

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\  
 Data File : BG037066.D  
 Acq On : 29 Sep 2018 1:33  
 Operator : JU/SJ  
 Sample : PB113331BSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BSD

Manual Integrations  
 APPROVED

Sohil  
 10/1/2018 11:42:35 AM

Quant Time: Sep 29 06:43:33 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 24 10:41:23 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 38320    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.85 | 136  | 151972   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.67 | 164  | 99051    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.41 | 188  | 274640   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.68 | 240  | 289120   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.88 | 264  | 294487   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 280724  | 140.49 | ng | 0.00 |
| 7) Phenol-d6             | 7.20  | 99  | 390417  | 126.29 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.20  | 82  | 250094  | 88.13  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.16 | 330 | 161709  | 136.45 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.29 | 172 | 530847  | 79.82  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.02 | 244 | 1033299 | 93.98  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |         |    | Qvalue |
|--------------------------------|-------|-----|--------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 40587  | 44.391  | ng | 96     |
| 3) Pyridine                    | 3.91  | 79  | 111791 | 42.345  | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 64261  | 54.766  | ng | # 91   |
| 6) Aniline                     | 7.37  | 93  | 115410 | 28.771  | ng | 96     |
| 8) 2-Chlorophenol              | 7.60  | 128 | 109865 | 47.354  | ng | 91     |
| 9) Benzaldehyde                | 7.18  | 77  | 68639  | 33.601  | ng | 97     |
| 10) Phenol                     | 7.23  | 94  | 148002 | 46.388  | ng | 93     |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93  | 114383 | 38.757  | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.93  | 146 | 115934 | 40.759  | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.07  | 146 | 117763 | 40.457  | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.39  | 146 | 113683 | 40.302  | ng | 97     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 100221 | 39.953  | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 242408 | 42.782  | ng | 99     |
| 17) 2-Methylphenol             | 8.48  | 107 | 94486  | 42.515  | ng | 95     |
| 18) Hexachloroethane           | 9.12  | 117 | 46244  | 43.171  | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.84  | 70  | 94884  | 36.895  | ng | 97     |
| 20) 3+4-Methylphenols          | 8.81  | 107 | 129999 | 42.047  | ng | 95     |
| 22) Acetophenone               | 8.86  | 105 | 166183 | 46.533  | ng | # 98   |
| 24) Nitrobenzene               | 9.24  | 77  | 139859 | 46.149  | ng | 98     |
| 25) Isophorone                 | 9.76  | 82  | 261516 | 50.433  | ng | 99     |
| 26) 2-Nitrophenol              | 9.96  | 139 | 55454  | 45.906  | ng | 98     |
| 27) 2,4-Dimethylphenol         | 10.01 | 122 | 102107 | 54.264  | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.25 | 93  | 148981 | 46.561  | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 109141 | 50.035  | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.71 | 180 | 116822 | 42.796  | ng | 97     |
| 31) Naphthalene                | 10.89 | 128 | 347531 | 48.062  | ng | 98     |
| 32) Benzoic acid               | 10.15 | 122 | 50740m | 36.747  | ng |        |
| 33) 4-Chloroaniline            | 11.00 | 127 | 69184  | 21.043  | ng | 96     |
| 34) Hexachlorobutadiene        | 11.18 | 225 | 79923  | 42.337  | ng | 98     |
| 35) Caprolactam                | 11.78 | 113 | 44878m | 49.987  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 132324 | 50.841  | ng | 93     |
| 37) 2-Methylnaphthalene        | 12.50 | 142 | 261723 | 47.524  | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 144333 | 41.779  | ng | # 98   |
| 40) Hexachlorocyclopentadiene  | 12.84 | 237 | 179390 | 100.964 | ng | 96     |

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 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB113331BSD

Manual Integrations  
 APPROVED

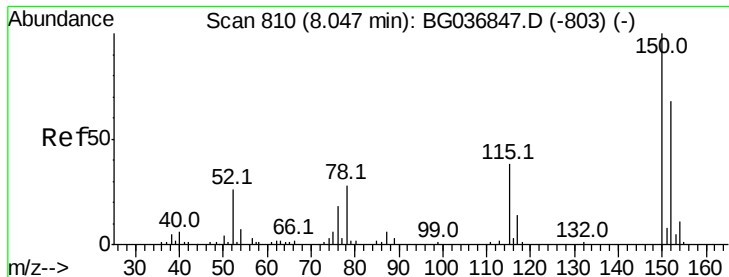
Sohil  
 10/1/2018 11:42:35 AM

Quant Time: Sep 29 06:43:33 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 24 10:41:23 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.10 | 196  | 92935    | 48.443  | nq    | 94       |
| 43) 2,4,5-Trichlorophenol      | 13.17 | 196  | 107746   | 52.671  | nq    | 97       |
| 45) 1,1'-Biphenyl              | 13.50 | 154  | 338287   | 44.594  | nq    | 96       |
| 46) 2-Chloronaphthalene        | 13.54 | 162  | 257571   | 43.176  | nq    | 98       |
| 47) 2-Nitroaniline             | 13.75 | 65   | 105981   | 51.362  | nq    | 94       |
| 48) Acenaphthylene             | 14.39 | 152  | 456750   | 48.859  | nq    | 99       |
| 49) Dimethylphthalate          | 14.12 | 163  | 373420   | 46.836  | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 14.24 | 165  | 81674    | 46.951  | nq    | 97       |
| 51) Acenaphthene               | 14.73 | 154  | 261843   | 46.345  | nq    | 98       |
| 52) 3-Nitroaniline             | 14.57 | 138  | 58590    | 31.963  | nq    | 96       |
| 53) 2,4-Dinitrophenol          | 14.78 | 184  | 44636    | 57.166  | nq #  | 85       |
| 54) Dibenzofuran               | 15.06 | 168  | 436896   | 45.717  | nq    | 99       |
| 55) 4-Nitrophenol              | 14.88 | 139  | 133788   | 114.248 | nq    | 94       |
| 56) 2,4-Dinitrotoluene         | 15.03 | 165  | 122016   | 50.267  | nq    | 92       |
| 57) Fluorene                   | 15.71 | 166  | 358651   | 50.211  | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 109621   | 52.825  | nq    | 98       |
| 59) Diethylphthalate           | 15.48 | 149  | 390099   | 48.511  | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.71 | 204  | 193514   | 42.779  | nq    | 97       |
| 61) 4-Nitroaniline             | 15.74 | 138  | 98765    | 51.223  | nq    | 96       |
| 62) Azobenzene                 | 16.00 | 77   | 396979   | 51.377  | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.79 | 198  | 56157    | 39.110  | nq    | 91       |
| 65) n-Nitrosodiphenylamine     | 15.92 | 169  | 333378   | 43.969  | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.60 | 248  | 126967   | 40.644  | nq    | 95       |
| 67) Hexachlorobenzene          | 16.72 | 284  | 128685   | 39.997  | nq    | 96       |
| 68) Atrazine                   | 16.86 | 200  | 148299   | 48.306  | nq    | 99       |
| 69) Pentachlorophenol          | 17.06 | 266  | 153712   | 75.882  | nq    | 99       |
| 70) Phenanthrene               | 17.46 | 178  | 645186   | 48.749  | nq    | 99       |
| 71) Anthracene                 | 17.54 | 178  | 654733   | 50.031  | nq    | 99       |
| 72) Carbazole                  | 17.81 | 167  | 596815   | 46.774  | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.37 | 149  | 705966   | 49.821  | nq    | 98       |
| 74) Fluoranthene               | 19.46 | 202  | 809626   | 50.821  | nq    | 98       |
| 76) Benzidine                  | 19.64 | 184  | 309214   | 35.379  | nq    | 98       |
| 77) Pyrene                     | 19.82 | 202  | 798094   | 46.001  | nq    | 100      |
| 79) Butylbenzylphthalate       | 20.71 | 149  | 333705   | 48.255  | nq    | 96       |
| 80) Benzo(a)anthracene         | 21.66 | 228  | 799204   | 47.354  | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 183020   | 28.489  | nq    | 100      |
| 82) Chrysene                   | 21.73 | 228  | 758558   | 46.518  | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.56 | 149  | 463132   | 47.940  | nq    | 99       |
| 84) Di-n-octyl phthalate       | 22.76 | 149  | 791499   | 49.761  | nq    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 28.53 | 276  | 880789   | 50.299  | nq #  | 93       |
| 87) Benzo(b)fluoranthene       | 23.87 | 252  | 760517   | 48.459  | nq    | 96       |
| 88) Benzo(k)fluoranthene       | 23.93 | 252  | 778950   | 49.472  | nq    | 98       |
| 89) Benzo(a)pyrene             | 24.74 | 252  | 760787   | 50.142  | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.60 | 278  | 721740   | 50.756  | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 29.67 | 276  | 734475   | 51.466  | nq    | 98       |

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





#1

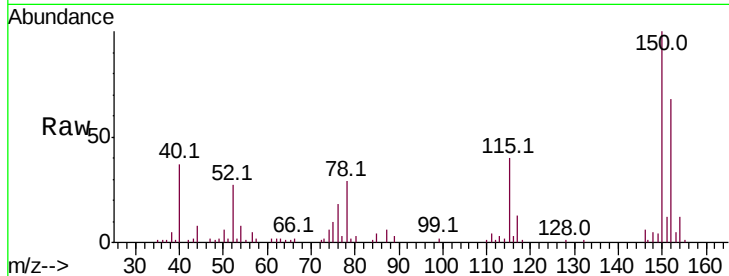
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Concen: 20.000 ng  
RT: 8.04 min Scan# 809  
Delta R.T. -0.00 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

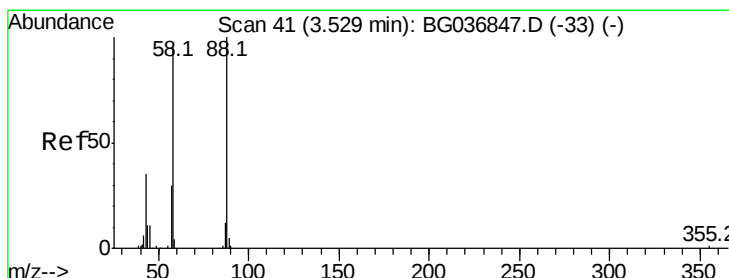
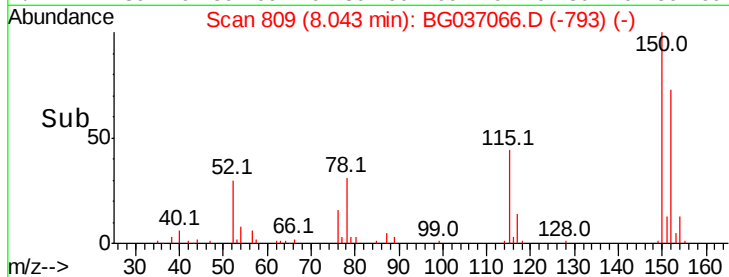
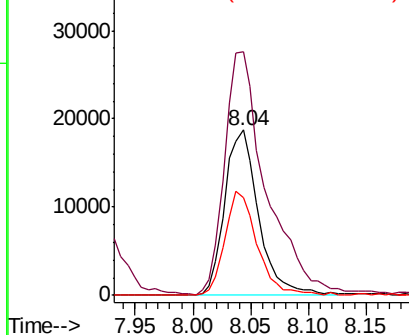
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 147.2 | 119.5 | 179.3 |
| 115     | 59.3  | 44.5  | 66.7  |

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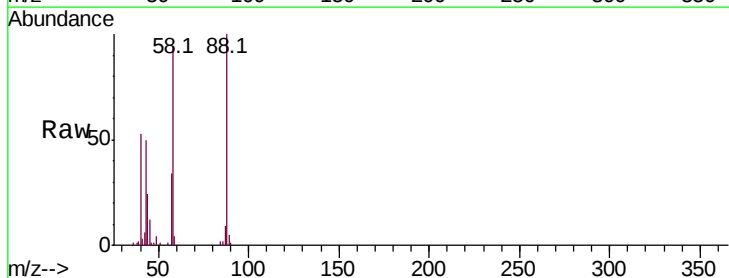
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



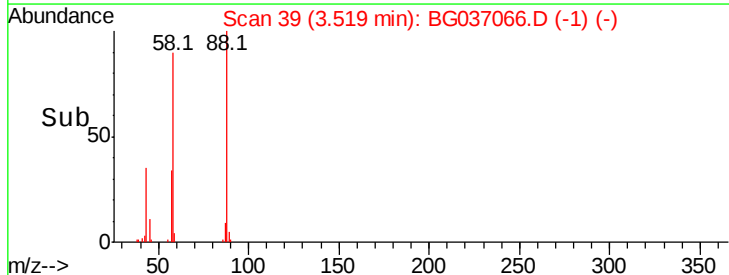
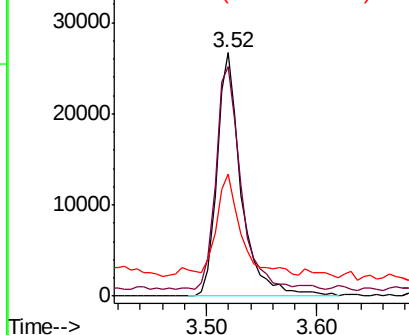
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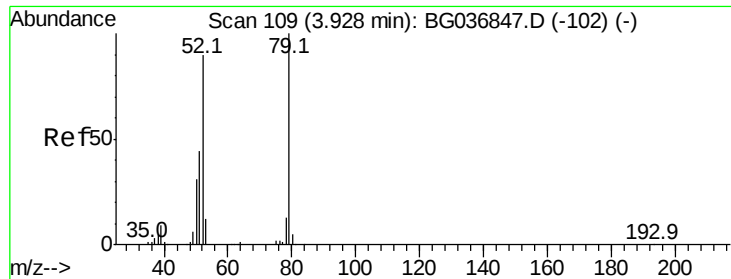
1,4-Dioxane  
Concen: 44.391 ng  
RT: 3.52 min Scan# 39  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 92.0  | 72.6  | 109.0 |
| 43      | 43.2  | 29.0  | 43.4  |



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





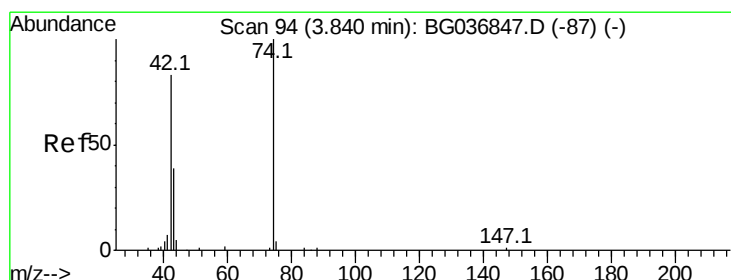
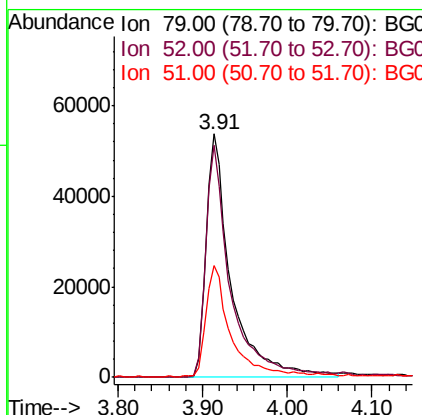
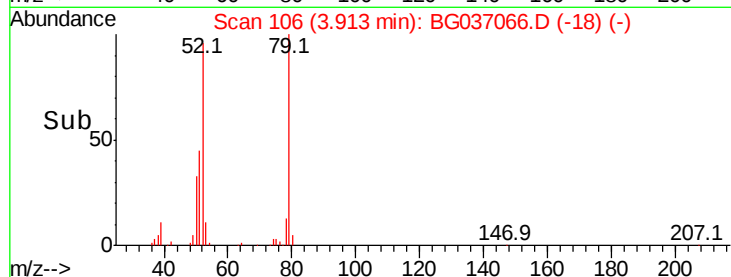
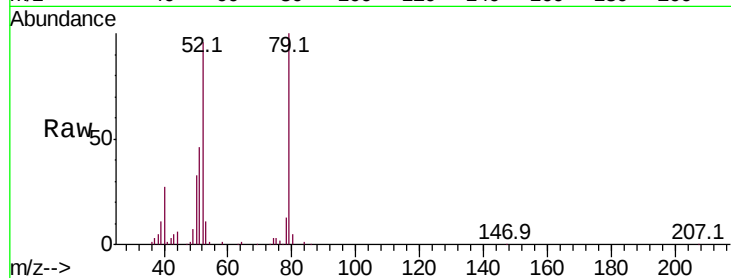
#3  
 Pvridine  
 Concen: 42.345 ng  
 RT: 3.91 min Scan# 106  
 Delta R.T. -0.02 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 95.6  | 72.3  | 108.5 |
| 51      | 46.0  | 33.8  | 50.6  |

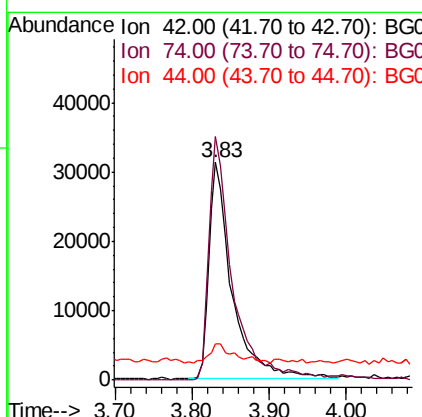
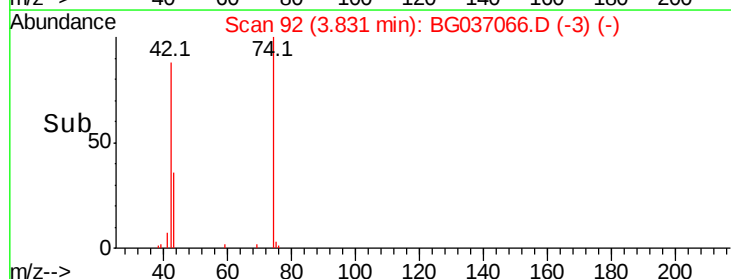
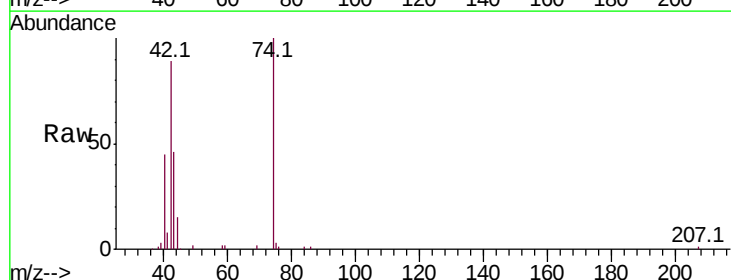
Manual Integrations  
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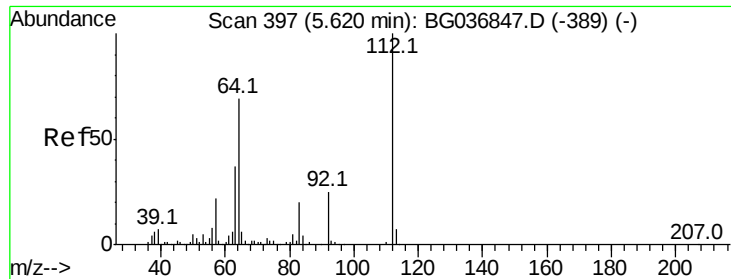
Sohil  
 10/1/2018 11:42:35 AM



#4  
 n-Nitrosodimethylamine  
 Concen: 54.766 ng  
 RT: 3.83 min Scan# 92  
 Delta R.T. -0.01 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 112.0 | 96.6  | 145.0 |
| 44      | 16.4  | 7.0   | 10.4  |





#5

2-Fluorophenol

Concen: 140.493 ng

RT: 5.61 min Scan# 395

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA\_G

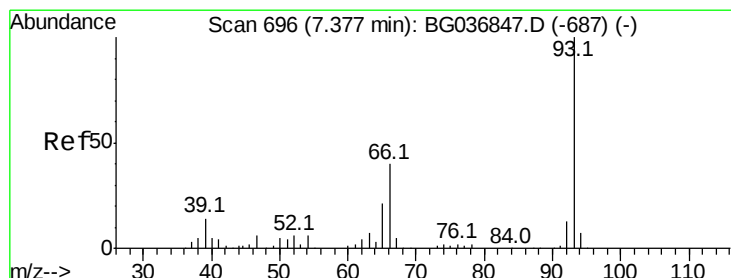
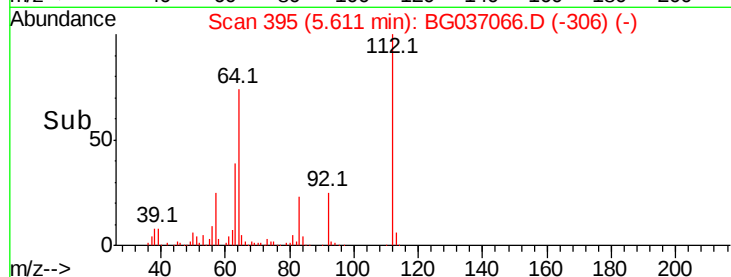
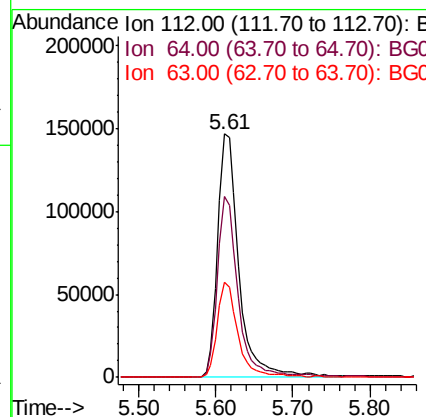
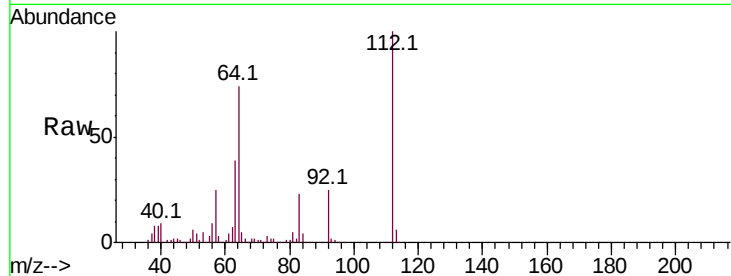
ClientSampleId :

PB113331BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 280724 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 74.3  | 57.2  | 85.8   |
| 63        | 38.9  | 30.8  | 46.2   |

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#6

Aniline

Concen: 28.771 ng

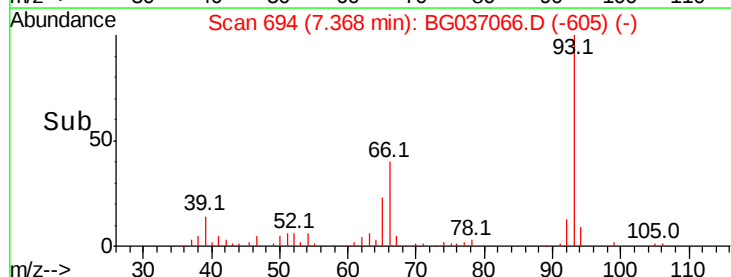
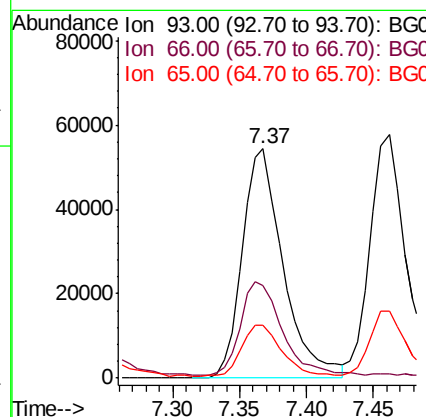
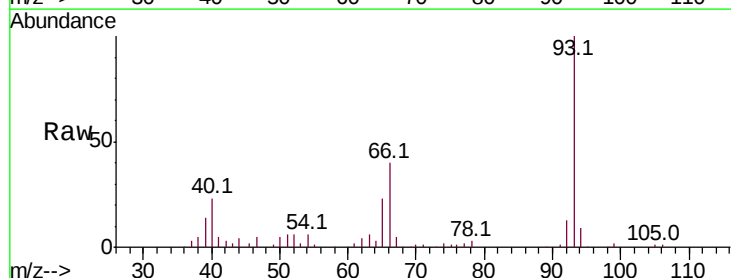
RT: 7.37 min Scan# 694

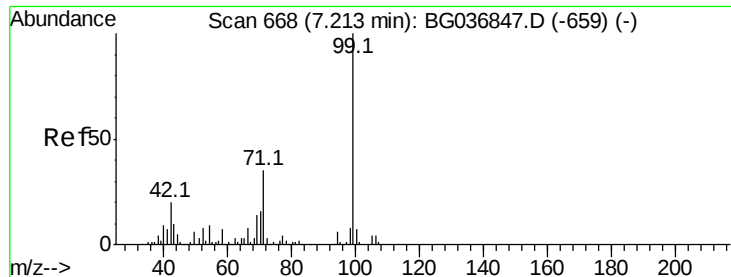
Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 115410 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 40.2  | 35.0  | 52.4   |
| 65        | 22.9  | 17.6  | 26.4   |





#7

Phenol-d6

Concen: 126.289 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA\_G

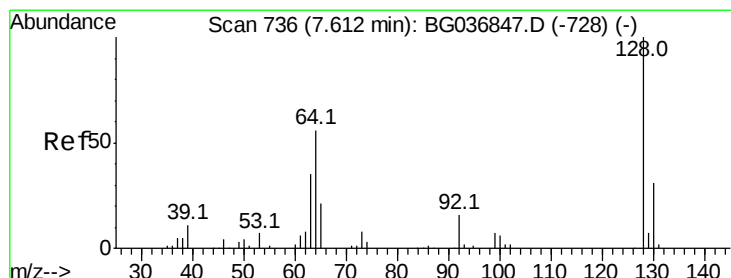
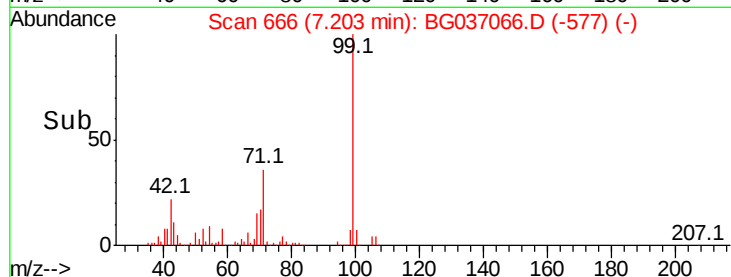
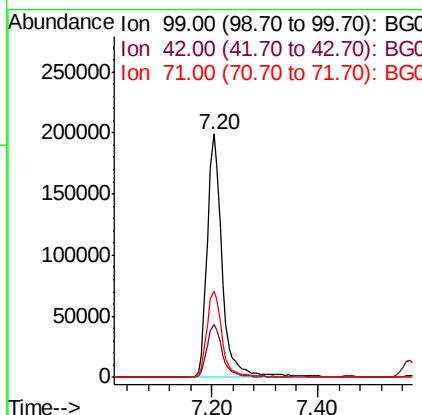
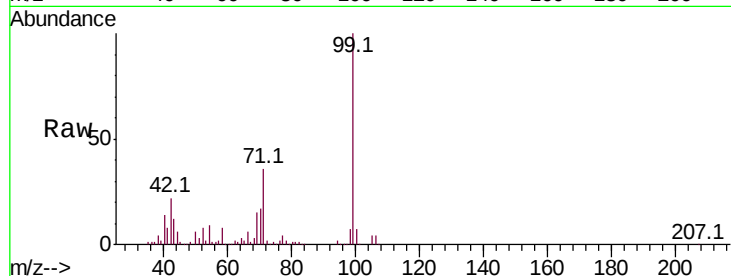
ClientSampleId :

PB113331BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 390417 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 22.0  | 16.5  | 24.7   |
| 71        | 35.6  | 29.4  | 44.2   |

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#8

2-Chlorophenol

Concen: 47.354 ng

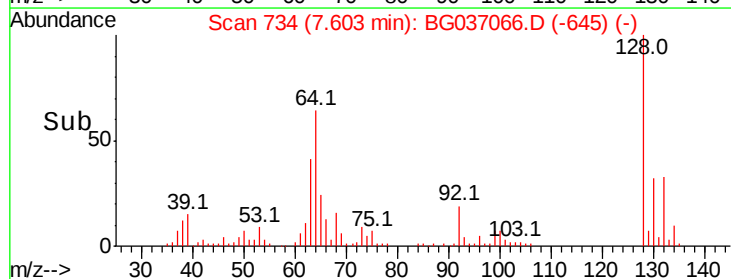
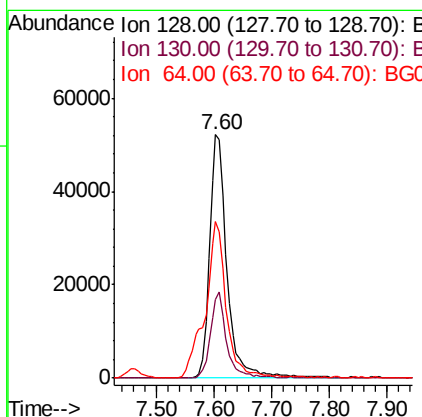
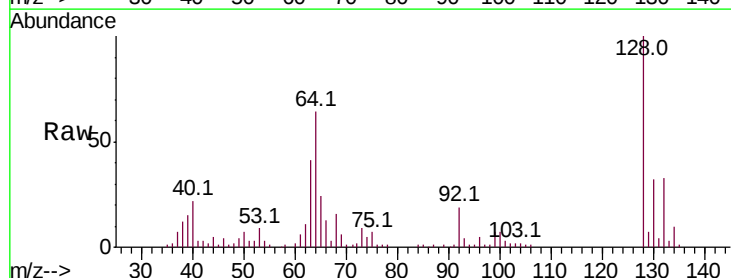
RT: 7.60 min Scan# 734

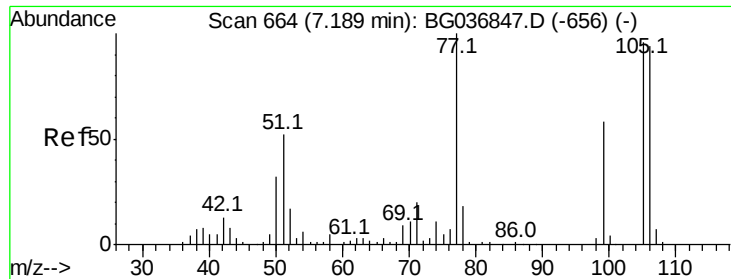
Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 109865 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.4  | 10.0  | 50.0   |
| 64        | 64.3  | 36.0  | 76.0   |





#9

Benzaldehyde

Concen: 33.601 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA\_G

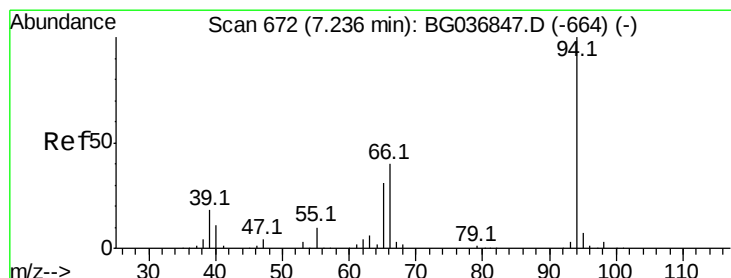
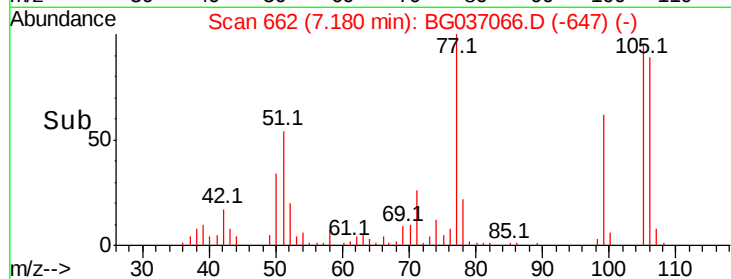
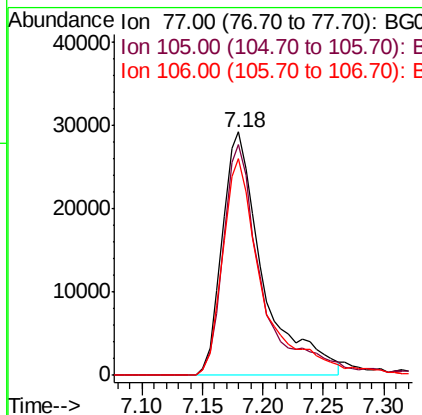
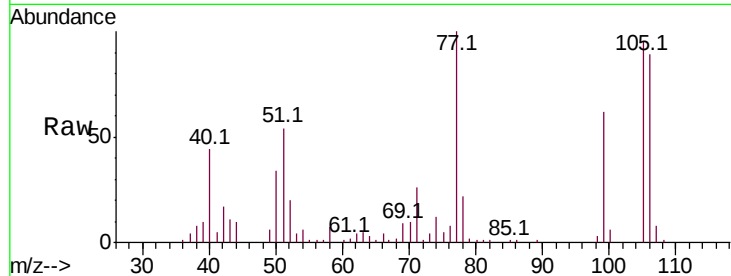
ClientSampleId :

PB113331BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 68639 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 94.8  | 70.5  | 110.5 |
| 106      | 88.8  | 69.8  | 109.8 |

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#10

Phenol

Concen: 46.388 ng

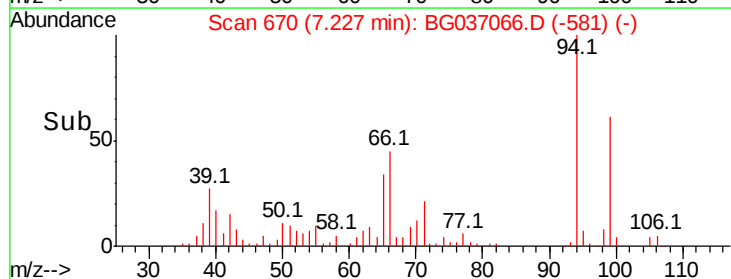
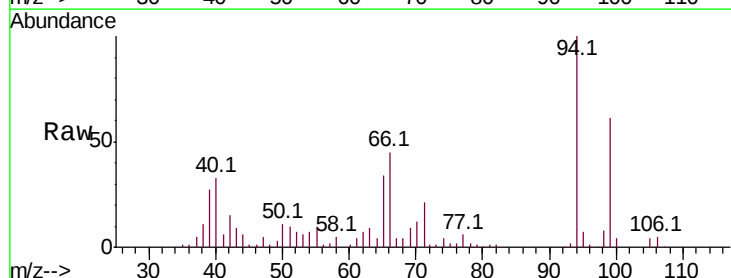
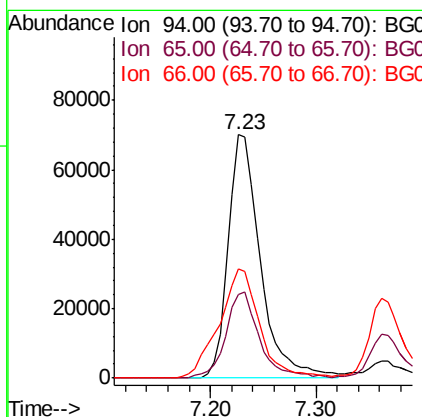
RT: 7.23 min Scan# 670

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 148002 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 34.3  | 11.5  | 51.5   |
| 66       | 44.7  | 19.5  | 59.5   |





#11

bis(2-Chloroethyl)ether

Concen: 38.757 ng

RT: 7.46 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA\_G

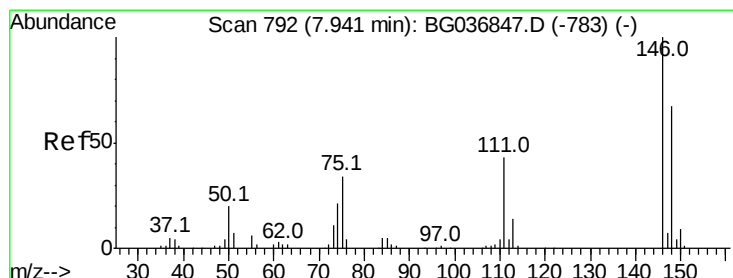
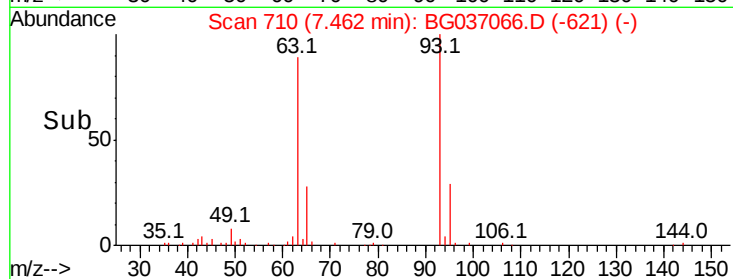
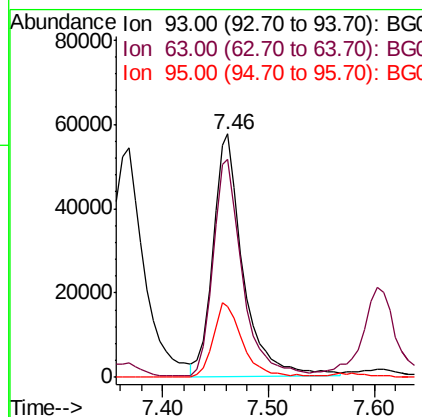
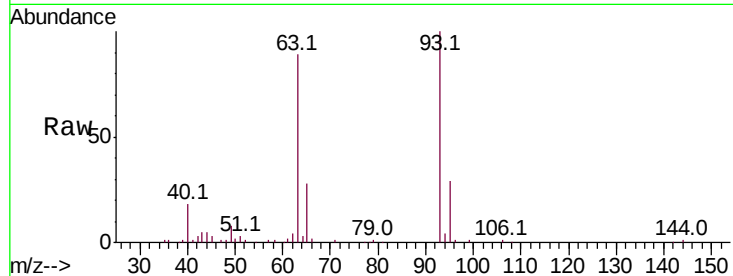
ClientSampleId :

PB113331BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 114383 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 89.3  | 69.9  | 109.9  |
| 95       | 29.3  | 11.7  | 51.7   |

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#12

1,3-Dichlorobenzene

Concen: 40.759 ng

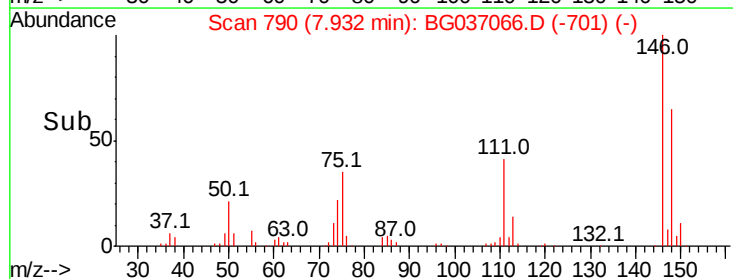
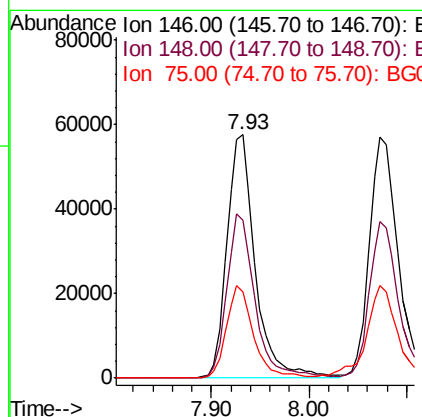
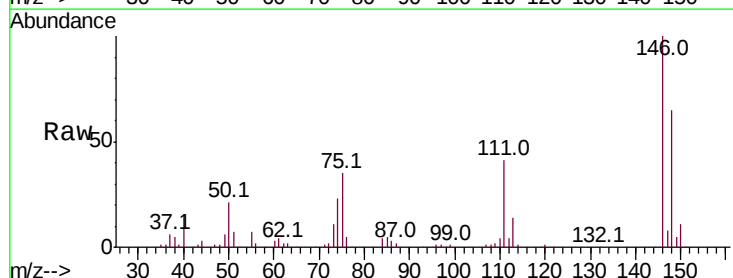
RT: 7.93 min Scan# 790

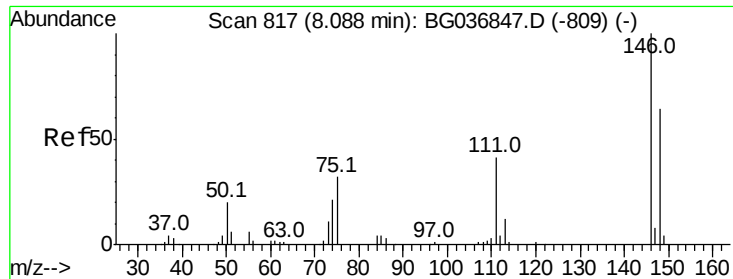
Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 115934 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.9  | 53.8  | 80.6   |
| 75       | 35.2  | 27.2  | 40.8   |





#13

1,4-Dichlorobenzene

Concen: 40.457 ng

RT: 8.07 min Scan# 814

Delta R.T. -0.02 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA\_G

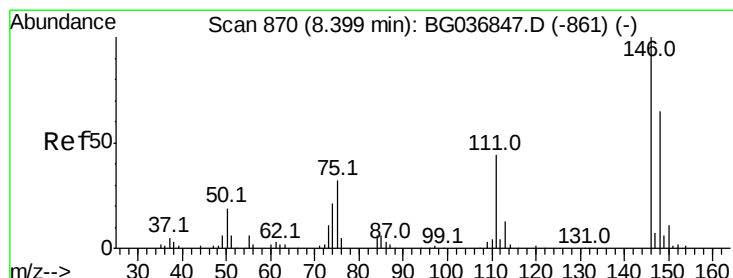
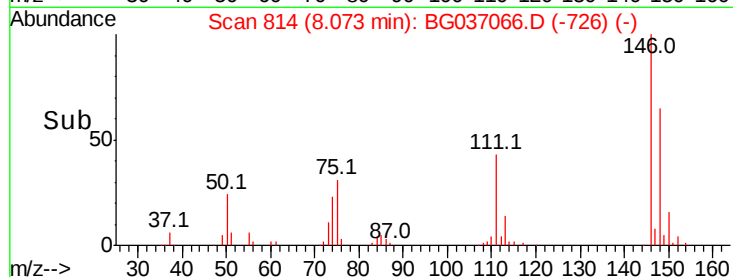
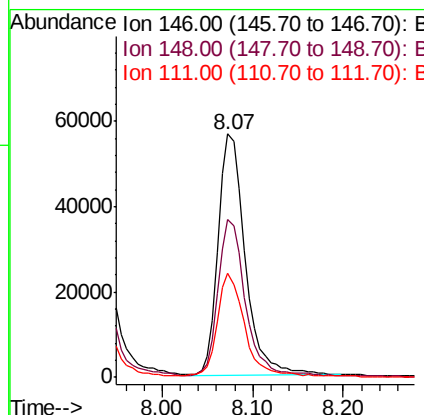
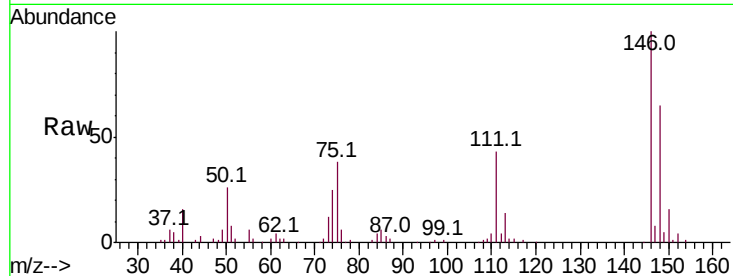
ClientSampleId :

PB113331BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 117763 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 65.0  | 53.9  | 80.9   |
| 111       | 43.0  | 33.8  | 50.6   |

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#14

1,2-Dichlorobenzene

Concen: 40.302 ng

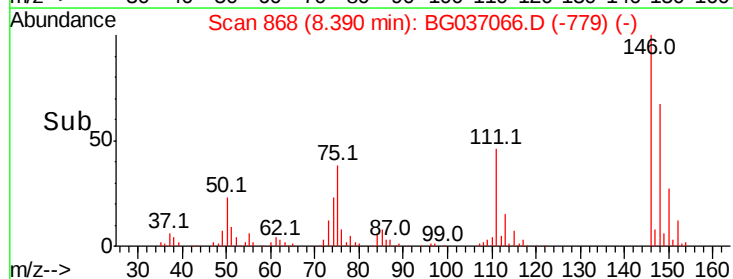
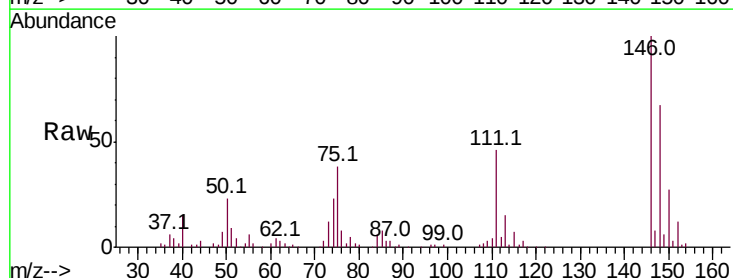
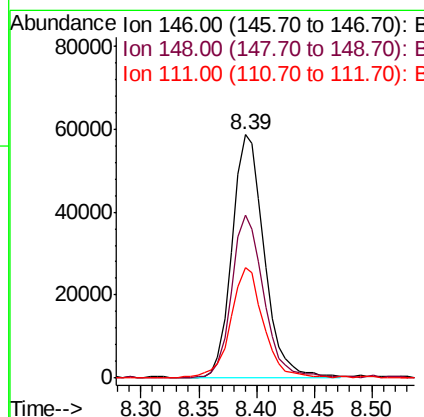
RT: 8.39 min Scan# 868

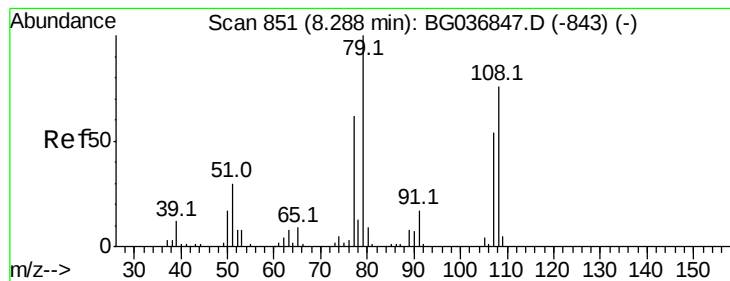
Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 113683 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.8  | 55.0  | 82.6   |
| 111       | 45.6  | 34.6  | 51.8   |





#15

Benzyl Alcohol

Concen: 39.953 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA\_G

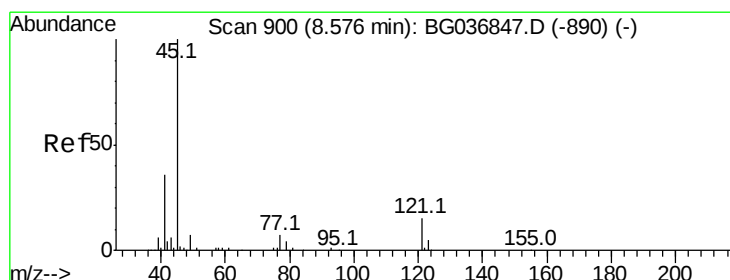
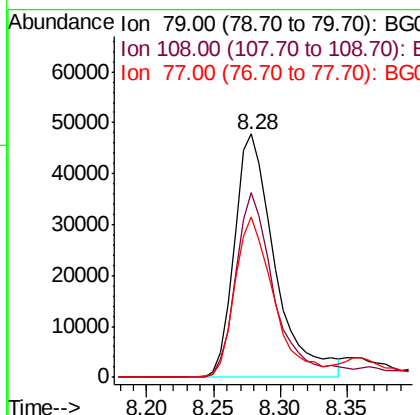
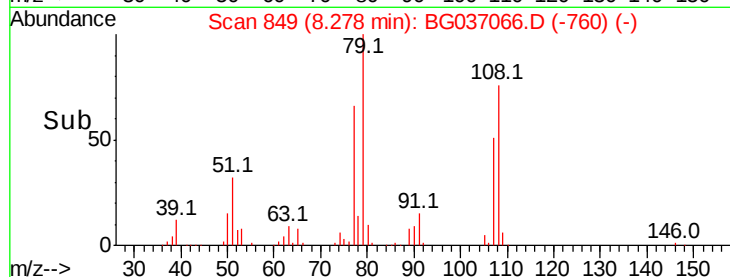
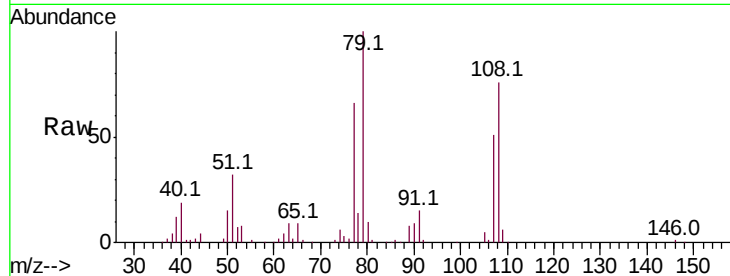
ClientSampleId :

PB113331BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 100221 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 75.9  | 55.9  | 83.9   |
| 77        | 65.9  | 50.0  | 75.0   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.782 ng

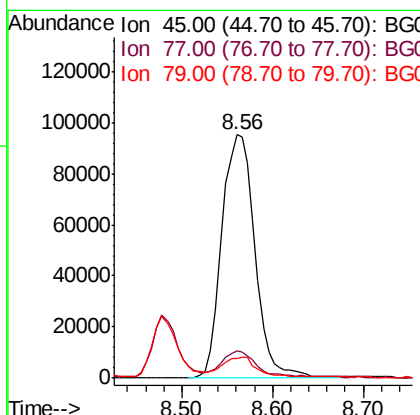
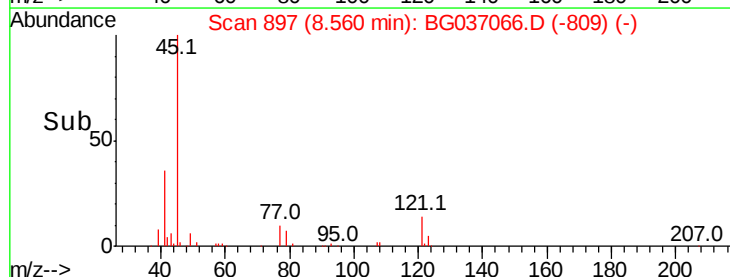
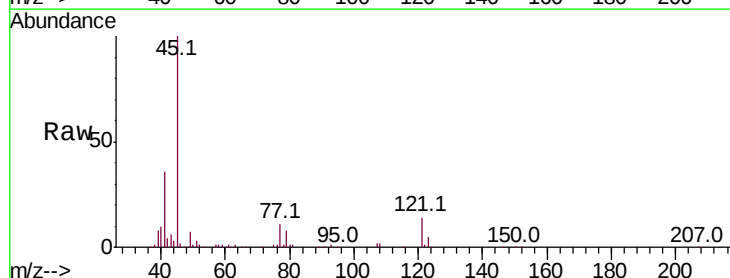
RT: 8.56 min Scan# 897

Delta R.T. -0.02 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 242408 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 11.3  | 0.0   | 30.5   |
| 79        | 7.9   | 0.0   | 27.9   |





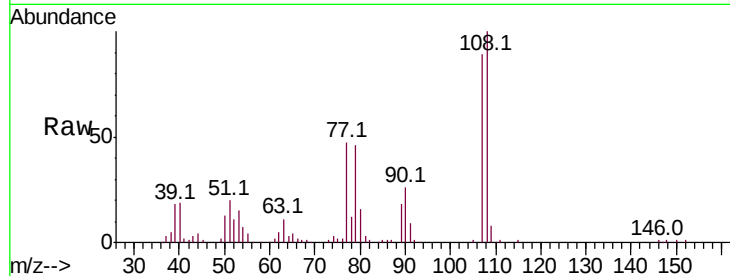
#17  
2-Methylphenol  
Concen: 42.515 ng  
RT: 8.48 min Scan# 883  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampled :  
PB113331BSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 94486 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 112.2 | 86.7  | 130.1 |
| 77        | 53.0  | 39.0  | 58.4  |
| 79        | 51.3  | 36.6  | 54.8  |

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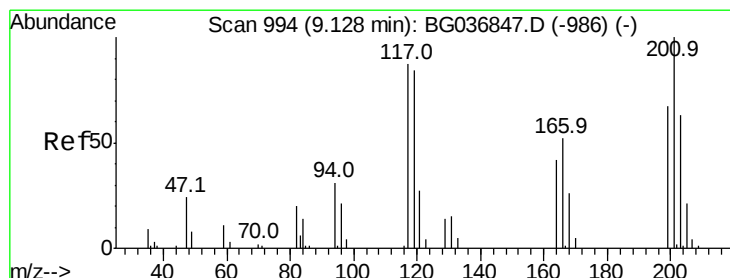
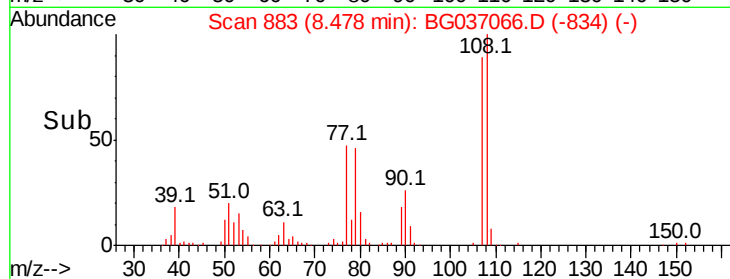
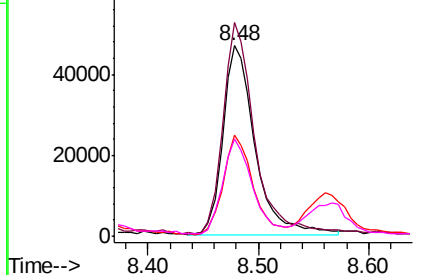
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 43.171 ng  
RT: 9.12 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

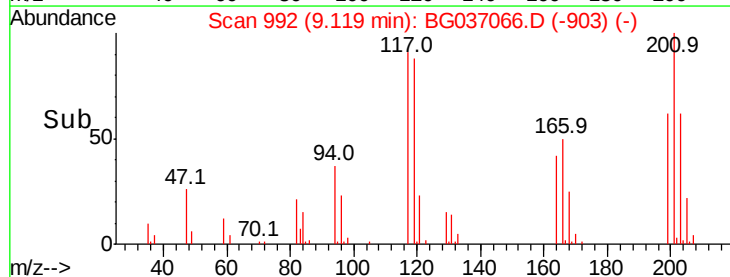
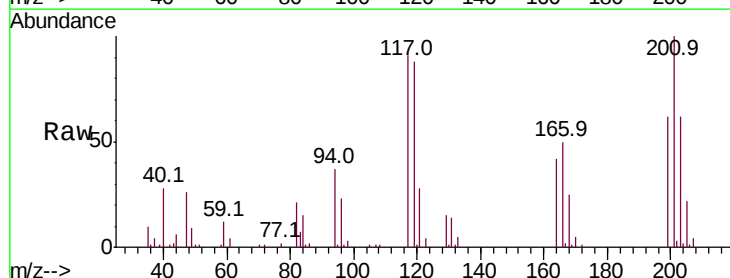
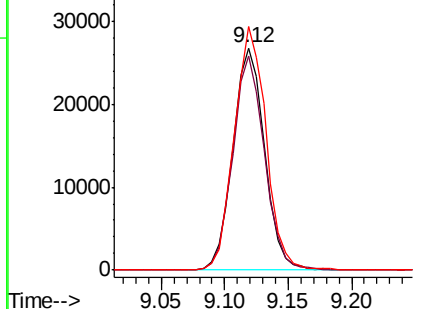
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 46244 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 96.1  | 76.8  | 115.2 |
| 201       | 109.5 | 85.7  | 128.5 |

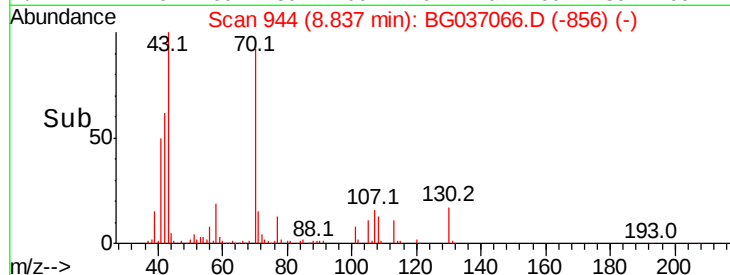
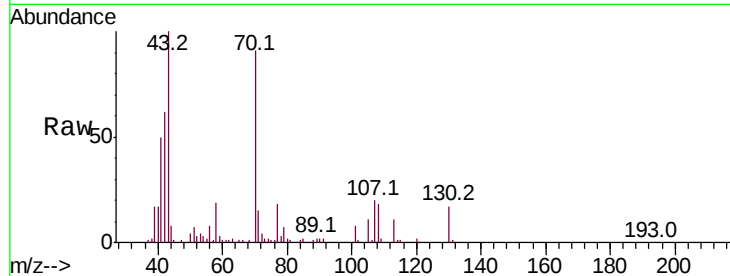
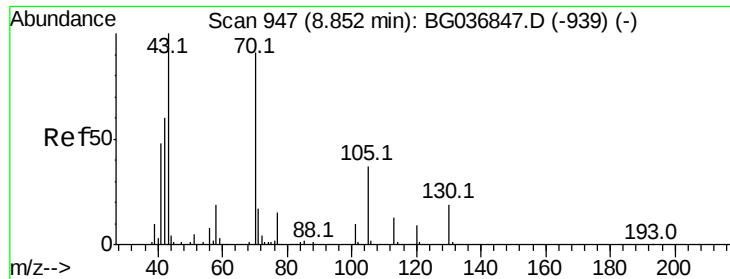
Abundance

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





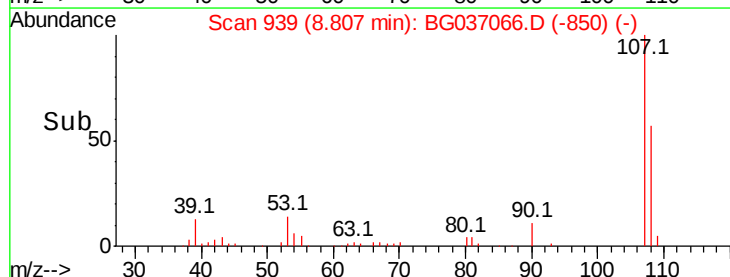
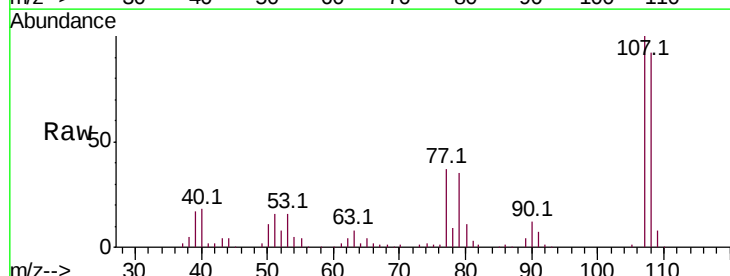
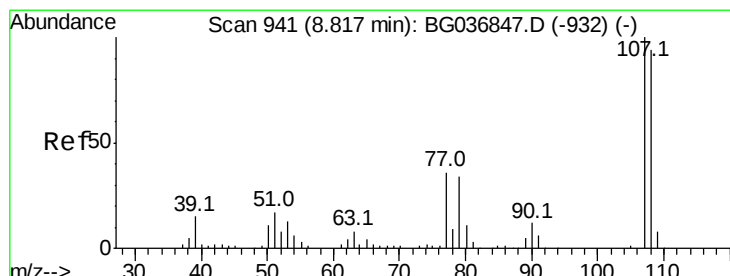
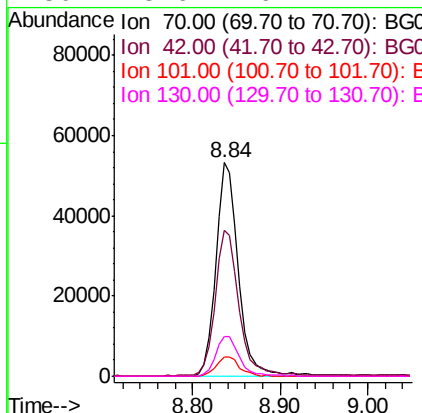
#19  
n-Nitroso-di-n-propylamine  
Concen: 36.895 ng  
RT: 8.84 min Scan# 944  
Delta R.T. -0.02 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 70      | 100  |       | 94884 |       |       |
| 42      | 68.3 | 56.2  | 84.4  |       |       |
| 101     | 9.0  | 7.8   | 11.6  |       |       |
| 130     | 18.6 | 16.2  | 24.2  |       |       |

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

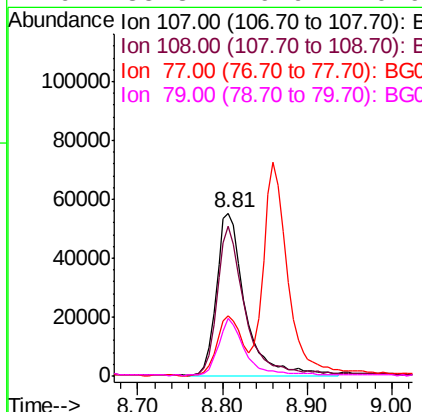
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#20  
3+4-Methylphenols  
Concen: 42.047 ng  
RT: 8.81 min Scan# 939  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 107     | 100  |       | 129999 |       |       |
| 108     | 91.9 | 68.0  | 108.0  |       |       |
| 77      | 36.7 | 15.6  | 55.6   |       |       |
| 79      | 35.3 | 9.9   | 49.9   |       |       |





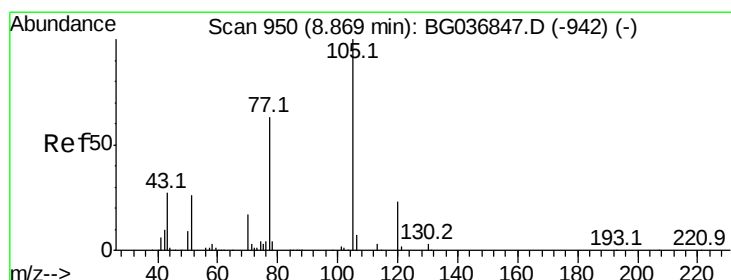
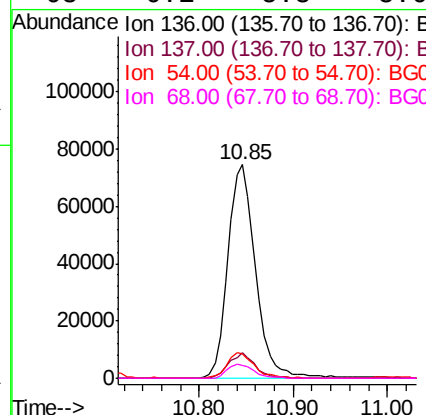
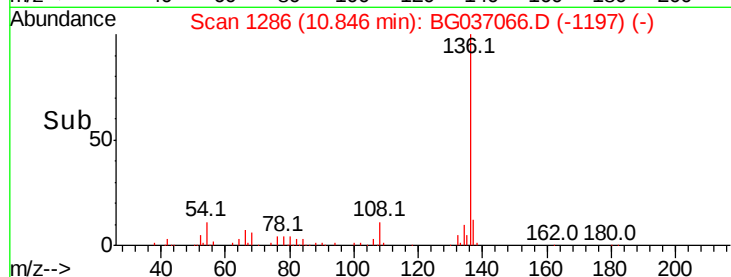
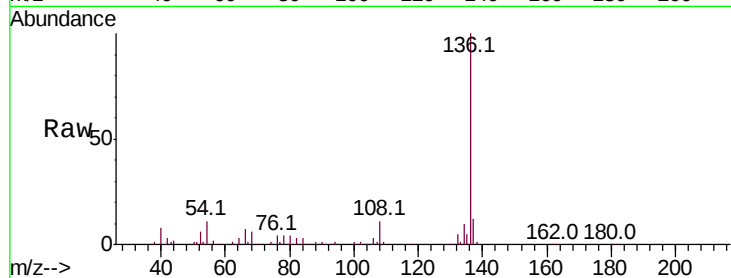
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.85 min Scan# 1286  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.9  | 8.8  | 13.2  |       |
| 54      | 11.4  | 9.2  | 13.8  |       |
| 68      | 6.1   | 5.8  | 8.6   |       |

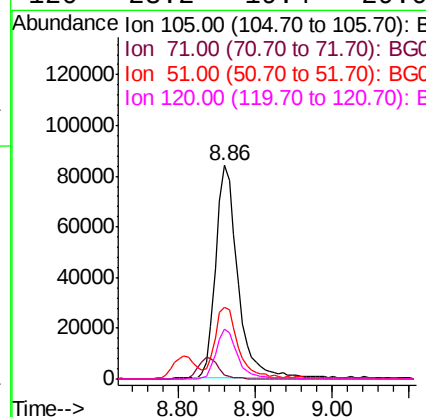
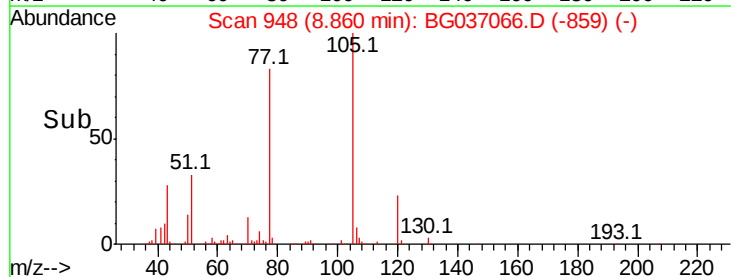
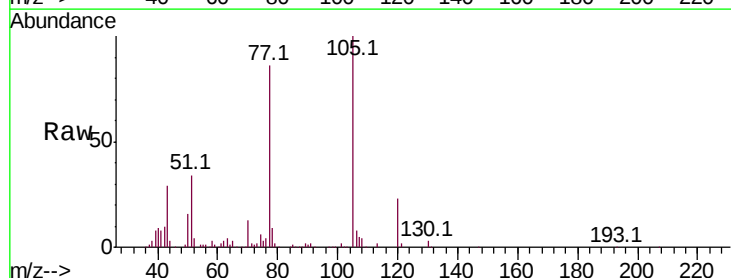
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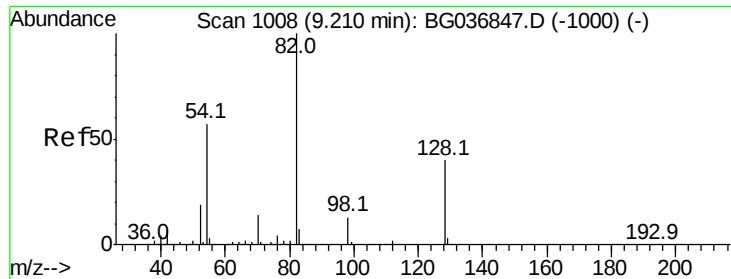
Sohil  
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#22  
Acetophenone  
Concen: 46.533 ng  
RT: 8.86 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 2.1   | 2.4  | 3.6#  |       |
| 51      | 33.8  | 25.9 | 38.9  |       |
| 120     | 23.2  | 19.4 | 29.0  |       |





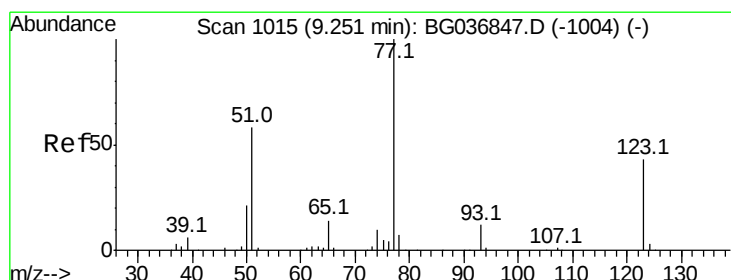
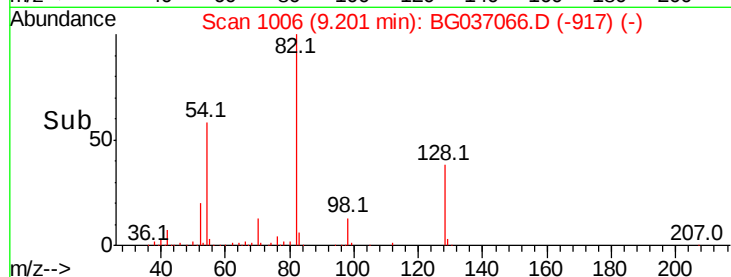
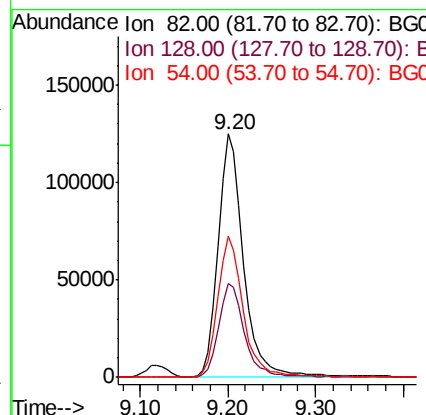
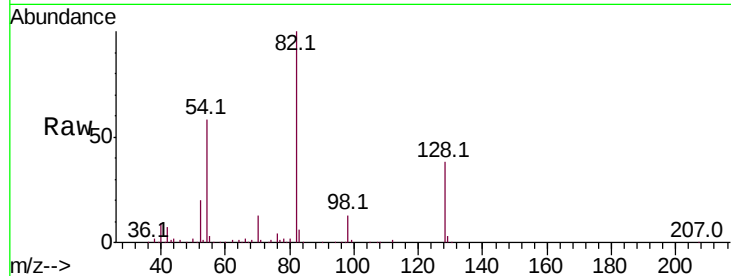
#23  
Nitrobenzene-d5  
Concen: 88.127 ng  
RT: 9.20 min Scan# 1006  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 250094 |       |       |
| 128     | 38.3  | 33.3   | 49.9  |       |
| 54      | 58.1  | 45.1   | 67.7  |       |

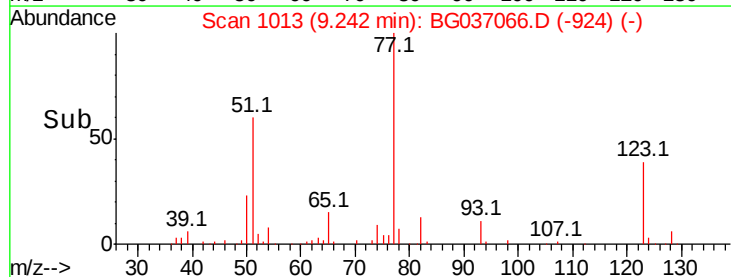
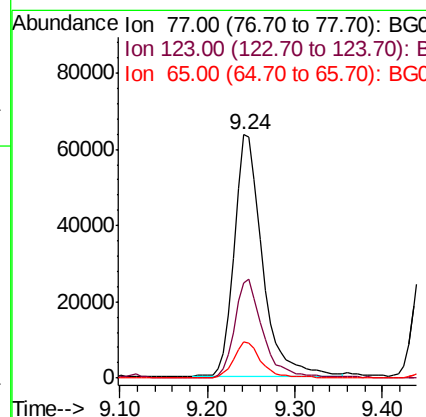
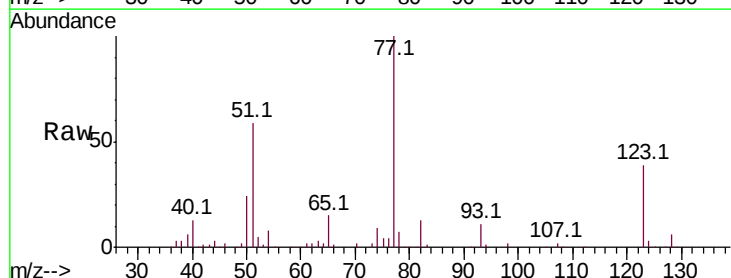
Manual Integrations  
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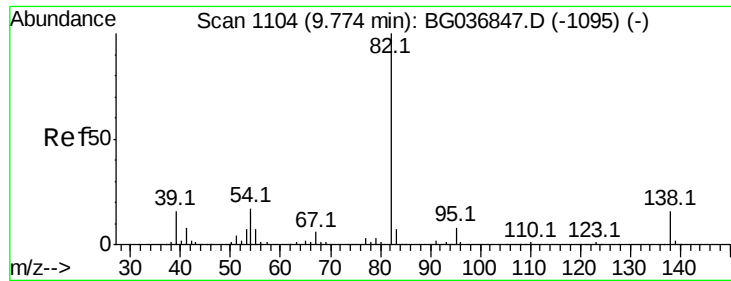
Sohil  
10/1/2018 11:42:35 AM



#24  
Nitrobenzene  
Concen: 46.149 ng  
RT: 9.24 min Scan# 1013  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 139859 |       |       |
| 123     | 38.9  | 32.4   | 48.6  |       |
| 65      | 15.0  | 11.5   | 17.3  |       |





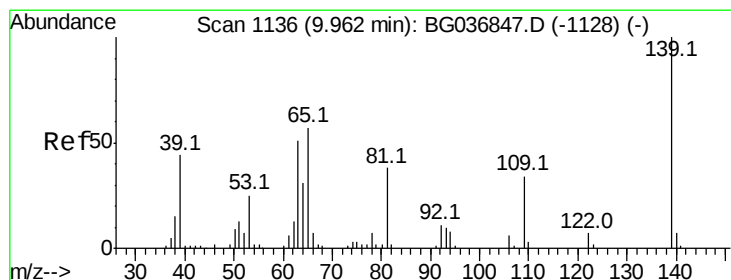
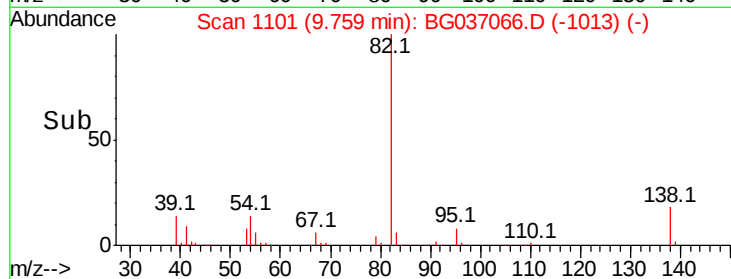
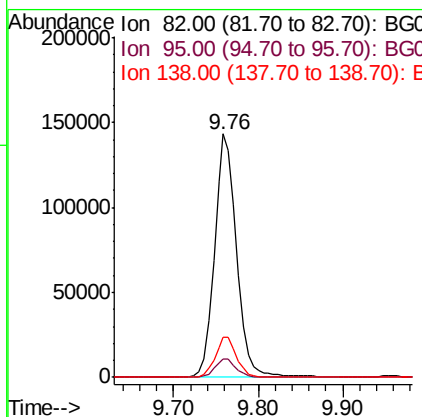
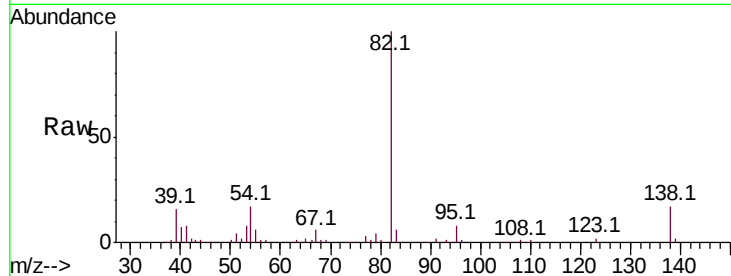
#25  
Isophorone  
Concen: 50.433 ng  
RT: 9.76 min Scan# 1101  
Delta R.T. -0.02 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 261516 |       |       |
| 95      | 7.6   | 5.8    | 8.8   |       |
| 138     | 16.7  | 12.9   | 19.3  |       |

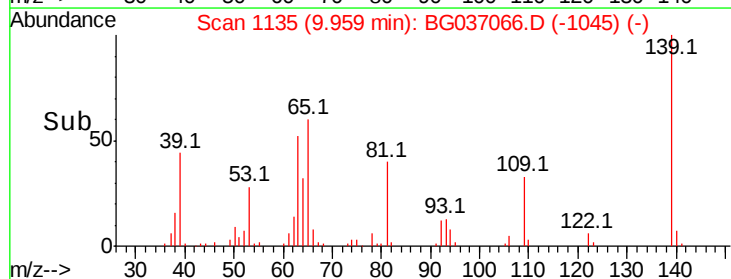
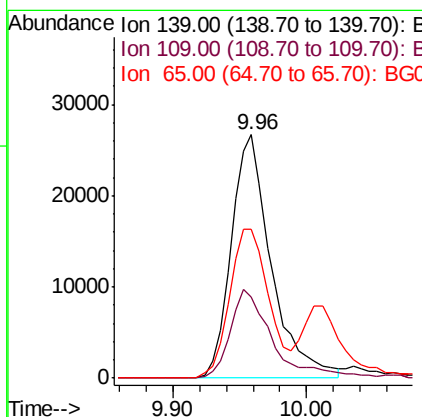
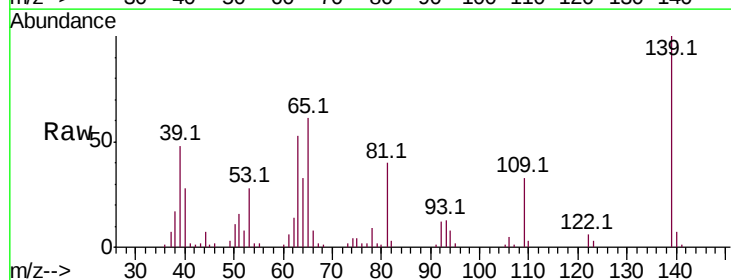
Manual Integrations  
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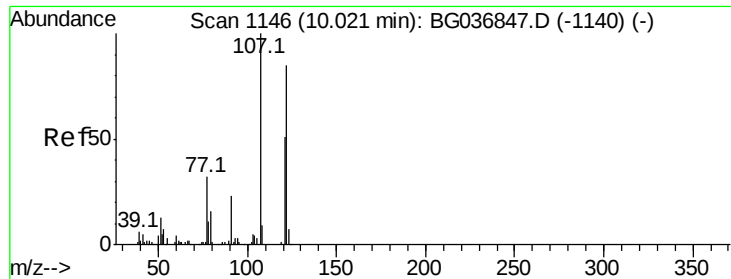
Sohil  
10/1/2018 11:42:35 AM



#26  
2-Nitrophenol  
Concen: 45.906 ng  
RT: 9.96 min Scan# 1135  
Delta R.T. -0.00 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 55454 |       |       |
| 109     | 33.3  | 27.4  | 41.0  |       |
| 65      | 61.2  | 47.8  | 71.6  |       |





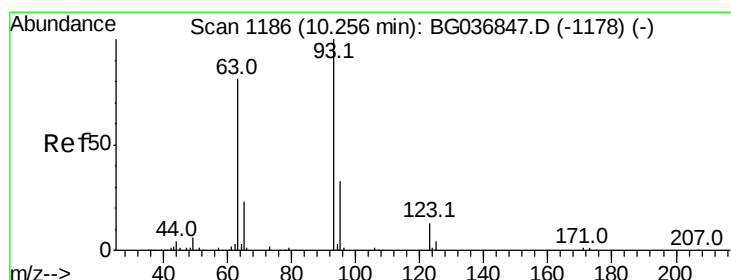
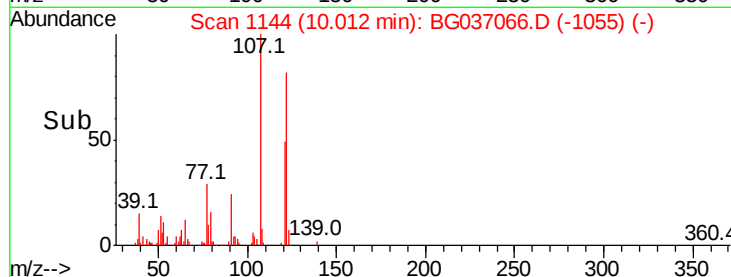
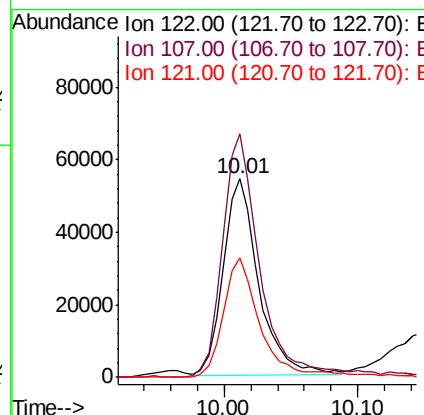
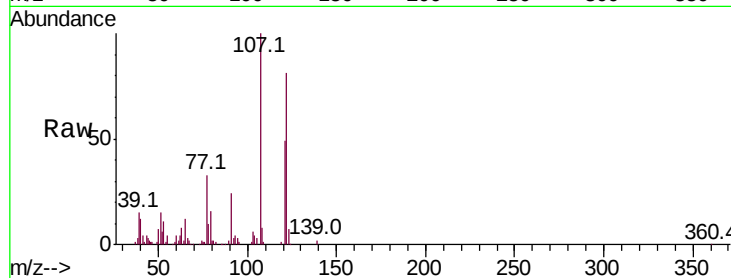
#27  
2,4-Dimethylphenol  
Concen: 54.264 ng  
RT: 10.01 min Scan# 1144  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 122     | 100   |      |       |       |
| 107     | 122.8 | 96.0 | 144.0 |       |
| 121     | 60.2  | 48.2 | 72.4  |       |

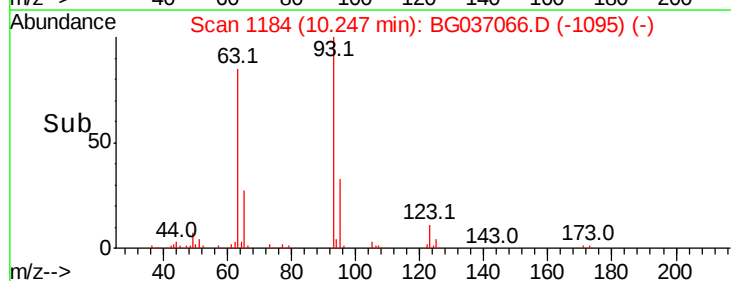
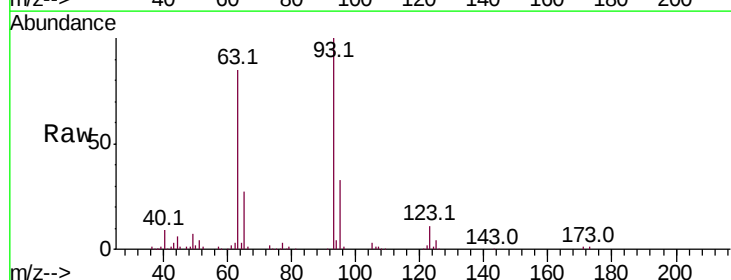
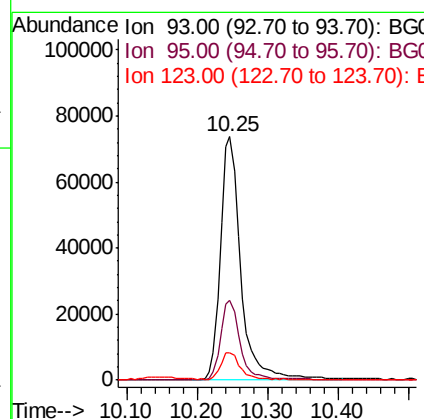
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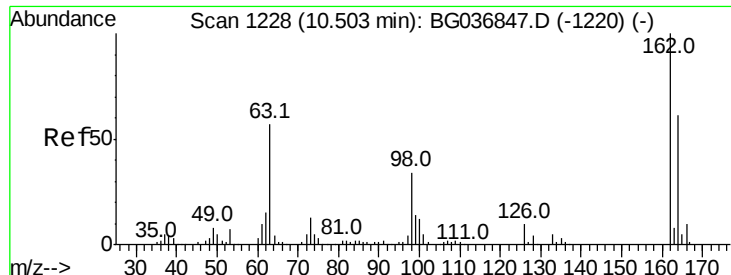
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#28  
bis(2-Chloroethoxy)methane  
Concen: 46.561 ng  
RT: 10.25 min Scan# 1184  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 95      | 32.7  | 25.2 | 37.8  |       |
| 123     | 11.4  | 8.6  | 12.8  |       |





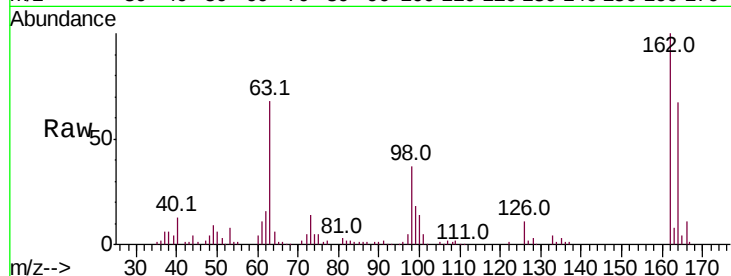
#29  
 2,4-Dichlorophenol  
 Concen: 50.035 ng  
 RT: 10.49 min Scan# 1226  
 Delta R.T. -0.01 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 164     | 66.6  | 47.6       | 87.6  |
| 98      | 37.5  | 19.2       | 59.2  |

Manual Integrations  
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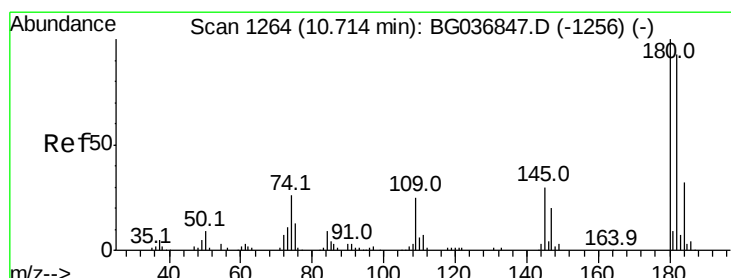
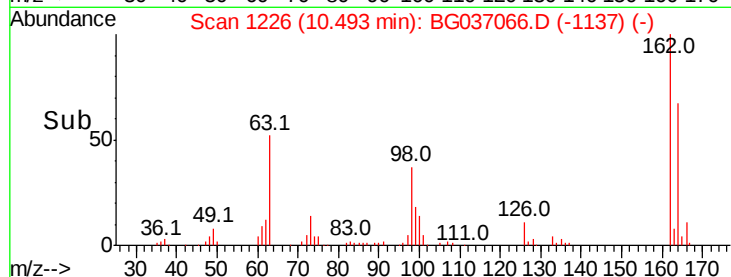
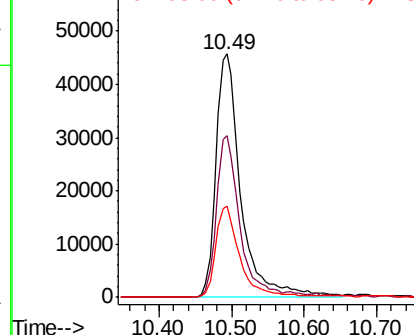


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.796 ng  
 RT: 10.71 min Scan# 1262  
 Delta R.T. -0.01 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

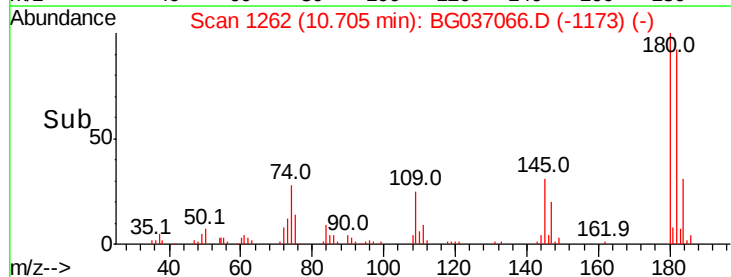
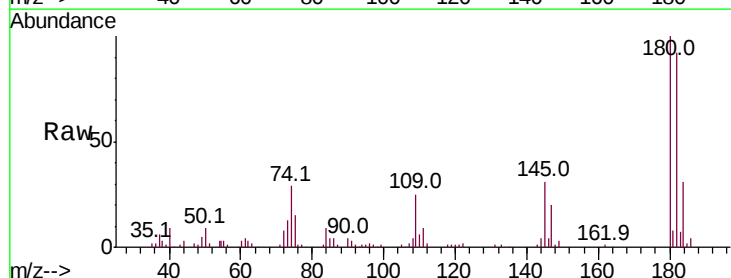
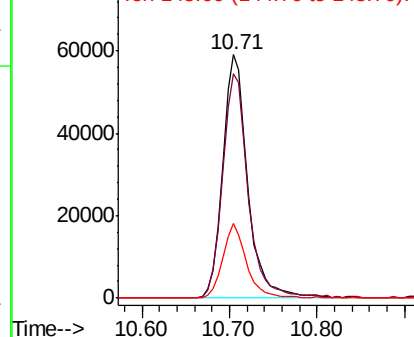
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 180     | 100   |            |       |
| 182     | 92.0  | 76.0       | 114.0 |
| 145     | 30.9  | 22.9       | 34.3  |

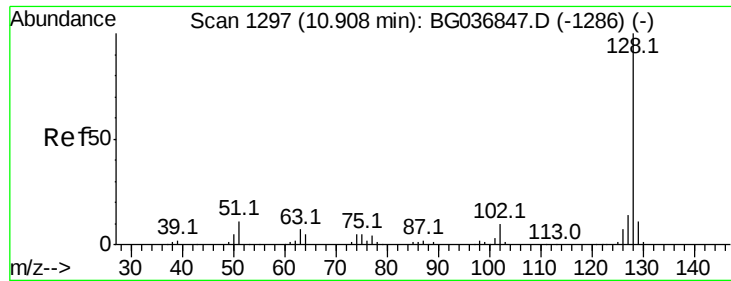
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





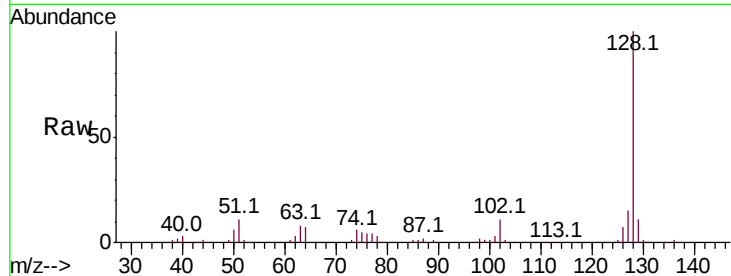
#31  
Naphthalene  
Concen: 48.062 ng  
RT: 10.89 min Scan# 1294  
Delta R.T. -0.02 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

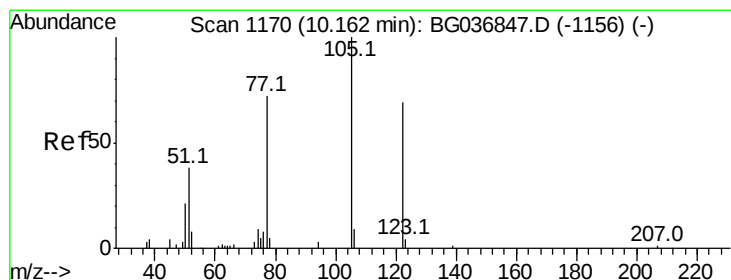
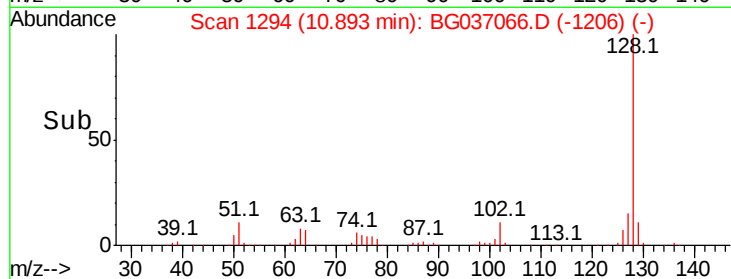
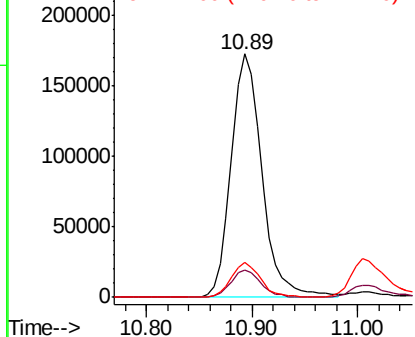
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.1  | 9.4   | 14.2  |
| 127     | 14.6  | 11.0  | 16.4  |

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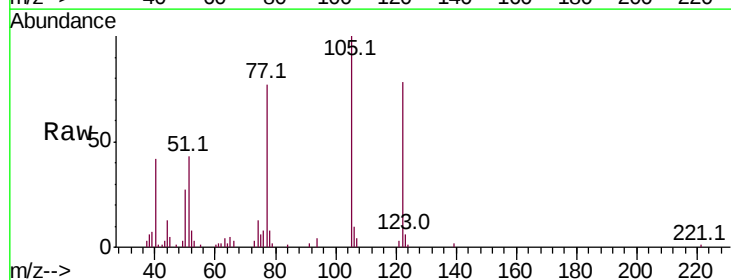


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

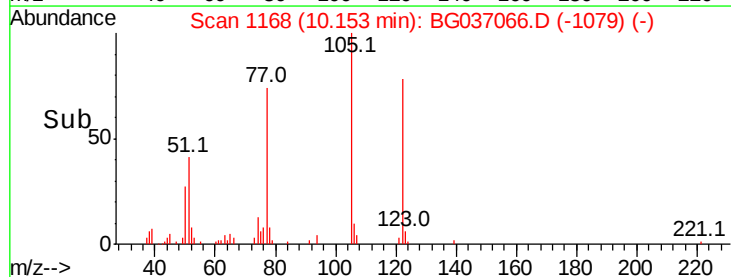
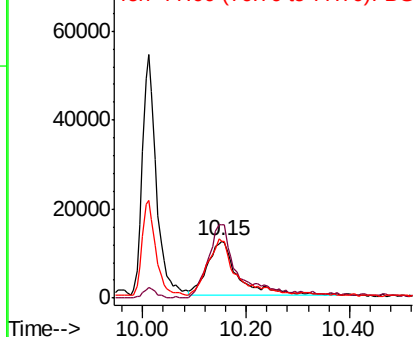


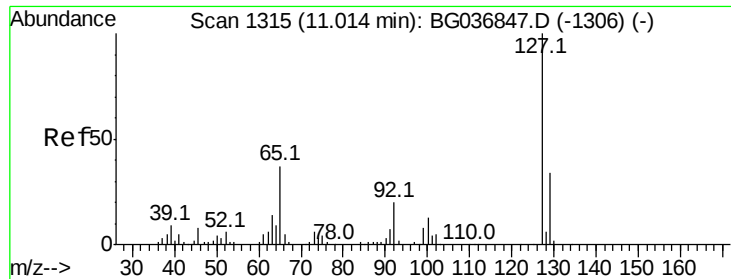
#32  
Benzoic acid  
Concen: 36.747 ng m  
RT: 10.15 min Scan# 1168  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 128.9 | 108.1 | 148.1 |
| 77      | 98.8  | 76.3  | 116.3 |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG





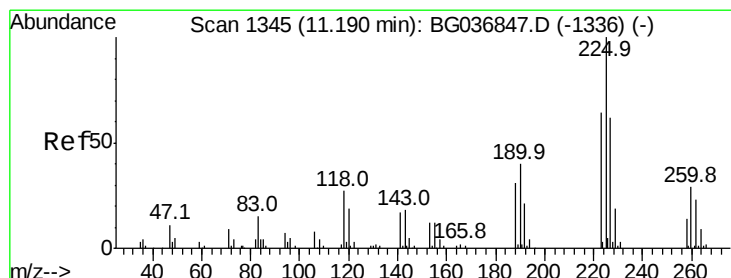
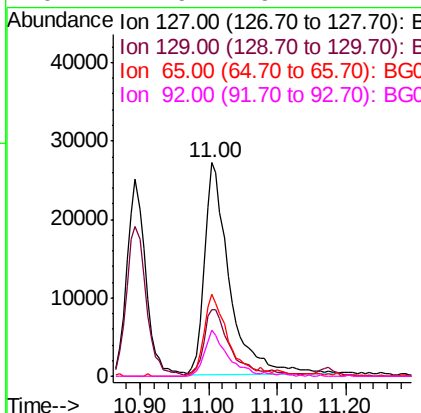
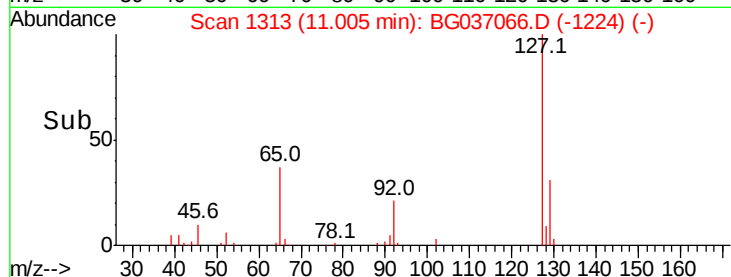
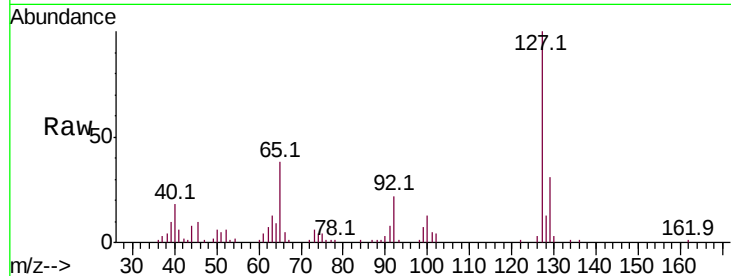
#33  
4-Chloroaniline  
Concen: 21.043 ng  
RT: 11.00 min Scan# 1313  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.0  | 25.9  | 38.9  |
| 65      | 38.2  | 27.5  | 41.3  |
| 92      | 21.6  | 16.2  | 24.2  |

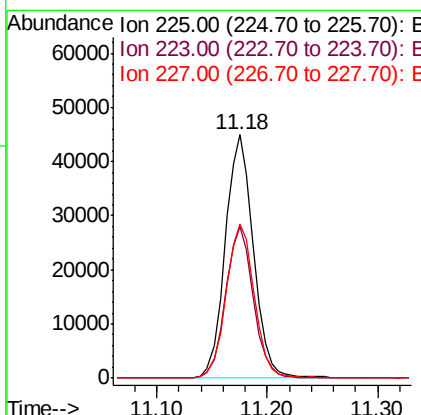
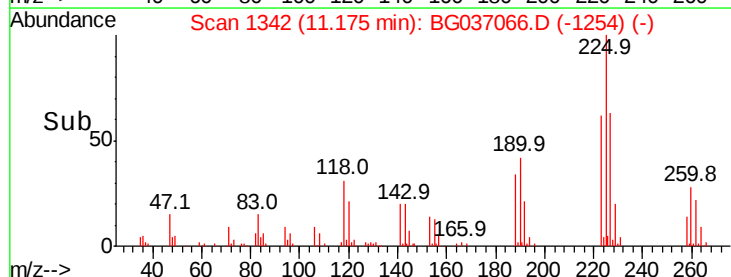
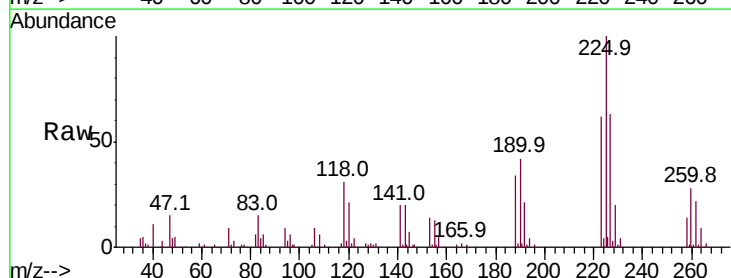
Manual Integrations  
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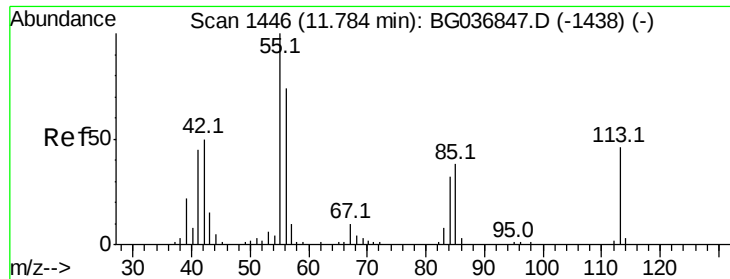
Sohil  
10/1/2018 11:42:35 AM



#34  
Hexachlorobutadiene  
Concen: 42.337 ng  
RT: 11.18 min Scan# 1342  
Delta R.T. -0.02 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.5  | 51.8  | 77.8  |
| 227     | 63.0  | 49.8  | 74.6  |





#35

Caprolactam

Concen: 49.987 ng/mL

RT: 11.78 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA\_G

ClientSampleId :

PB113331BSD

Tot Ion:113 Resp: 44878

Ion Ratio Lower Upper

113 100

55 223.0 197.7 237.7

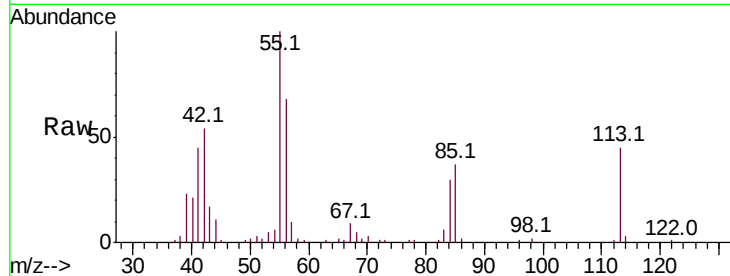
56 151.1 131.7 171.7

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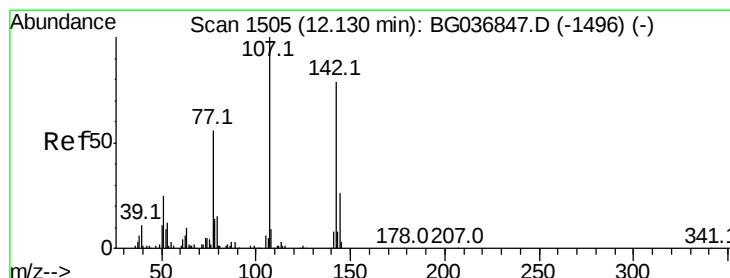
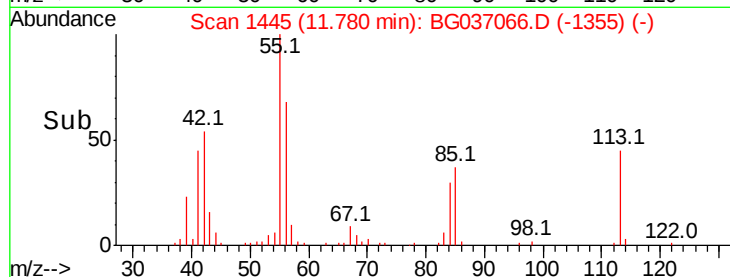
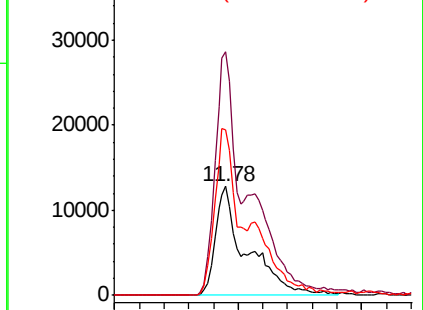
10/1/2018 11:42:35 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG036847.D (-1438) (-)

Ion 56.00 (55.70 to 56.70): BG036847.D (-1438) (-)



#36

4-Chloro-3-methylphenol

Concen: 50.841 ng/mL

RT: 12.12 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

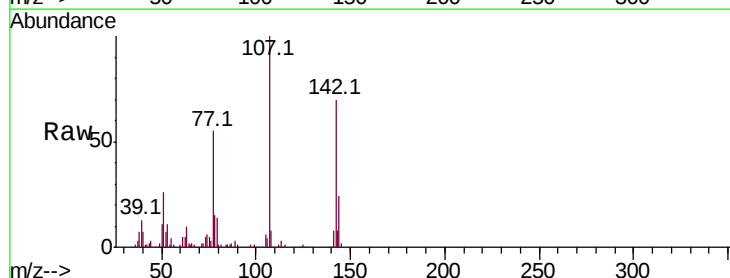
Tgt Ion:107 Resp: 132324

Ion Ratio Lower Upper

107 100

144 24.1 19.5 29.3

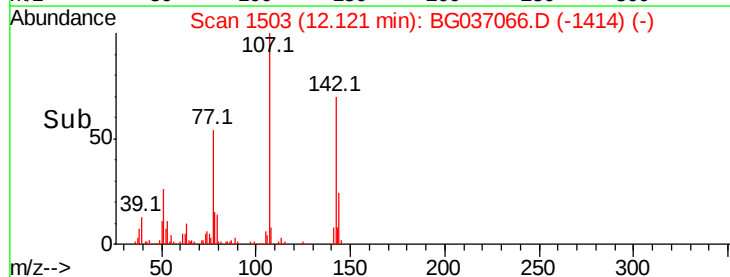
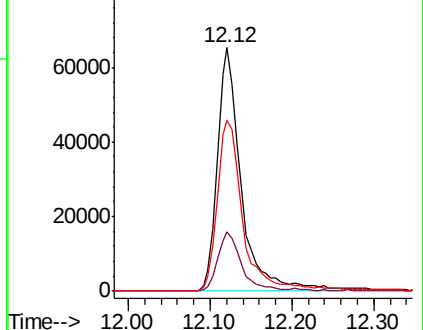
142 70.1 62.4 93.6

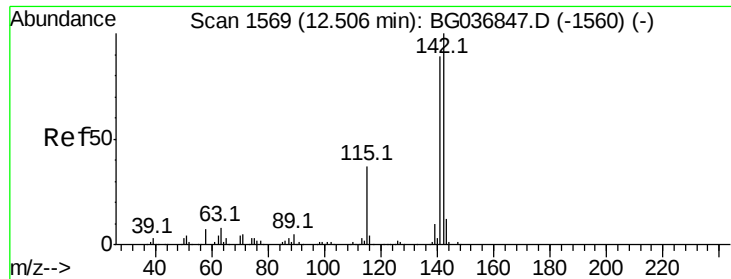


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





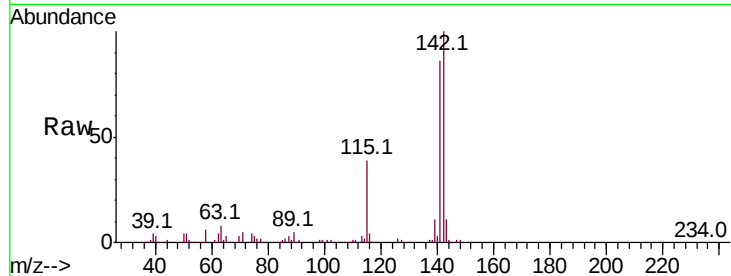
#37  
2-Methylnaphthalene  
Concen: 47.524 ng  
RT: 12.50 min Scan# 1567  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 261723 |       |       |
| 141     | 85.7  | 68.5   | 102.7 |       |
| 115     | 38.8  | 29.8   | 44.8  |       |

Manual Integrations  
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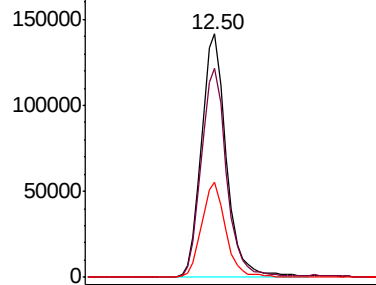


Abundance

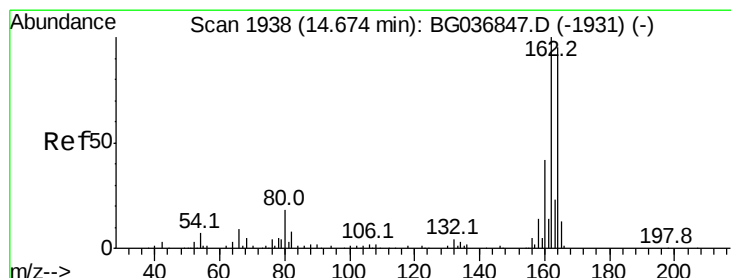
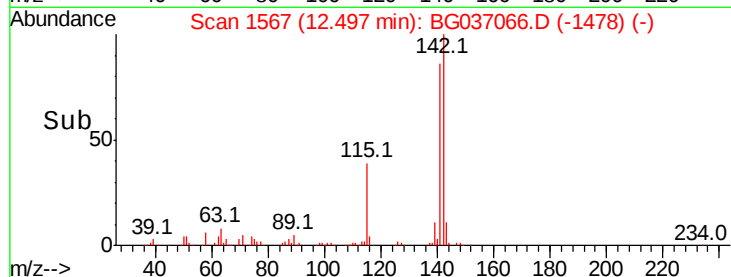
Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

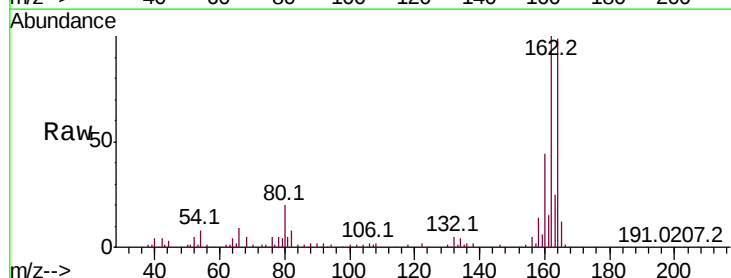


Time-->



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.67 min Scan# 1936  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 99051 |       |       |
| 162     | 100.8 | 80.7  | 121.1 |       |
| 160     | 44.0  | 35.3  | 52.9  |       |

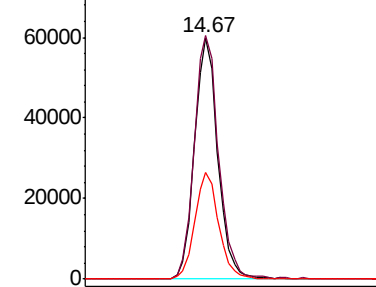


Abundance

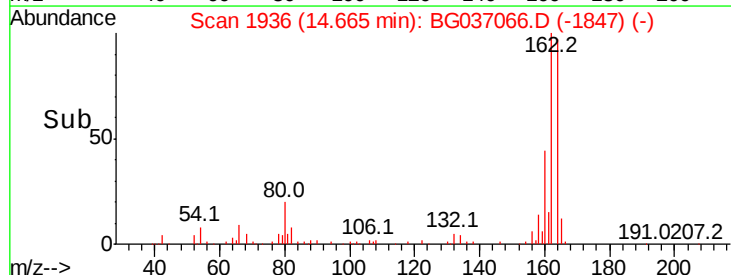
Ion 164.00 (163.70 to 164.70): E

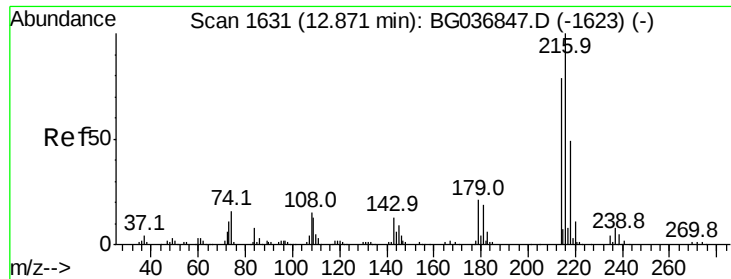
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->





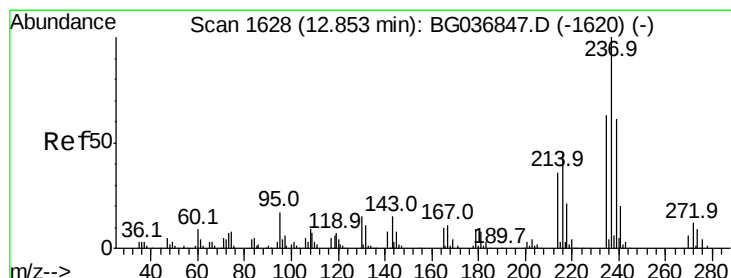
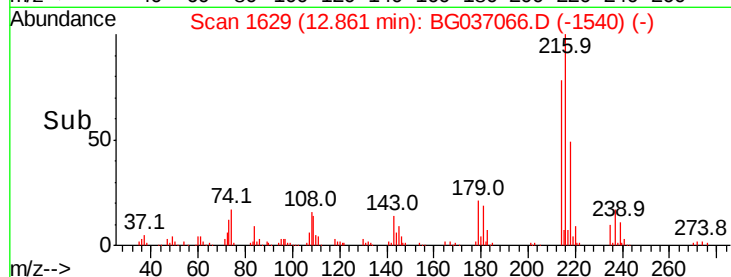
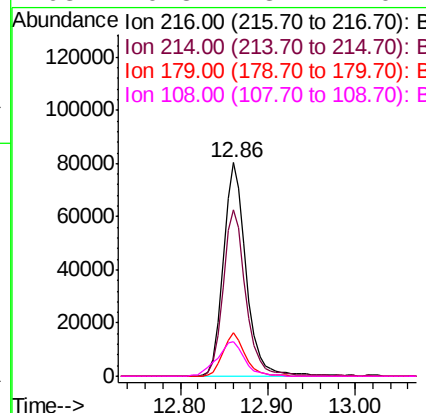
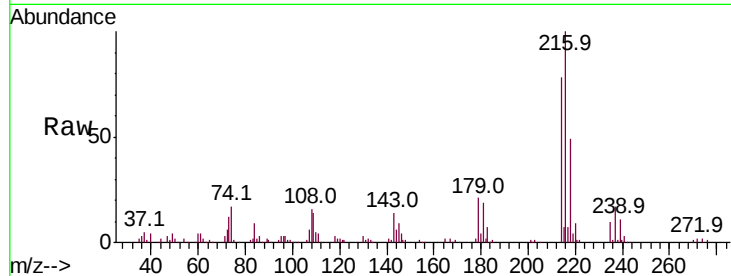
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.779 ng  
 RT: 12.86 min Scan# 1629  
 Delta R.T. -0.01 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 216     | 100   |            |       |
| 214     | 77.0  | 61.0       | 91.6  |
| 179     | 19.8  | 15.7       | 23.5  |
| 108     | 19.8  | 13.1       | 19.7  |

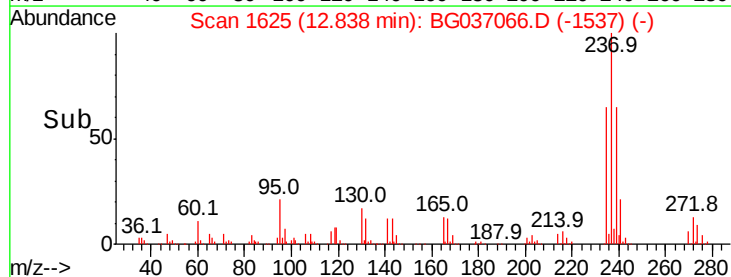
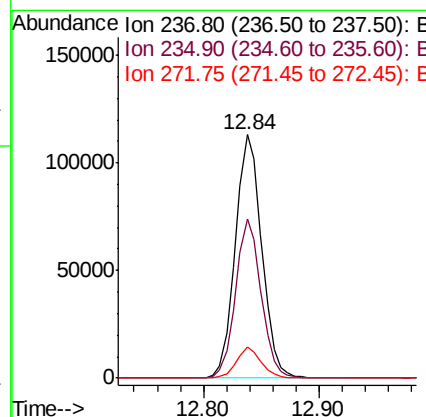
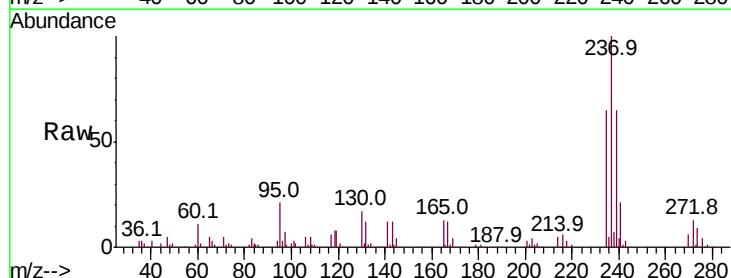
Manual Integrations  
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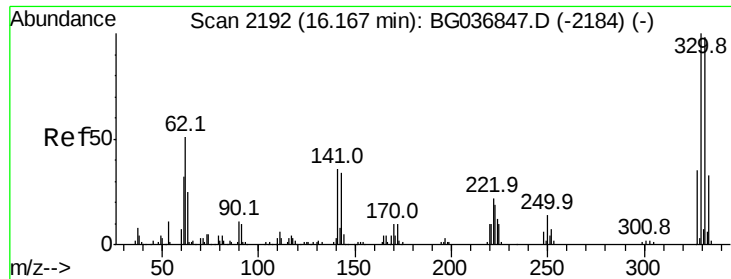
Sohil  
 10/1/2018 11:42:35 AM



#40  
 Hexachlorocyclopentadiene  
 Concen: 100.964 ng  
 RT: 12.84 min Scan# 1625  
 Delta R.T. -0.02 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 65.3  | 42.2       | 82.2  |
| 272     | 12.7  | 0.0        | 32.1  |





#41

2,4,6-Tribromophenol

Concen: 136.454 ng

RT: 16.16 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA\_G

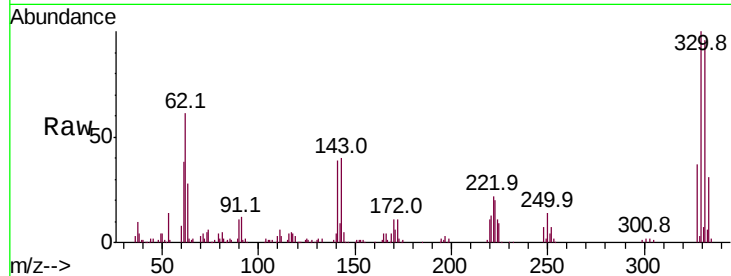
ClientSampled :

PB113331BSD

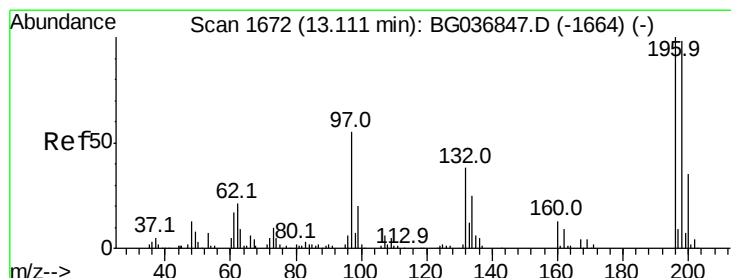
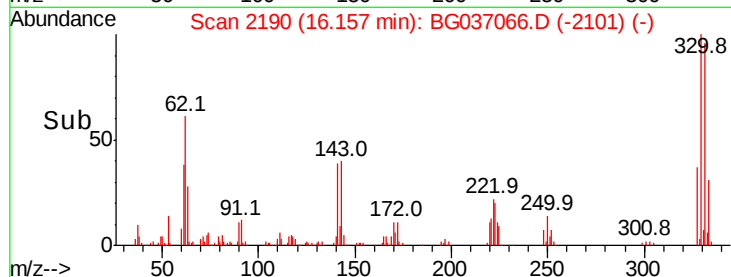
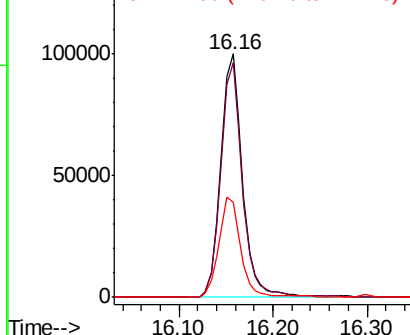
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 330   | Resp: | 161709 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.8  | 75.4  | 113.2  |
| 141       | 41.7  | 30.7  | 46.1   |

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Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 48.443 ng

RT: 13.10 min Scan# 1670

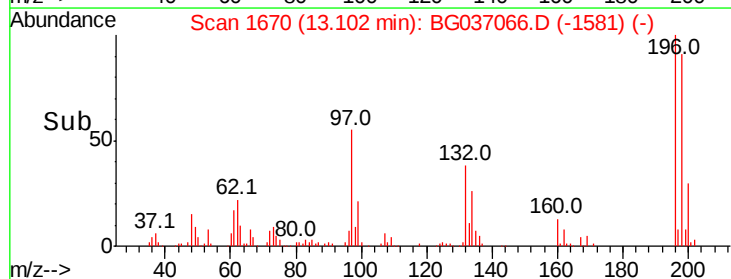
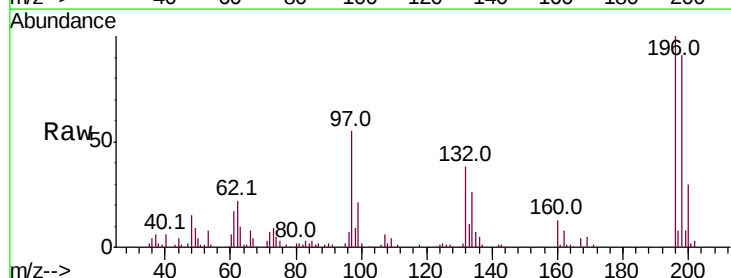
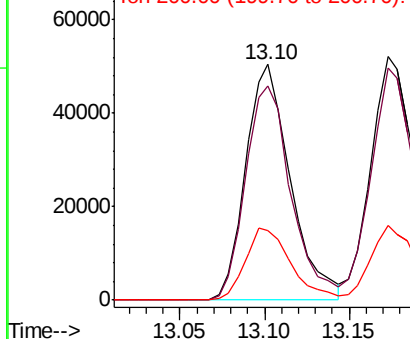
Delta R.T. -0.01 min

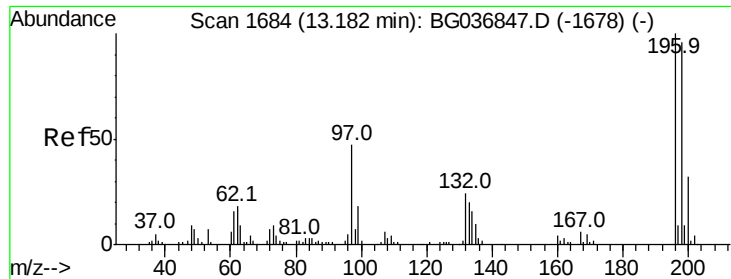
Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 196   | Resp: | 92935 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 90.8  | 77.2  | 115.8 |
| 200       | 29.8  | 26.3  | 39.5  |

Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E





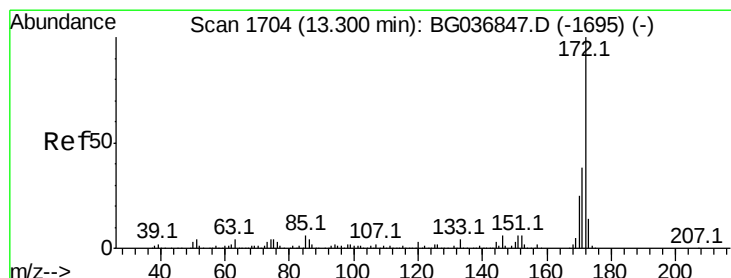
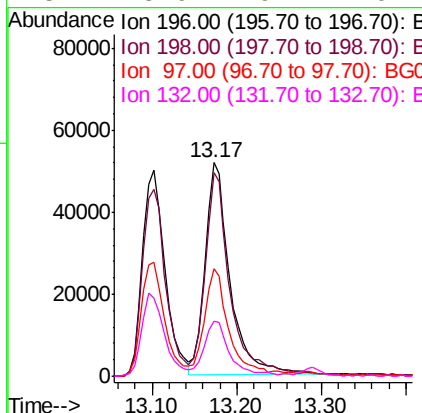
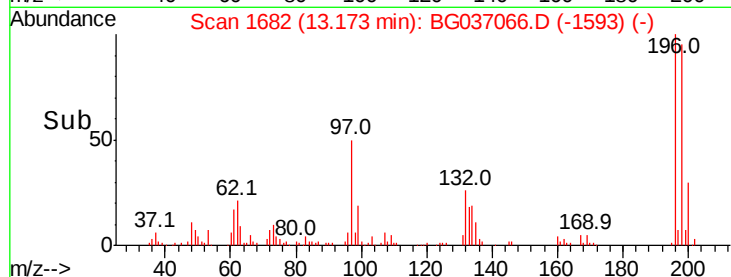
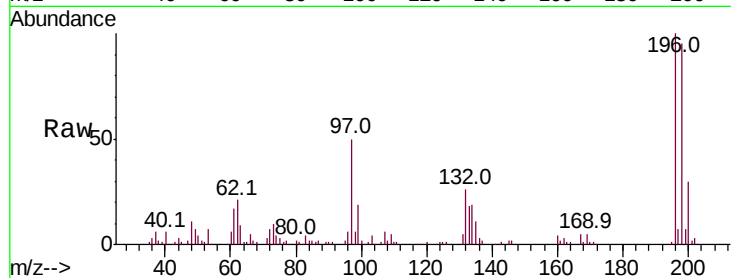
#43  
 2,4,5-Trichlorophenol  
 Concen: 52.671 ng  
 RT: 13.17 min Scan# 1682  
 Delta R.T. -0.01 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB113331BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 107746 |       |       |
| 198     | 95.3  | 75.6   | 113.4 |       |
| 97      | 50.4  | 37.2   | 55.8  |       |
| 132     | 25.9  | 19.4   | 29.2  |       |

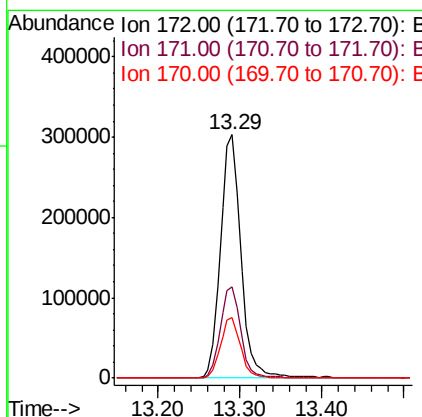
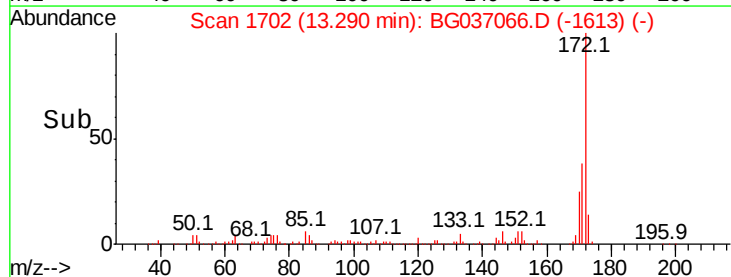
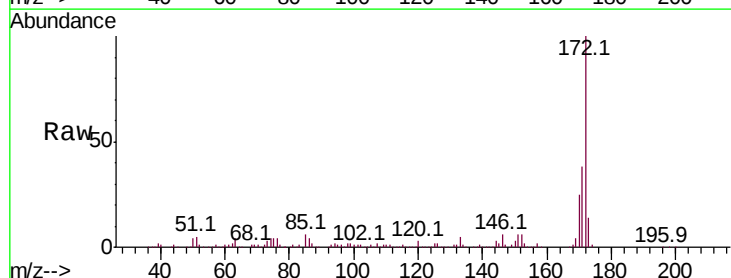
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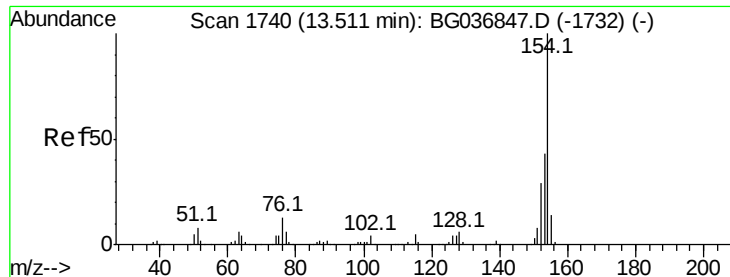
Sohil  
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#44  
 2-Fluorobiphenyl  
 Concen: 79.821 ng  
 RT: 13.29 min Scan# 1702  
 Delta R.T. -0.01 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 530847 |       |       |
| 171     | 37.5  | 31.3   | 46.9  |       |
| 170     | 24.9  | 21.0   | 31.6  |       |





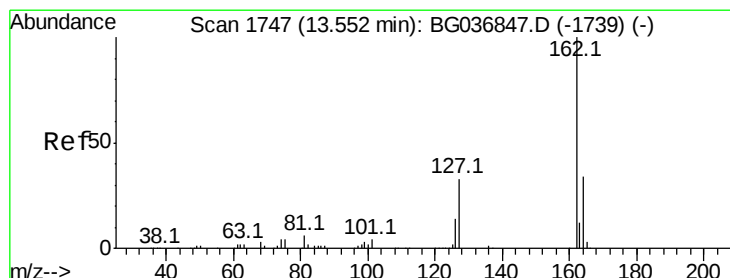
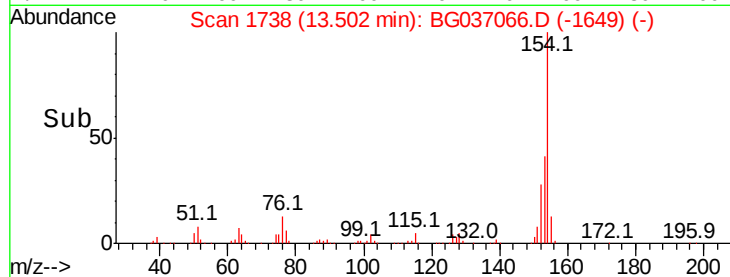
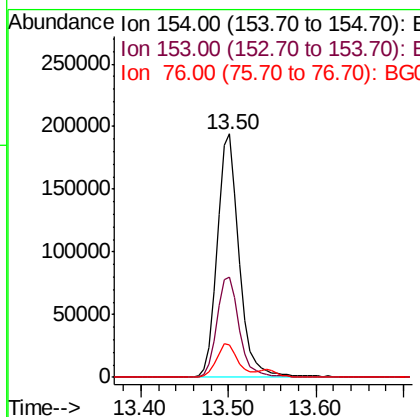
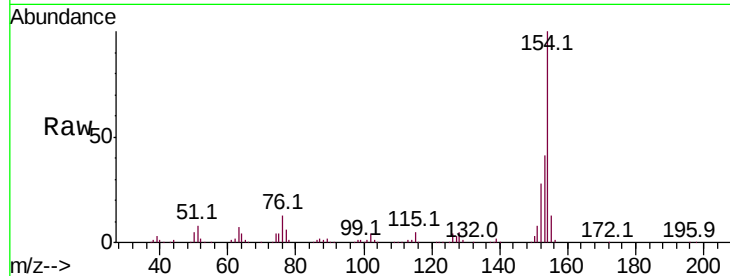
#45  
 1,1'-Biphenyl  
 Concen: 44.594 ng  
 RT: 13.50 min Scan# 1738  
 Delta R.T. -0.01 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB113331BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 41.1  | 24.0 | 64.0  |       |
| 76      | 13.3  | 0.0  | 32.9  |       |

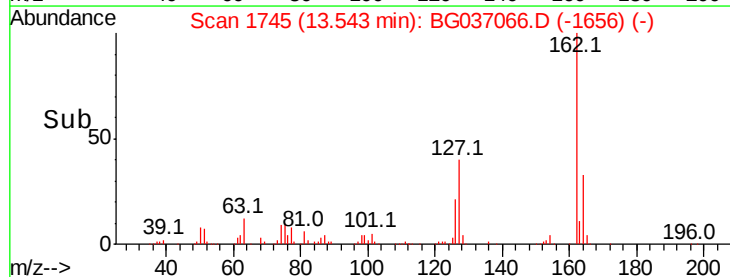
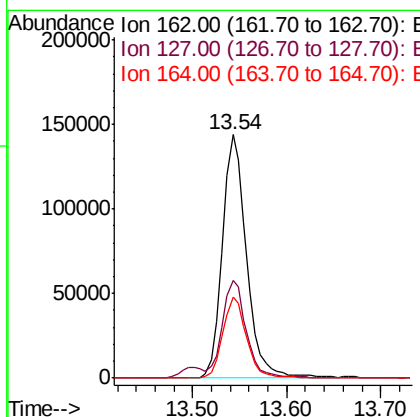
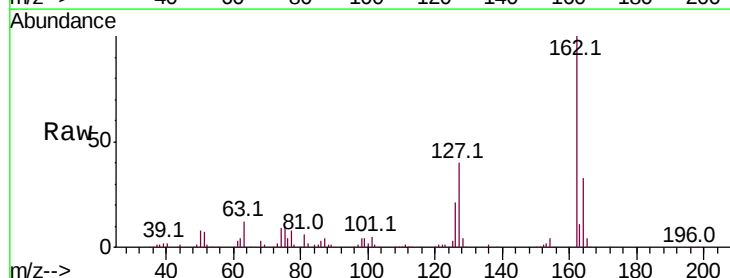
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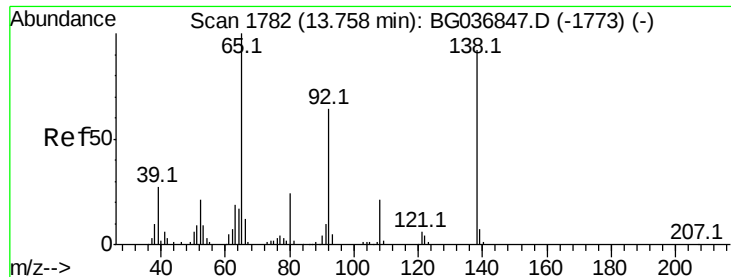
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#46  
 2-Chloronaphthalene  
 Concen: 43.176 ng  
 RT: 13.54 min Scan# 1745  
 Delta R.T. -0.01 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 40.1  | 30.7 | 46.1  |       |
| 164     | 33.2  | 26.7 | 40.1  |       |





#47

2-Nitroaniline

Concen: 51.362 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA\_G

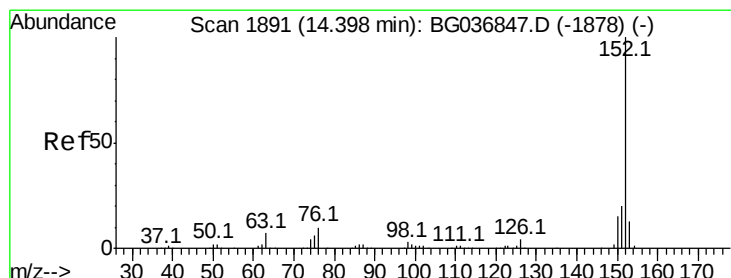
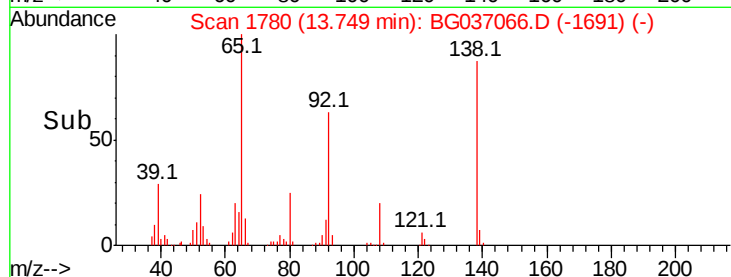
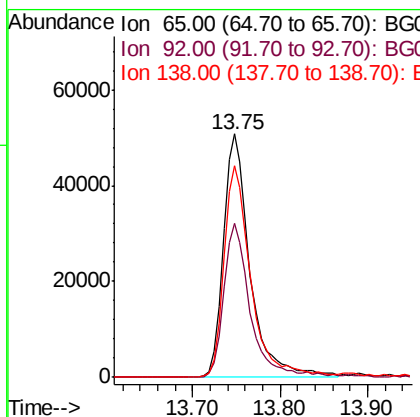
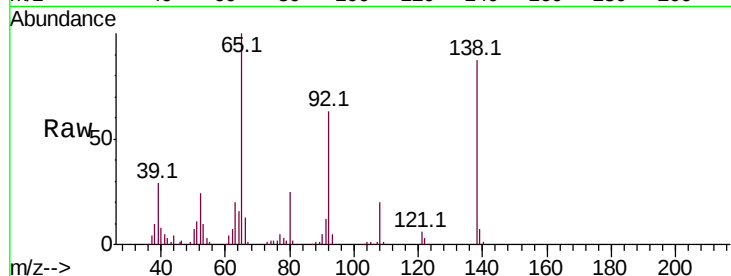
ClientSampleId :

PB113331BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 105981 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 63.4  | 49.9  | 74.9   |
| 138       | 87.1  | 76.2  | 114.4  |

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#48

Acenaphthylene

Concen: 48.859 ng

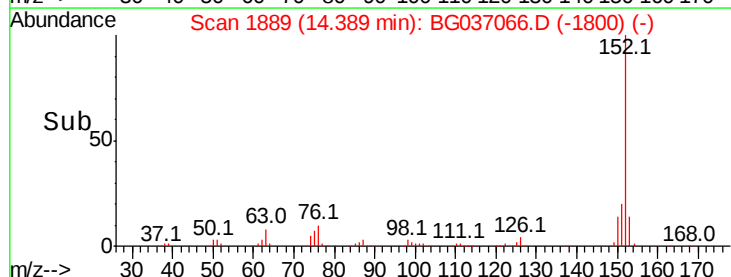
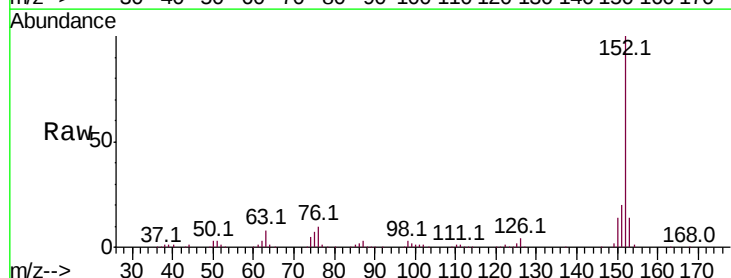
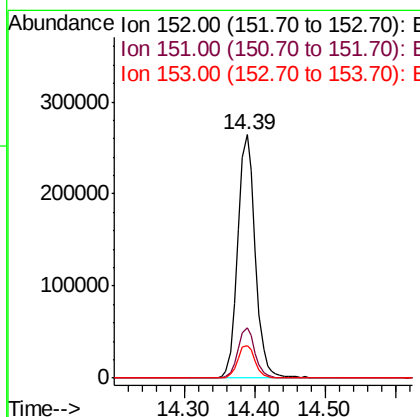
RT: 14.39 min Scan# 1889

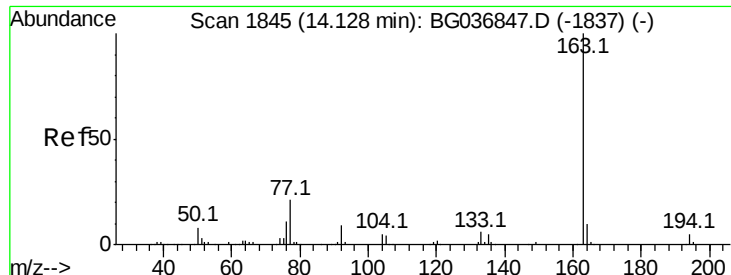
Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 456750 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.5  | 16.9  | 25.3   |
| 153       | 13.5  | 11.2  | 16.8   |





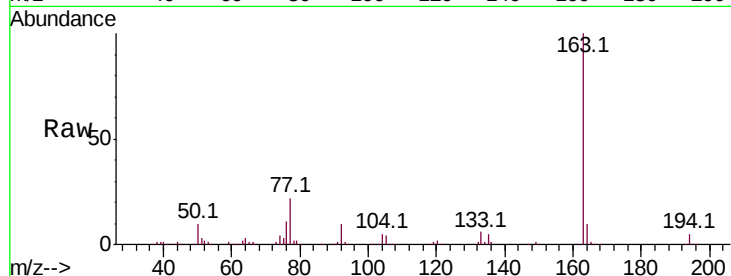
#49  
Dimethylphthalate  
Concen: 46.836 ng  
RT: 14.12 min Scan# 1843  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 373420 |       |       |
| 194     | 4.9   |        | 4.0   | 6.0   |
| 164     | 10.2  |        | 8.1   | 12.1  |

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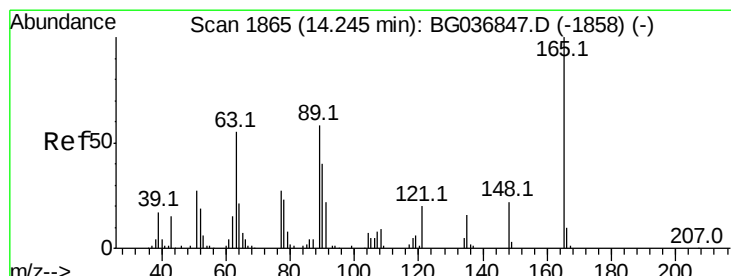
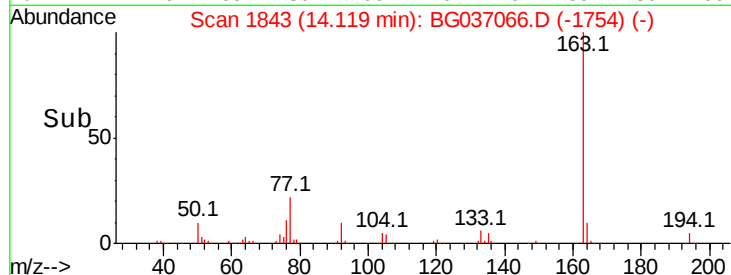
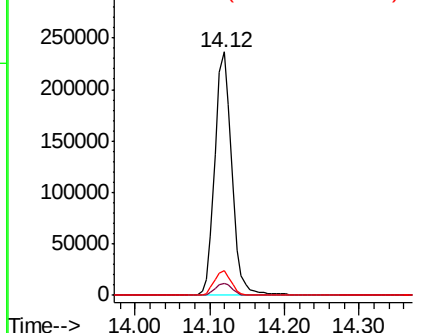


Abundance

Ion 163.00 (162.70 to 163.70): E

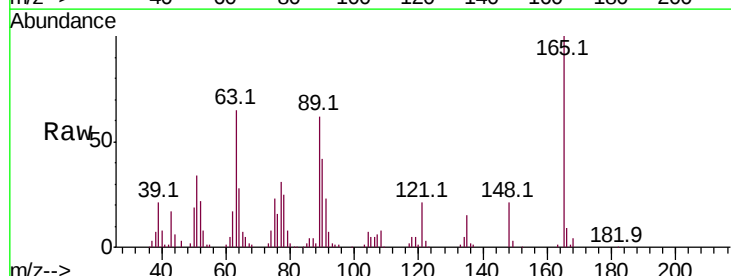
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50  
2,6-Dinitrotoluene  
Concen: 46.951 ng  
RT: 14.24 min Scan# 1863  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 81674 |       |       |
| 63      | 64.9  |       | 50.1  | 75.1  |
| 89      | 62.3  |       | 47.8  | 71.6  |

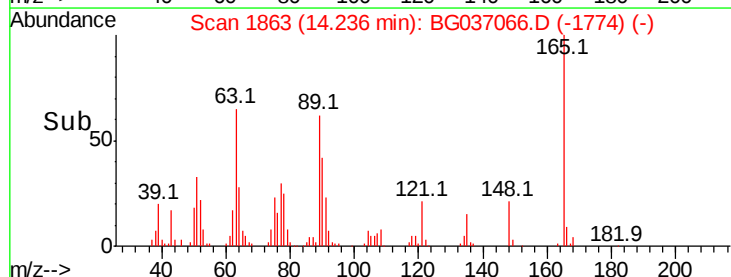
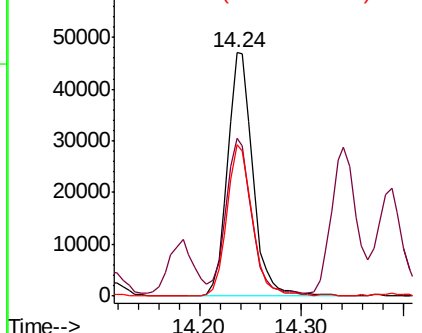


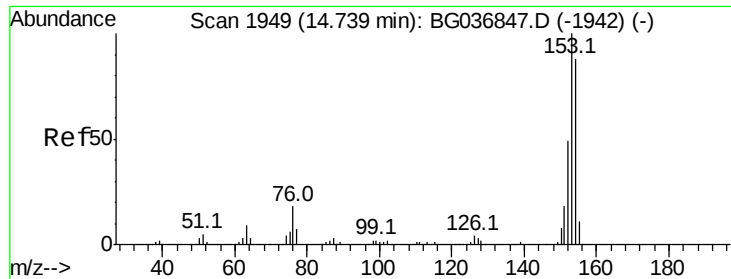
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





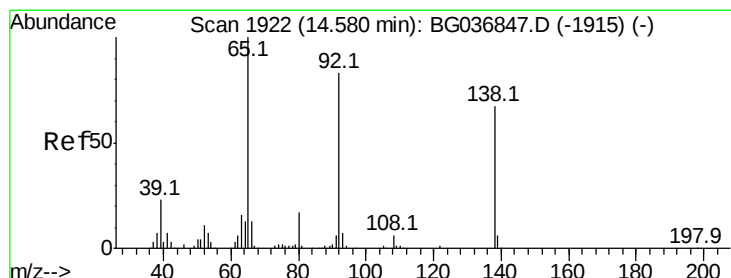
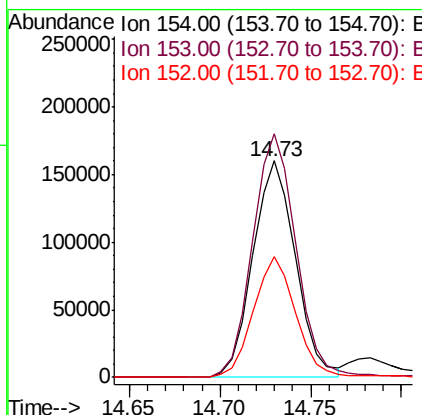
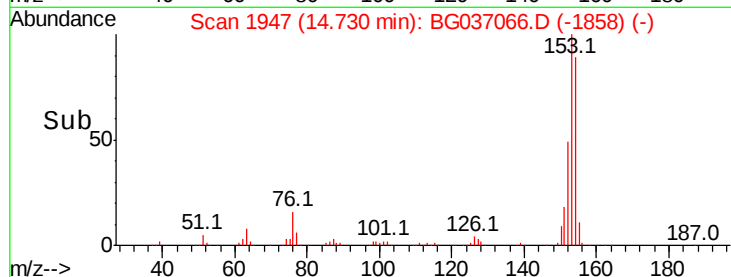
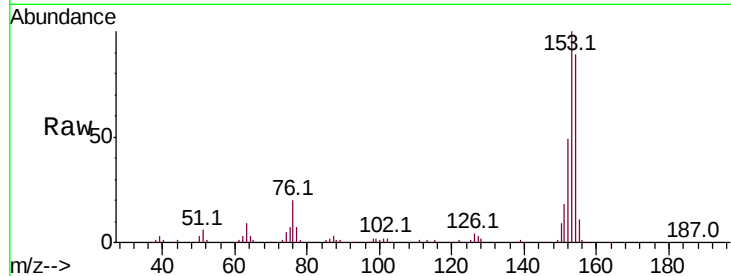
#51  
Acenaphthene  
Concen: 46.345 ng  
RT: 14.73 min Scan# 1947  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.6 | 91.8  | 137.6 |
| 152     | 55.6  | 43.5  | 65.3  |

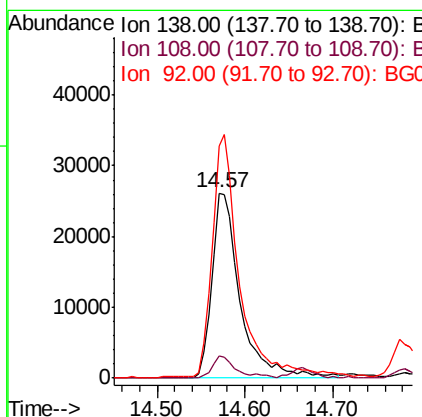
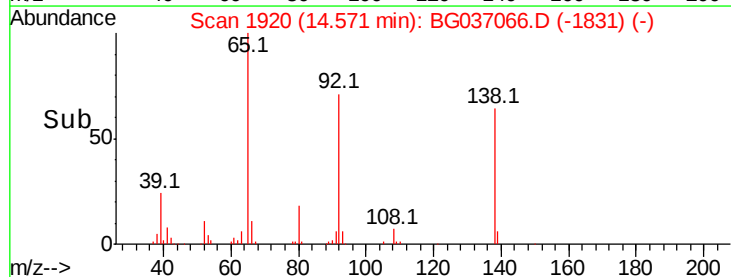
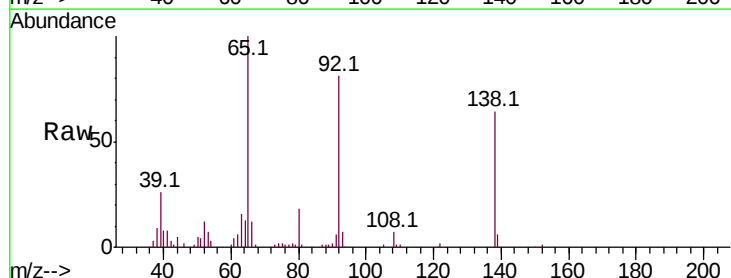
Manual Integrations  
APPROVED

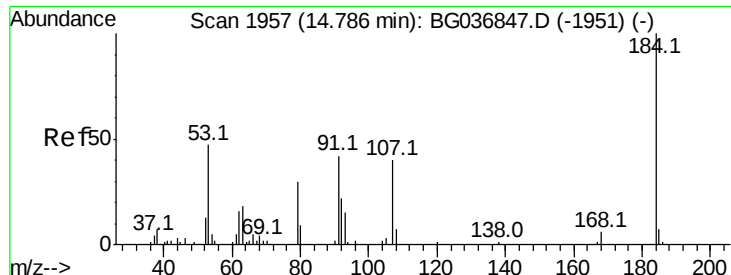
Sohil  
10/1/2018 11:42:35 AM



#52  
3-Nitroaniline  
Concen: 31.963 ng  
RT: 14.57 min Scan# 1920  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 11.7  | 9.4   | 14.2  |
| 92      | 125.9 | 96.8  | 145.2 |





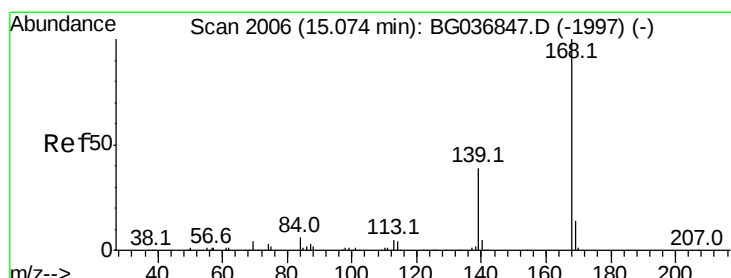
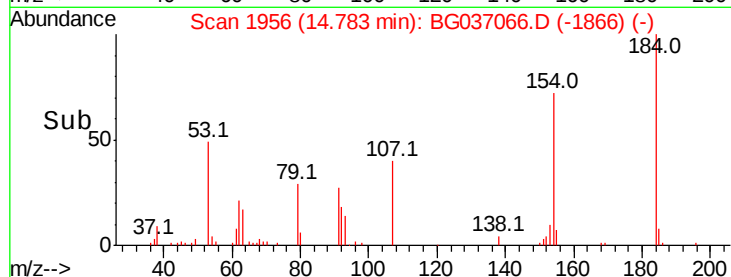
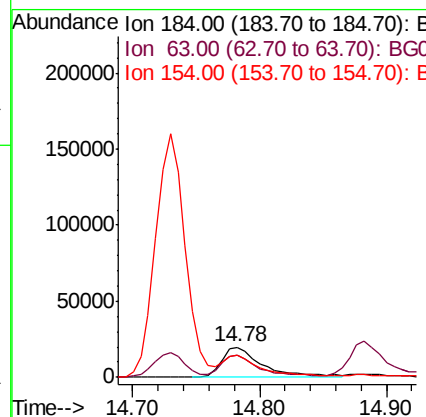
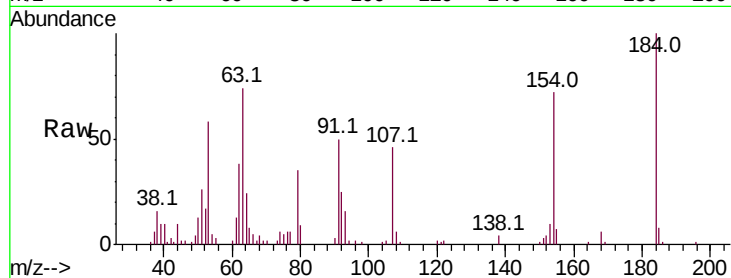
#53  
 2,4-Dinitrophenol  
 Concen: 57.166 ng  
 RT: 14.78 min Scan# 1956  
 Delta R.T. -0.00 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 63      | 74.5  | 47.3 | 70.9# |       |
| 154     | 72.2  | 51.1 | 76.7  |       |

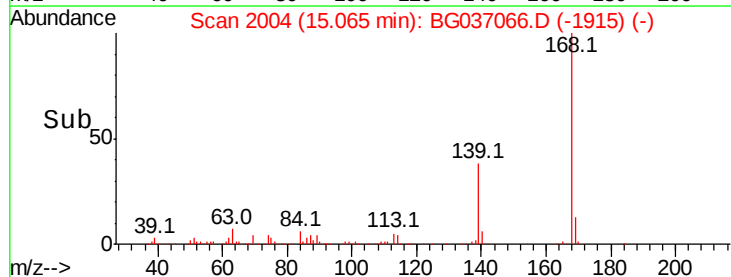
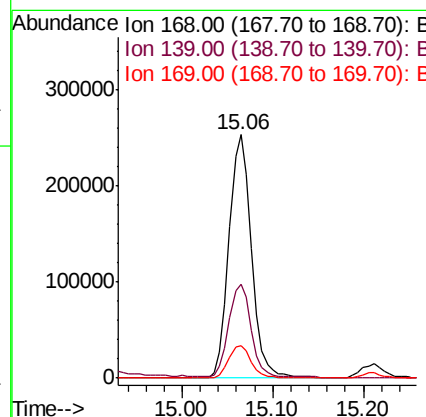
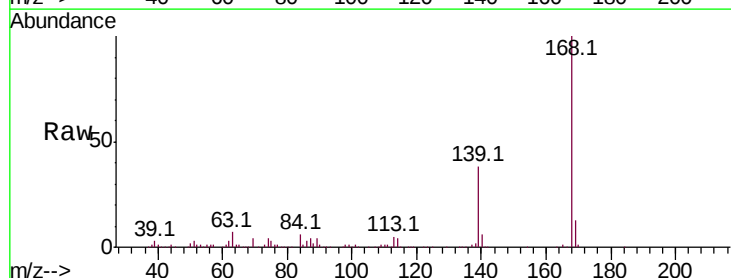
Manual Integrations  
 APPROVED

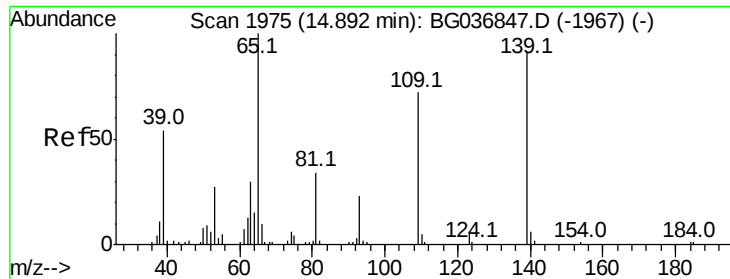
Sohil  
 10/1/2018 11:42:35 AM



#54  
 Dibenzofuran  
 Concen: 45.717 ng  
 RT: 15.06 min Scan# 2004  
 Delta R.T. -0.01 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 38.3  | 31.0 | 46.6  |       |
| 169     | 13.2  | 11.1 | 16.7  |       |





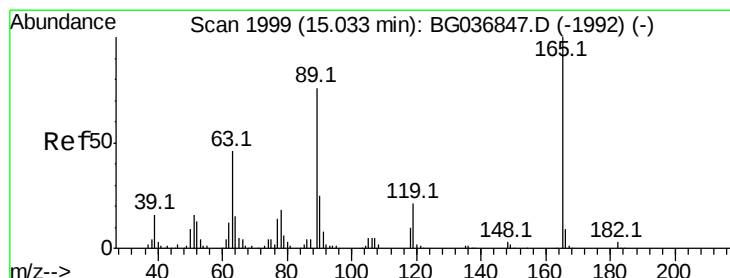
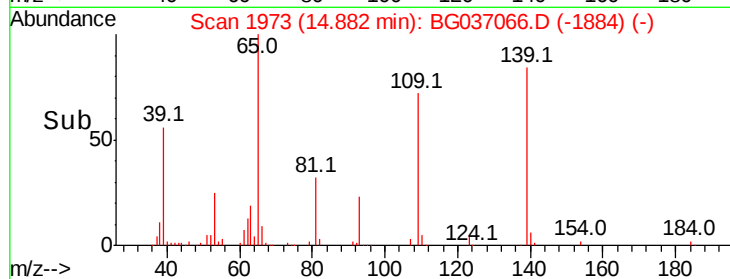
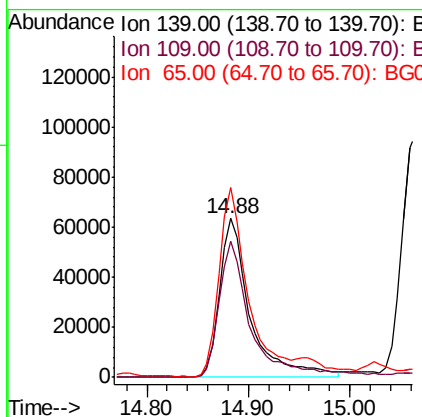
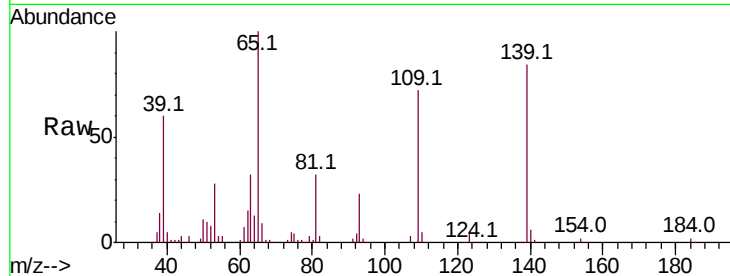
#55  
4-Nitrophenol  
Concen: 114.248 ng  
RT: 14.88 min Scan# 1973  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 85.7  | 63.9  | 103.9 |
| 65      | 119.5 | 90.0  | 130.0 |

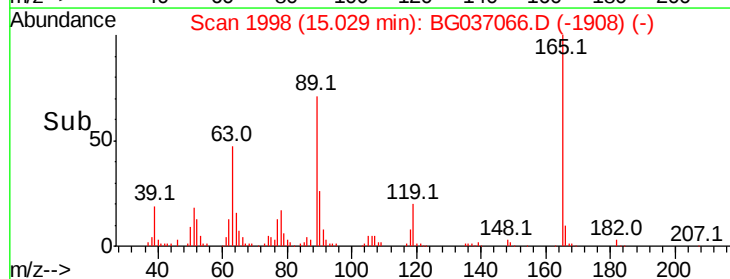
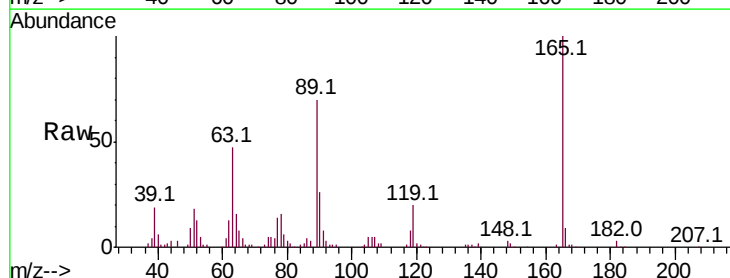
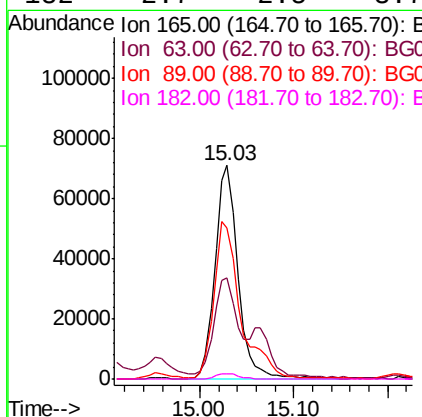
Manual Integrations  
APPROVED

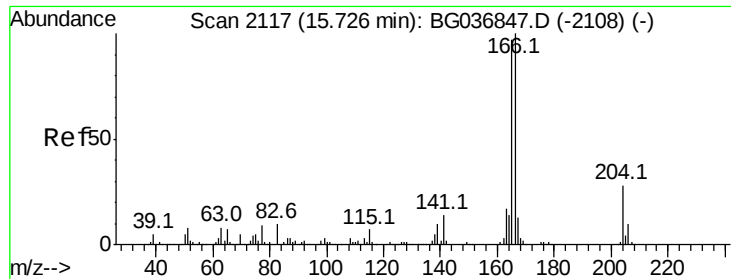
Sohil  
10/1/2018 11:42:35 AM



#56  
2,4-Dinitrotoluene  
Concen: 50.267 ng  
RT: 15.03 min Scan# 1998  
Delta R.T. -0.00 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 47.5  | 40.1  | 60.1  |
| 89      | 70.4  | 63.7  | 95.5  |
| 182     | 2.7   | 2.5   | 3.7   |





#57

Fluorene

Concen: 50.211 ng

RT: 15.71 min Scan# 2114

Delta R.T. -0.02 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA\_G

ClientSampleId :

PB113331BSD

Tot Ion:166 Resp: 358651

Ion Ratio Lower Upper

166 100

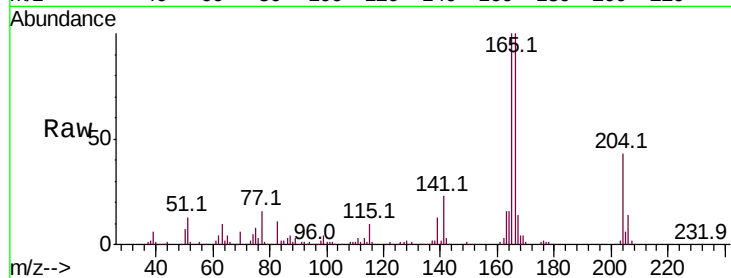
165 100.3 77.0 115.4

167 14.3 10.6 16.0

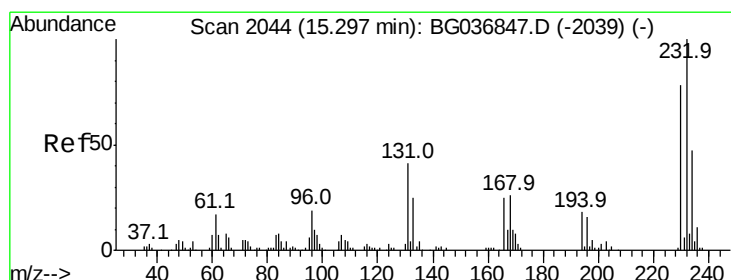
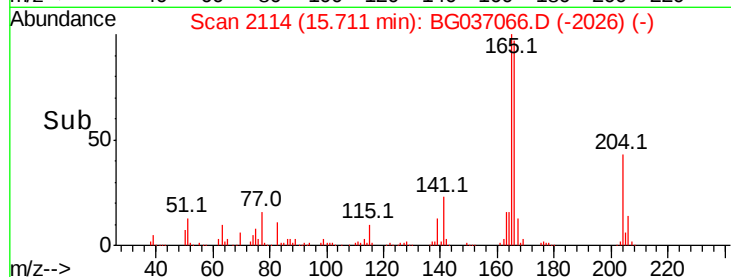
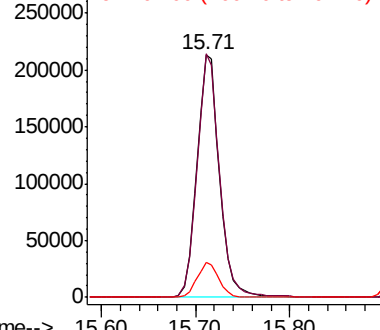
Manual Integrations  
APPROVED

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Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 52.825 ng

RT: 15.29 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Tgt Ion:232 Resp: 109621

Ion Ratio Lower Upper

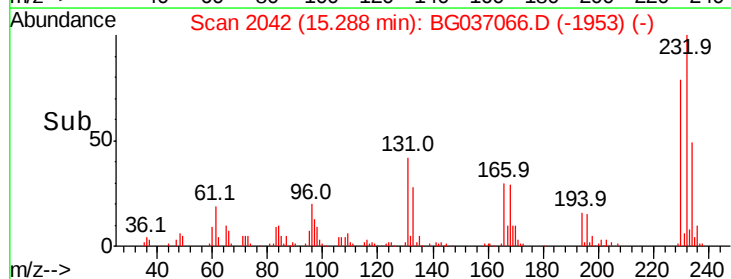
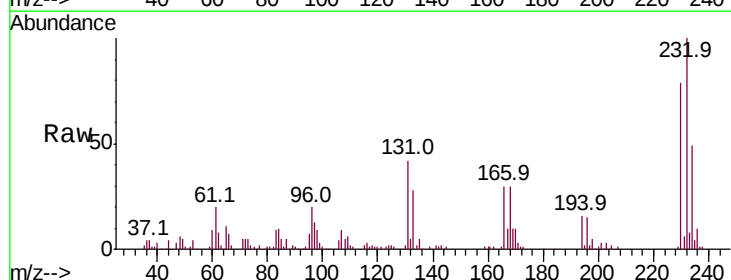
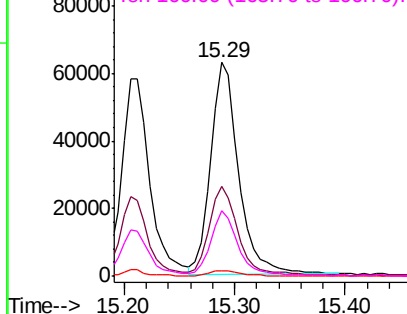
232 100

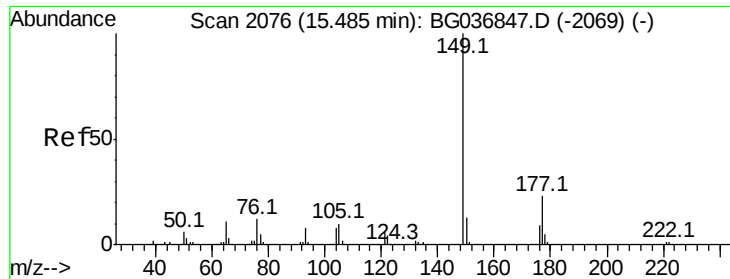
131 42.6 33.8 50.8

130 2.6 2.1 3.1

166 29.6 22.3 33.5

Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E





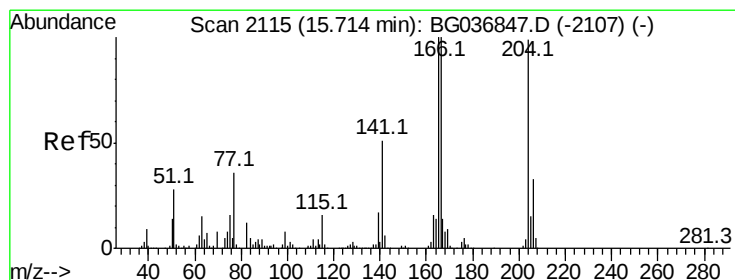
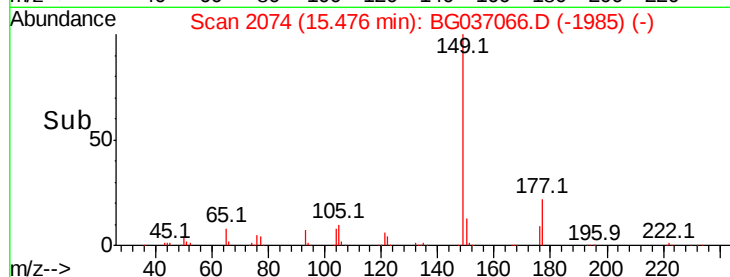
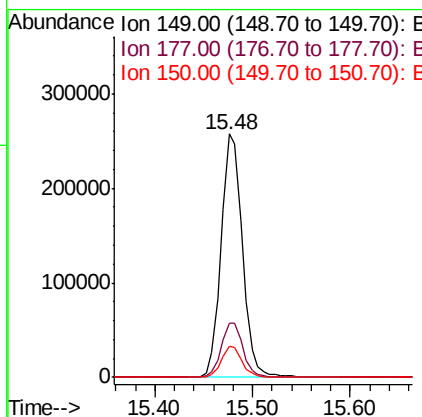
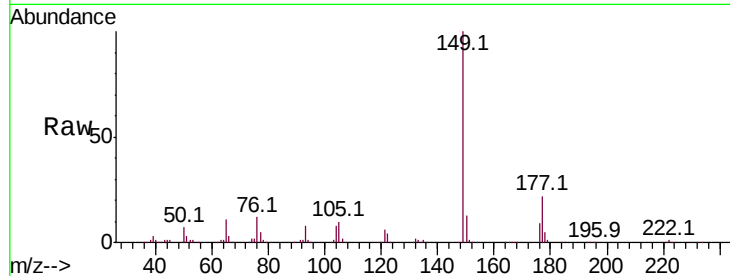
#59  
Diethylphthalate  
Concen: 48.511 ng  
RT: 15.48 min Scan# 2074  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 177     | 22.4  | 19.1 | 28.7  |       |
| 150     | 12.5  | 10.7 | 16.1  |       |

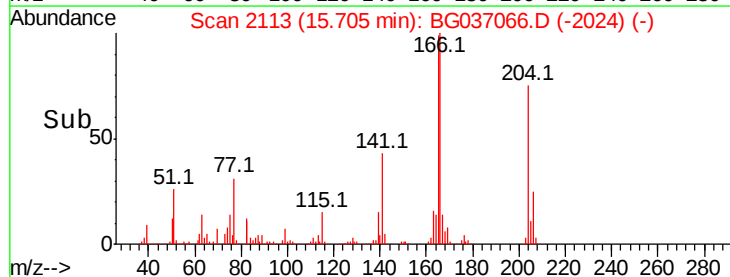
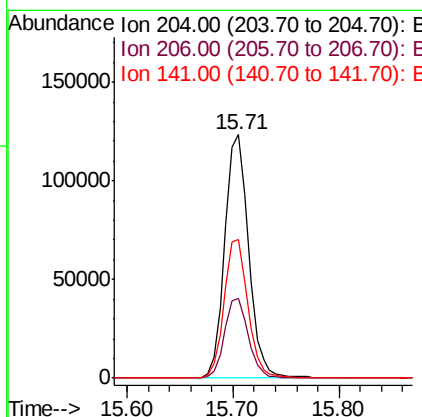
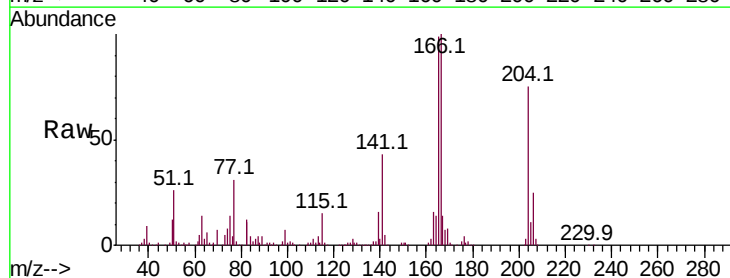
Manual Integrations  
APPROVED

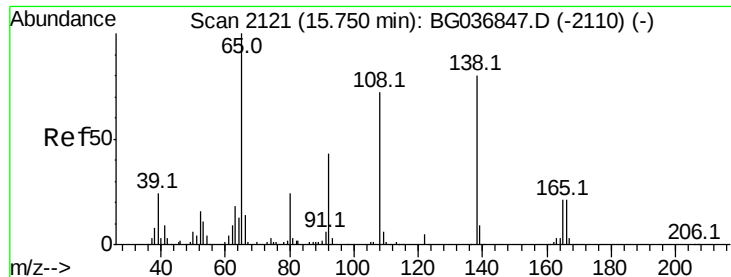
Sohil  
10/1/2018 11:42:35 AM



#60  
4-Chlorophenyl-phenylether  
Concen: 42.779 ng  
RT: 15.71 min Scan# 2113  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 204     | 100   |      |       |       |
| 206     | 32.9  | 27.0 | 40.4  |       |
| 141     | 57.1  | 43.8 | 65.6  |       |





#61

4-Nitroaniline

Concen: 51.223 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA\_G

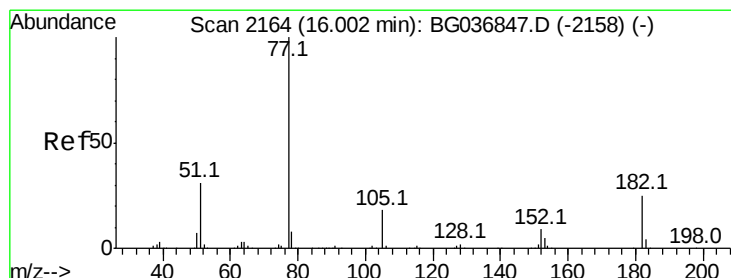
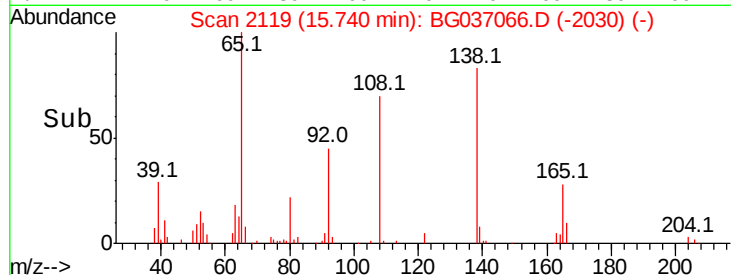
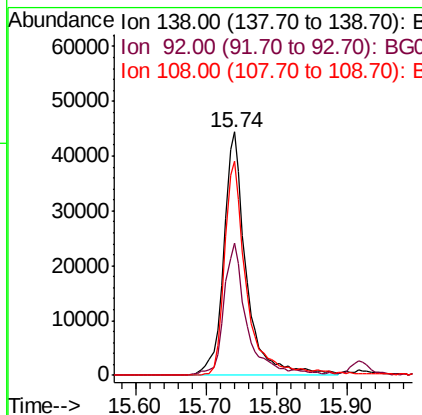
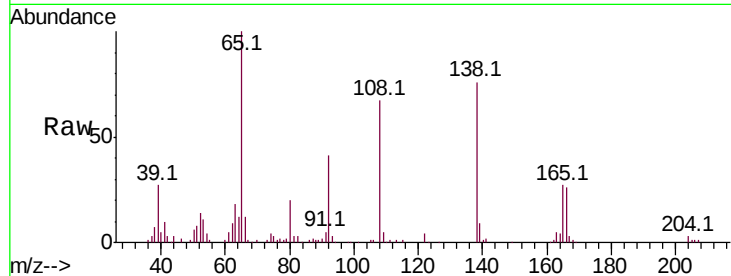
ClientSampleId :

PB113331BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.1  | 38.5  | 78.5  |
| 108     | 88.1  | 70.3  | 110.3 |

Manual Integrations  
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#62

Azobenzene

Concen: 51.377 ng

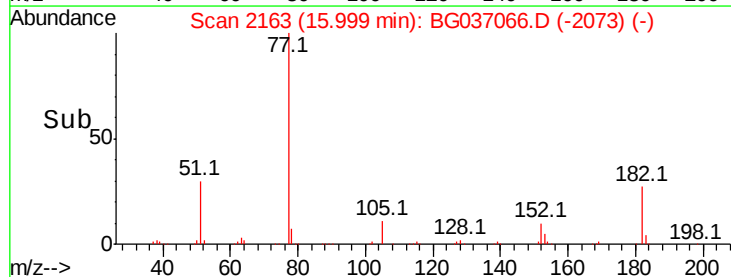
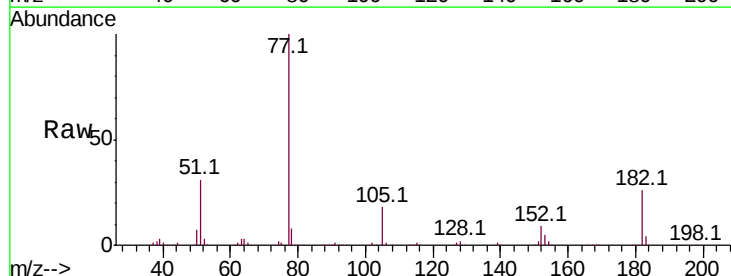
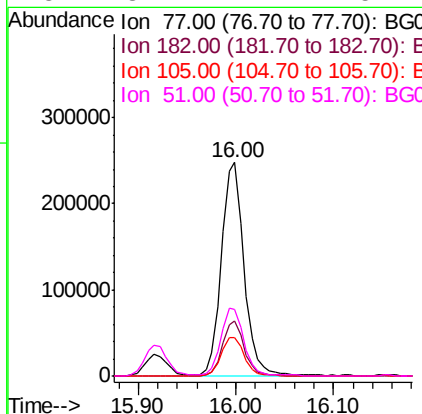
RT: 16.00 min Scan# 2163

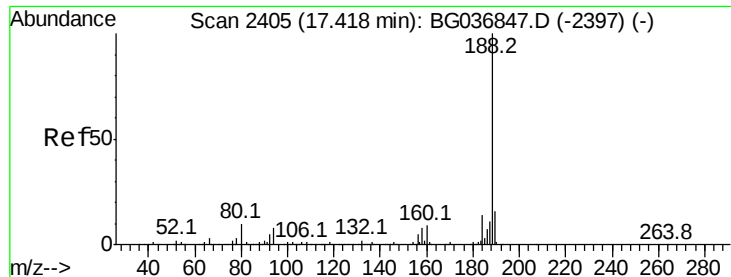
Delta R.T. -0.00 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 25.8  | 6.7   | 46.7  |
| 105     | 18.2  | 0.0   | 39.8  |
| 51      | 31.1  | 12.4  | 52.4  |





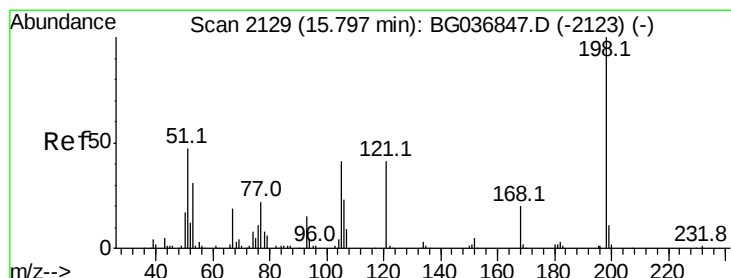
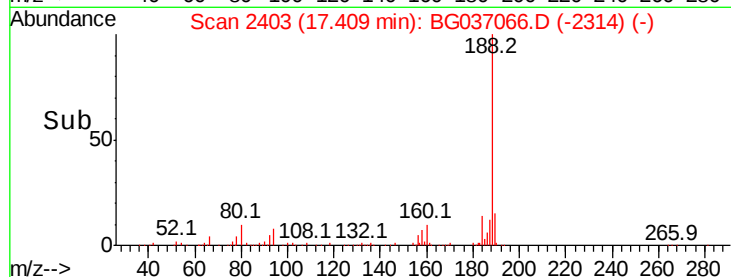
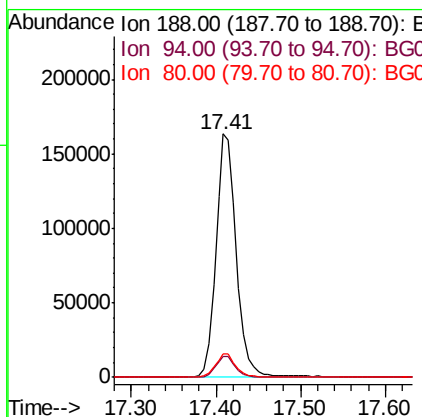
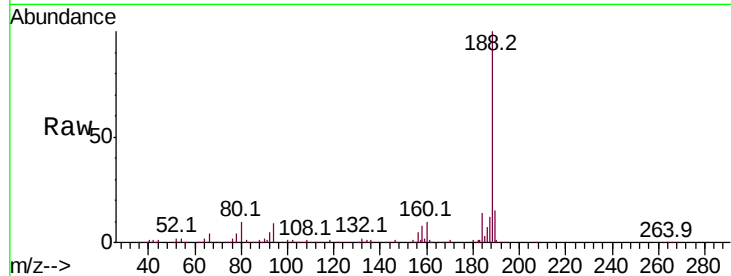
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.41 min Scan# 2403  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 274640 |       |       |
| 94      | 8.7   |        | 6.7   | 10.1  |
| 80      | 9.8   |        | 8.1   | 12.1  |

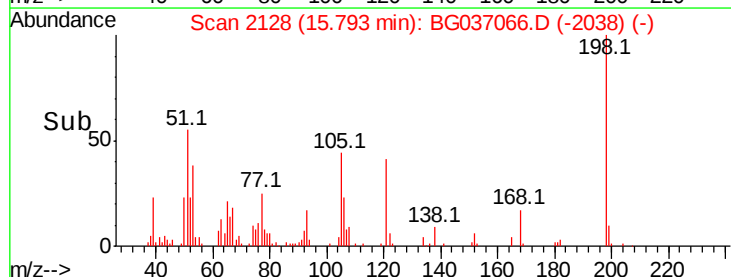
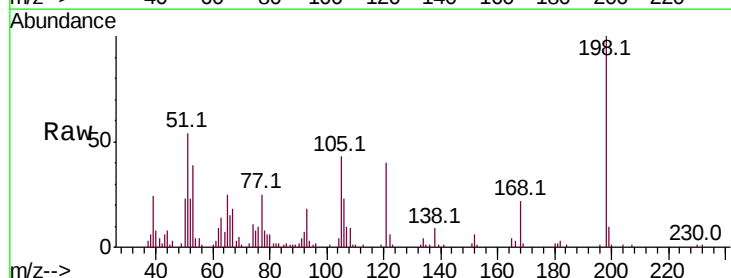
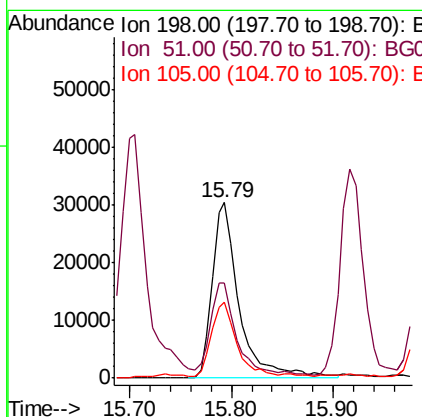
Manual Integrations  
APPROVED

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10/1/2018 11:42:35 AM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 39.110 ng  
RT: 15.79 min Scan# 2128  
Delta R.T. -0.00 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 56157 |       |       |
| 51      | 54.4  |       | 26.5  | 66.5  |
| 105     | 43.1  |       | 20.2  | 60.2  |





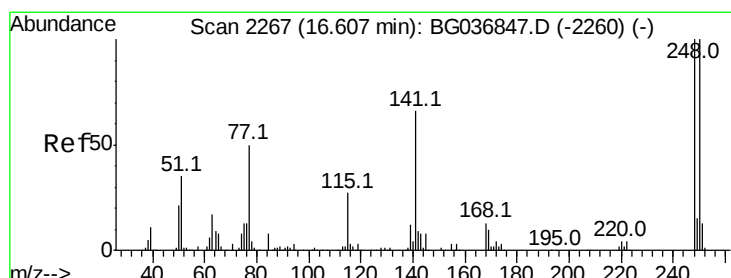
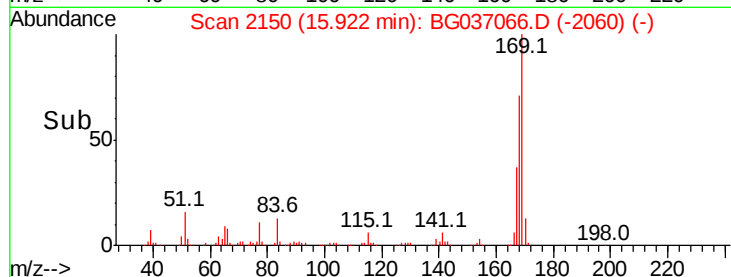
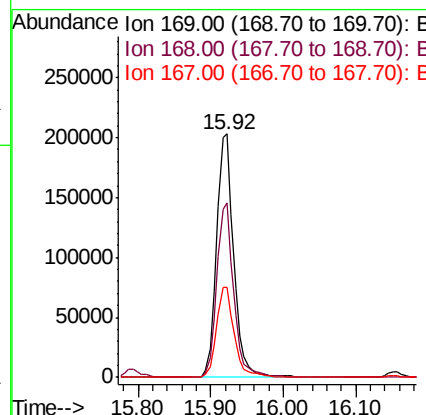
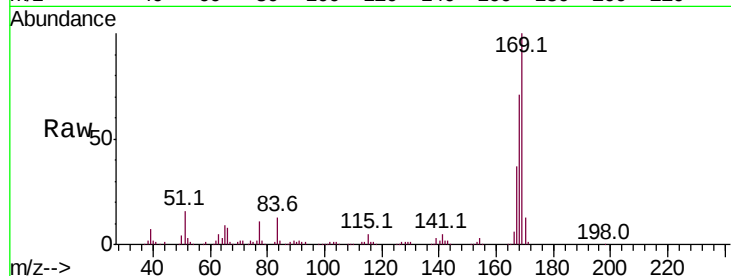
#65  
n-Nitrosodiphenylamine  
Concen: 43.969 ng  
RT: 15.92 min Scan# 2150  
Delta R.T. -0.00 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 169     | 100   |      |       |       |
| 168     | 71.5  | 57.6 | 86.4  |       |
| 167     | 37.1  | 31.0 | 46.4  |       |

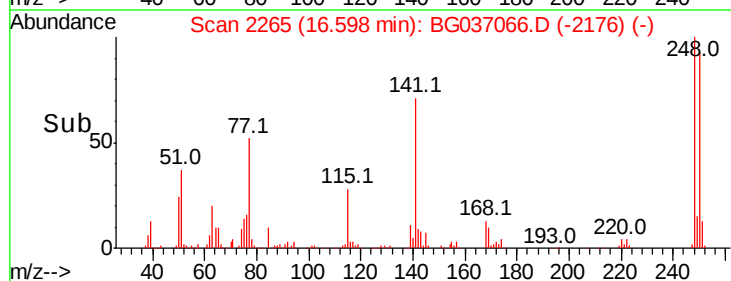
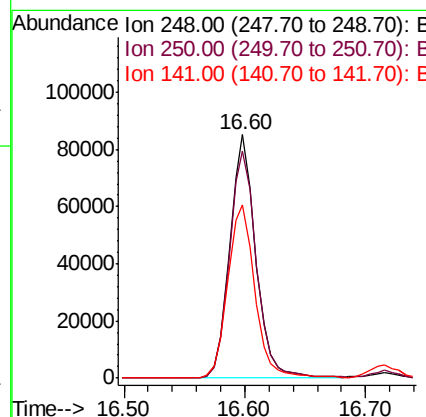
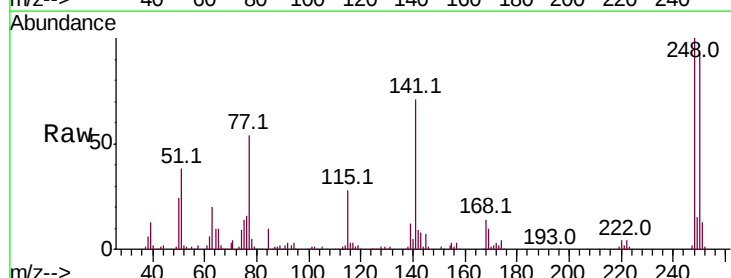
Manual Integrations  
APPROVED

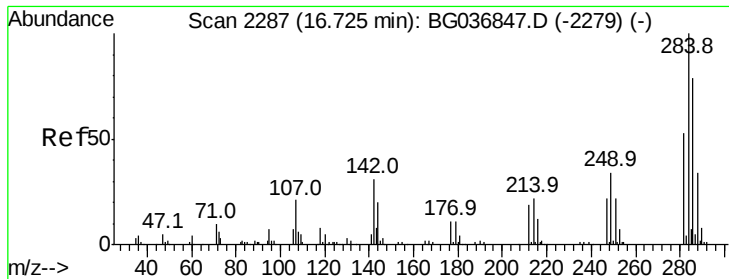
Sohil  
10/1/2018 11:42:35 AM



#66  
4-Bromophenyl-phenylether  
Concen: 40.644 ng  
RT: 16.60 min Scan# 2265  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 248     | 100   |      |       |       |
| 250     | 93.1  | 78.1 | 117.1 |       |
| 141     | 71.3  | 53.7 | 80.5  |       |





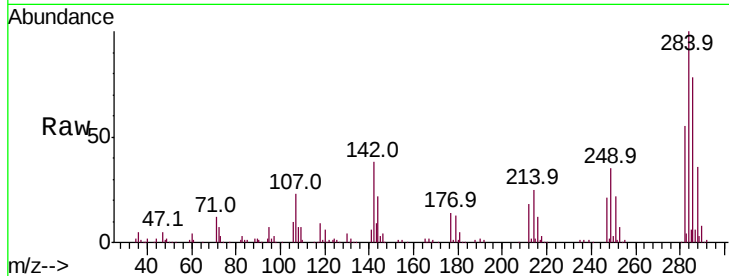
#67  
Hexachlorobenzene  
Concen: 39.997 ng  
RT: 16.72 min Scan# 2285  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

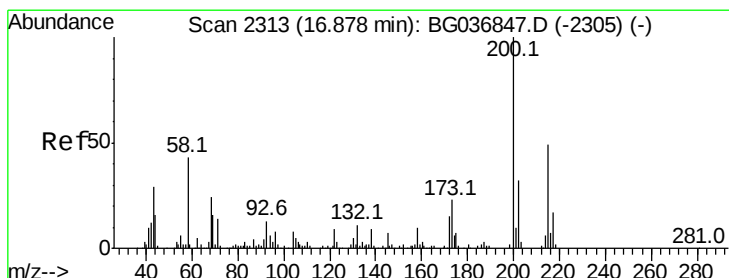
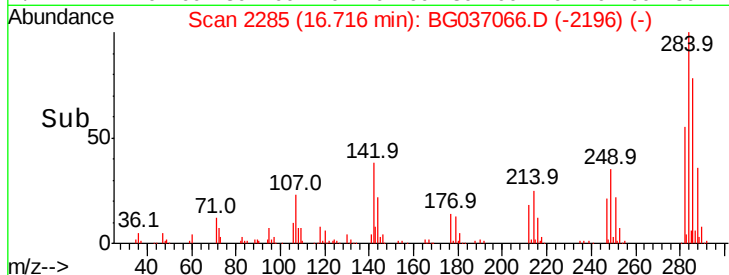
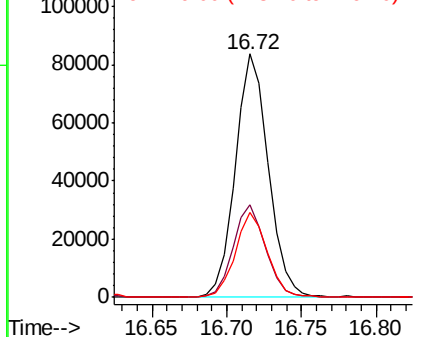
| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 284     | 100   |            |       |
| 142     | 38.1  | 27.8       | 41.6  |
| 249     | 35.0  | 27.4       | 41.2  |

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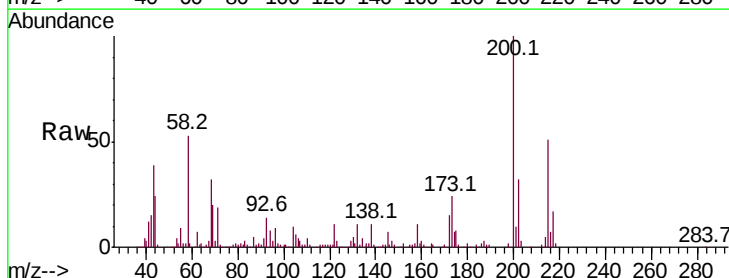


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

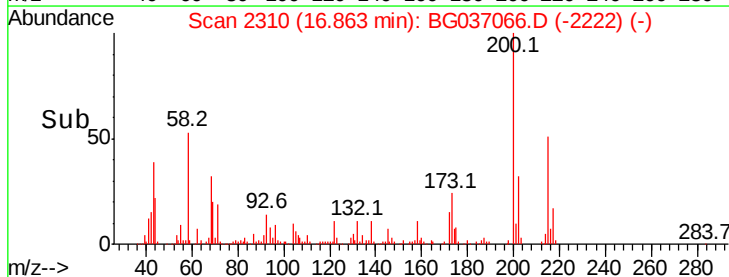
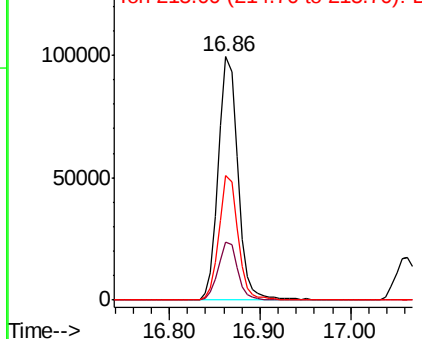


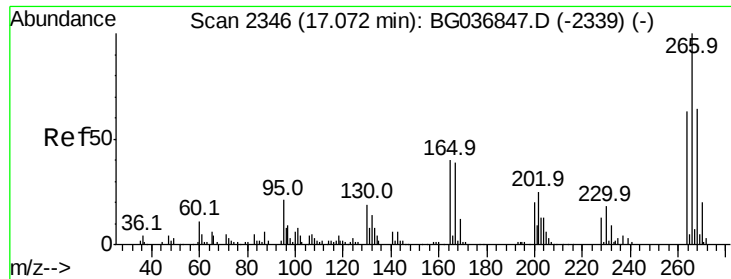
#68  
Atrazine  
Concen: 48.306 ng  
RT: 16.86 min Scan# 2310  
Delta R.T. -0.02 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 23.8  | 3.9        | 43.9  |
| 215     | 51.4  | 30.4       | 70.4  |



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





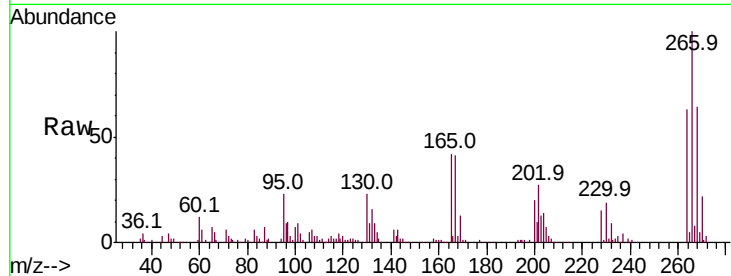
#69  
 Pentachlorophenol  
 Concen: 75.882 ng  
 RT: 17.06 min Scan# 2344  
 Delta R.T. -0.01 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BSD

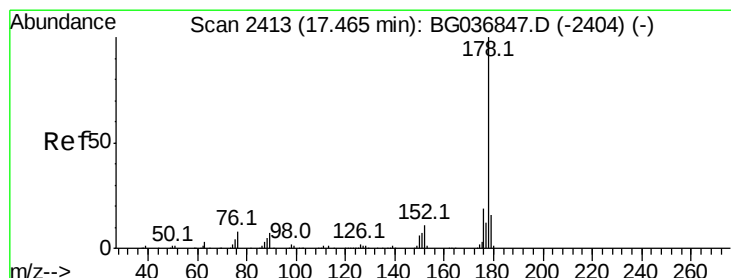
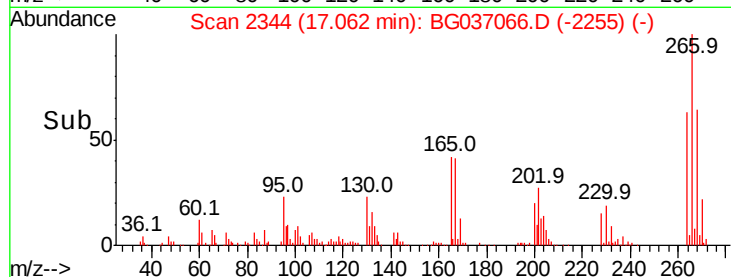
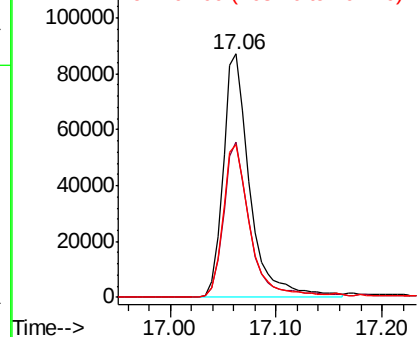
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 266  | Resp: | 153712 |
| Ion Ratio |      | Lower | Upper  |
| 266       | 100  |       |        |
| 268       | 63.7 | 51.4  | 77.2   |
| 264       | 62.6 | 48.9  | 73.3   |

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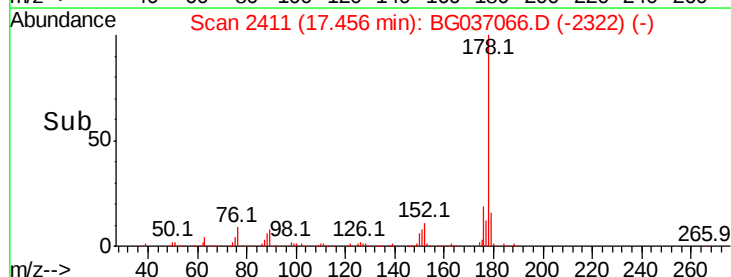
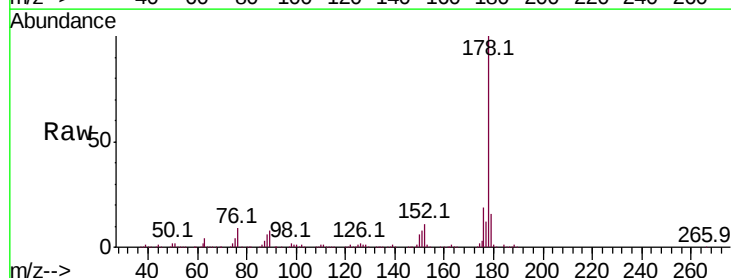
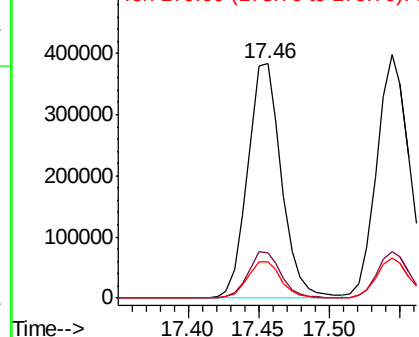
Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

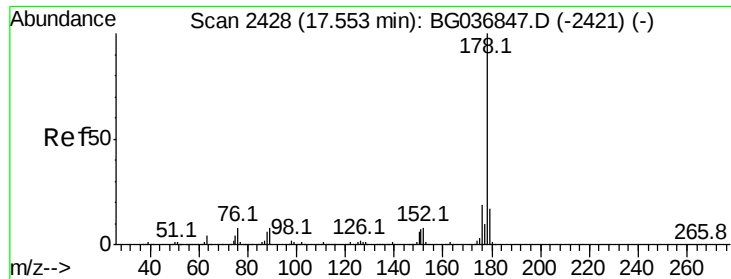


#70  
 Phenanthrene  
 Concen: 48.749 ng  
 RT: 17.46 min Scan# 2411  
 Delta R.T. -0.01 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 178  | Resp: | 645186 |
| Ion Ratio |      | Lower | Upper  |
| 178       | 100  |       |        |
| 176       | 19.1 | 15.4  | 23.2   |
| 179       | 15.7 | 13.4  | 20.2   |

Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





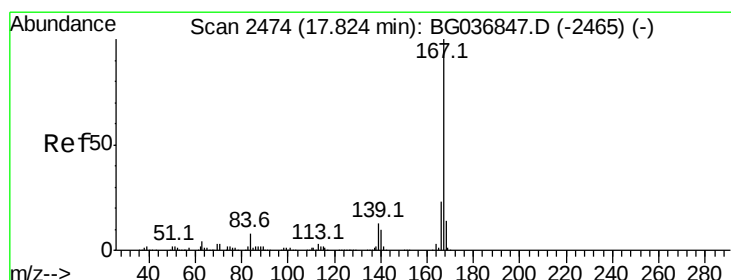
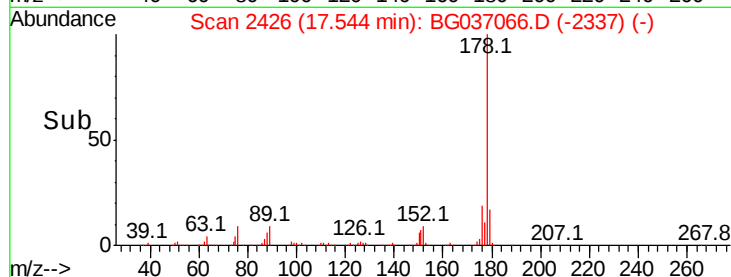
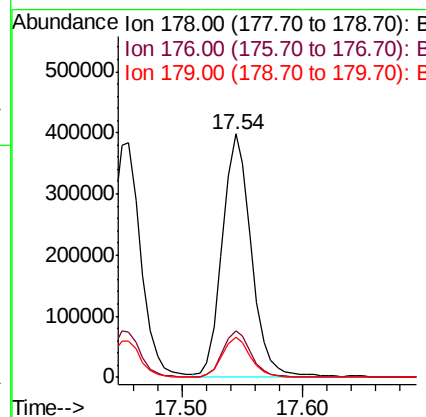
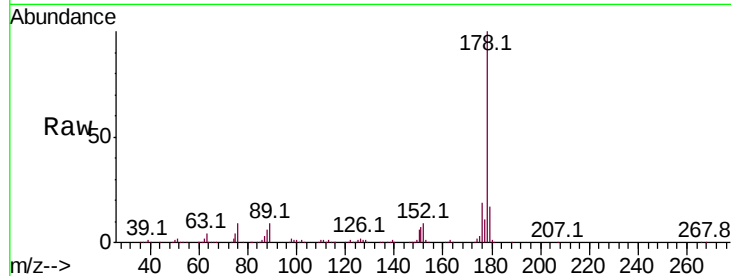
#71  
 Anthracene  
 Concen: 50.031 ng  
 RT: 17.54 min Scan# 2426  
 Delta R.T. -0.01 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.1  | 15.4  | 23.2  |
| 179     | 16.5  | 13.0  | 19.4  |

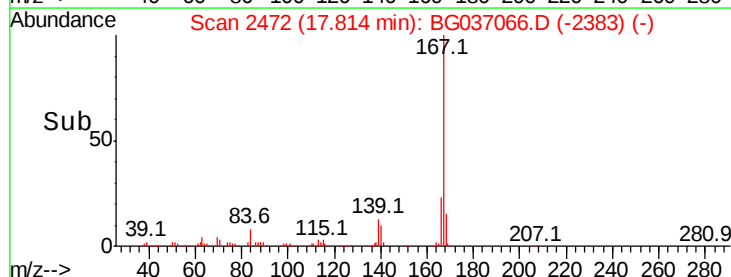
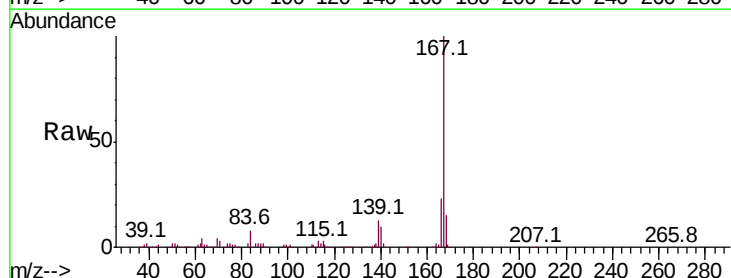
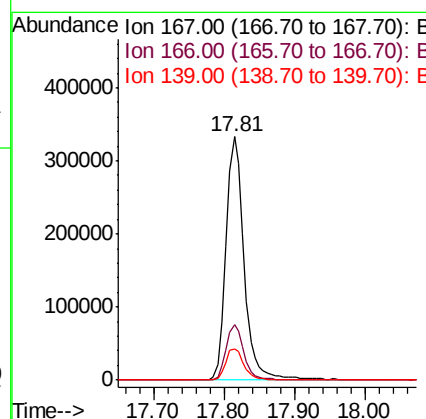
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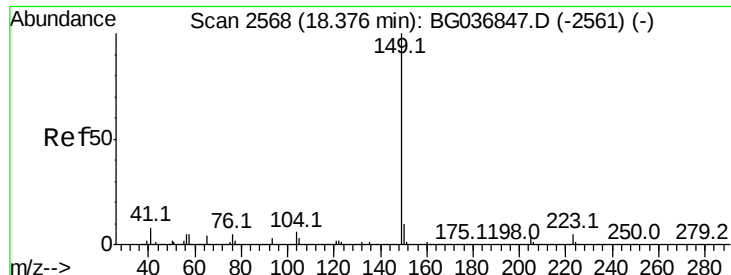
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#72  
 Carbazole  
 Concen: 46.774 ng  
 RT: 17.81 min Scan# 2472  
 Delta R.T. -0.01 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.0  | 19.5  | 29.3  |
| 139     | 12.9  | 10.7  | 16.1  |





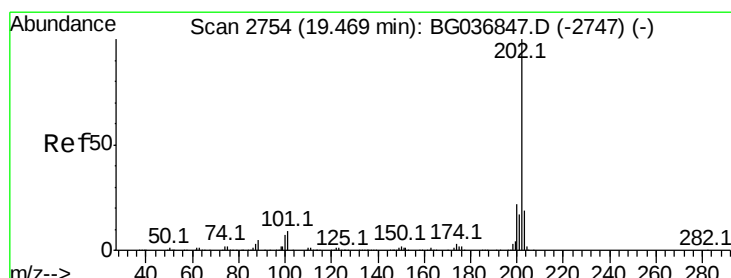
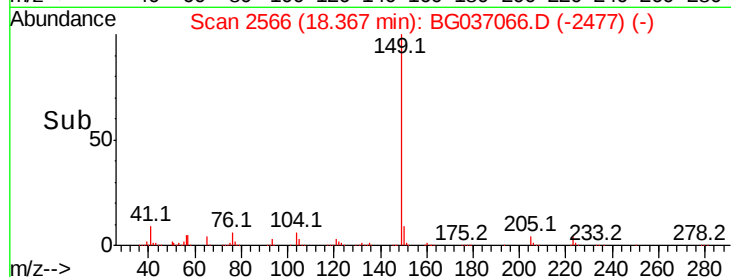
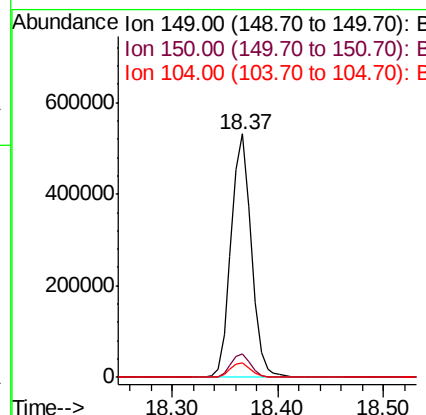
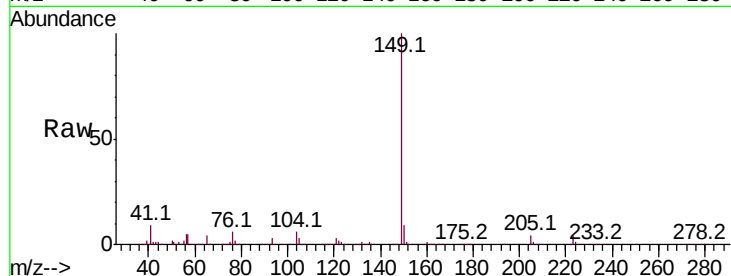
#73  
Di-n-butylphthalate  
Concen: 49.821 ng  
RT: 18.37 min Scan# 2566  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 150     | 9.4   | 8.1        | 12.1  |
| 104     | 6.0   | 4.6        | 6.8   |

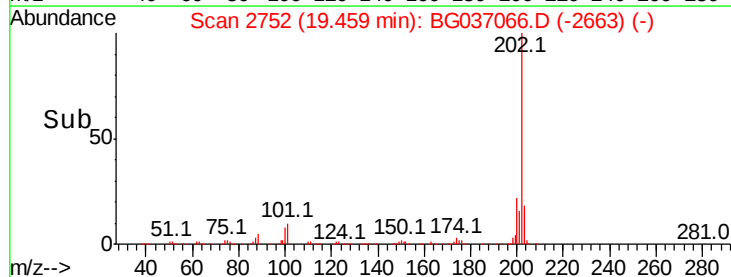
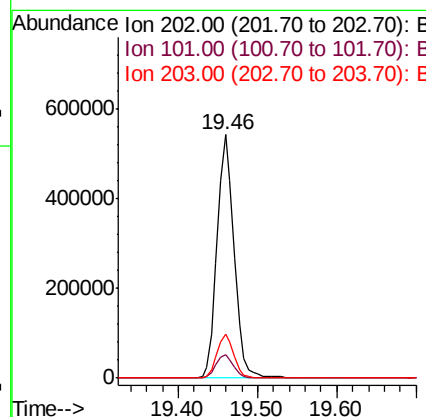
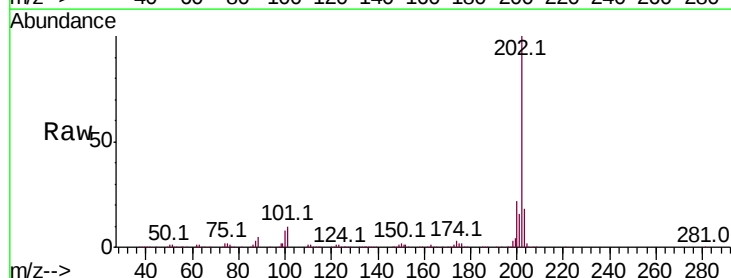
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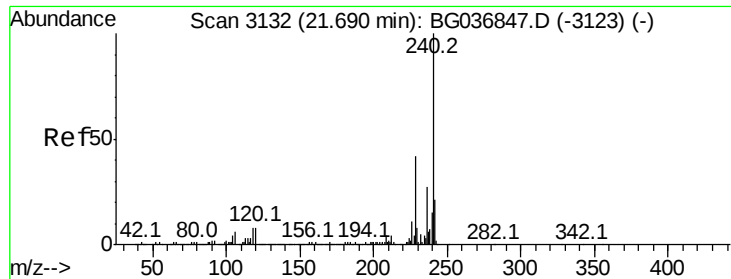
Sohil  
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#74  
Fluoranthene  
Concen: 50.821 ng  
RT: 19.46 min Scan# 2752  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 9.9   | 0.0        | 29.4  |
| 203     | 17.9  | 0.0        | 38.9  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA\_G

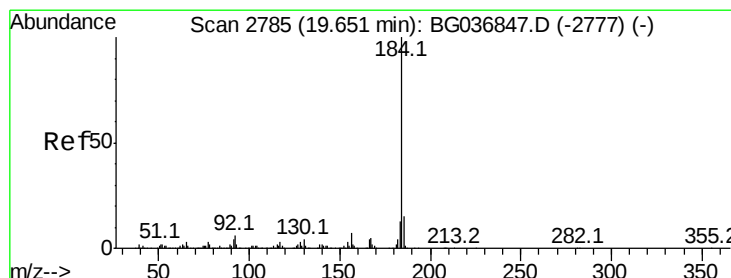
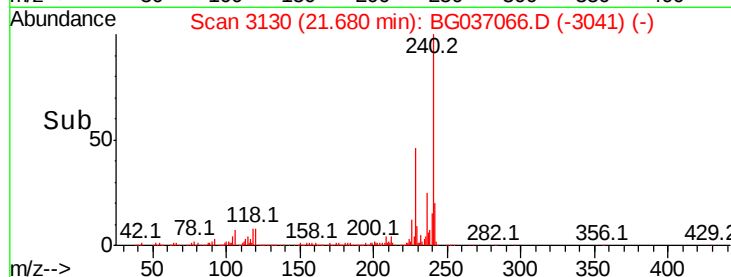
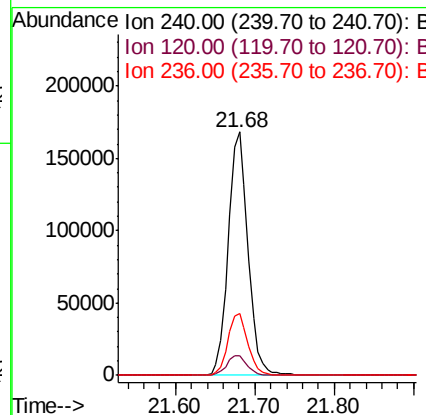
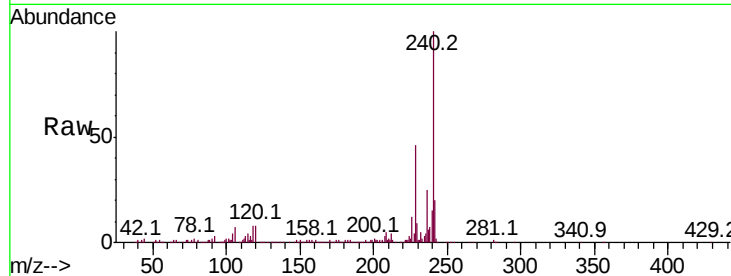
ClientSampleId :

PB113331BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 289120 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.1   | 6.9   | 10.3   |
| 236       | 25.2  | 21.2  | 31.8   |

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#76

Benzidine

Concen: 35.379 ng

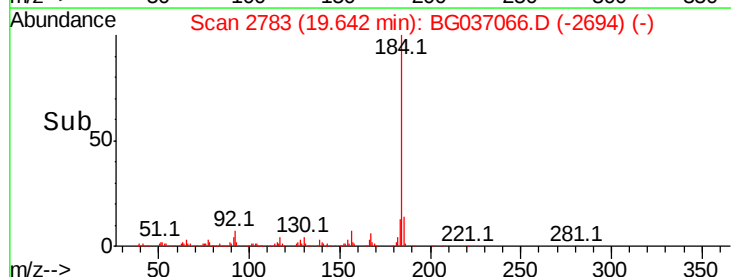
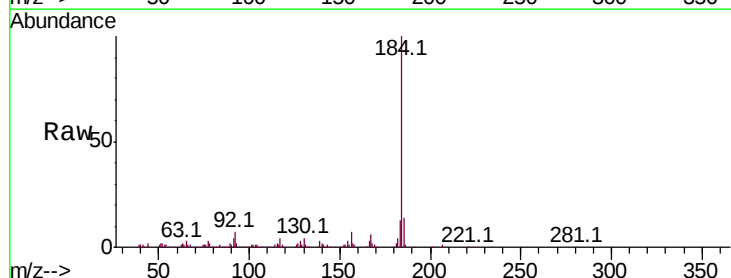
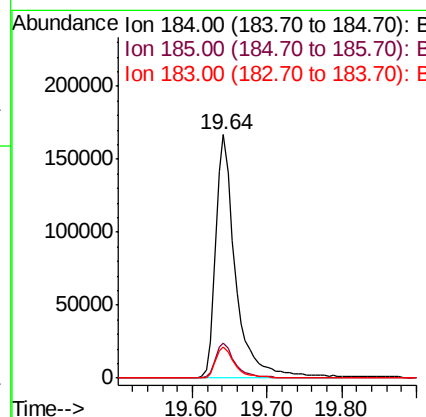
RT: 19.64 min Scan# 2783

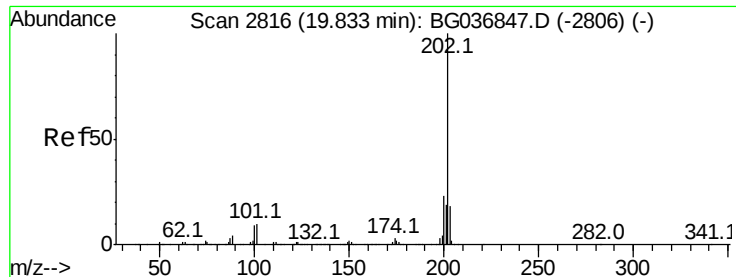
Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 309214 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.4  | 12.6  | 18.8   |
| 183       | 13.0  | 10.9  | 16.3   |





#77

Pvrene

Concen: 46.001 ng

RT: 19.82 min Scan# 2813

Delta R.T. -0.02 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA\_G

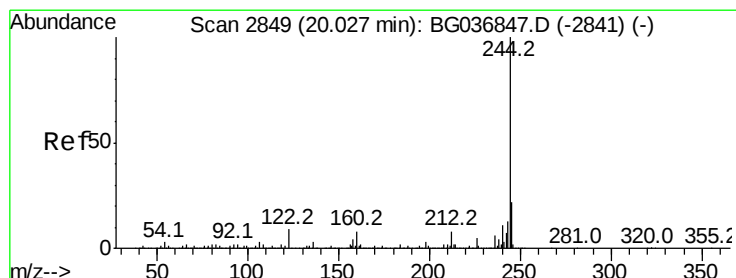
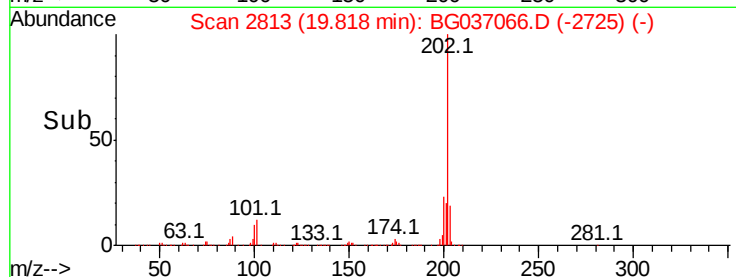
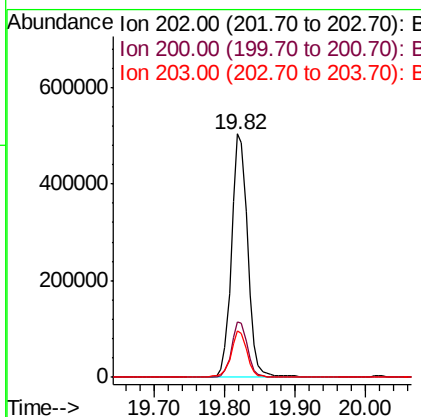
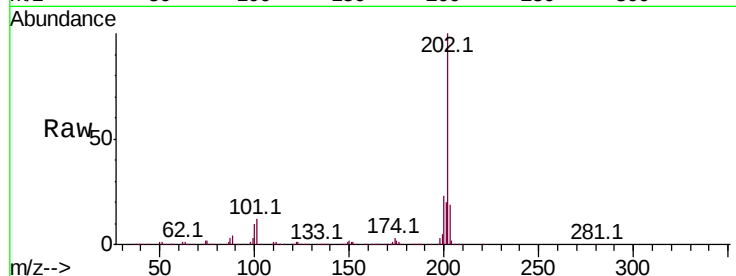
ClientSampleId :

PB113331BSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 798094 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 200       | 22.9 | 18.3  | 27.5   |
| 203       | 19.1 | 15.1  | 22.7   |

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#78

Terphenyl-d14

Concen: 93.977 ng

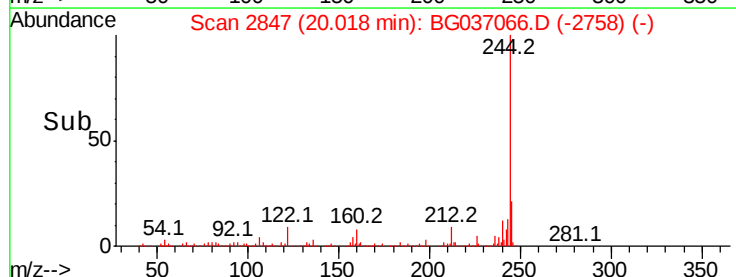
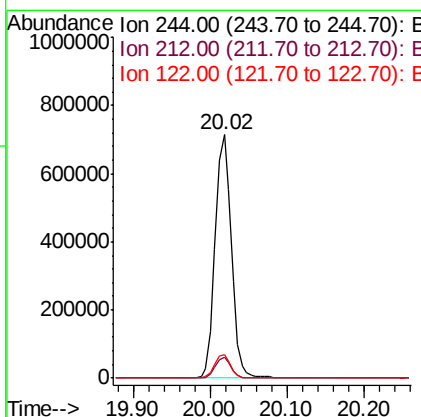
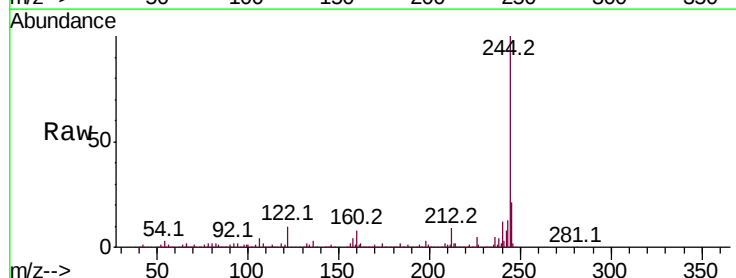
RT: 20.02 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

|           |     |       |         |
|-----------|-----|-------|---------|
| Tgt Ion:  | 244 | Resp: | 1033299 |
| Ion Ratio |     | Lower | Upper   |
| 244       | 100 |       |         |
| 212       | 8.6 | 7.0   | 10.6    |
| 122       | 9.5 | 7.1   | 10.7    |





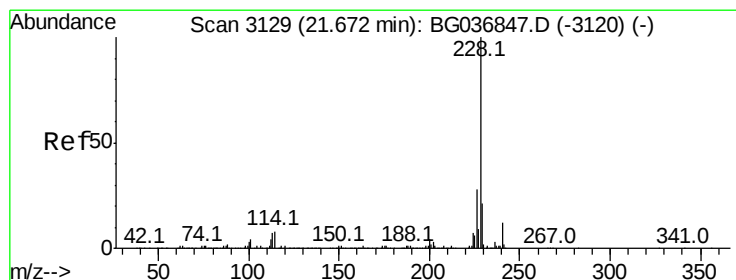
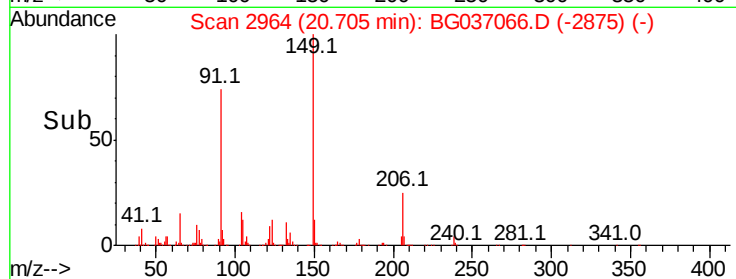
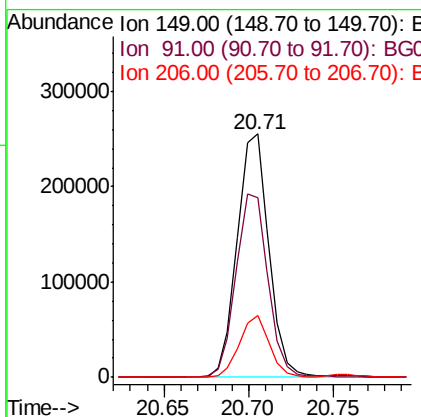
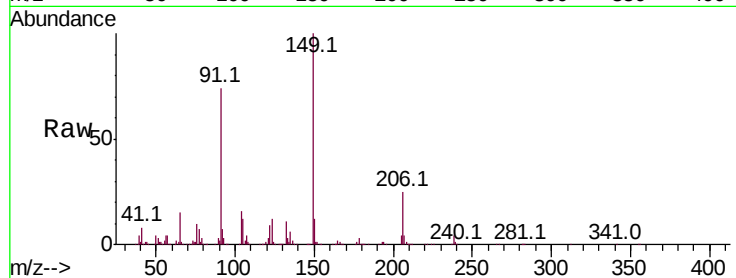
#79  
Butylbenzylphthalate  
Concen: 48.255 ng  
RT: 20.71 min Scan# 2964  
Delta R.T. -0.01 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 91      | 73.8  | 62.0 | 93.0  |       |
| 206     | 25.4  | 19.6 | 29.4  |       |

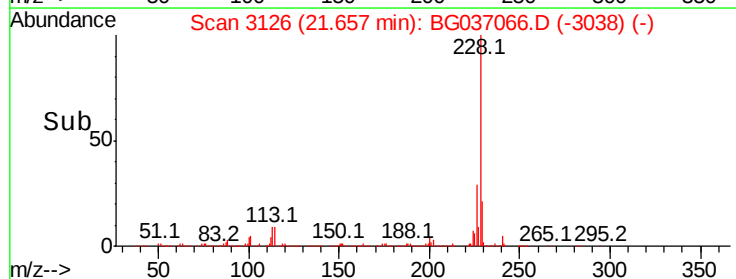
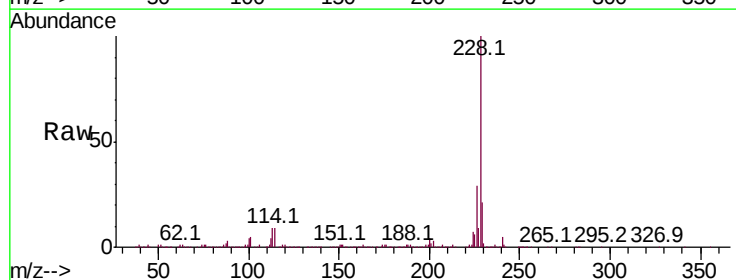
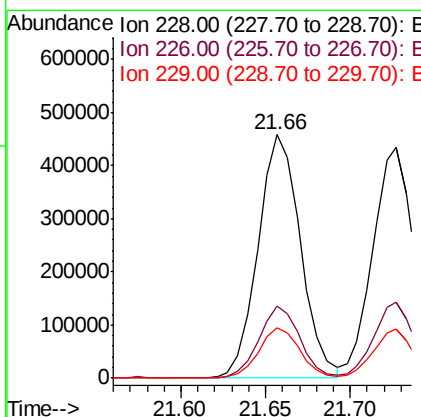
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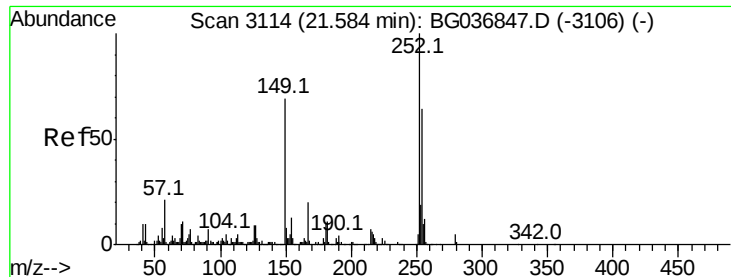
Sohil  
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#80  
Benzo(a)anthracene  
Concen: 47.354 ng  
RT: 21.66 min Scan# 3126  
Delta R.T. -0.02 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 228     | 100   |      |       |       |
| 226     | 29.4  | 23.4 | 35.2  |       |
| 229     | 20.8  | 17.1 | 25.7  |       |





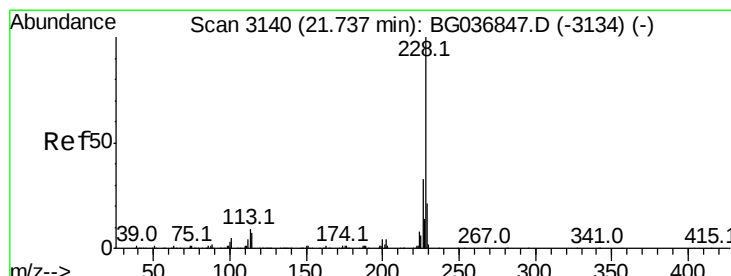
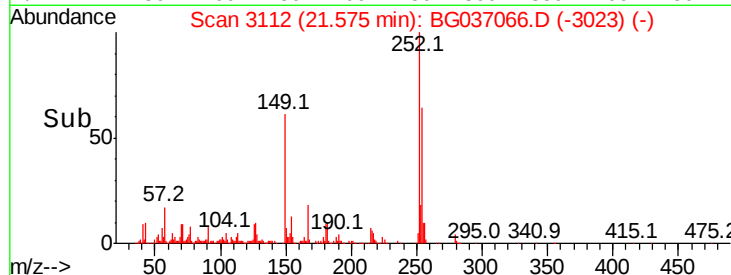
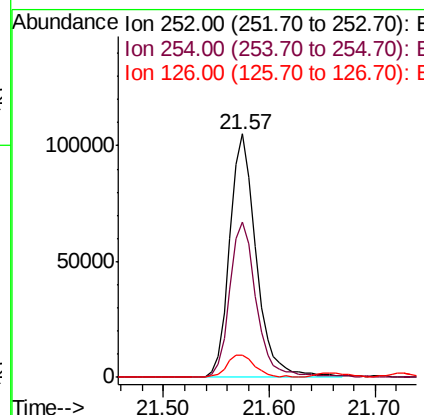
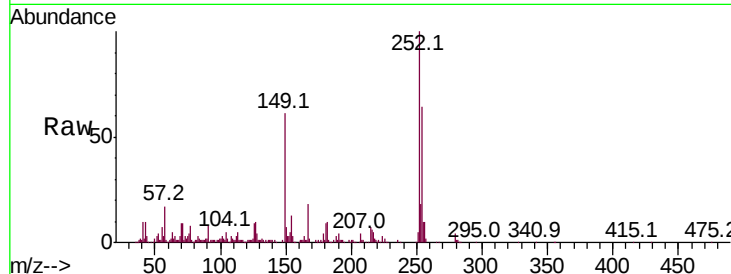
#81  
 3,3'-Dichlorobenzidine  
 Concen: 28.489 ng  
 RT: 21.57 min Scan# 3112  
 Delta R.T. -0.01 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 252     | 100   | 183020 |       |       |
| 254     | 64.0  | 51.0   | 76.4  |       |
| 126     | 9.2   | 7.4    | 11.0  |       |

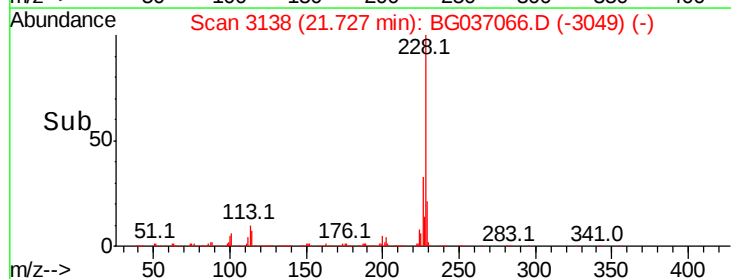
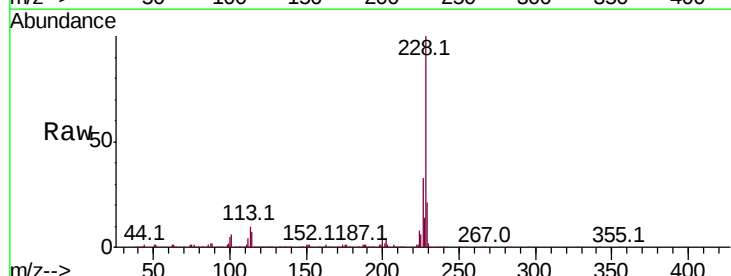
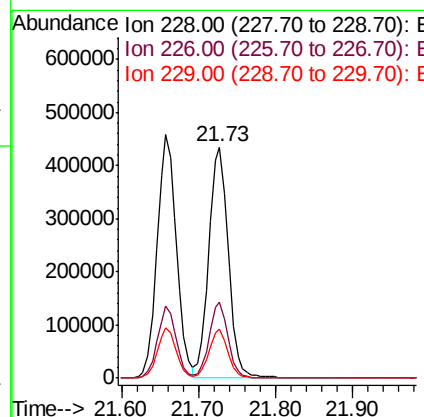
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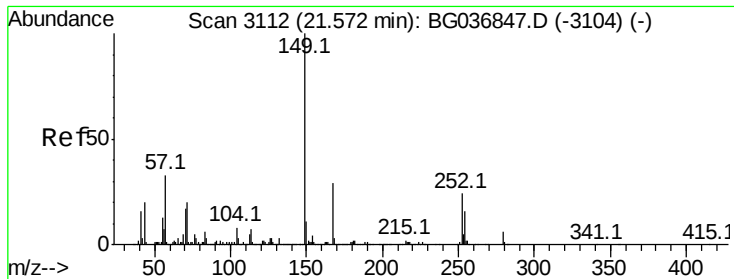
Sohil  
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#82  
 Chrysene  
 Concen: 46.518 ng  
 RT: 21.73 min Scan# 3138  
 Delta R.T. -0.01 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 758558 |       |       |
| 226     | 32.8  | 25.5   | 38.3  |       |
| 229     | 21.4  | 16.9   | 25.3  |       |





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.940 ng

RT: 21.56 min Scan# 3109

Delta R.T. -0.02 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA\_G

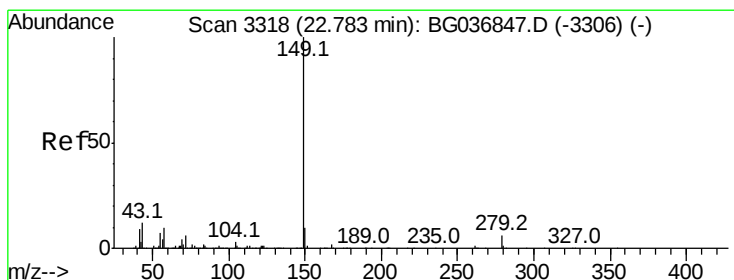
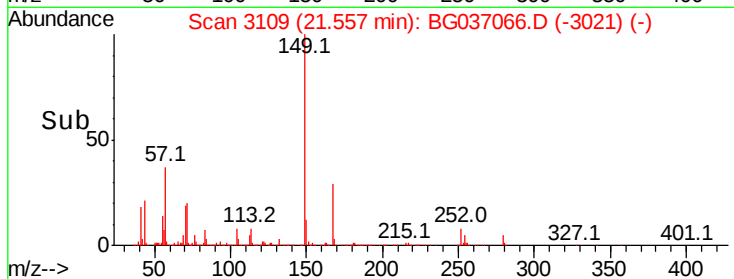
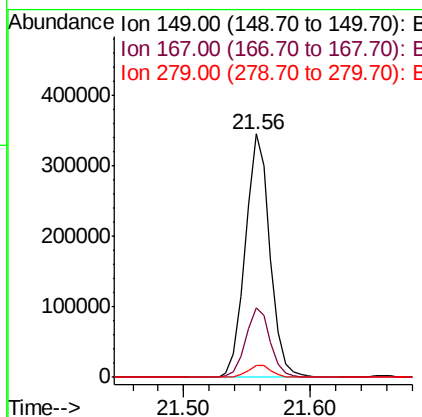
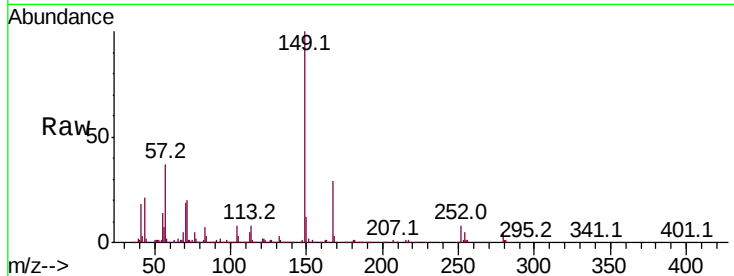
ClientSampleId :

PB113331BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 463132 |       |       |
| 167     | 28.8  | 23.4   | 35.0  |       |
| 279     | 5.1   | 4.6    | 7.0   |       |

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#84

Di-n-octyl phthalate

Concen: 49.761 ng

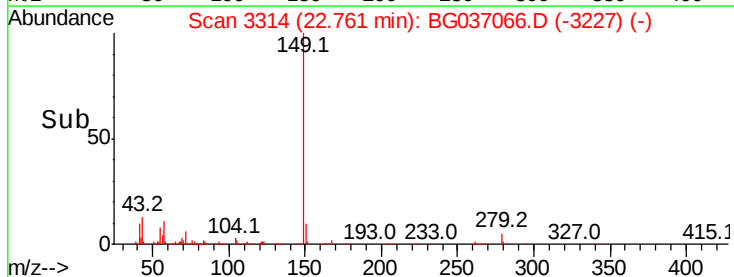
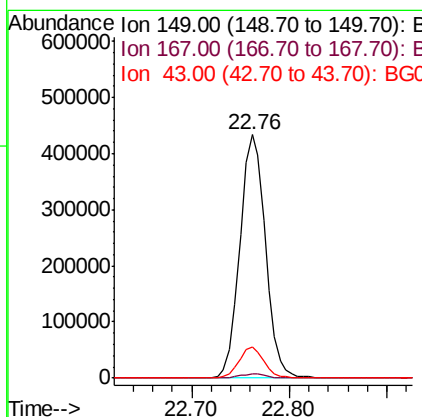
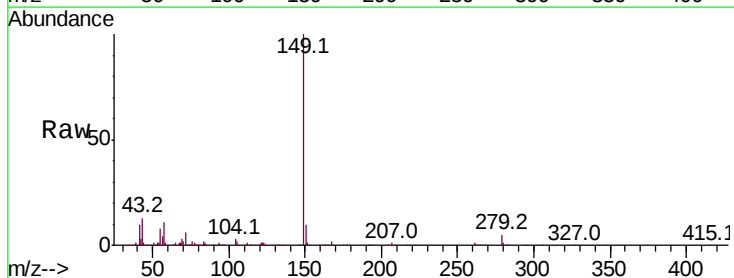
RT: 22.76 min Scan# 3314

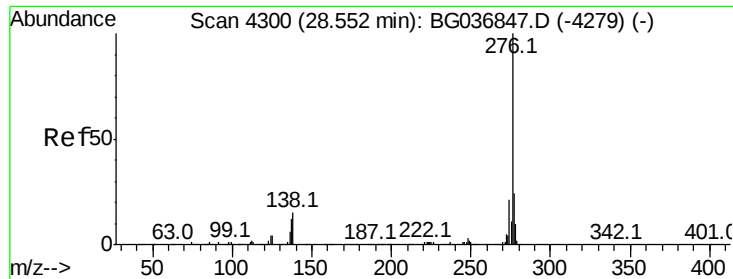
Delta R.T. -0.02 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 791499 |       |       |
| 167     | 1.7   | 1.3    | 1.9   |       |
| 43      | 12.5  | 10.0   | 15.0  |       |





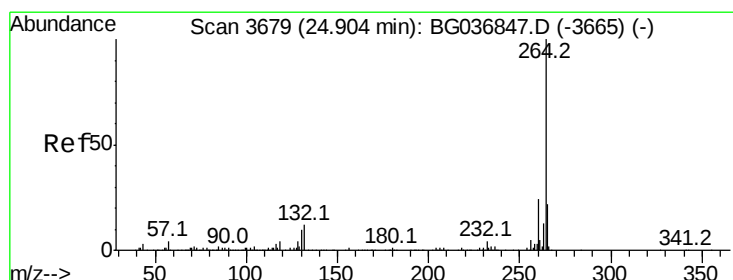
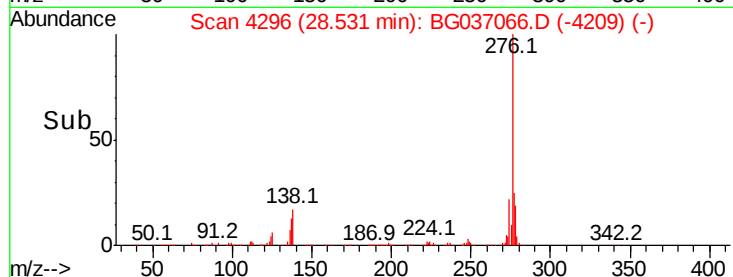
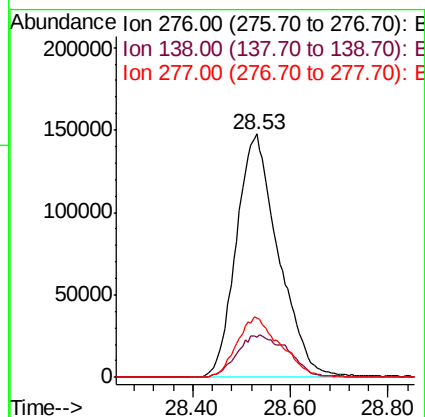
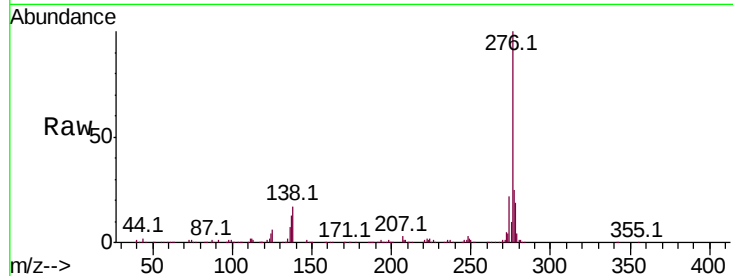
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 50.299 ng  
RT: 28.53 min Scan# 4296  
Delta R.T. -0.02 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 880789 |       |       |
| 138     | 21.2  |        | 10.6  | 15.8# |
| 277     | 25.7  |        | 20.6  | 30.8  |

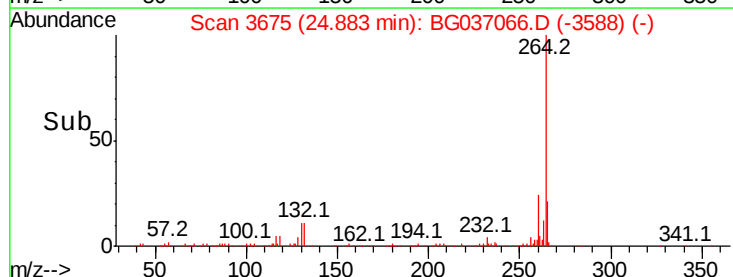
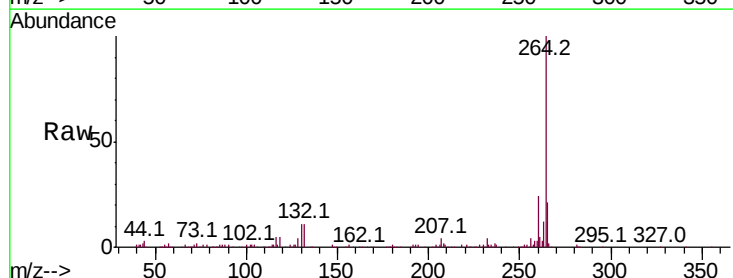
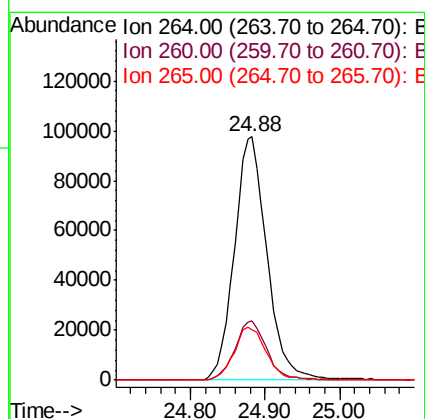
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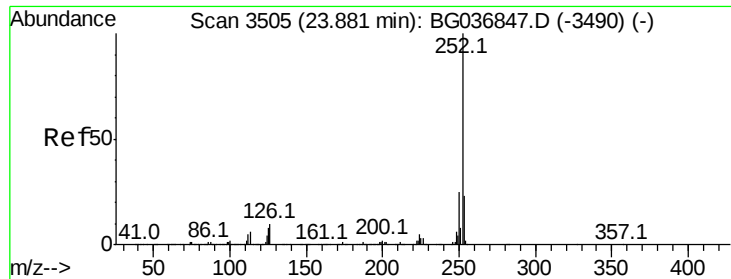
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.88 min Scan# 3675  
Delta R.T. -0.02 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 294487 |       |       |
| 260     | 24.5  |        | 19.6  | 29.4  |
| 265     | 20.7  |        | 17.4  | 26.0  |





#87

Benzo(b)fluoranthene

Concen: 48.459 ng

RT: 23.87 min Scan# 3502

Delta R.T. -0.02 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

Instrument :

BNA\_G

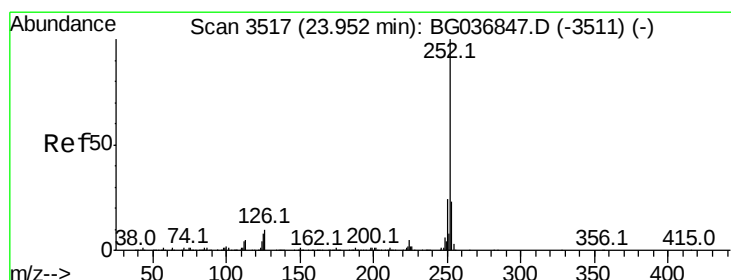
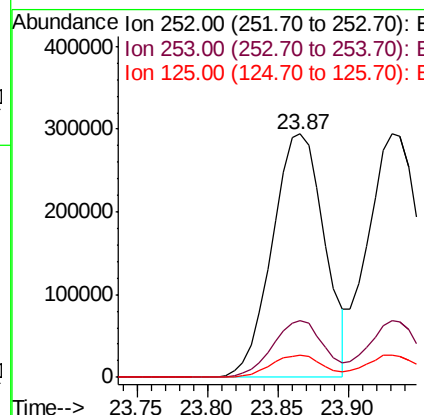
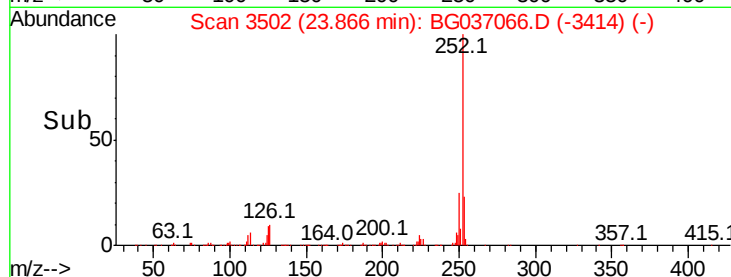
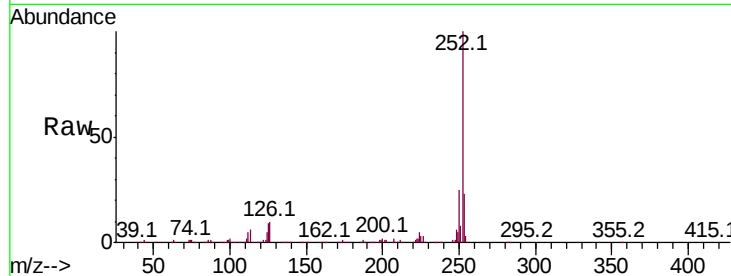
ClientSampleId :

PB113331BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 760517 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.4  | 17.1  | 25.7   |
| 125       | 9.3   | 6.6   | 10.0   |

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#88

Benzo(k)fluoranthene

Concen: 49.472 ng

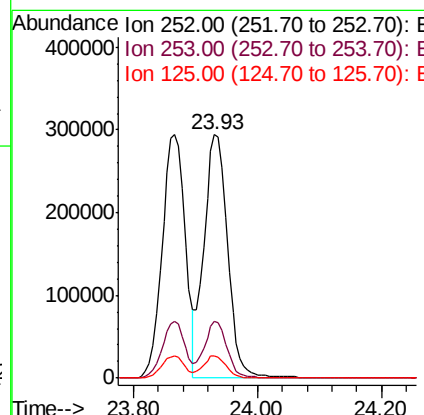
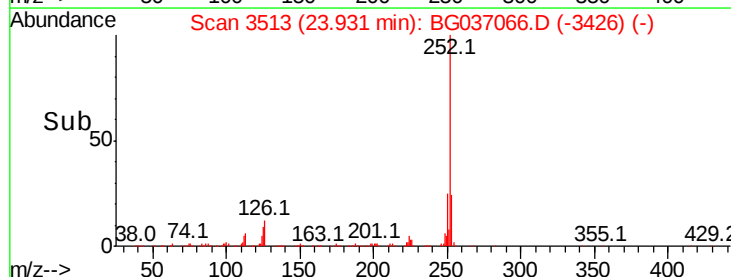
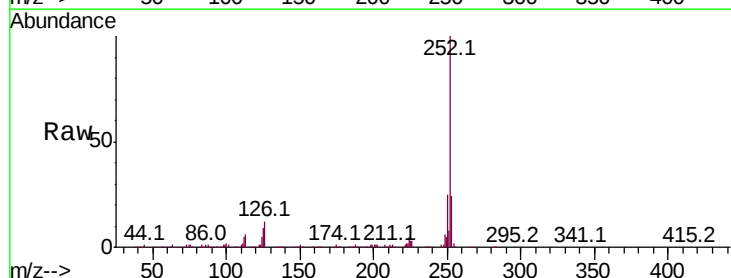
RT: 23.93 min Scan# 3513

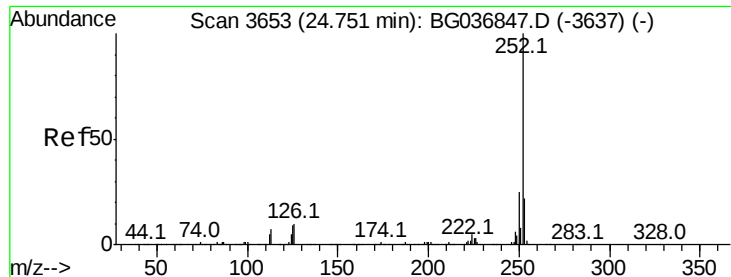
Delta R.T. -0.02 min

Lab File: BG037066.D

Acq: 29 Sep 2018 1:33

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 778950 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.6  | 18.0  | 27.0   |
| 125       | 9.1   | 7.0   | 10.6   |





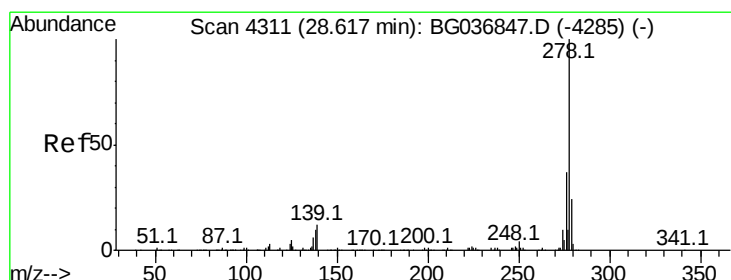
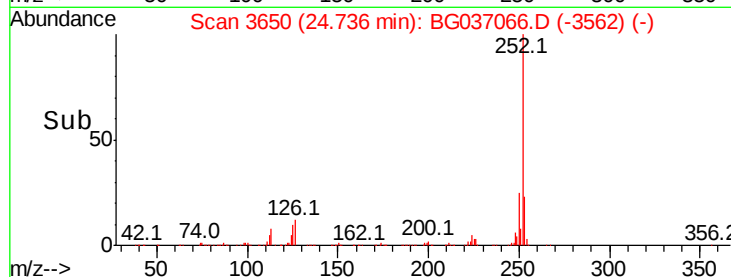
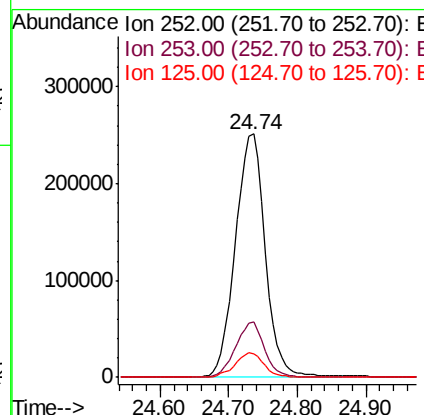
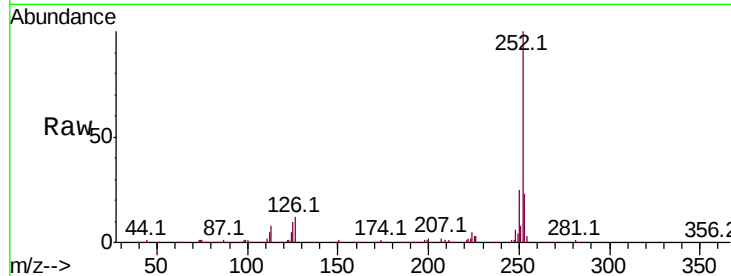
#89  
Benzo(a)pyrene  
Concen: 50.142 ng  
RT: 24.74 min Scan# 3650  
Delta R.T. -0.02 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.6  | 18.2  | 27.2  |
| 125     | 9.7   | 7.3   | 10.9  |

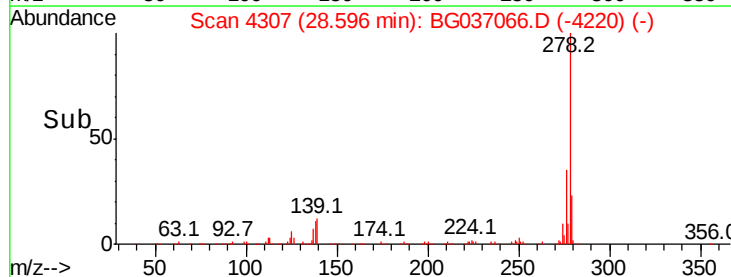
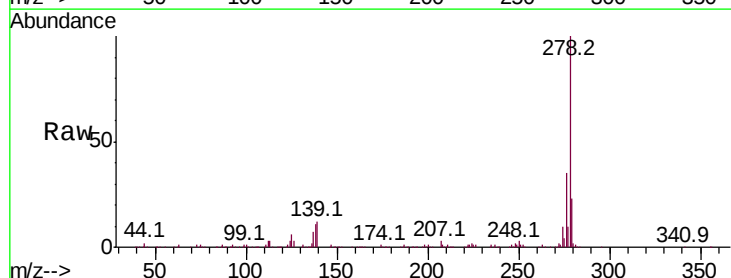
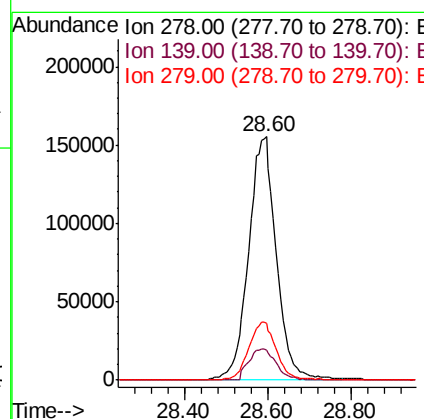
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#90  
Dibenzo(a,h)anthracene  
Concen: 50.756 ng  
RT: 28.60 min Scan# 4307  
Delta R.T. -0.02 min  
Lab File: BG037066.D  
Acq: 29 Sep 2018 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 12.5  | 11.0  | 16.4  |
| 279     | 23.3  | 18.7  | 28.1  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 51.466 ng  
 RT: 29.67 min Scan# 4490  
 Delta R.T. -0.03 min  
 Lab File: BG037066.D  
 Acq: 29 Sep 2018 1:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 734475 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 22.8  | 18.4  | 27.6   |
| 138       | 16.5  | 14.6  | 22.0   |

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