

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\  
 Data File : BG037203.D  
 Acq On : 6 Oct 2018 00:15  
 Operator : JU/SJ  
 Sample : PB113566BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113566BS

Manual Integrations  
 APPROVED

Sohil  
 10/8/2018 1:56:19 PM

Quant Time: Oct 06 05:26:23 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 | 8.03  | 152  | 32442    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.84 | 136  | 141203   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 14.66 | 164  | 96177    | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 17.40 | 188  | 260486   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 21.67 | 240  | 266130   | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 24.86 | 264  | 266658   | 20.00 | ng    | -0.05    |

## System Monitoring Compounds

|                          |       |     |        |        |    |       |
|--------------------------|-------|-----|--------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 209727 | 123.98 | ng | -0.02 |
| 7) Phenol-d6             | 7.19  | 99  | 309498 | 118.25 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 9.19  | 82  | 193408 | 73.35  | ng | -0.02 |
| 41) 2,4,6-Tribromophenol | 16.15 | 330 | 137158 | 119.20 | ng | -0.02 |
| 44) 2-Fluorobiphenyl     | 13.28 | 172 | 447041 | 69.23  | ng | -0.02 |
| 78) Terphenyl-d14        | 20.01 | 244 | 845599 | 83.55  | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.51  | 88  | 26685  | 34.474 | ng | 92     |
| 3) Pyridine                    | 3.90  | 79  | 74311  | 33.248 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 40975  | 41.248 | ng | # 97   |
| 6) Aniline                     | 7.35  | 93  | 75352  | 22.188 | ng | 100    |
| 8) 2-Chlorophenol              | 7.59  | 128 | 82639  | 42.073 | ng | 94     |
| 9) Benzaldehyde                | 7.17  | 77  | 48984  | 28.324 | ng | 97     |
| 10) Phenol                     | 7.22  | 94  | 114301 | 42.316 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93  | 82353  | 32.960 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 7.92  | 146 | 80694  | 33.510 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 79823  | 32.391 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.38  | 146 | 81283  | 34.037 | ng | 97     |
| 15) Benzyl Alcohol             | 8.27  | 79  | 75767  | 35.677 | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.55  | 45  | 166256 | 34.659 | ng | 97     |
| 17) 2-Methylphenol             | 8.47  | 107 | 74359  | 39.521 | ng | 97     |
| 18) Hexachloroethane           | 9.11  | 117 | 32550  | 35.893 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70  | 70947  | 32.585 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 106638 | 40.740 | ng | 98     |
| 22) Acetophenone               | 8.85  | 105 | 127761 | 38.503 | ng | # 98   |
| 24) Nitrobenzene               | 9.23  | 77  | 106064 | 37.667 | ng | 98     |
| 25) Isophorone                 | 9.75  | 82  | 205904 | 42.736 | ng | 99     |
| 26) 2-Nitrophenol              | 9.95  | 139 | 45278  | 40.341 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 81111  | 46.393 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93  | 109129 | 36.707 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 88697  | 43.764 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.70 | 180 | 85928  | 33.879 | ng | 99     |
| 31) Naphthalene                | 10.88 | 128 | 261937 | 38.987 | ng | 99     |
| 32) Benzoic acid               | 10.13 | 122 | 27352m | 23.763 | ng |        |
| 33) 4-Chloroaniline            | 11.00 | 127 | 59690  | 19.540 | ng | 92     |
| 34) Hexachlorobutadiene        | 11.17 | 225 | 56883  | 32.431 | ng | 95     |
| 35) Caprolactam                | 11.77 | 113 | 37180  | 44.571 | ng | 88     |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 105475 | 43.616 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 205635 | 40.187 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 115054 | 34.299 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 12.83 | 237 | 118933 | 68.938 | ng | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\  
 Data File : BG037203.D  
 Acq On : 6 Oct 2018 00:15  
 Operator : JU/SJ  
 Sample : PB113566BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113566BS

Manual Integrations  
 APPROVED

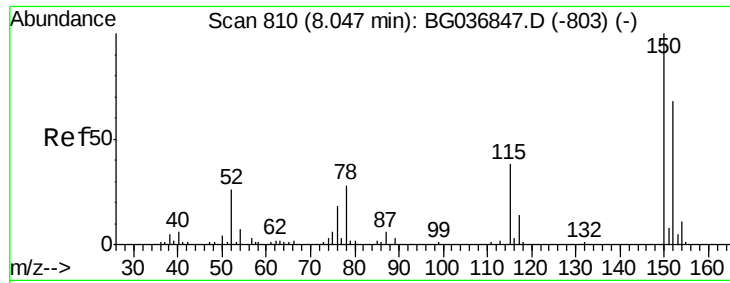
Sohil  
 10/8/2018 1:56:19 PM

Quant Time: Oct 06 05:26:23 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      | 13.09 | 196  | 80397    | 43.160 | nq    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.17 | 196  | 88074    | 44.341 | nq    | 94       |
| 45) 1,1'-Biphenyl              | 13.49 | 154  | 275579   | 37.413 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 13.53 | 162  | 211738   | 36.553 | nq    | 98       |
| 47) 2-Nitroaniline             | 13.74 | 65   | 85328    | 42.588 | nq    | 93       |
| 48) Acenaphthylene             | 14.38 | 152  | 372314   | 41.017 | nq    | 99       |
| 49) Dimethylphthalate          | 14.11 | 163  | 308161   | 39.806 | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.23 | 165  | 66755    | 39.521 | nq    | 96       |
| 51) Acenaphthene               | 14.72 | 154  | 211648   | 38.580 | nq    | 99       |
| 52) 3-Nitroaniline             | 14.56 | 138  | 48489    | 27.243 | nq    | # 99     |
| 53) 2,4-Dinitrophenol          | 14.79 | 184  | 14994    | 24.780 | nq    | # 79     |
| 54) Dibenzofuran               | 15.06 | 168  | 354952   | 38.252 | nq    | 100      |
| 55) 4-Nitrophenol              | 14.87 | 139  | 96537    | 84.901 | nq    | 91       |
| 56) 2,4-Dinitrotoluene         | 15.02 | 165  | 97977    | 41.570 | nq    | 96       |
| 57) Fluorene                   | 15.70 | 166  | 293159   | 42.269 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 93583    | 46.444 | nq    | 98       |
| 59) Diethylphthalate           | 15.47 | 149  | 317086   | 40.609 | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.70 | 204  | 158333   | 36.048 | nq    | 98       |
| 61) 4-Nitroaniline             | 15.73 | 138  | 74278    | 39.674 | nq    | 97       |
| 62) Azobenzene                 | 15.98 | 77   | 316471   | 42.182 | nq    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 31046    | 22.797 | nq    | 93       |
| 65) n-Nitrosodiphenylamine     | 15.91 | 169  | 271896   | 37.809 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.59 | 248  | 103489   | 34.928 | nq    | 98       |
| 67) Hexachlorobenzene          | 16.71 | 284  | 105582   | 34.599 | nq    | 99       |
| 68) Atrazine                   | 16.85 | 200  | 115855   | 39.788 | nq    | 98       |
| 69) Pentachlorophenol          | 17.05 | 266  | 106245   | 55.299 | nq    | 100      |
| 70) Phenanthrene               | 17.45 | 178  | 513779   | 40.930 | nq    | 98       |
| 71) Anthracene                 | 17.53 | 178  | 527622   | 42.508 | nq    | 100      |
| 72) Carbazole                  | 17.81 | 167  | 468571   | 38.719 | nq    | 97       |
| 73) Di-n-butylphthalate        | 18.36 | 149  | 561115   | 41.751 | nq    | 98       |
| 74) Fluoranthene               | 19.45 | 202  | 630305   | 41.715 | nq    | 99       |
| 76) Benzidine                  | 19.63 | 184  | 247838   | 30.806 | nq    | 97       |
| 77) Pyrene                     | 19.81 | 202  | 627996   | 39.323 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.70 | 149  | 258017   | 40.533 | nq    | 98       |
| 80) Benzo(a)anthracene         | 21.65 | 228  | 619722   | 39.891 | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 141714   | 23.965 | nq    | 98       |
| 82) Chrysene                   | 21.71 | 228  | 581253   | 38.724 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 358745   | 40.342 | nq    | 98       |
| 84) Di-n-octyl phthalate       | 22.75 | 149  | 607937   | 41.522 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.50 | 276  | 667371   | 41.404 | nq    | # 93     |
| 87) Benzo(b)fluoranthene       | 23.85 | 252  | 587804   | 41.363 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 23.91 | 252  | 583978   | 40.960 | nq    | 99       |
| 89) Benzo(a)pyrene             | 24.71 | 252  | 585348   | 42.606 | nq    | 100      |
| 90) Dibenzo(a,h)anthracene     | 28.55 | 278  | 541388   | 42.046 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 29.63 | 276  | 542936   | 42.015 | nq    | 98       |

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





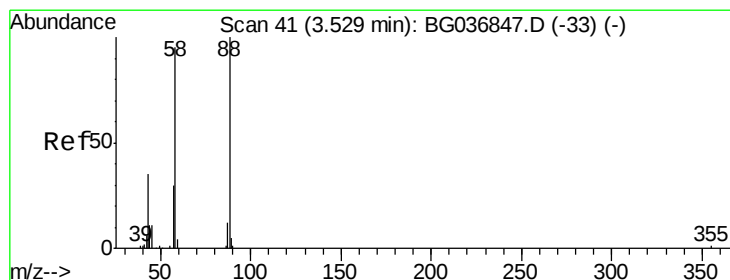
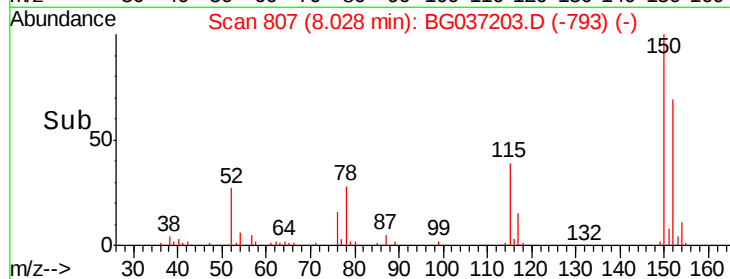
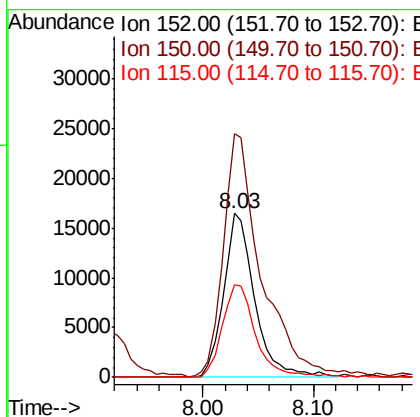
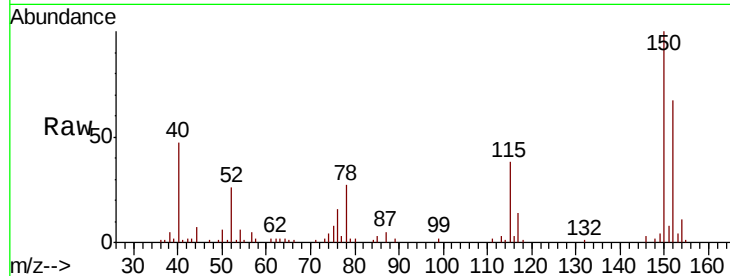
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.03 min Scan# 807  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 148.6 | 119.5 | 179.3 |
| 115     | 56.4  | 44.5  | 66.7  |

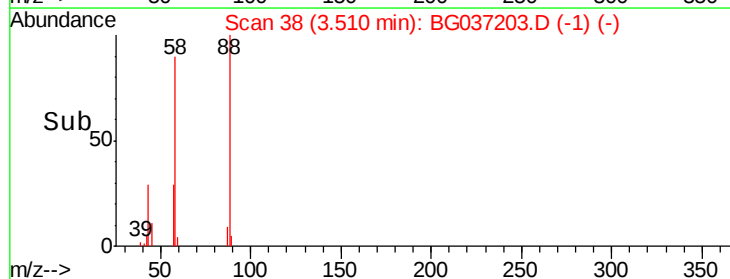
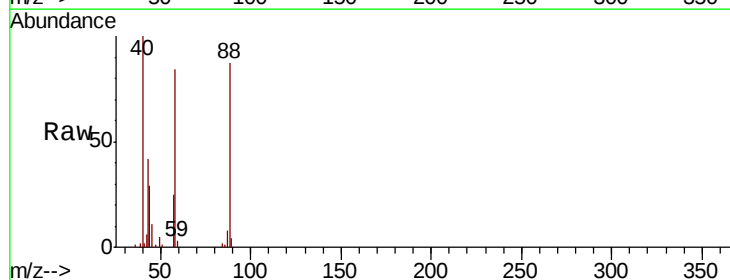
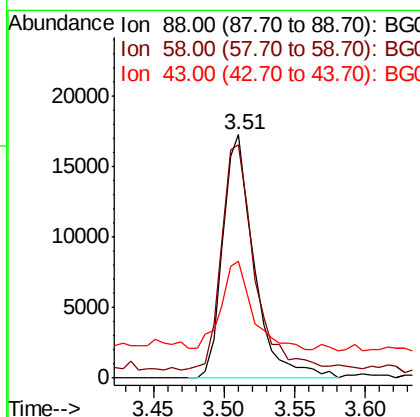
Manual Integrations  
 APPROVED

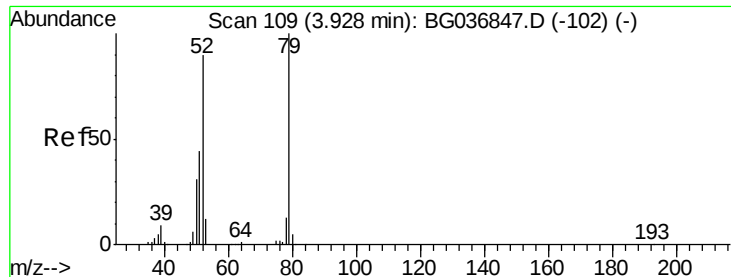
Sohil  
 10/8/2018 1:56:19 PM



#2  
 1,4-Dioxane  
 Concen: 34.474 ng  
 RT: 3.51 min Scan# 38  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 100.3 | 72.6  | 109.0 |
| 43      | 35.2  | 29.0  | 43.4  |





#3

Pvridine

Concen: 33.248 ng

RT: 3.90 min Scan# 105

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

Instrument :

BNA\_G

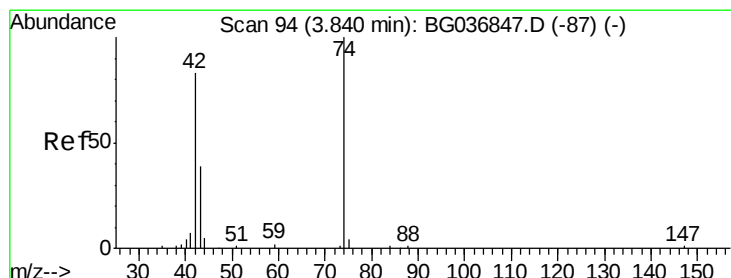
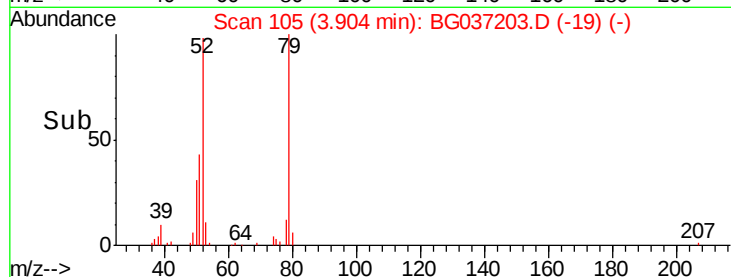
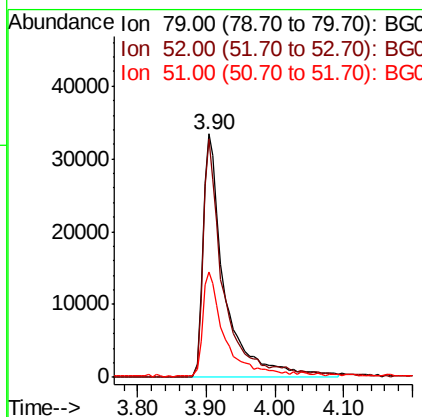
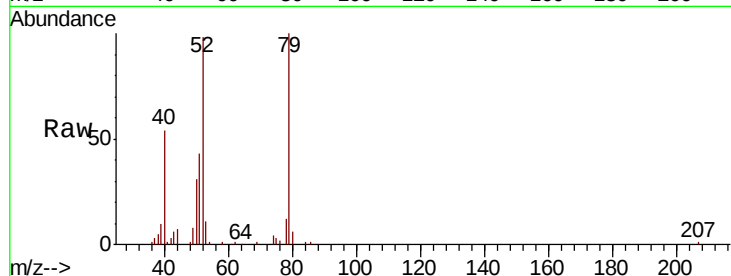
ClientSampleId :

PB113566BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 79    | Resp: | 74311 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 97.8  | 72.3  | 108.5 |
| 51       | 43.4  | 33.8  | 50.6  |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM



#4

n-Nitrosodimethylamine

Concen: 41.248 ng

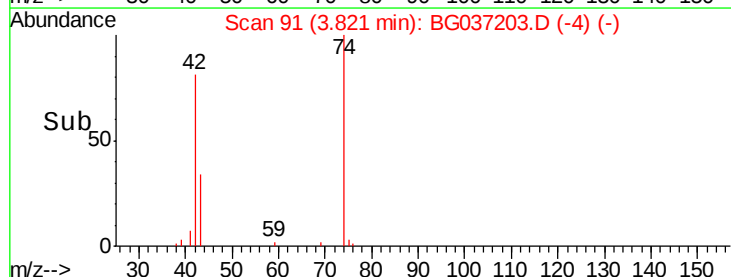
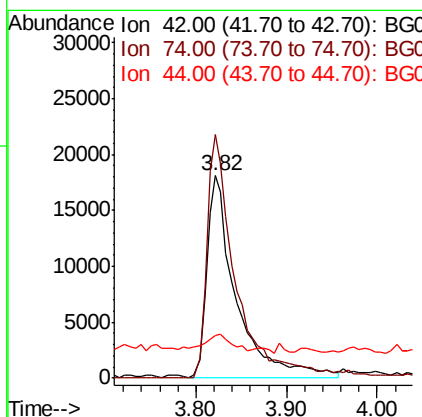
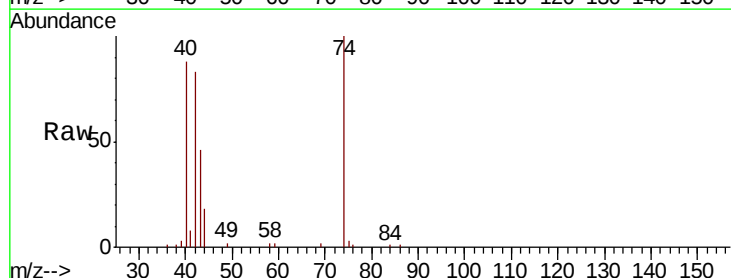
RT: 3.82 min Scan# 91

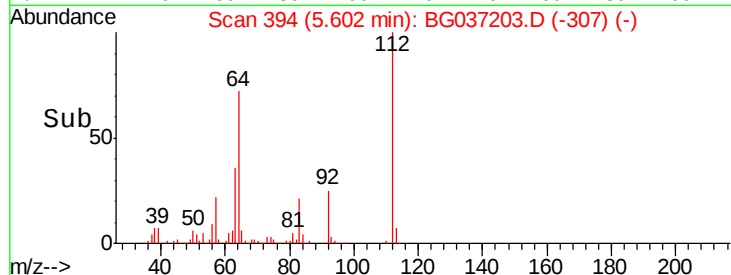
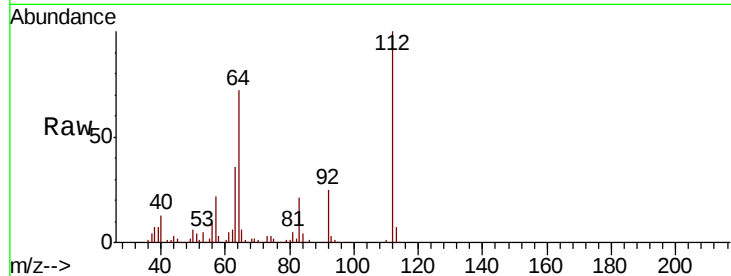
Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 40975 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 120.3 | 96.6  | 145.0 |
| 44       | 21.2  | 7.0   | 10.4# |





#5

2-Fluorophenol

Concen: 123.978 ng

RT: 5.60 min Scan# 394

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 209727 |       |       |
| 64      | 71.6  | 57.2   | 85.8  |       |
| 63      | 36.2  | 30.8   | 46.2  |       |

Instrument :

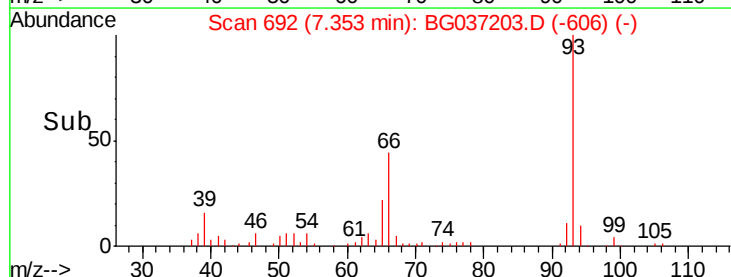
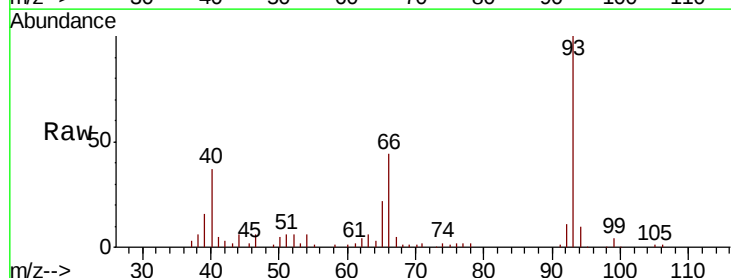
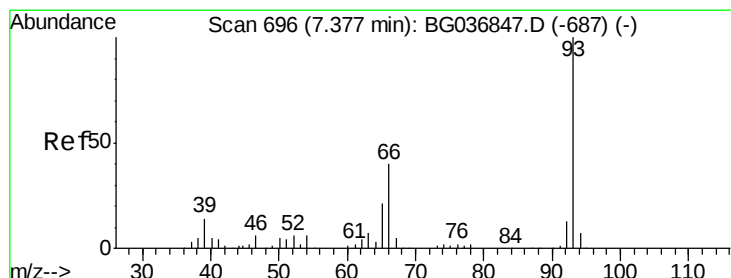
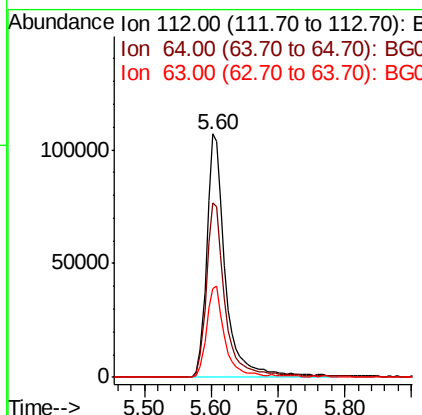
BNA\_G

ClientSampled :

PB113566BS

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM



#6

Aniline

Concen: 22.188 ng

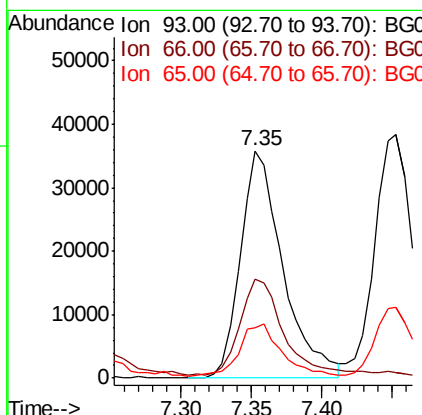
RT: 7.35 min Scan# 692

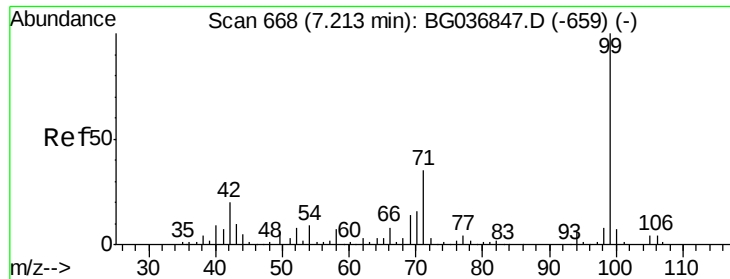
Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 93      | 100   | 75352 |       |       |
| 66      | 43.8  | 35.0  | 52.4  |       |
| 65      | 22.4  | 17.6  | 26.4  |       |





#7

Phenol-d6

Concen: 118.253 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

Instrument :

BNA\_G

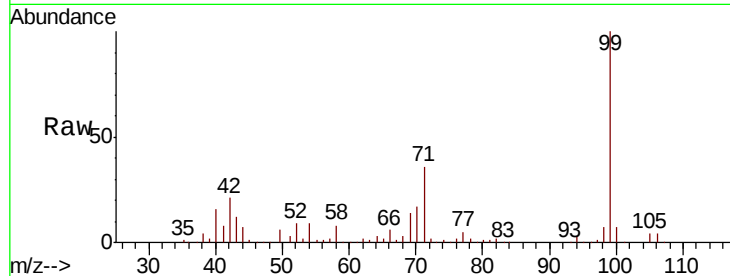
ClientSampleId :

PB113566BS

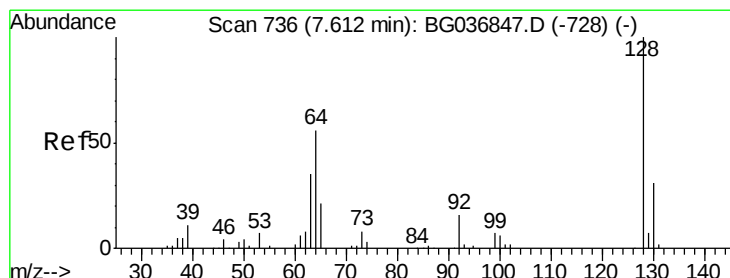
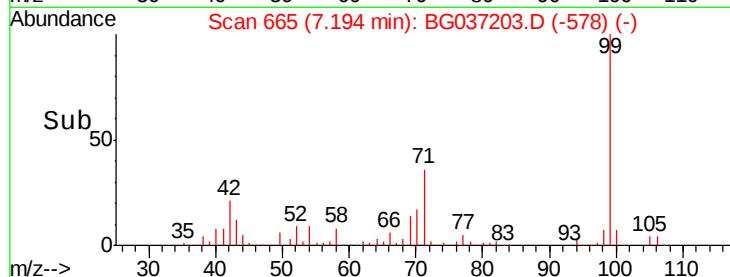
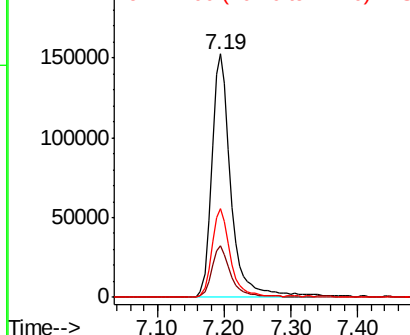
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 309498 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 21.3  | 16.5  | 24.7   |
| 71        | 36.4  | 29.4  | 44.2   |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.073 ng

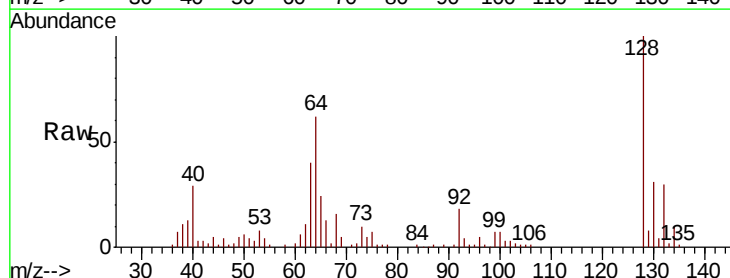
RT: 7.59 min Scan# 733

Delta R.T. -0.02 min

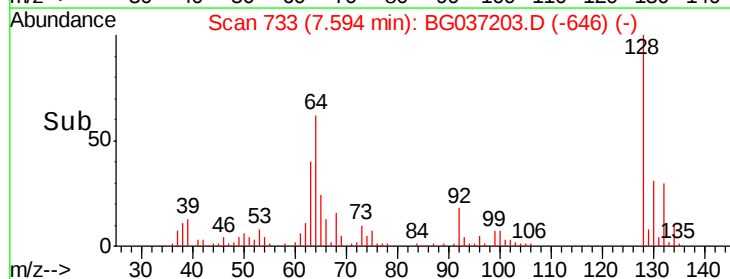
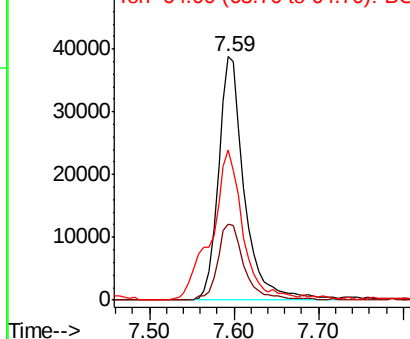
Lab File: BG037203.D

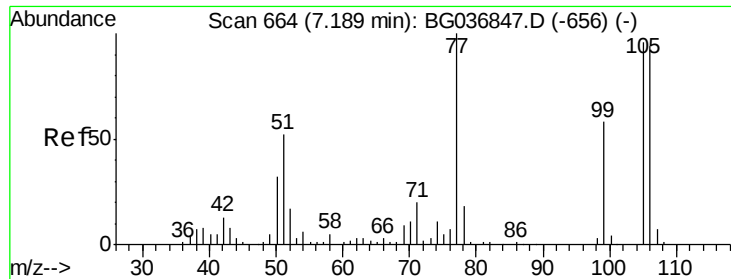
Acq: 6 Oct 2018 00:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 82639 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 31.3  | 10.0  | 50.0  |
| 64        | 61.8  | 36.0  | 76.0  |



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BGC





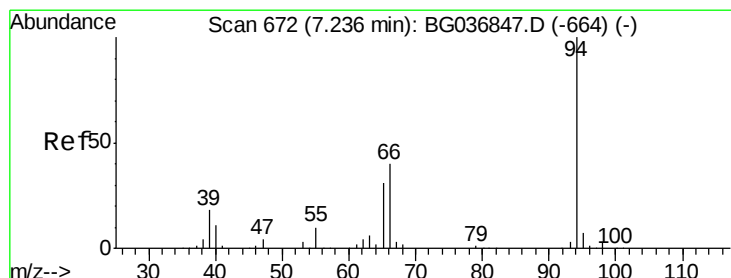
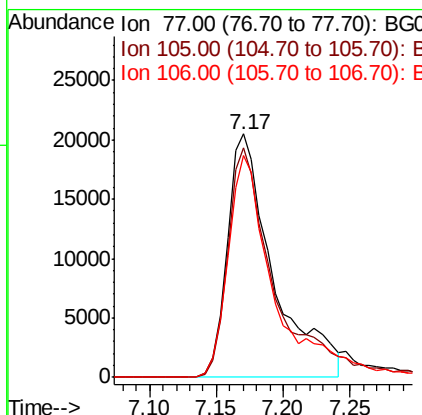
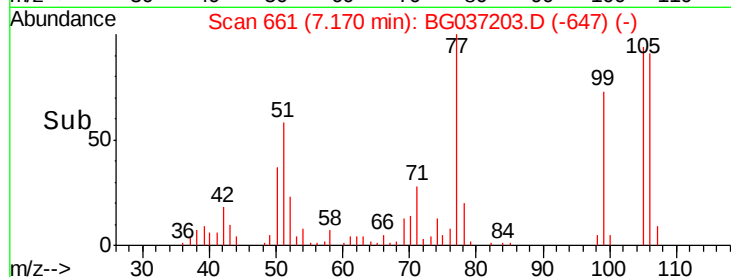
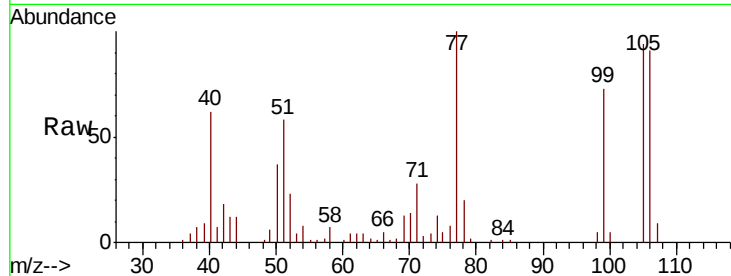
#9  
Benzaldehyde  
Concen: 28.324 ng  
RT: 7.17 min Scan# 661  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

Instrument :  
BNA\_G  
ClientSampleID :  
PB113566BS

Tot Ion: 77 Resp: 48984  
Ion Ratio Lower Upper  
77 100  
105 94.3 70.5 110.5  
106 90.9 69.8 109.8

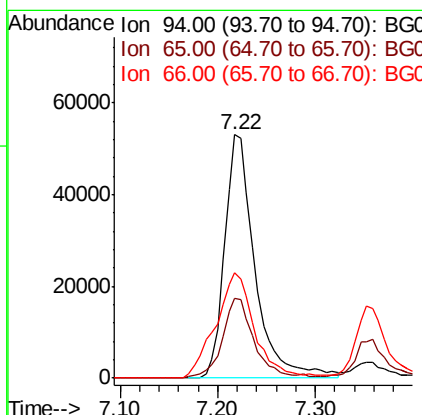
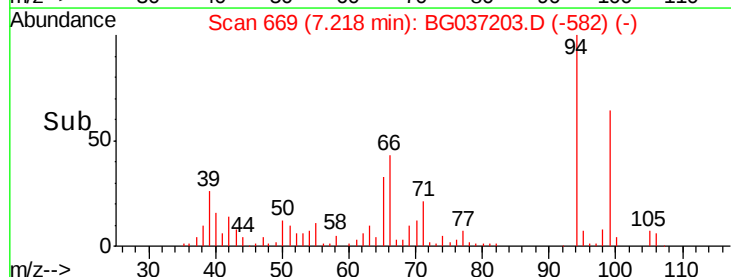
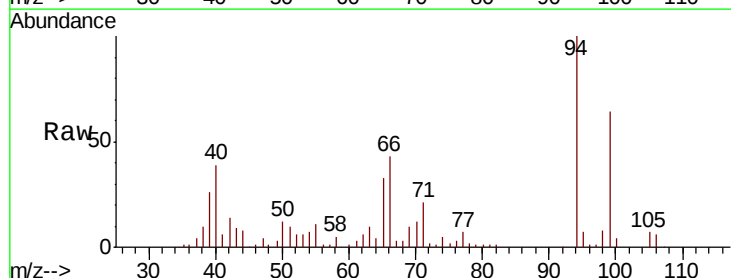
Manual Integrations  
APPROVED

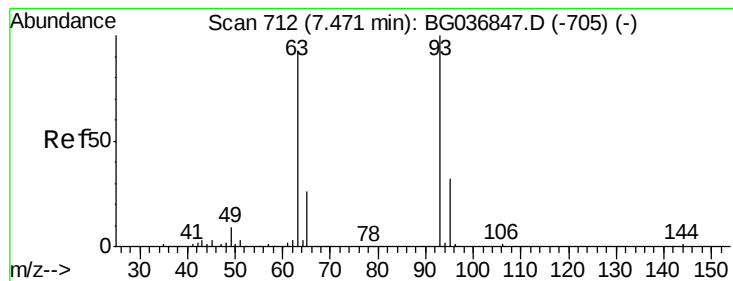
Sohil  
10/8/2018 1:56:19 PM



#10  
Phenol  
Concen: 42.316 ng  
RT: 7.22 min Scan# 669  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

Tgt Ion: 94 Resp: 114301  
Ion Ratio Lower Upper  
94 100  
65 33.0 11.5 51.5  
66 43.4 19.5 59.5





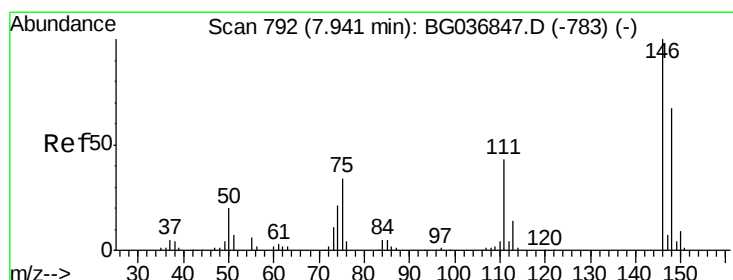
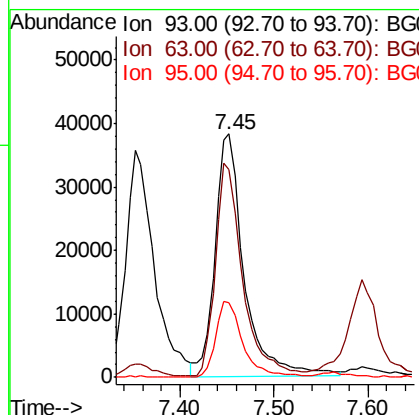
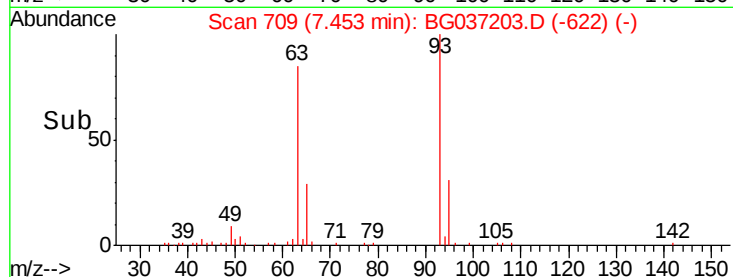
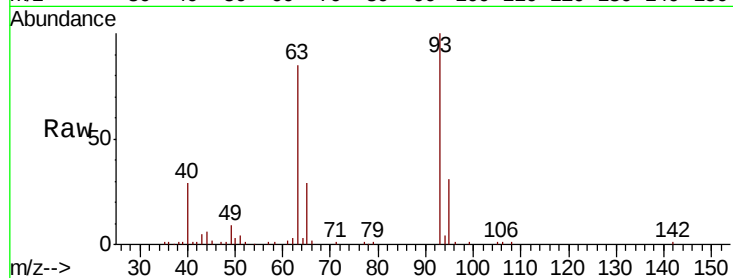
#11  
bis(2-Chloroethyl)ether  
Concen: 32.960 ng  
RT: 7.45 min Scan# 709  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 85.4  | 69.9  | 109.9 |
| 95      | 30.9  | 11.7  | 51.7  |

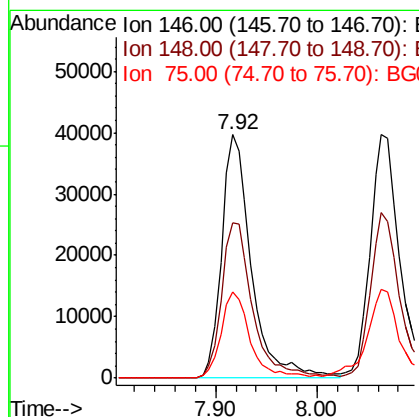
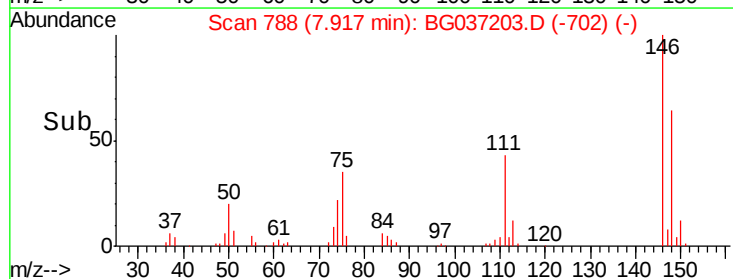
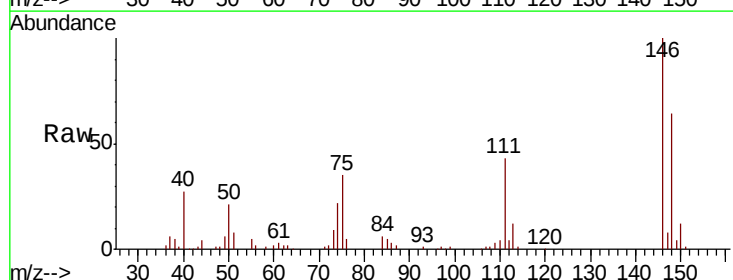
Manual Integrations  
APPROVED

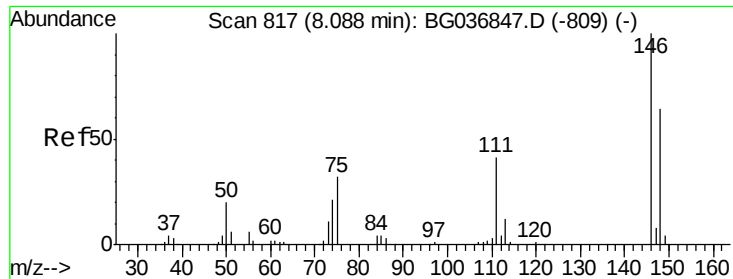
Sohil  
10/8/2018 1:56:19 PM



#12  
1,3-Dichlorobenzene  
Concen: 33.510 ng  
RT: 7.92 min Scan# 788  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 53.8  | 80.6  |
| 75      | 35.4  | 27.2  | 40.8  |





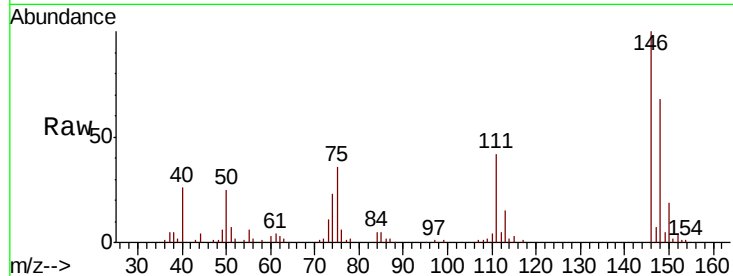
#13  
 1,4-Dichlorobenzene  
 Concen: 32.391 ng  
 RT: 8.06 min Scan# 813  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.1  | 53.9  | 80.9  |
| 111     | 42.4  | 33.8  | 50.6  |

Manual Integrations  
 APPROVED

Sohil  
 10/8/2018 1:56:19 PM

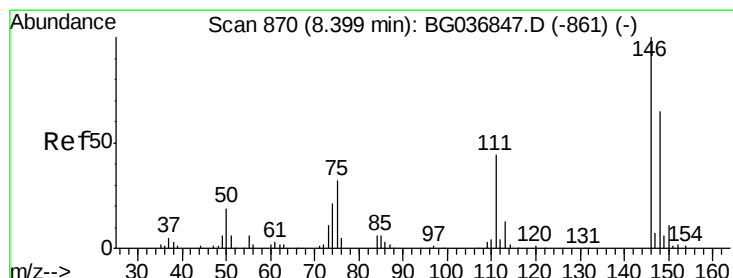
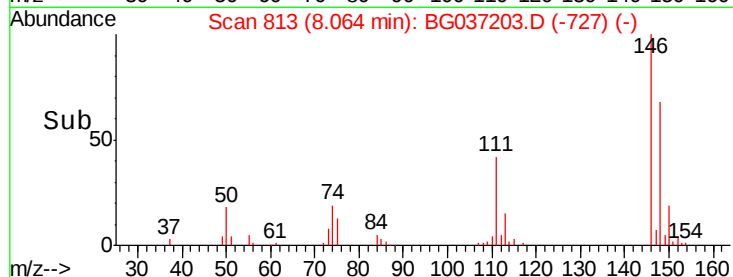
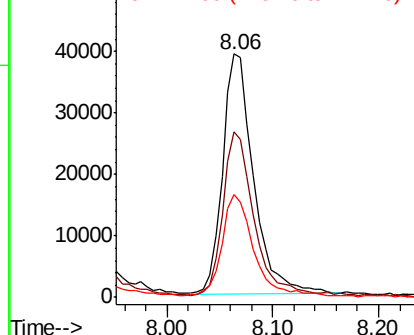


Abundance

Ion 146.00 (145.70 to 146.70): E

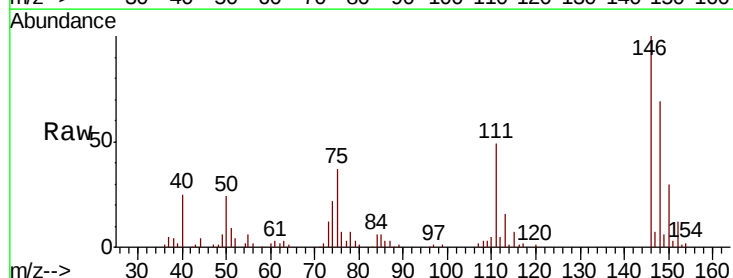
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 34.037 ng  
 RT: 8.38 min Scan# 867  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.9  | 55.0  | 82.6  |
| 111     | 48.8  | 34.6  | 51.8  |

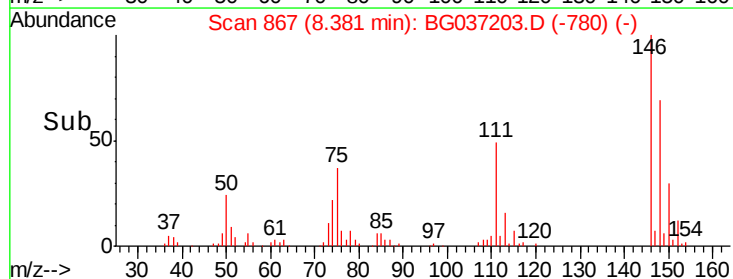
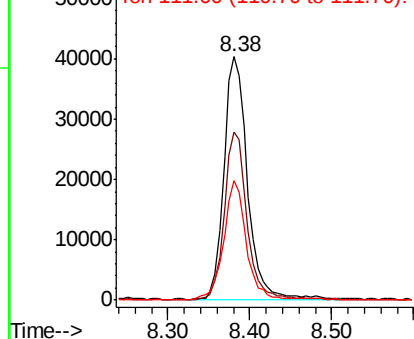


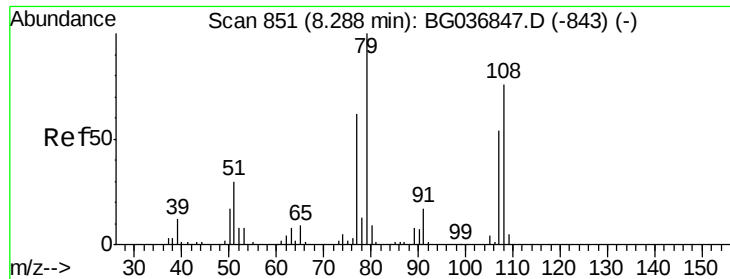
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.677 ng

RT: 8.27 min Scan# 848

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

Instrument :

BNA\_G

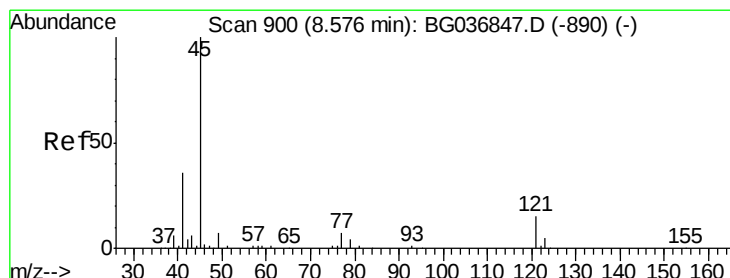
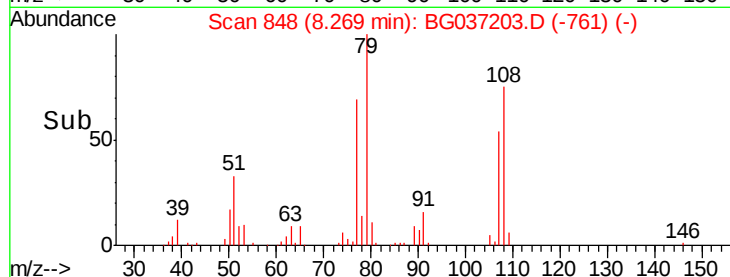
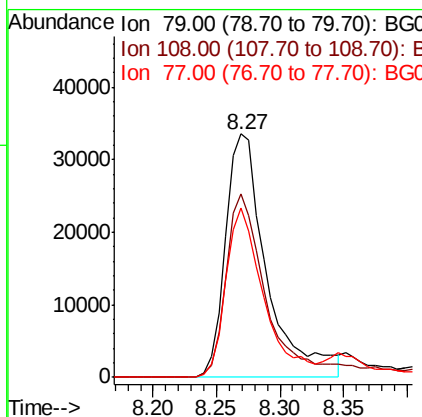
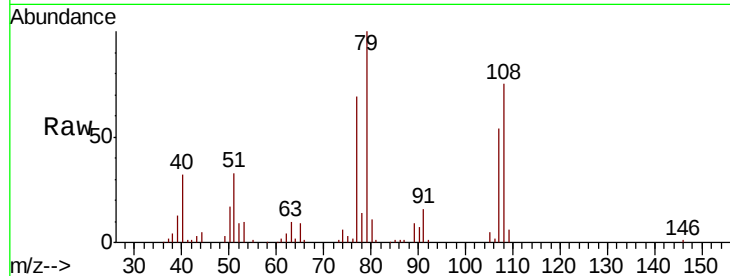
ClientSampled :

PB113566BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 75767 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 75.1  | 55.9  | 83.9  |
| 77        | 69.3  | 50.0  | 75.0  |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.659 ng

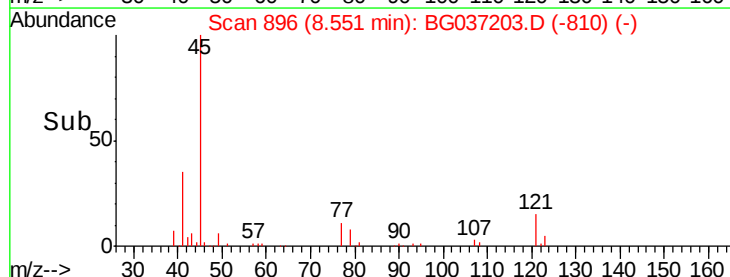
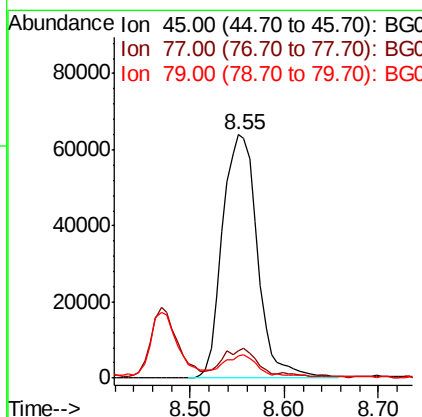
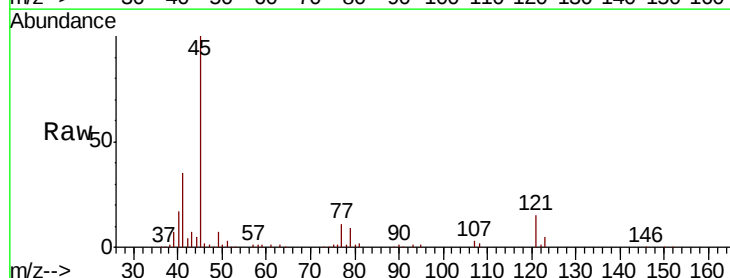
RT: 8.55 min Scan# 896

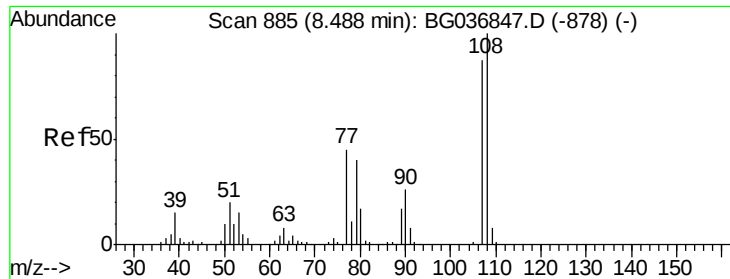
Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 166256 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 11.4  | 0.0   | 30.5   |
| 79        | 8.9   | 0.0   | 27.9   |





#17

2-Methylphenol

Concen: 39.521 ng

RT: 8.47 min Scan# 882

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

Instrument :

BNA\_G

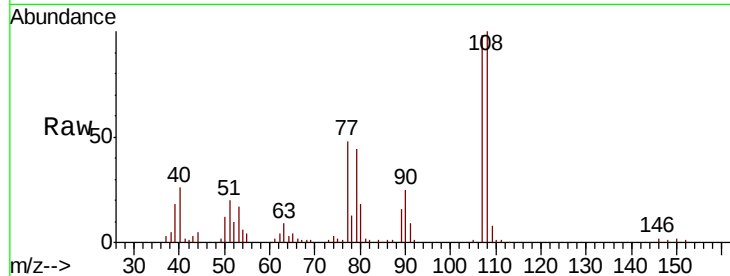
ClientSampleId :

PB113566BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 74359 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 102.4 | 86.7  | 130.1 |
| 77        | 48.8  | 39.0  | 58.4  |
| 79        | 45.4  | 36.6  | 54.8  |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM



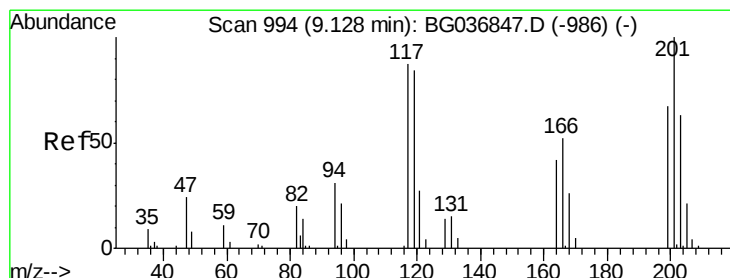
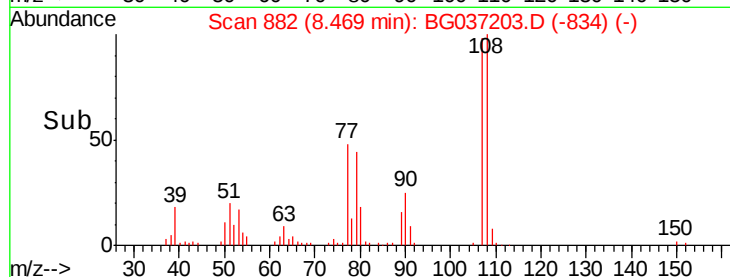
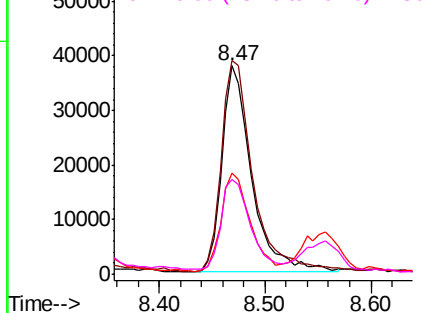
Abundance

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: 35.893 ng

RT: 9.11 min Scan# 991

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

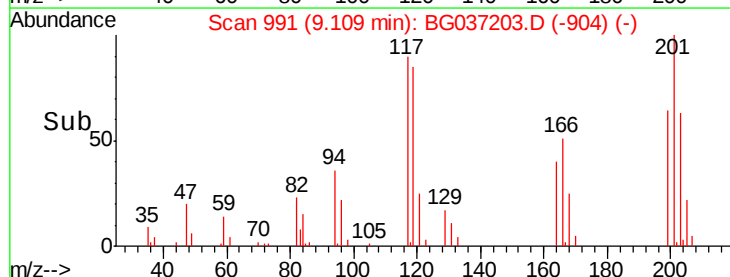
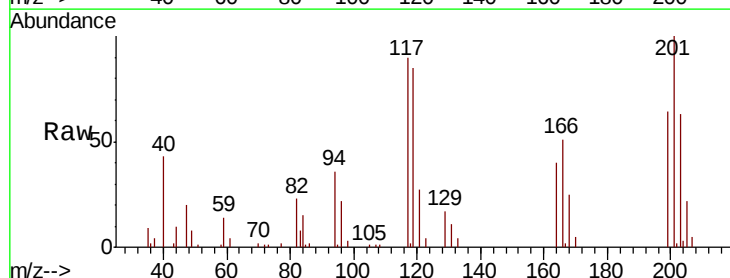
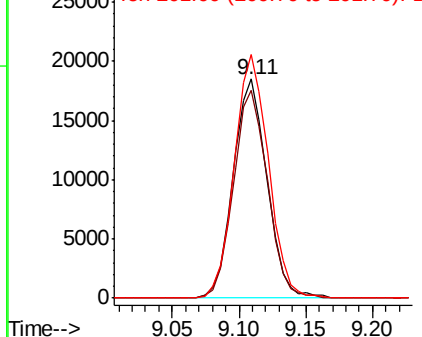
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 32550 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 94.7  | 76.8  | 115.2 |
| 201       | 111.1 | 85.7  | 128.5 |

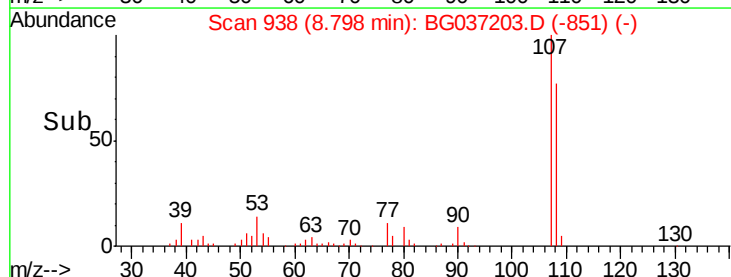
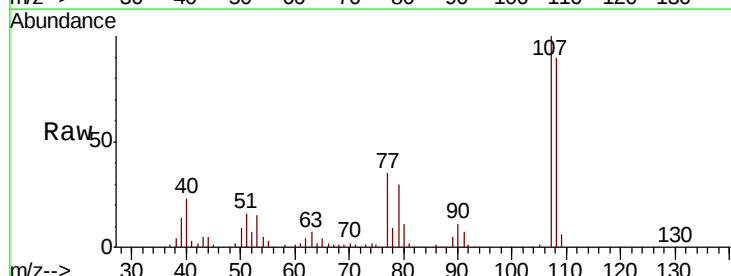
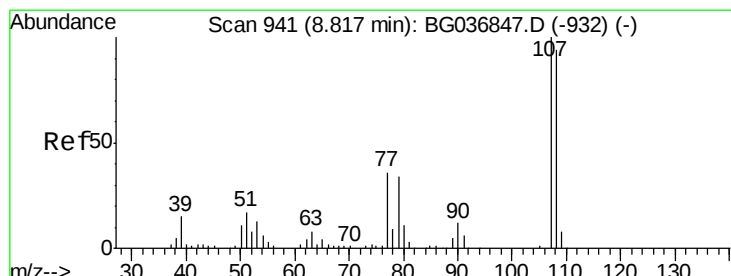
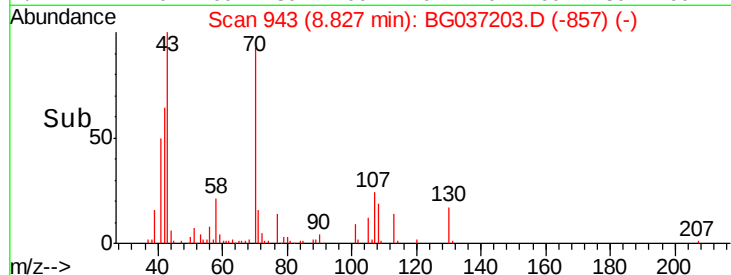
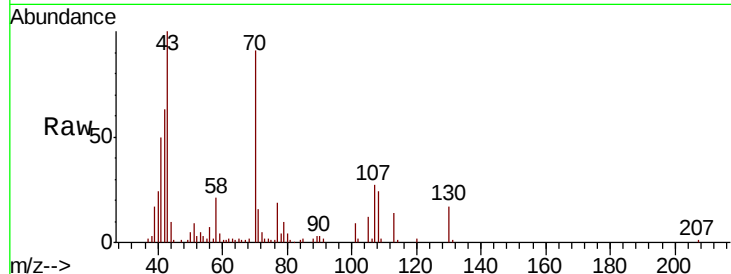
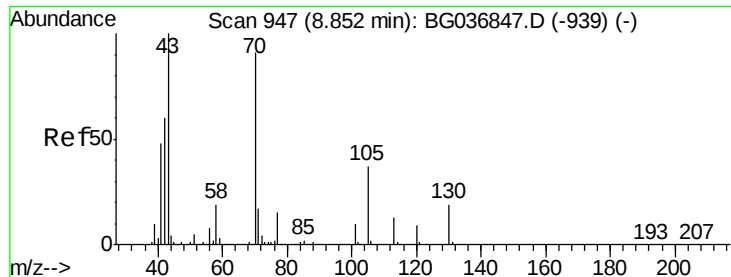
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

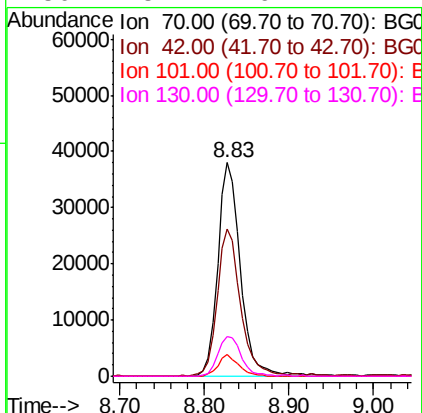
Ion 201.00 (200.70 to 201.70): E





#19  
n-Nitroso-di-n-propylamine  
Concen: 32.585 ng  
RT: 8.83 min Scan# 943  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 69.0 | 56.2  | 84.4  |       |
| 101     | 10.2 | 7.8   | 11.6  |       |
| 130     | 18.4 | 16.2  | 24.2  |       |



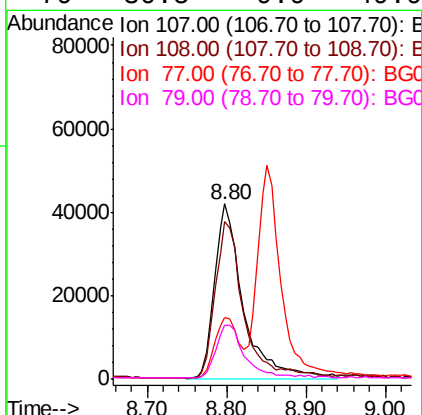
Instrument :  
BNA\_G  
ClientSampleId :  
PB113566BS

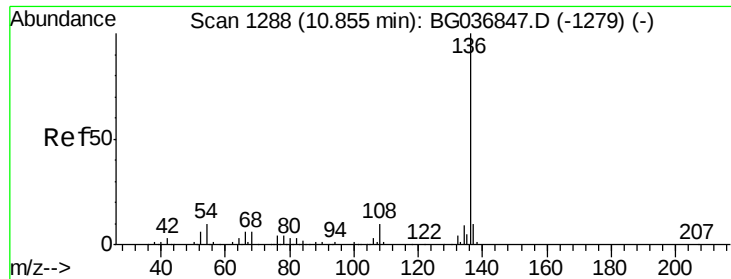
Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM

#20  
3+4-Methylphenols  
Concen: 40.740 ng  
RT: 8.80 min Scan# 938  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 89.8 | 68.0  | 108.0 |       |
| 77      | 35.2 | 15.6  | 55.6  |       |
| 79      | 30.5 | 9.9   | 49.9  |       |





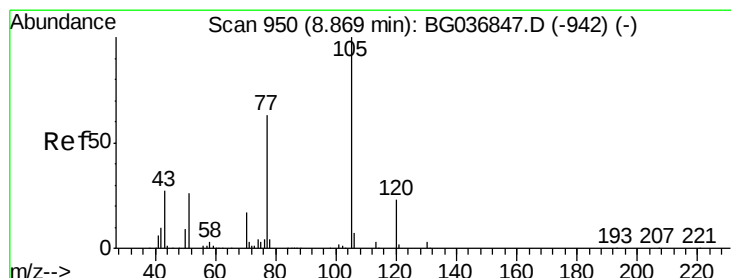
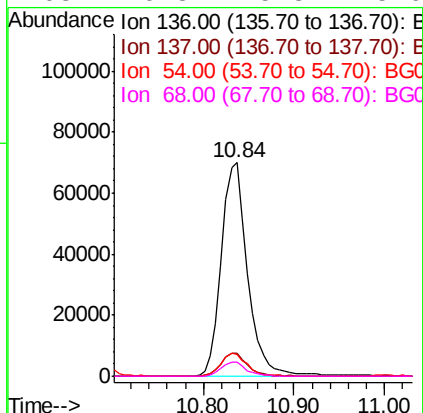
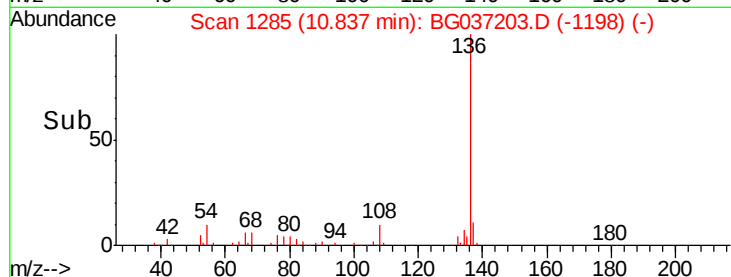
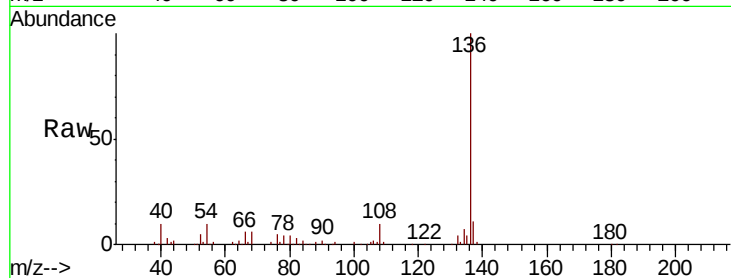
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.84 min Scan# 1285  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB113566BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.5  | 8.8  | 13.2  |       |
| 54      | 10.1  | 9.2  | 13.8  |       |
| 68      | 6.3   | 5.8  | 8.6   |       |

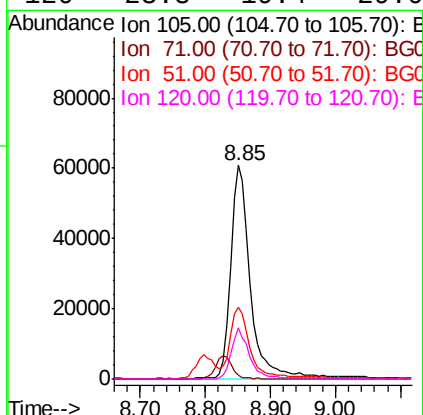
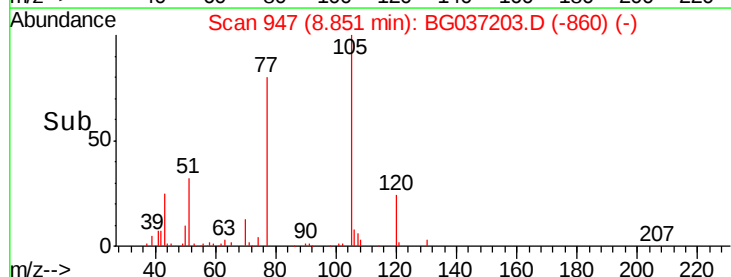
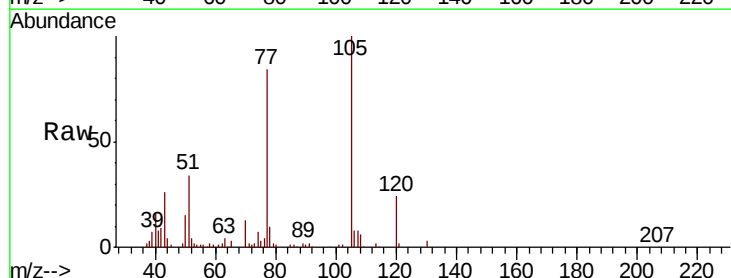
Manual Integrations  
APPROVED

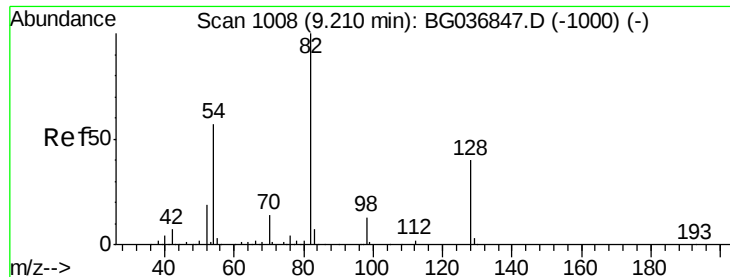
Sohil  
10/8/2018 1:56:19 PM



#22  
Acetophenone  
Concen: 38.503 ng  
RT: 8.85 min Scan# 947  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 1.7   | 2.4  | 3.6#  |       |
| 51      | 33.6  | 25.9 | 38.9  |       |
| 120     | 23.8  | 19.4 | 29.0  |       |





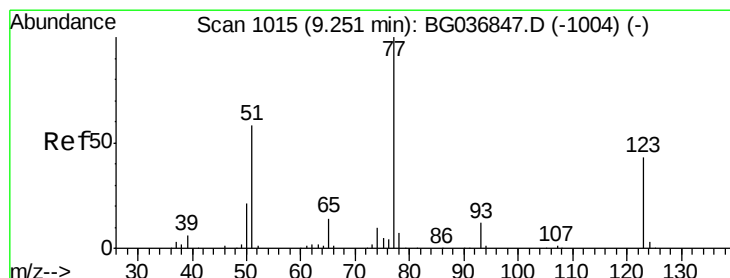
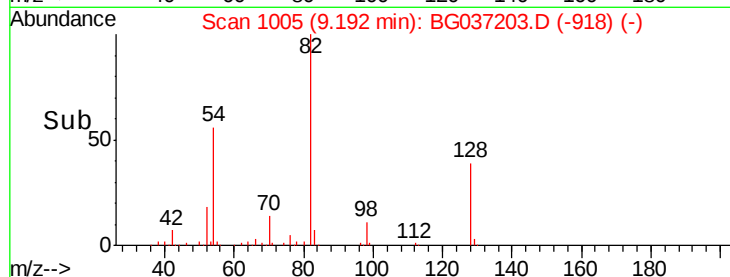
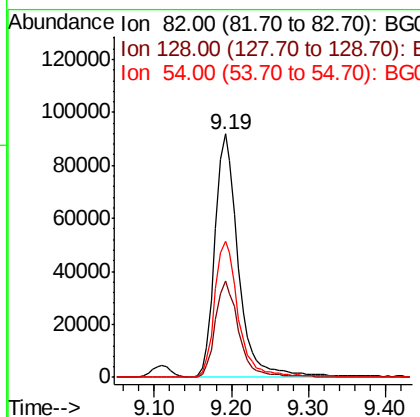
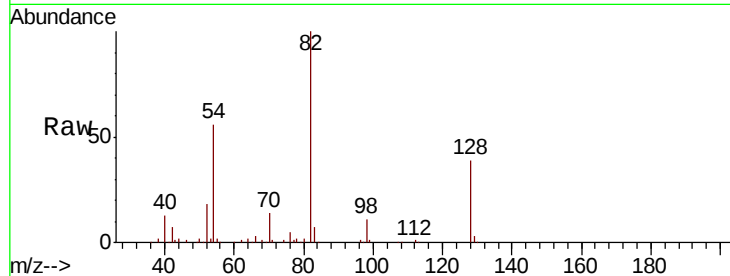
#23  
 Nitrobenzene-d5  
 Concen: 73.350 ng  
 RT: 9.19 min Scan# 1005  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 39.5  | 33.3  | 49.9  |
| 54      | 55.8  | 45.1  | 67.7  |

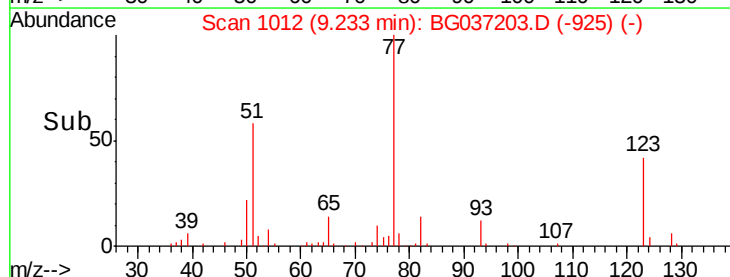
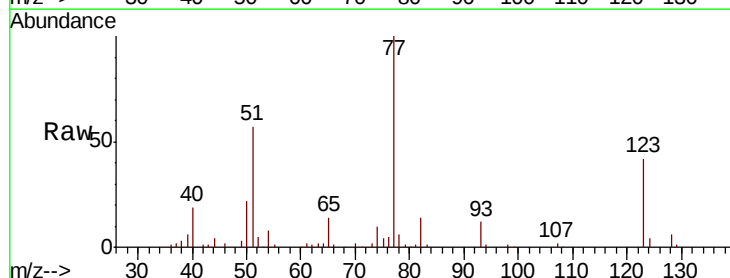
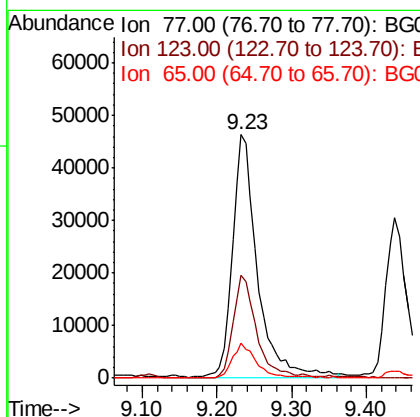
Manual Integrations  
 APPROVED

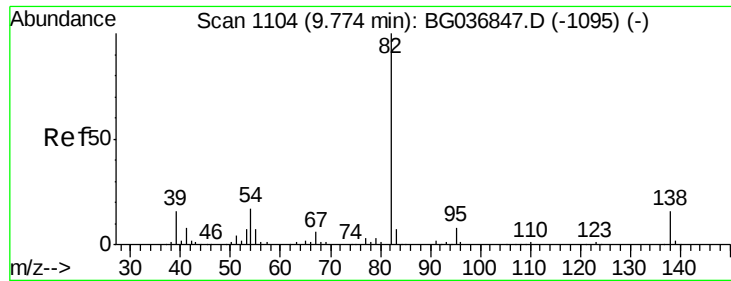
Sohil  
 10/8/2018 1:56:19 PM



#24  
 Nitrobenzene  
 Concen: 37.667 ng  
 RT: 9.23 min Scan# 1012  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 42.1  | 32.4  | 48.6  |
| 65      | 14.2  | 11.5  | 17.3  |





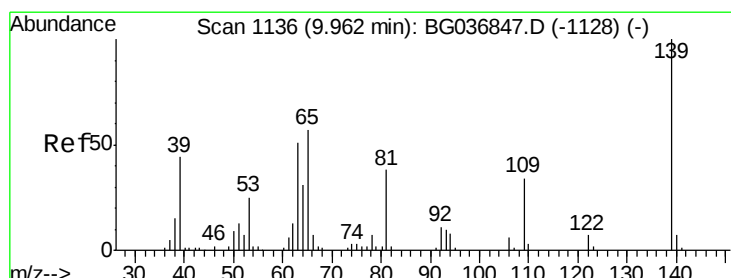
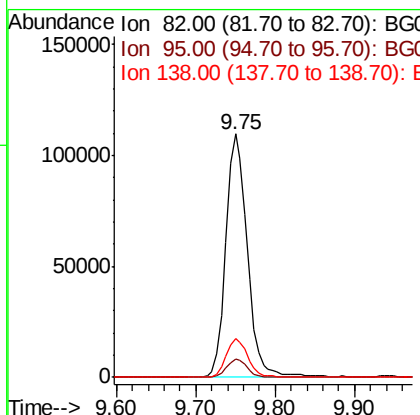
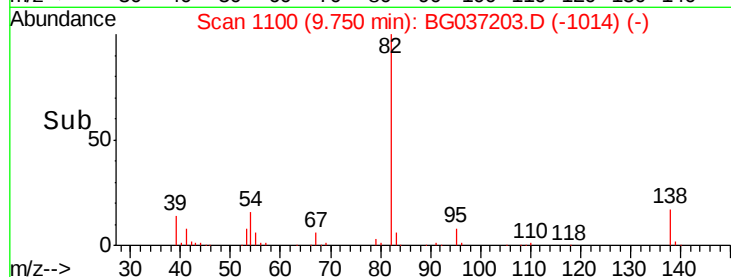
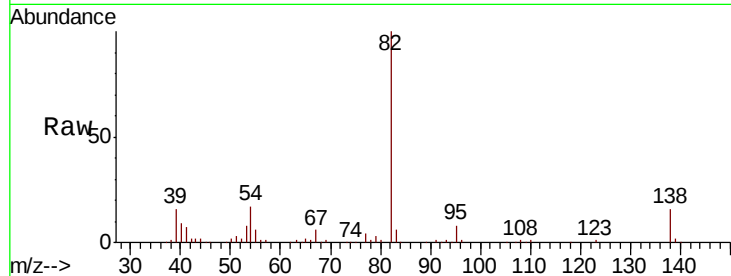
#25  
Isophorone  
Concen: 42.736 ng  
RT: 9.75 min Scan# 1100  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB113566BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 205904 |       |       |
| 95      | 7.6   |        | 5.8   | 8.8   |
| 138     | 15.9  |        | 12.9  | 19.3  |

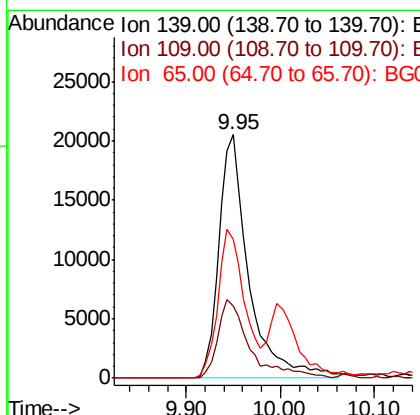
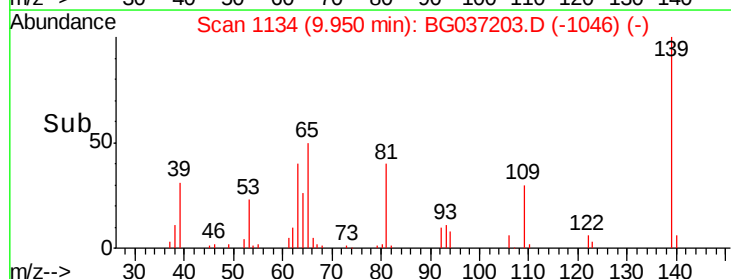
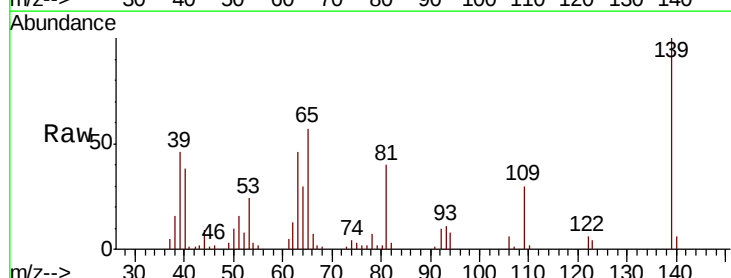
Manual Integrations  
APPROVED

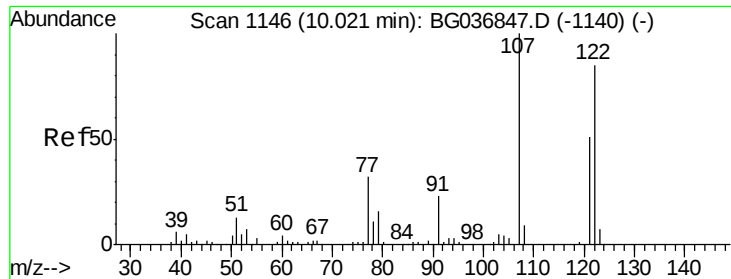
Sohil  
10/8/2018 1:56:19 PM



#26  
2-Nitrophenol  
Concen: 40.341 ng  
RT: 9.95 min Scan# 1134  
Delta R.T. -0.01 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 45278 |       |       |
| 109     | 29.5  |       | 27.4  | 41.0  |
| 65      | 56.8  |       | 47.8  | 71.6  |





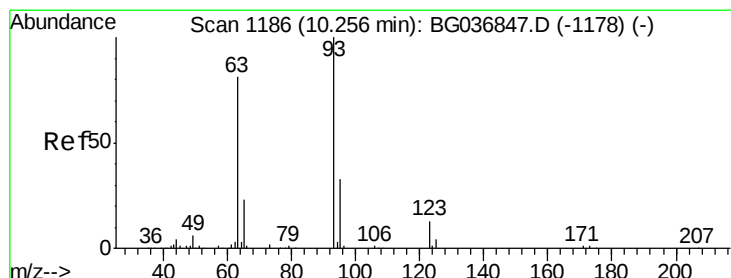
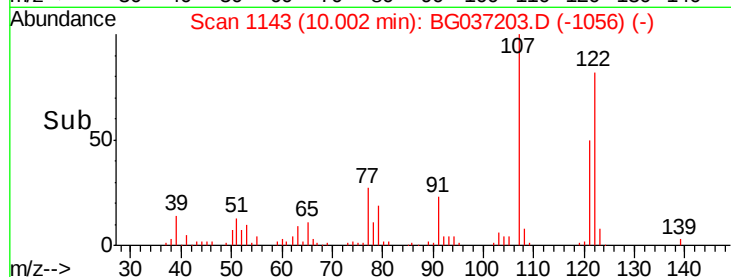
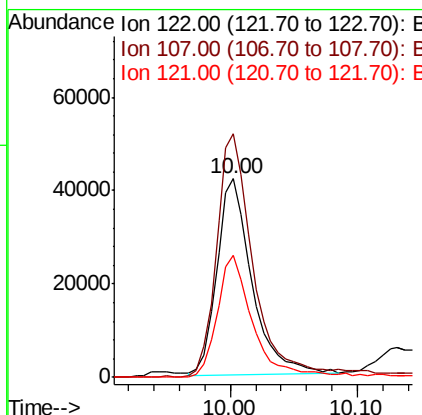
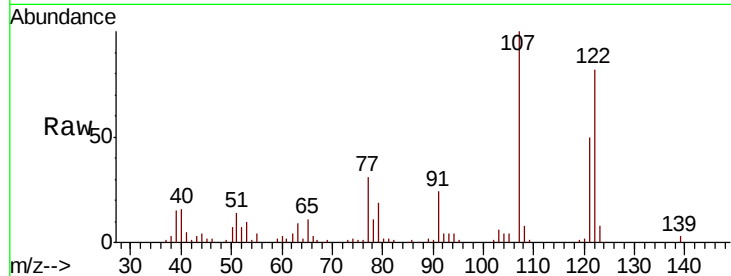
#27  
 2,4-Dimethylphenol  
 Concen: 46.393 ng  
 RT: 10.00 min Scan# 1143  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113566BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 122   | Resp: | 81111 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 107       | 122.7 | 96.0  | 144.0 |
| 121       | 61.7  | 48.2  | 72.4  |

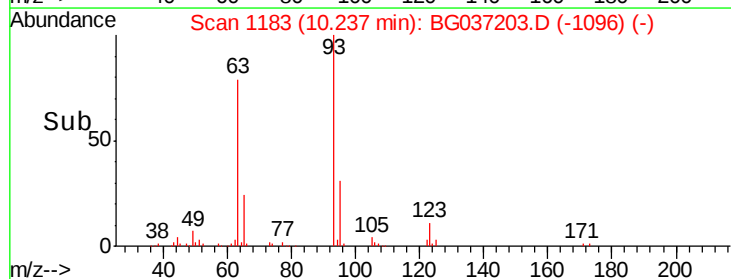
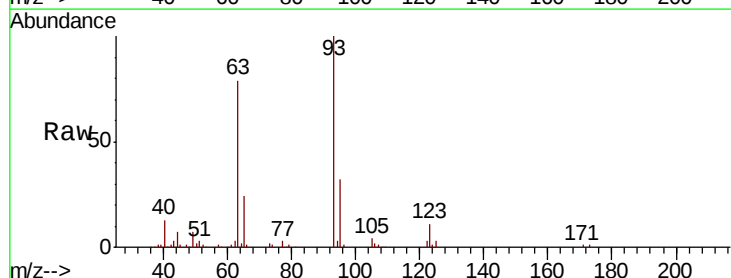
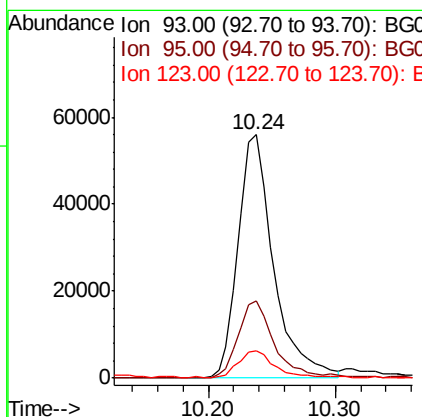
Manual Integrations  
 APPROVED

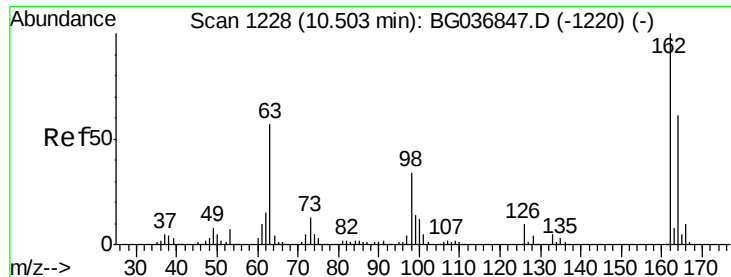
Sohil  
 10/8/2018 1:56:19 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 36.707 ng  
 RT: 10.24 min Scan# 1183  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 109129 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 31.7  | 25.2  | 37.8   |
| 123       | 11.1  | 8.6   | 12.8   |





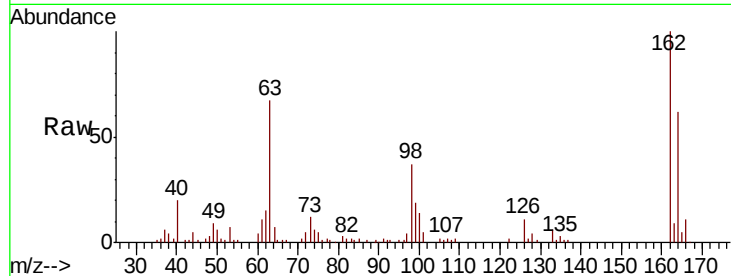
#29  
2,4-Dichlorophenol  
Concen: 43.764 ng  
RT: 10.48 min Scan# 1225  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB113566BS

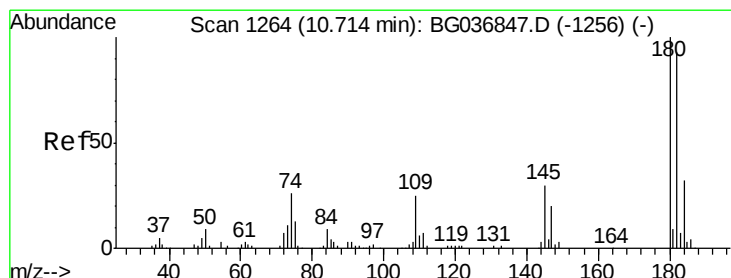
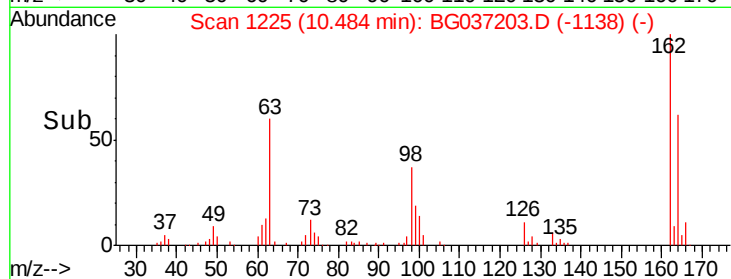
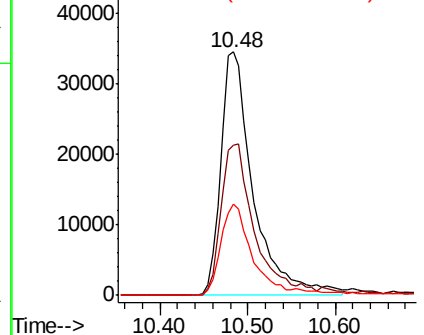
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 162   | Resp: | 88697 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 61.9  | 47.6  | 87.6  |
| 98        | 37.4  | 19.2  | 59.2  |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM

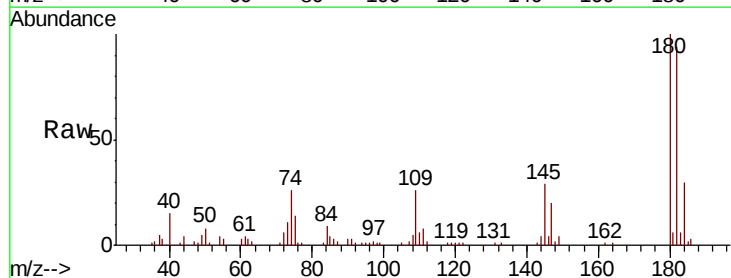


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): B

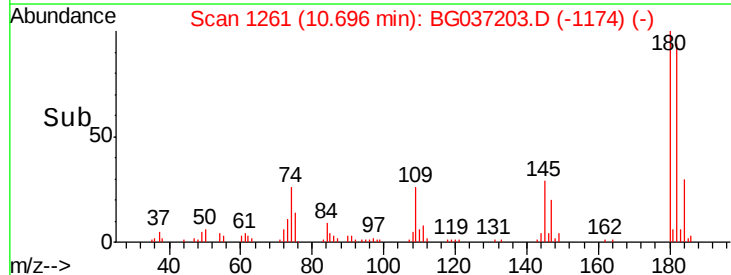
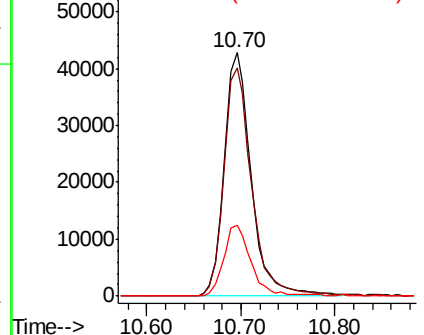


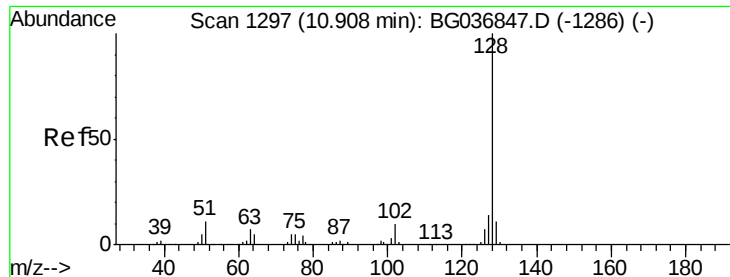
#30  
1,2,4-Trichlorobenzene  
Concen: 33.879 ng  
RT: 10.70 min Scan# 1261  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 85928 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 93.9  | 76.0  | 114.0 |
| 145       | 29.1  | 22.9  | 34.3  |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.987 ng

RT: 10.88 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

Instrument :

BNA\_G

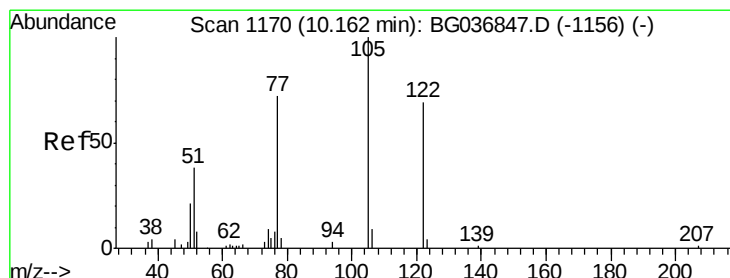
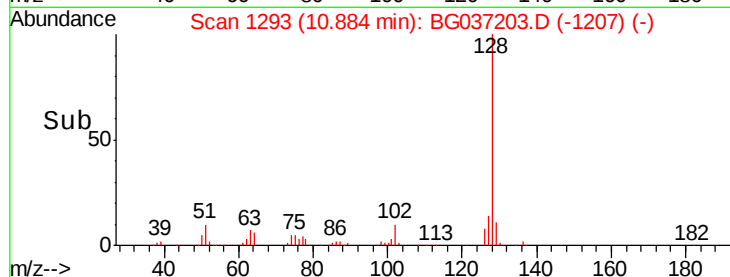
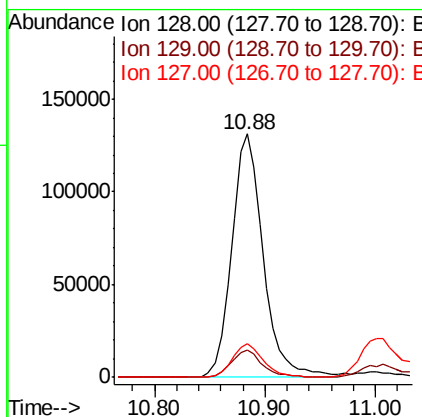
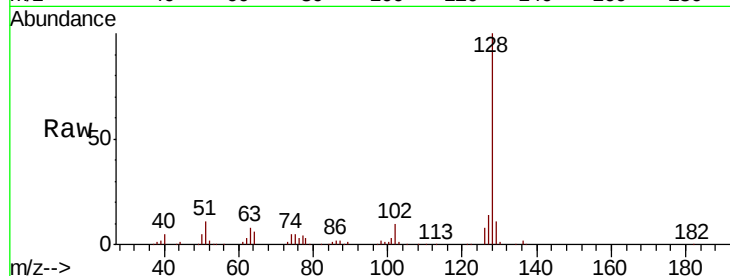
ClientSampleId :

PB113566BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 261937 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 129       | 11.0  | 9.4   | 14.2   |
| 127       | 13.7  | 11.0  | 16.4   |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM



#32

Benzoic acid

Concen: 23.763 ng m

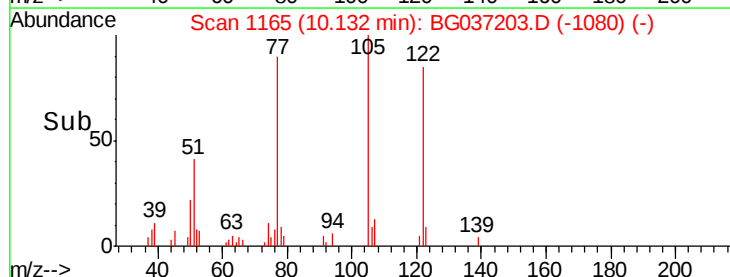
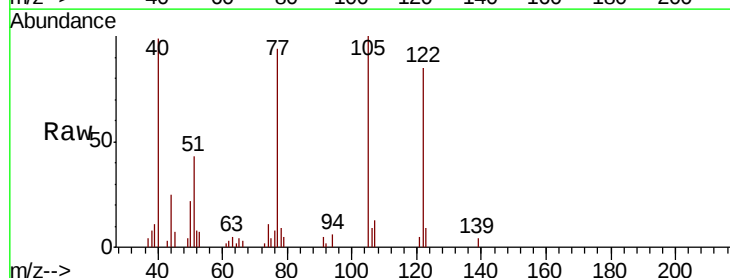
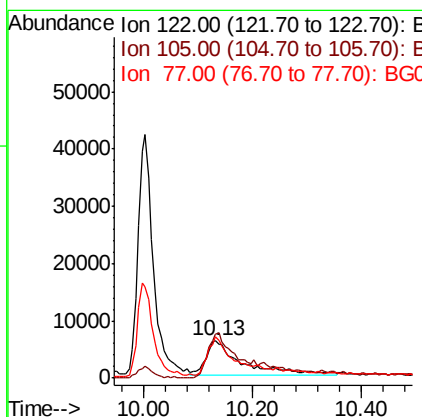
RT: 10.13 min Scan# 1165

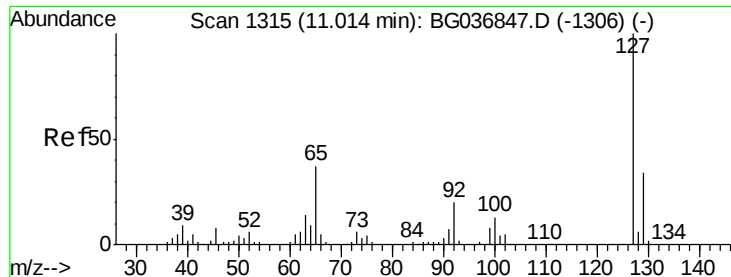
Delta R.T. -0.03 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 27352 |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 117.1 | 108.1 | 148.1 |
| 77        | 110.0 | 76.3  | 116.3 |





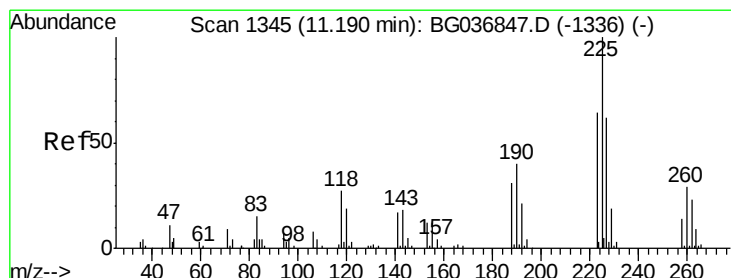
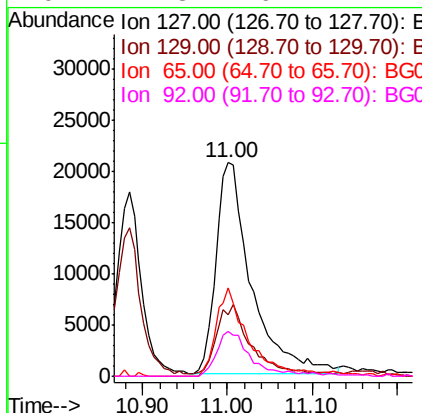
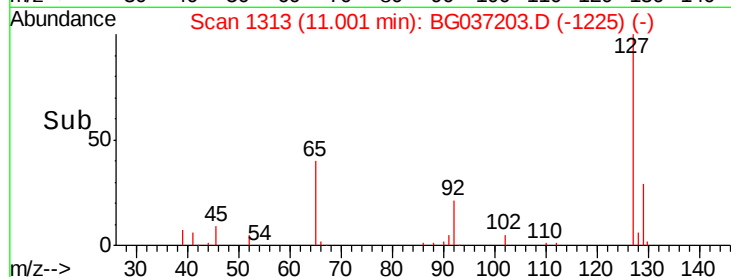
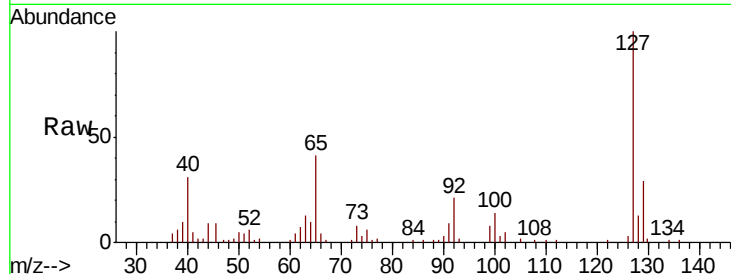
#33  
4-Chloroaniline  
Concen: 19.540 ng  
RT: 11.00 min Scan# 1313  
Delta R.T. -0.01 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB113566BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 127   | Resp: | 59690 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 28.8  | 25.9  | 38.9  |
| 65        | 41.3  | 27.5  | 41.3  |
| 92        | 21.3  | 16.2  | 24.2  |

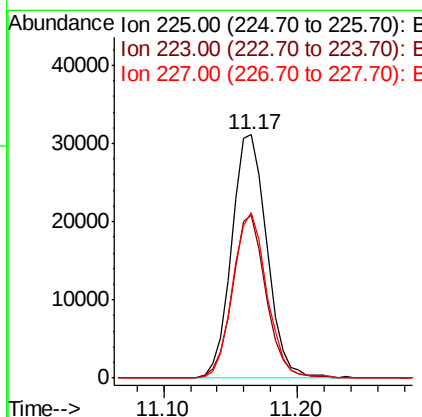
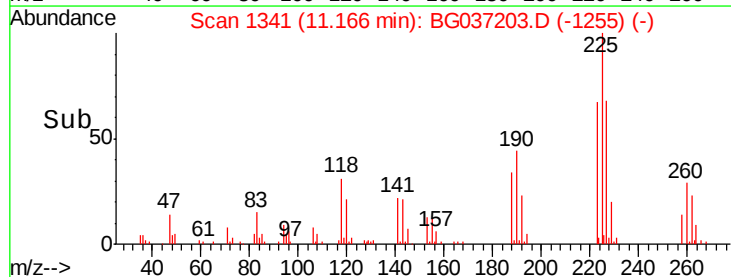
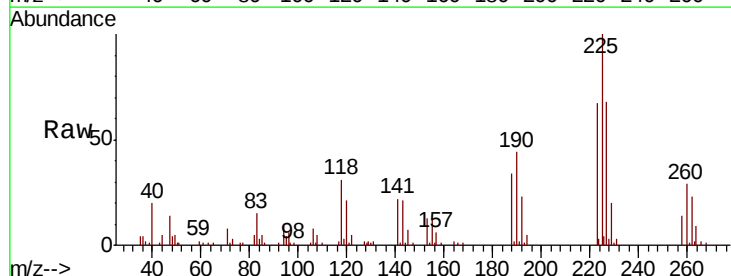
Manual Integrations  
APPROVED

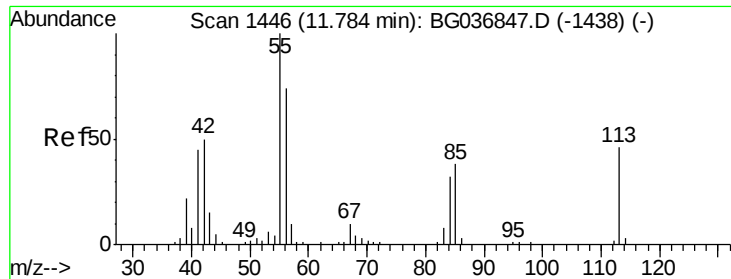
Sohil  
10/8/2018 1:56:19 PM



#34  
Hexachlorobutadiene  
Concen: 32.431 ng  
RT: 11.17 min Scan# 1341  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 225   | Resp: | 56883 |
| Ion Ratio | Lower | Upper |       |
| 225       | 100   |       |       |
| 223       | 67.0  | 51.8  | 77.8  |
| 227       | 67.8  | 49.8  | 74.6  |





#35

Caprolactam

Concen: 44.571 ng

RT: 11.77 min Scan# 1443

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

Instrument :

BNA\_G

ClientSampleId :

PB113566BS

Tot Ion:113 Resp: 37180

Ion Ratio Lower Upper

113 100

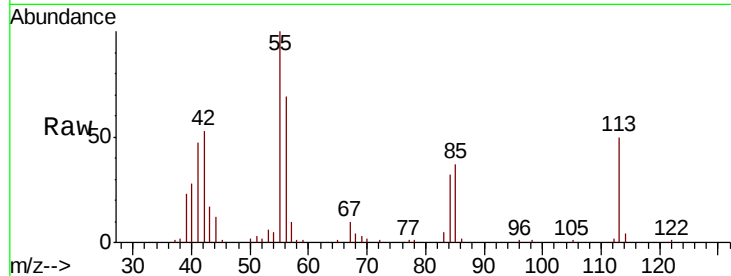
55 198.9 197.7 237.7

56 136.8 131.7 171.7

Manual Integrations  
APPROVED

Sohil

10/8/2018 1:56:19 PM

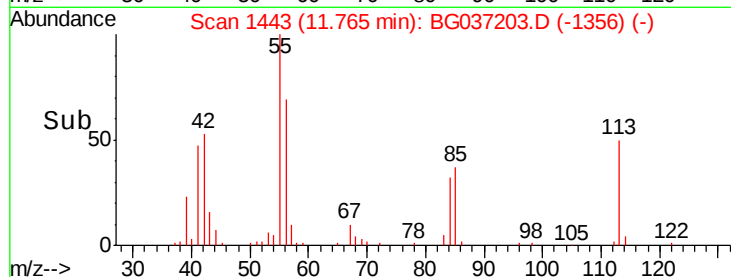


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG

Time-->



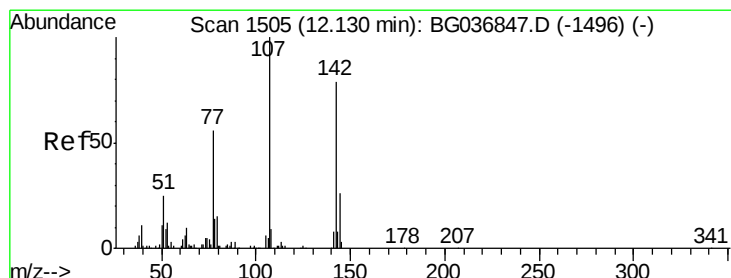
Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG

Time-->



#36

4-Chloro-3-methylphenol

Concen: 43.616 ng

RT: 12.11 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

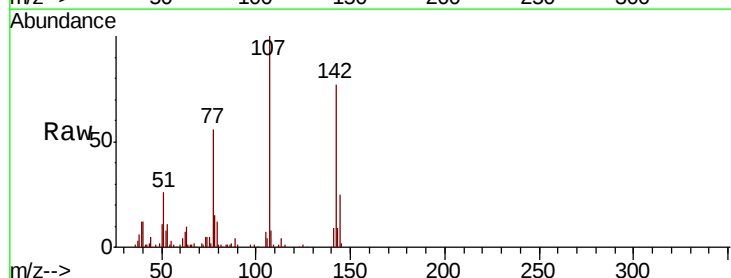
Tgt Ion:107 Resp: 105475

Ion Ratio Lower Upper

107 100

144 25.2 19.5 29.3

142 77.0 62.4 93.6

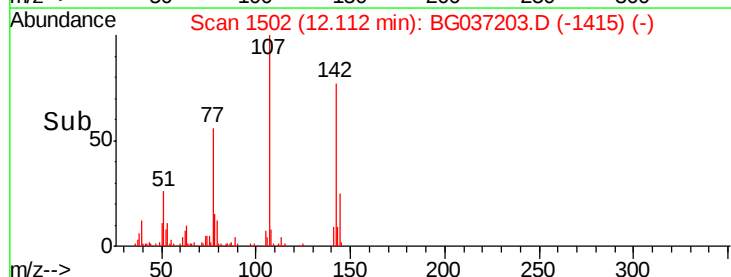


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



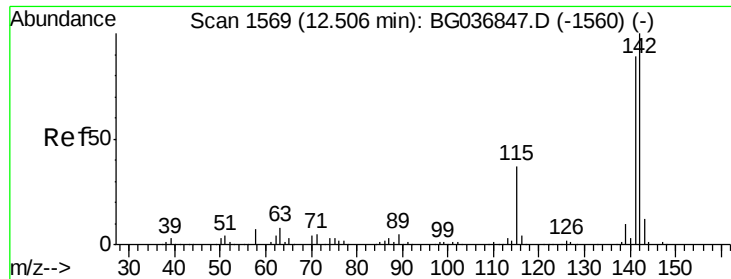
Abundance

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

Time-->



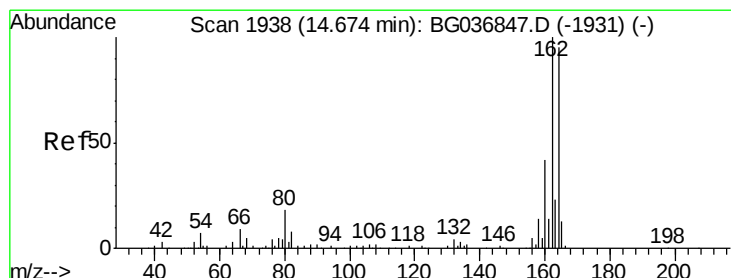
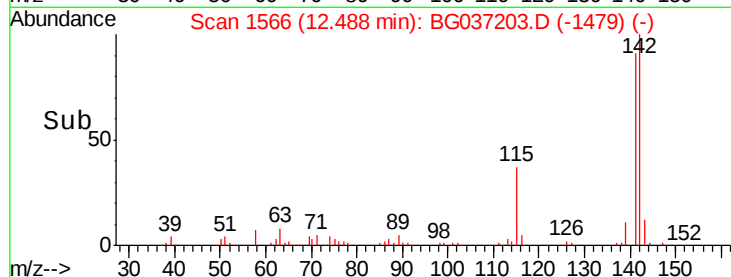
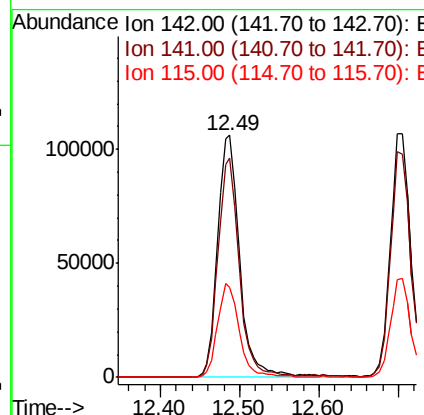
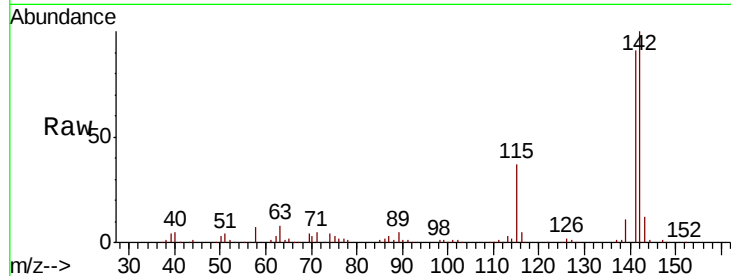
#37  
2-Methylnaphthalene  
Concen: 40.187 ng  
RT: 12.49 min Scan# 1566  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.6  | 68.5  | 102.7 |
| 115     | 37.0  | 29.8  | 44.8  |

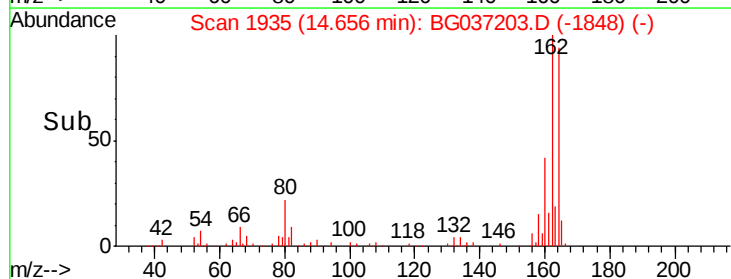
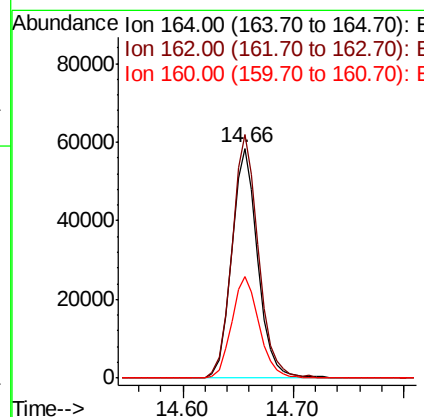
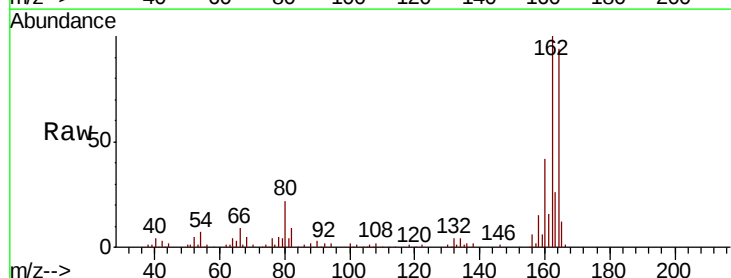
Manual Integrations  
APPROVED

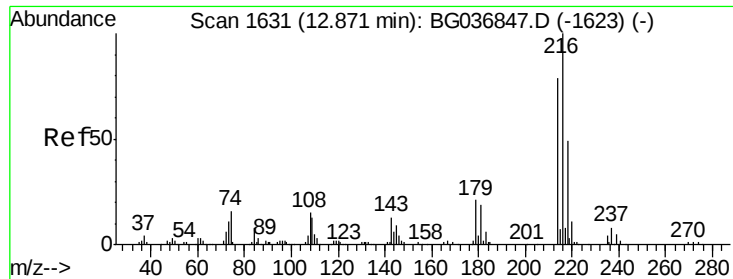
Sohil  
10/8/2018 1:56:19 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.66 min Scan# 1935  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 106.0 | 80.7  | 121.1 |
| 160     | 44.3  | 35.3  | 52.9  |





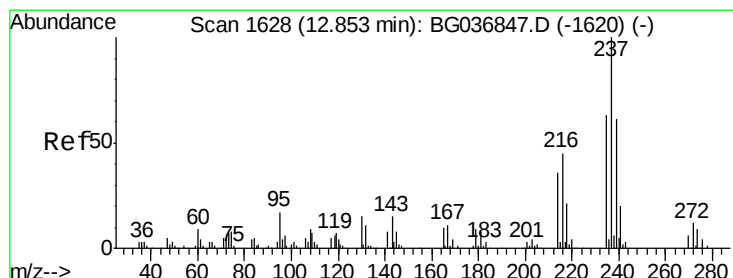
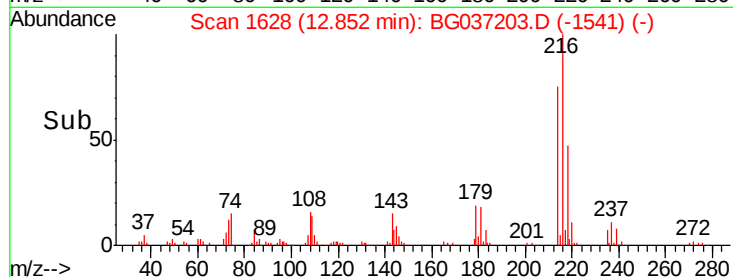
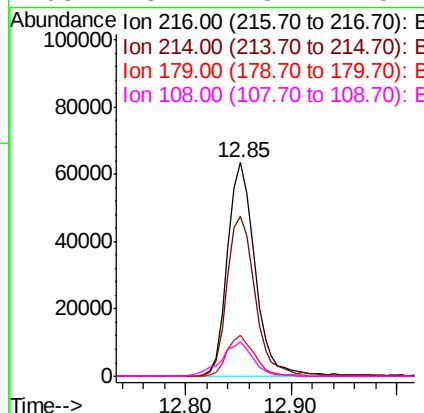
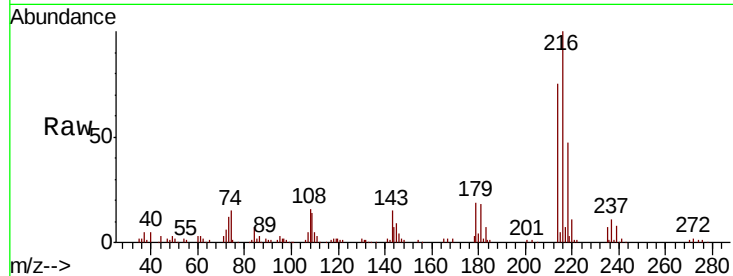
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 34.299 ng  
 RT: 12.85 min Scan# 1628  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.0  | 61.0  | 91.6  |
| 179     | 19.1  | 15.7  | 23.5  |
| 108     | 18.1  | 13.1  | 19.7  |

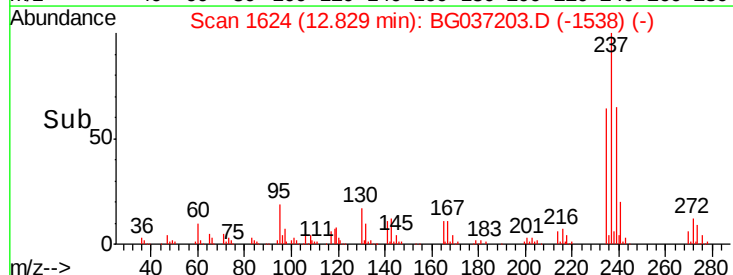
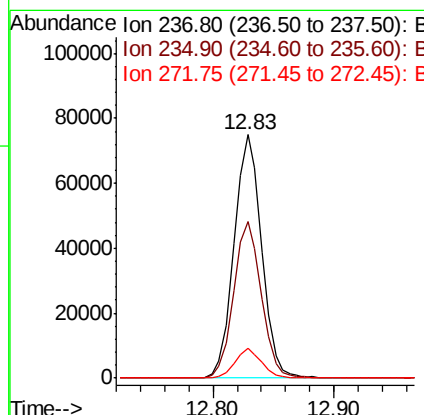
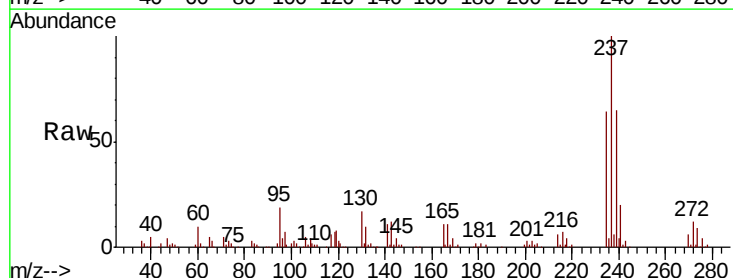
Manual Integrations  
 APPROVED

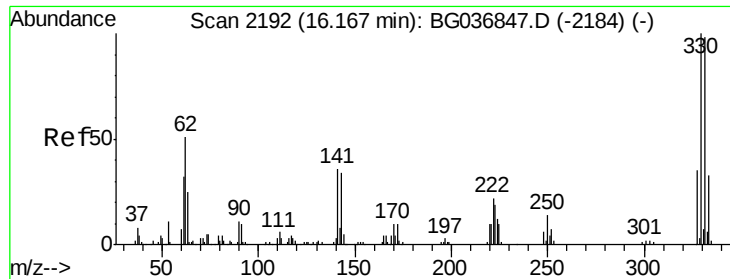
Sohil  
 10/8/2018 1:56:19 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 68.938 ng  
 RT: 12.83 min Scan# 1624  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 64.1  | 42.2  | 82.2  |
| 272     | 12.1  | 0.0   | 32.1  |





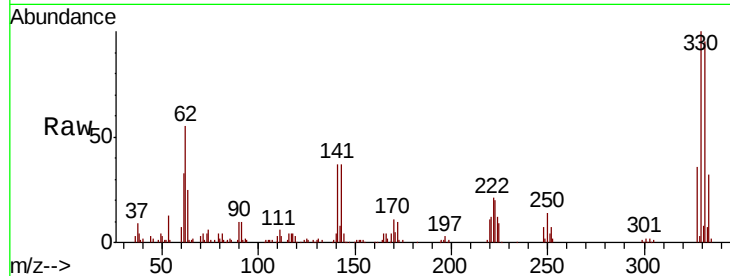
#41  
 2,4,6-Tribromophenol  
 Concen: 119.195 ng  
 RT: 16.15 min Scan# 2189  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB113566BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 330     | 100   |      |       |       |
| 332     | 95.6  | 75.4 | 113.2 |       |
| 141     | 40.1  | 30.7 | 46.1  |       |

Manual Integrations  
 APPROVED

Sohil  
 10/8/2018 1:56:19 PM

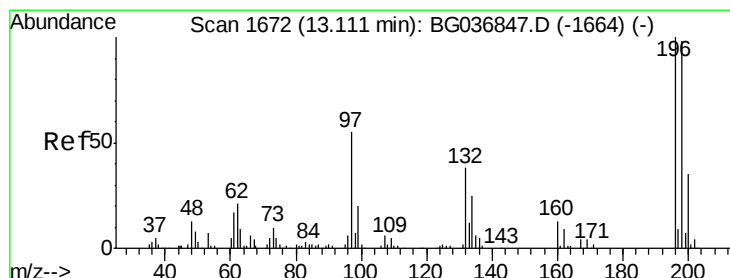
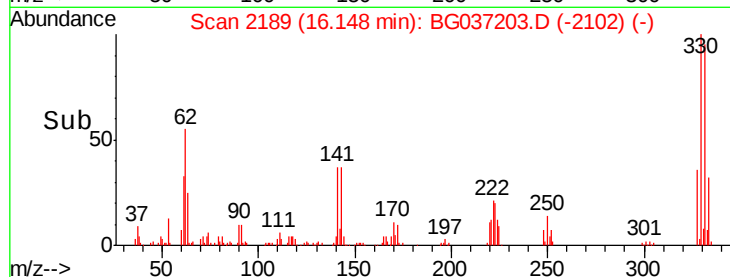
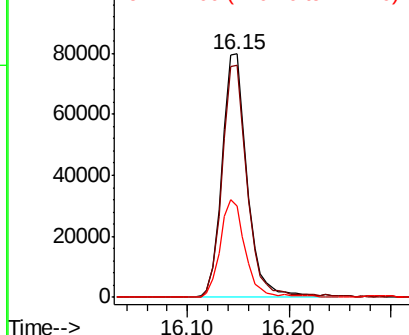


Abundance

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: 43.160 ng  
 RT: 13.09 min Scan# 1669  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

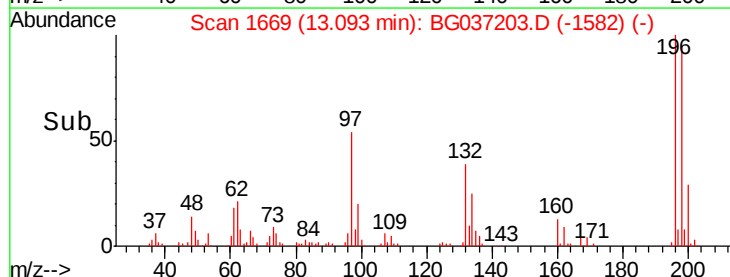
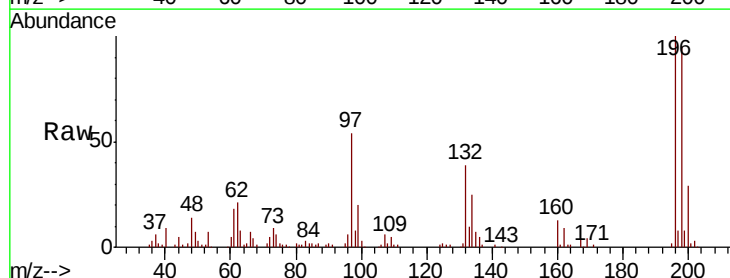
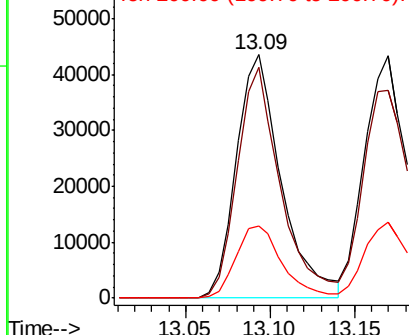
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 94.8  | 77.2 | 115.8 |       |
| 200     | 29.5  | 26.3 | 39.5  |       |

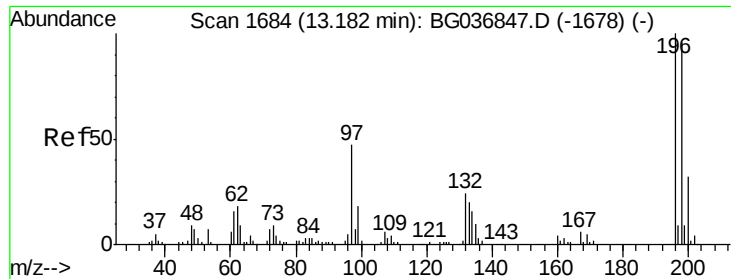
Abundance

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





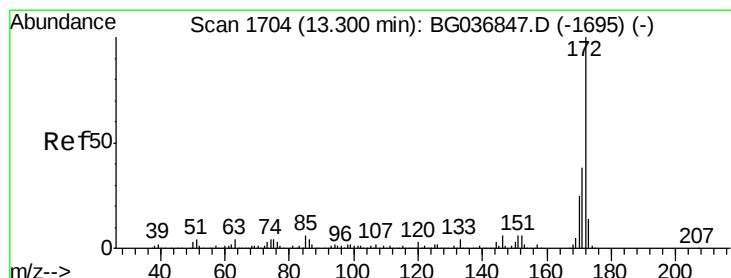
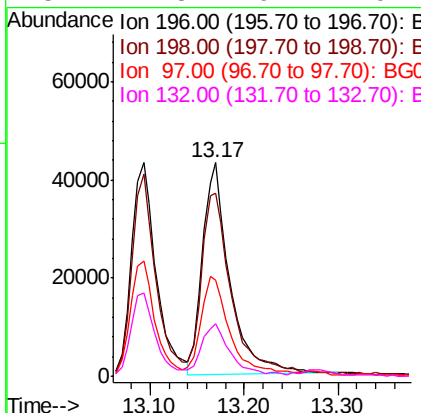
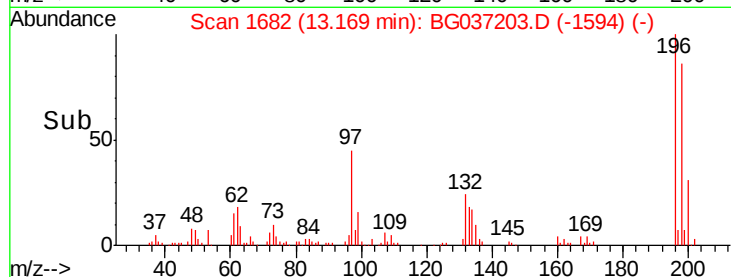
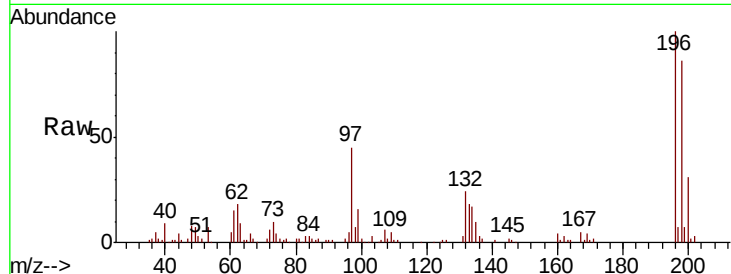
#43  
 2,4,5-Trichlorophenol  
 Concen: 44.341 ng  
 RT: 13.17 min Scan# 1682  
 Delta R.T. -0.01 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113566BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 196   | Resp: | 88074 |
| Ion Ratio | Lower | Upper |       |
| 196       | 100   |       |       |
| 198       | 85.7  | 75.6  | 113.4 |
| 97        | 45.2  | 37.2  | 55.8  |
| 132       | 24.3  | 19.4  | 29.2  |

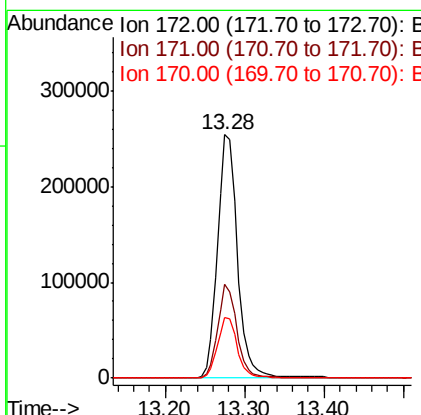
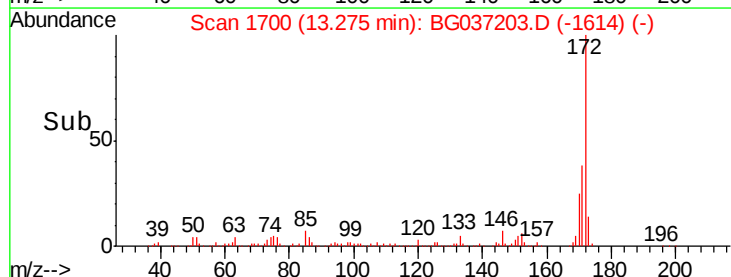
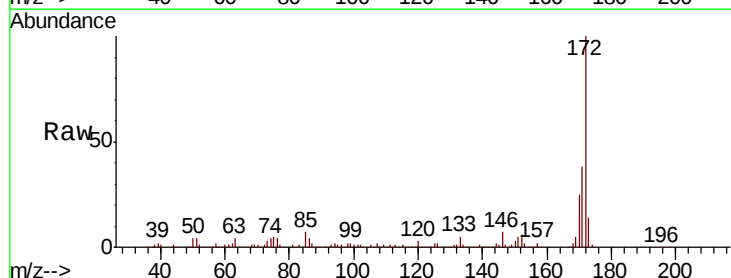
Manual Integrations  
 APPROVED

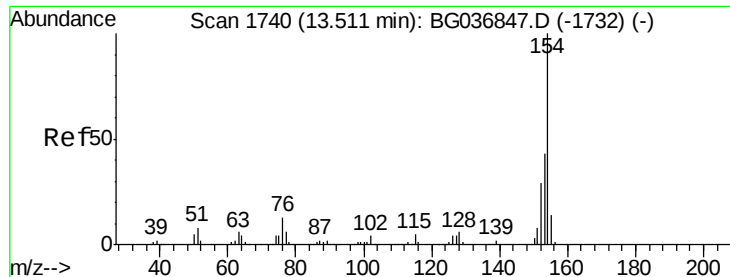
Sohil  
 10/8/2018 1:56:19 PM



#44  
 2-Fluorobiphenyl  
 Concen: 69.228 ng  
 RT: 13.28 min Scan# 1700  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 172   | Resp: | 447041 |
| Ion Ratio | Lower | Upper |        |
| 172       | 100   |       |        |
| 171       | 38.3  | 31.3  | 46.9   |
| 170       | 24.8  | 21.0  | 31.6   |





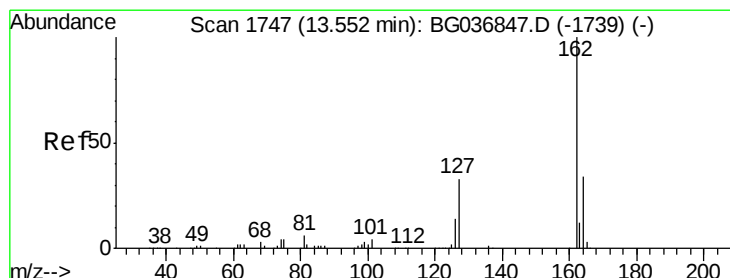
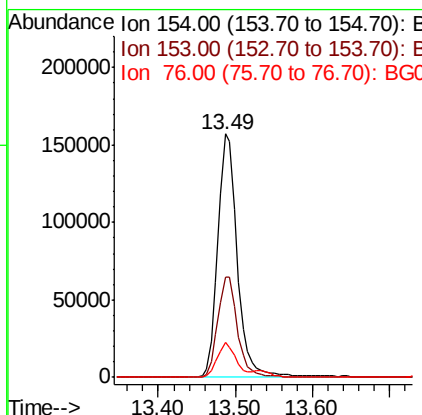
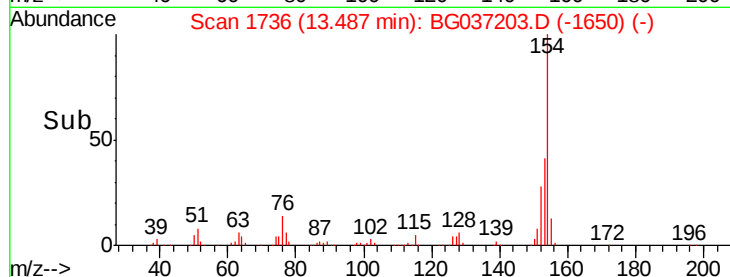
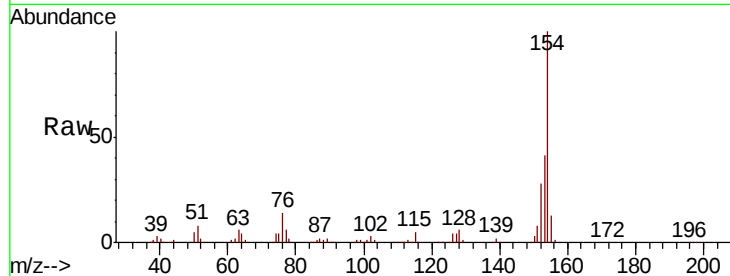
#45  
 1,1'-Biphenyl  
 Concen: 37.413 ng  
 RT: 13.49 min Scan# 1736  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.1  | 24.0  | 64.0  |
| 76      | 14.4  | 0.0   | 32.9  |

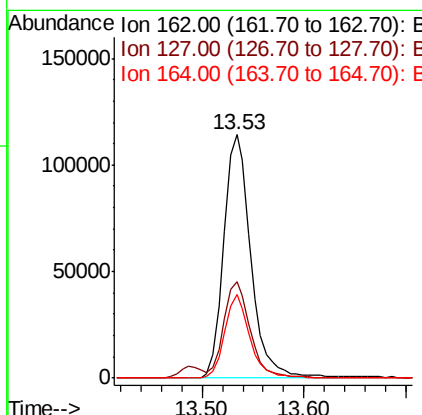
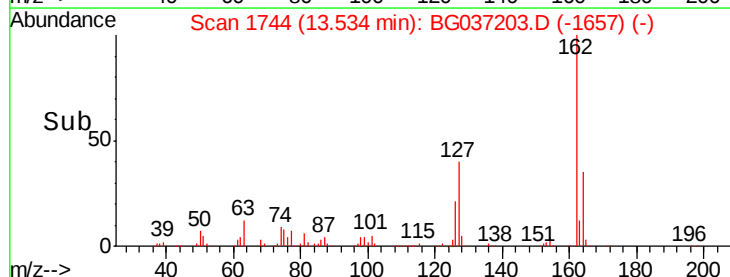
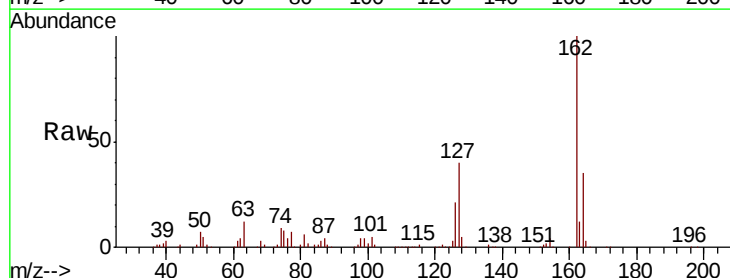
Manual Integrations  
 APPROVED

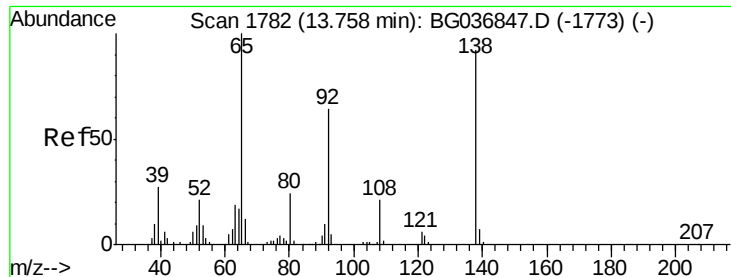
Sohil  
 10/8/2018 1:56:19 PM



#46  
 2-Chloronaphthalene  
 Concen: 36.553 ng  
 RT: 13.53 min Scan# 1744  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.6  | 30.7  | 46.1  |
| 164     | 34.5  | 26.7  | 40.1  |





#47

2-Nitroaniline

Concen: 42.588 ng

RT: 13.74 min Scan# 1779

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

Instrument :

BNA\_G

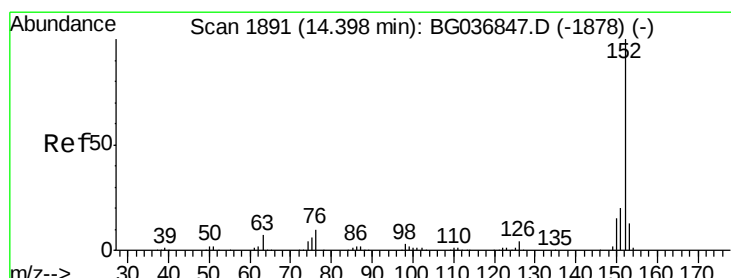
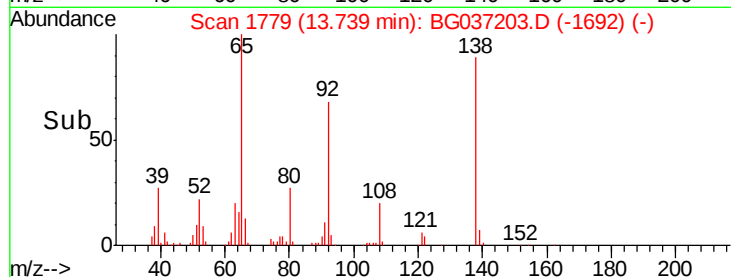
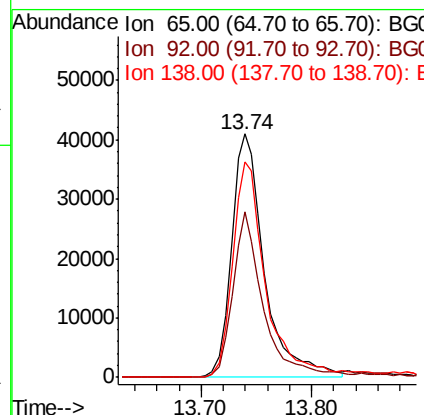
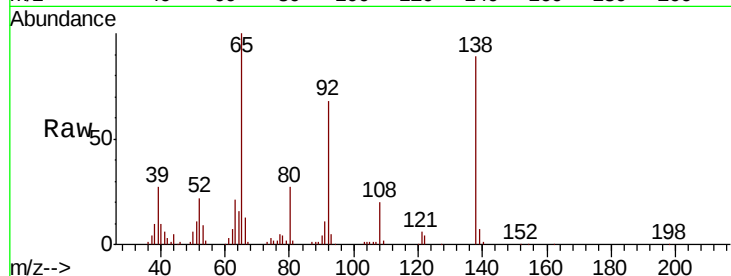
ClientSampleId :

PB113566BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 65    | Resp: | 85328 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 68.2  | 49.9  | 74.9  |
| 138       | 88.7  | 76.2  | 114.4 |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM



#48

Acenaphthylene

Concen: 41.017 ng

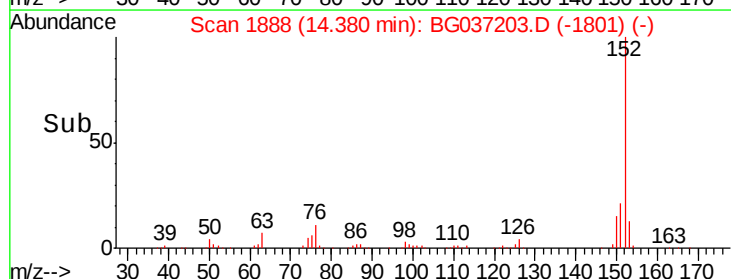
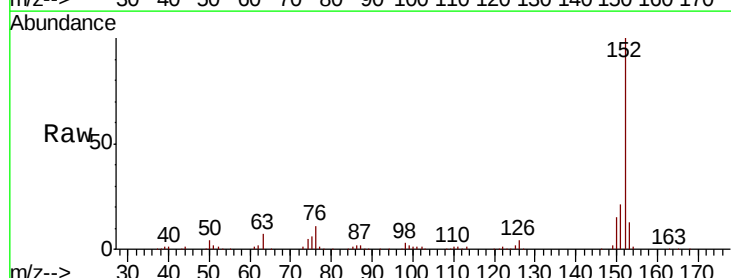
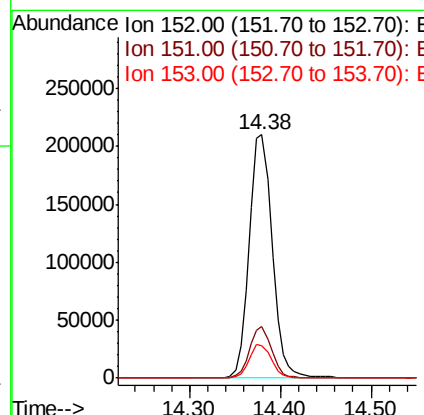
RT: 14.38 min Scan# 1888

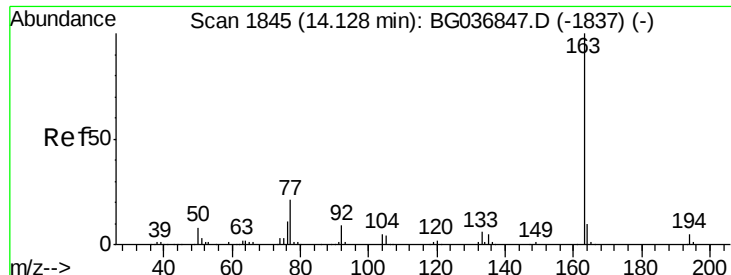
Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 372314 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.2  | 16.9  | 25.3   |
| 153       | 13.3  | 11.2  | 16.8   |





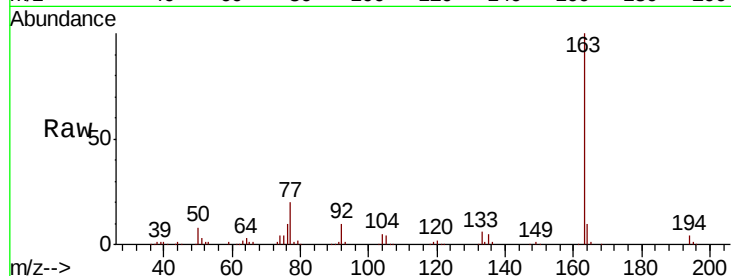
#49  
Dimethylphthalate  
Concen: 39.806 ng  
RT: 14.11 min Scan# 1842  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

Instrument :  
BNA\_G  
ClientSampled :  
PB113566BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 308161 |       |       |
| 194     | 4.2   |        | 4.0   | 6.0   |
| 164     | 10.3  |        | 8.1   | 12.1  |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM

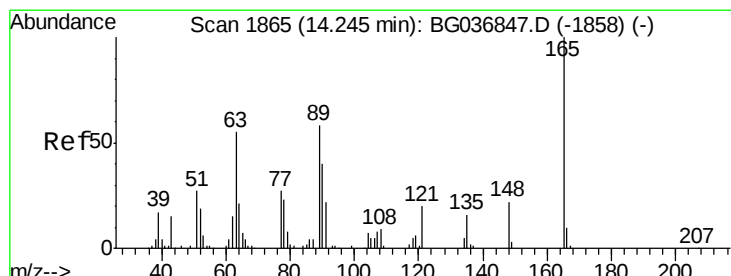
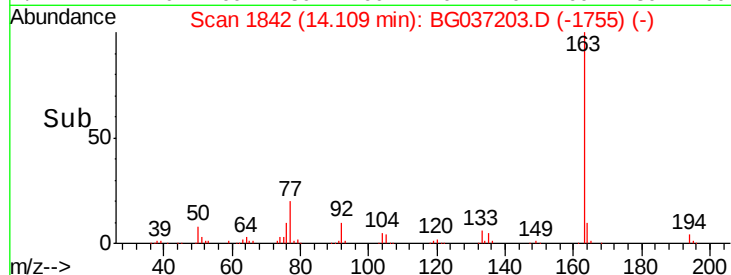
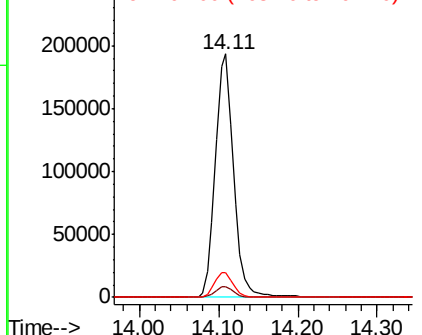


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50  
2,6-Dinitrotoluene  
Concen: 39.521 ng  
RT: 14.23 min Scan# 1862  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

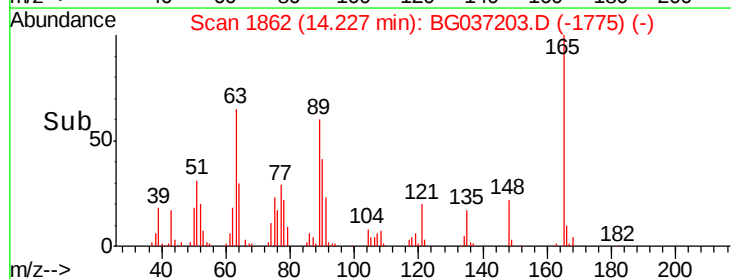
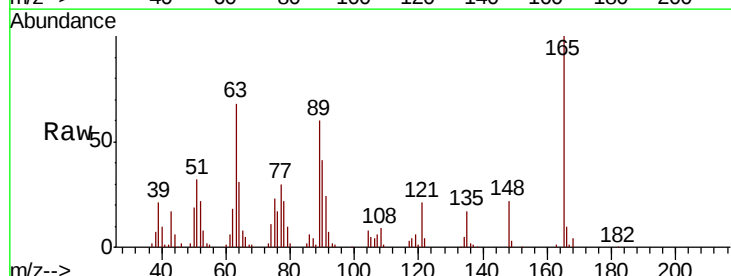
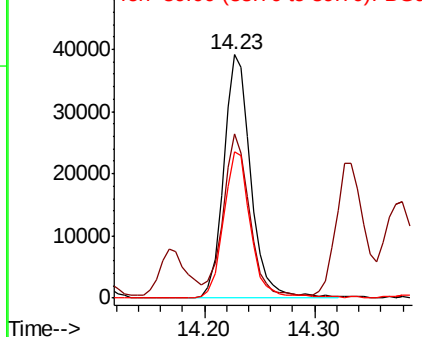
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 66755 |       |       |
| 63      | 67.6  |       | 50.1  | 75.1  |
| 89      | 60.1  |       | 47.8  | 71.6  |

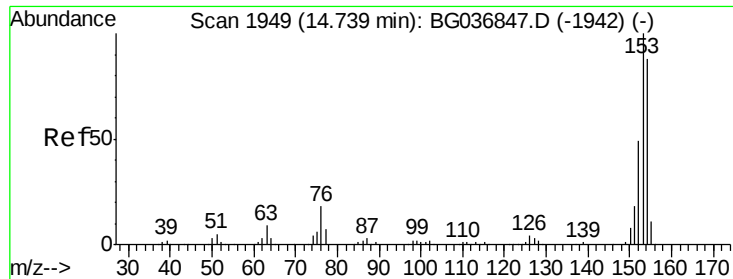
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#51

Acenaphthene

Concen: 38.580 ng

RT: 14.72 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

Instrument :

BNA\_G

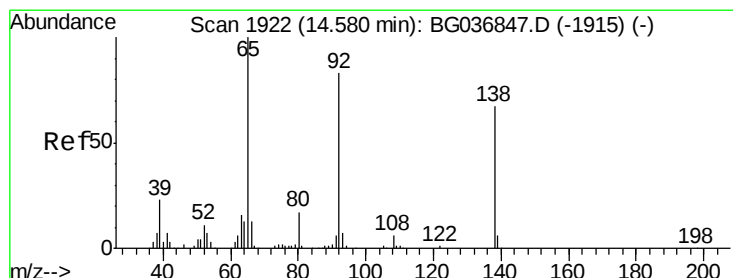
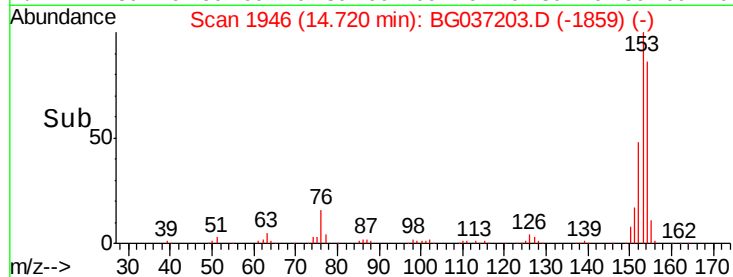
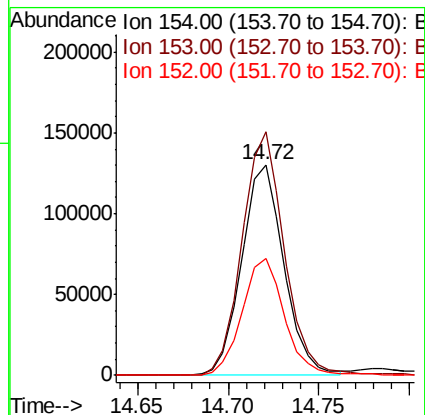
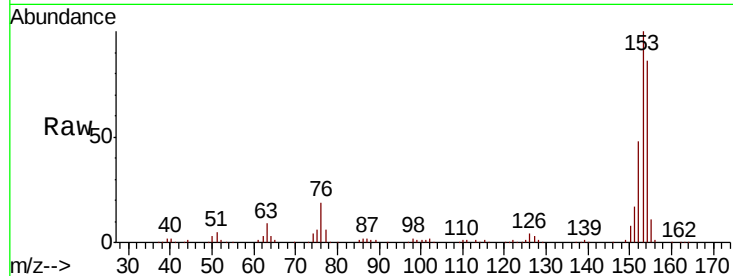
ClientSampleId :

PB113566BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 211648 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 115.8 | 91.8  | 137.6  |
| 152       | 55.5  | 43.5  | 65.3   |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM



#52

3-Nitroaniline

Concen: 27.243 ng

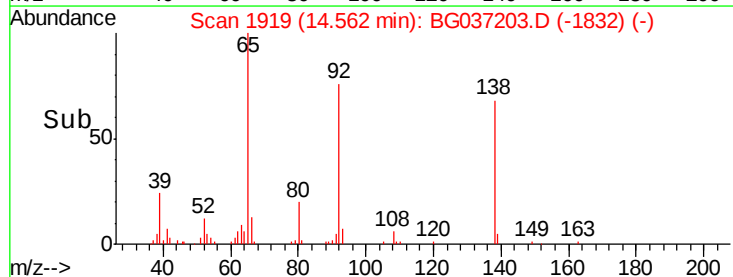
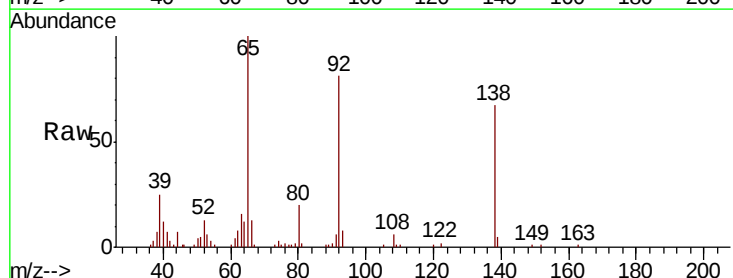
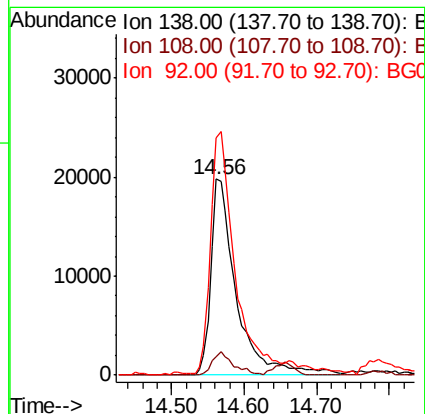
RT: 14.56 min Scan# 1919

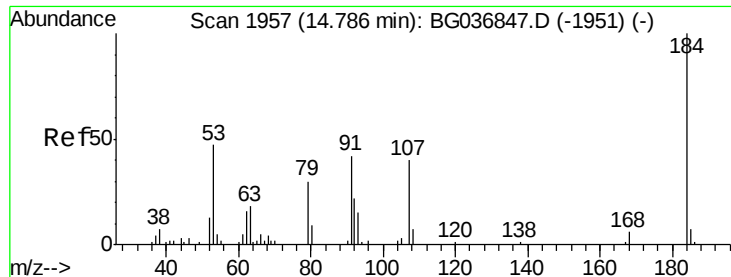
Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 48489 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 9.2   | 9.4   | 14.2# |
| 92        | 121.0 | 96.8  | 145.2 |





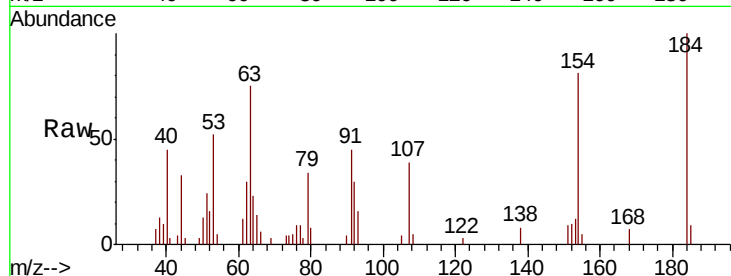
#53  
2,4-Dinitrophenol  
Concen: 24.780 ng  
RT: 14.79 min Scan# 1957  
Delta R.T. -0.00 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB113566BS

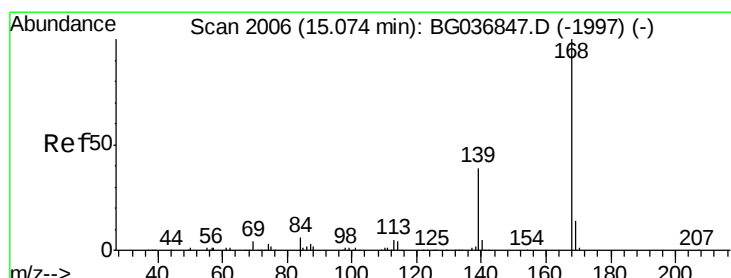
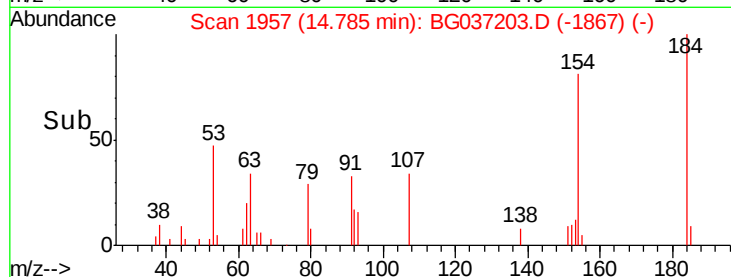
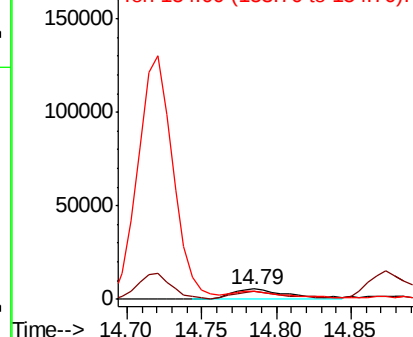
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 75.3  | 47.3  | 70.9# |
| 154     | 80.6  | 51.1  | 76.7# |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM

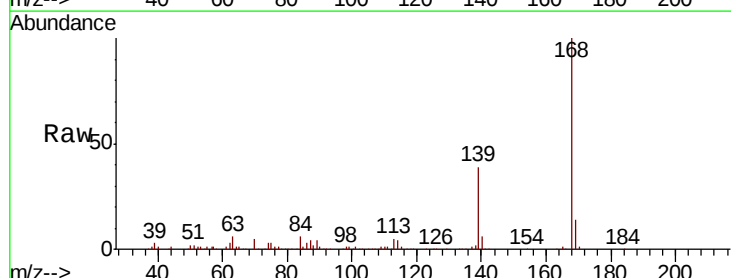


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E

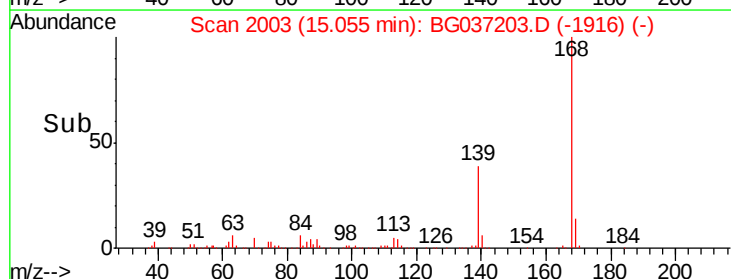
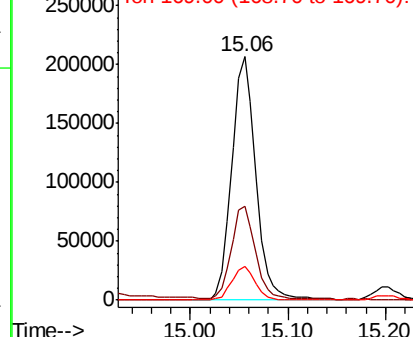


#54  
Dibenzofuran  
Concen: 38.252 ng  
RT: 15.06 min Scan# 2003  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.6  | 31.0  | 46.6  |
| 169     | 14.1  | 11.1  | 16.7  |



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E





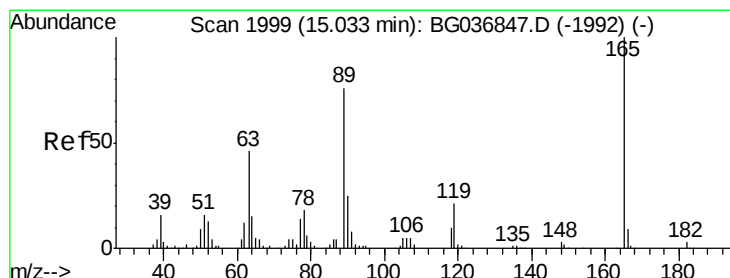
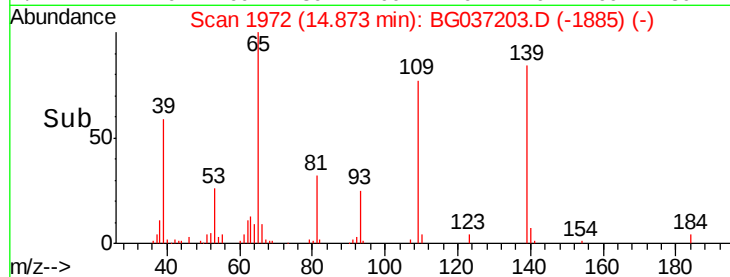
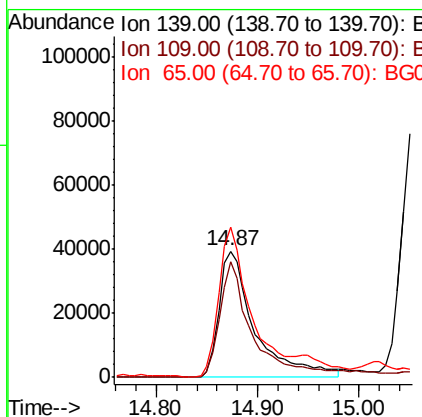
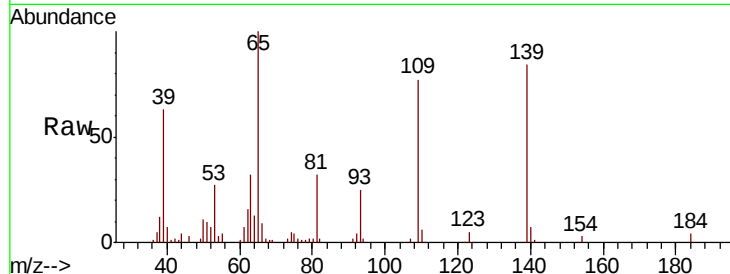
#55  
4-Nitrophenol  
Concen: 84.901 ng  
RT: 14.87 min Scan# 1972  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

Instrument :  
BNA\_G  
ClientSampled :  
PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 91.5  | 63.9  | 103.9 |
| 65      | 119.4 | 90.0  | 130.0 |

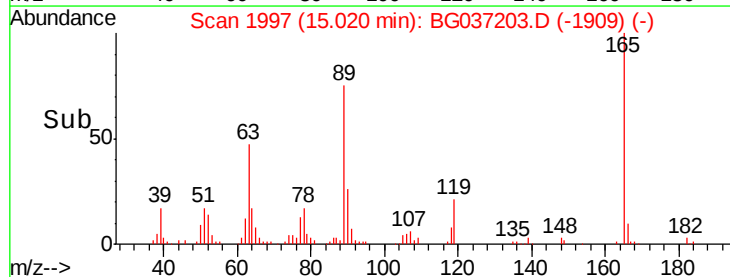
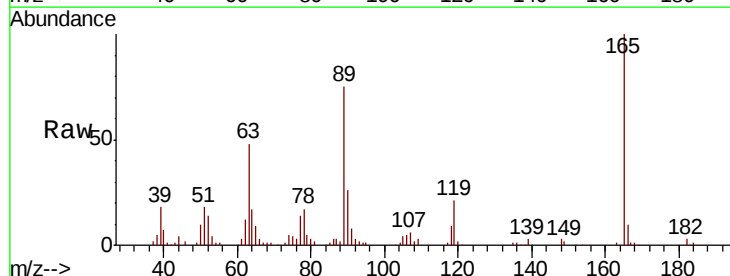
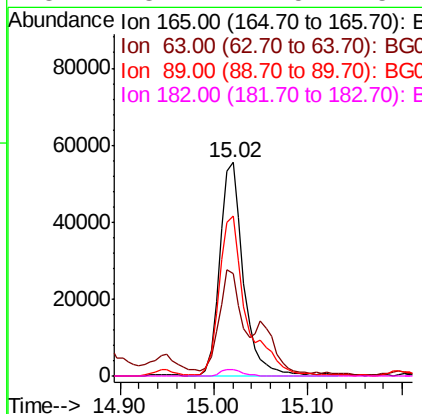
Manual Integrations  
APPROVED

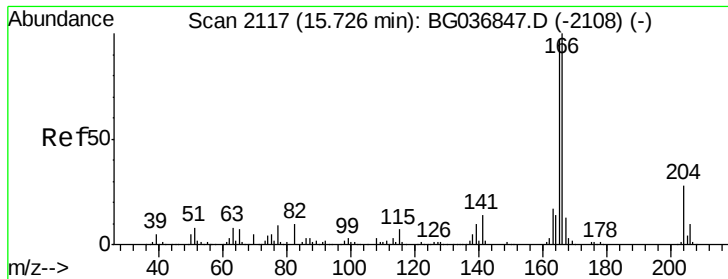
Sohil  
10/8/2018 1:56:19 PM



#56  
2,4-Dinitrotoluene  
Concen: 41.570 ng  
RT: 15.02 min Scan# 1997  
Delta R.T. -0.01 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 48.1  | 40.1  | 60.1  |
| 89      | 74.7  | 63.7  | 95.5  |
| 182     | 3.1   | 2.5   | 3.7   |





#57

Fluorene

Concen: 42.269 ng

RT: 15.70 min Scan# 2113

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

Instrument :

BNA\_G

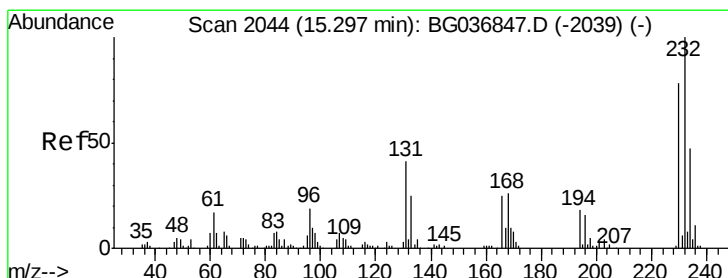
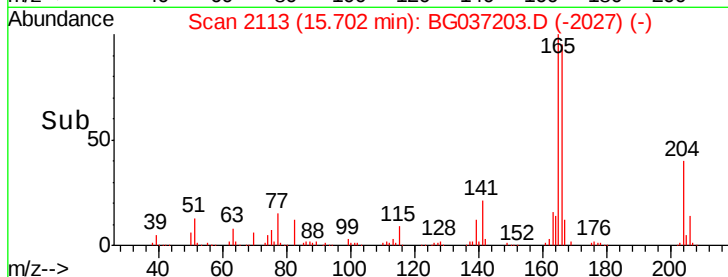
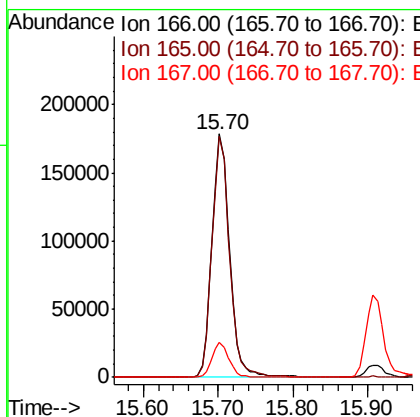
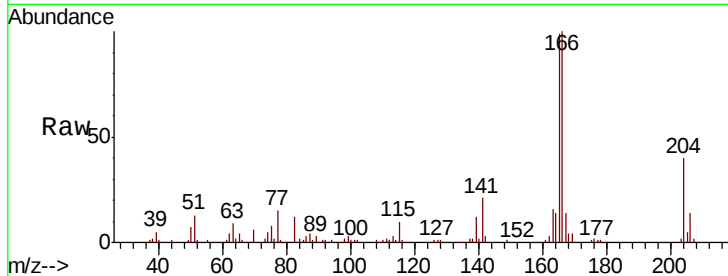
ClientSampleId :

PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.8  | 77.0  | 115.4 |
| 167     | 14.2  | 10.6  | 16.0  |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.444 ng

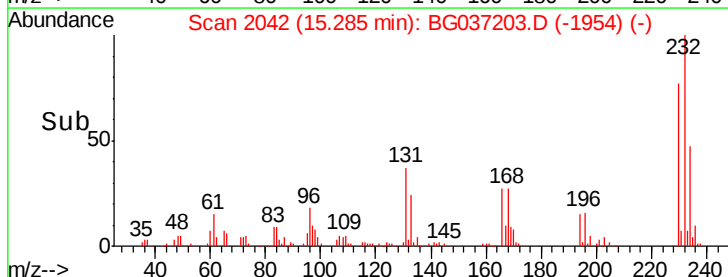
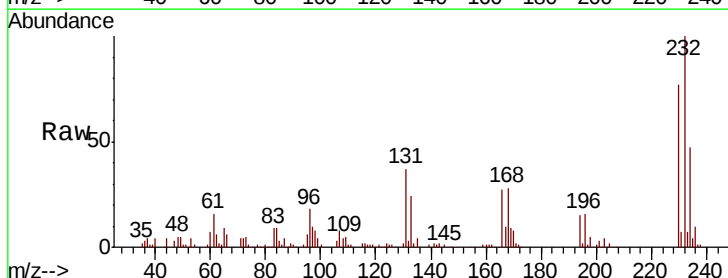
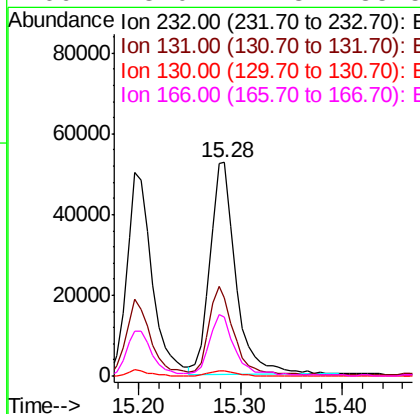
RT: 15.28 min Scan# 2042

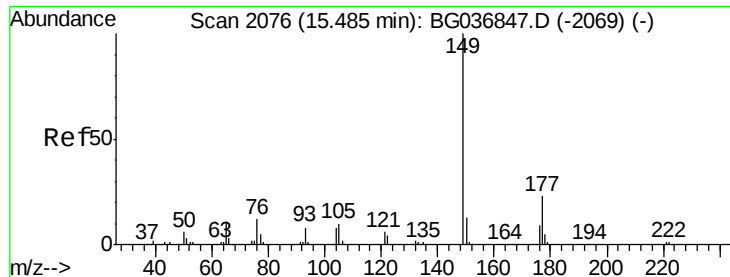
Delta R.T. -0.01 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 40.2  | 33.8  | 50.8  |
| 130     | 2.4   | 2.1   | 3.1   |
| 166     | 28.0  | 22.3  | 33.5  |





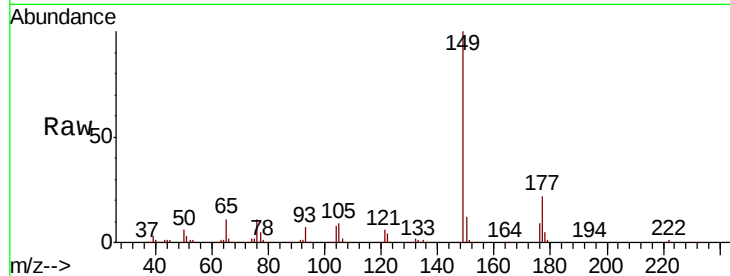
#59  
Diethylphthalate  
Concen: 40.609 ng  
RT: 15.47 min Scan# 2073  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.3  | 19.1  | 28.7  |
| 150     | 12.4  | 10.7  | 16.1  |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM

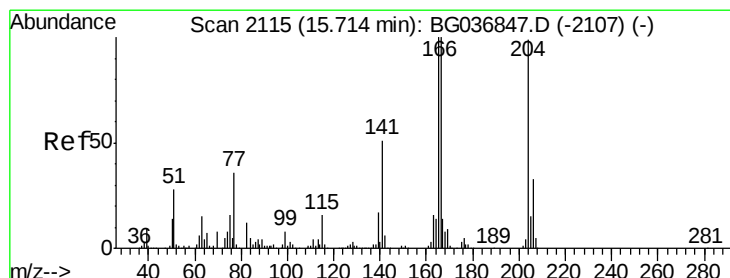
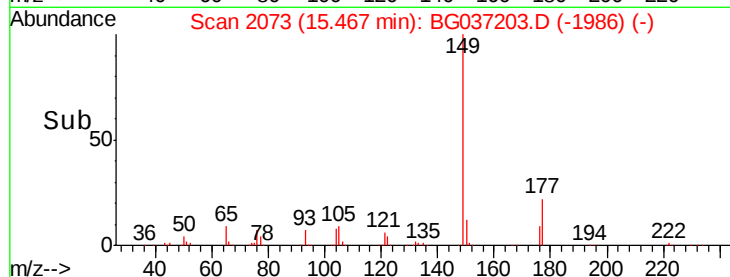
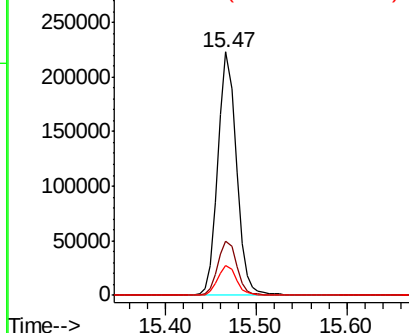


Abundance

Ion 149.00 (148.70 to 149.70): E

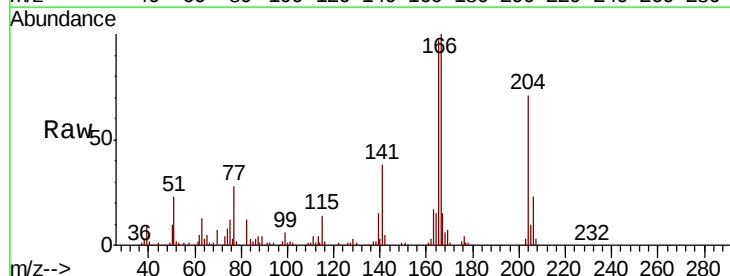
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60  
4-Chlorophenyl-phenylether  
Concen: 36.048 ng  
RT: 15.70 min Scan# 2112  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.6  | 27.0  | 40.4  |
| 141     | 53.6  | 43.8  | 65.6  |

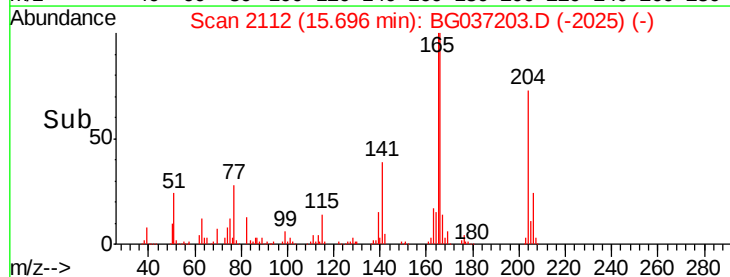
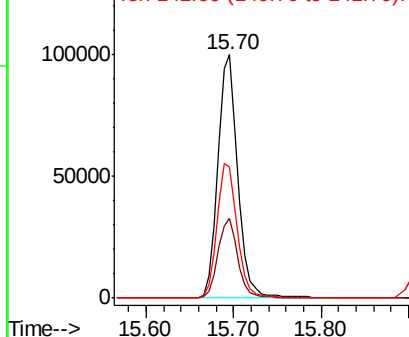


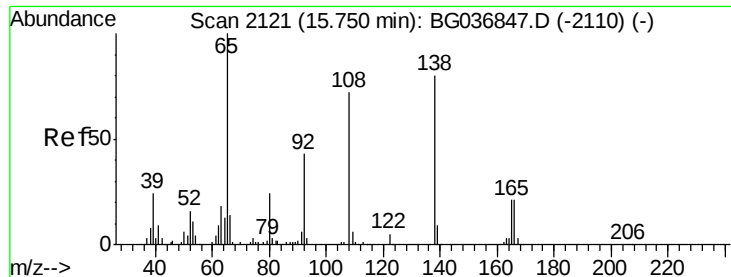
Abundance

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





#61

4-Nitroaniline

Concen: 39.674 ng

RT: 15.73 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

Instrument :

BNA\_G

ClientSampleId :

PB113566BS

Tot Ion:138 Resp: 74278

Ion Ratio Lower Upper

138 100

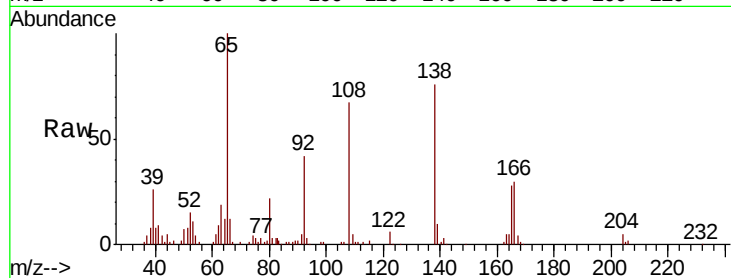
92 55.9 38.5 78.5

108 88.2 70.3 110.3

Manual Integrations  
APPROVED

Sohil

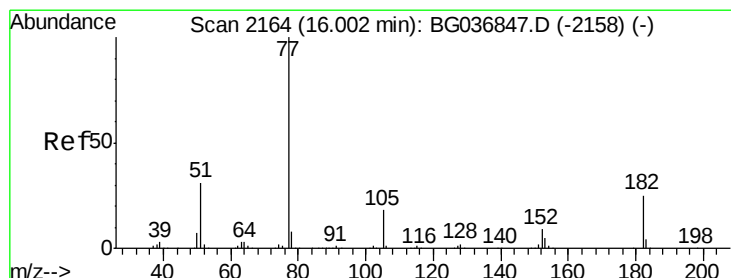
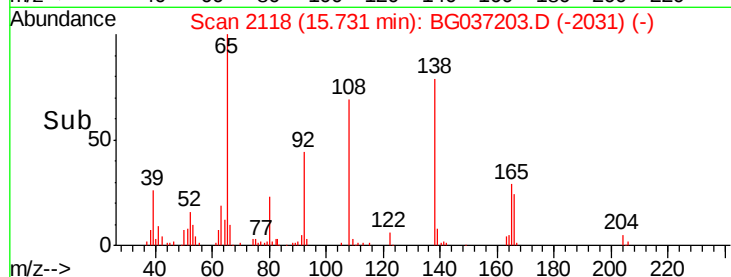
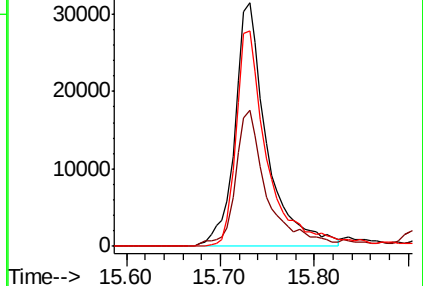
10/8/2018 1:56:19 PM



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: 42.182 ng

RT: 15.98 min Scan# 2161

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

Tgt Ion: 77 Resp: 316471

Ion Ratio Lower Upper

77 100

182 24.9 6.7 46.7

105 18.6 0.0 39.8

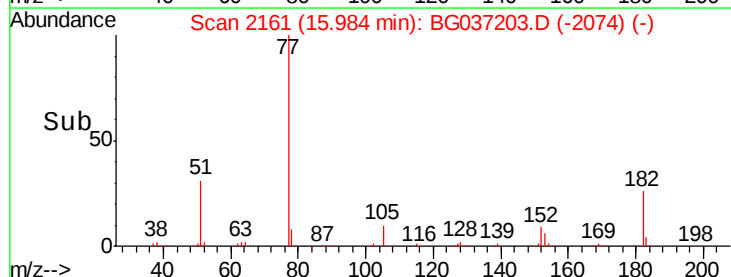
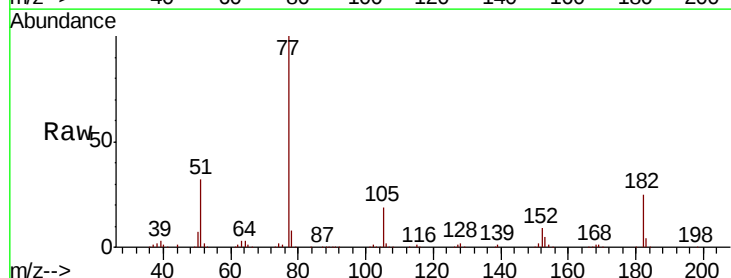
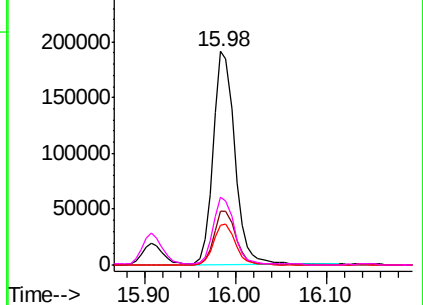
51 31.9 12.4 52.4

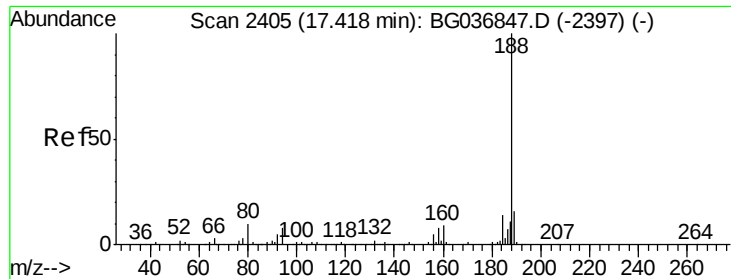
Abundance Ion 77.00 (76.70 to 77.70): BG

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: 17.40 min Scan# 2402

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

Instrument :

BNA\_G

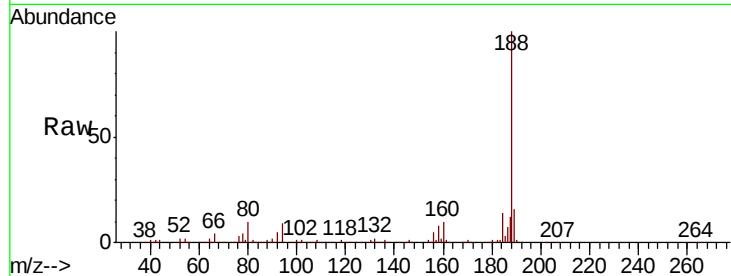
ClientSampleId :

PB113566BS

|             |       |          |
|-------------|-------|----------|
| Tot Ion:188 | Resp: | 260486   |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 8.7   | 6.7 10.1 |
| 80          | 10.3  | 8.1 12.1 |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.40

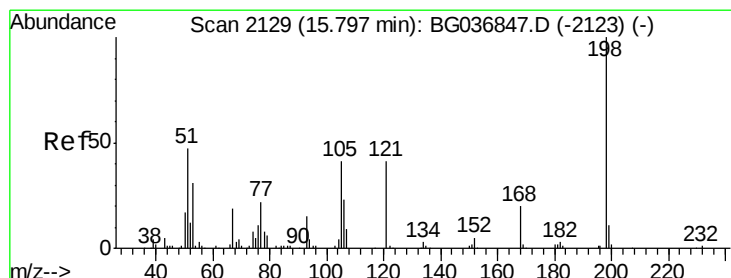
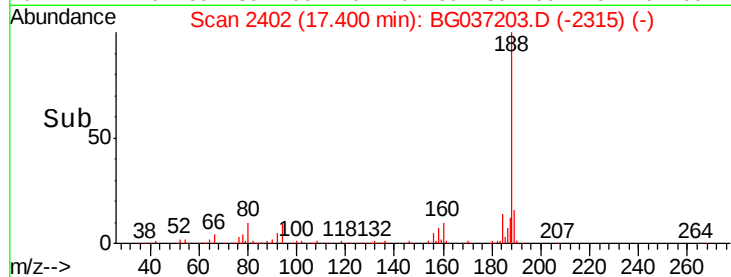
150000

100000

50000

0

Time--> 17.30 17.40 17.50



#64

4,6-Dinitro-2-methylphenol

Concen: 22.797 ng

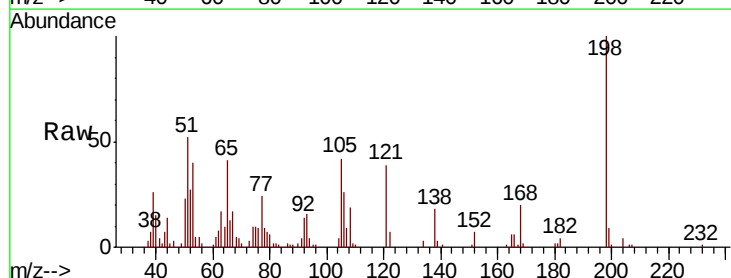
RT: 15.78 min Scan# 2127

Delta R.T. -0.01 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:198 | Resp: | 31046     |
| Ion Ratio   | Lower | Upper     |
| 198         | 100   |           |
| 51          | 52.4  | 26.5 66.5 |
| 105         | 42.5  | 20.2 60.2 |



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

40000

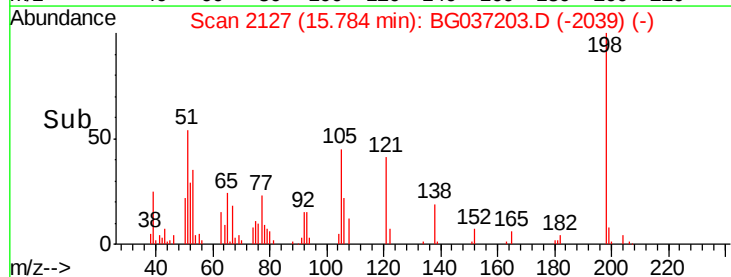
30000

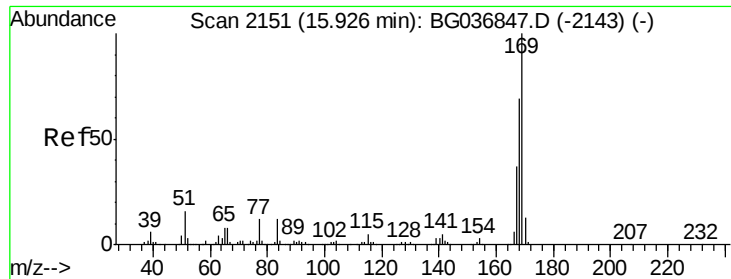
20000

10000

0

Time--> 15.70 15.80 15.90





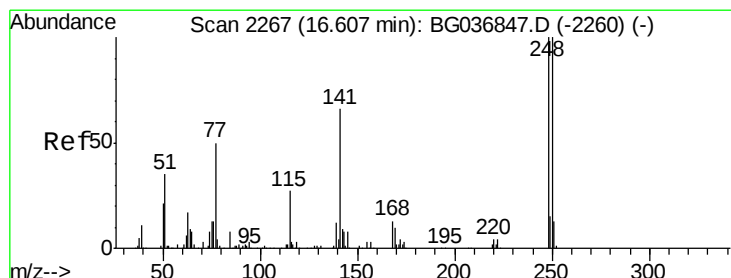
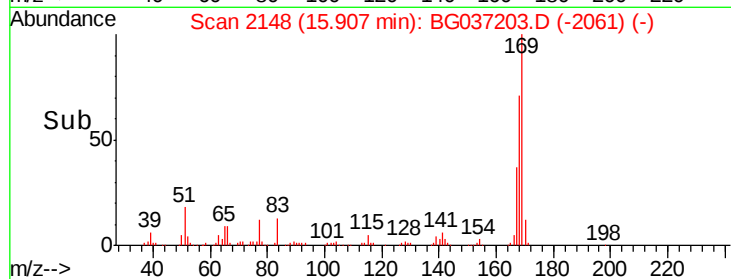
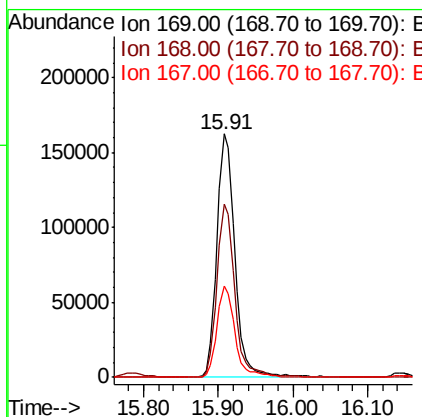
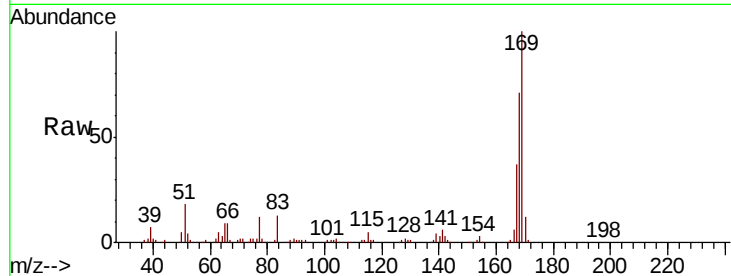
#65  
 n-Nitrosodiphenylamine  
 Concen: 37.809 ng  
 RT: 15.91 min Scan# 2148  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 71.2  | 57.6  | 86.4  |
| 167     | 37.3  | 31.0  | 46.4  |

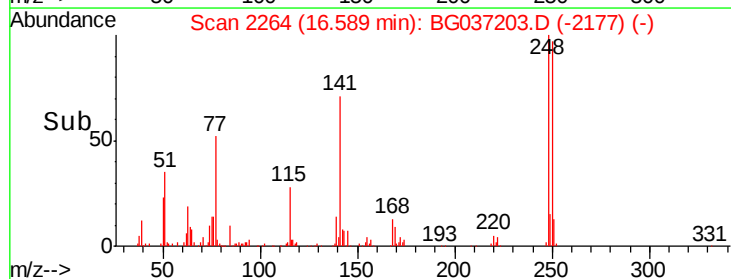
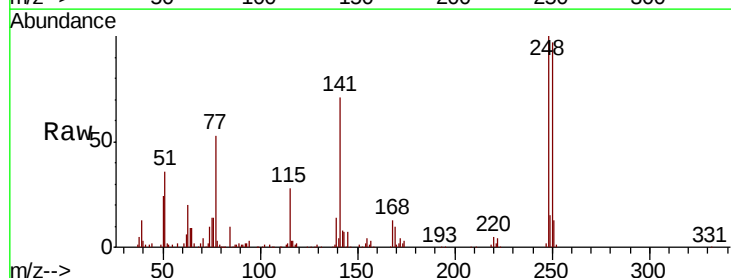
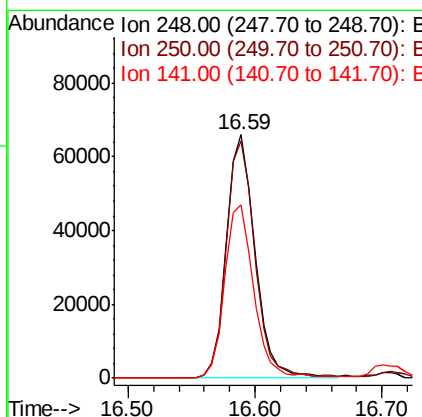
Manual Integrations  
 APPROVED

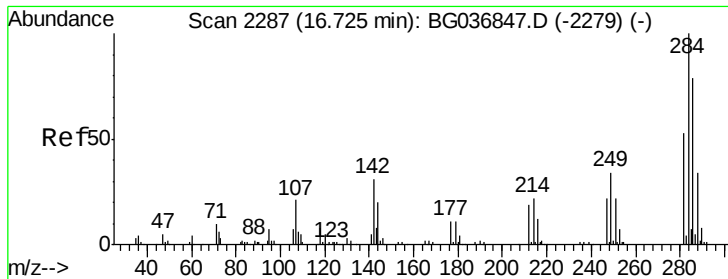
Sohil  
 10/8/2018 1:56:19 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 34.928 ng  
 RT: 16.59 min Scan# 2264  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.2  | 78.1  | 117.1 |
| 141     | 71.2  | 53.7  | 80.5  |





#67

Hexachlorobenzene

Concen: 34.599 ng

RT: 16.71 min Scan# 2284

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

Instrument :

BNA\_G

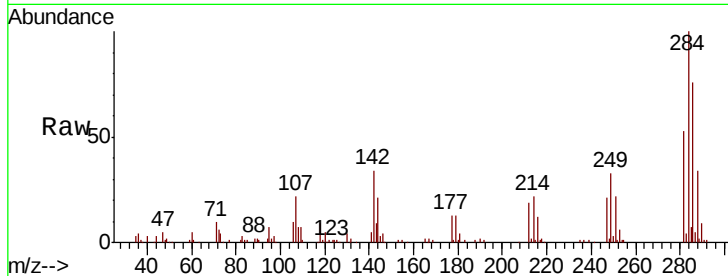
ClientSampleId :

PB113566BS

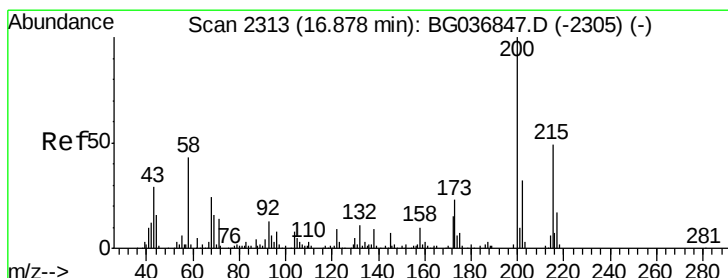
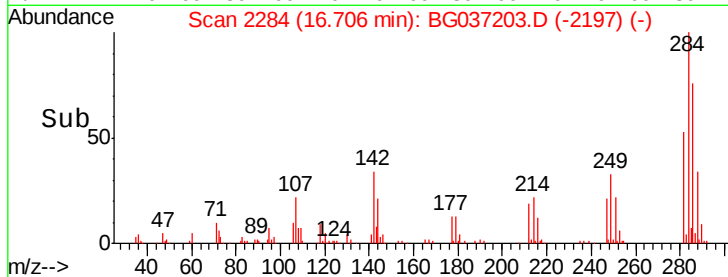
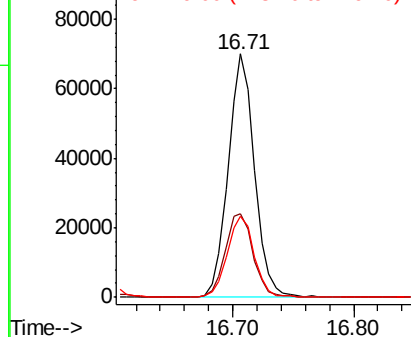
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 284   | Resp: | 105582 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 34.3  | 27.8  | 41.6   |
| 249       | 33.4  | 27.4  | 41.2   |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM



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: 39.788 ng

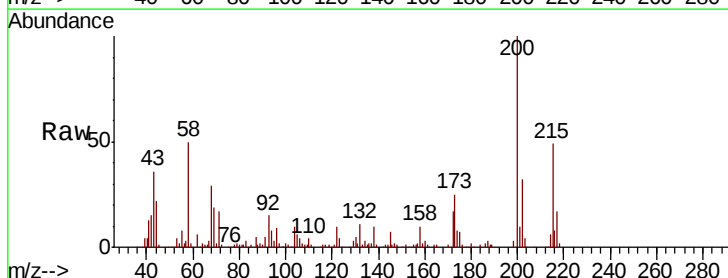
RT: 16.85 min Scan# 2309

Delta R.T. -0.02 min

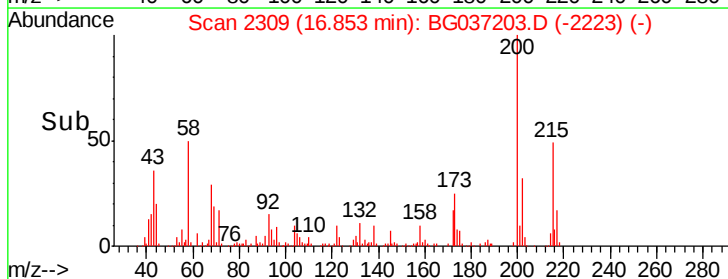
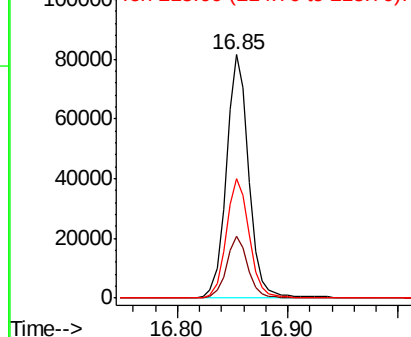
Lab File: BG037203.D

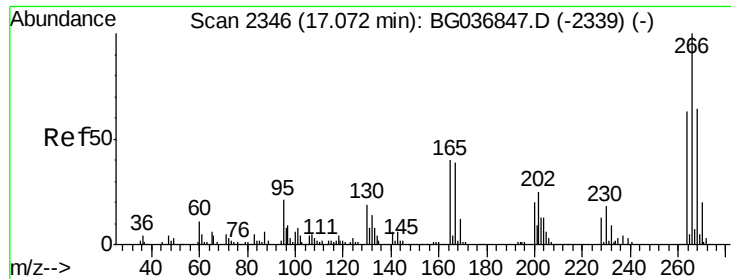
Acq: 6 Oct 2018 00:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 200   | Resp: | 115855 |
| Ion Ratio | Lower | Upper |        |
| 200       | 100   |       |        |
| 173       | 25.1  | 3.9   | 43.9   |
| 215       | 49.3  | 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





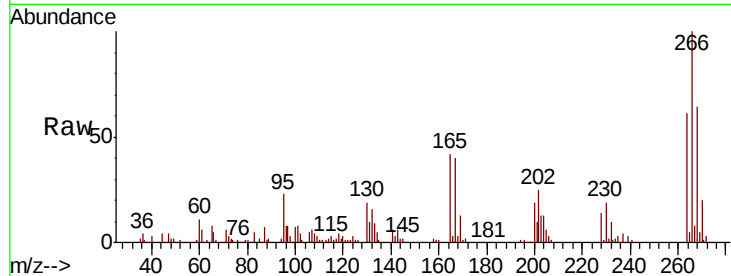
#69  
 Pentachlorophenol  
 Concen: 55.299 ng  
 RT: 17.05 min Scan# 2343  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.3  | 51.4  | 77.2  |
| 264     | 61.4  | 48.9  | 73.3  |

Manual Integrations  
 APPROVED

Sohil  
 10/8/2018 1:56:19 PM

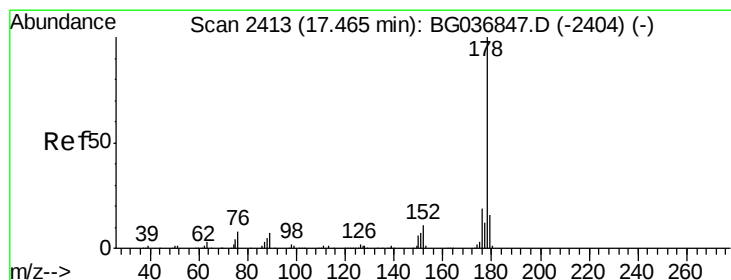
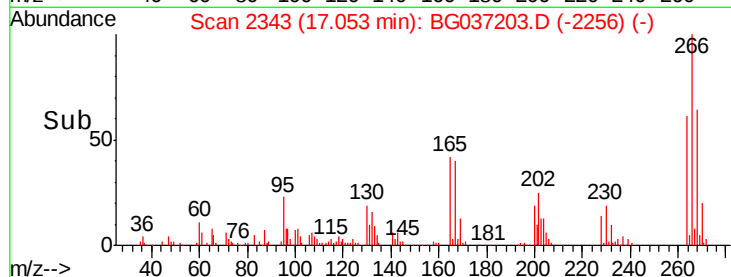
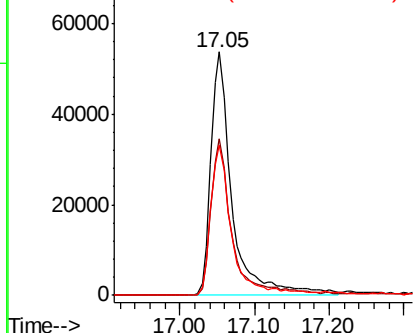


Abundance

Ion 265.70 (265.40 to 266.40): E

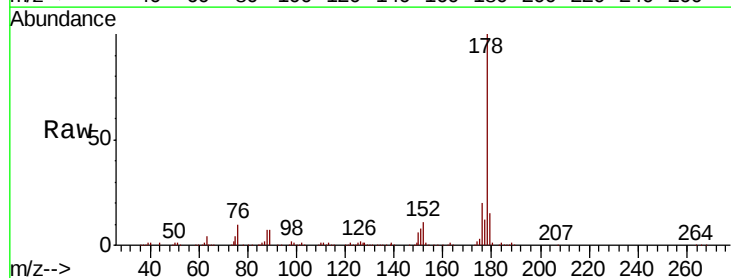
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70  
 Phenanthrene  
 Concen: 40.930 ng  
 RT: 17.45 min Scan# 2410  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 15.4  | 23.2  |
| 179     | 15.5  | 13.4  | 20.2  |

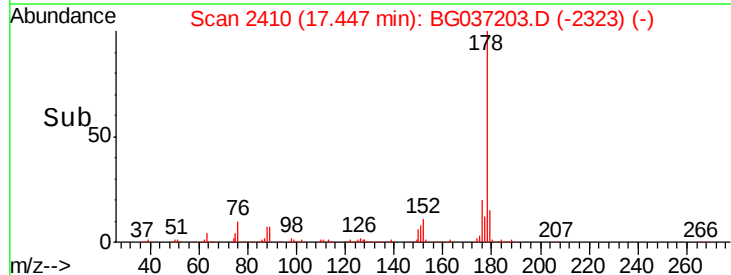
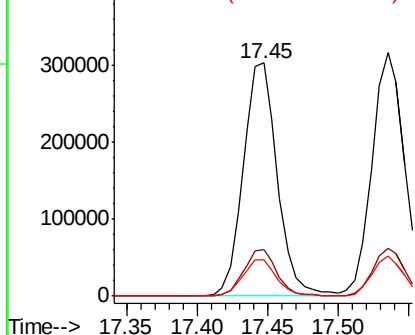


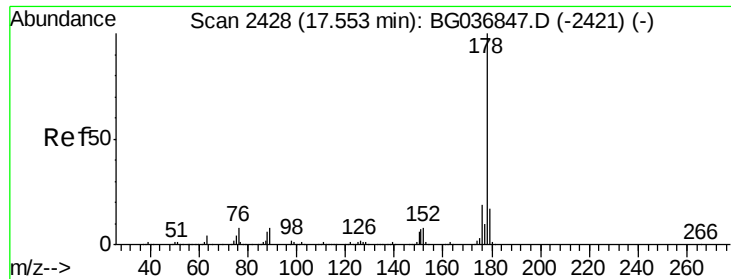
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





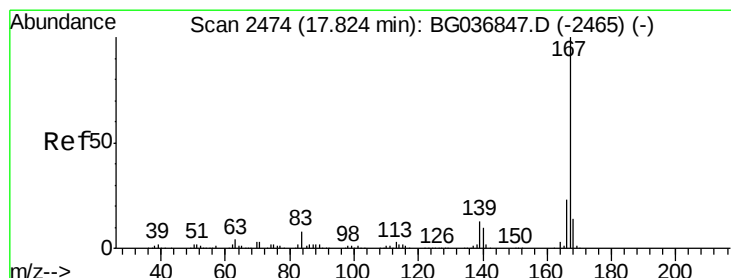
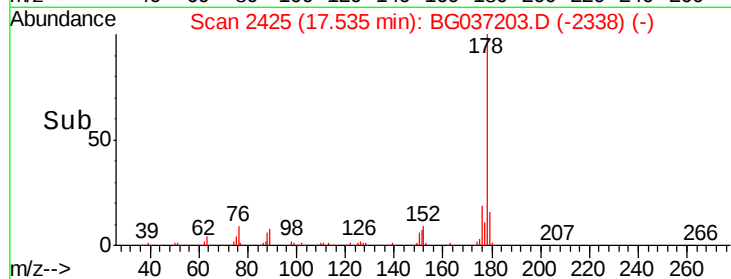
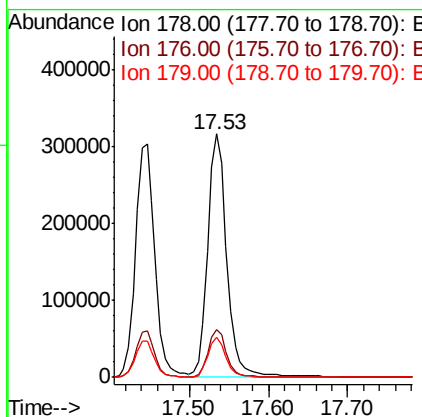
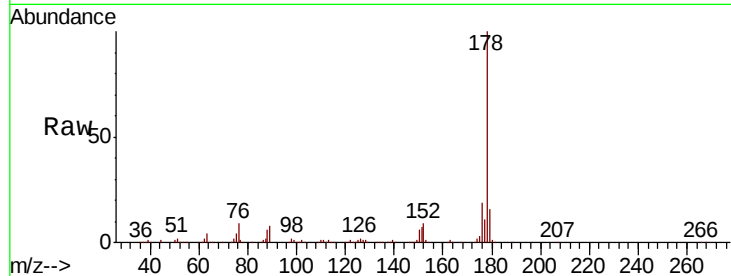
#71  
 Anthracene  
 Concen: 42.508 ng  
 RT: 17.53 min Scan# 2425  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113566BS

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

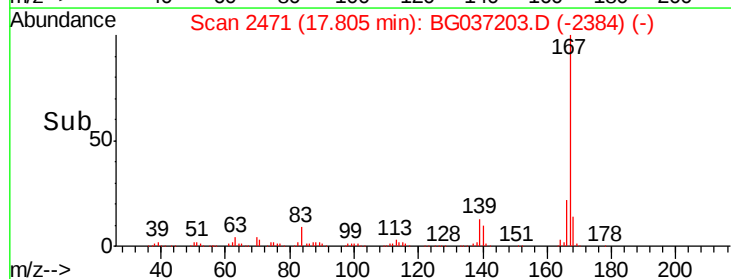
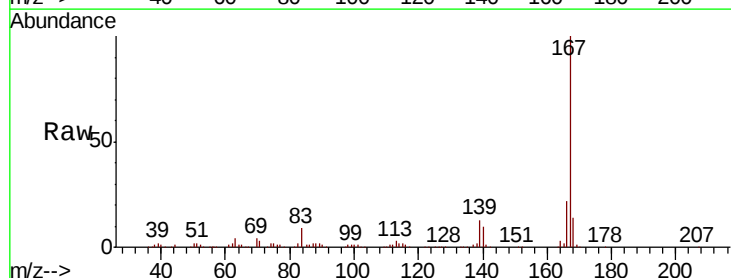
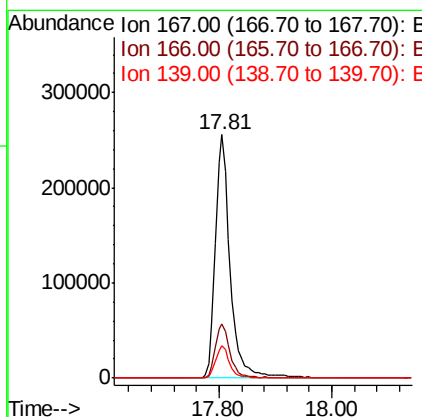
Manual Integrations  
 APPROVED

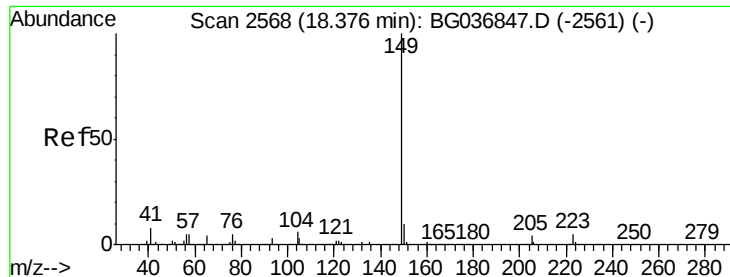
Sohil  
 10/8/2018 1:56:19 PM



#72  
 Carbazole  
 Concen: 38.719 ng  
 RT: 17.81 min Scan# 2471  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.5  | 19.5  | 29.3  |
| 139     | 13.4  | 10.7  | 16.1  |





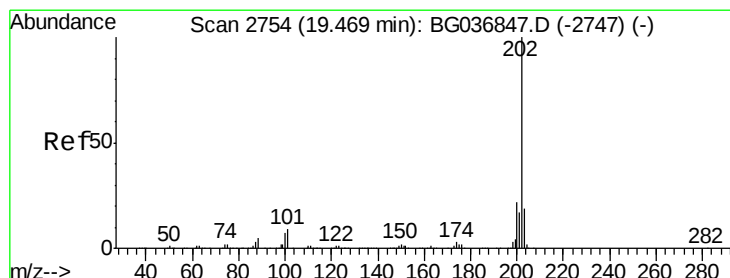
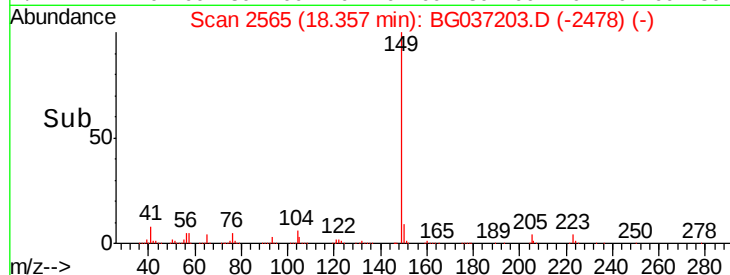
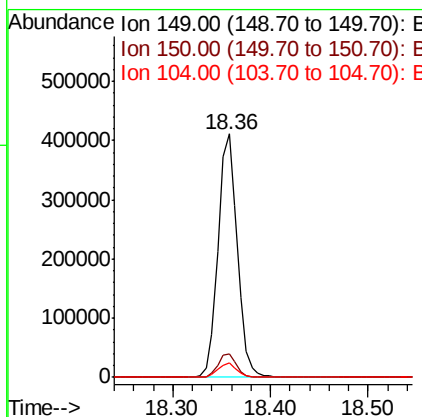
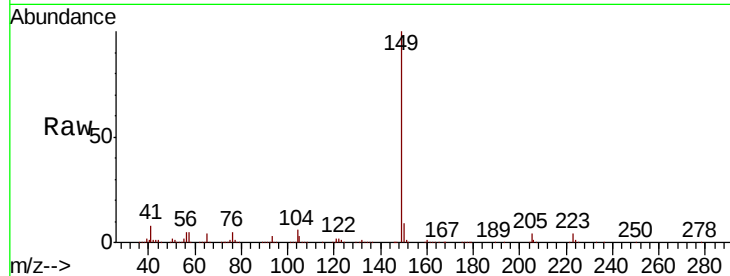
#73  
Di-n-butylphthalate  
Concen: 41.751 ng  
RT: 18.36 min Scan# 2565  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB113566BS

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

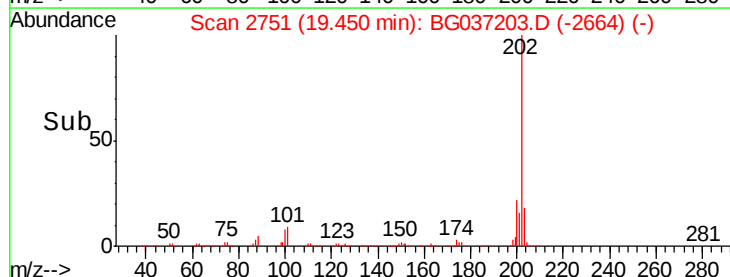
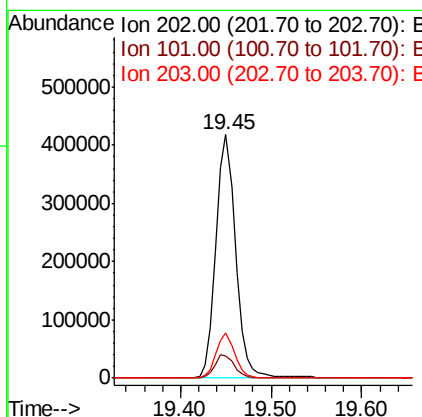
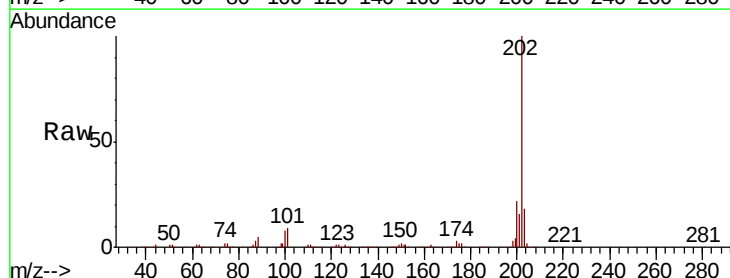
Manual Integrations  
APPROVED

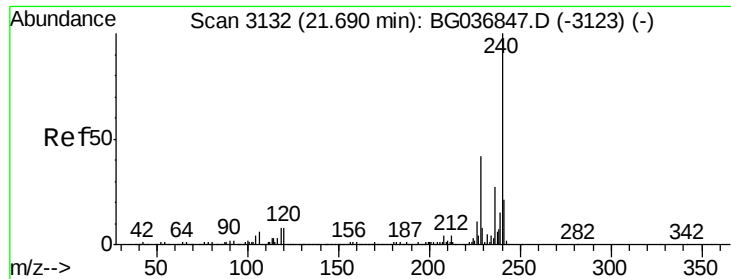
Sohil  
10/8/2018 1:56:19 PM



#74  
Fluoranthene  
Concen: 41.715 ng  
RT: 19.45 min Scan# 2751  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 202     | 100   |      |       |       |
| 101     | 9.4   | 0.0  | 29.4  |       |
| 203     | 18.4  | 0.0  | 38.9  |       |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3128

Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

Instrument :

BNA\_G

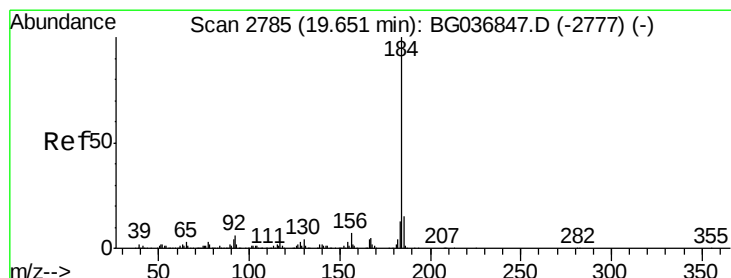
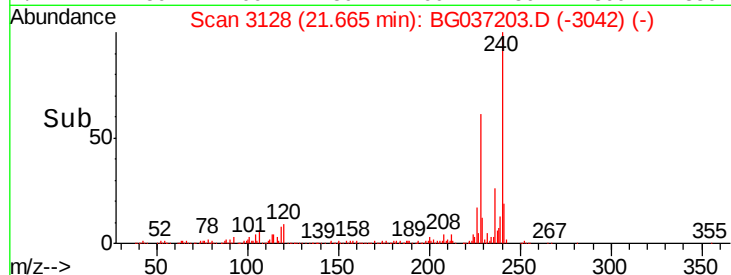
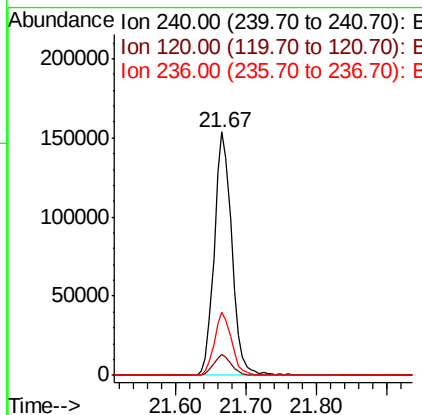
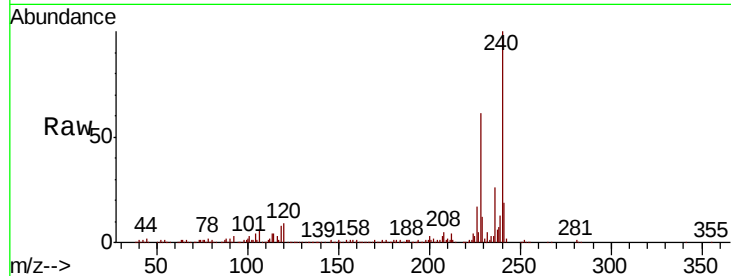
ClientSampleId :

PB113566BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 266130 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.7   | 6.9   | 10.3   |
| 236       | 26.0  | 21.2  | 31.8   |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM



#76

Benzidine

Concen: 30.806 ng

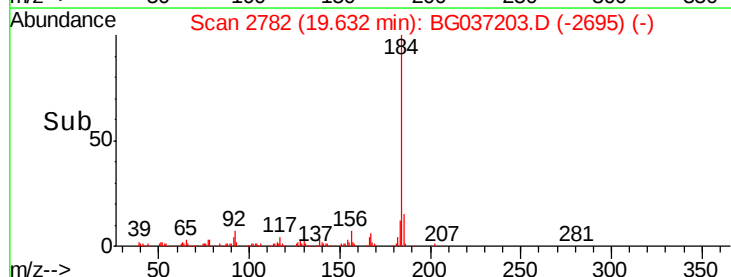
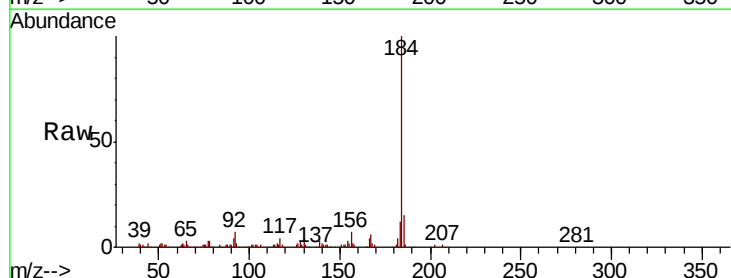
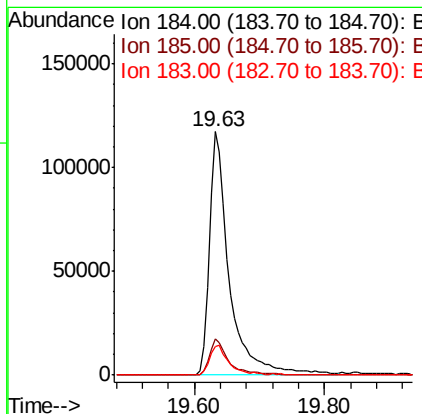
RT: 19.63 min Scan# 2782

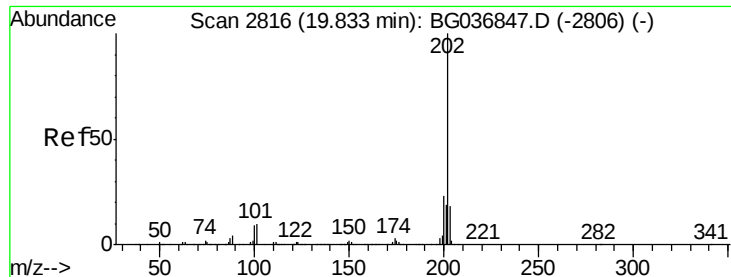
Delta R.T. -0.02 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 247838 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.7  | 12.6  | 18.8   |
| 183       | 11.9  | 10.9  | 16.3   |





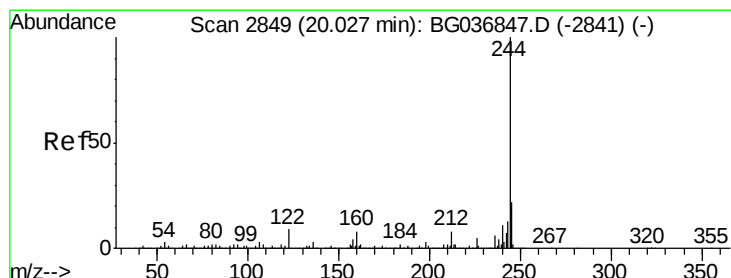
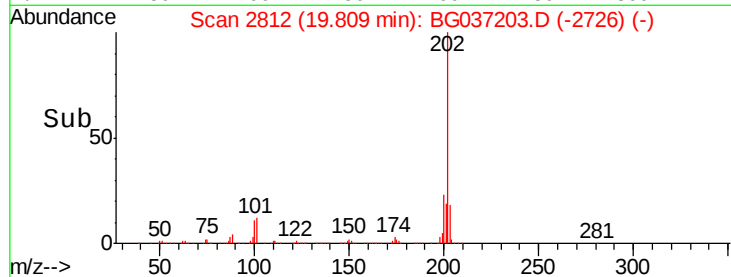
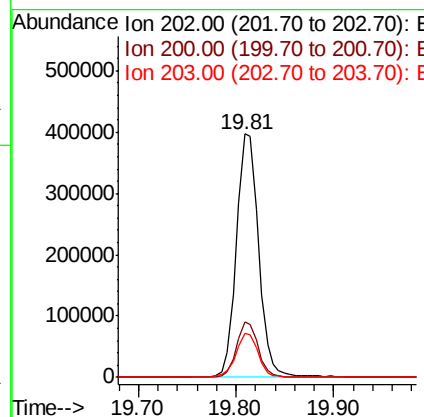
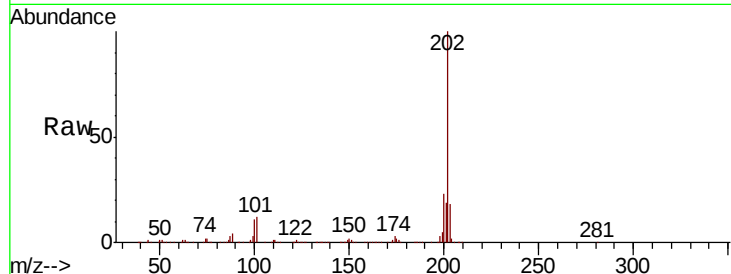
#77  
Pvrene  
Concen: 39.323 ng  
RT: 19.81 min Scan# 2812  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB113566BS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 202     | 100  |       | 627996 |       |       |
| 200     | 22.6 | 18.3  |        | 27.5  |       |
| 203     | 18.3 | 15.1  |        | 22.7  |       |

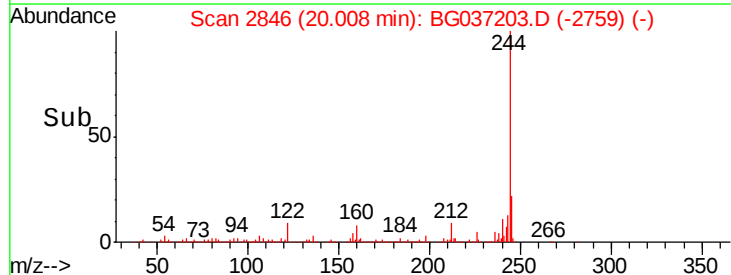
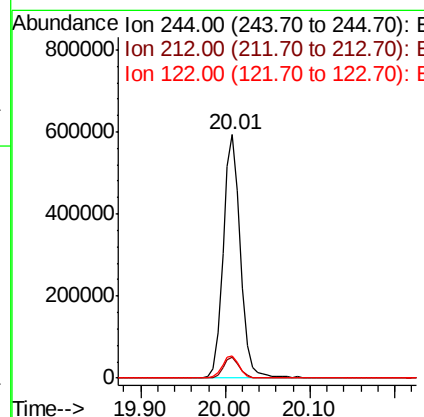
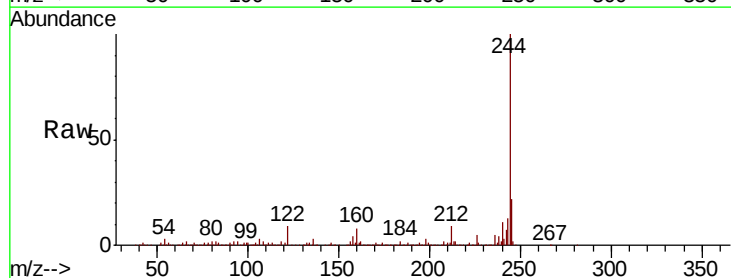
Manual Integrations  
APPROVED

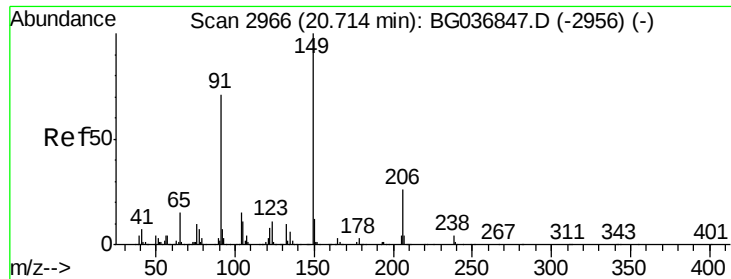
Sohil  
10/8/2018 1:56:19 PM



#78  
Terphenyl-d14  
Concen: 83.549 ng  
RT: 20.01 min Scan# 2846  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 244     | 100 |       | 845599 |       |       |
| 212     | 8.6 | 7.0   |        | 10.6  |       |
| 122     | 9.2 | 7.1   |        | 10.7  |       |





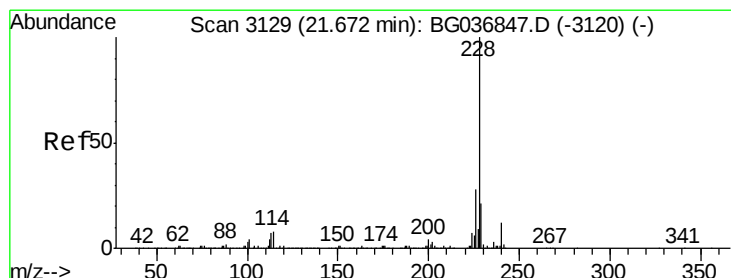
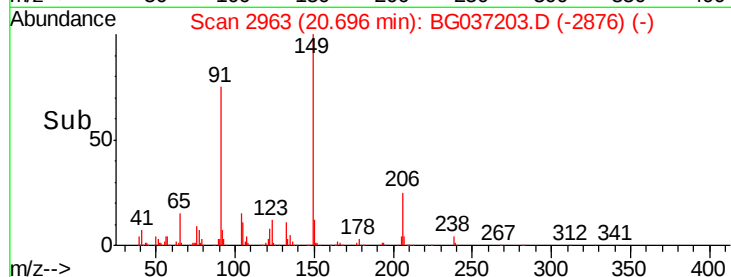
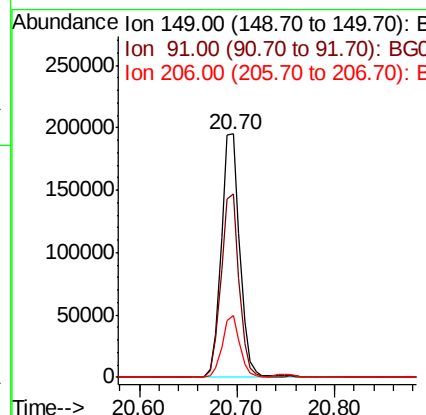
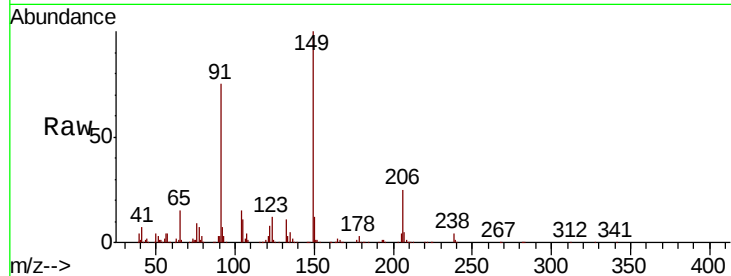
#79  
Butylbenzylphthalate  
Concen: 40.533 ng  
RT: 20.70 min Scan# 2963  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB113566BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 258017 |       |       |
| 91      | 75.1  | 62.0   | 93.0  |       |
| 206     | 25.2  | 19.6   | 29.4  |       |

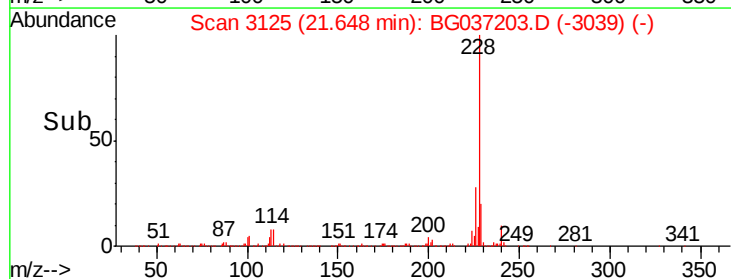
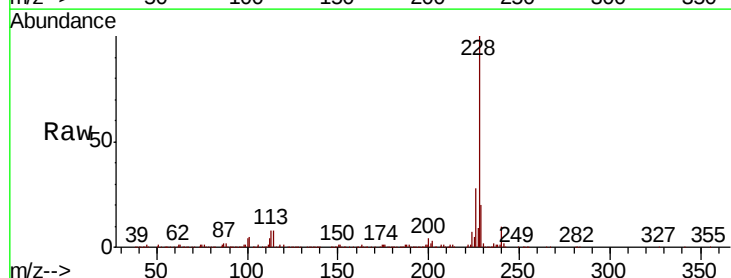
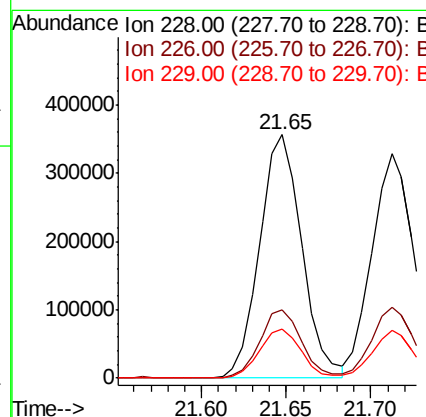
Manual Integrations  
APPROVED

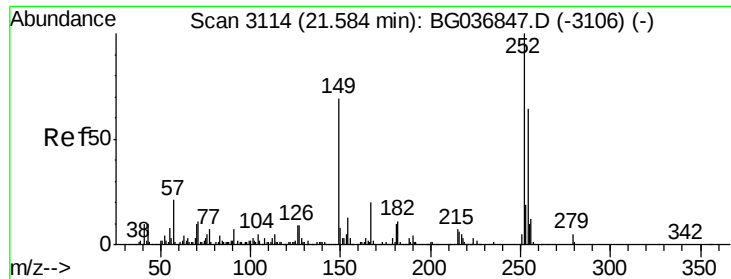
Sohil  
10/8/2018 1:56:19 PM



#80  
Benzo(a)anthracene  
Concen: 39.891 ng  
RT: 21.65 min Scan# 3125  
Delta R.T. -0.02 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 619722 |       |       |
| 226     | 28.0  | 23.4   | 35.2  |       |
| 229     | 20.2  | 17.1   | 25.7  |       |





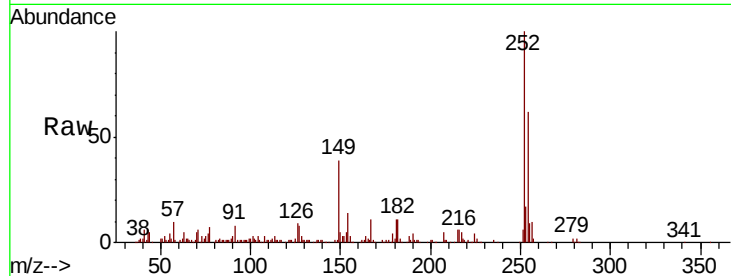
#81  
 3,3'-Dichlorobenzidine  
 Concen: 23.965 ng  
 RT: 21.57 min Scan# 3111  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 62.4  | 51.0  | 76.4  |
| 126     | 9.2   | 7.4   | 11.0  |

Manual Integrations  
 APPROVED

Sohil  
 10/8/2018 1:56:19 PM

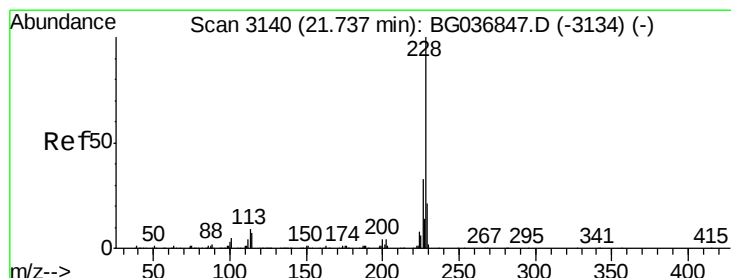
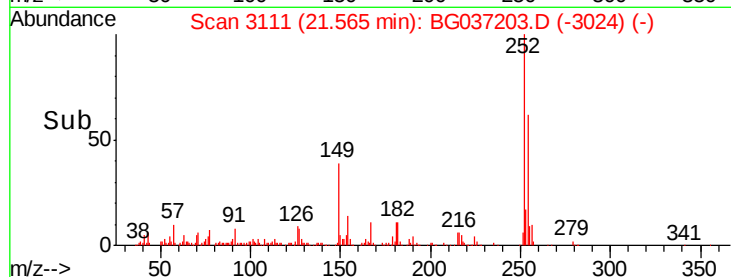
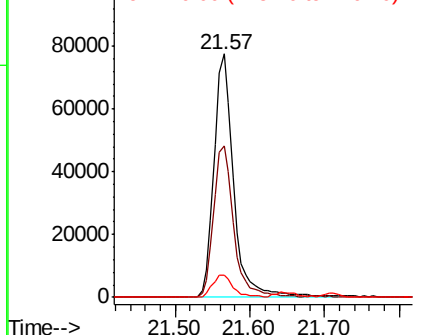


Abundance

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



#82  
 Chrysene  
 Concen: 38.724 ng  
 RT: 21.71 min Scan# 3136  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

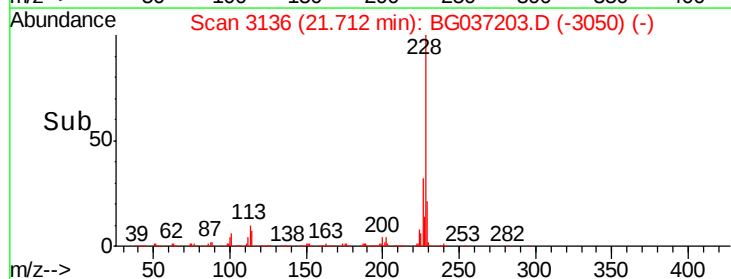
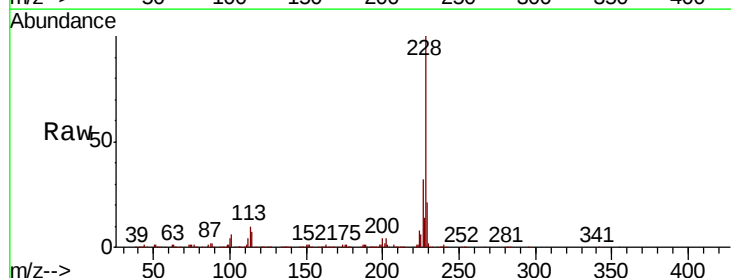
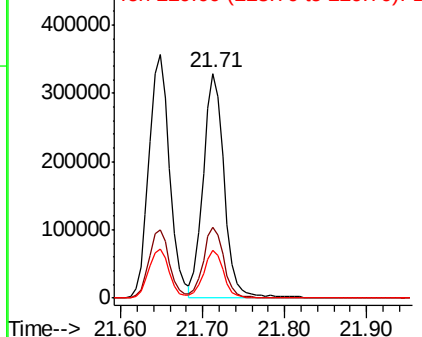
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.7  | 25.5  | 38.3  |
| 229     | 21.2  | 16.9  | 25.3  |

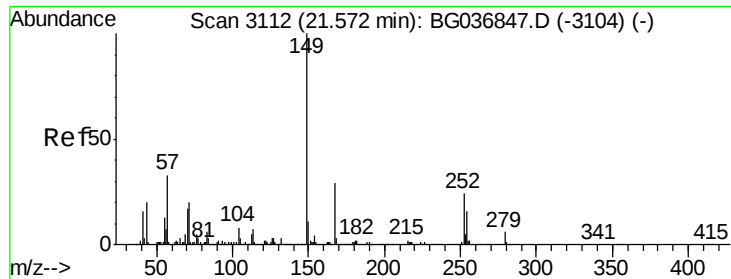
Abundance

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





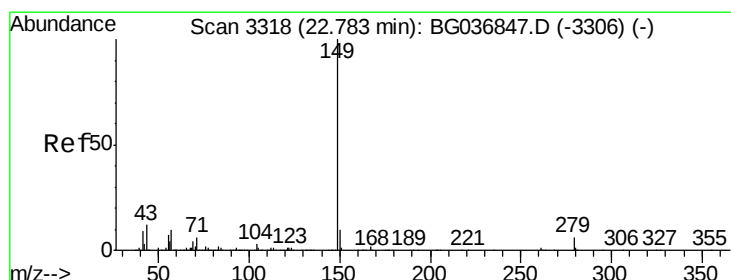
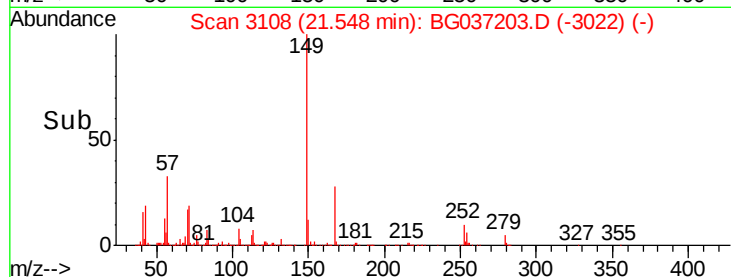
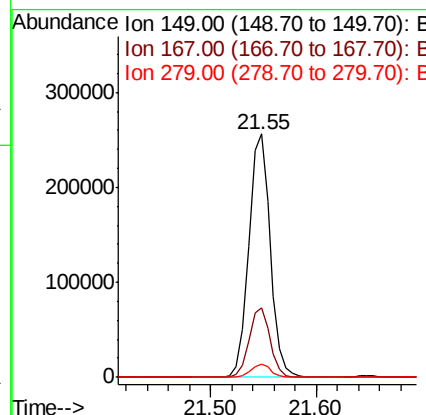
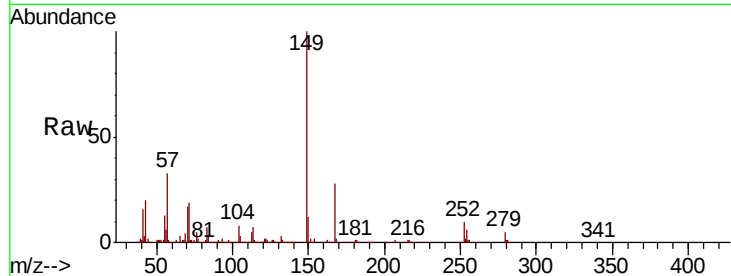
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 40.342 ng  
 RT: 21.55 min Scan# 3108  
 Delta R.T. -0.02 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.3  | 23.4  | 35.0  |
| 279     | 5.4   | 4.6   | 7.0   |

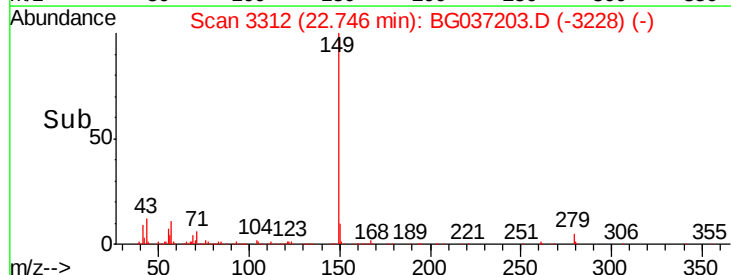
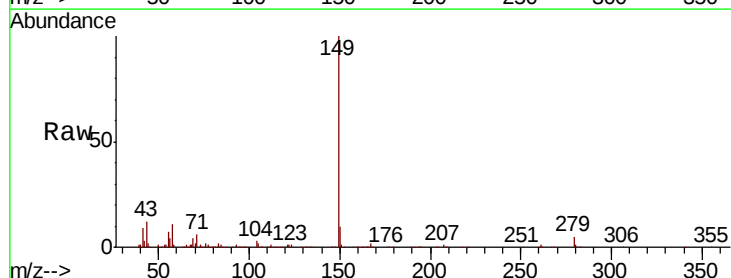
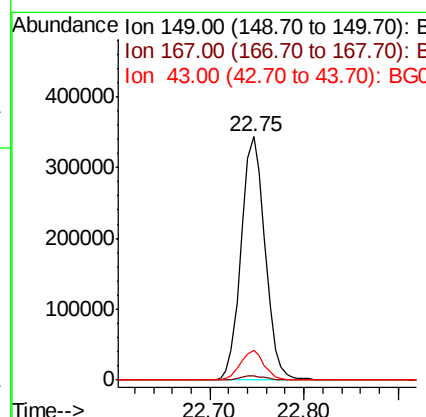
Manual Integrations  
 APPROVED

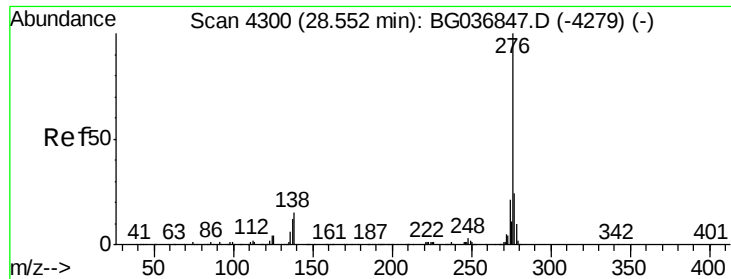
Sohil  
 10/8/2018 1:56:19 PM



#84  
 Di-n-octyl phthalate  
 Concen: 41.522 ng  
 RT: 22.75 min Scan# 3312  
 Delta R.T. -0.04 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 11.8  | 10.0  | 15.0  |





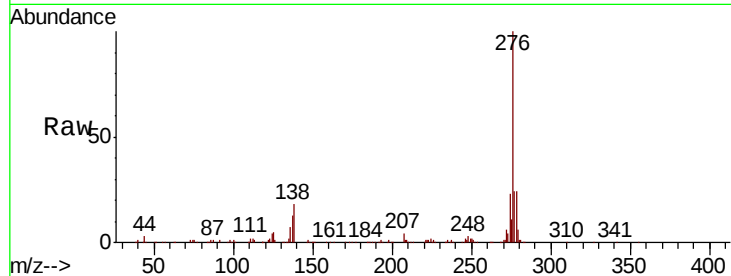
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 41.404 ng  
 RT: 28.50 min Scan# 4291  
 Delta R.T. -0.05 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 21.1  | 10.6  | 15.8# |
| 277     | 25.1  | 20.6  | 30.8  |

Manual Integrations  
 APPROVED

Sohil  
 10/8/2018 1:56:19 PM

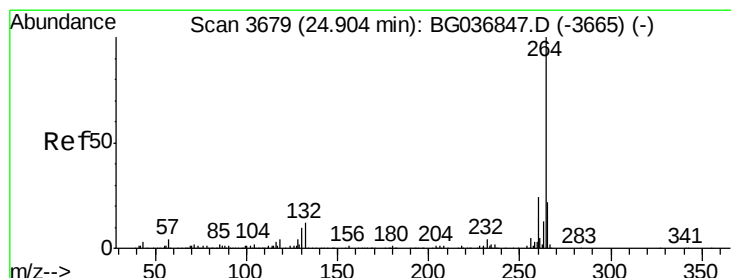
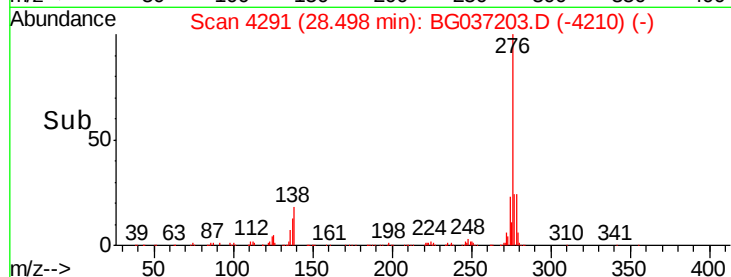
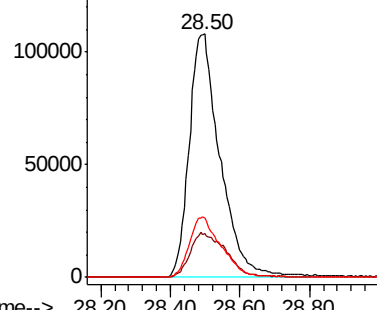


Abundance

Ion 276.00 (275.70 to 276.70): E

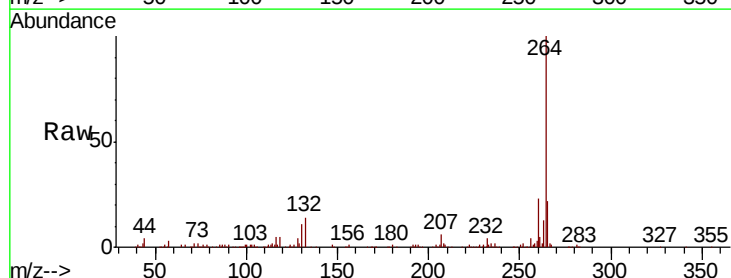
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.86 min Scan# 3671  
 Delta R.T. -0.05 min  
 Lab File: BG037203.D  
 Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.2  | 19.6  | 29.4  |
| 265     | 22.0  | 17.4  | 26.0  |

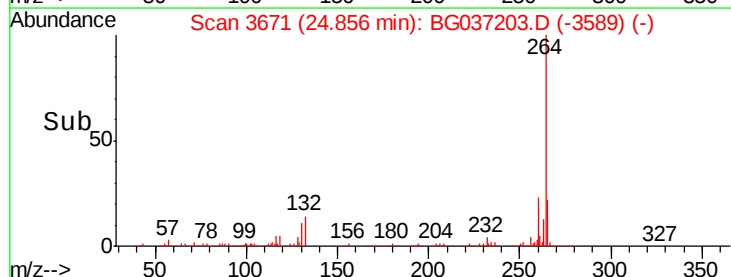
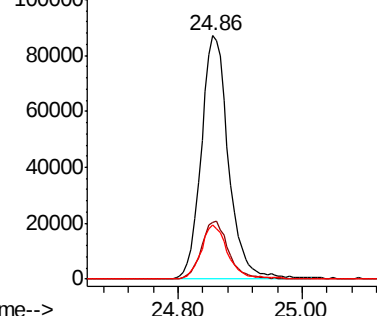


Abundance

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: 41.363 ng

RT: 23.85 min Scan# 3499

Delta R.T. -0.04 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

Instrument :

BNA\_G

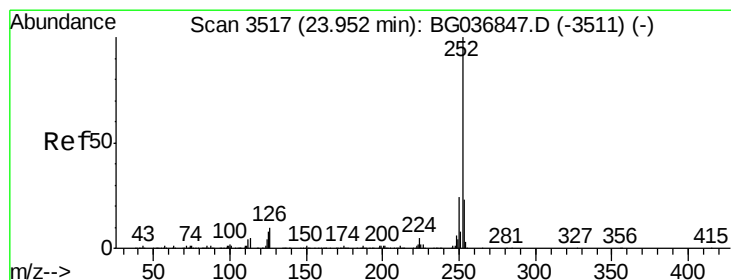
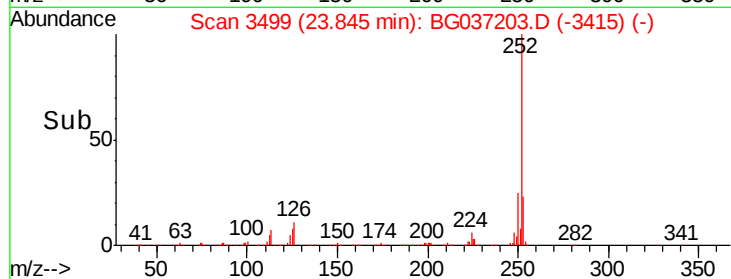
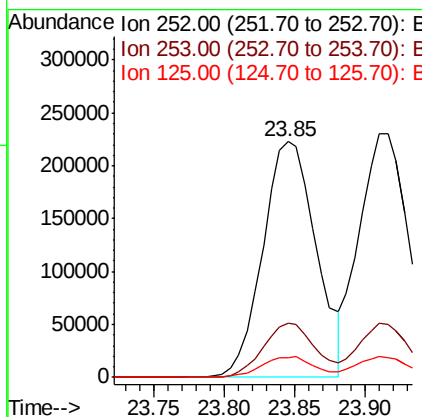
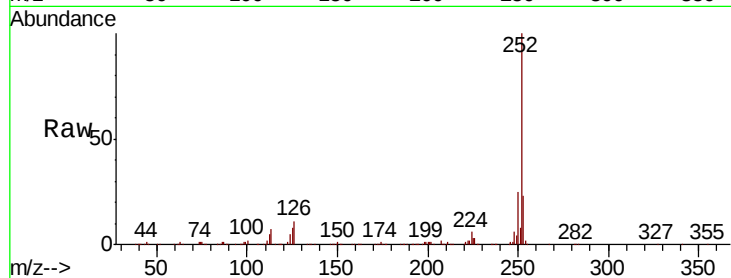
ClientSampleId :

PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.8  | 17.1  | 25.7  |
| 125     | 8.1   | 6.6   | 10.0  |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM



#88

Benzo(k)fluoranthene

Concen: 40.960 ng

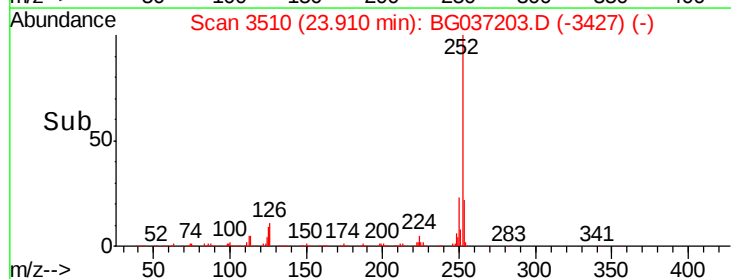
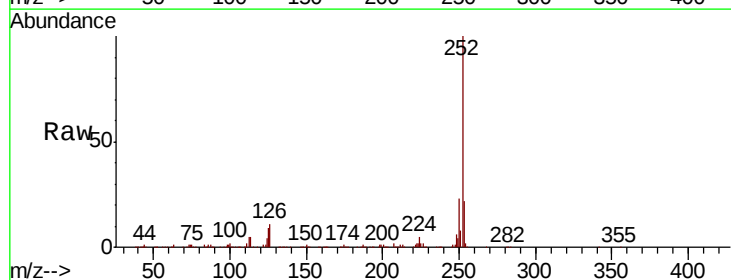
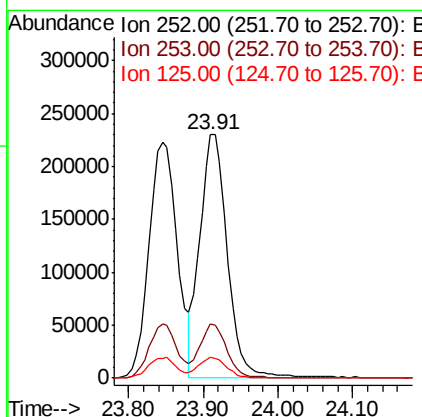
RT: 23.91 min Scan# 3510

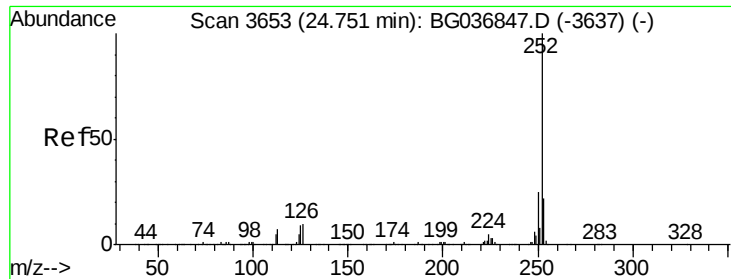
Delta R.T. -0.04 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.2  | 18.0  | 27.0  |
| 125     | 8.6   | 7.0   | 10.6  |





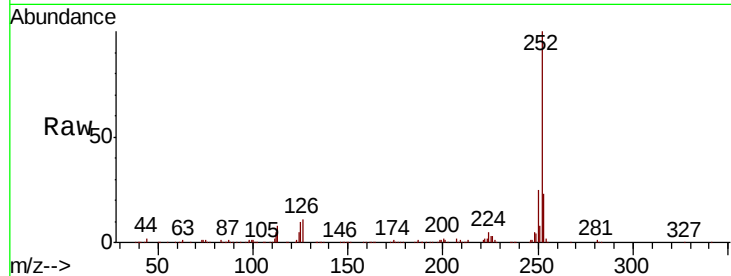
#89  
Benzo(a)pyrene  
Concen: 42.606 ng  
RT: 24.71 min Scan# 3646  
Delta R.T. -0.04 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

Instrument :  
BNA\_G  
ClientSampleId :  
PB113566BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.2  | 27.2  |
| 125     | 9.6   | 7.3   | 10.9  |

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM

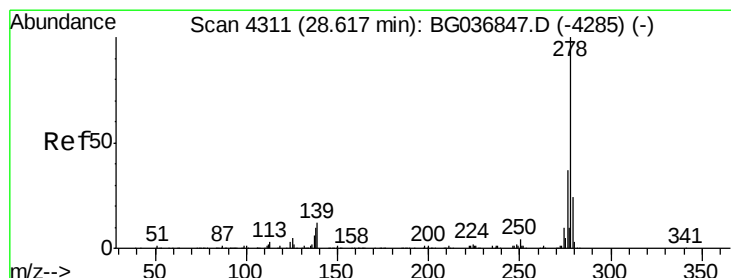
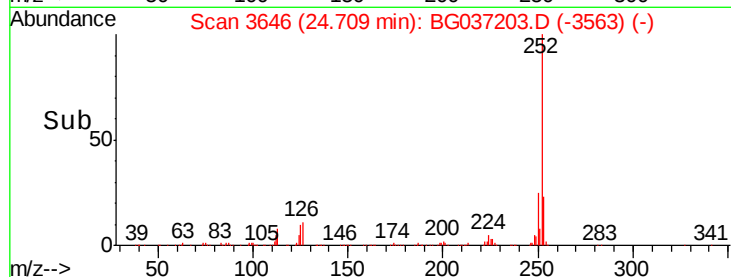
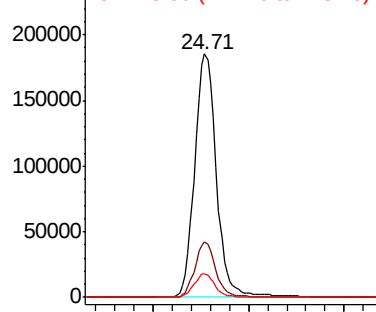


Abundance

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: 42.046 ng  
RT: 28.55 min Scan# 4300  
Delta R.T. -0.07 min  
Lab File: BG037203.D  
Acq: 6 Oct 2018 00:15

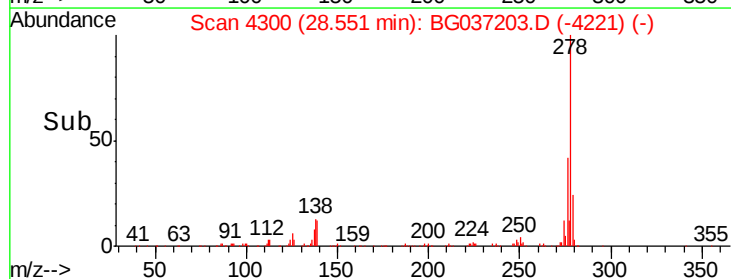
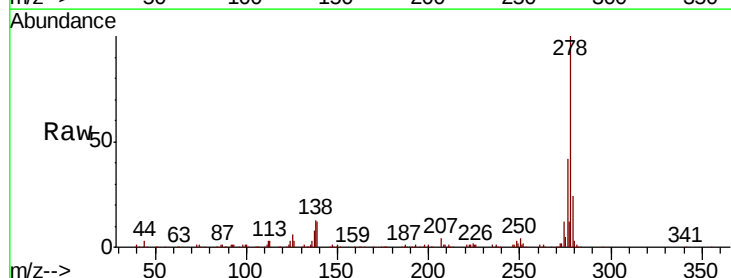
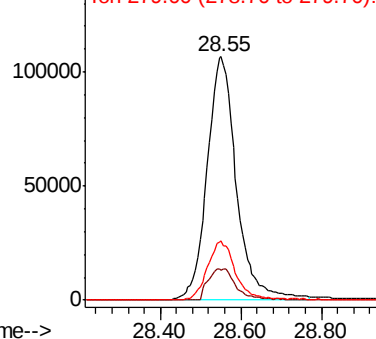
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 12.3  | 11.0  | 16.4  |
| 279     | 24.3  | 18.7  | 28.1  |

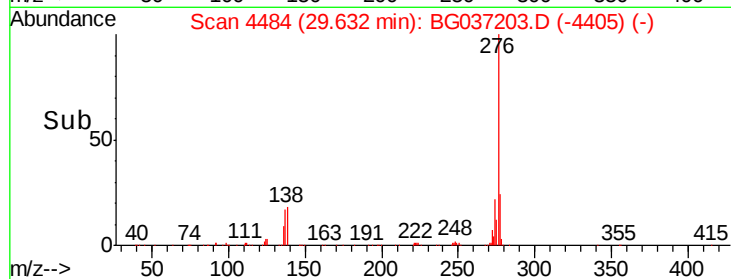
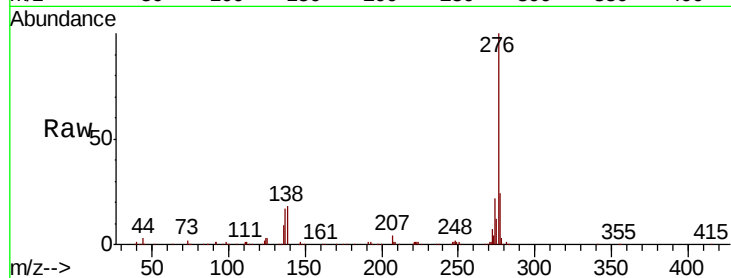
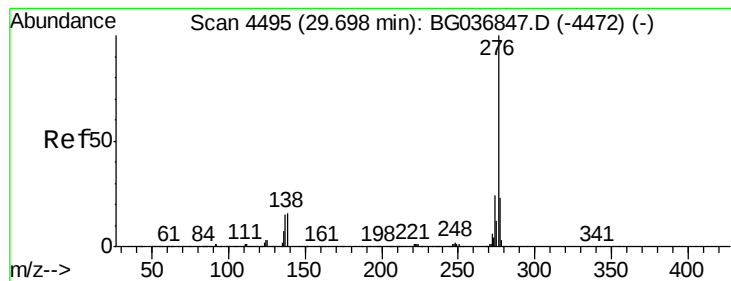
Abundance

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: 42.015 ng

RT: 29.63 min Scan# 4484

Delta R.T. -0.07 min

Lab File: BG037203.D

Acq: 6 Oct 2018 00:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 542936 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.0  | 18.4  | 27.6   |
| 138       | 17.5  | 14.6  | 22.0   |

Instrument :

BNA\_G

ClientSampleId :

PB113566BS

Manual Integrations  
APPROVED

Sohil  
10/8/2018 1:56:19 PM

