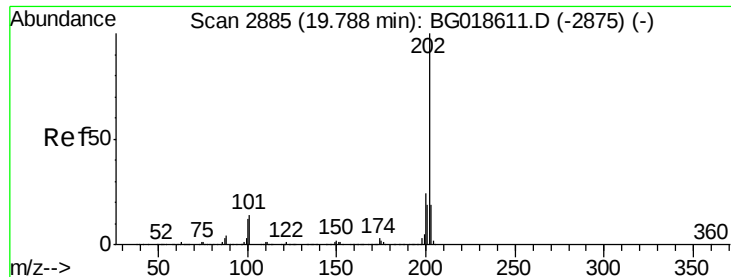
Delta R.T. -0.01 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 184  | Resp: | 519783 |
| Ion Ratio |      | Lower | Upper  |
| 184       | 100  |       |        |
| 185       | 15.7 | 13.4  | 20.2   |
| 183       | 12.3 | 10.1  | 15.1   |





#77

Pyrene

Concen: 39.73 ng

RT: 19.78 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

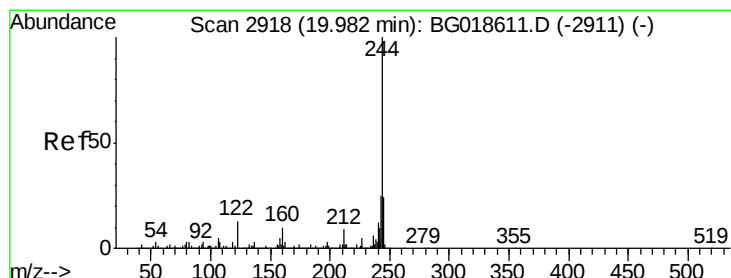
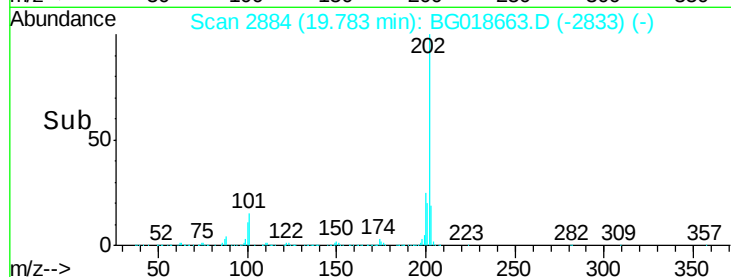
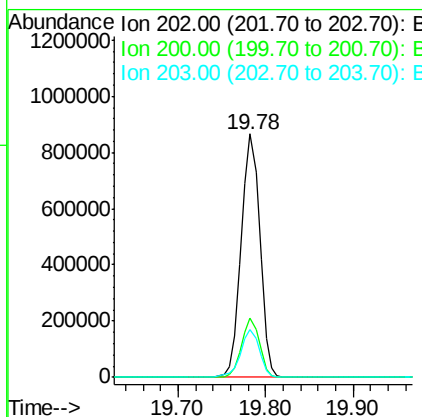
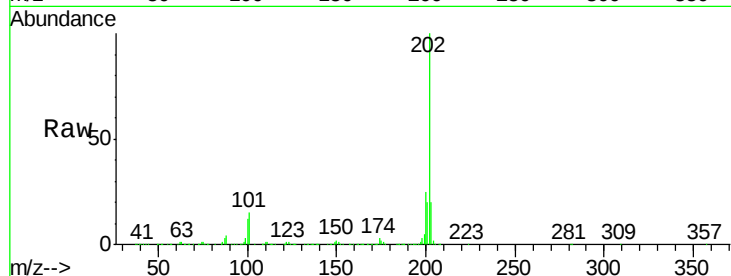
ClientSampleId :

PB85471BS

| Tgt | Ion  | Ratio | Resp    | Lower | Upper |
|-----|------|-------|---------|-------|-------|
| 202 | 100  |       | 1239445 |       |       |
| 200 | 24.6 |       | 19.4    | 29.0  |       |
| 203 | 19.5 |       | 15.5    | 23.3  |       |

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#78

Terphenyl-d14

Concen: 80.91 ng

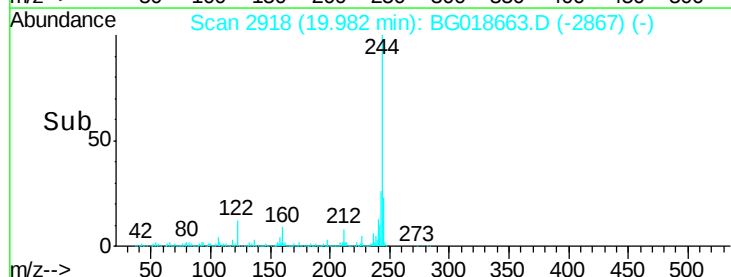
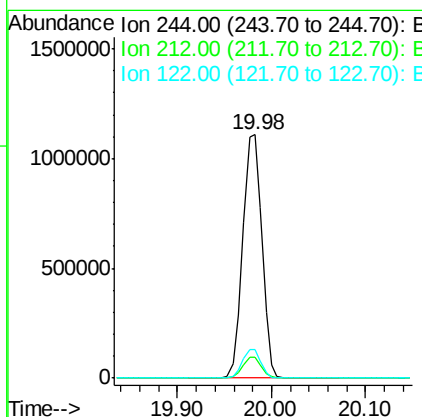
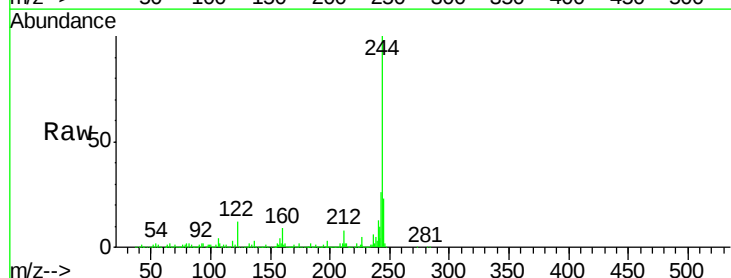
RT: 19.98 min Scan# 2918

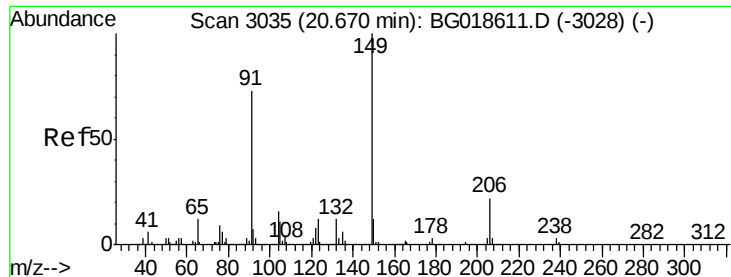
Delta R.T. 0.00 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

| Tgt | Ion  | Ratio | Resp    | Lower | Upper |
|-----|------|-------|---------|-------|-------|
| 244 | 100  |       | 1563923 |       |       |
| 212 | 8.4  |       | 6.9     | 10.3  |       |
| 122 | 11.8 |       | 10.2    | 15.2  |       |





#79

Butylbenzylphthalate

Concen: 40.20 ng

RT: 20.66 min Scan# 3034

Delta R.T. -0.01 min

Lab File: BG018663.D

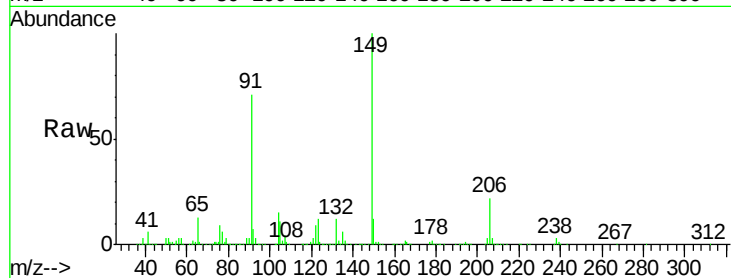
Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

ClientSampleId :

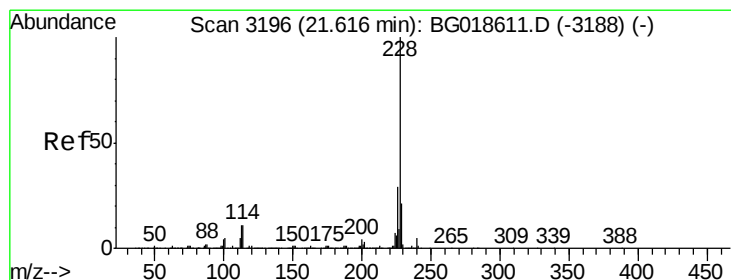
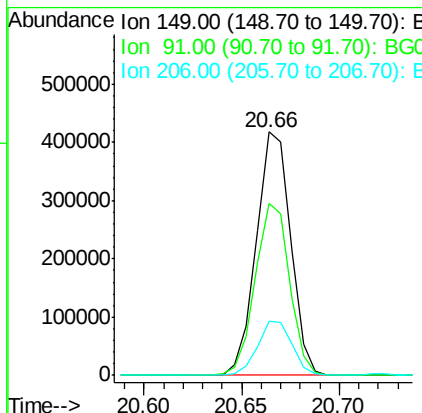
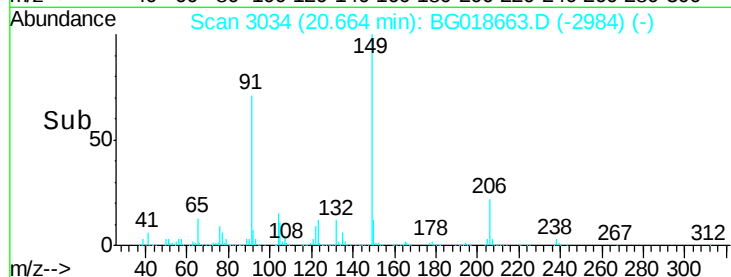
PB85471BS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 509757 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 70.7  | 58.1  | 87.1   |
| 206       | 22.2  | 17.8  | 26.8   |

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#80

Benzo(a)anthracene

Concen: 39.41 ng

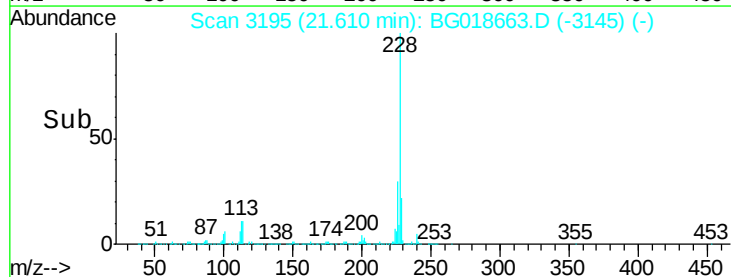
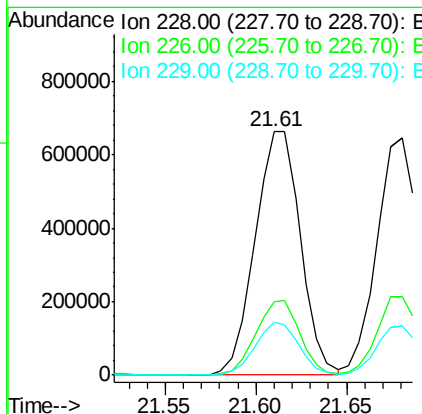
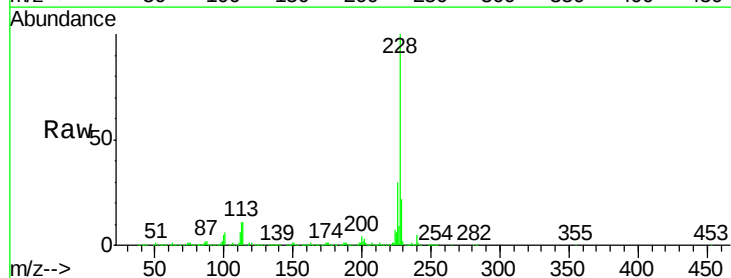
RT: 21.61 min Scan# 3195

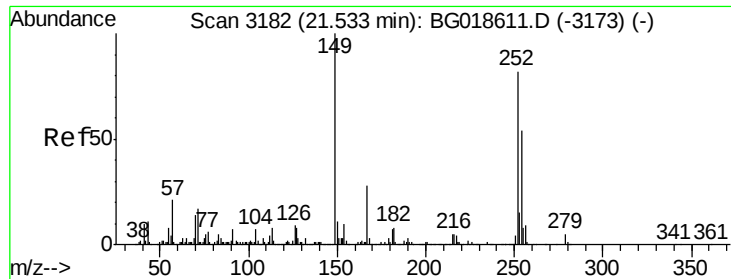
Delta R.T. -0.01 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 228   | Resp: | 1151729 |
| Ion Ratio | Lower | Upper |         |
| 228       | 100   |       |         |
| 226       | 30.3  | 23.4  | 35.0    |
| 229       | 21.6  | 16.6  | 25.0    |





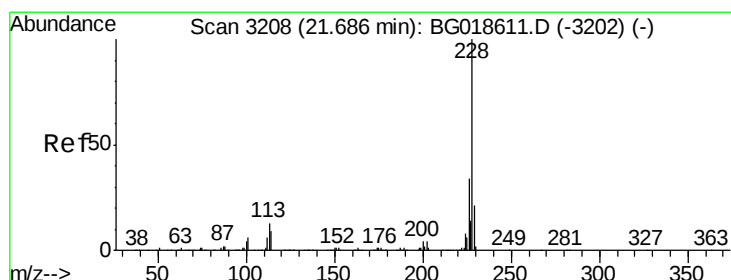
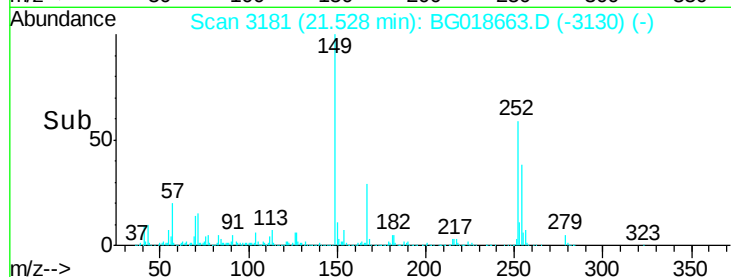
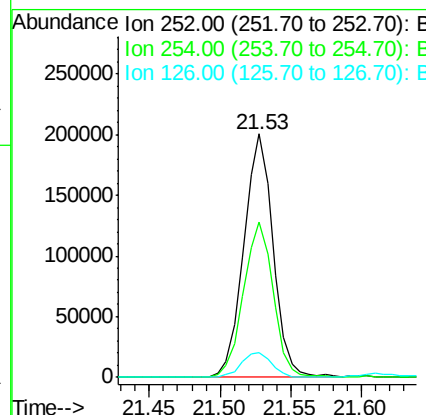
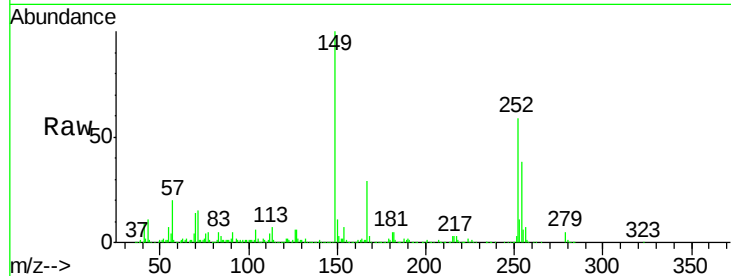
#81  
 3,3'-Dichlorobenzidine  
 Concen: 26.26 ng  
 RT: 21.53 min Scan# 3181  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85471BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 64.0  | 52.5       | 78.7       |
| 126     | 10.3  | 8.5        | 12.7       |

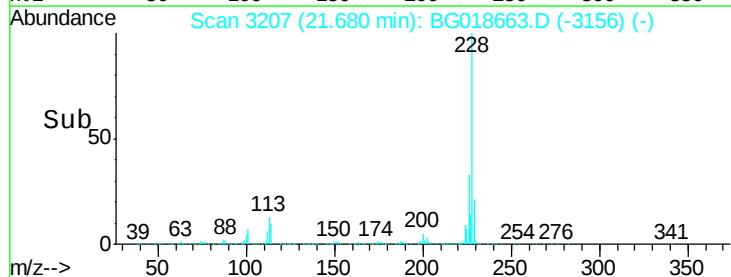
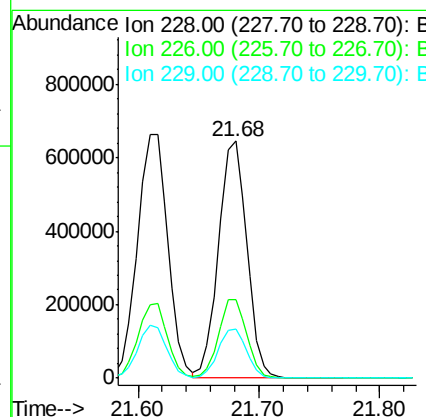
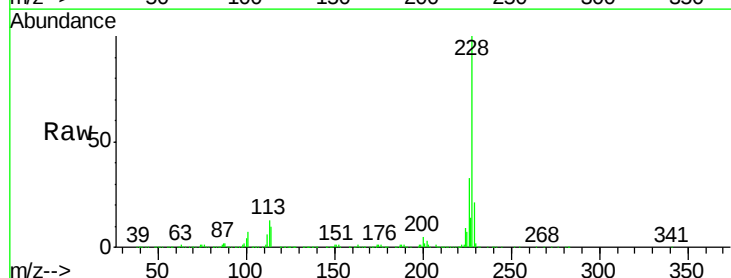
Manual Integrations  
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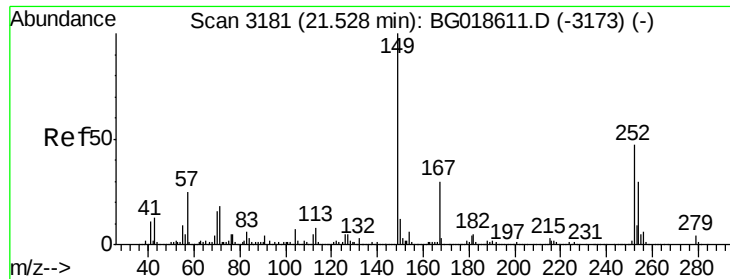
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#82  
 Chrysene  
 Concen: 37.95 ng  
 RT: 21.68 min Scan# 3207  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 33.1  | 26.7       | 40.1       |
| 229     | 21.0  | 17.0       | 25.6       |





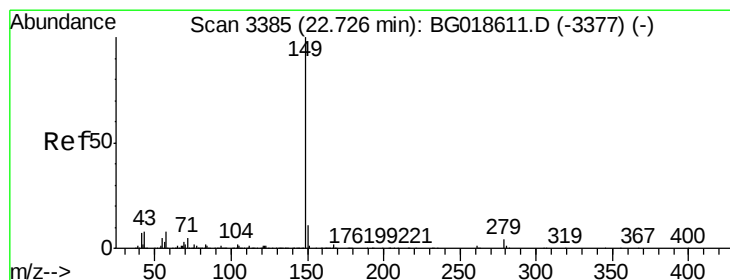
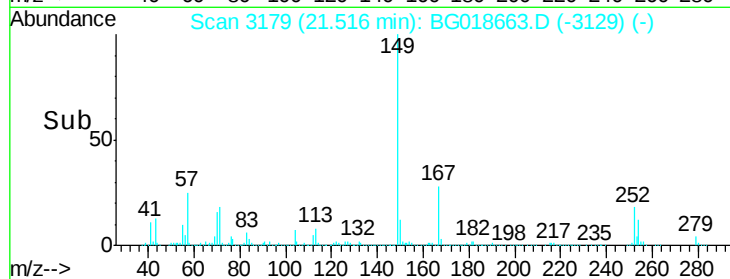
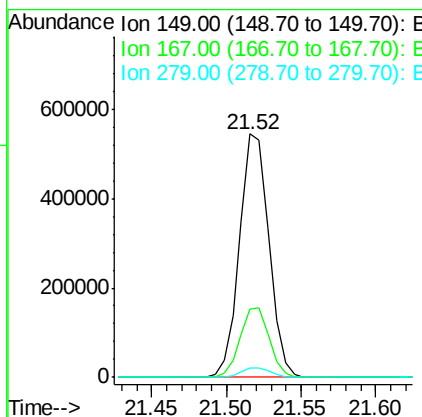
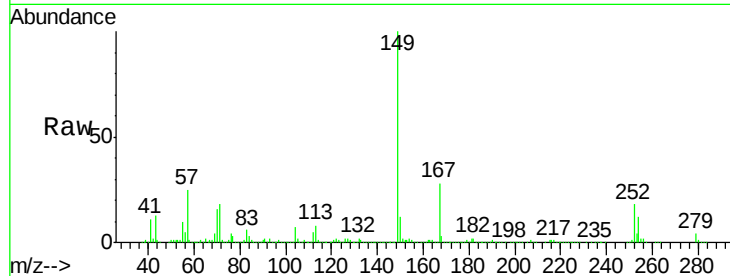
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.72 ng  
 RT: 21.52 min Scan# 3179  
 Delta R.T. -0.01 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85471BS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 27.9  | 23.8       | 35.8       |
| 279     | 3.8   | 3.4        | 5.2        |

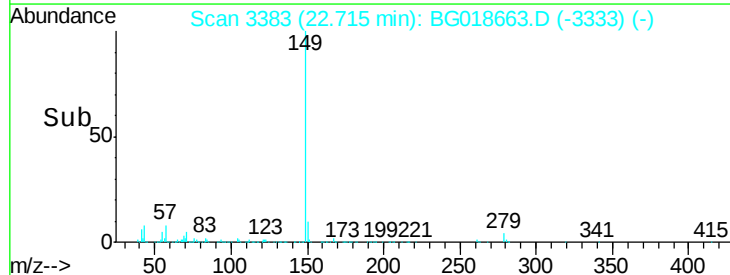
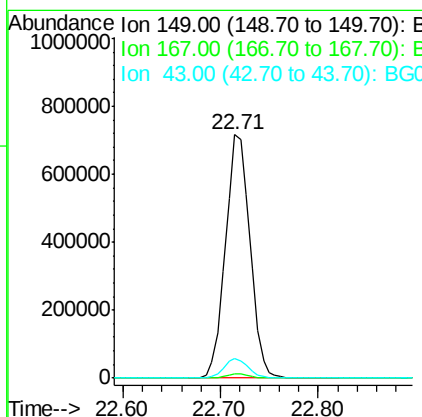
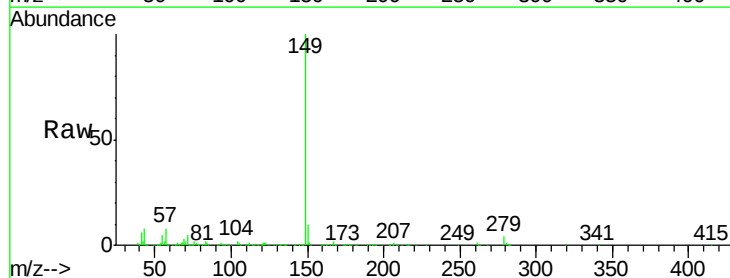
Manual Integrations  
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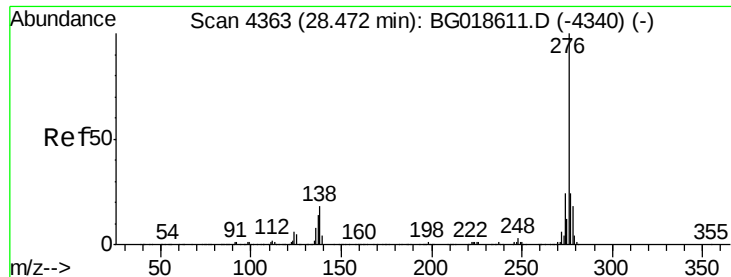
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#84  
 Di-n-octyl phthalate  
 Concen: 40.37 ng  
 RT: 22.71 min Scan# 3383  
 Delta R.T. -0.01 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 149     | 100   |            |            |
| 167     | 1.7   | 1.2        | 1.8        |
| 43      | 7.8   | 5.9        | 8.9        |





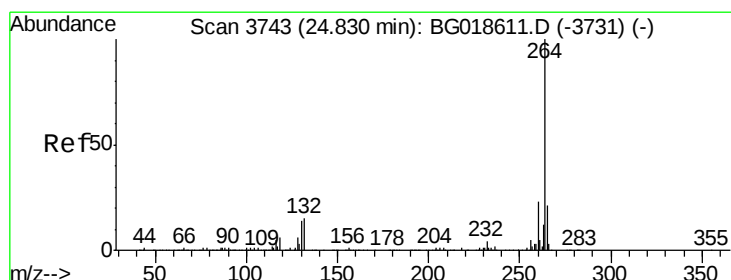
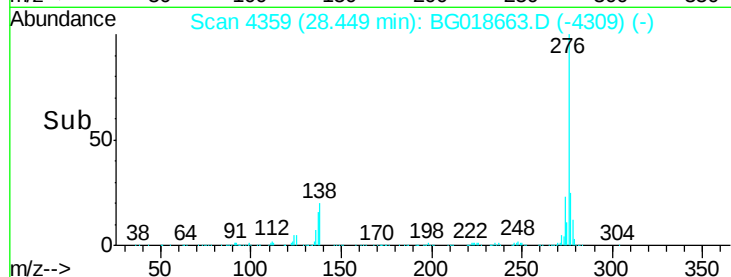
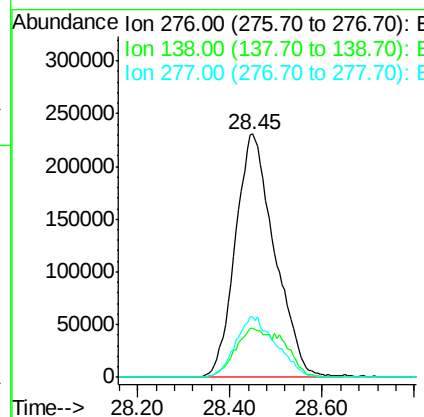
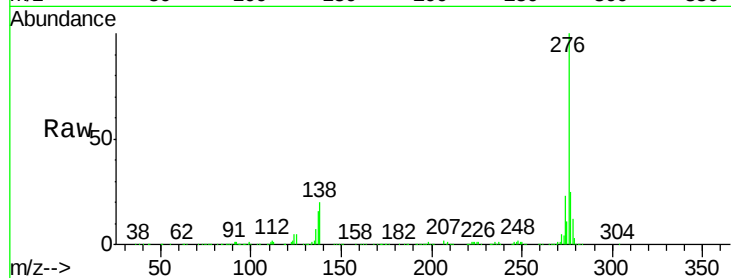
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.14 ng  
 RT: 28.45 min Scan# 4359  
 Delta R.T. -0.01 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB85471BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 17.0  | 0.0   | 0.0#  |
| 277     | 25.7  | 0.0   | 0.0#  |

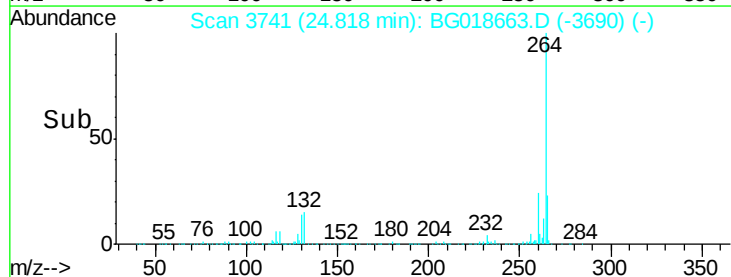
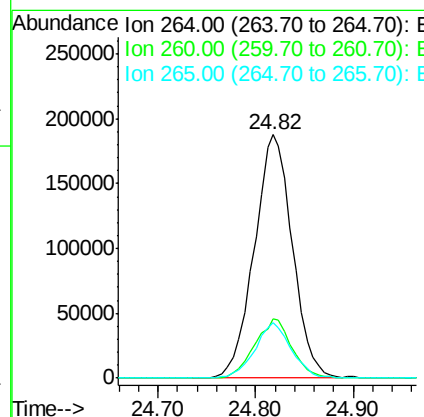
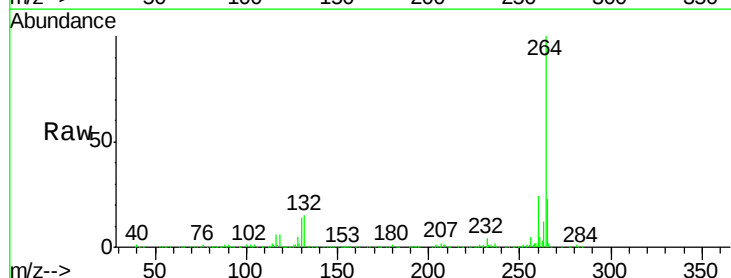
Manual Integrations  
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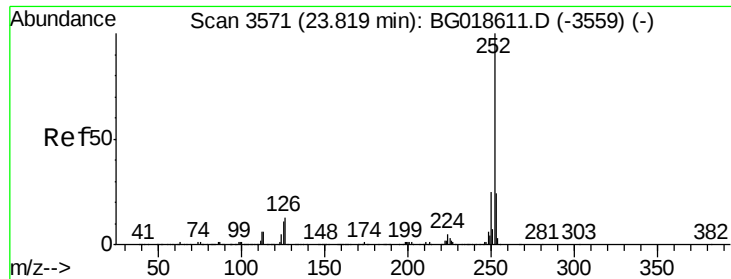
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 24.82 min Scan# 3741  
 Delta R.T. 0.00 min  
 Lab File: BG018663.D  
 Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.3  | 18.5  | 27.7  |
| 265     | 22.7  | 17.2  | 25.8  |





#87

Benzo(b)fluoranthene

Concen: 40.80 ng

RT: 23.81 min Scan# 3569

Delta R.T. -0.01 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

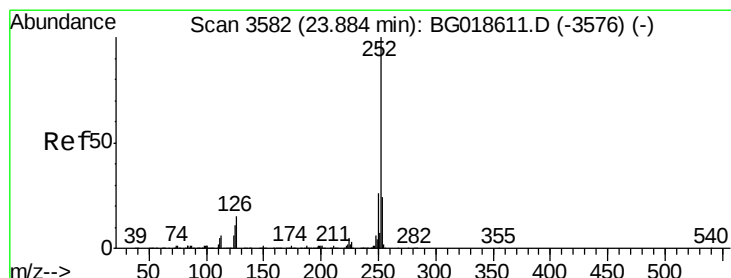
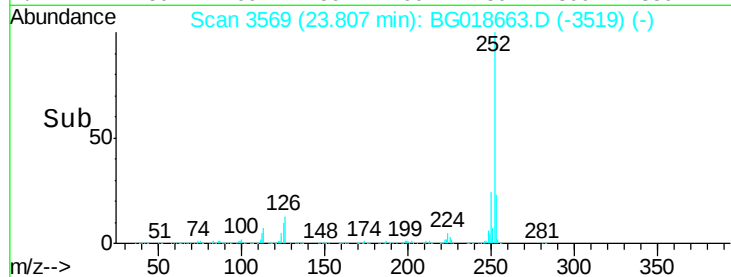
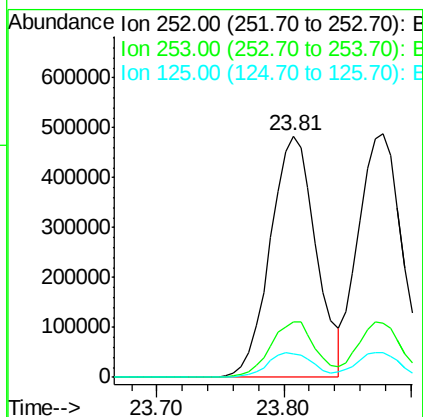
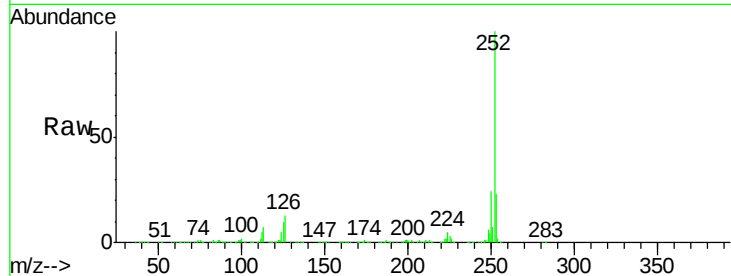
ClientSampleId :

PB85471BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 252   | Resp: | 1213903 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 22.7  | 19.1  | 28.7    |
| 125      | 9.8   | 8.9   | 13.3    |

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#88

Benzo(k)fluoranthene

Concen: 38.81 ng

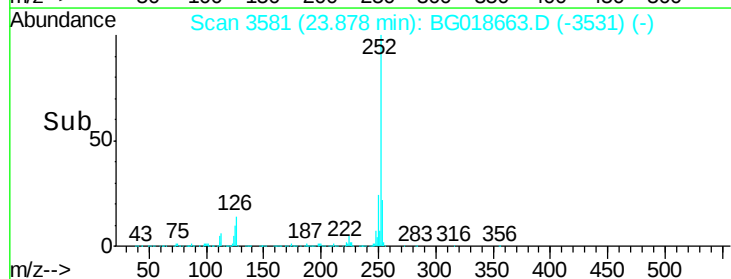
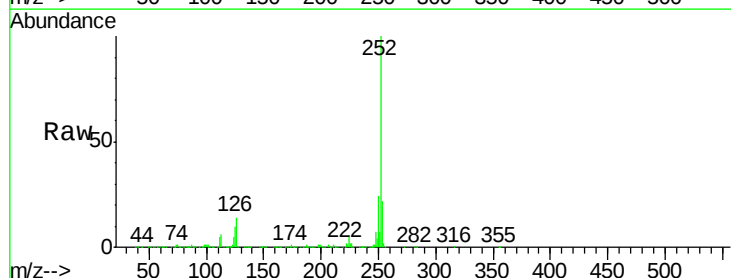
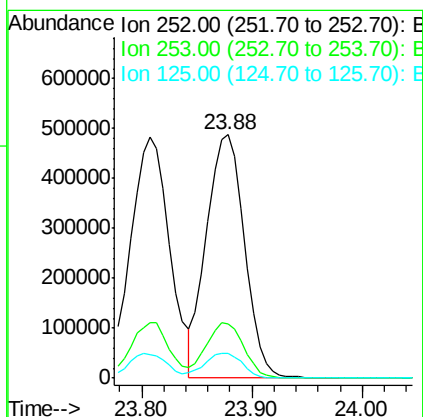
RT: 23.88 min Scan# 3581

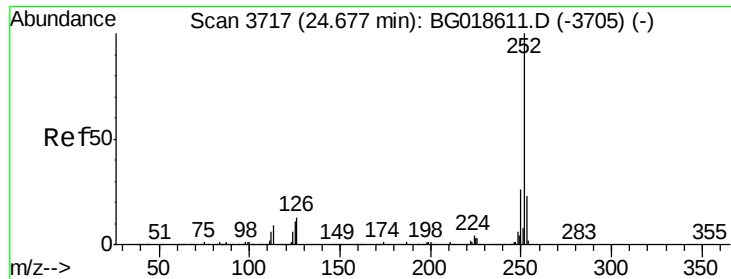
Delta R.T. -0.01 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 252   | Resp: | 1156672 |
| Ion      | Ratio | Lower | Upper   |
| 252      | 100   |       |         |
| 253      | 22.2  | 19.0  | 28.4    |
| 125      | 10.1  | 8.9   | 13.3    |





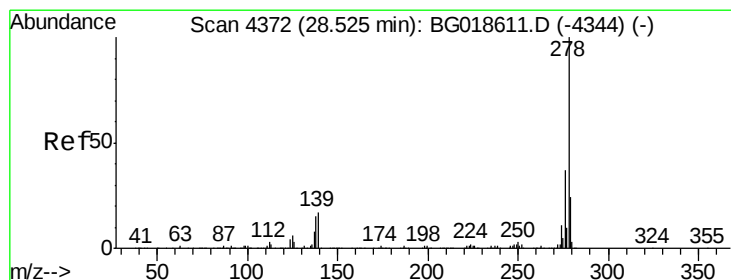
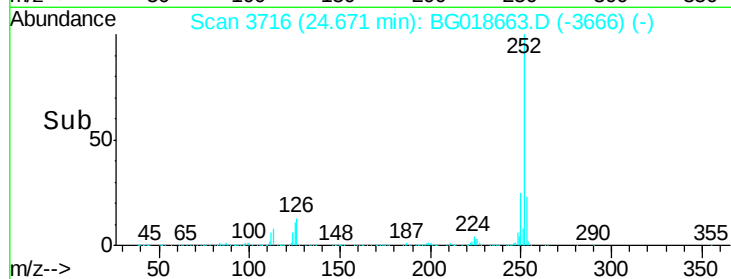
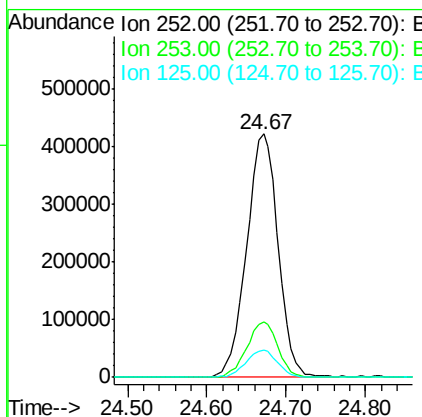
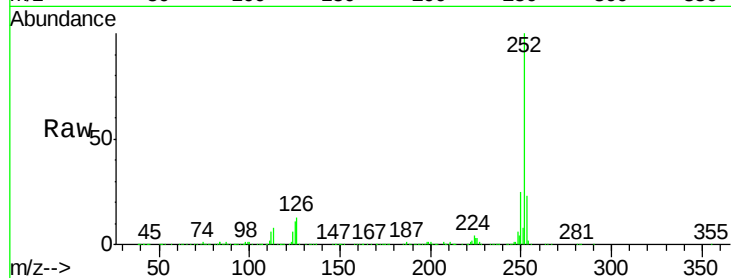
#89  
Benzo(a)pyrene  
Concen: 41.25 ng  
RT: 24.67 min Scan# 3716  
Delta R.T. -0.01 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

Instrument :  
BNA\_G  
ClientSampleId :  
PB85471BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 18.7  | 28.1  |
| 125     | 11.4  | 9.1   | 13.7  |

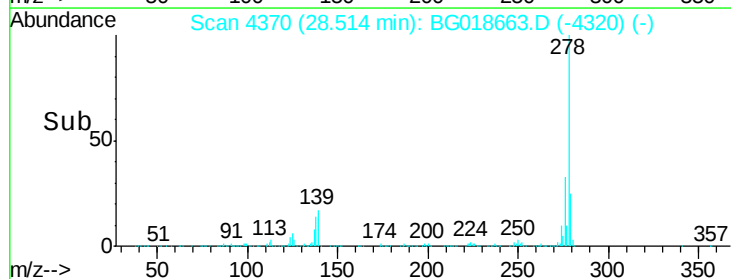
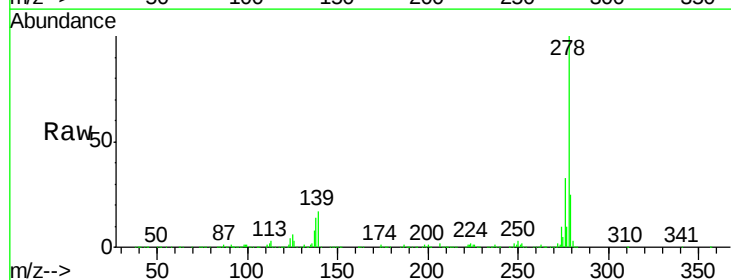
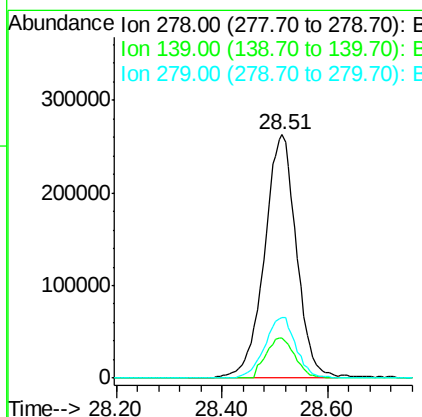
Manual Integrations  
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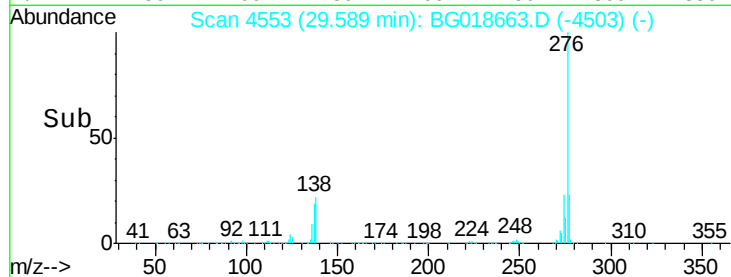
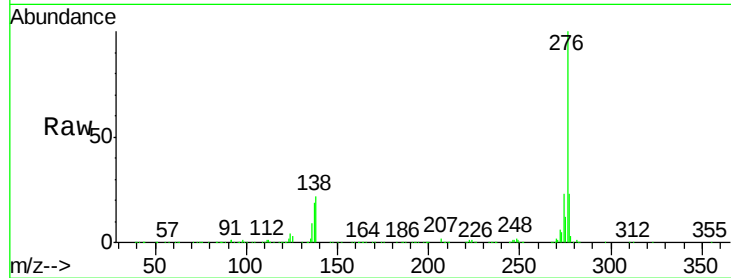
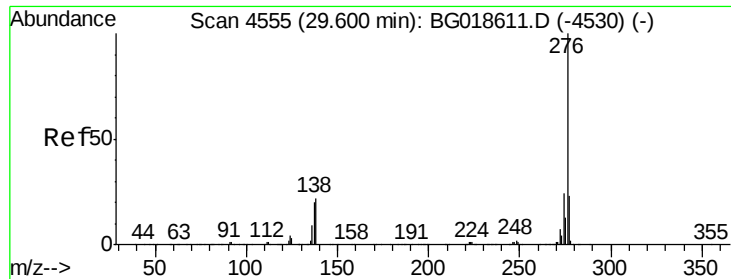
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#90  
Dibenzo(a,h)anthracene  
Concen: 39.56 ng  
RT: 28.51 min Scan# 4370  
Delta R.T. -0.01 min  
Lab File: BG018663.D  
Acq: 14 Sep 2015 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 16.5  | 13.8  | 20.6  |
| 279     | 24.9  | 19.4  | 29.0  |





#91

Benzo(g,h,i)perylene

Concen: 40.15 ng

RT: 29.59 min Scan# 4553

Delta R.T. -0.01 min

Lab File: BG018663.D

Acq: 14 Sep 2015 15:49

Instrument :

BNA\_G

ClientSampleId :

PB85471BS

Tgt Ion: 276 Resp: 1139622

Ion Ratio Lower Upper

276 100

277 22.8 18.4 27.6

138 22.2 17.4 26.0

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