

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\  
 Data File : BG037077.D  
 Acq On : 1 Oct 2018 15:44  
 Operator : JU/SJ  
 Sample : PB113331BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BS

Manual Integrations  
 APPROVED

Sohil  
 10/2/2018 5:20:38 PM

Quant Time: Oct 01 16:20:00 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  | 48173    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.84 | 136  | 200120   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.66 | 164  | 129793   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.41 | 188  | 335862   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.68 | 240  | 327741   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 24.88 | 264  | 336564   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 358944  | 142.90 | ng | 0.00  |
| 7) Phenol-d6             | 7.21  | 99  | 484395  | 124.64 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.20  | 82  | 314085  | 84.05  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 16.15 | 330 | 202996  | 130.72 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 13.29 | 172 | 693869  | 79.62  | ng | -0.01 |
| 78) Terphenyl-d14        | 20.01 | 244 | 1194551 | 95.84  | ng | -0.01 |

## Target Compounds

|                                |       |     |        |         |    | Qvalue |
|--------------------------------|-------|-----|--------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 50381  | 43.832  | ng | 100    |
| 3) Pyridine                    | 3.91  | 79  | 132801 | 40.014  | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 72545  | 49.181  | ng | # 93   |
| 6) Aniline                     | 7.36  | 93  | 154720 | 30.681  | ng | 96     |
| 8) 2-Chlorophenol              | 7.61  | 128 | 139113 | 47.696  | ng | 94     |
| 9) Benzaldehyde                | 7.18  | 77  | 86388  | 33.640  | ng | 96     |
| 10) Phenol                     | 7.23  | 94  | 190473 | 47.489  | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93  | 136978 | 36.920  | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.93  | 146 | 150079 | 41.971  | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 150221 | 41.052  | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.39  | 146 | 145358 | 40.991  | ng | 99     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 124721 | 39.551  | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 286210 | 40.181  | ng | 96     |
| 17) 2-Methylphenol             | 8.48  | 107 | 121892 | 43.628  | ng | 99     |
| 18) Hexachloroethane           | 9.12  | 117 | 58691  | 43.584  | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.84  | 70  | 119671 | 37.015  | ng | 93     |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 170006 | 43.740  | ng | 97     |
| 22) Acetophenone               | 8.86  | 105 | 212856 | 45.262  | ng | # 98   |
| 24) Nitrobenzene               | 9.25  | 77  | 175071 | 43.869  | ng | 96     |
| 25) Isophorone                 | 9.76  | 82  | 334194 | 48.942  | ng | 99     |
| 26) 2-Nitrophenol              | 9.96  | 139 | 75210  | 47.281  | ng | 98     |
| 27) 2,4-Dimethylphenol         | 10.01 | 122 | 130384 | 52.620  | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93  | 194674 | 46.203  | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 145165 | 50.538  | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.70 | 180 | 155776 | 43.336  | ng | 100    |
| 31) Naphthalene                | 10.90 | 128 | 447527 | 47.000  | ng | 99     |
| 32) Benzoic acid               | 10.16 | 122 | 40320  | 24.483  | ng | 94     |
| 33) 4-Chloroaniline            | 11.01 | 127 | 97701  | 22.567  | ng | 98     |
| 34) Hexachlorobutadiene        | 11.17 | 225 | 104513 | 42.043  | ng | 99     |
| 35) Caprolactam                | 11.78 | 113 | 54870m | 46.412  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 164906 | 48.115  | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 342301 | 47.201  | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 188483 | 41.636  | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.84 | 237 | 234185 | 100.585 | ng | 100    |

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Manual Integrations  
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Quant Time: Oct 01 16:20:00 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  | 118859   | 47.282  | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 13.18 | 196  | 136353   | 50.868  | ng    | 99       |
| 45) 1,1'-Biphenyl              | 13.50 | 154  | 444106   | 44.677  | ng    | 98       |
| 46) 2-Chloronaphthalene        | 13.55 | 162  | 339409   | 43.418  | ng    | 99       |
| 47) 2-Nitroaniline             | 13.75 | 65   | 124343   | 45.987  | ng    | 99       |
| 48) Acenaphthylene             | 14.39 | 152  | 587148   | 47.932  | ng    | 100      |
| 49) Dimethylphthalate          | 14.12 | 163  | 467047   | 44.704  | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.24 | 165  | 103183   | 45.267  | ng    | 97       |
| 51) Acenaphthene               | 14.73 | 154  | 333397   | 45.033  | ng    | 99       |
| 52) 3-Nitroaniline             | 14.57 | 138  | 75721    | 31.524  | ng    | 90       |
| 53) 2,4-Dinitrophenol          | 14.78 | 184  | 50552    | 50.446  | ng    | 95       |
| 54) Dibenzofuran               | 15.06 | 168  | 560288   | 44.742  | ng    | 99       |
| 55) 4-Nitrophenol              | 14.88 | 139  | 159808   | 104.145 | ng    | 97       |
| 56) 2,4-Dinitrotoluene         | 15.03 | 165  | 151539   | 47.643  | ng    | 91       |
| 57) Fluorene                   | 15.71 | 166  | 454141   | 48.520  | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 138811   | 51.048  | ng    | 96       |
| 59) Diethylphthalate           | 15.48 | 149  | 474925   | 45.071  | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.70 | 204  | 252518   | 42.601  | ng    | 100      |
| 61) 4-Nitroaniline             | 15.74 | 138  | 116191   | 45.988  | ng    | 92       |
| 62) Azobenzene                 | 16.00 | 77   | 477683   | 47.179  | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 15.79 | 198  | 65122    | 37.087  | ng    | 95       |
| 65) n-Nitrosodiphenylamine     | 15.92 | 169  | 416075   | 44.873  | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.60 | 248  | 160817   | 42.096  | ng    | 97       |
| 67) Hexachlorobenzene          | 16.72 | 284  | 166906   | 42.420  | ng    | 98       |
| 68) Atrazine                   | 16.87 | 200  | 175401   | 46.719  | ng    | 99       |
| 69) Pentachlorophenol          | 17.06 | 266  | 170291   | 68.743  | ng    | 96       |
| 70) Phenanthrene               | 17.45 | 178  | 771402   | 47.662  | ng    | 99       |
| 71) Anthracene                 | 17.55 | 178  | 798625   | 49.902  | ng    | 100      |
| 72) Carbazole                  | 17.81 | 167  | 705933   | 45.241  | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.36 | 149  | 824435   | 47.576  | ng    | 100      |
| 74) Fluoranthene               | 19.46 | 202  | 947149   | 48.616  | ng    | 99       |
| 76) Benzidine                  | 19.64 | 184  | 329752   | 33.283  | ng    | 97       |
| 77) Pyrene                     | 19.82 | 202  | 933705   | 47.475  | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.70 | 149  | 374690   | 47.797  | ng    | 97       |
| 80) Benzo(a)anthracene         | 21.66 | 228  | 920027   | 48.089  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 227784   | 31.279  | ng    | 96       |
| 82) Chrysene                   | 21.72 | 228  | 865992   | 46.848  | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.56 | 149  | 521225   | 47.595  | ng    | 100      |
| 84) Di-n-octyl phthalate       | 22.76 | 149  | 880360   | 48.825  | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.53 | 276  | 1011895  | 50.977  | ng    | # 93     |
| 87) Benzo(b)fluoranthene       | 23.86 | 252  | 892853   | 49.779  | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 23.93 | 252  | 880463   | 48.929  | ng    | 98       |
| 89) Benzo(a)pyrene             | 24.73 | 252  | 872764   | 50.331  | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.59 | 278  | 827491   | 50.917  | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 29.67 | 276  | 838924   | 51.435  | ng    | 98       |

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

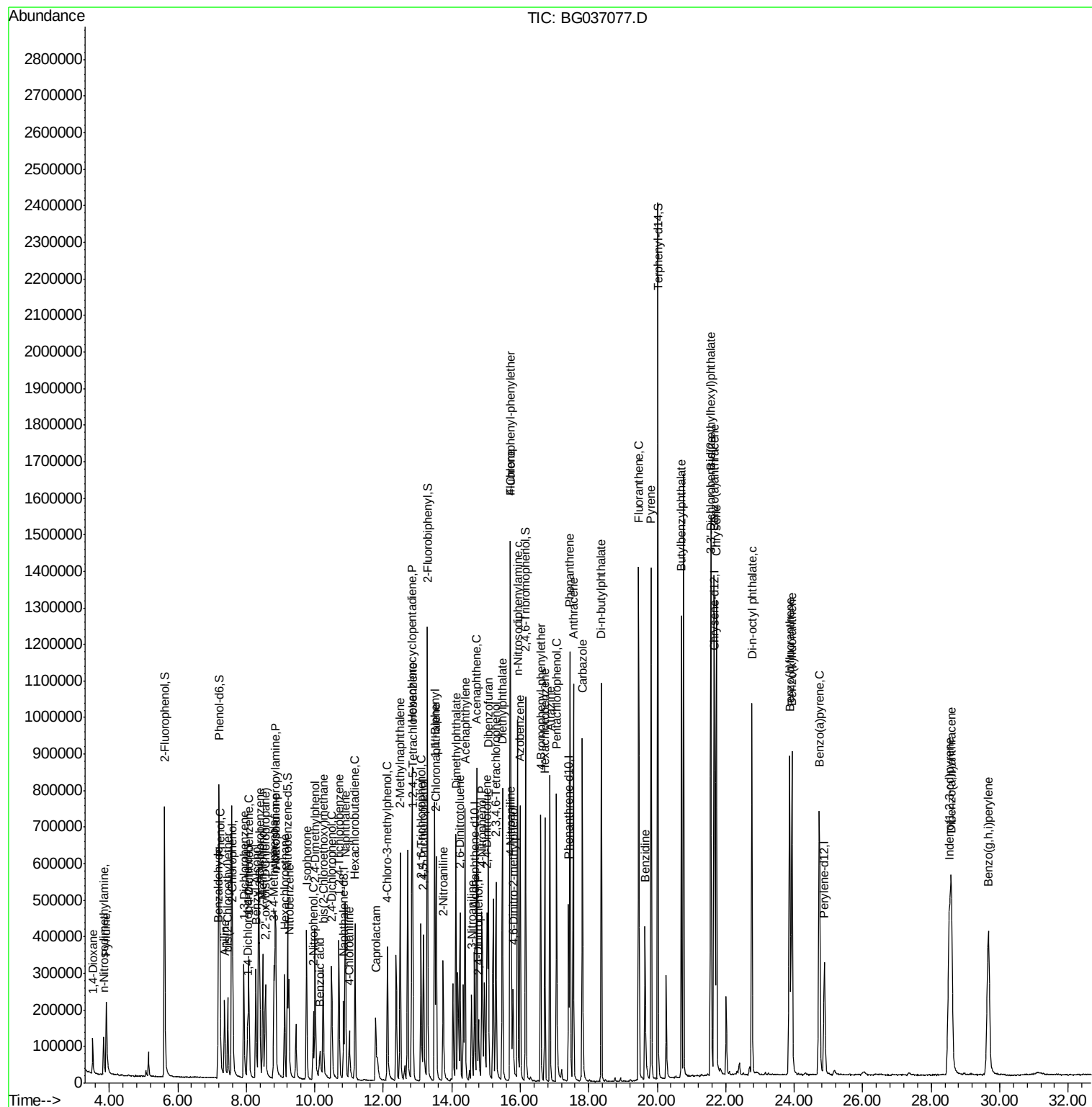
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\  
 Data File : BG037077.D  
 Acq On : 1 Oct 2018 15:44  
 Operator : JU/SJ  
 Sample : PB113331BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

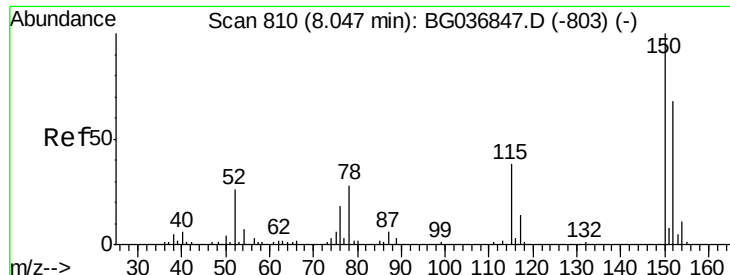
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BS

Manual Integrations  
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Quant Time: Oct 01 16:20:00 2018  
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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#1

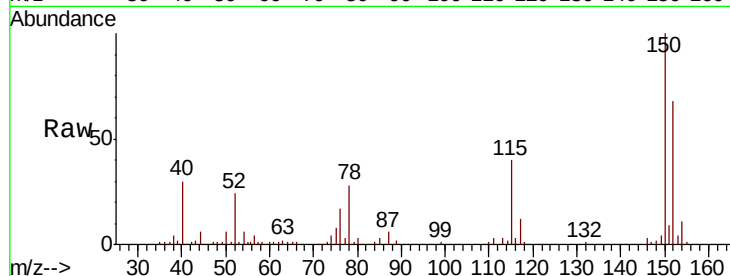
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.04 min Scan# 809  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 147.7 | 119.5 | 179.3 |
| 115     | 59.2  | 44.5  | 66.7  |

Manual Integrations  
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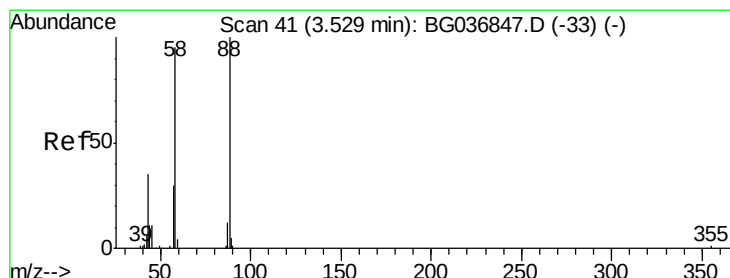
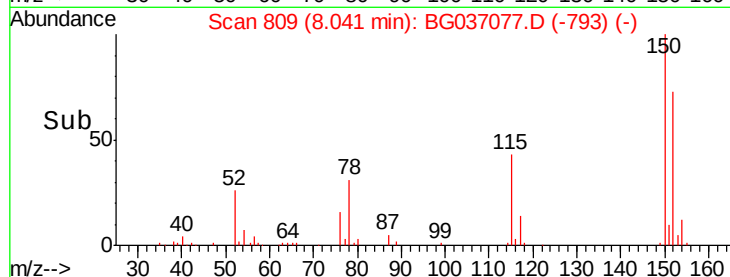
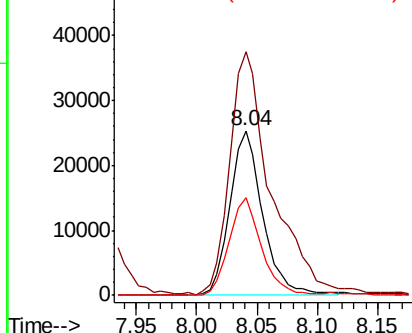


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

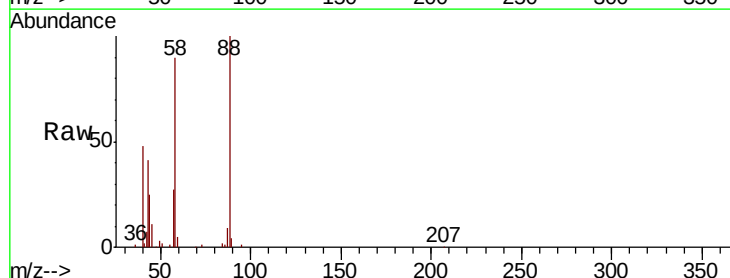
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 43.832 ng  
RT: 3.52 min Scan# 39  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 90.6  | 72.6  | 109.0 |
| 43      | 35.6  | 29.0  | 43.4  |

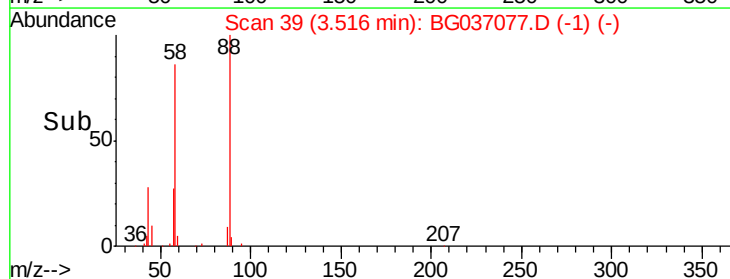
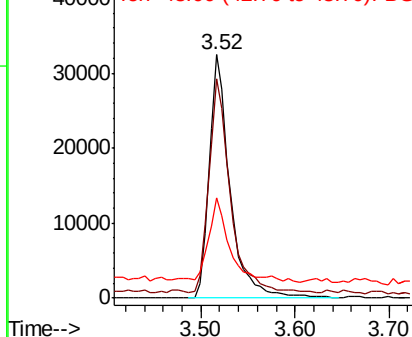


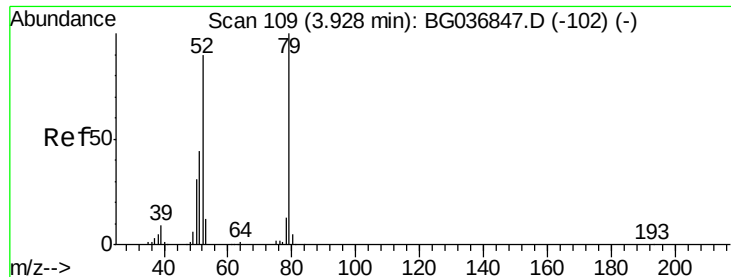
Abundance

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: 40.014 ng

RT: 3.91 min Scan# 106

Delta R.T. -0.02 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

Instrument :

BNA\_G

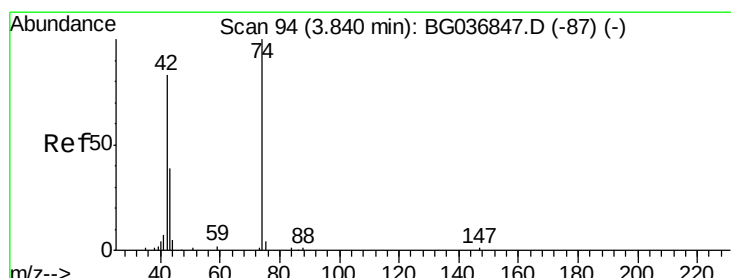
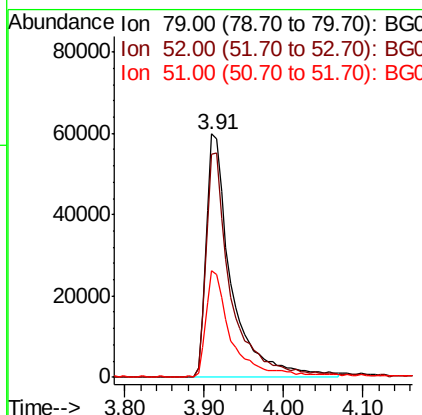
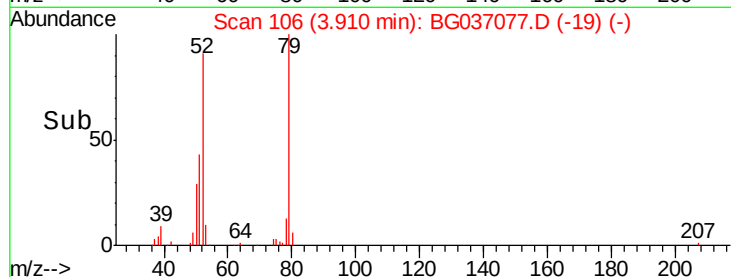
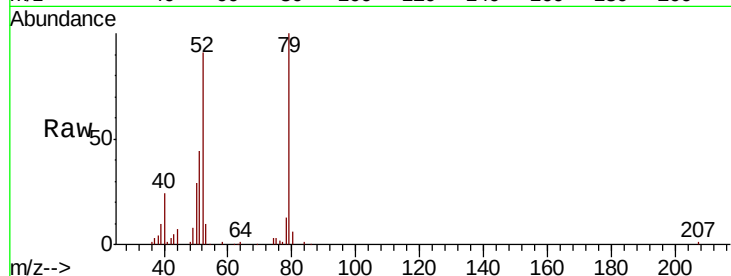
ClientSampleId :

PB113331BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 132801 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 91.5  | 72.3  | 108.5  |
| 51        | 43.8  | 33.8  | 50.6   |

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#4

n-Nitrosodimethylamine

Concen: 49.181 ng

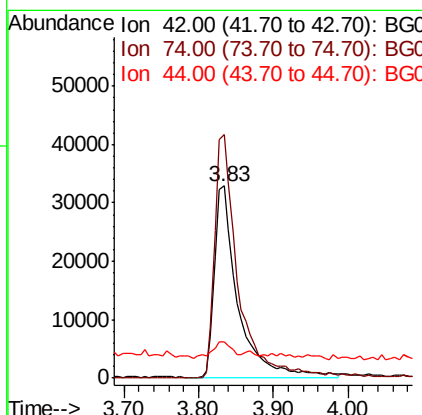
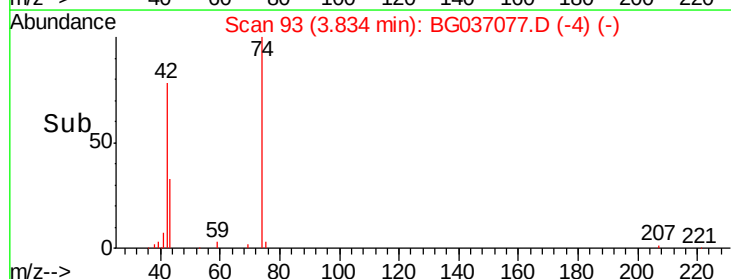
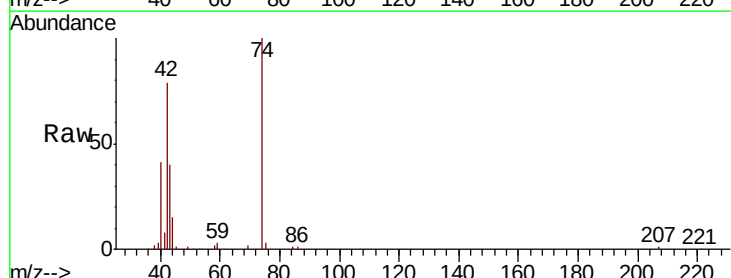
RT: 3.83 min Scan# 93

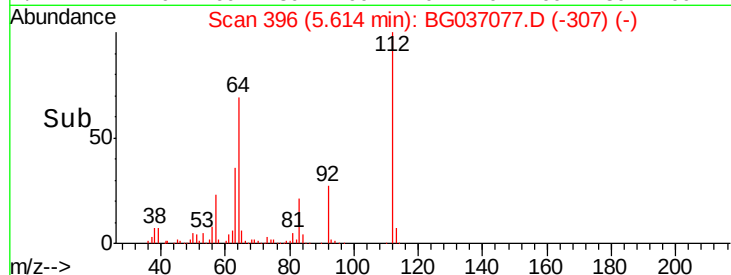
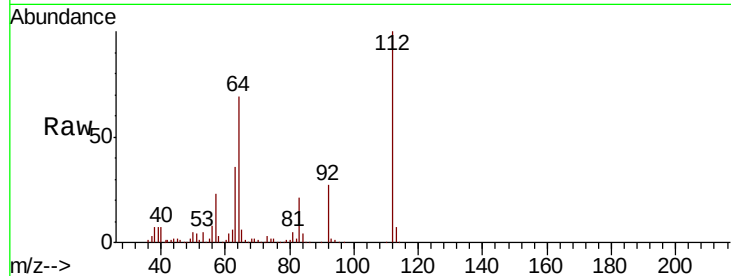
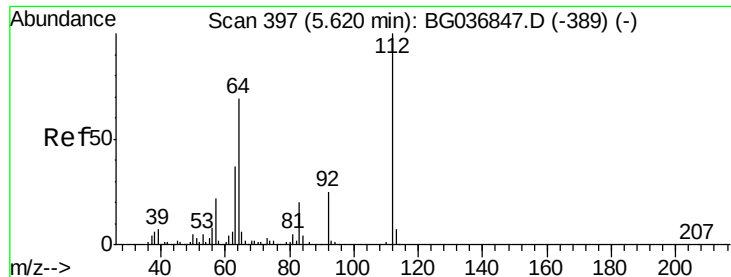
Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 72545 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 126.6 | 96.6  | 145.0 |
| 44        | 18.9  | 7.0   | 10.4# |





#5

2-Fluorophenol

Concen: 142.897 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

Instrument :

BNA\_G

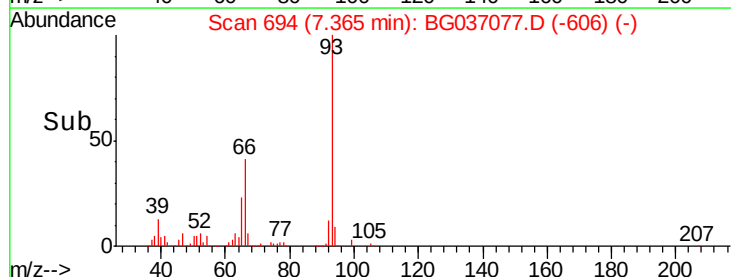
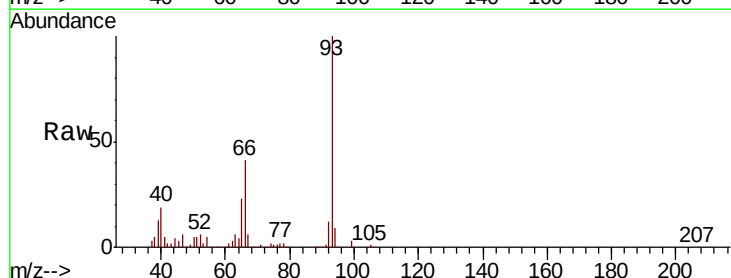
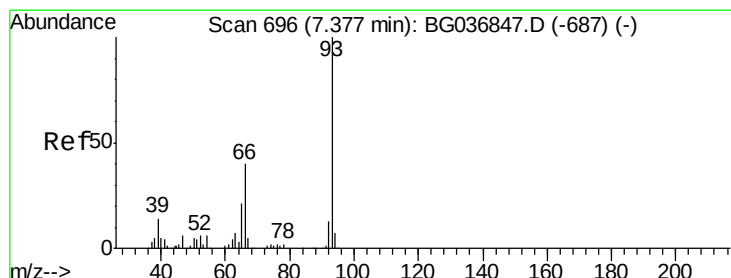
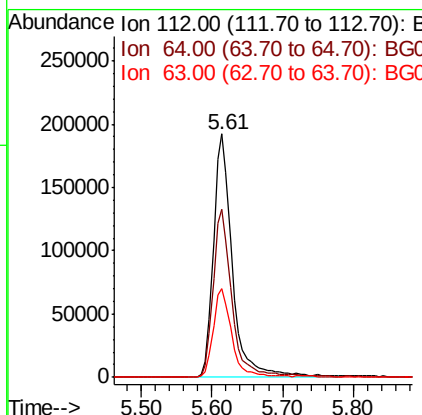
ClientSampled :

PB113331BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 358944 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 69.1  | 57.2  | 85.8   |
| 63        | 36.5  | 30.8  | 46.2   |

Manual Integrations  
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#6

Aniline

Concen: 30.681 ng

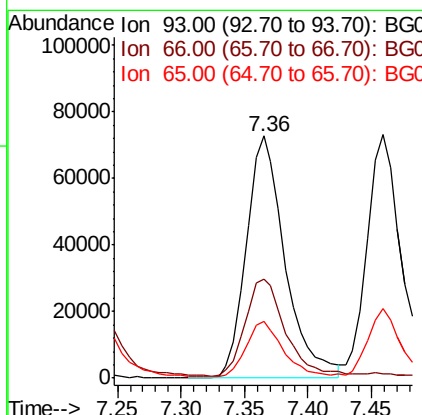
RT: 7.36 min Scan# 694

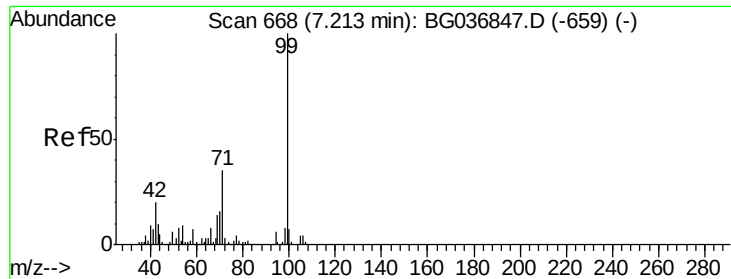
Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 154720 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 41.1  | 35.0  | 52.4   |
| 65        | 23.4  | 17.6  | 26.4   |





#7

Phenol-d6

Concen: 124.640 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

Instrument :

BNA\_G

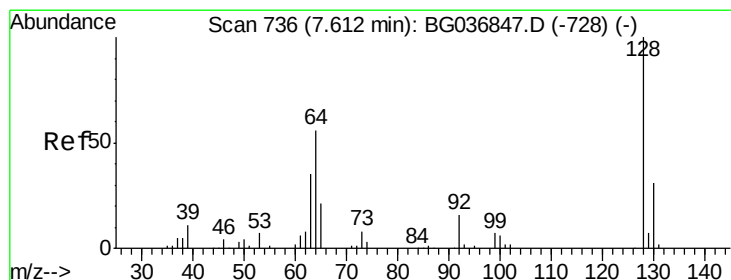
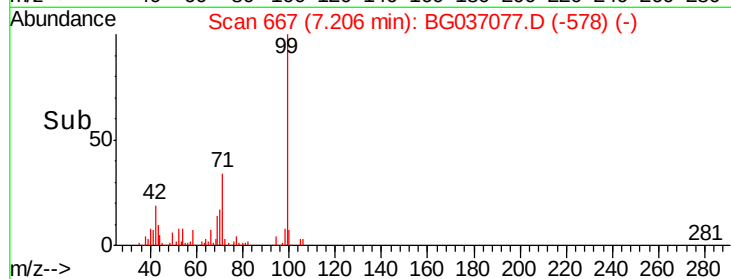
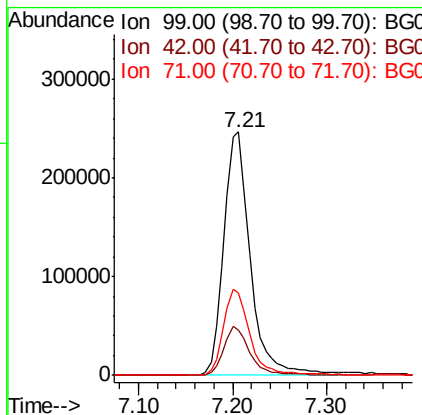
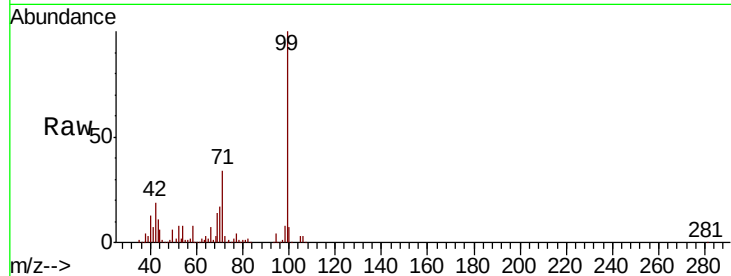
ClientSampleId :

PB113331BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 99    | Resp: | 484395 |
| Ion      | Ratio | Lower | Upper  |
| 99       | 100   |       |        |
| 42       | 18.8  | 16.5  | 24.7   |
| 71       | 34.0  | 29.4  | 44.2   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 47.696 ng

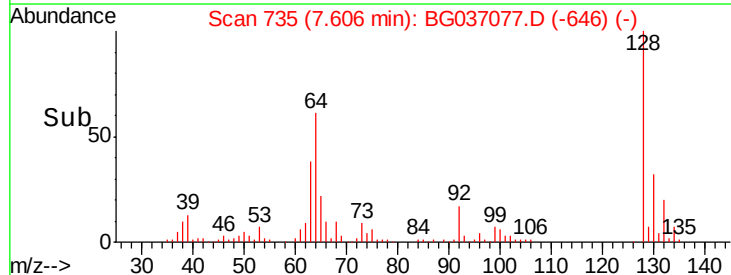
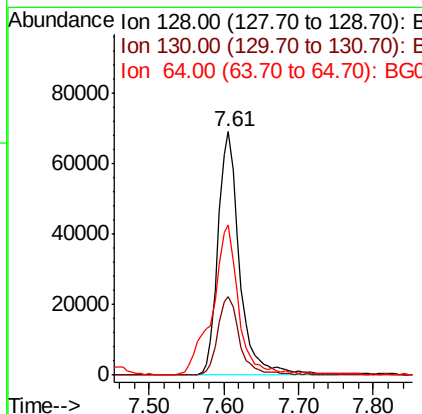
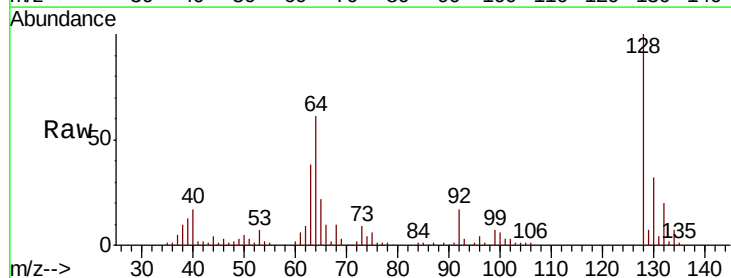
RT: 7.61 min Scan# 735

Delta R.T. -0.01 min

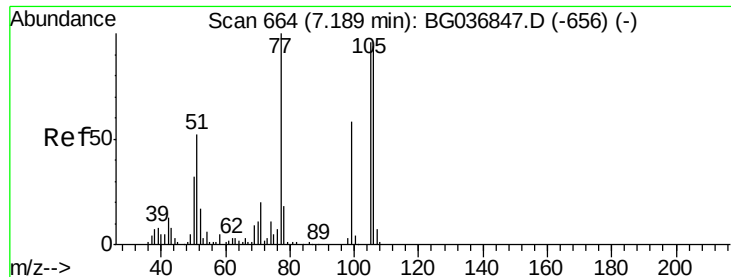
Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 128   | Resp: | 139113 |
| Ion      | Ratio | Lower | Upper  |
| 128      | 100   |       |        |
| 130      | 32.1  | 10.0  | 50.0   |
| 64       | 61.5  | 36.0  | 76.0   |







#9

Benzaldehyde

Concen: 33.640 ng

RT: 7.18 min Scan# 662

Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

Instrument :

BNA\_G

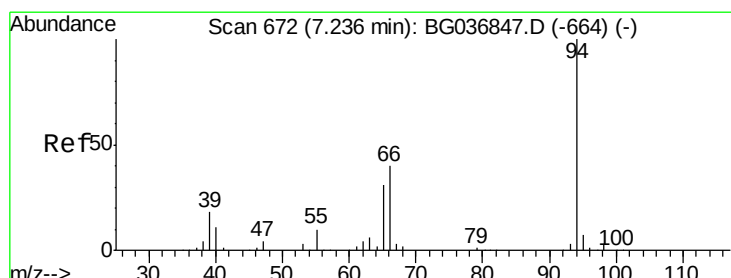
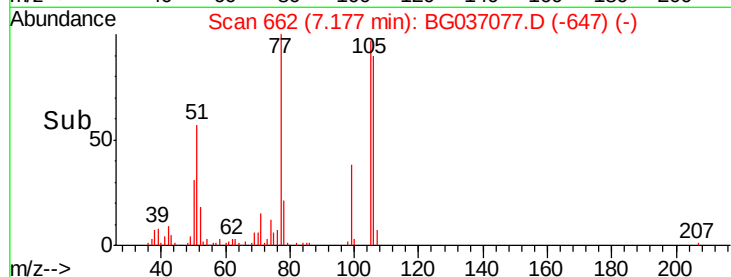
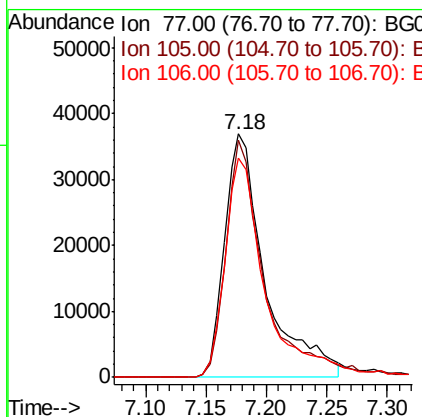
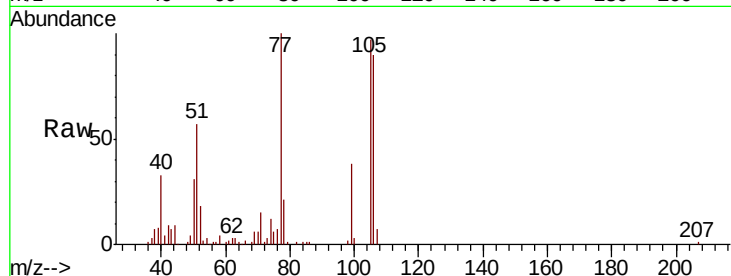
ClientSampleID :

PB113331BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 86388 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 97.4  | 70.5  | 110.5 |
| 106      | 90.0  | 69.8  | 109.8 |

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#10

Phenol

Concen: 47.489 ng

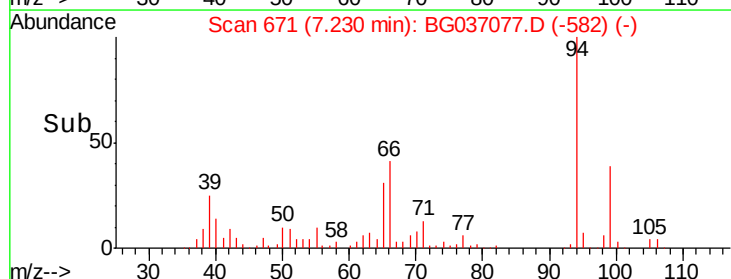
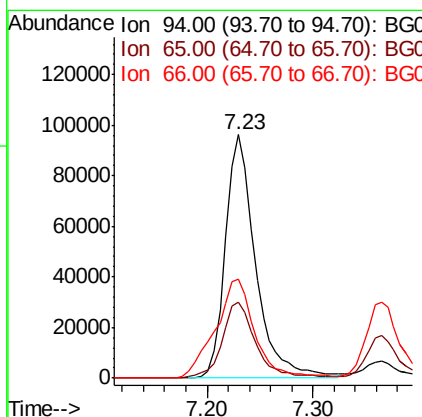
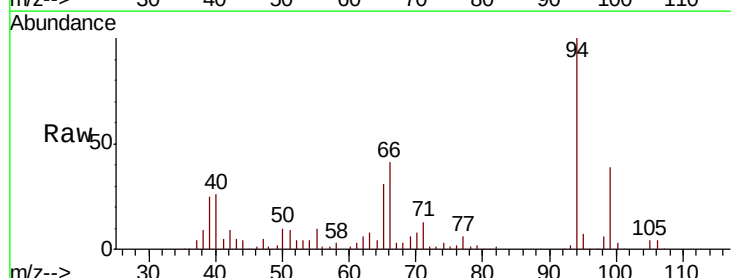
RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

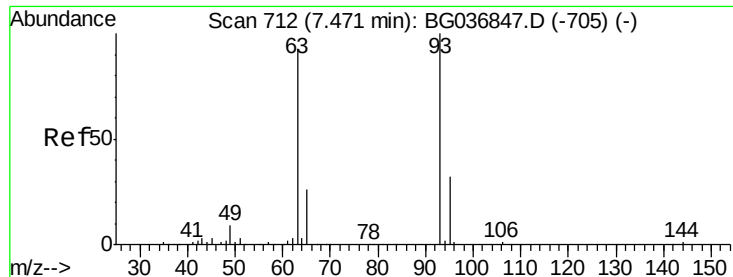
Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 190473 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 31.3  | 11.5  | 51.5   |
| 66       | 40.5  | 19.5  | 59.5   |







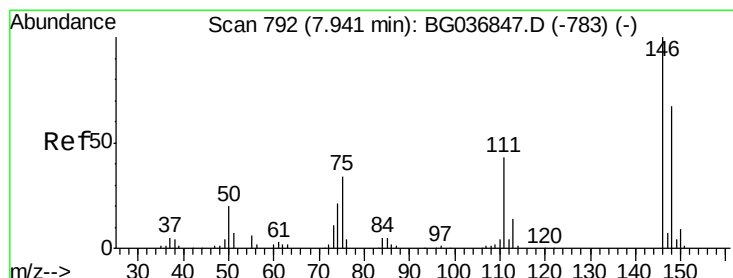
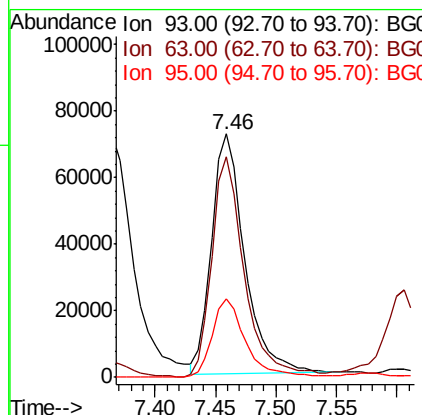
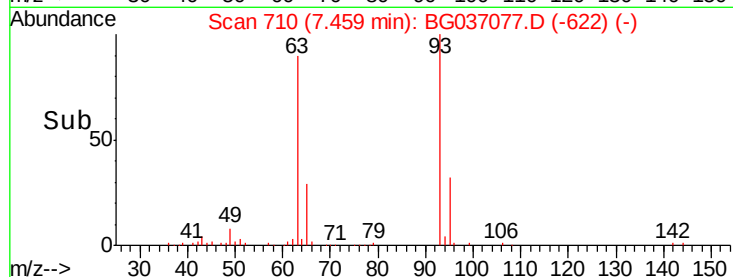
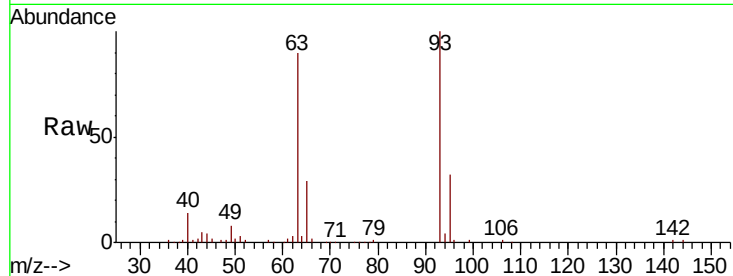
#11  
bis(2-Chloroethyl)ether  
Concen: 36.920 ng  
RT: 7.46 min Scan# 710  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampled :  
PB113331BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 136978 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 90.5  | 69.9  | 109.9  |
| 95        | 32.4  | 11.7  | 51.7   |

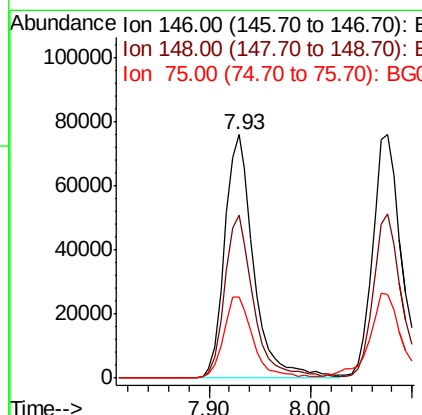
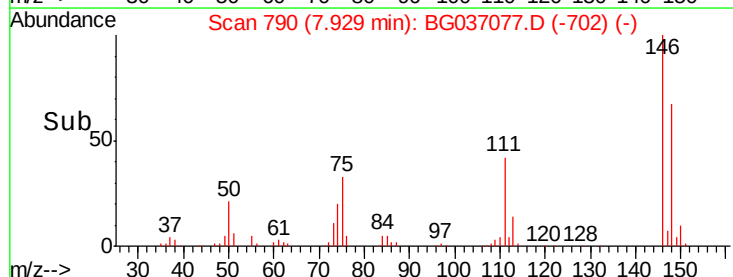
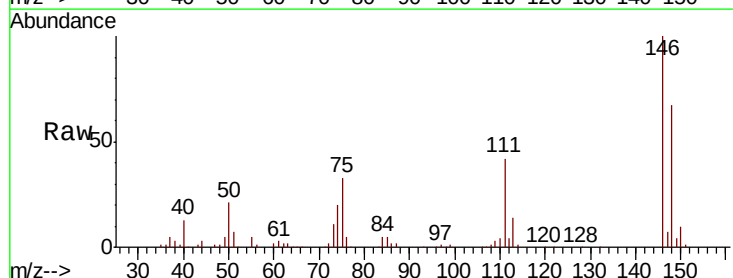
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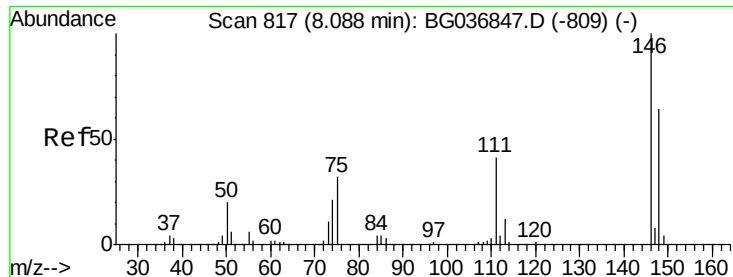
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#12  
1,3-Dichlorobenzene  
Concen: 41.971 ng  
RT: 7.93 min Scan# 790  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 146   | Resp: | 150079 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.8  | 53.8  | 80.6   |
| 75        | 33.5  | 27.2  | 40.8   |





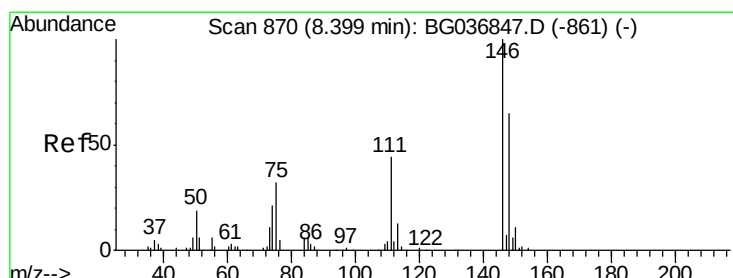
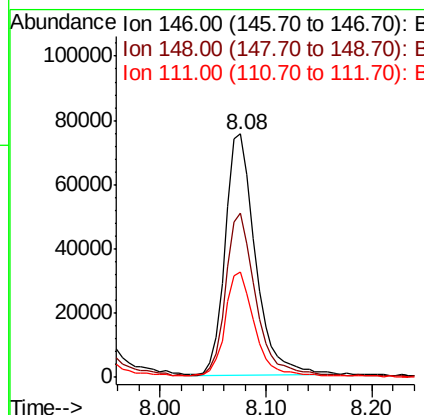
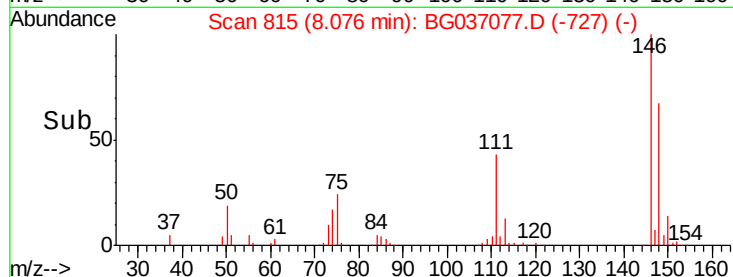
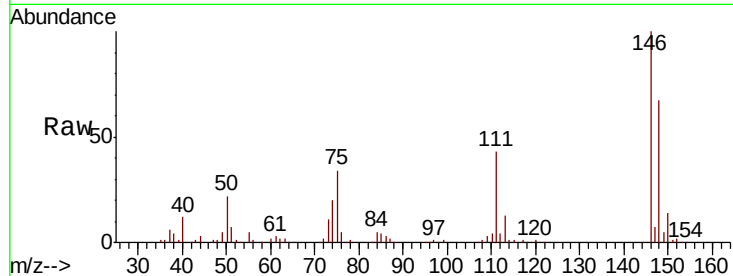
#13  
1,4-Dichlorobenzene  
Concen: 41.052 ng  
RT: 8.08 min Scan# 815  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampled :  
PB113331BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.3  | 53.9  | 80.9  |
| 111     | 43.1  | 33.8  | 50.6  |

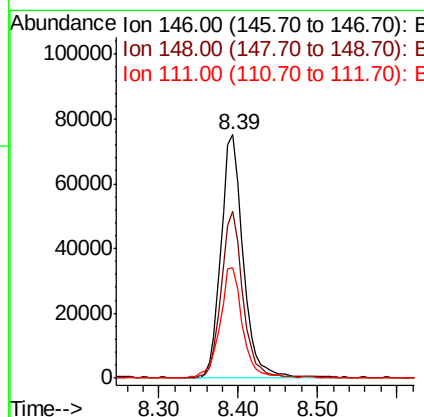
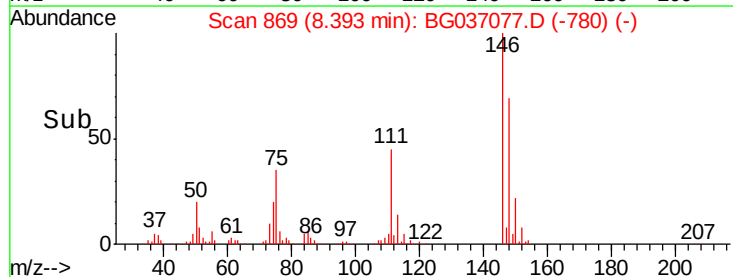
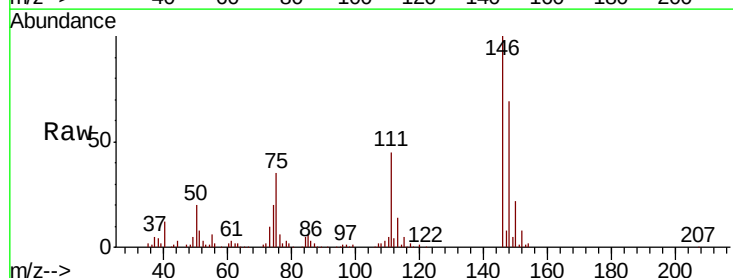
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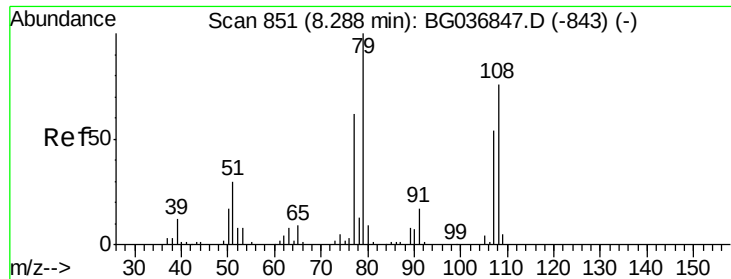
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#14  
1,2-Dichlorobenzene  
Concen: 40.991 ng  
RT: 8.39 min Scan# 869  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.7  | 55.0  | 82.6  |
| 111     | 45.4  | 34.6  | 51.8  |





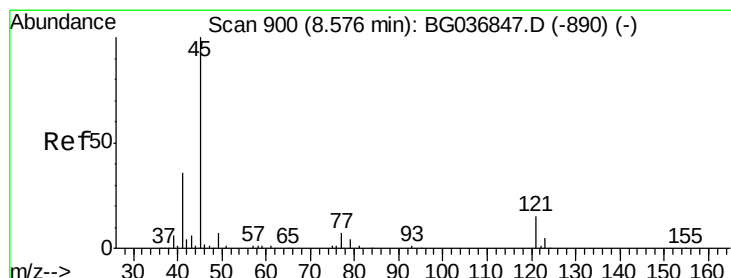
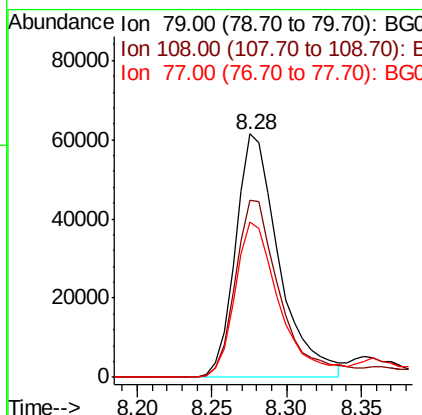
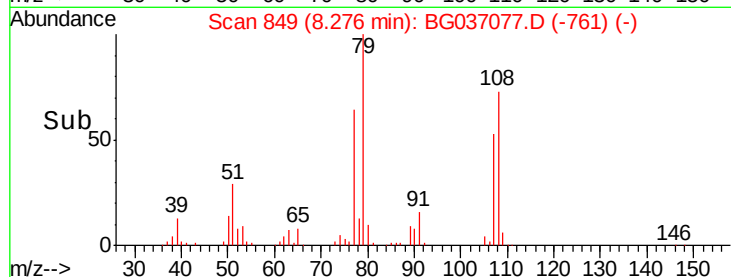
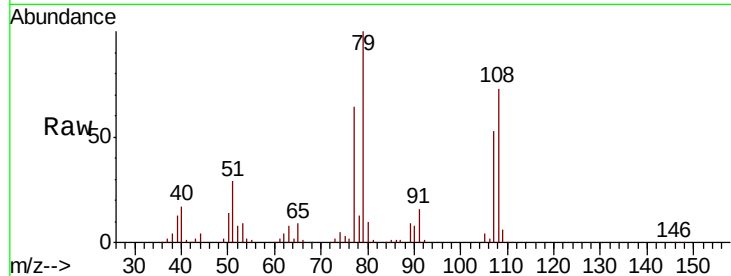
#15  
Benzyl Alcohol  
Concen: 39.551 ng  
RT: 8.28 min Scan# 849  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 72.7  | 55.9  | 83.9  |
| 77      | 64.0  | 50.0  | 75.0  |

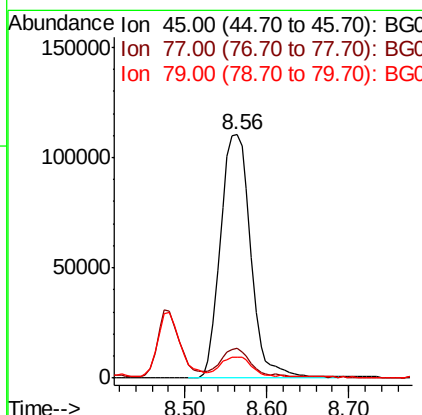
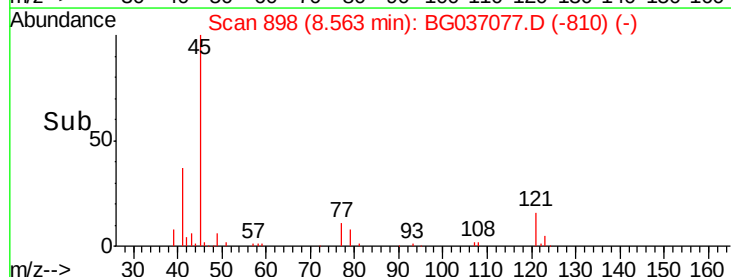
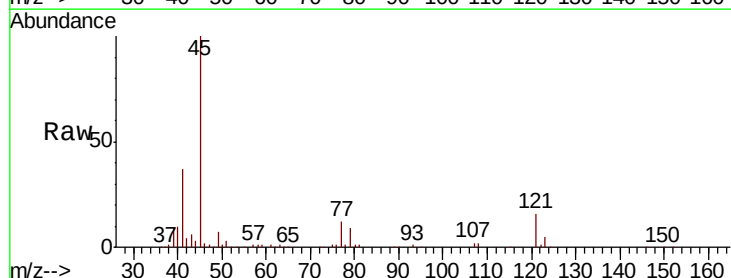
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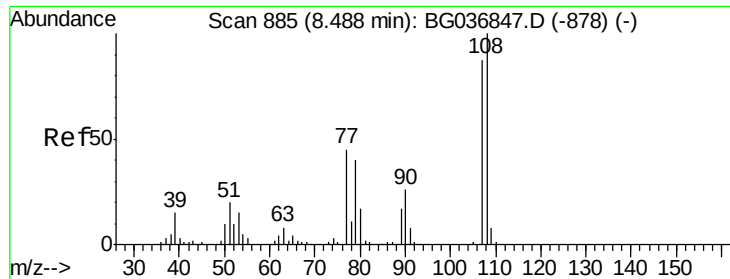
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 40.181 ng  
RT: 8.56 min Scan# 898  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 12.2  | 0.0   | 30.5  |
| 79      | 8.8   | 0.0   | 27.9  |





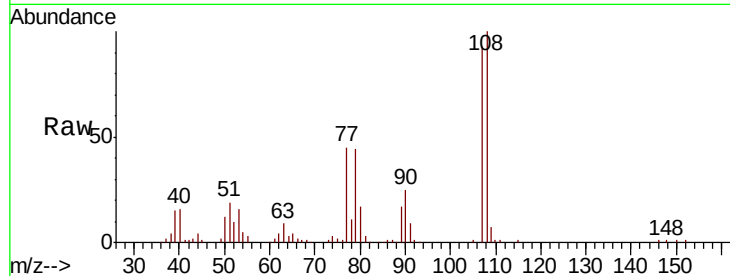
#17  
2-Methylphenol  
Concen: 43.628 ng  
RT: 8.48 min Scan# 884  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampled :  
PB113331BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 108.1 | 86.7 | 130.1 |       |
| 77      | 49.0  | 39.0 | 58.4  |       |
| 79      | 47.8  | 36.6 | 54.8  |       |

Manual Integrations  
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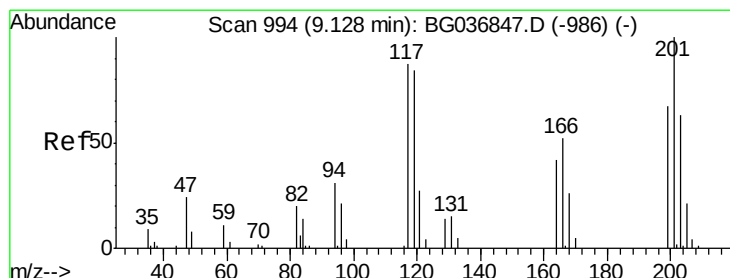
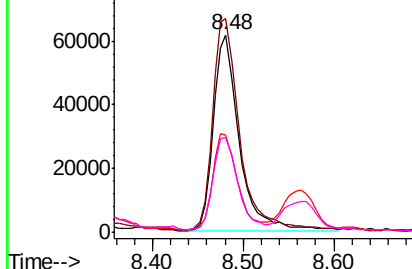
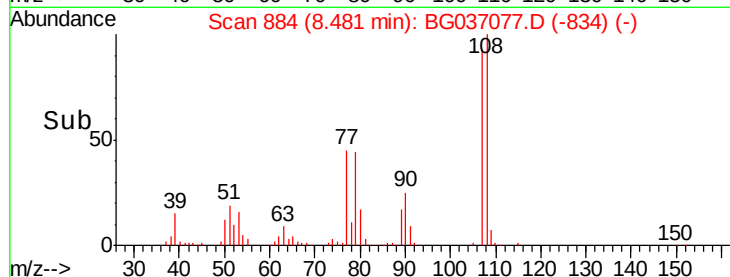
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

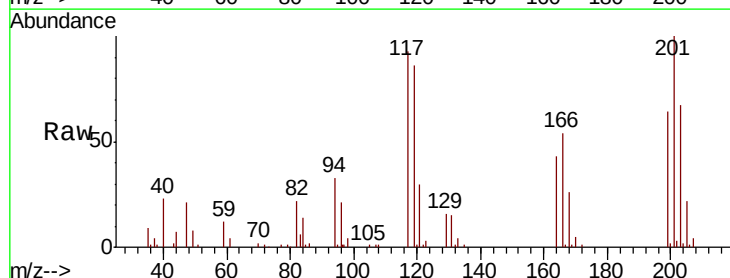
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 43.584 ng  
RT: 9.12 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 93.0  | 76.8 | 115.2 |       |
| 201     | 107.7 | 85.7 | 128.5 |       |

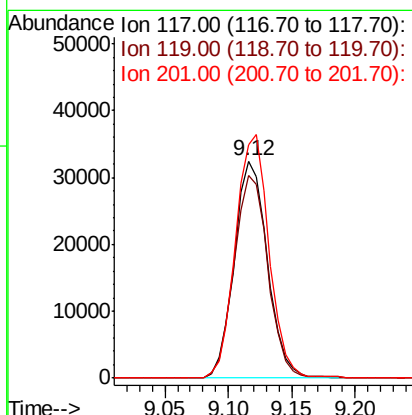
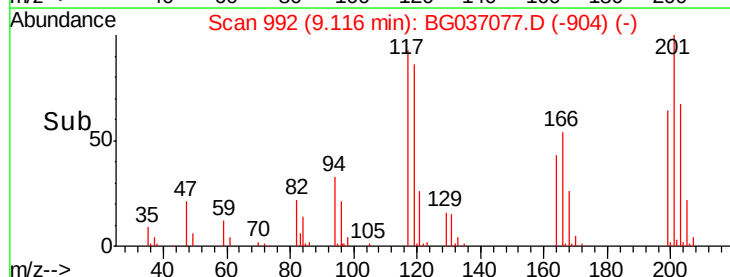


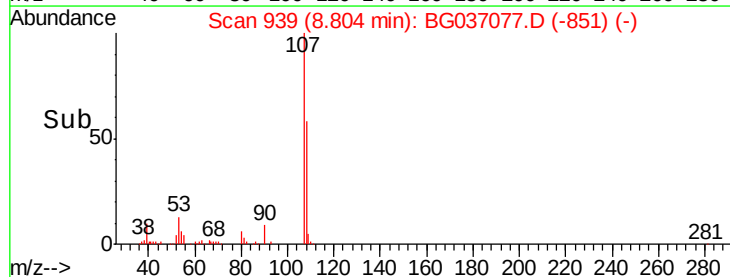
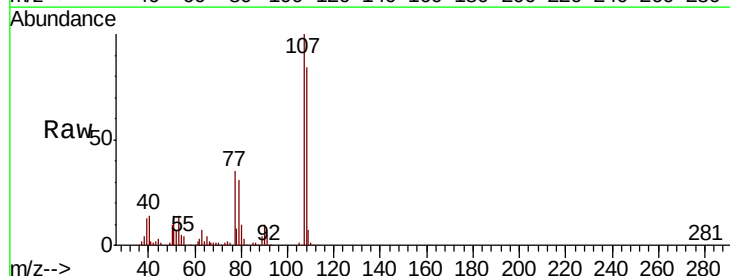
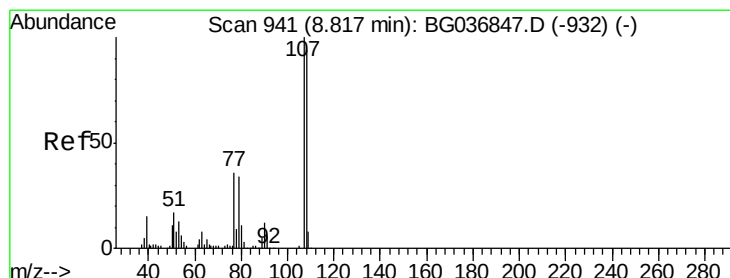
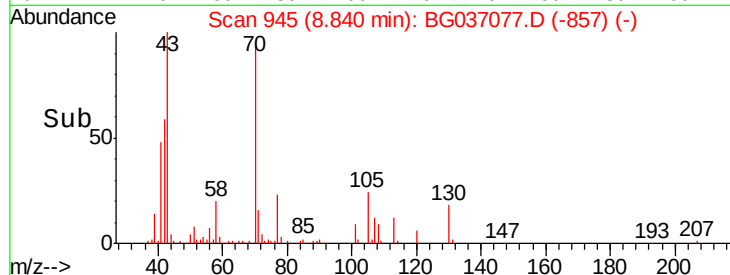
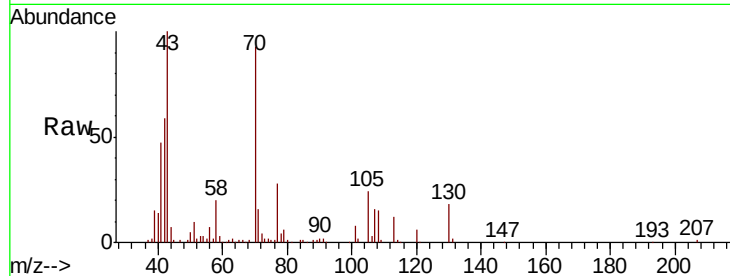
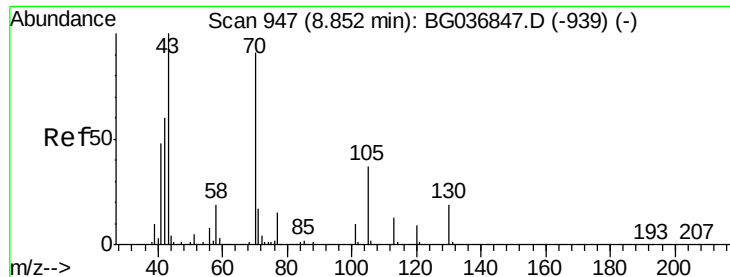
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

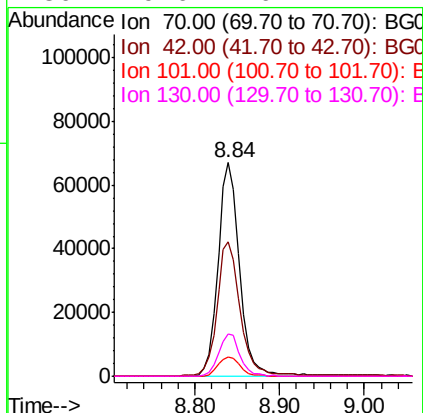
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 37.015 ng  
RT: 8.84 min Scan# 945  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 62.9 | 56.2  | 84.4  |       |
| 101     | 9.1  | 7.8   | 11.6  |       |
| 130     | 19.6 | 16.2  | 24.2  |       |



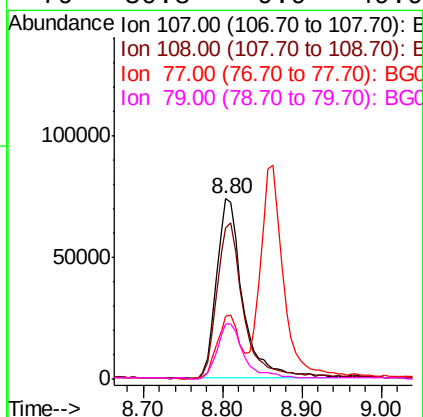
Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BS

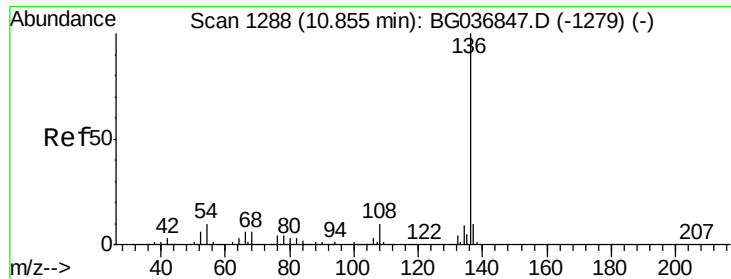
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#20  
3+4-Methylphenols  
Concen: 43.740 ng  
RT: 8.80 min Scan# 939  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 84.0 | 68.0  | 108.0 |       |
| 77      | 34.7 | 15.6  | 55.6  |       |
| 79      | 30.8 | 9.9   | 49.9  |       |





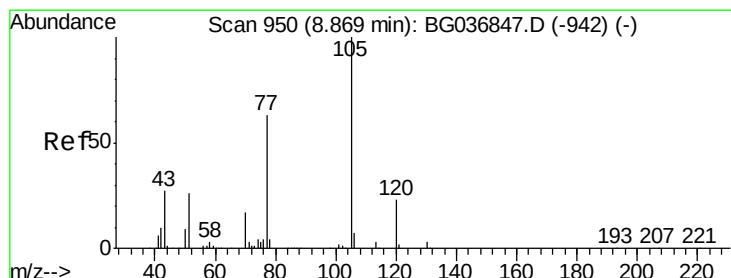
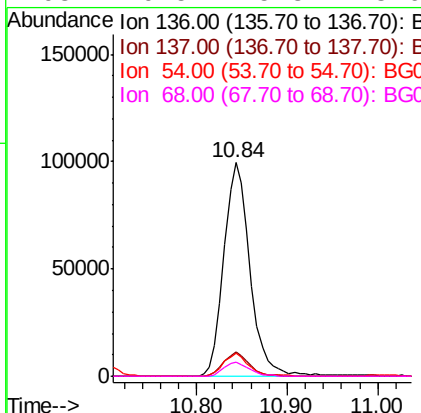
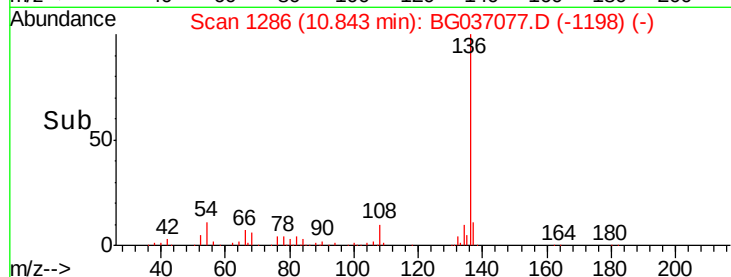
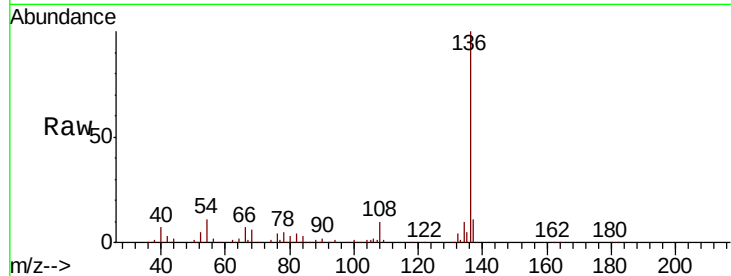
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.84 min Scan# 1286  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 200120 |       |       |
| 137     | 11.2  |        | 8.8   | 13.2  |
| 54      | 10.9  |        | 9.2   | 13.8  |
| 68      | 6.5   |        | 5.8   | 8.6   |

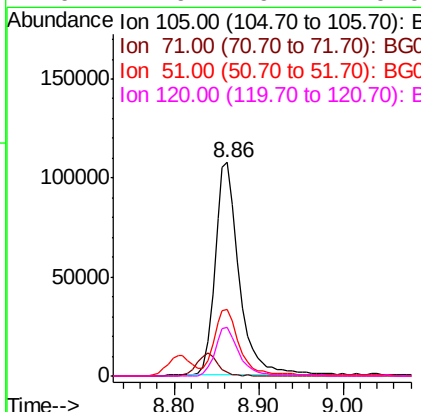
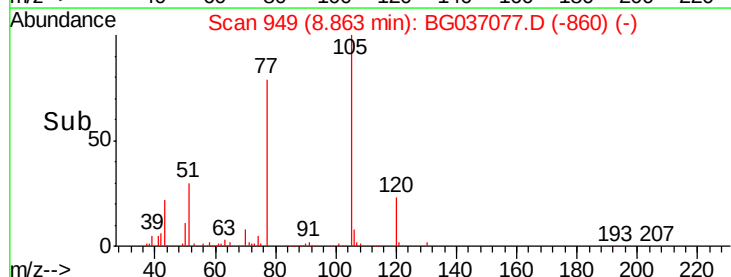
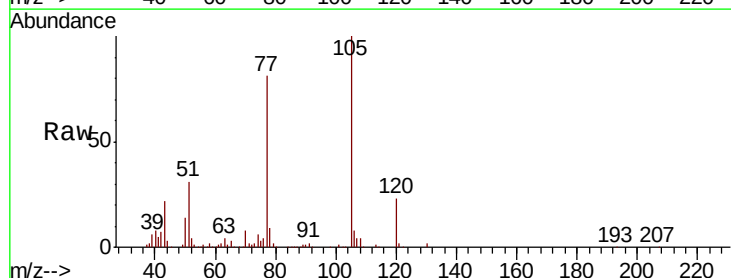
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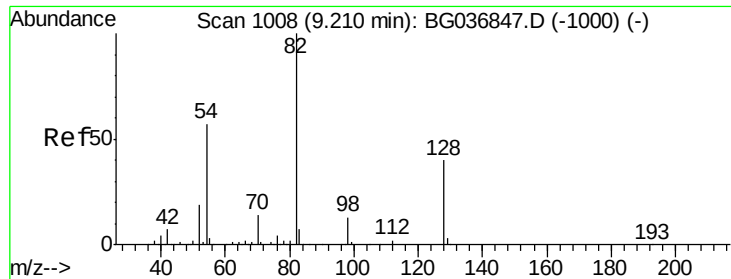
Sohil  
10/2/2018 5:20:38 PM



#22  
Acetophenone  
Concen: 45.262 ng  
RT: 8.86 min Scan# 949  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 212856 |       |       |
| 71      | 1.5   |        | 2.4   | 3.6#  |
| 51      | 31.2  |        | 25.9  | 38.9  |
| 120     | 22.9  |        | 19.4  | 29.0  |





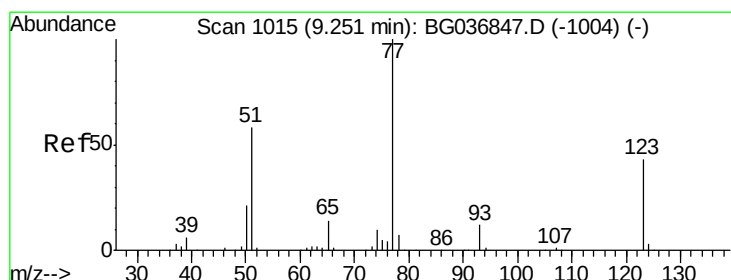
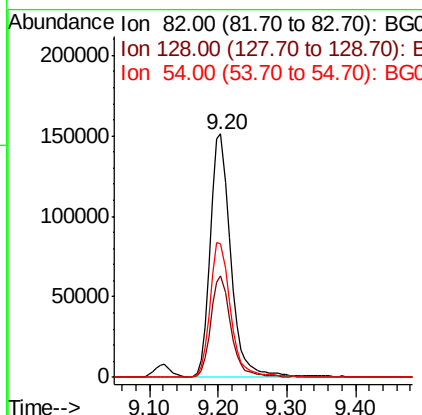
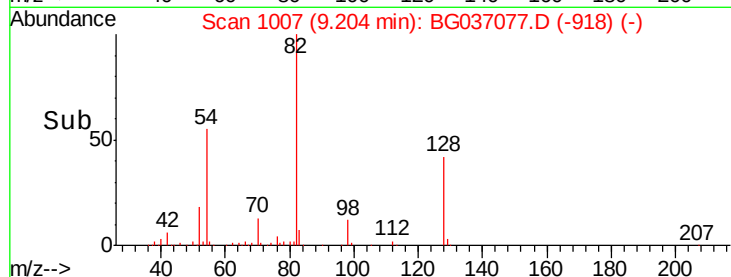
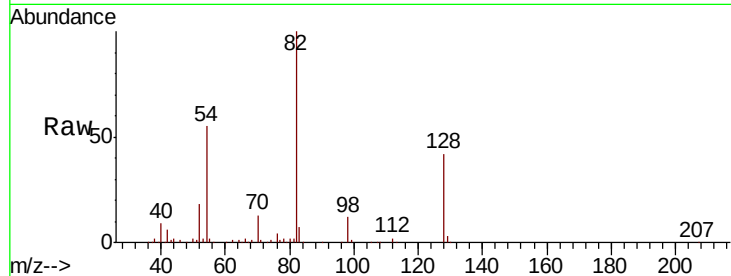
#23  
Nitrobenzene-d5  
Concen: 84.047 ng  
RT: 9.20 min Scan# 1007  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 314085 |       |       |
| 128     | 41.8  | 33.3   | 49.9  |       |
| 54      | 54.8  | 45.1   | 67.7  |       |

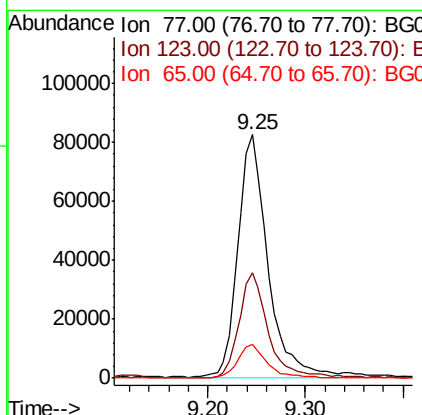
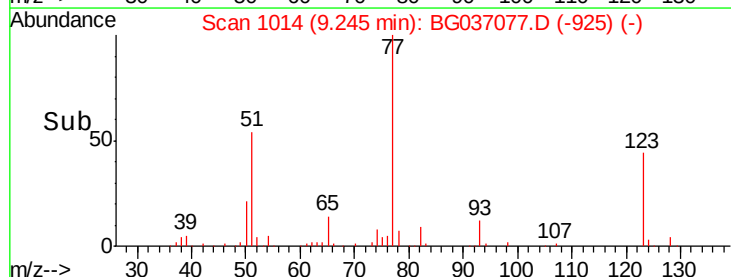
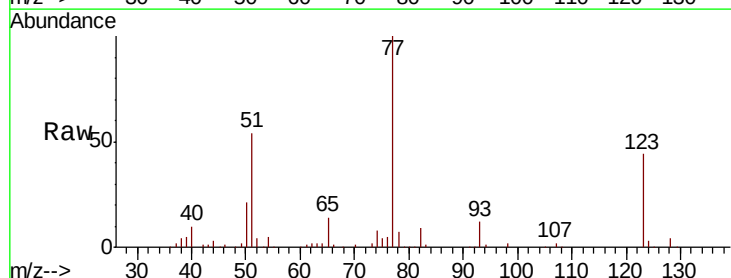
Manual Integrations  
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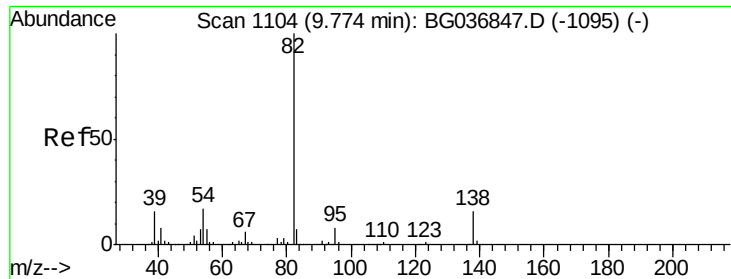


#24  
Nitrobenzene  
Concen: 43.869 ng  
RT: 9.25 min Scan# 1014  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 175071 |       |       |
| 123     | 43.5  | 32.4   | 48.6  |       |
| 65      | 14.1  | 11.5   | 17.3  |       |







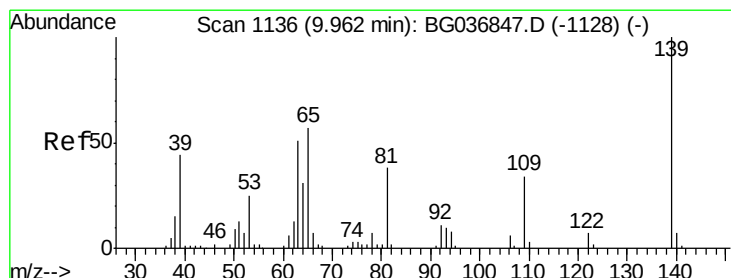
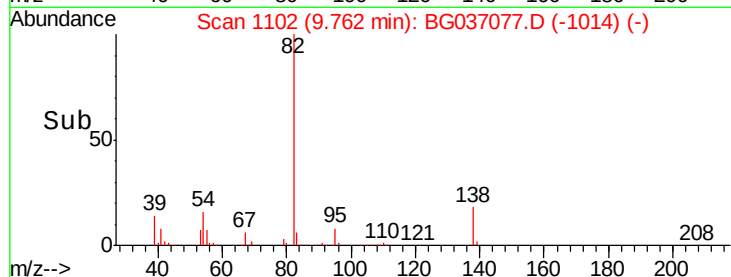
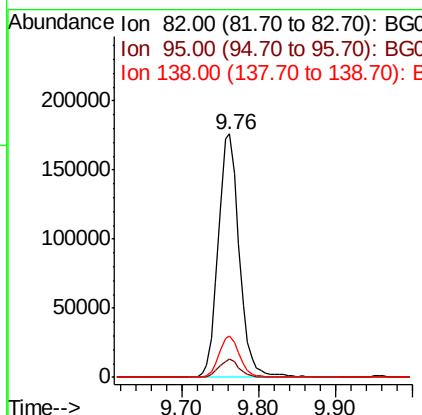
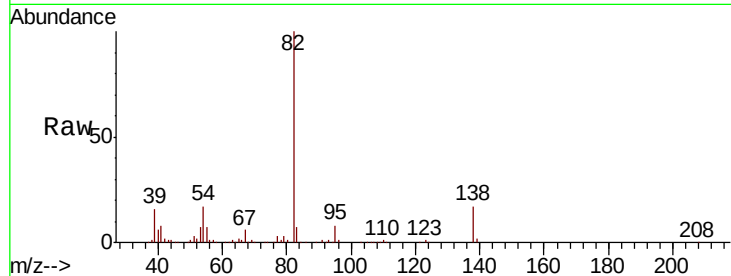
#25  
Isophorone  
Concen: 48.942 ng  
RT: 9.76 min Scan# 1102  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BS

| Tot Ion   | 82   | Resp  | 334194 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 82        | 100  |       |        |
| 95        | 7.6  | 5.8   | 8.8    |
| 138       | 16.8 | 12.9  | 19.3   |

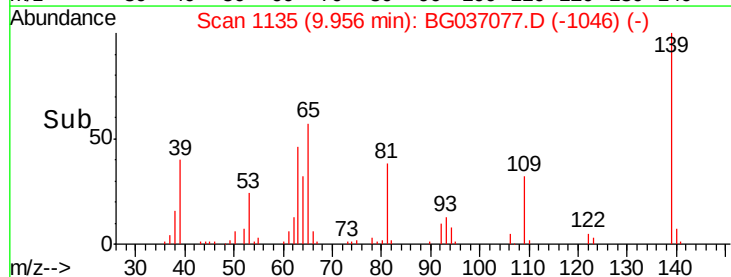
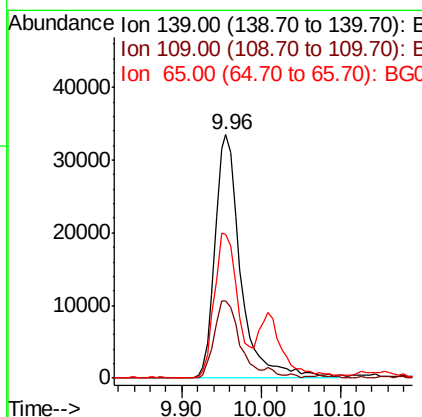
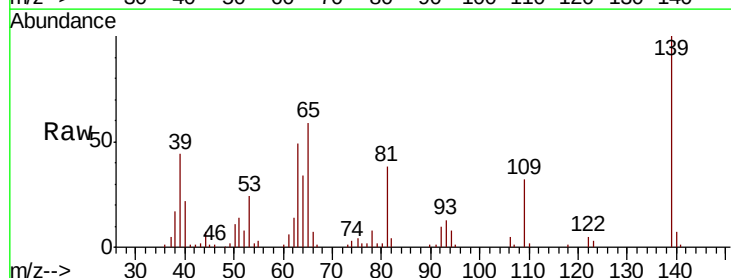
Manual Integrations  
APPROVED

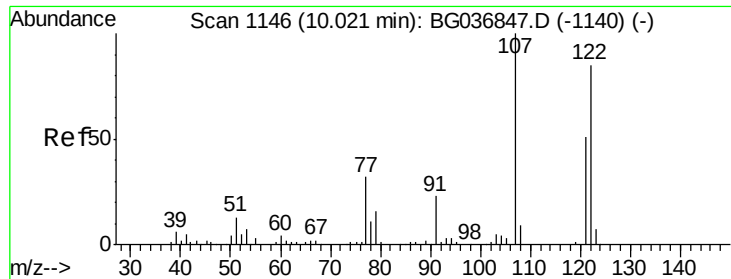
Sohil  
10/2/2018 5:20:38 PM



#26  
2-Nitrophenol  
Concen: 47.281 ng  
RT: 9.96 min Scan# 1135  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion   | 139  | Resp  | 75210 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 139       | 100  |       |       |
| 109       | 31.8 | 27.4  | 41.0  |
| 65        | 59.2 | 47.8  | 71.6  |





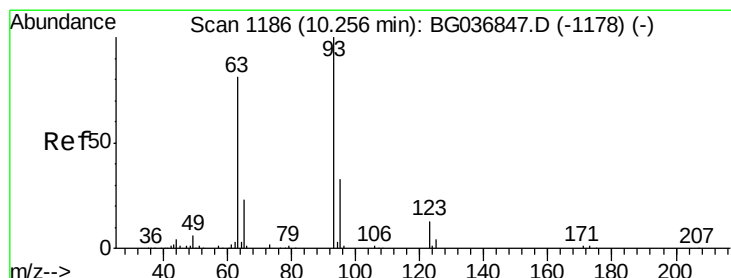
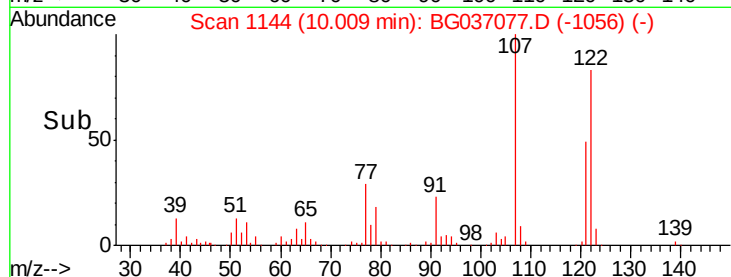
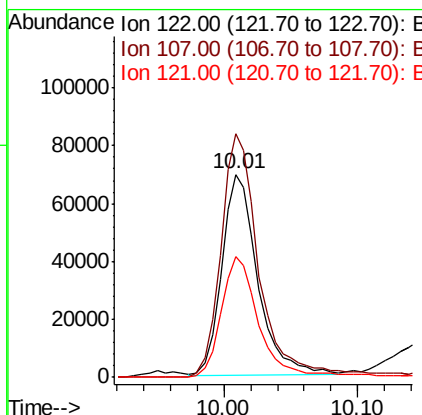
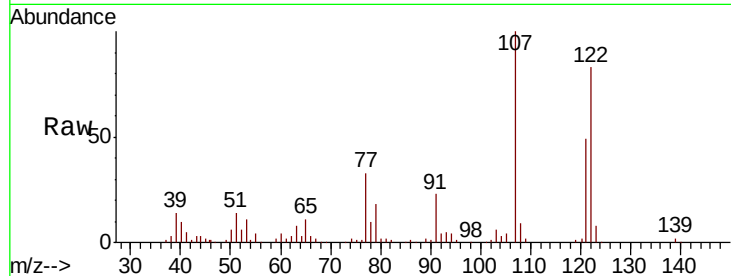
#27  
 2,4-Dimethylphenol  
 Concen: 52.620 ng  
 RT: 10.01 min Scan# 1144  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB113331BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 119.9 | 96.0  | 144.0 |
| 121     | 59.3  | 48.2  | 72.4  |

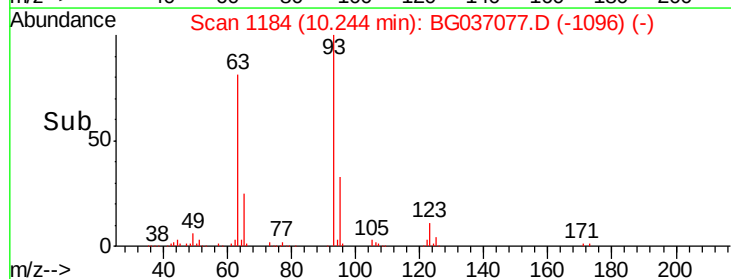
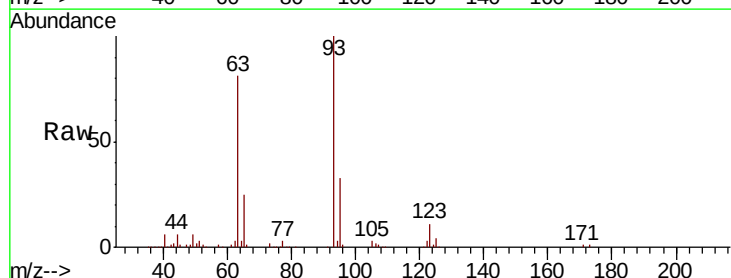
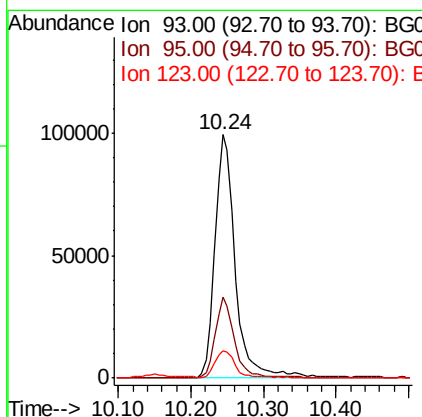
Manual Integrations  
 APPROVED

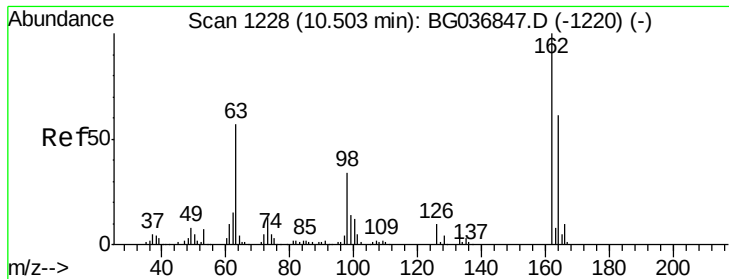
Sohil  
 10/2/2018 5:20:38 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 46.203 ng  
 RT: 10.24 min Scan# 1184  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.2  | 25.2  | 37.8  |
| 123     | 11.2  | 8.6   | 12.8  |





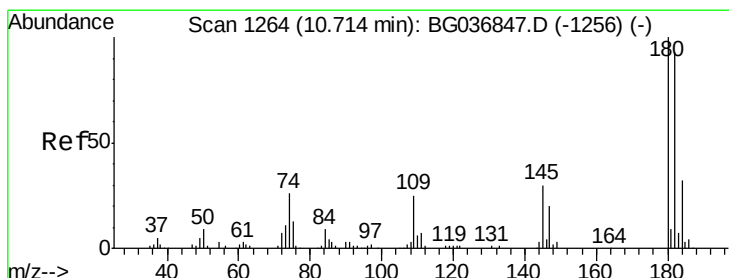
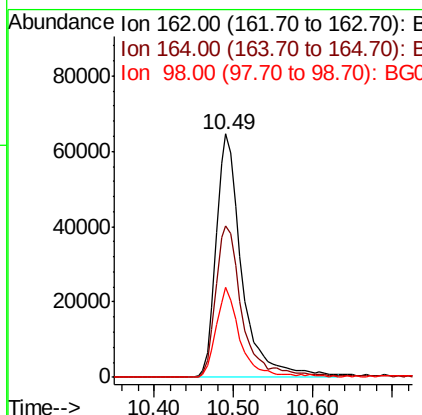
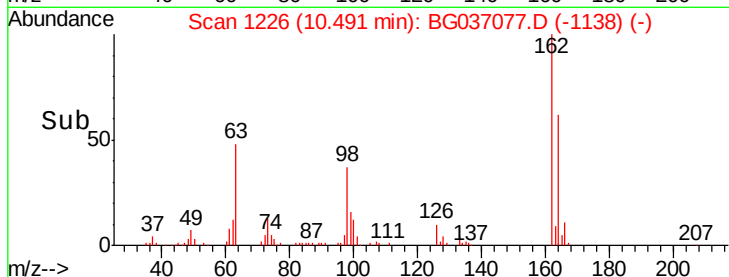
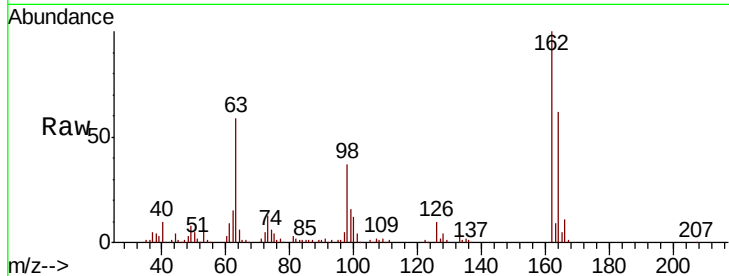
#29  
2,4-Dichlorophenol  
Concen: 50.538 ng  
RT: 10.49 min Scan# 1226  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampled :  
PB113331BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 145165 |       |       |
| 164     | 62.0  | 47.6   | 87.6  |       |
| 98      | 37.0  | 19.2   | 59.2  |       |

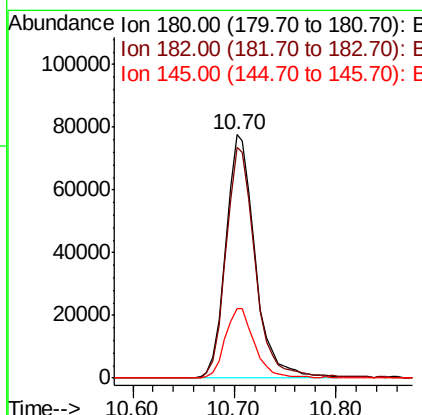
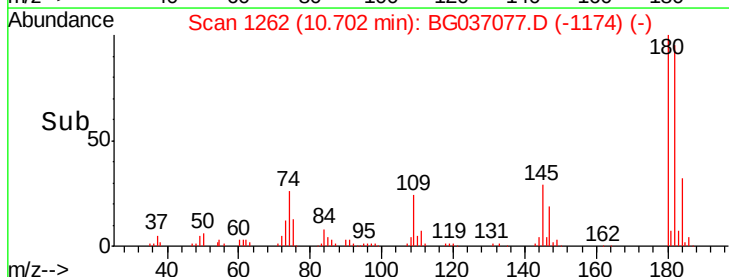
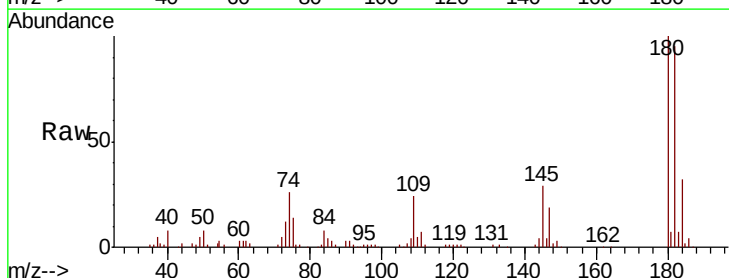
Manual Integrations  
APPROVED

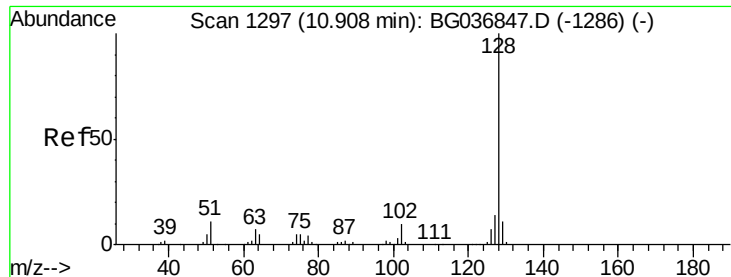
Sohil  
10/2/2018 5:20:38 PM



#30  
1,2,4-Trichlorobenzene  
Concen: 43.336 ng  
RT: 10.70 min Scan# 1262  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 155776 |       |       |
| 182     | 94.6  | 76.0   | 114.0 |       |
| 145     | 28.7  | 22.9   | 34.3  |       |





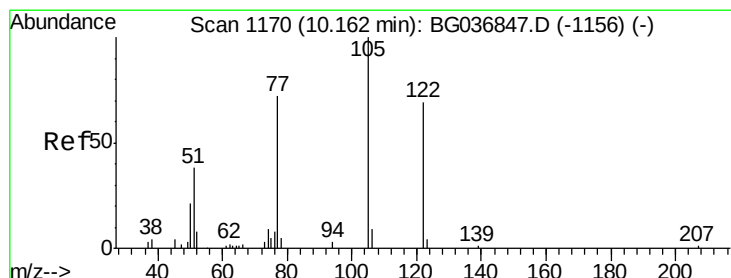
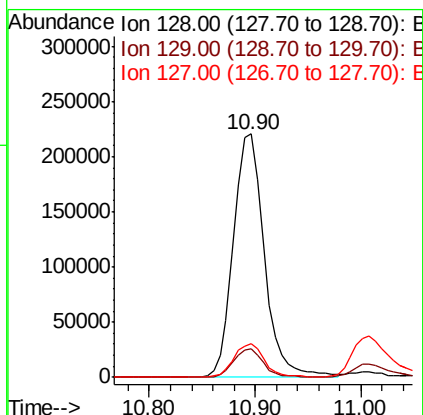
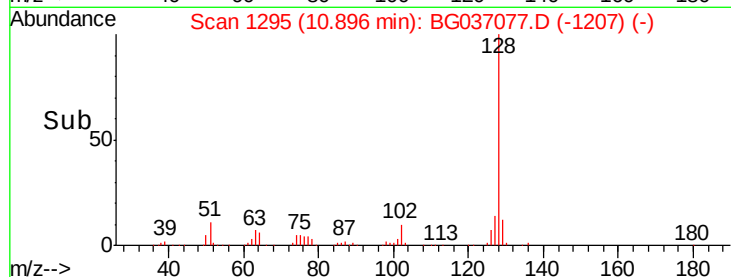
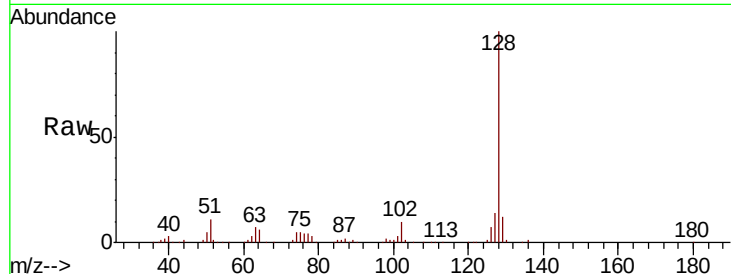
#31  
Naphthalene  
Concen: 47.000 ng  
RT: 10.90 min Scan# 1295  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.6  | 9.4   | 14.2  |
| 127     | 14.1  | 11.0  | 16.4  |

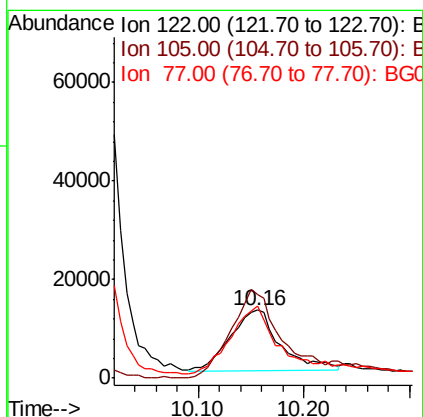
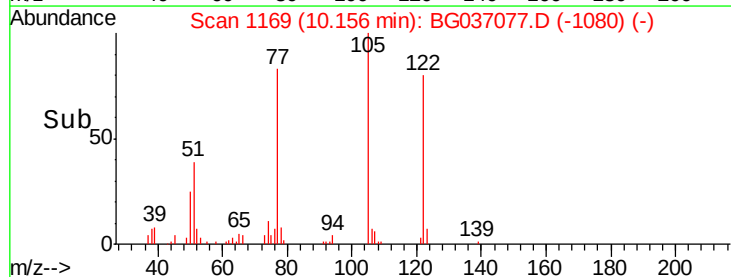
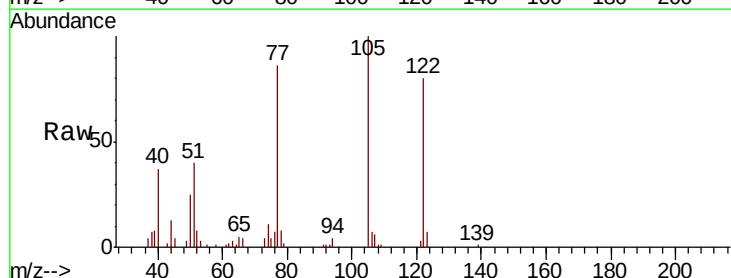
Manual Integrations  
APPROVED

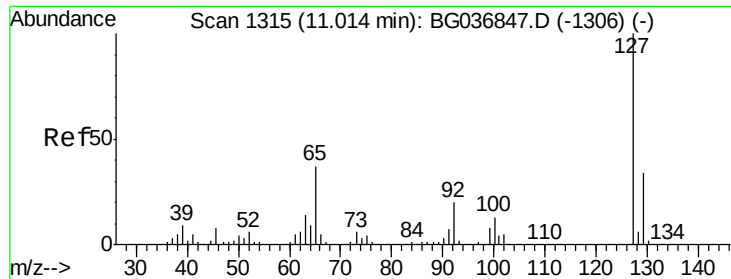
Sohil  
10/2/2018 5:20:38 PM



#32  
Benzoic acid  
Concen: 24.483 ng  
RT: 10.16 min Scan# 1169  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 124.4 | 108.1 | 148.1 |
| 77      | 106.5 | 76.3  | 116.3 |





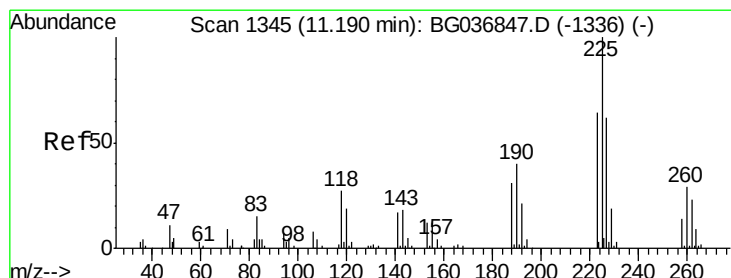
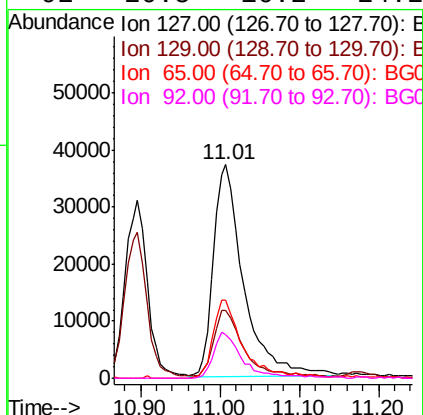
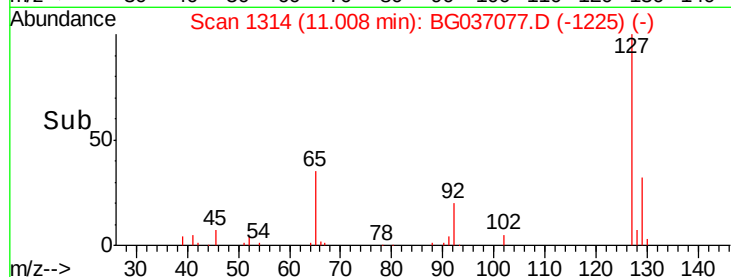
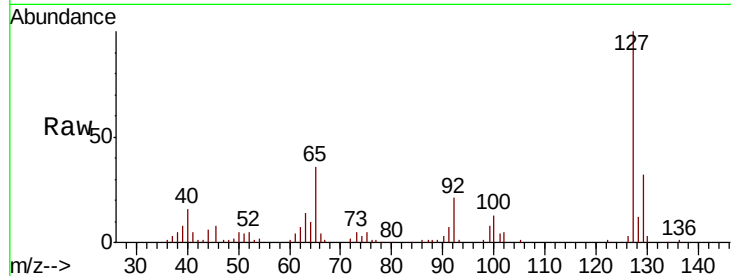
#33  
4-Chloroaniline  
Concen: 22.567 ng  
RT: 11.01 min Scan# 1314  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 97701 |       |       |
| 129     | 32.0 | 25.9  | 38.9  |       |       |
| 65      | 36.3 | 27.5  | 41.3  |       |       |
| 92      | 20.5 | 16.2  | 24.2  |       |       |

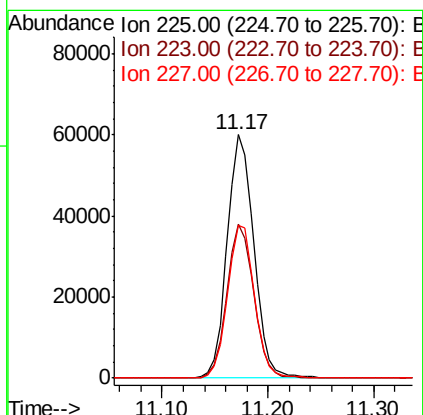
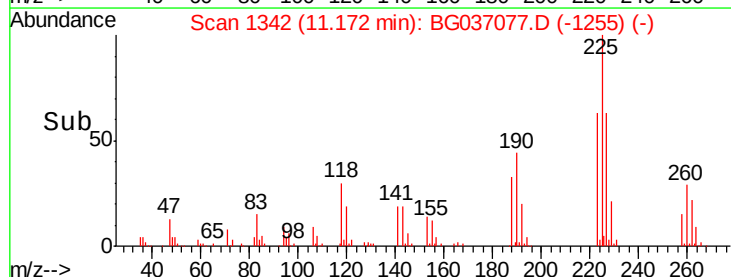
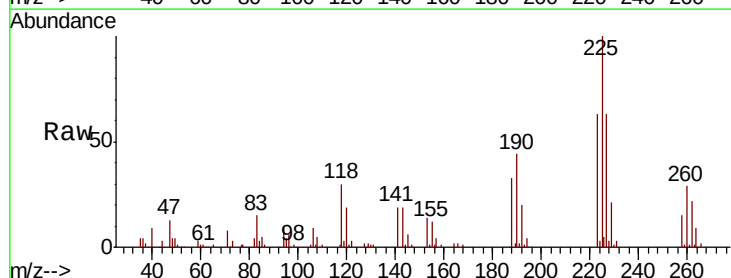
Manual Integrations  
APPROVED

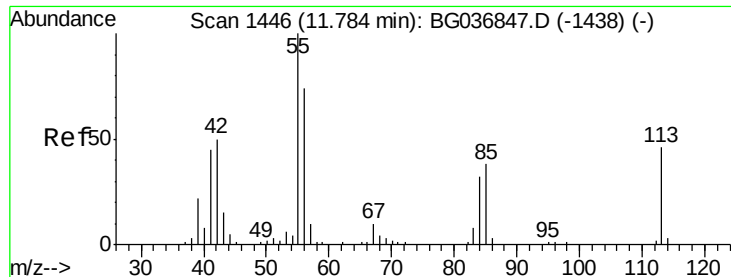
Sohil  
10/2/2018 5:20:38 PM



#34  
Hexachlorobutadiene  
Concen: 42.043 ng  
RT: 11.17 min Scan# 1342  
Delta R.T. -0.02 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 225     | 100  |       | 104513 |       |       |
| 223     | 63.5 | 51.8  | 77.8   |       |       |
| 227     | 62.5 | 49.8  | 74.6   |       |       |





#35

Caprolactam

Concen: 46.412 ng/ml

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

Instrument :

BNA\_G

ClientSampleID :

PB113331BS

Tot Ion:113 Resp: 54870

Ion Ratio Lower Upper

113 100

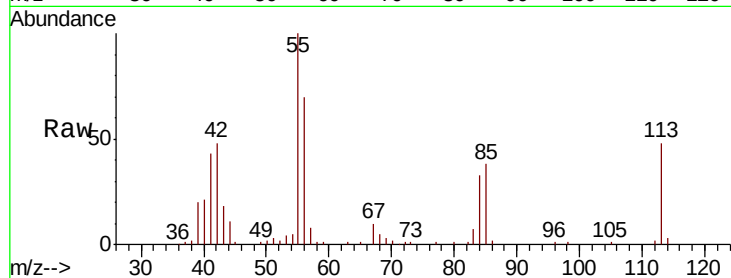
55 209.6 197.7 237.7

56 145.7 131.7 171.7

Manual Integrations  
APPROVED

Sohil

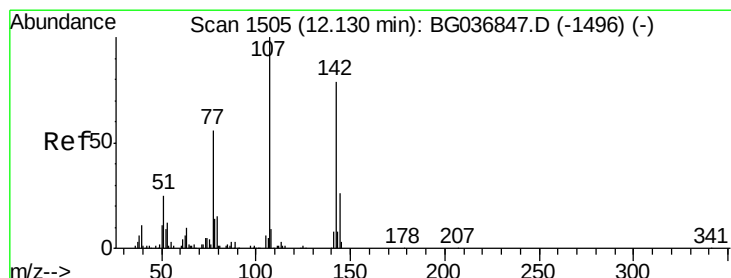
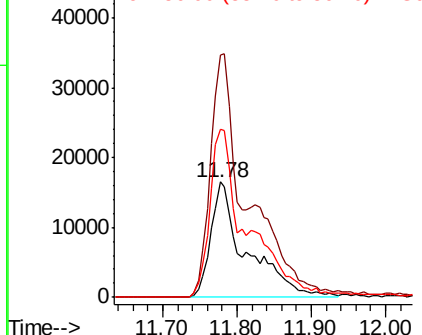
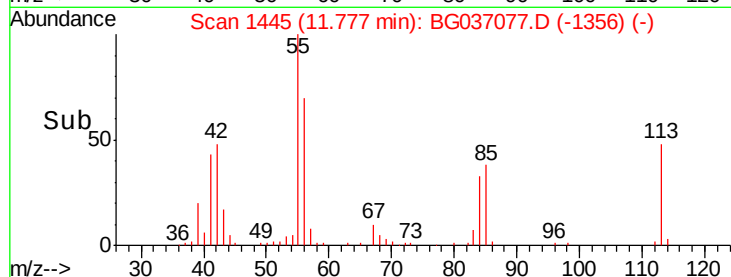
10/2/2018 5:20:38 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 48.115 ng/ml

RT: 12.12 min Scan# 1503

Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

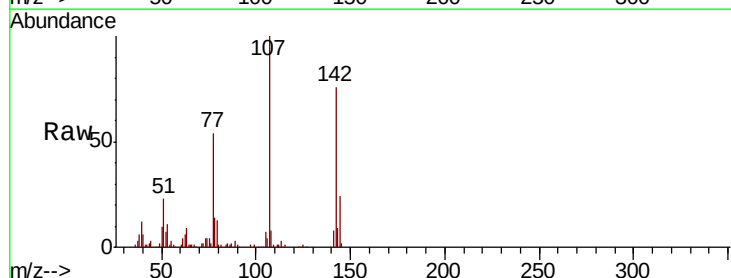
Tgt Ion:107 Resp: 164906

Ion Ratio Lower Upper

107 100

144 23.7 19.5 29.3

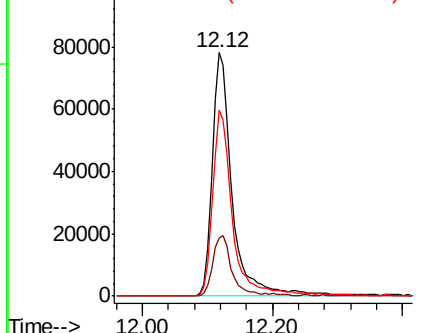
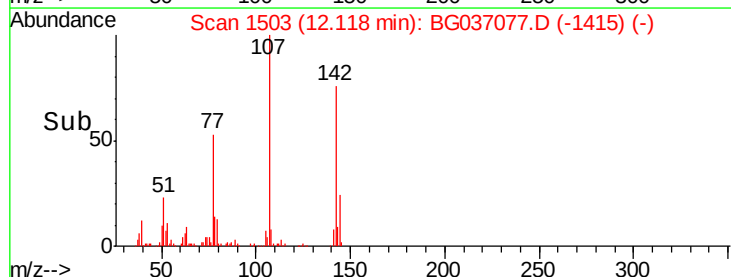
142 76.2 62.4 93.6

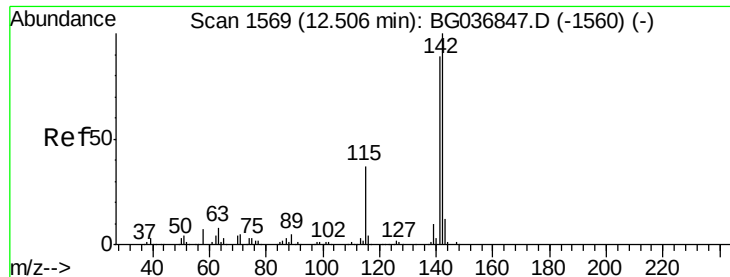


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





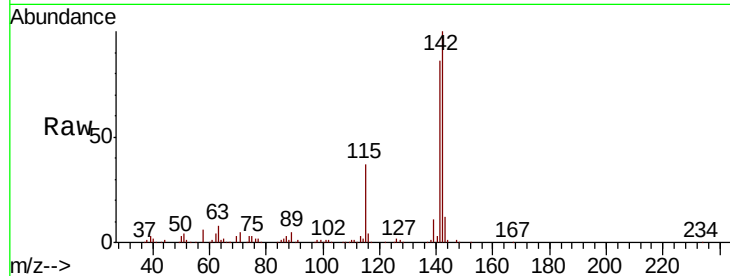
#37  
2-Methylnaphthalene  
Concen: 47.201 ng  
RT: 12.49 min Scan# 1567  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 86.2  | 68.5  | 102.7 |
| 115     | 36.6  | 29.8  | 44.8  |

Manual Integrations  
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Sohil  
10/2/2018 5:20:38 PM

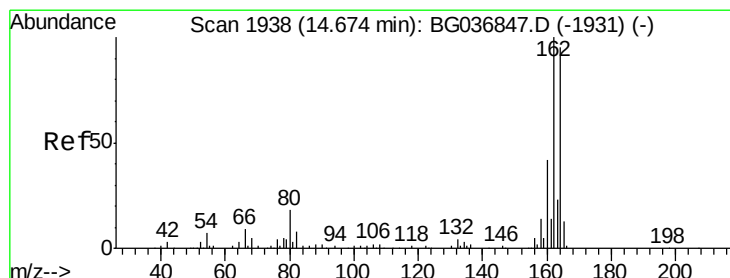
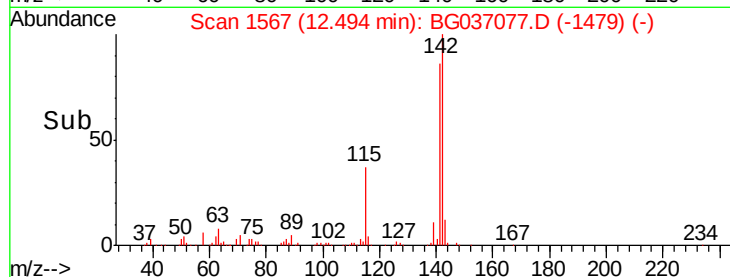
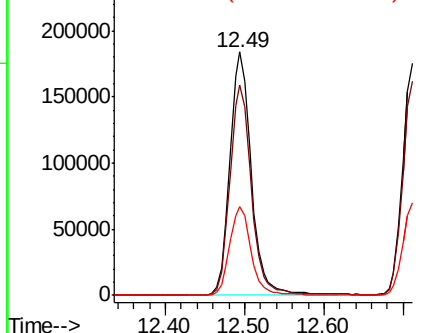


Abundance

Ion 142.00 (141.70 to 142.70): E

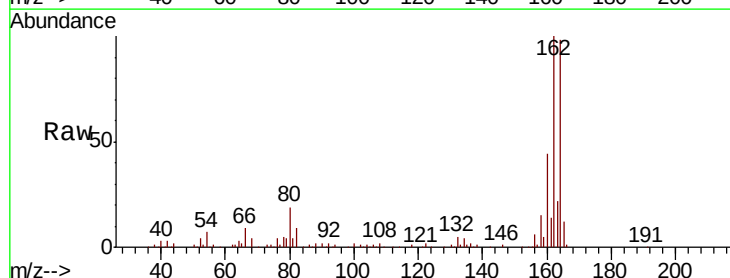
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.66 min Scan# 1936  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.0 | 80.7  | 121.1 |
| 160     | 44.6  | 35.3  | 52.9  |

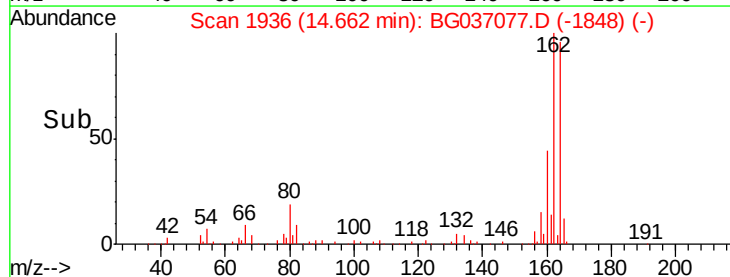
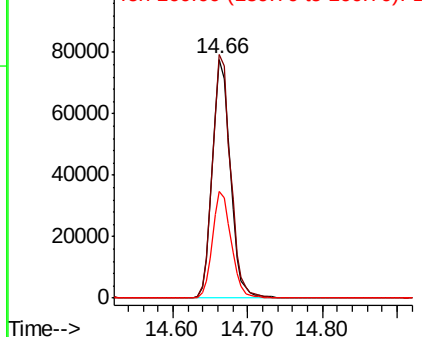


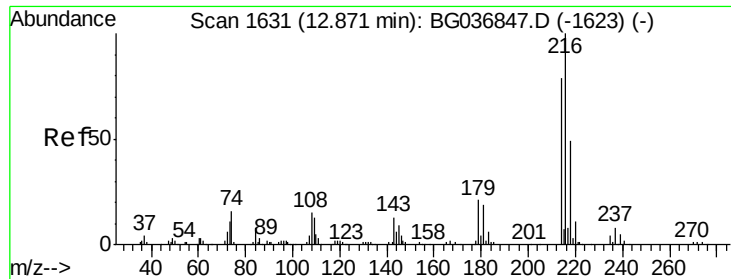
Abundance

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





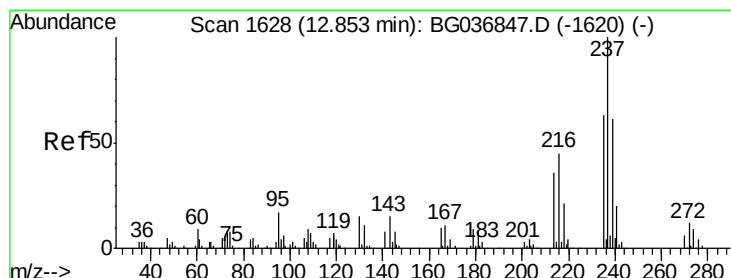
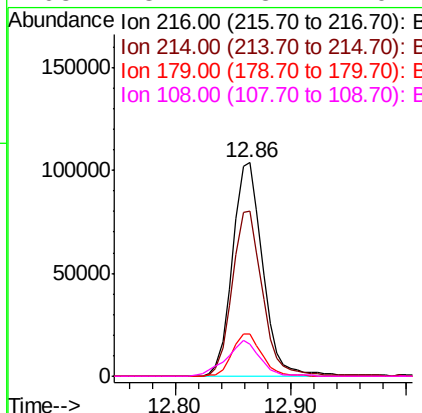
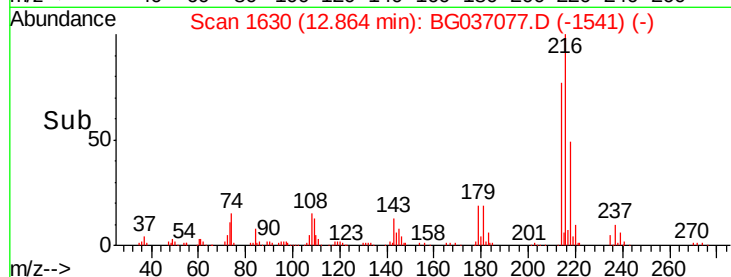
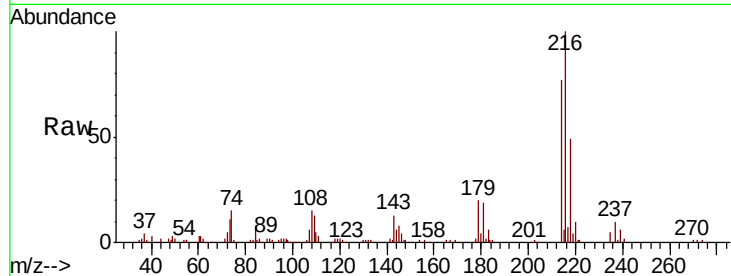
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 41.636 ng  
 RT: 12.86 min Scan# 1630  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BS

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 216     | 100  |       |      |       |       |
| 214     | 78.1 | 61.0  | 91.6 |       |       |
| 179     | 19.5 | 15.7  | 23.5 |       |       |
| 108     | 18.7 | 13.1  | 19.7 |       |       |

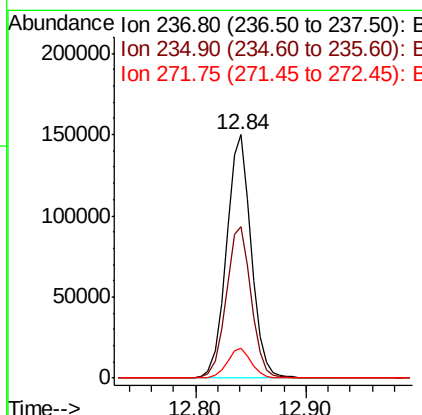
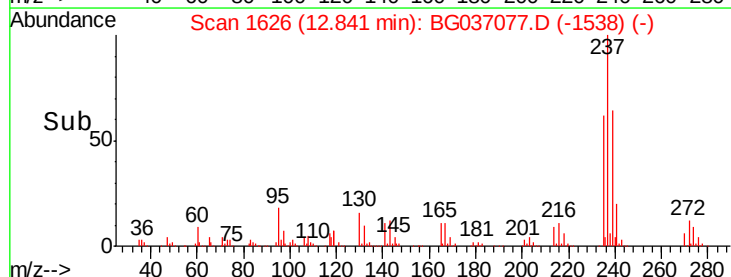
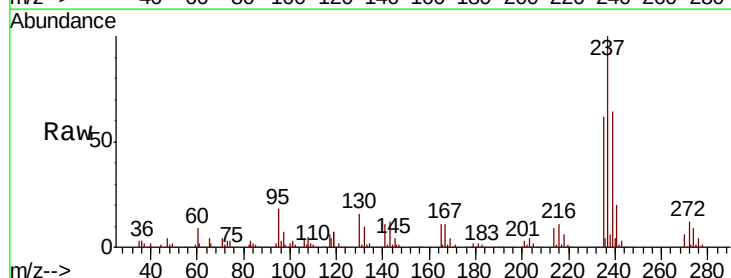
Manual Integrations  
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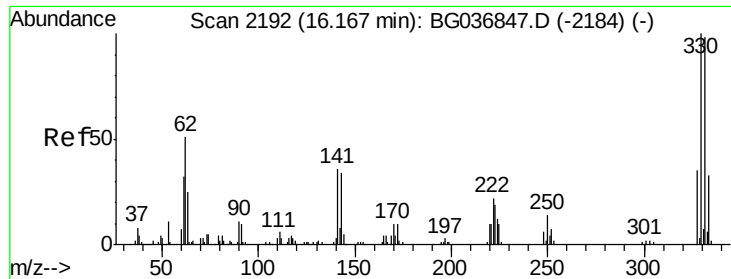


#40  
 Hexachlorocyclopentadiene  
 Concen: 100.585 ng  
 RT: 12.84 min Scan# 1626  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 237     | 100  |       |      |       |       |
| 235     | 62.0 | 42.2  | 82.2 |       |       |
| 272     | 12.3 | 0.0   | 32.1 |       |       |







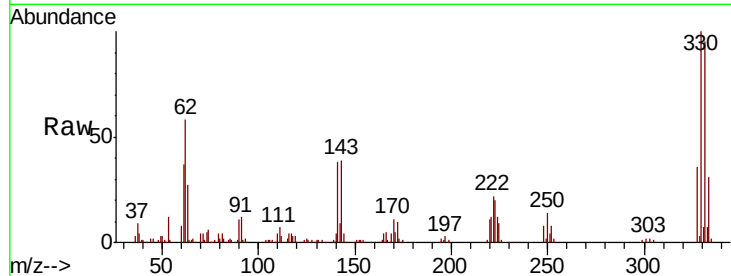
#41  
 2,4,6-Tribromophenol  
 Concen: 130.721 ng  
 RT: 16.15 min Scan# 2190  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB113331BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 202996 |       |       |
| 332     | 94.6  |        | 75.4  | 113.2 |
| 141     | 38.0  |        | 30.7  | 46.1  |

Manual Integrations  
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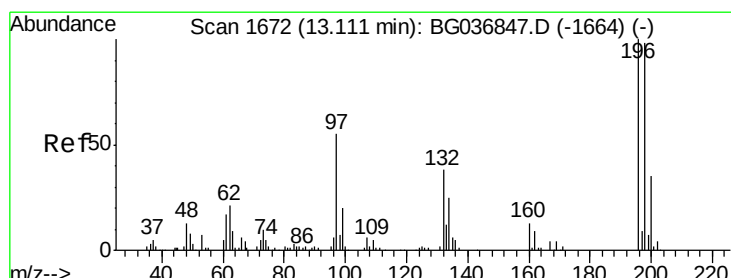
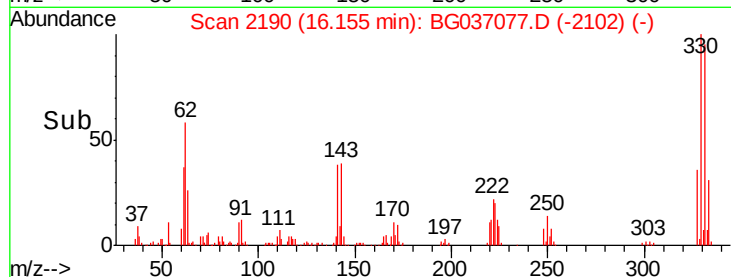
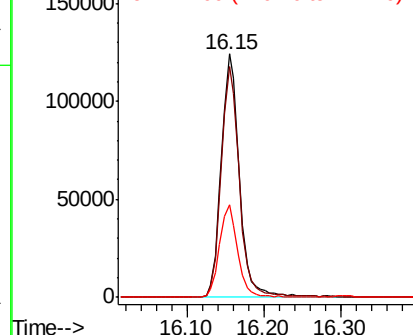


Abundance

Ion 329.80 (329.50 to 330.50): E

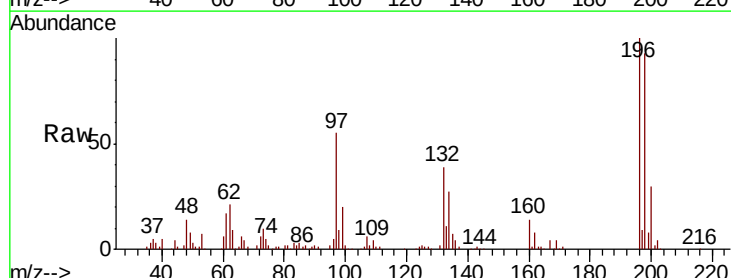
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 47.282 ng  
 RT: 13.10 min Scan# 1670  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 118859 |       |       |
| 198     | 93.1  |        | 77.2  | 115.8 |
| 200     | 30.3  |        | 26.3  | 39.5  |

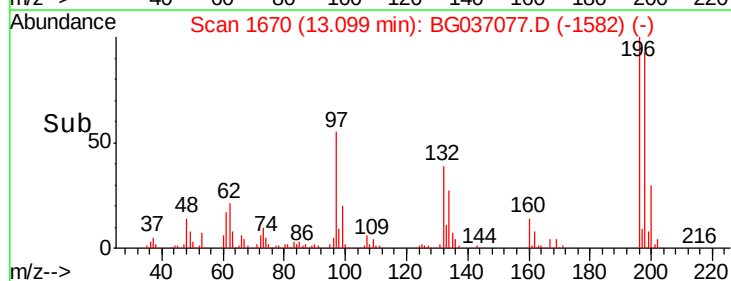
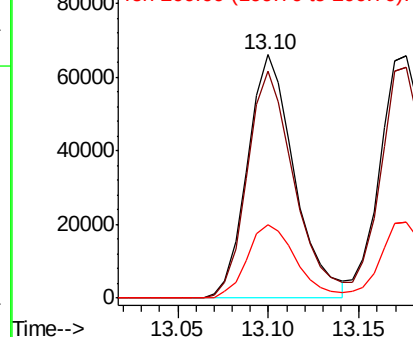


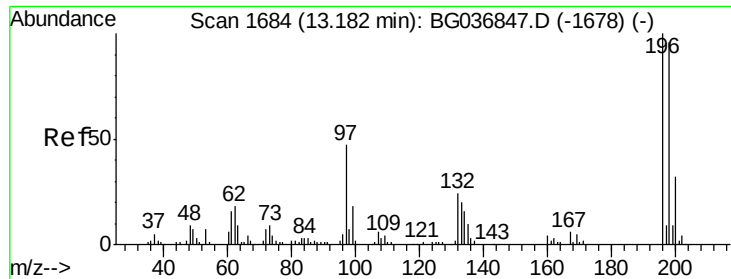
Abundance

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





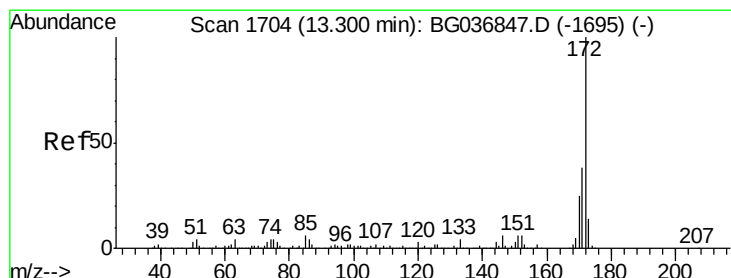
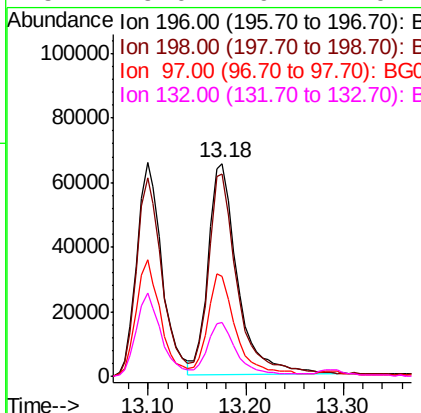
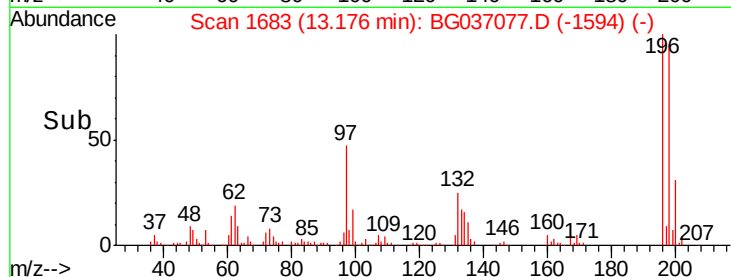
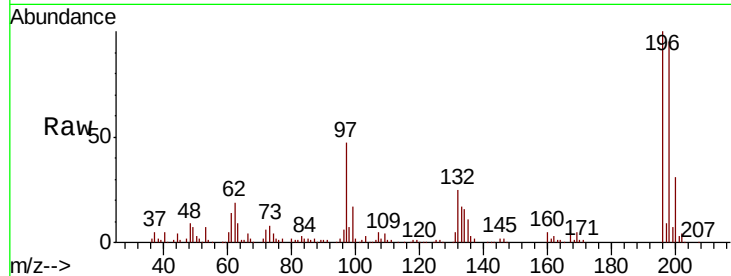
#43  
 2,4,5-Trichlorophenol  
 Concen: 50.868 ng  
 RT: 13.18 min Scan# 1683  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 136353 |       |       |
| 198     | 95.1  | 75.6   | 113.4 |       |
| 97      | 46.6  | 37.2   | 55.8  |       |
| 132     | 25.0  | 19.4   | 29.2  |       |

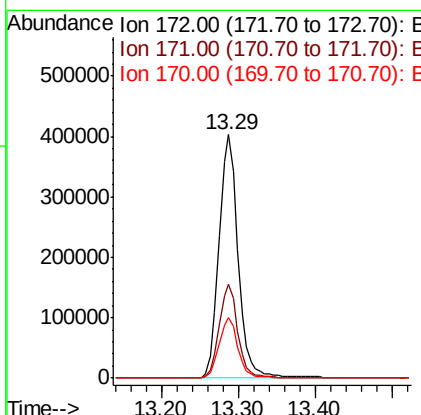
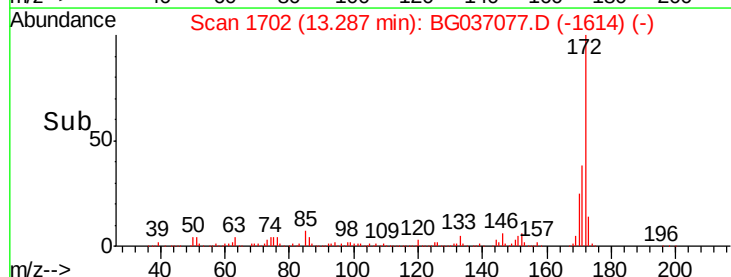
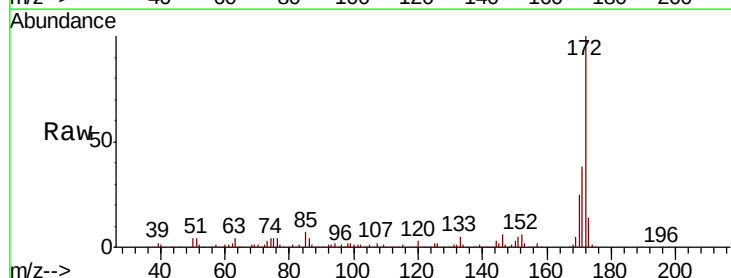
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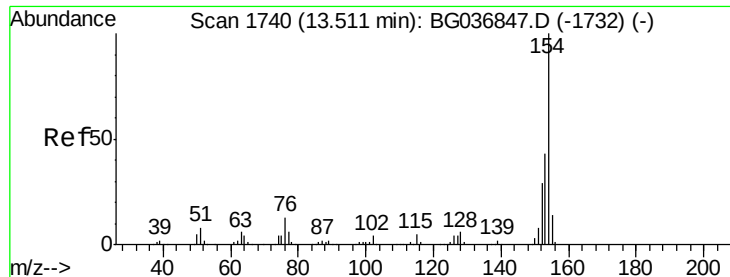
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#44  
 2-Fluorobiphenyl  
 Concen: 79.622 ng  
 RT: 13.29 min Scan# 1702  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 693869 |       |       |
| 171     | 38.4  | 31.3   | 46.9  |       |
| 170     | 24.7  | 21.0   | 31.6  |       |





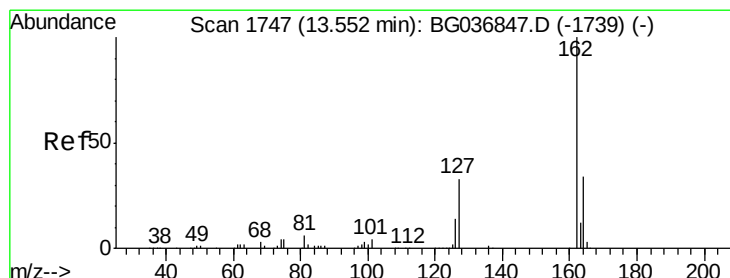
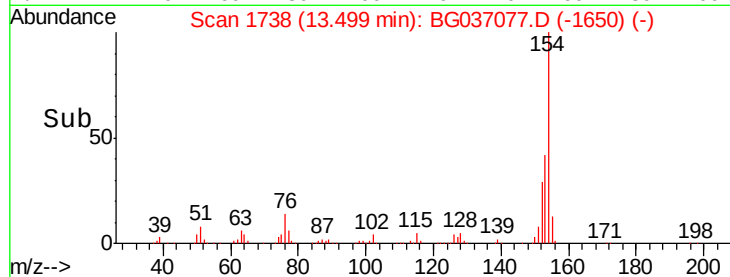
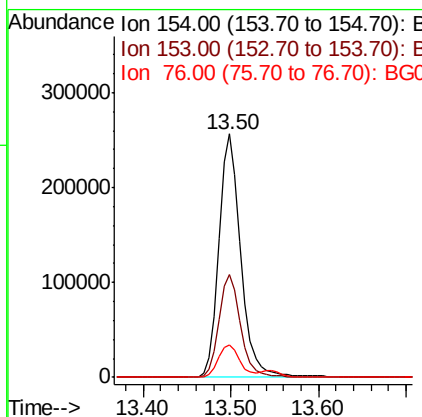
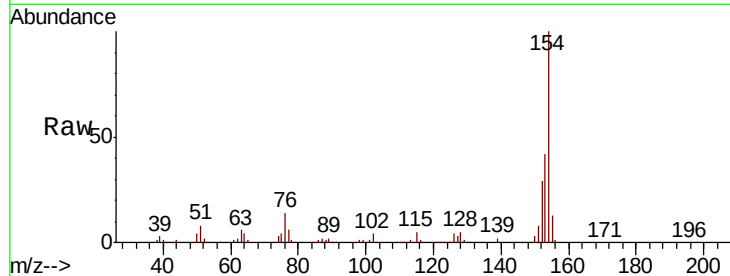
#45  
 1,1'-Biphenyl  
 Concen: 44.677 ng  
 RT: 13.50 min Scan# 1738  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.4  | 24.0  | 64.0  |
| 76      | 13.5  | 0.0   | 32.9  |

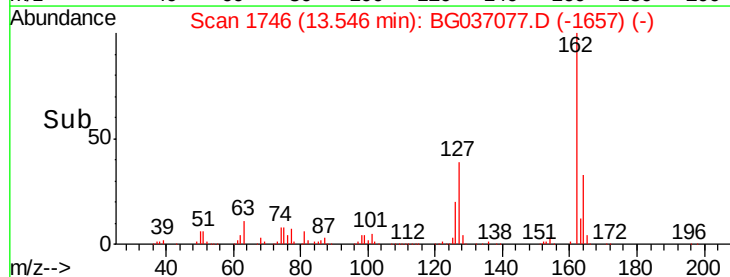
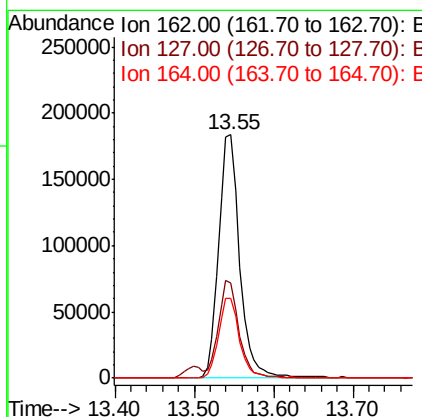
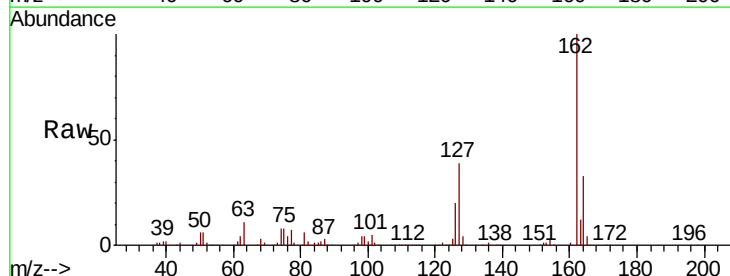
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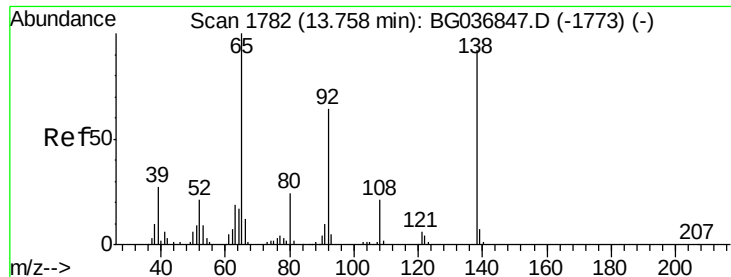
Sohil  
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#46  
 2-Chloronaphthalene  
 Concen: 43.418 ng  
 RT: 13.55 min Scan# 1746  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.1  | 30.7  | 46.1  |
| 164     | 32.9  | 26.7  | 40.1  |





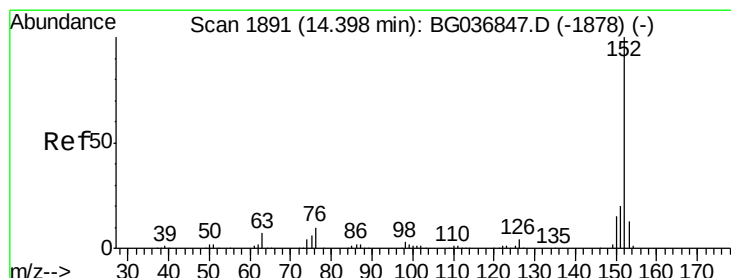
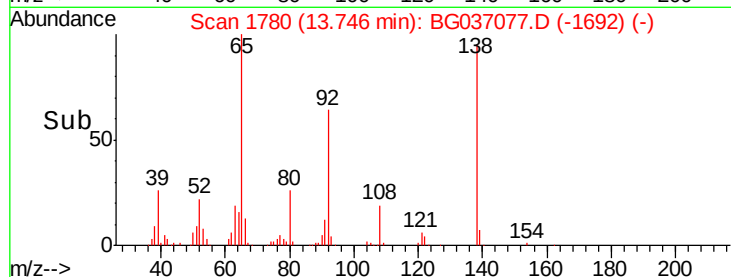
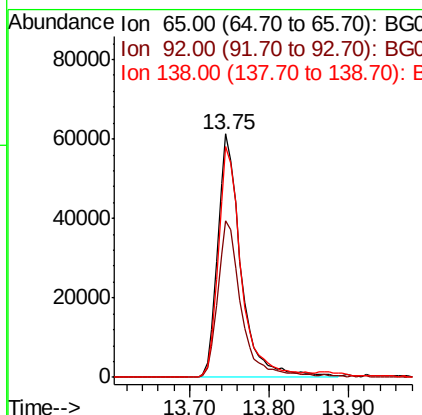
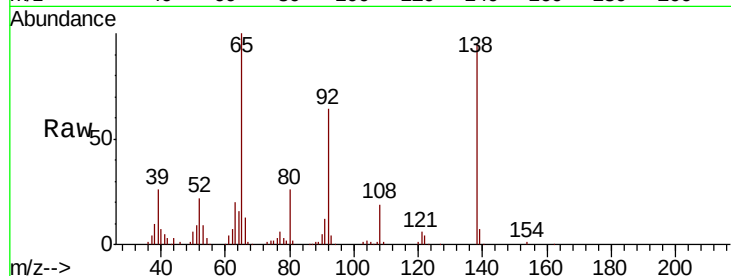
#47  
2-Nitroaniline  
Concen: 45.987 ng  
RT: 13.75 min Scan# 1780  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.4  | 49.9  | 74.9  |
| 138     | 94.9  | 76.2  | 114.4 |

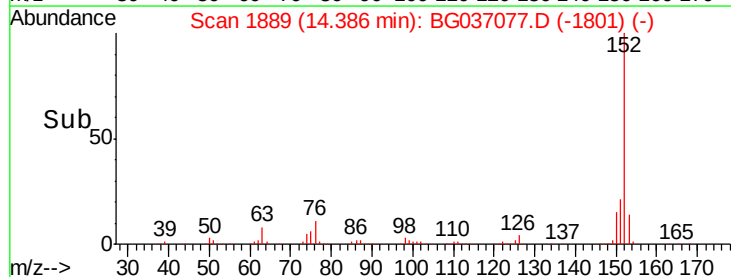
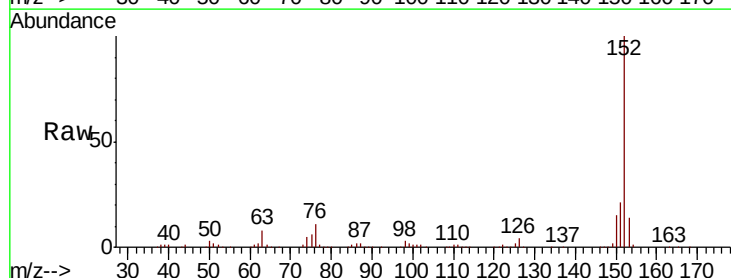
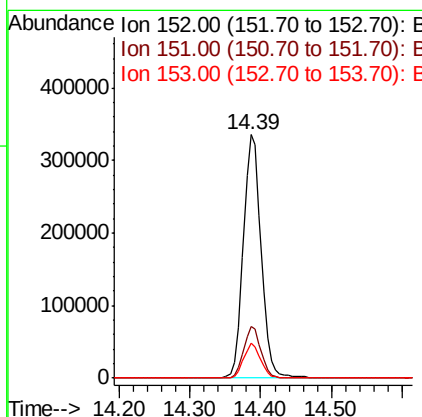
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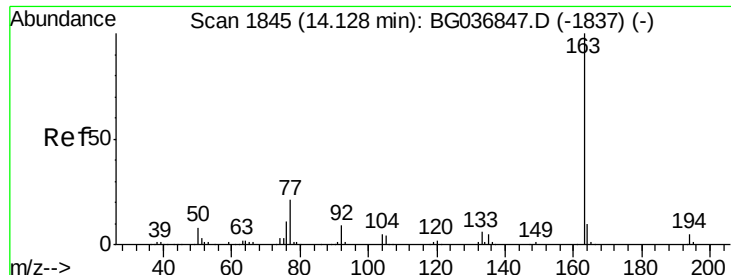
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#48  
Acenaphthylene  
Concen: 47.932 ng  
RT: 14.39 min Scan# 1889  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.2  | 16.9  | 25.3  |
| 153     | 14.2  | 11.2  | 16.8  |





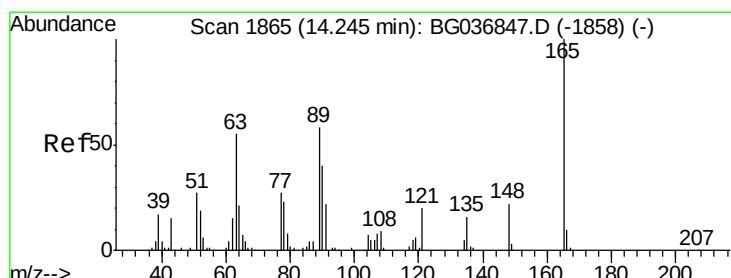
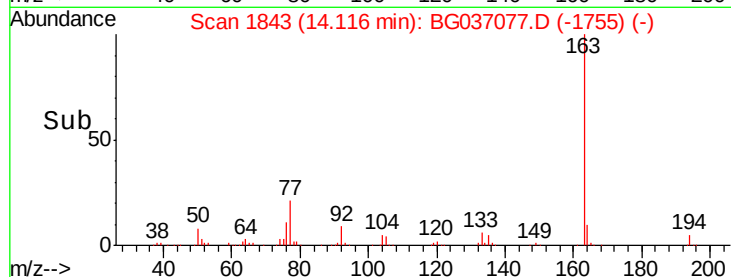
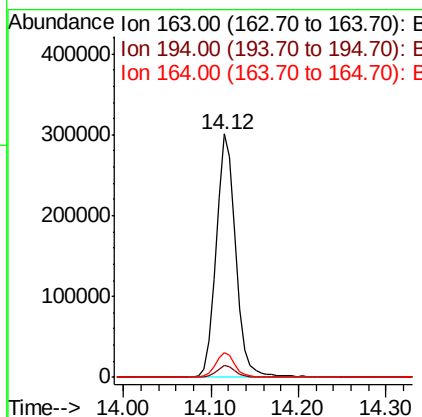
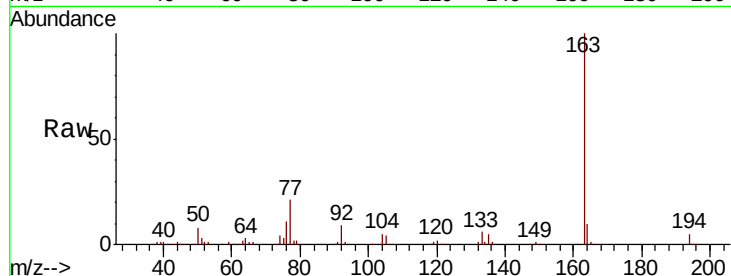
#49  
Dimethylphthalate  
Concen: 44.704 ng  
RT: 14.12 min Scan# 1843  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 467047 |       |       |
| 194     | 4.7   |        | 4.0   | 6.0   |
| 164     | 10.4  |        | 8.1   | 12.1  |

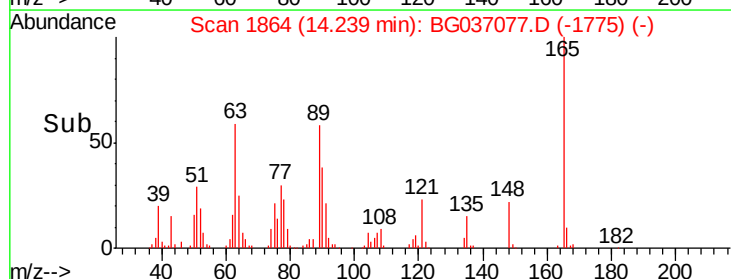
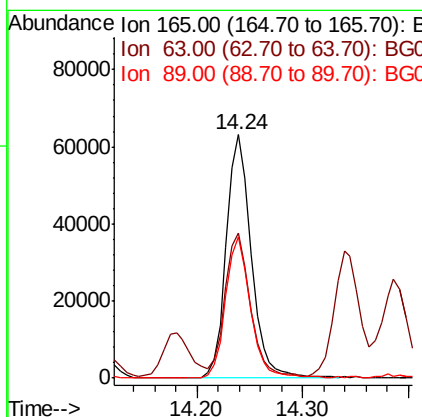
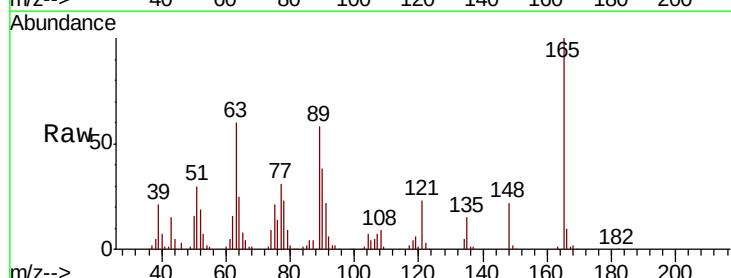
Manual Integrations  
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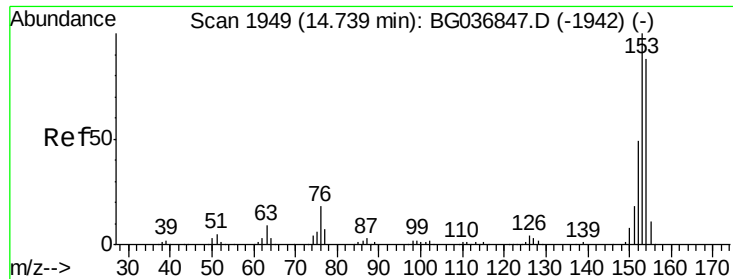
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10/2/2018 5:20:38 PM



#50  
2,6-Dinitrotoluene  
Concen: 45.267 ng  
RT: 14.24 min Scan# 1864  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 103183 |       |       |
| 63      | 59.8  |        | 50.1  | 75.1  |
| 89      | 58.2  |        | 47.8  | 71.6  |





#51

Acenaphthene

Concen: 45.033 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

Instrument :

BNA\_G

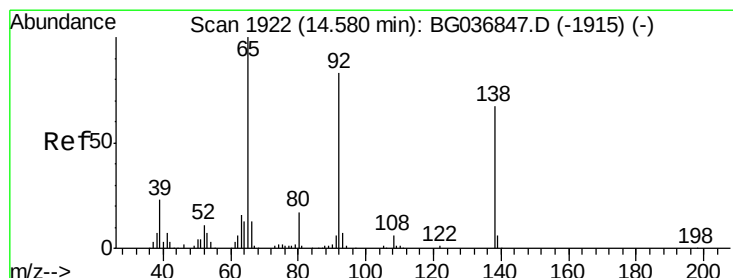
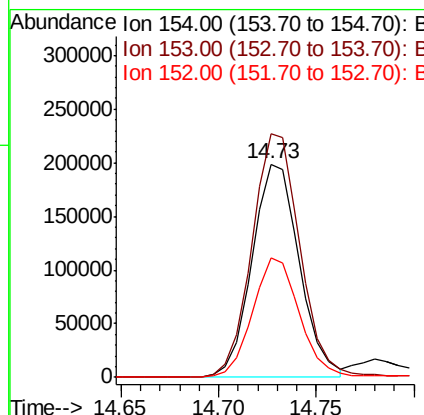
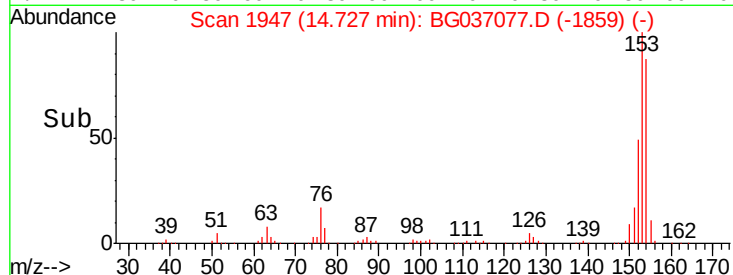
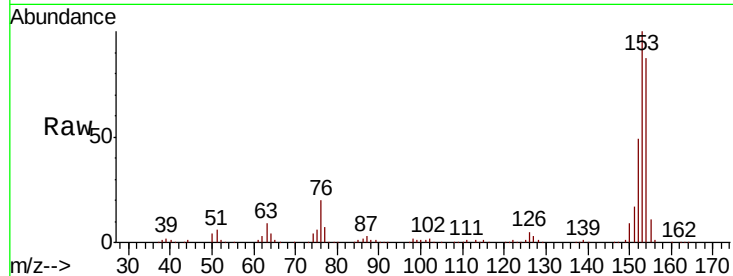
ClientSampleId :

PB113331BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 333397 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 114.4 | 91.8  | 137.6  |
| 152       | 56.3  | 43.5  | 65.3   |

Manual Integrations  
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#52

3-Nitroaniline

Concen: 31.524 ng

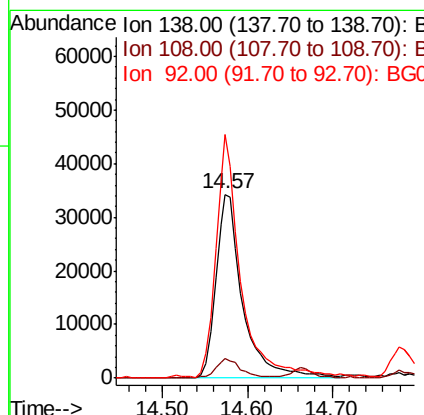
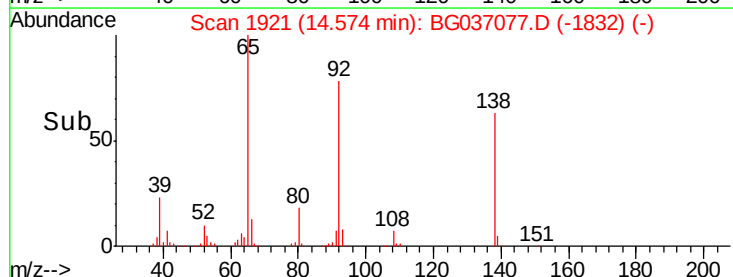
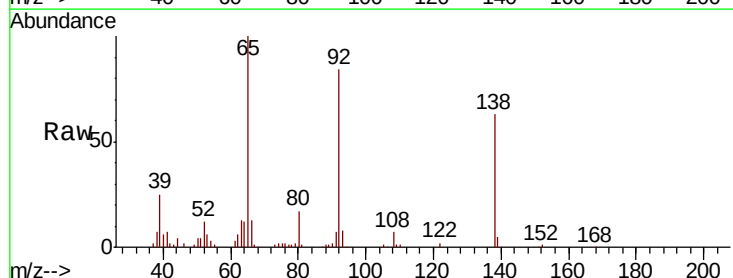
RT: 14.57 min Scan# 1921

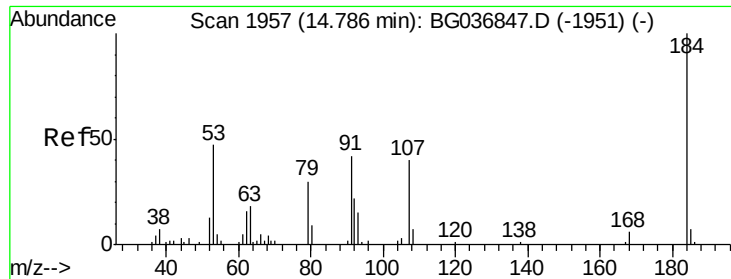
Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 75721 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 10.7  | 9.4   | 14.2  |
| 92        | 132.6 | 96.8  | 145.2 |





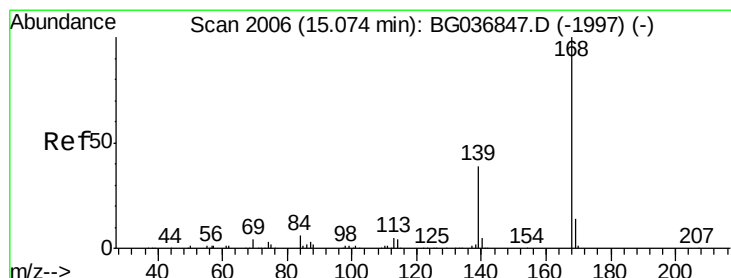
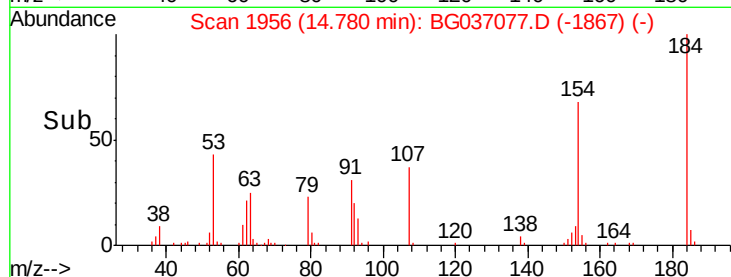
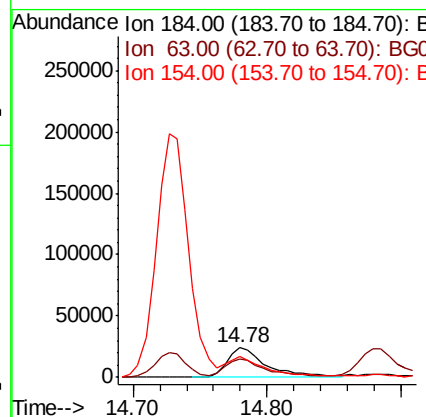
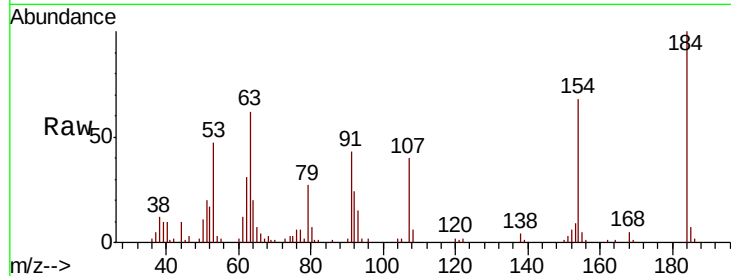
#53  
 2,4-Dinitrophenol  
 Concen: 50.446 ng  
 RT: 14.78 min Scan# 1956  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 63      | 62.0  | 47.3 | 70.9  |       |
| 154     | 68.2  | 51.1 | 76.7  |       |

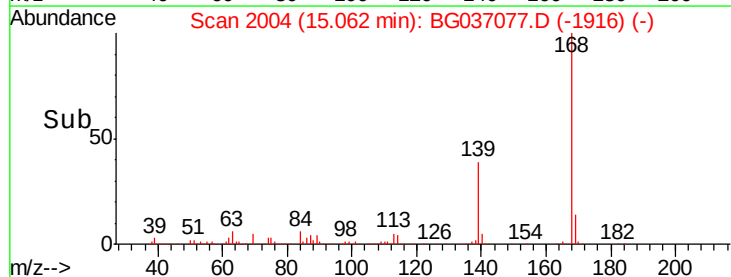
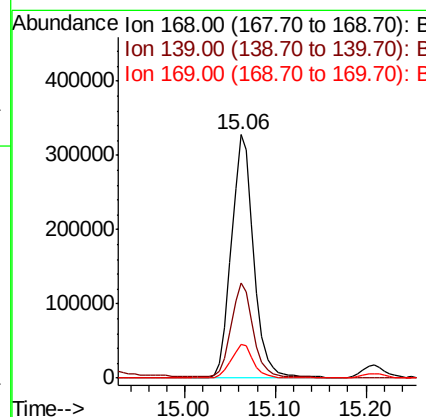
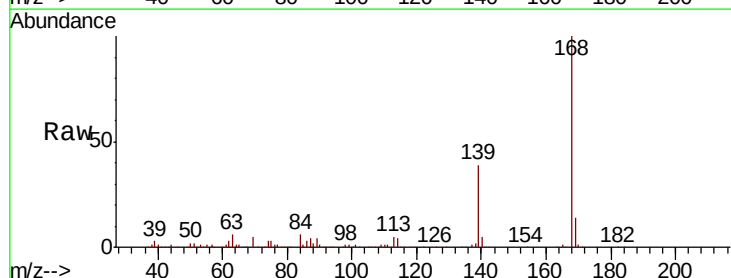
Manual Integrations  
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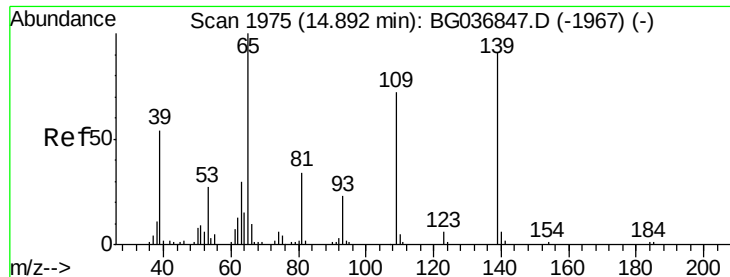
Sohil  
 10/2/2018 5:20:38 PM



#54  
 Dibenzofuran  
 Concen: 44.742 ng  
 RT: 15.06 min Scan# 2004  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 39.3  | 31.0 | 46.6  |       |
| 169     | 13.7  | 11.1 | 16.7  |       |





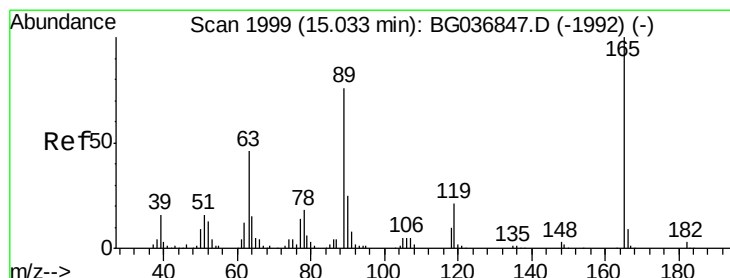
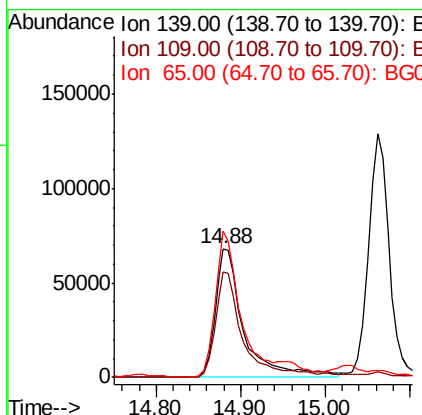
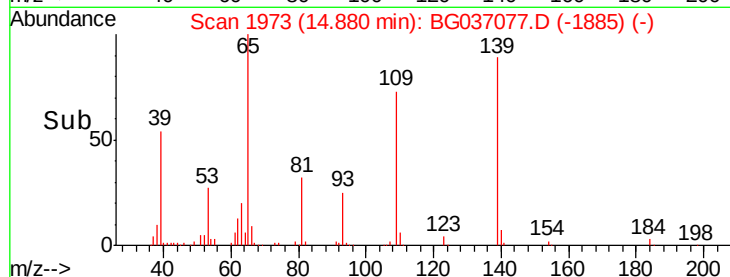
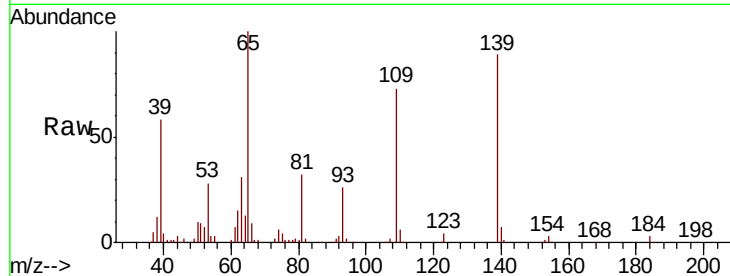
#55  
4-Nitrophenol  
Concen: 104.145 ng  
RT: 14.88 min Scan# 1973  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 139     | 100   | 159808 |       |       |
| 109     | 81.9  | 63.9   | 103.9 |       |
| 65      | 113.0 | 90.0   | 130.0 |       |

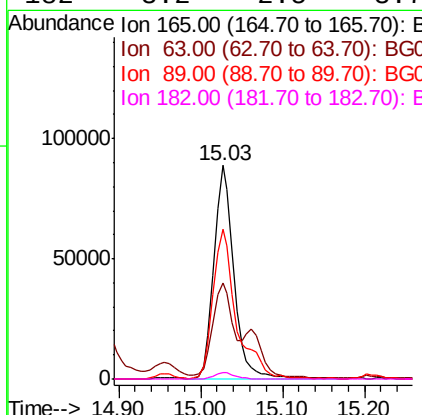
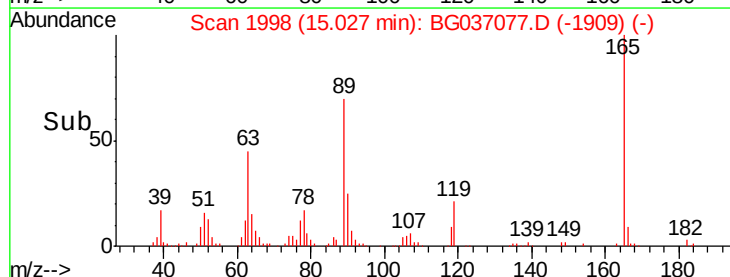
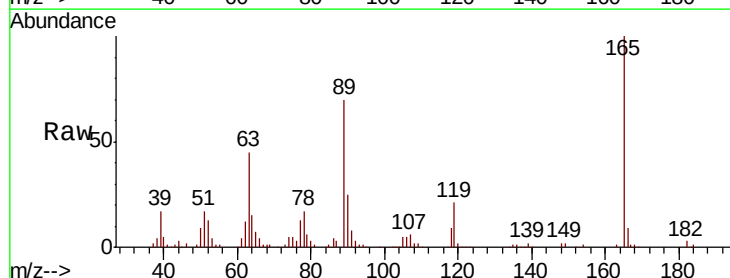
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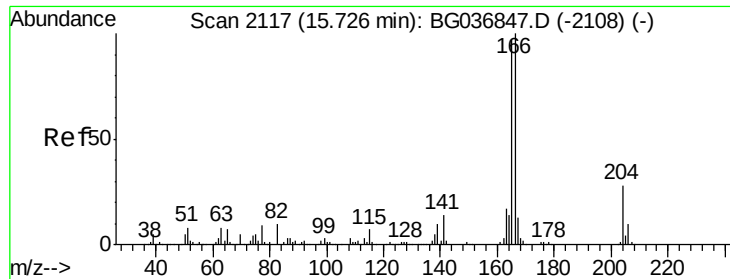


#56  
2,4-Dinitrotoluene  
Concen: 47.643 ng  
RT: 15.03 min Scan# 1998  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 151539 |       |       |
| 63      | 45.2  | 40.1   | 60.1  |       |
| 89      | 70.1  | 63.7   | 95.5  |       |
| 182     | 3.2   | 2.5    | 3.7   |       |







#57

Fluorene

Concen: 48.520 ng

RT: 15.71 min Scan# 2115

Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

Instrument :

BNA\_G

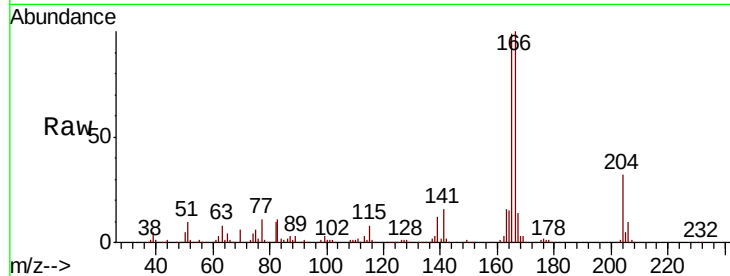
ClientSampleId :

PB113331BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 166   | Resp: | 454141 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 98.6  | 77.0  | 115.4  |
| 167       | 13.9  | 10.6  | 16.0   |

Manual Integrations  
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10/2/2018 5:20:38 PM

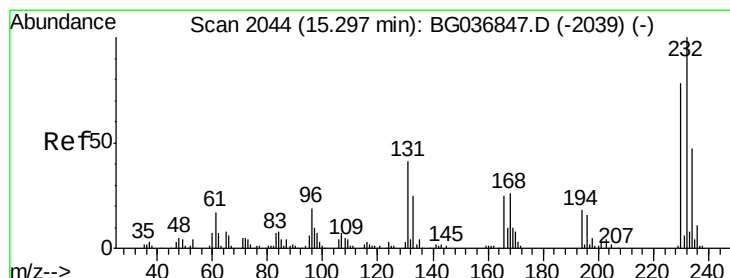
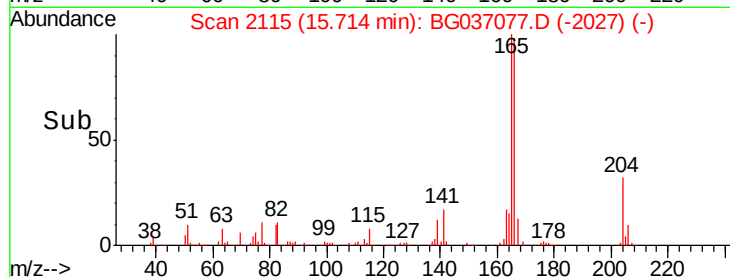
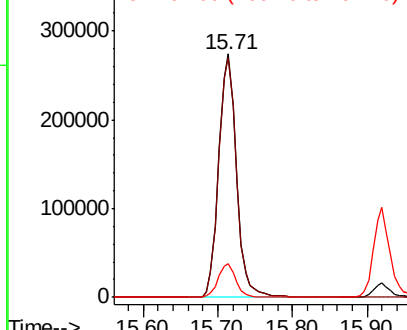


Abundance

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: 51.048 ng

RT: 15.29 min Scan# 2043

Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 232   | Resp: | 138811 |
| Ion Ratio | Lower | Upper |        |
| 232       | 100   |       |        |
| 131       | 38.4  | 33.8  | 50.8   |
| 130       | 2.2   | 2.1   | 3.1    |
| 166       | 27.4  | 22.3  | 33.5   |

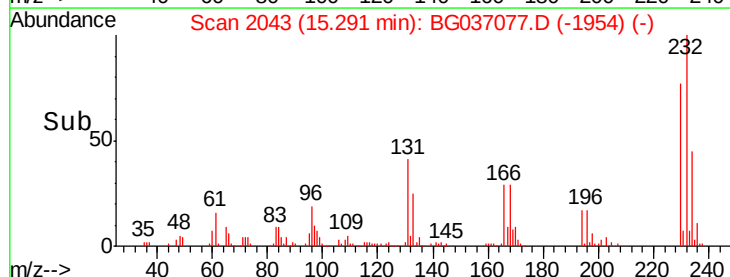
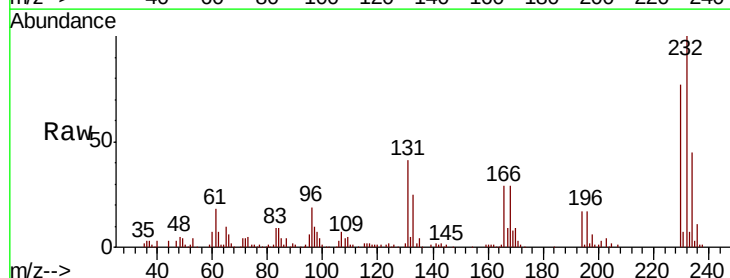
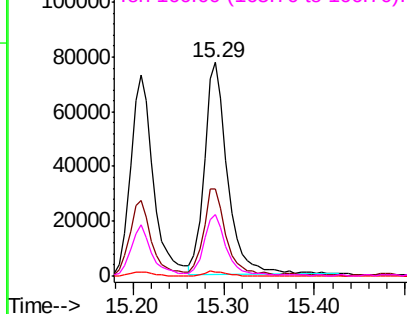
Abundance

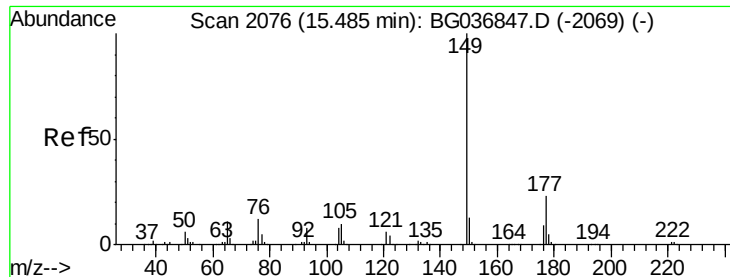
Ion 232.00 (231.70 to 232.70): E

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





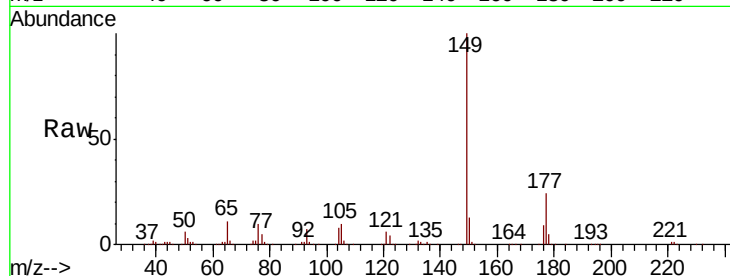
#59  
Diethylphthalate  
Concen: 45.071 ng  
RT: 15.48 min Scan# 2075  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BS

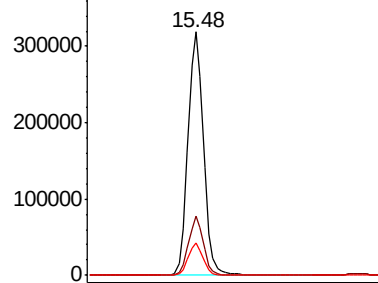
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.3  | 19.1  | 28.7  |
| 150     | 13.3  | 10.7  | 16.1  |

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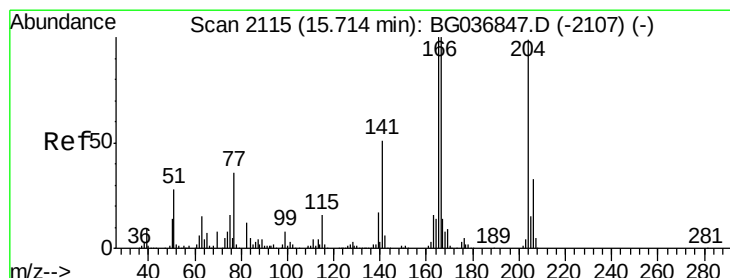
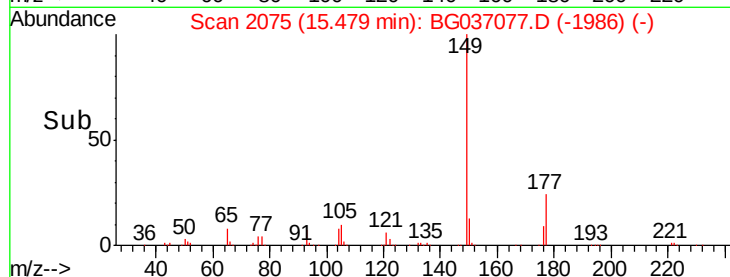
Sohil  
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Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

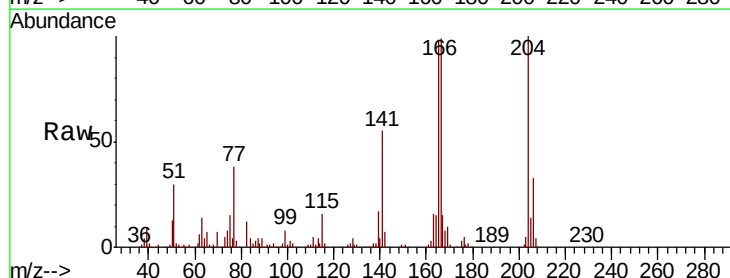


Time-->

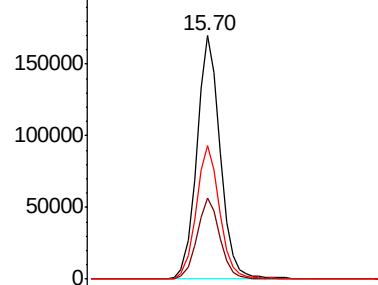


#60  
4-Chlorophenyl-phenylether  
Concen: 42.601 ng  
RT: 15.70 min Scan# 2113  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

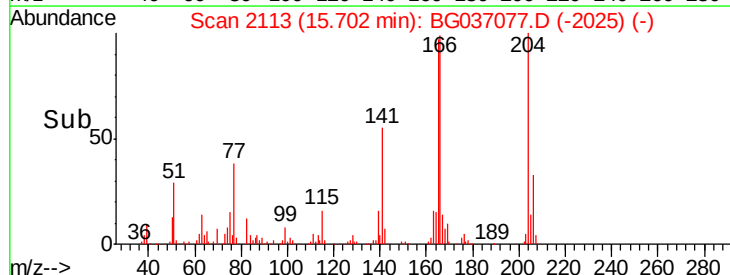
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.1  | 27.0  | 40.4  |
| 141     | 54.6  | 43.8  | 65.6  |

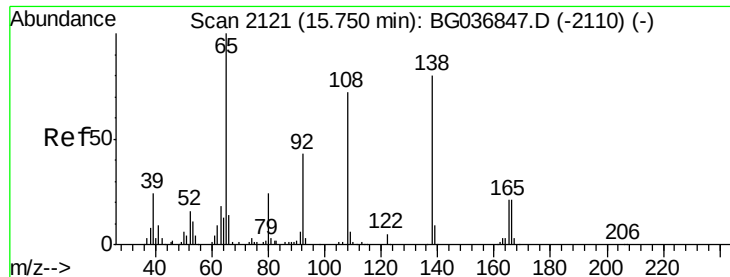


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E



Time-->





#61

4-Nitroaniline

Concen: 45.988 ng

RT: 15.74 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

Instrument :

BNA\_G

ClientSampleId :

PB113331BS

Tot Ion:138 Resp: 116191

Ion Ratio Lower Upper

138 100

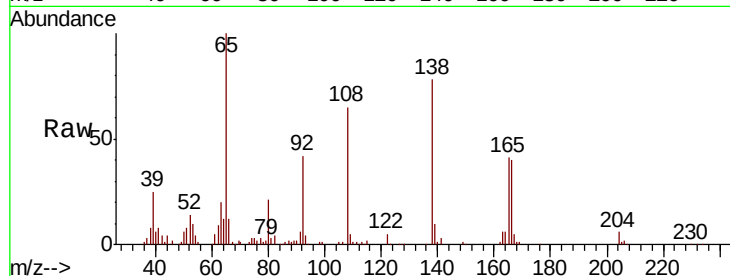
92 53.2 38.5 78.5

108 82.6 70.3 110.3

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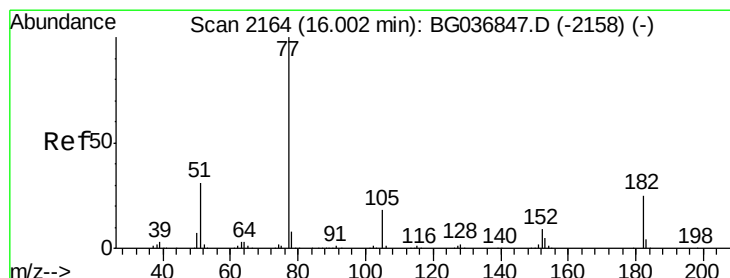
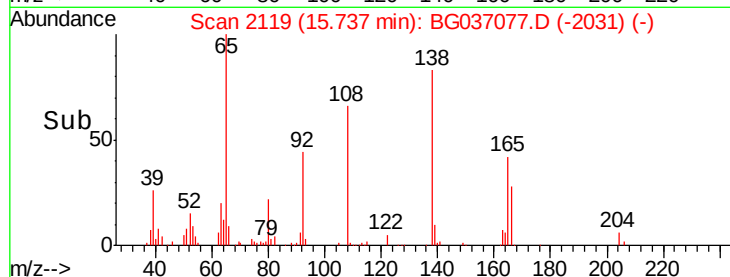
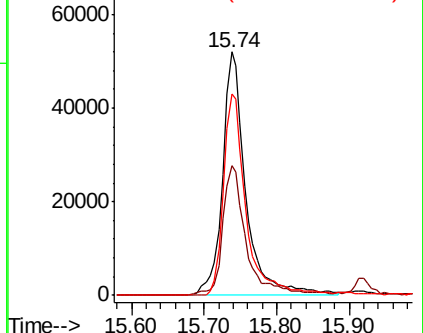
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 47.179 ng

RT: 16.00 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

Tgt Ion: 77 Resp: 477683

Ion Ratio Lower Upper

77 100

182 27.6 6.7 46.7

105 20.0 0.0 39.8

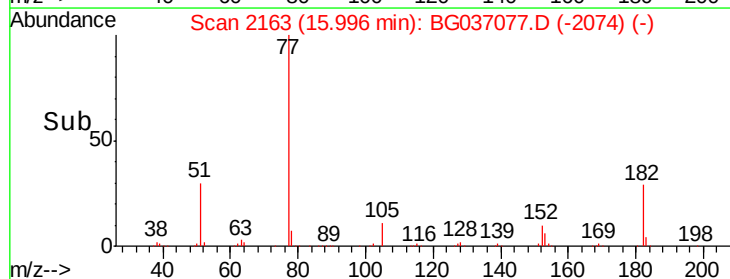
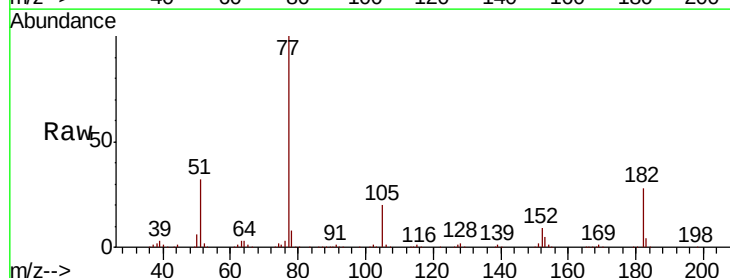
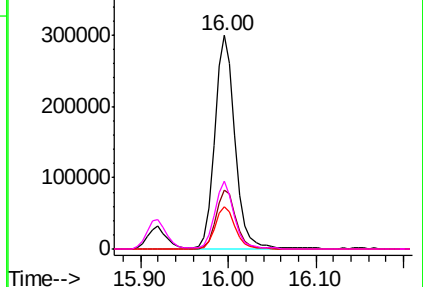
51 31.9 12.4 52.4

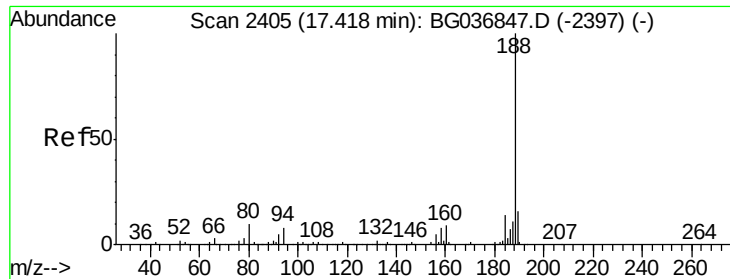
Abundance Ion 77.00 (76.70 to 77.70): BG

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG





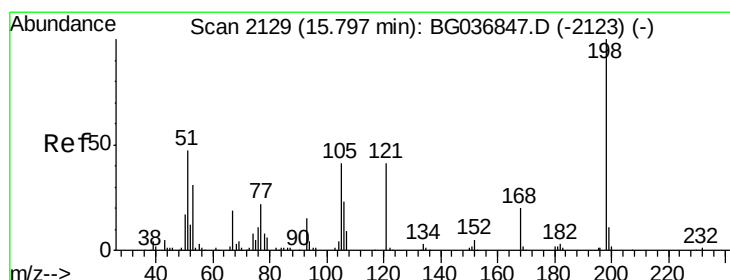
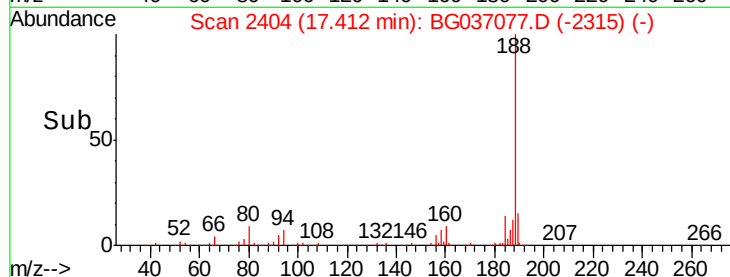
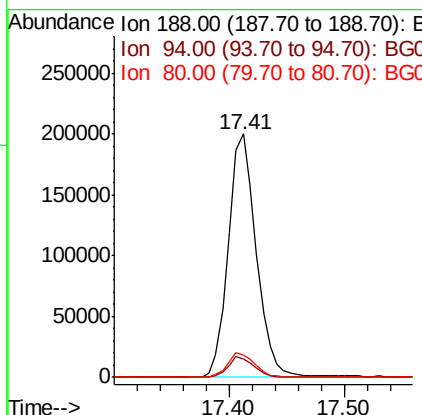
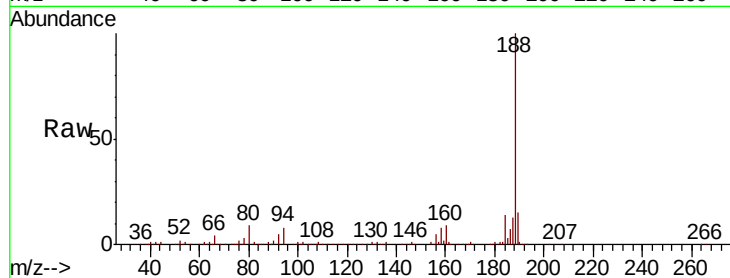
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.41 min Scan# 2404  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 188     | 100   | 335862 |       |       |
| 94      | 7.7   |        | 6.7   | 10.1  |
| 80      | 9.3   |        | 8.1   | 12.1  |

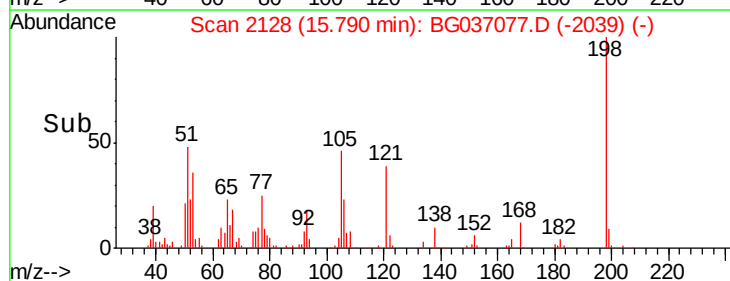
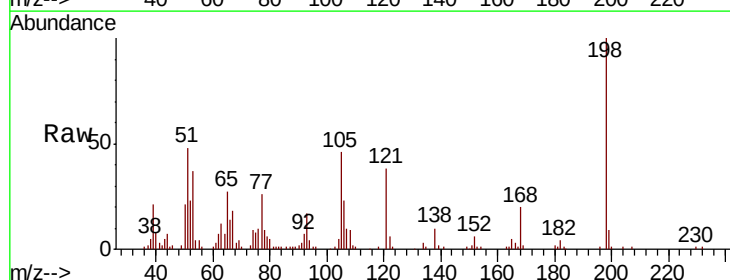
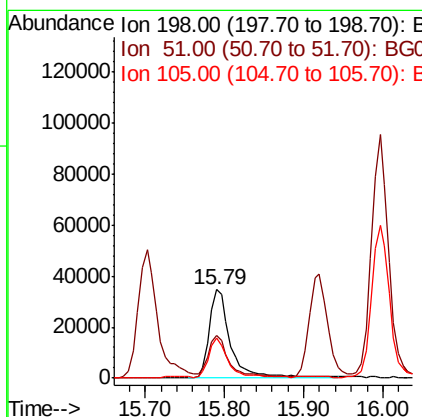
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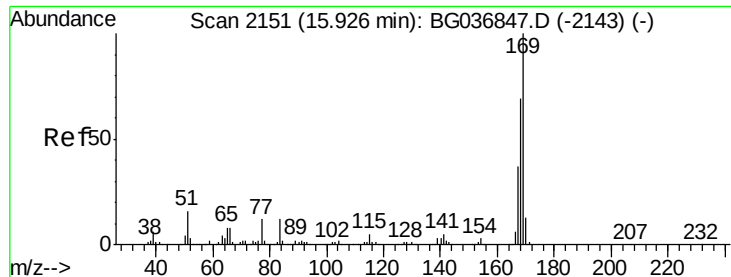
Sohil  
10/2/2018 5:20:38 PM



#64  
4,6-Dinitro-2-methylphenol  
Concen: 37.087 ng  
RT: 15.79 min Scan# 2128  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 65122 |       |       |
| 51      | 47.9  |       | 26.5  | 66.5  |
| 105     | 45.7  |       | 20.2  | 60.2  |





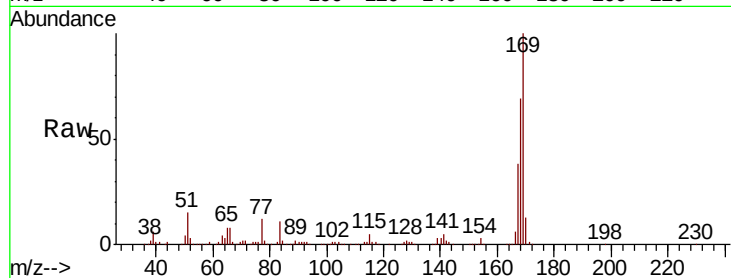
#65  
 n-Nitrosodiphenylamine  
 Concen: 44.873 ng  
 RT: 15.92 min Scan# 2150  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 416075 |       |       |
| 168     | 68.9  |        | 57.6  | 86.4  |
| 167     | 37.8  |        | 31.0  | 46.4  |

Manual Integrations  
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Sohil  
 10/2/2018 5:20:38 PM

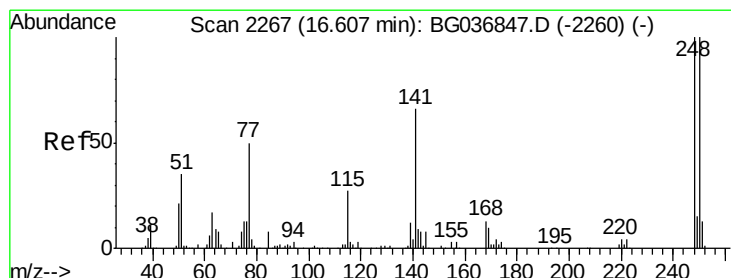
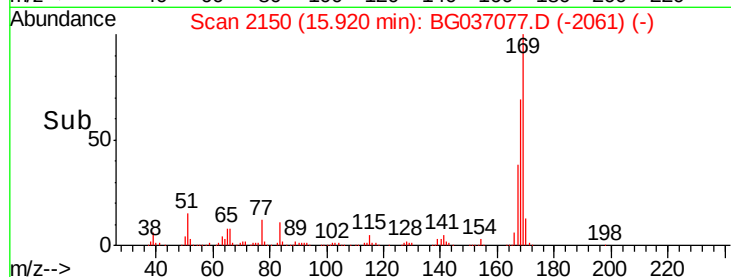
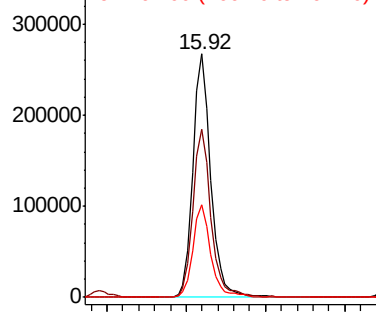


Abundance

Ion 169.00 (168.70 to 169.70): E

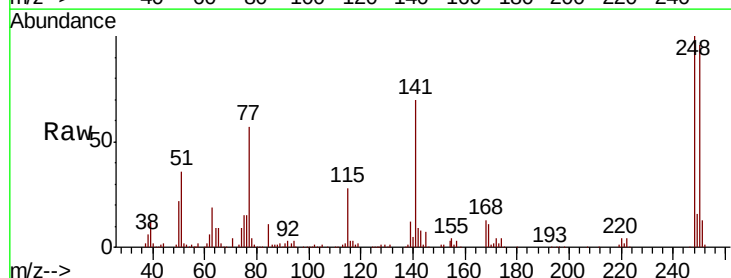
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66  
 4-Bromophenyl-phenylether  
 Concen: 42.096 ng  
 RT: 16.60 min Scan# 2265  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 160817 |       |       |
| 250     | 95.7  |        | 78.1  | 117.1 |
| 141     | 70.3  |        | 53.7  | 80.5  |

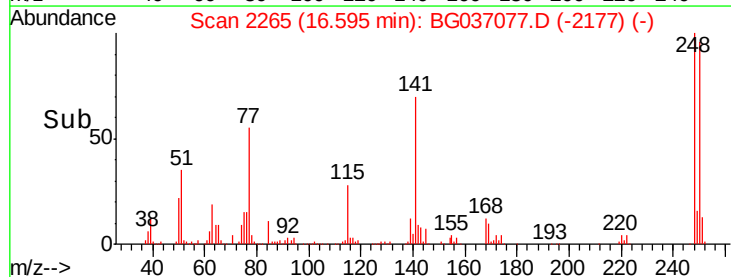
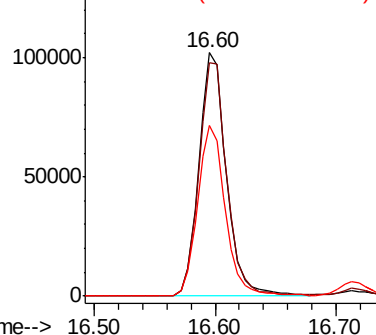


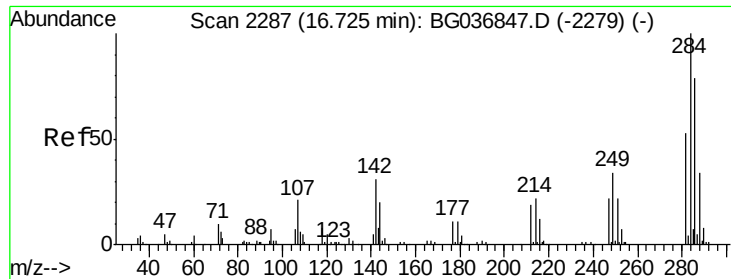
Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.420 ng

RT: 16.72 min Scan# 2286

Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

Instrument :

BNA\_G

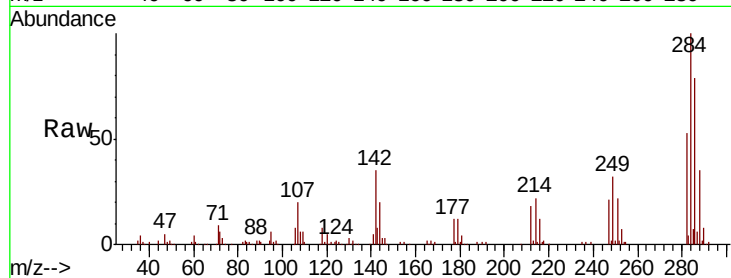
ClientSampled :

PB113331BS

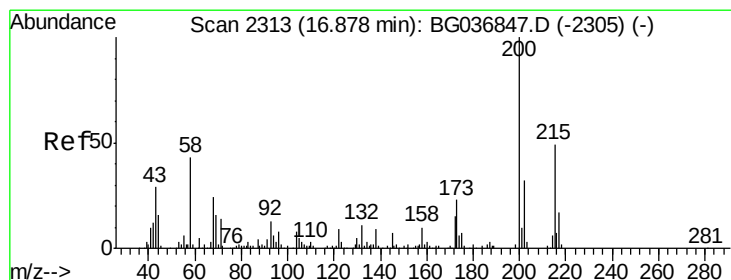
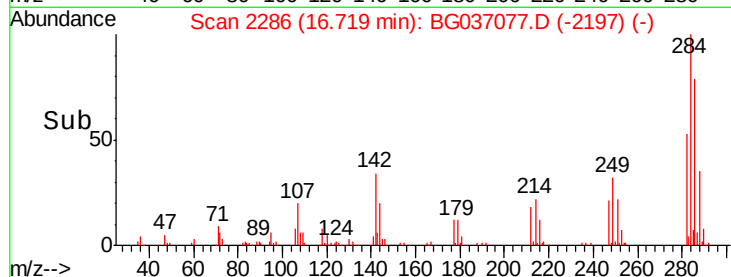
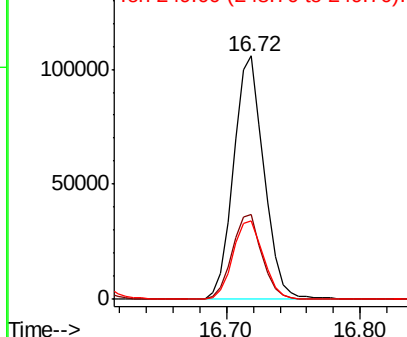
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 166906 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 34.7 | 27.8  | 41.6   |
| 249       | 32.4 | 27.4  | 41.2   |

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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: 46.719 ng

RT: 16.87 min Scan# 2311

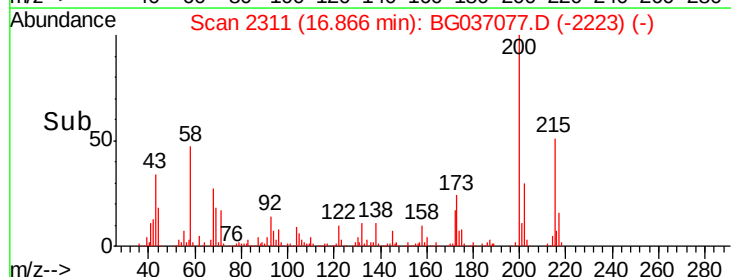
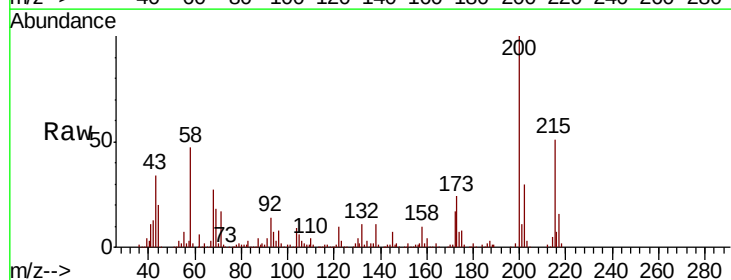
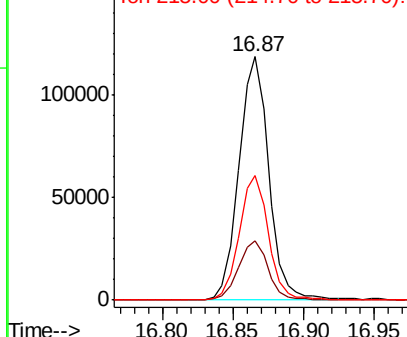
Delta R.T. -0.01 min

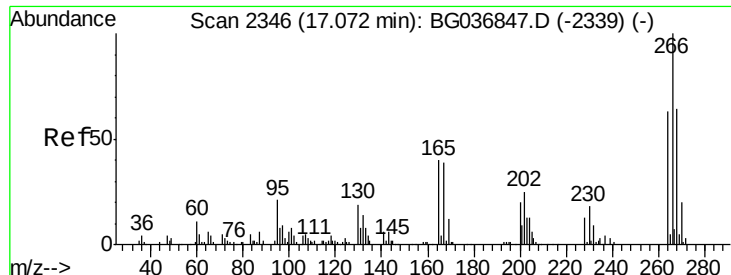
Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 175401 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 24.1 | 3.9   | 43.9   |
| 215       | 51.1 | 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





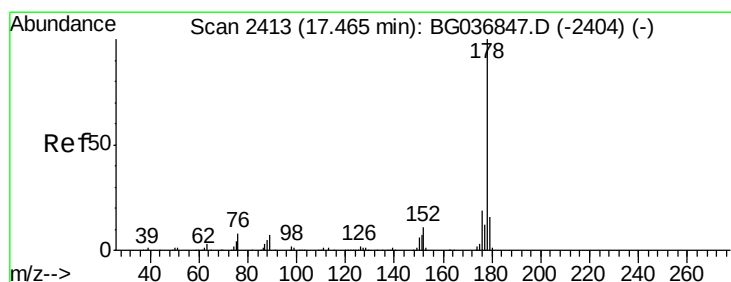
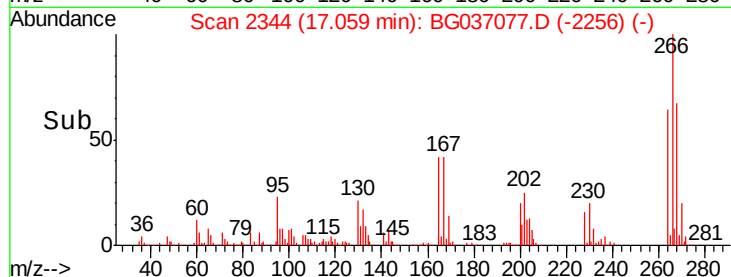
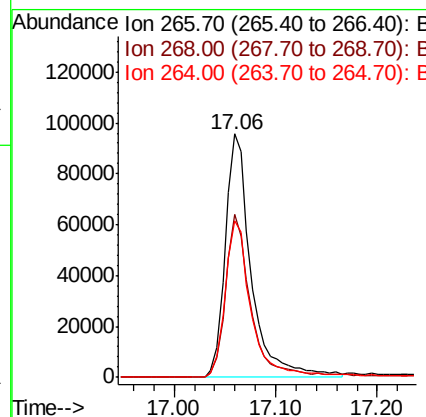
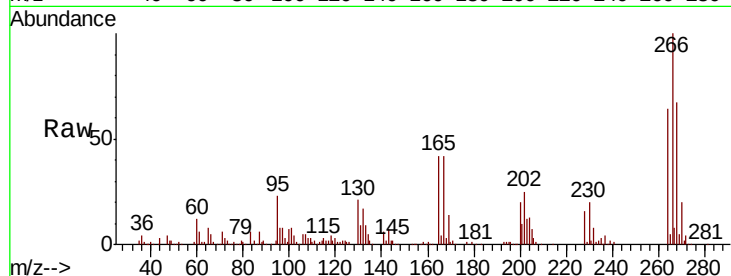
#69  
 Pentachlorophenol  
 Concen: 68.743 ng  
 RT: 17.06 min Scan# 2344  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 67.2  | 51.4  | 77.2  |
| 264     | 64.5  | 48.9  | 73.3  |

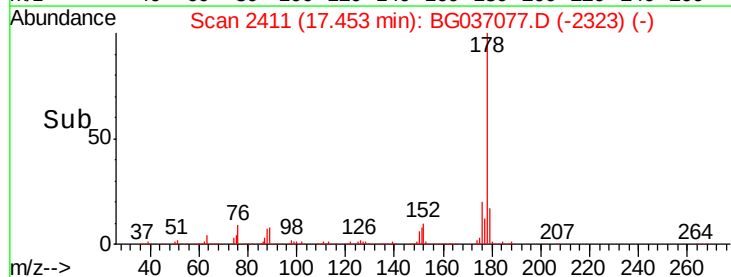
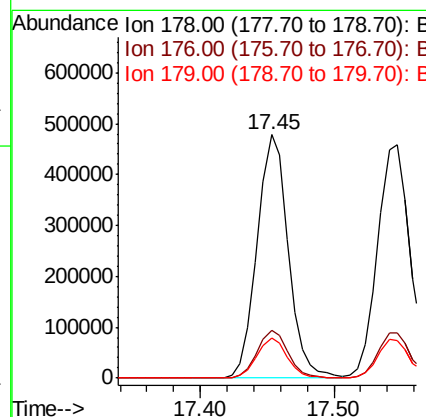
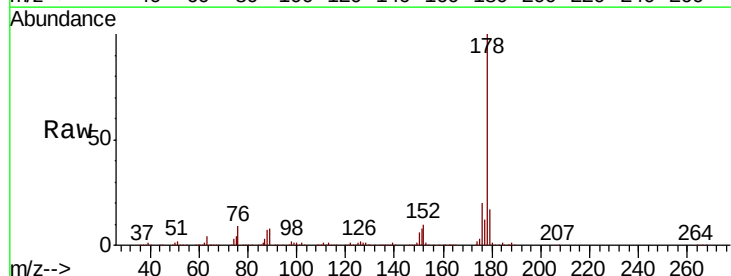
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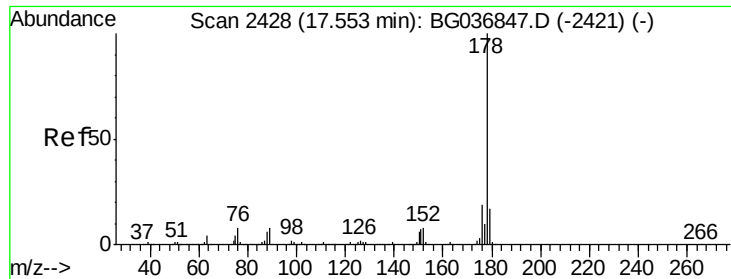
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#70  
 Phenanthrene  
 Concen: 47.662 ng  
 RT: 17.45 min Scan# 2411  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 15.4  | 23.2  |
| 179     | 16.6  | 13.4  | 20.2  |





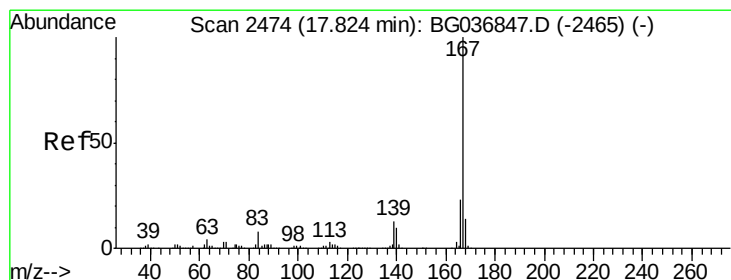
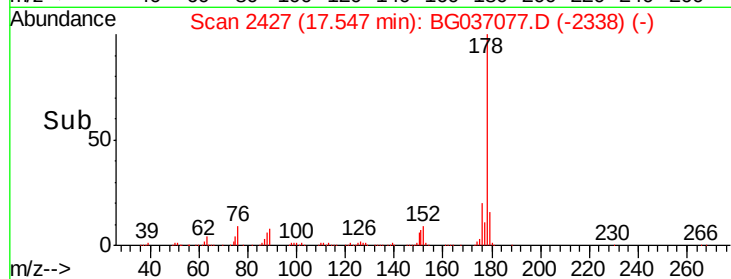
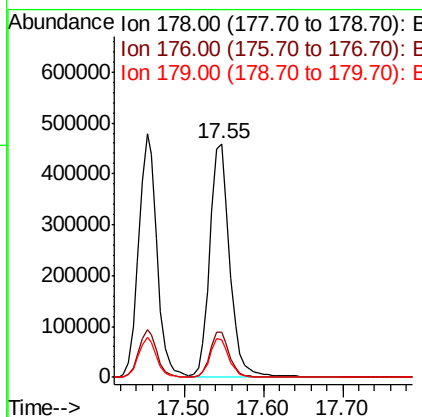
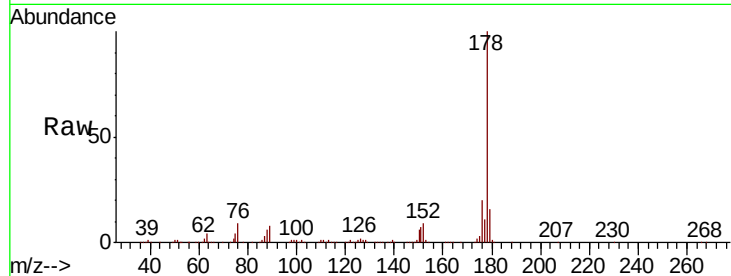
#71  
 Anthracene  
 Concen: 49.902 ng  
 RT: 17.55 min Scan# 2427  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.5  | 15.4  | 23.2  |
| 179     | 16.2  | 13.0  | 19.4  |

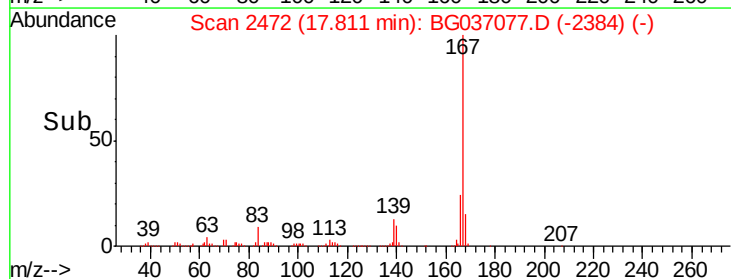
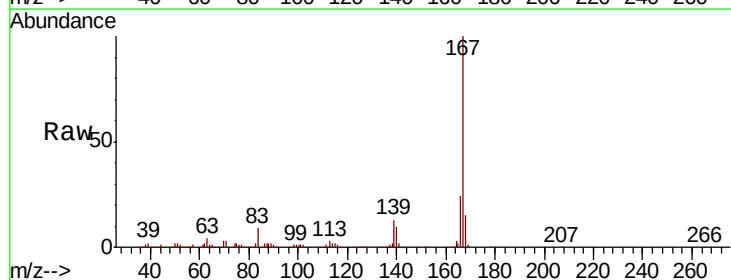
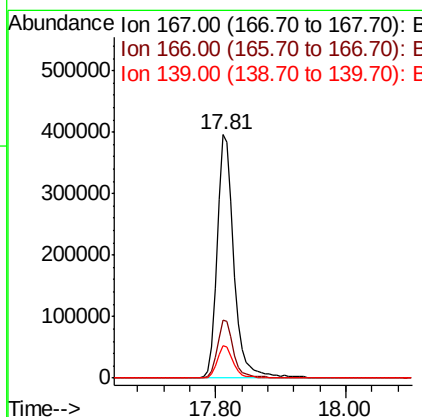
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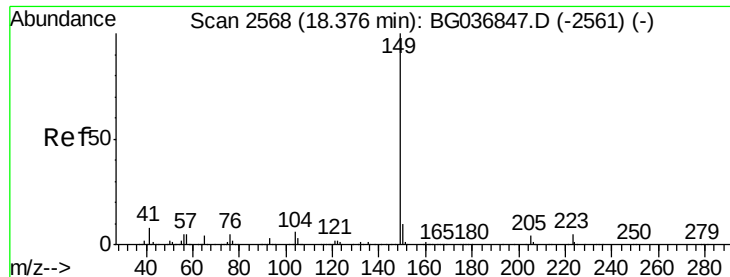


#72  
 Carbazole  
 Concen: 45.241 ng  
 RT: 17.81 min Scan# 2472  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.6  | 19.5  | 29.3  |
| 139     | 13.1  | 10.7  | 16.1  |







#73

Di-n-butylphthalate

Concen: 47.576 ng

RT: 18.36 min Scan# 2566

Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

Instrument :

BNA\_G

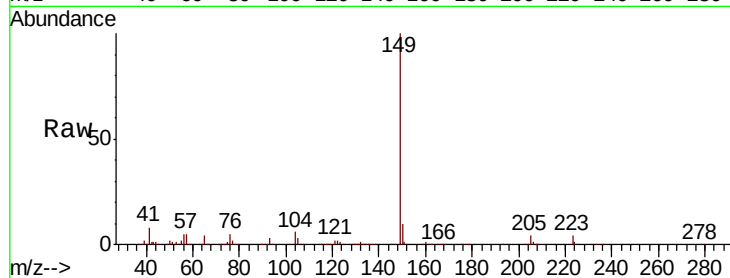
ClientSampleId :

PB113331BS

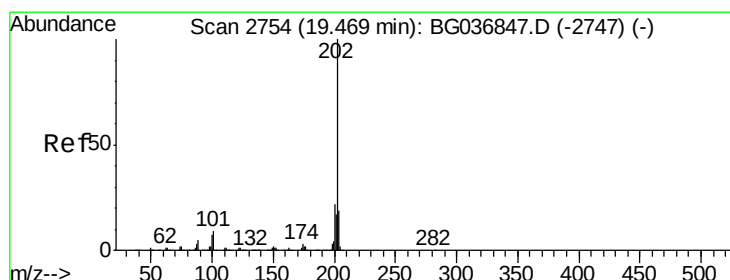
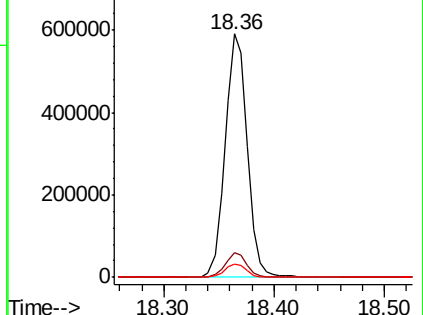
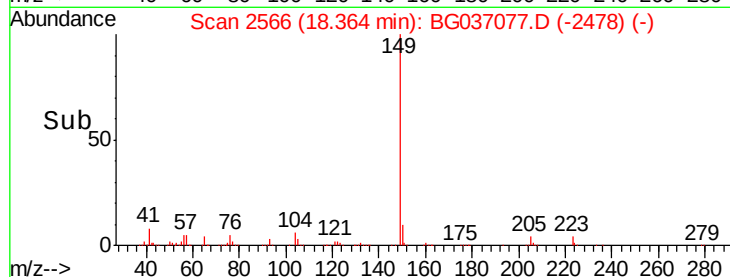
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 824435 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 10.0  | 8.1   | 12.1   |
| 104       | 5.6   | 4.6   | 6.8    |

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Abundance Ion 149.00 (148.70 to 149.70): E  
800000  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 48.616 ng

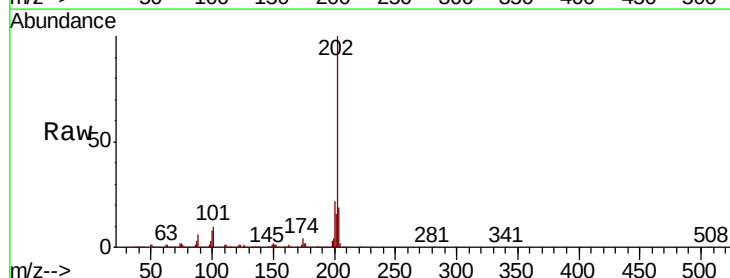
RT: 19.46 min Scan# 2752

Delta R.T. -0.01 min

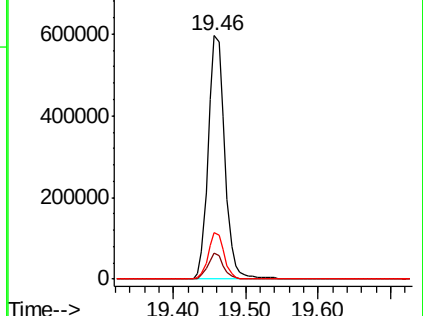
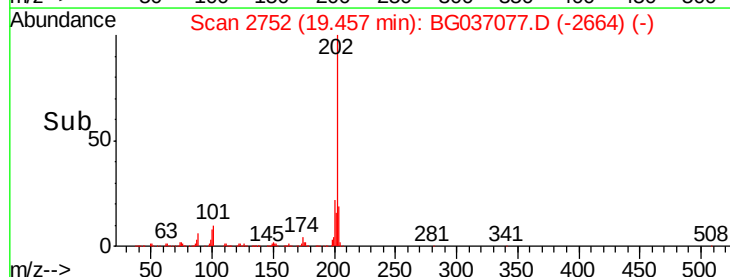
Lab File: BG037077.D

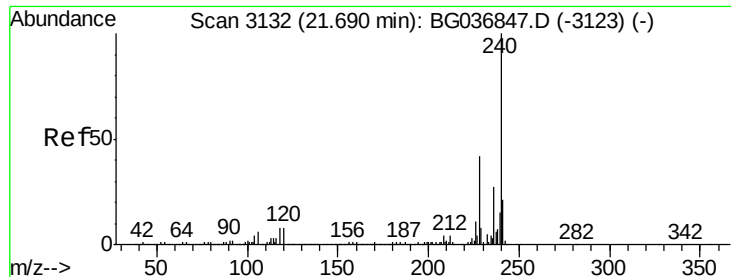
Acq: 1 Oct 2018 15:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 947149 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 10.4  | 0.0   | 29.4   |
| 203       | 19.2  | 0.0   | 38.9   |



Abundance Ion 202.00 (201.70 to 202.70): E  
800000  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

Instrument :

BNA\_G

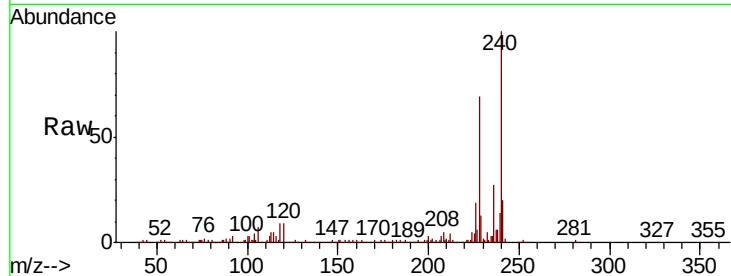
ClientSampleId :

PB113331BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 327741 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.9   | 6.9   | 10.3   |
| 236       | 27.0  | 21.2  | 31.8   |

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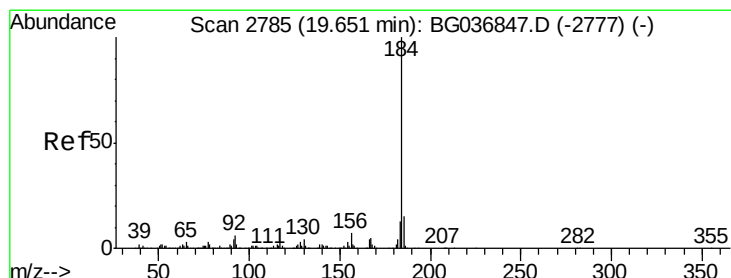
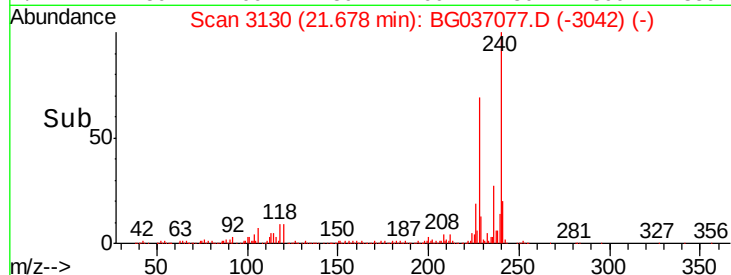
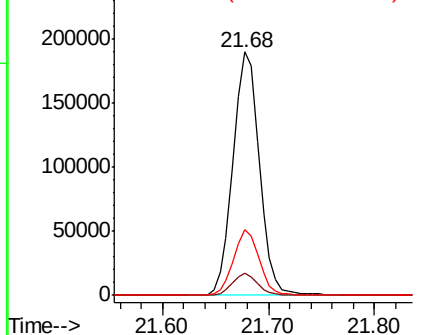


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 33.283 ng

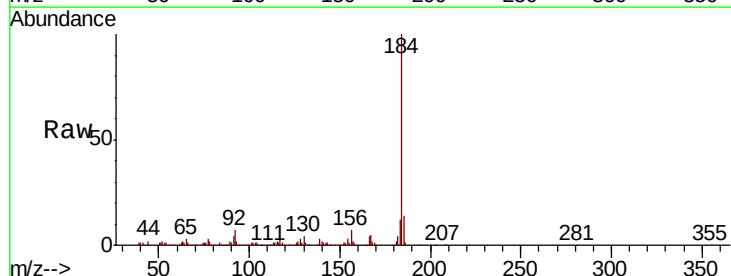
RT: 19.64 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 329752 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.4  | 12.6  | 18.8   |
| 183       | 12.5  | 10.9  | 16.3   |

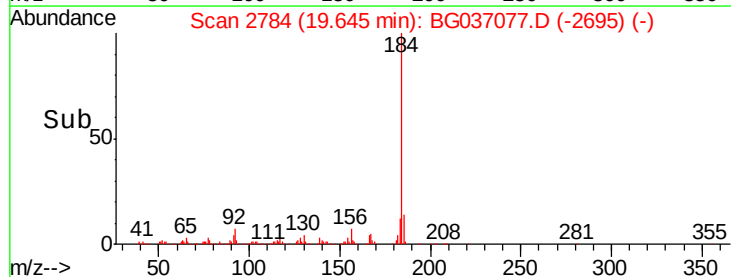
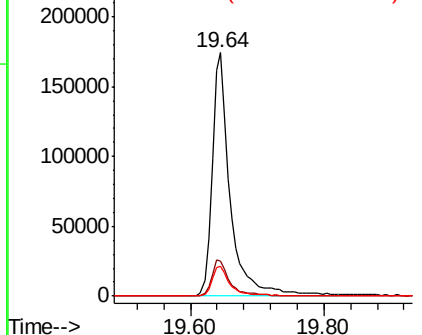


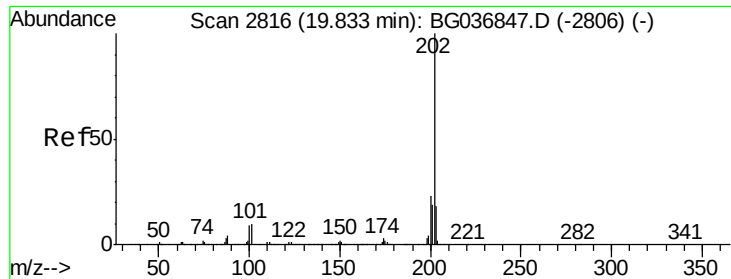
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





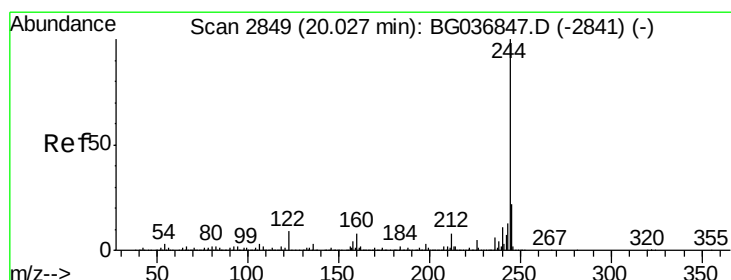
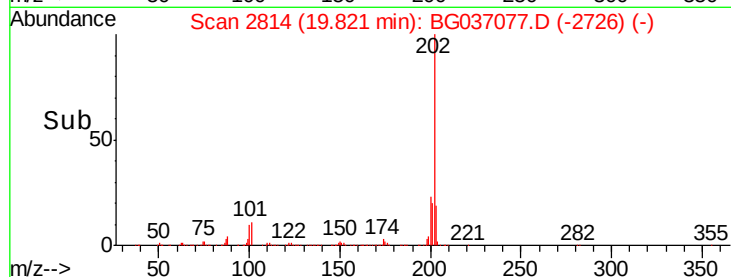
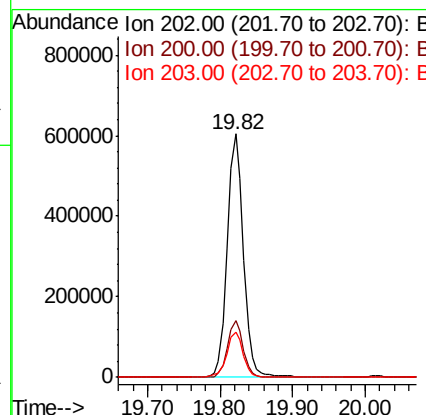
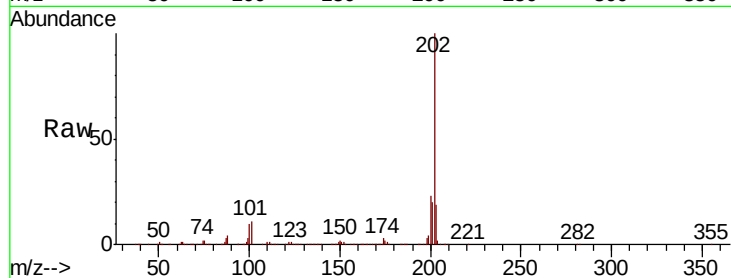
#77  
Pvrene  
Concen: 47.475 ng  
RT: 19.82 min Scan# 2814  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 23.4  | 18.3       | 27.5  |
| 203     | 18.8  | 15.1       | 22.7  |

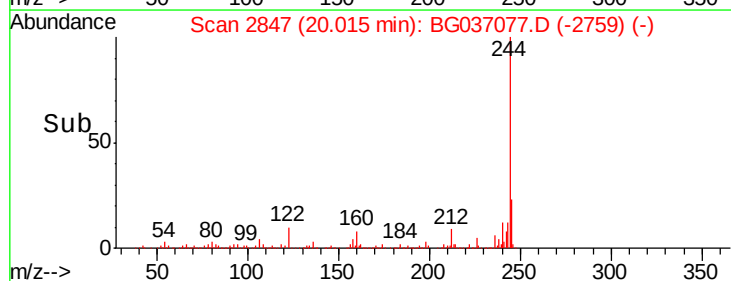
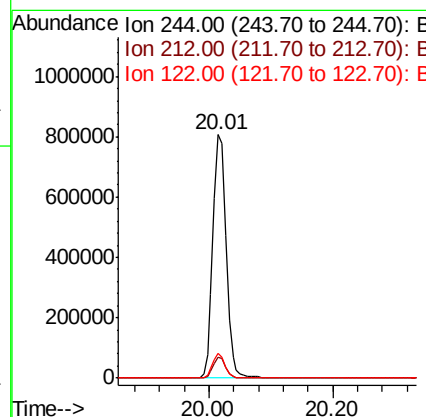
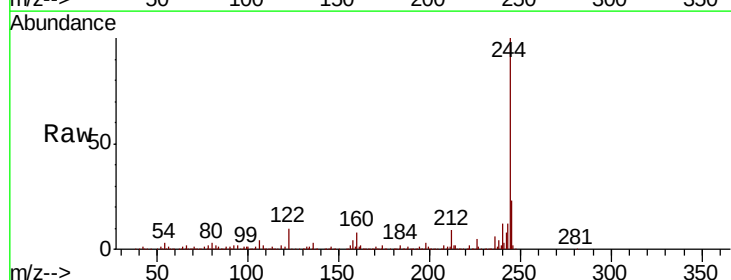
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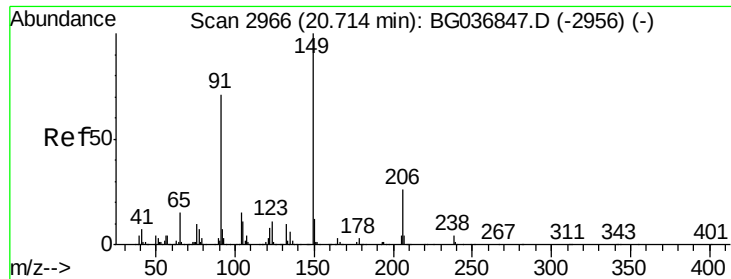
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#78  
Terphenyl-d14  
Concen: 95.840 ng  
RT: 20.01 min Scan# 2847  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 8.7   | 7.0        | 10.6  |
| 122     | 10.1  | 7.1        | 10.7  |





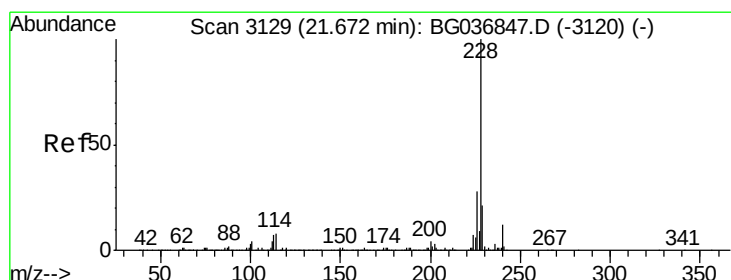
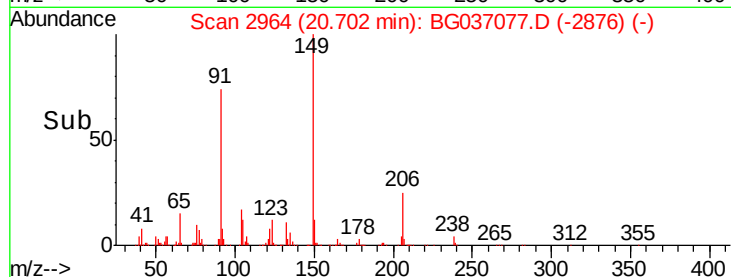
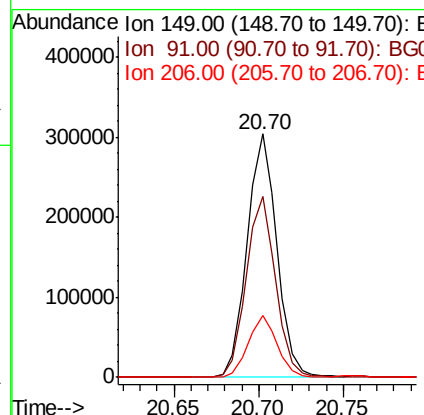
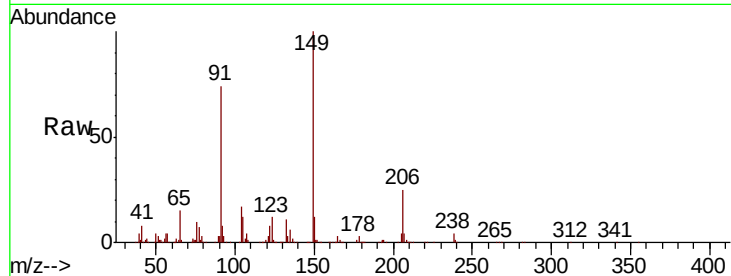
#79  
Butylbenzylphthalate  
Concen: 47.797 ng  
RT: 20.70 min Scan# 2964  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

Instrument :  
BNA\_G  
ClientSampleId :  
PB113331BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 374690 |       |       |
| 91      | 74.4  | 62.0   | 93.0  |       |
| 206     | 25.3  | 19.6   | 29.4  |       |

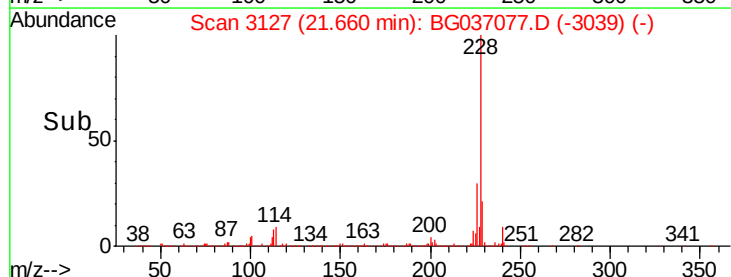
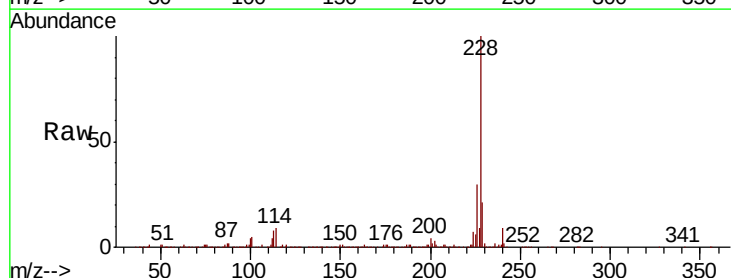
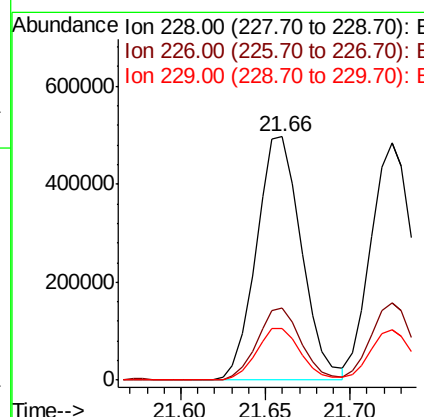
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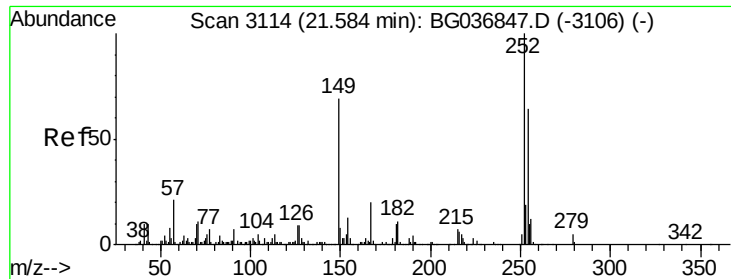
Sohil  
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#80  
Benzo(a)anthracene  
Concen: 48.089 ng  
RT: 21.66 min Scan# 3127  
Delta R.T. -0.01 min  
Lab File: BG037077.D  
Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 920027 |       |       |
| 226     | 29.8  | 23.4   | 35.2  |       |
| 229     | 21.0  | 17.1   | 25.7  |       |





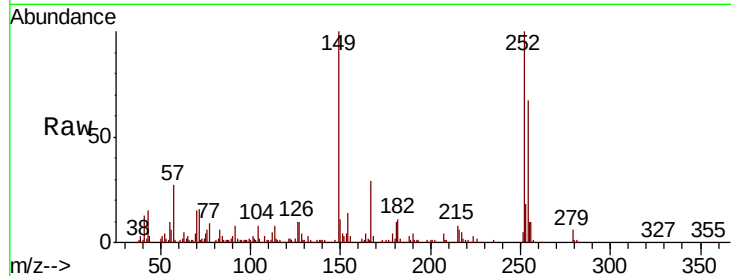
#81  
 3,3'-Dichlorobenzidine  
 Concen: 31.279 ng  
 RT: 21.57 min Scan# 3112  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.6  | 51.0  | 76.4  |
| 126     | 10.2  | 7.4   | 11.0  |

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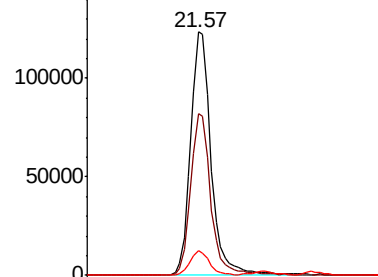


Abundance

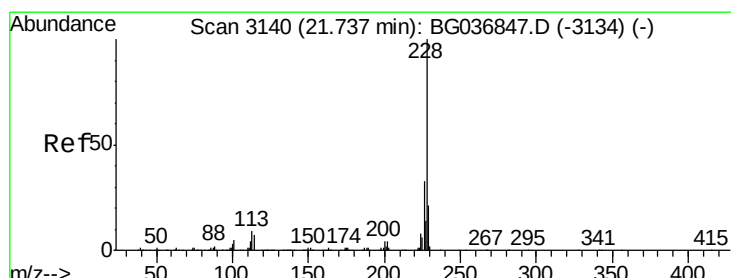
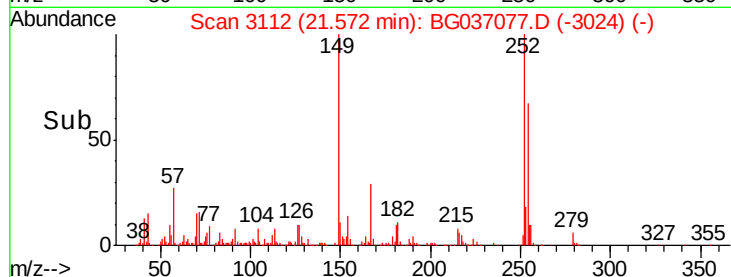
Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

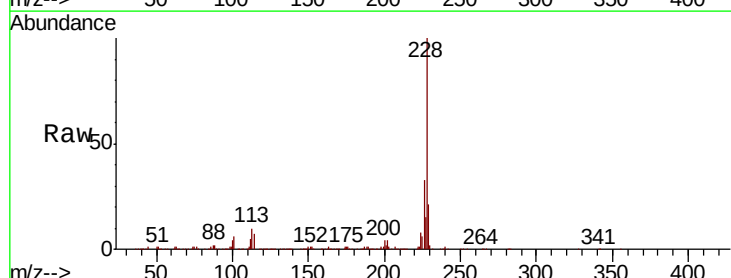


Time-->



#82  
 Chrysene  
 Concen: 46.848 ng  
 RT: 21.72 min Scan# 3138  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.7  | 25.5  | 38.3  |
| 229     | 21.0  | 16.9  | 25.3  |

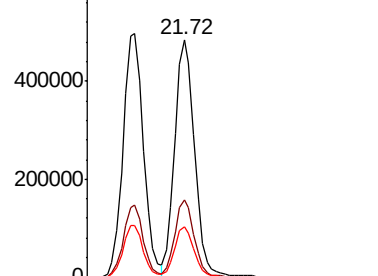


Abundance

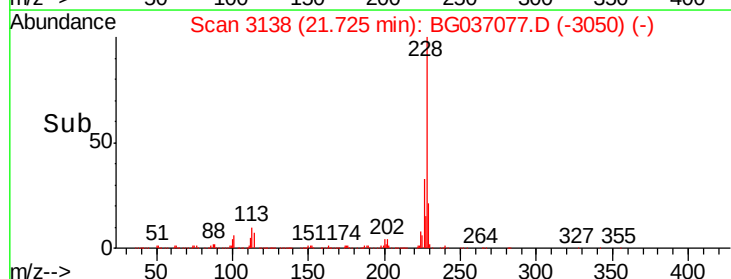
Ion 228.00 (227.70 to 228.70): E

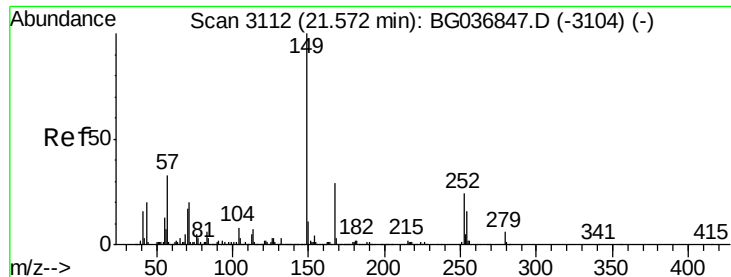
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->





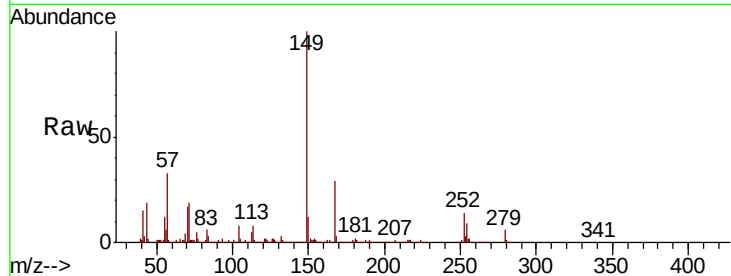
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 47.595 ng  
 RT: 21.56 min Scan# 3110  
 Delta R.T. -0.01 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113331BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 521225 |       |       |
| 167     | 29.0  | 23.4   | 35.0  |       |
| 279     | 5.6   | 4.6    | 7.0   |       |

Manual Integrations  
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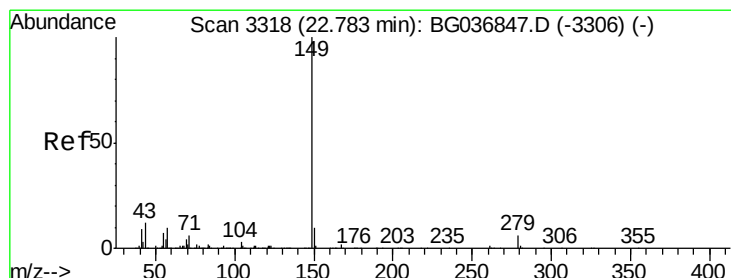
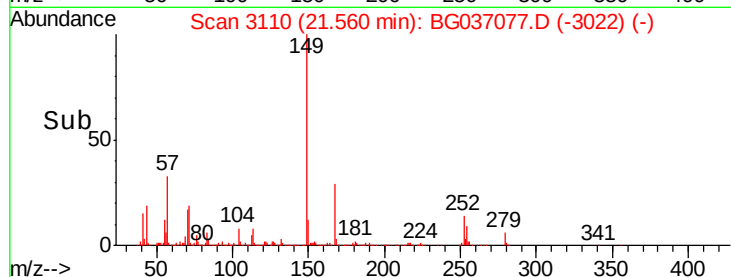
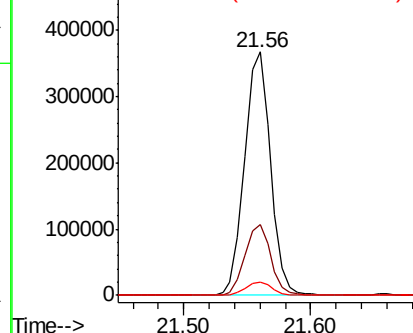


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84  
 Di-n-octyl phthalate  
 Concen: 48.825 ng  
 RT: 22.76 min Scan# 3315  
 Delta R.T. -0.02 min  
 Lab File: BG037077.D  
 Acq: 1 Oct 2018 15:44

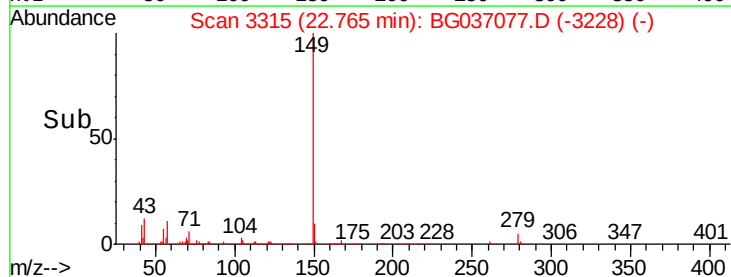
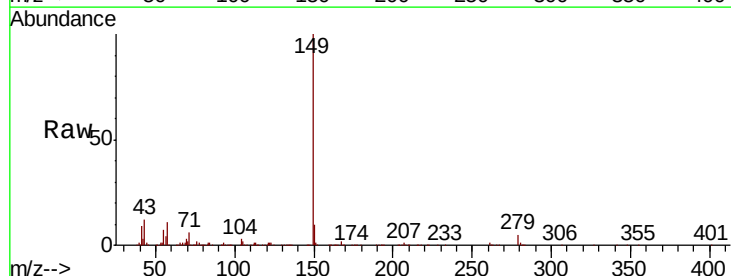
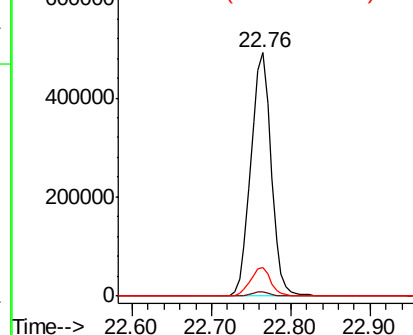
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 880360 |       |       |
| 167     | 1.7   | 1.3    | 1.9   |       |
| 43      | 11.7  | 10.0   | 15.0  |       |

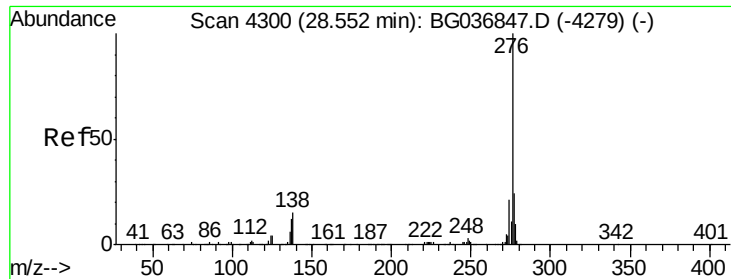
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.977 ng

RT: 28.53 min Scan# 4296

Delta R.T. -0.02 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

Instrument :

BNA\_G

ClientSampleId :

PB113331BS

Tot Ion:276 Resp: 1011895

Ion Ratio Lower Upper

276 100

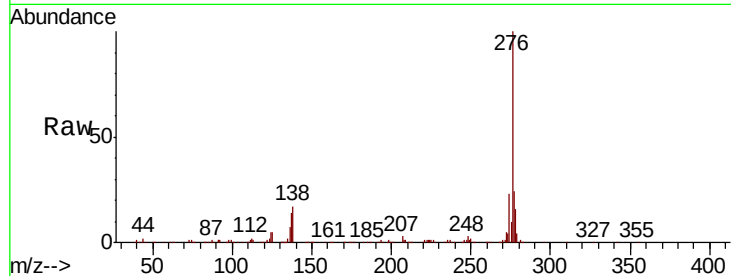
138 21.3 10.6 15.8#

277 25.4 20.6 30.8

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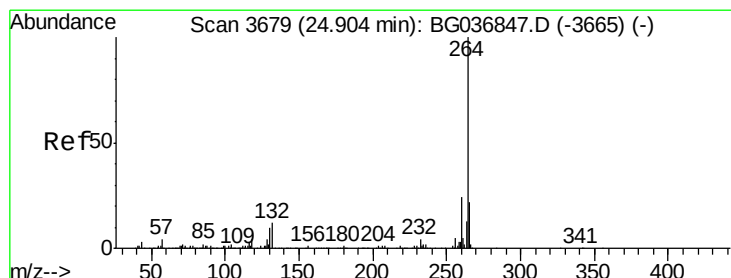
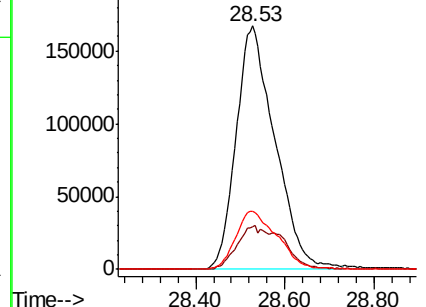
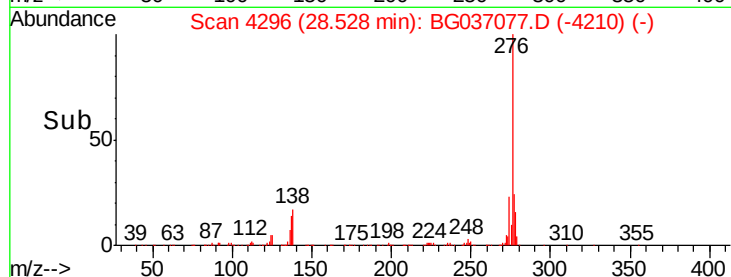
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.88 min Scan# 3675

Delta R.T. -0.02 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

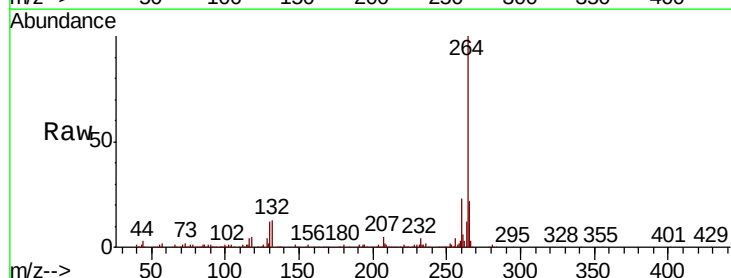
Tgt Ion:264 Resp: 336564

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

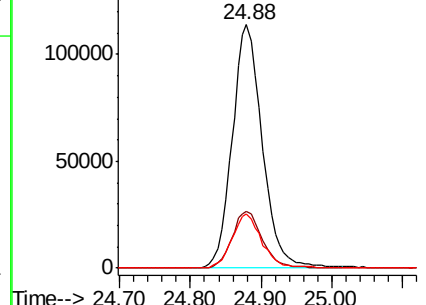
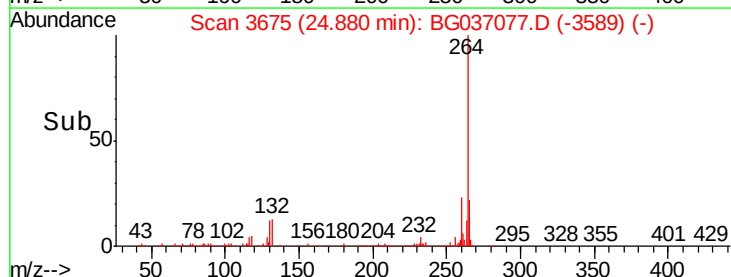
265 22.1 17.4 26.0

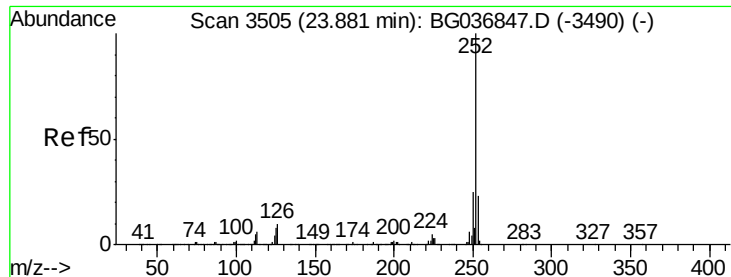


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 49.779 ng

RT: 23.86 min Scan# 3502

Delta R.T. -0.02 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

Instrument :

BNA\_G

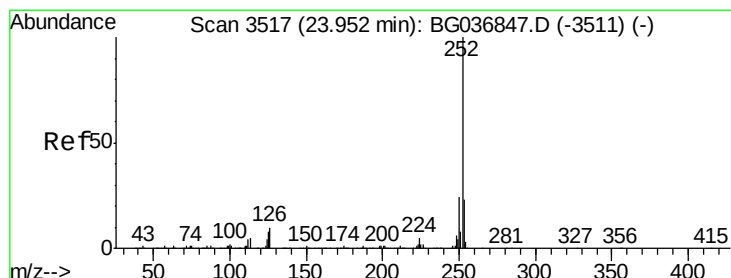
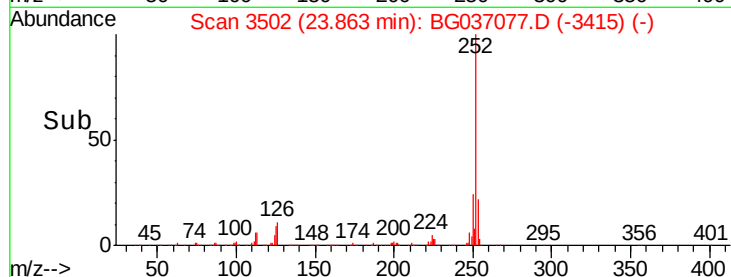
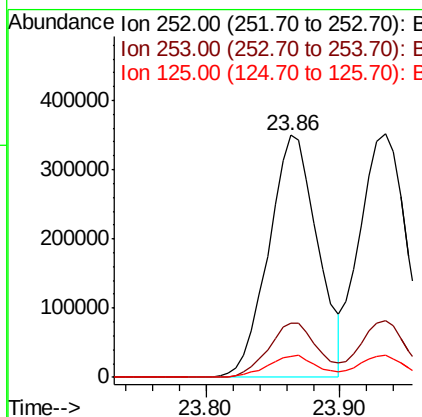
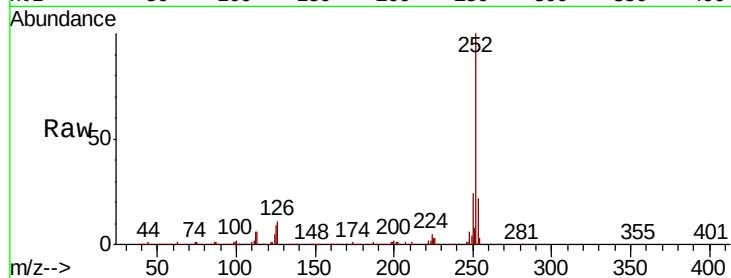
ClientSampleId :

PB113331BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 892853 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.4  | 17.1  | 25.7   |
| 125       | 8.8   | 6.6   | 10.0   |

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#88

Benzo(k)fluoranthene

Concen: 48.929 ng

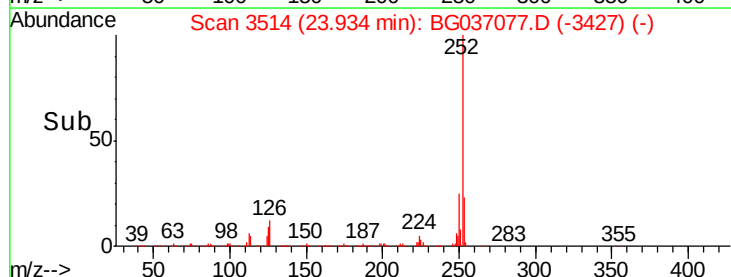
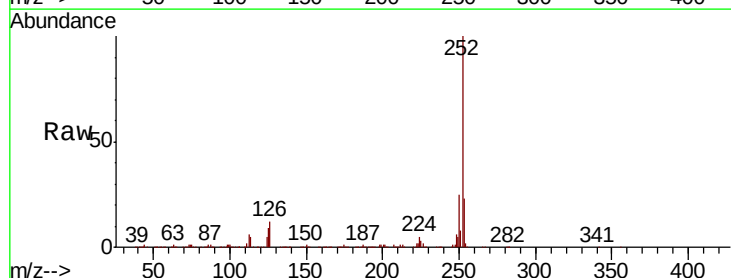
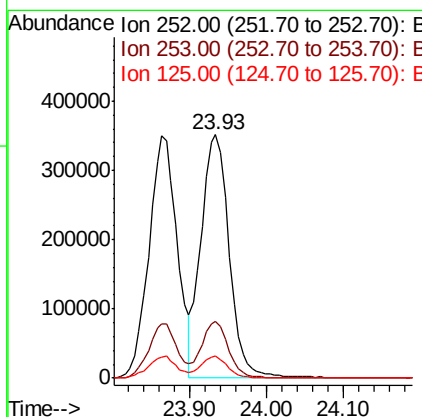
RT: 23.93 min Scan# 3514

Delta R.T. -0.02 min

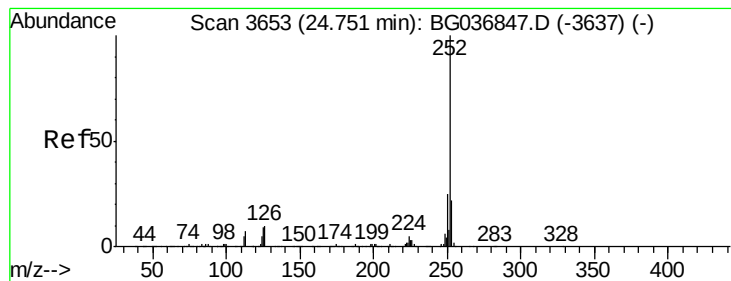
Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 880463 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.3  | 18.0  | 27.0   |
| 125       | 9.2   | 7.0   | 10.6   |







#89

Benzo(a)pyrene

Concen: 50.331 ng

RT: 24.73 min Scan# 3650

Delta R.T. -0.02 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

Instrument :

BNA\_G

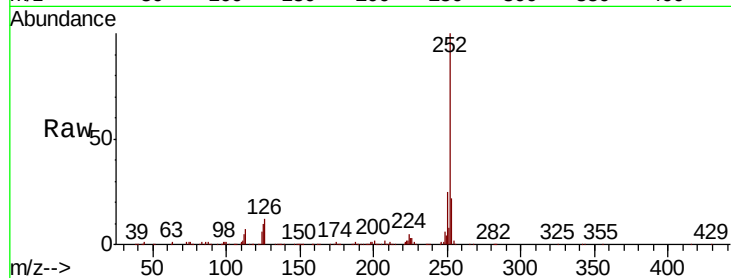
ClientSampleId :

PB113331BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 872764 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.3  | 18.2  | 27.2   |
| 125       | 9.7   | 7.3   | 10.9   |

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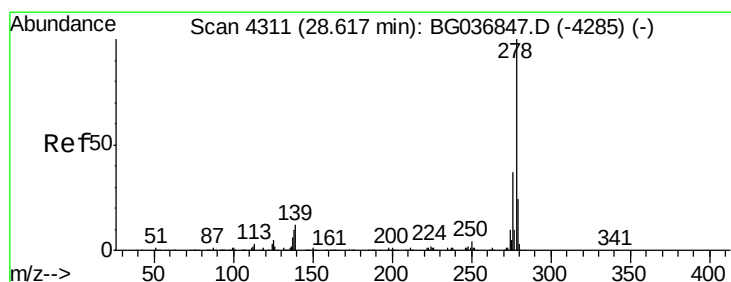
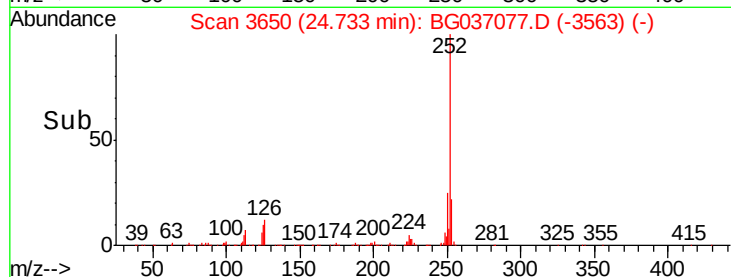
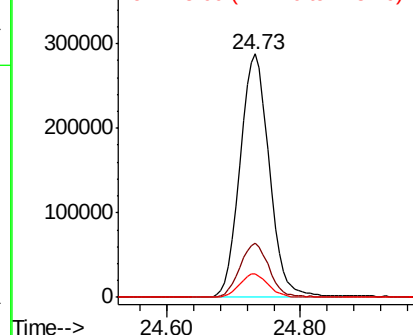


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 50.917 ng

RT: 28.59 min Scan# 4307

Delta R.T. -0.02 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

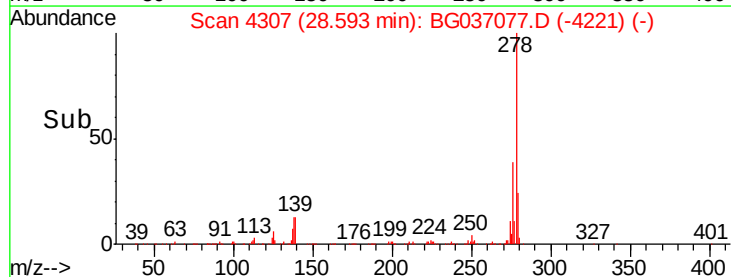
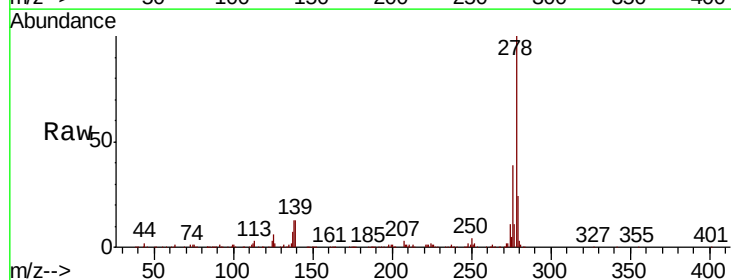
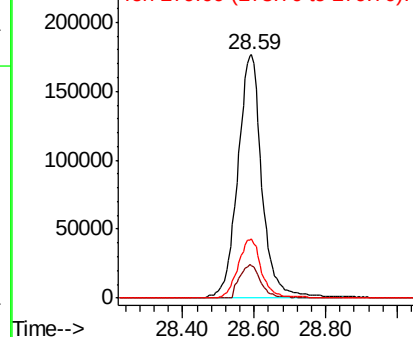
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 827491 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 13.1  | 11.0  | 16.4   |
| 279       | 24.2  | 18.7  | 28.1   |

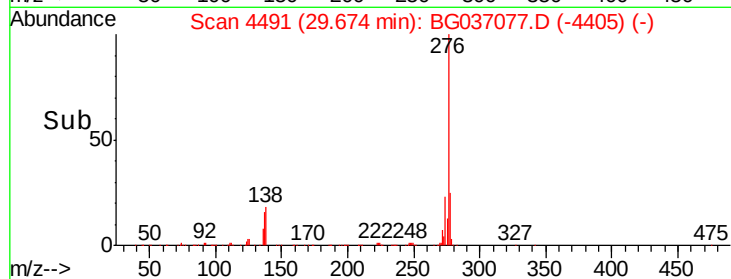
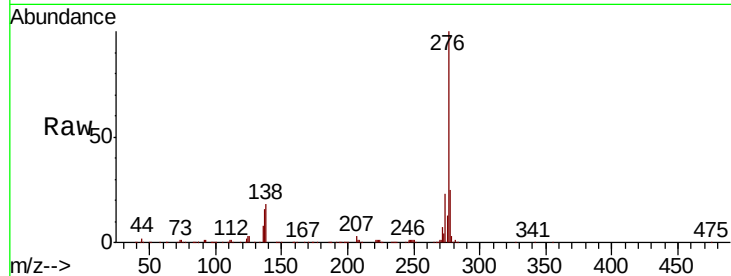
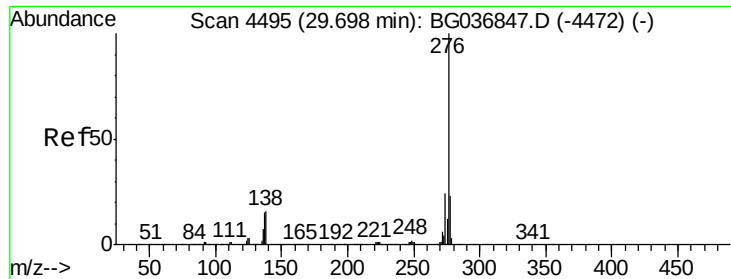
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 51.435 ng

RT: 29.67 min Scan# 4491

Delta R.T. -0.02 min

Lab File: BG037077.D

Acq: 1 Oct 2018 15:44

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 838924 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.6  | 18.4  | 27.6   |
| 138       | 18.0  | 14.6  | 22.0   |

Instrument :

BNA\_G

ClientSampleId :

PB113331BS

Manual Integrations  
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