

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100118\  
 Data File : BG037089.D  
 Acq On : 1 Oct 2018 23:30  
 Operator : JU/SJ  
 Sample : PB113393BSD  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113393BSD

Manual Integrations  
 APPROVED

Sohil  
 10/2/2018 5:28:58 PM

Quant Time: Oct 02 17:18:05 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 24 10:41:23 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 45529    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.84 | 136  | 193889   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.67 | 164  | 123719   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.41 | 188  | 314667   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.68 | 240  | 316519   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 24.87 | 264  | 326400   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 300930  | 126.76 | ng | 0.00  |
| 7) Phenol-d6             | 7.20  | 99  | 422803  | 115.11 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 9.20  | 82  | 272333  | 75.22  | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 16.15 | 330 | 167153  | 112.92 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 13.29 | 172 | 593426  | 71.44  | ng | -0.01 |
| 78) Terphenyl-d14        | 20.01 | 244 | 1001088 | 83.17  | ng | -0.01 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.52  | 88  | 44673  | 41.123 | ng | 97     |
| 3) Pyridine                    | 3.92  | 79  | 117063 | 37.321 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 61608  | 44.192 | ng | # 91   |
| 6) Aniline                     | 7.36  | 93  | 64296  | 13.491 | ng | 95     |
| 8) 2-Chlorophenol              | 7.61  | 128 | 119110 | 43.210 | ng | 96     |
| 9) Benzaldehyde                | 7.18  | 77  | 68019  | 28.025 | ng | 97     |
| 10) Phenol                     | 7.23  | 94  | 164860 | 43.490 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93  | 125484 | 35.786 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.93  | 146 | 129179 | 38.224 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 131335 | 37.975 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.39  | 146 | 130812 | 39.031 | ng | 96     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 109087 | 36.602 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 248348 | 36.891 | ng | 96     |
| 17) 2-Methylphenol             | 8.48  | 107 | 105797 | 40.067 | ng | 96     |
| 18) Hexachloroethane           | 9.12  | 117 | 52027  | 40.879 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.84  | 70  | 104584 | 34.227 | ng | 92     |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 141362 | 38.482 | ng | 98     |
| 22) Acetophenone               | 8.86  | 105 | 188400 | 41.349 | ng | # 99   |
| 24) Nitrobenzene               | 9.24  | 77  | 155504 | 40.218 | ng | 95     |
| 25) Isophorone                 | 9.76  | 82  | 291995 | 44.137 | ng | 99     |
| 26) 2-Nitrophenol              | 9.96  | 139 | 65207  | 42.310 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 10.01 | 122 | 112690 | 46.941 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93  | 167510 | 41.034 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 122378 | 43.974 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.71 | 180 | 135848 | 39.007 | ng | 99     |
| 31) Naphthalene                | 10.89 | 128 | 387636 | 42.018 | ng | 100    |
| 32) Benzoic acid               | 10.14 | 122 | 31944m | 21.081 | ng |        |
| 33) 4-Chloroaniline            | 11.01 | 127 | 36896  | 8.796  | ng | 98     |
| 34) Hexachlorobutadiene        | 11.17 | 225 | 90605  | 37.620 | ng | 99     |
| 35) Caprolactam                | 11.78 | 113 | 45675  | 39.876 | ng | 94     |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 141865 | 42.723 | ng | 100    |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 296446 | 42.191 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 165362 | 38.322 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.83 | 237 | 192151 | 86.583 | ng | 99     |

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Instrument :  
 BNA\_G  
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 PB113393BSD

Manual Integrations  
 APPROVED

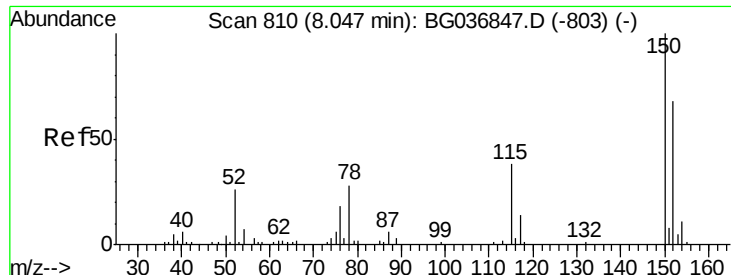
Sohil  
 10/2/2018 5:28:58 PM

Quant Time: Oct 02 17:18:05 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Sep 24 10:41:23 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.10 | 196  | 101850   | 42.505 | ng    | 95       |
| 43) 2,4,5-Trichlorophenol      | 13.18 | 196  | 111199   | 43.521 | ng    | 99       |
| 45) 1,1'-Biphenyl              | 13.50 | 154  | 382375   | 40.356 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 13.54 | 162  | 291715   | 39.149 | ng    | 98       |
| 47) 2-Nitroaniline             | 13.75 | 65   | 106350   | 41.264 | ng    | 99       |
| 48) Acenaphthylene             | 14.39 | 152  | 509751   | 43.657 | ng    | 99       |
| 49) Dimethylphthalate          | 14.12 | 163  | 395102   | 39.675 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.24 | 165  | 88009    | 40.505 | ng    | 98       |
| 51) Acenaphthene               | 14.73 | 154  | 285813   | 40.501 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.57 | 138  | 32676    | 14.272 | ng    | # 97     |
| 53) 2,4-Dinitrophenol          | 14.79 | 184  | 37031m   | 40.539 | ng    |          |
| 54) Dibenzofuran               | 15.06 | 168  | 479153   | 40.141 | ng    | 99       |
| 55) 4-Nitrophenol              | 14.88 | 139  | 120181   | 82.165 | ng    | 97       |
| 56) 2,4-Dinitrotoluene         | 15.03 | 165  | 128317   | 42.323 | ng    | 89       |
| 57) Fluorene                   | 15.71 | 166  | 385714   | 43.233 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 112926   | 43.568 | ng    | 97       |
| 59) Diethylphthalate           | 15.48 | 149  | 401689   | 39.992 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.70 | 204  | 212617   | 37.631 | ng    | 99       |
| 61) 4-Nitroaniline             | 15.74 | 138  | 93029    | 38.628 | ng    | 92       |
| 62) Azobenzene                 | 16.00 | 77   | 407103   | 42.182 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.79 | 198  | 45470    | 27.639 | ng    | 97       |
| 65) n-Nitrosodiphenylamine     | 15.92 | 169  | 350539   | 40.352 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.60 | 248  | 136618   | 38.170 | ng    | 96       |
| 67) Hexachlorobenzene          | 16.71 | 284  | 138880   | 37.675 | ng    | 99       |
| 68) Atrazine                   | 16.87 | 200  | 145450   | 41.351 | ng    | 99       |
| 69) Pentachlorophenol          | 17.06 | 266  | 135663   | 58.453 | ng    | 98       |
| 70) Phenanthrene               | 17.45 | 178  | 653432   | 43.092 | ng    | 99       |
| 71) Anthracene                 | 17.54 | 178  | 669460   | 44.649 | ng    | 98       |
| 72) Carbazole                  | 17.82 | 167  | 585088   | 40.022 | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.36 | 149  | 687971   | 42.376 | ng    | 100      |
| 74) Fluoranthene               | 19.46 | 202  | 793110   | 43.452 | ng    | 99       |
| 76) Benzidine                  | 19.64 | 184  | 155054   | 16.205 | ng    | 99       |
| 77) Pyrene                     | 19.82 | 202  | 786719   | 41.420 | ng    | 100      |
| 79) Butylbenzylphthalate       | 20.70 | 149  | 318746   | 42.102 | ng    | 96       |
| 80) Benzo(a)anthracene         | 21.65 | 228  | 771096   | 41.733 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.57 | 252  | 122834   | 17.466 | ng    | 100      |
| 82) Chrysene                   | 21.72 | 228  | 742879   | 41.613 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 445251   | 42.099 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.76 | 149  | 754277   | 43.316 | ng    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.52 | 276  | 844542   | 44.054 | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 23.86 | 252  | 764646   | 43.959 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 23.93 | 252  | 730990   | 41.887 | ng    | 99       |
| 89) Benzo(a)pyrene             | 24.73 | 252  | 735487   | 43.735 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 28.58 | 278  | 670130   | 42.519 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 29.67 | 276  | 689844   | 43.612 | ng    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.04 min Scan# 809

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA\_G

ClientSampleId :

PB113393BSD

Tot Ion:152 Resp: 45529

Ion Ratio Lower Upper

152 100

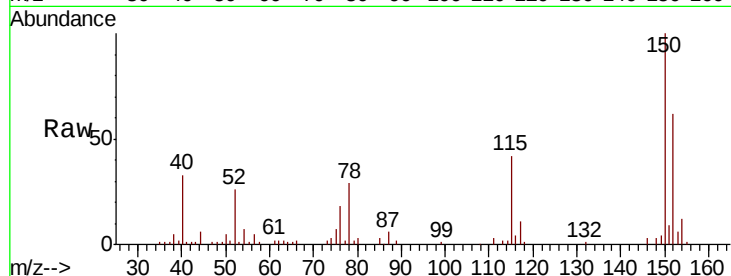
150 161.2 119.5 179.3

115 67.9 44.5 66.7#

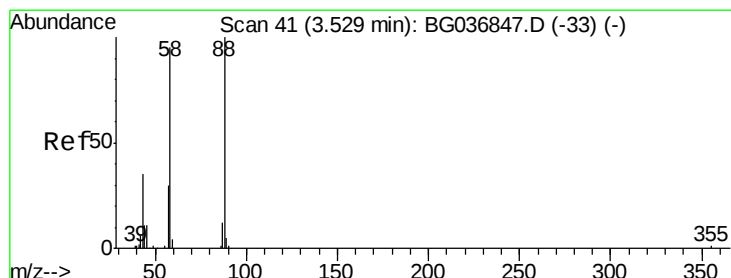
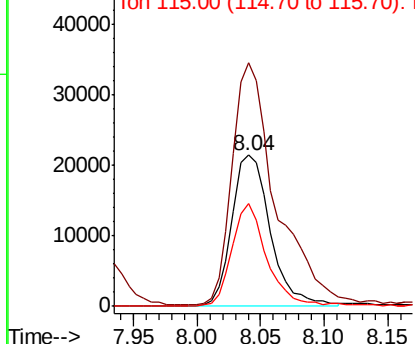
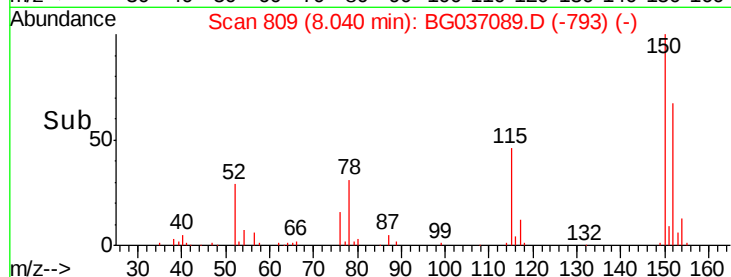
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Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 41.123 ng

RT: 3.52 min Scan# 39

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

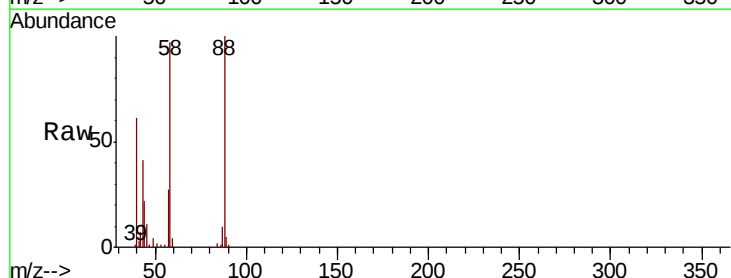
Tgt Ion: 88 Resp: 44673

Ion Ratio Lower Upper

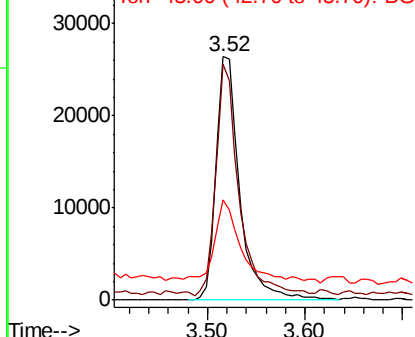
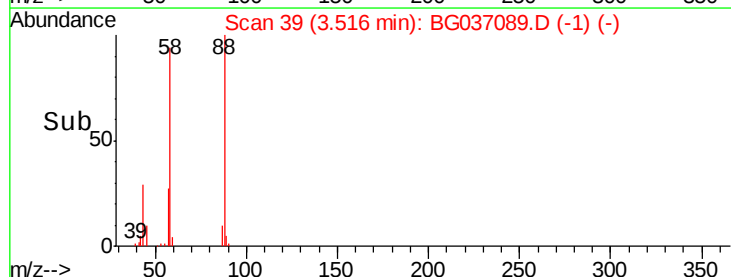
88 100

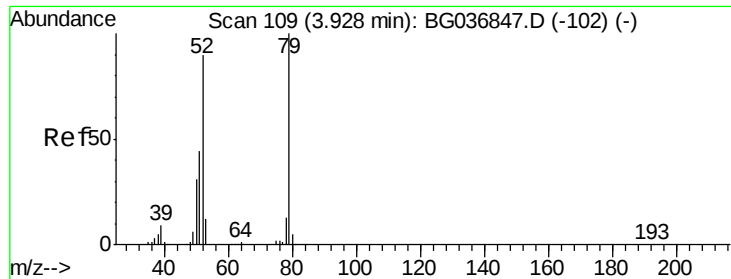
58 92.5 72.6 109.0

43 33.0 29.0 43.4



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





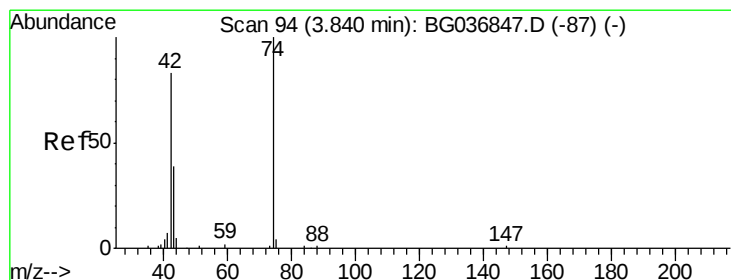
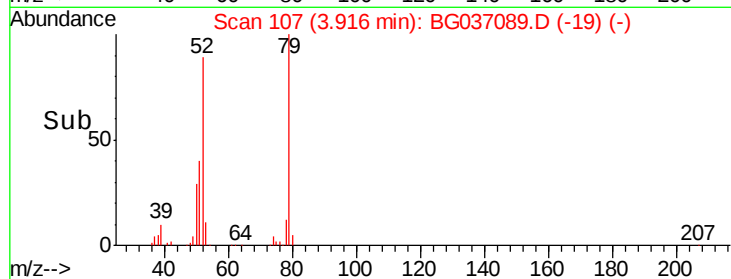
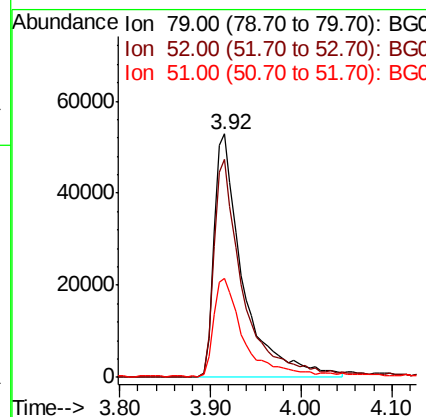
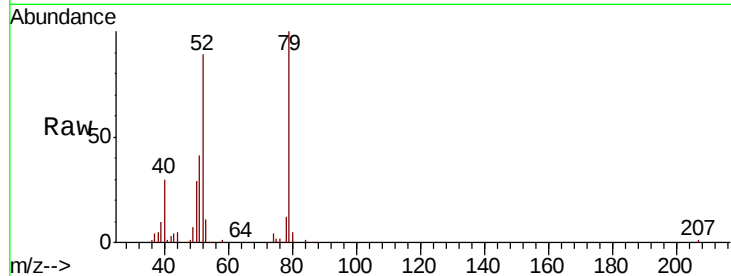
#3  
 Pvridine  
 Concen: 37.321 ng  
 RT: 3.92 min Scan# 107  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113393BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 89.4  | 72.3  | 108.5 |
| 51      | 40.8  | 33.8  | 50.6  |

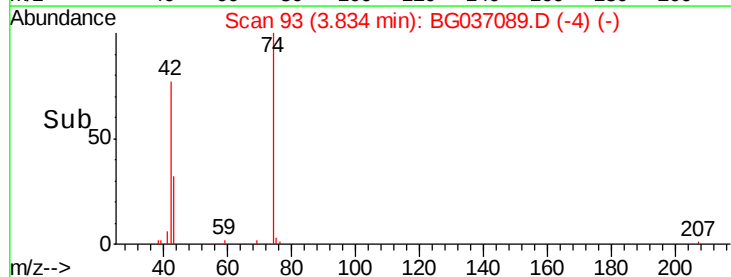
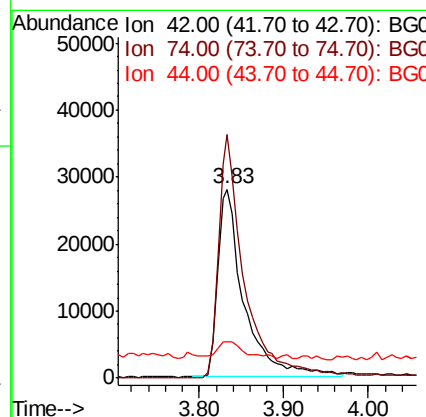
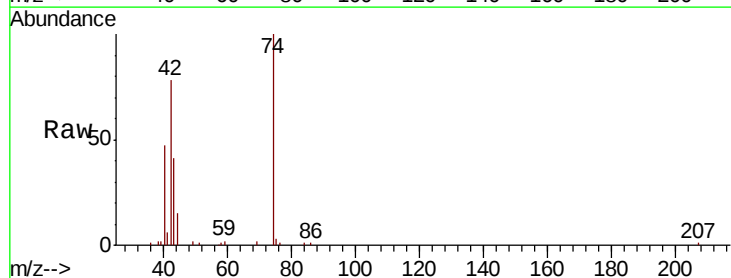
Manual Integrations  
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#4  
 n-Nitrosodimethylamine  
 Concen: 44.192 ng  
 RT: 3.83 min Scan# 93  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 128.8 | 96.6  | 145.0 |
| 44      | 19.2  | 7.0   | 10.4  |





#5

2-Fluorophenol

Concen: 126.758 ng

RT: 5.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA\_G

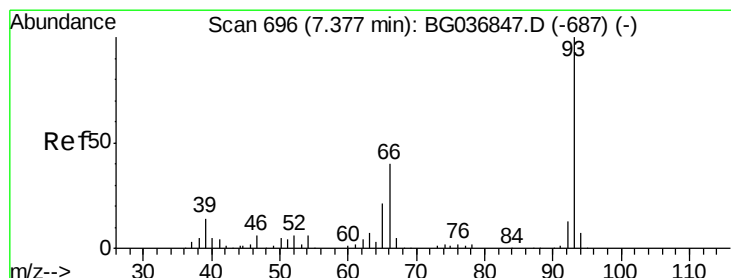
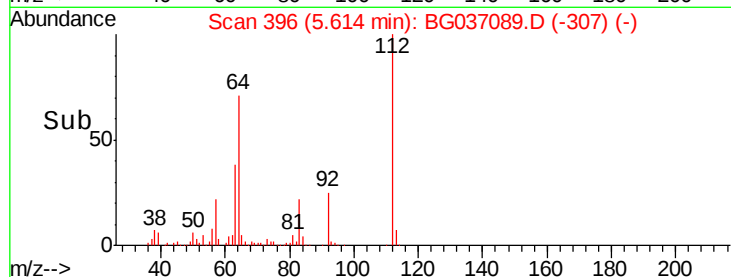
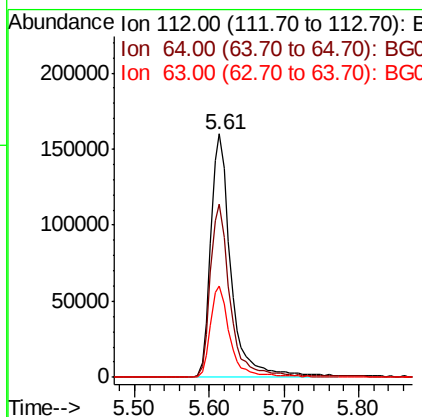
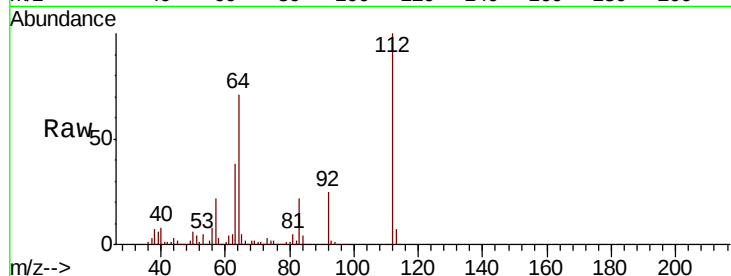
ClientSampleId :

PB113393BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 300930 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 71.2  | 57.2  | 85.8   |
| 63        | 37.7  | 30.8  | 46.2   |

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#6

Aniline

Concen: 13.491 ng

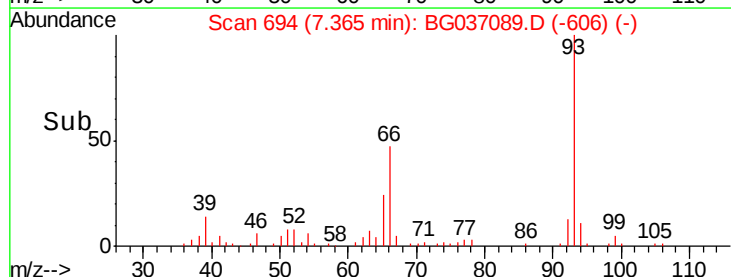
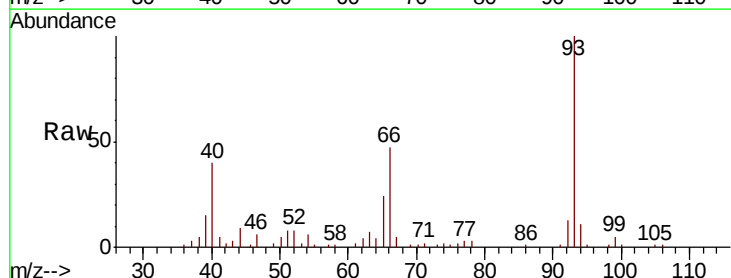
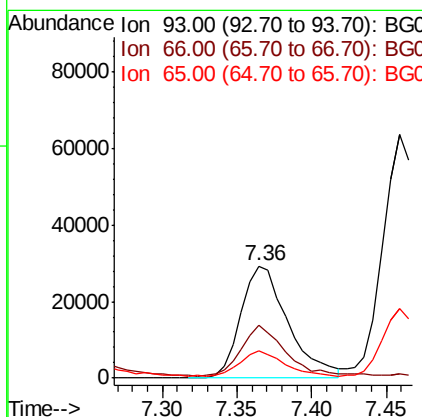
RT: 7.36 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 64296 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 47.4  | 35.0  | 52.4  |
| 65        | 24.2  | 17.6  | 26.4  |





#7

Phenol-d6

Concen: 115.110 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA\_G

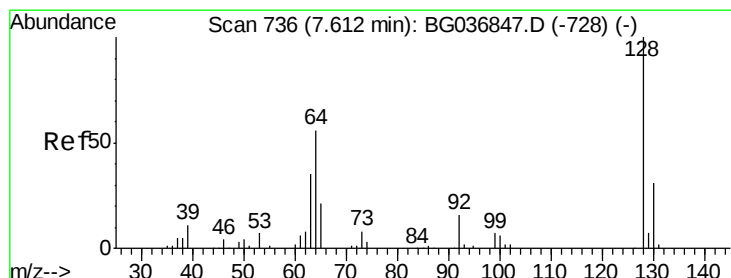
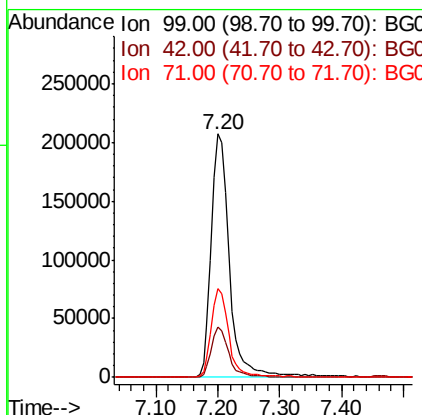
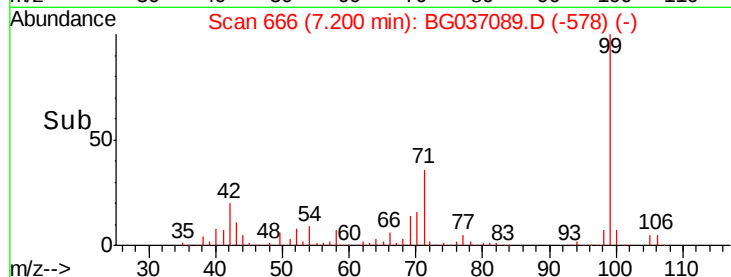
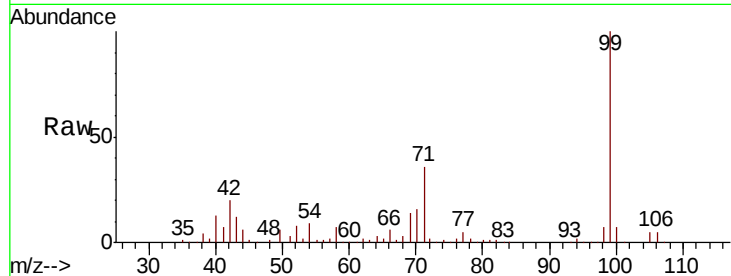
ClientSampled :

PB113393BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 422803 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 20.4  | 16.5  | 24.7   |
| 71        | 36.3  | 29.4  | 44.2   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 43.210 ng

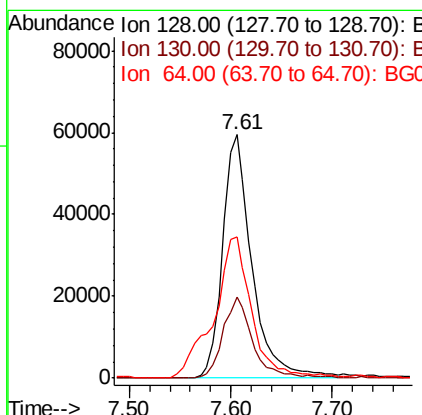
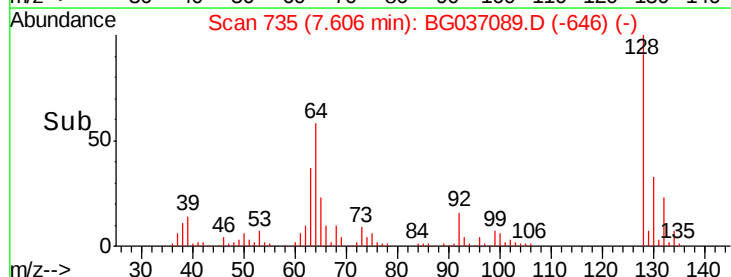
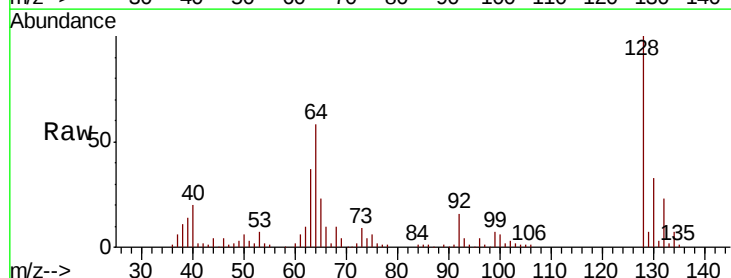
RT: 7.61 min Scan# 735

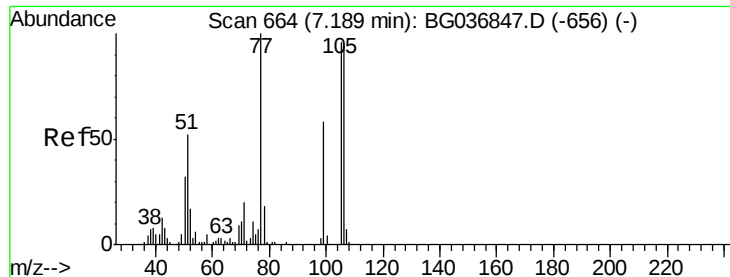
Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 119110 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 33.2  | 10.0  | 50.0   |
| 64        | 58.1  | 36.0  | 76.0   |





#9

Benzaldehyde

Concen: 28.025 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA\_G

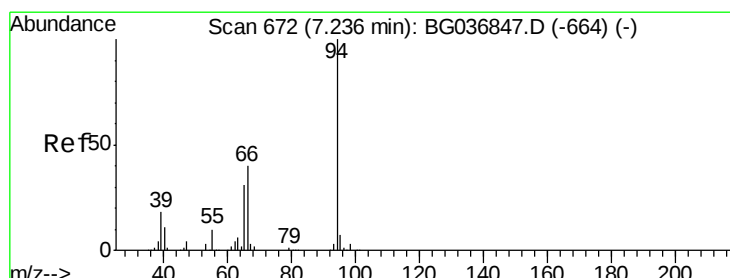
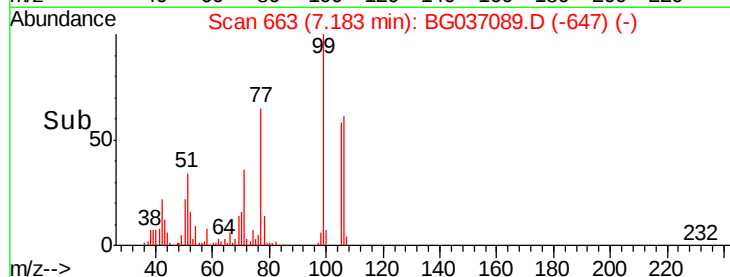
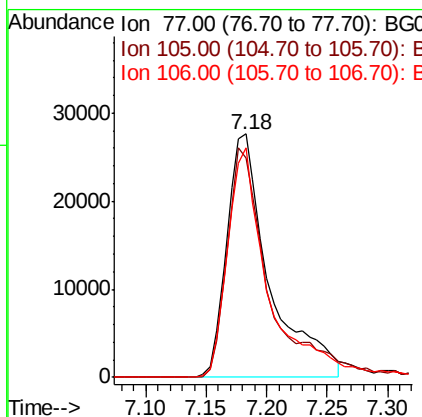
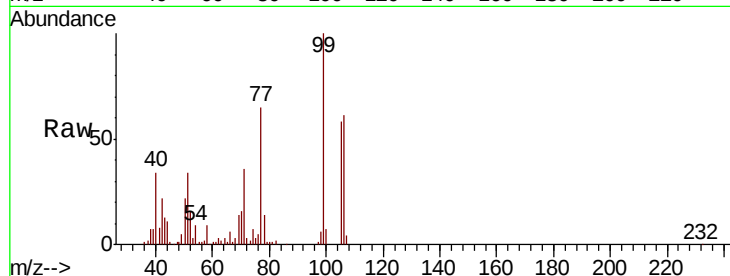
ClientSampleId :

PB113393BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 68019 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 90.2  | 70.5  | 110.5 |
| 106      | 94.3  | 69.8  | 109.8 |

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#10

Phenol

Concen: 43.490 ng

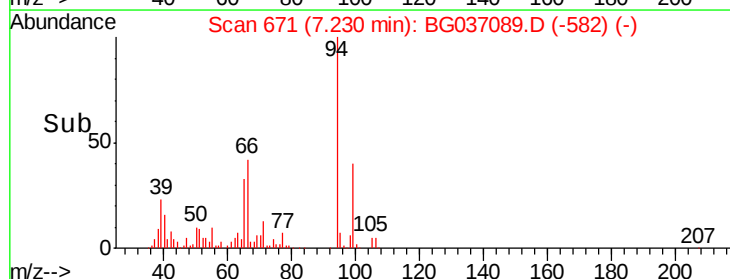
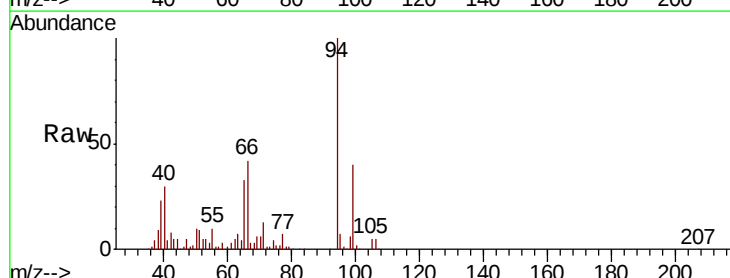
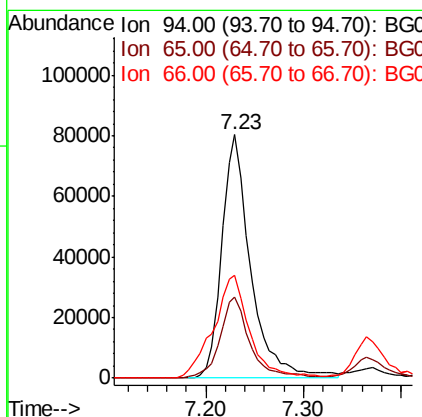
RT: 7.23 min Scan# 671

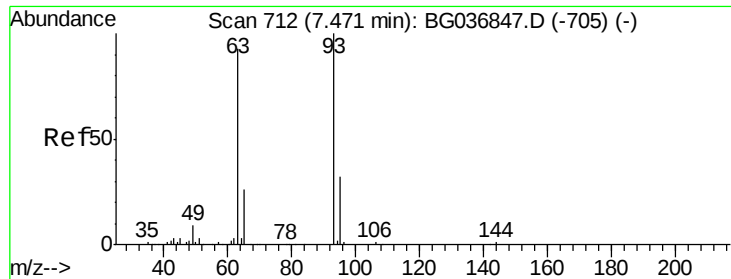
Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 164860 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 33.1  | 11.5  | 51.5   |
| 66       | 42.4  | 19.5  | 59.5   |





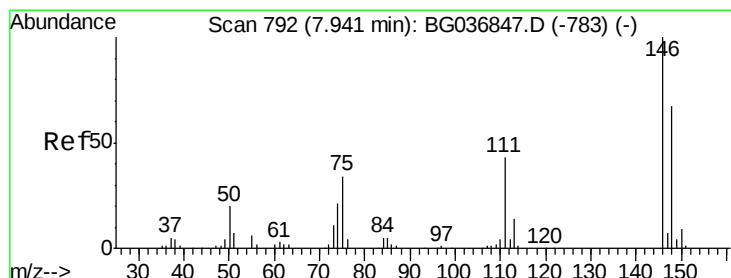
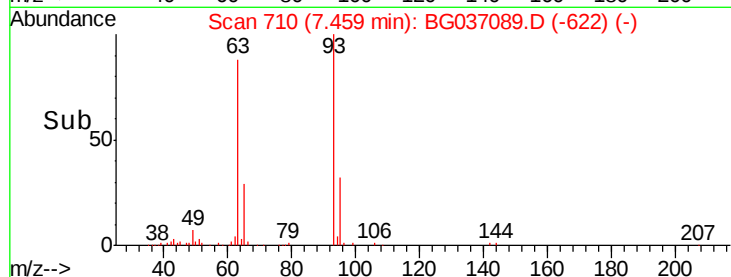
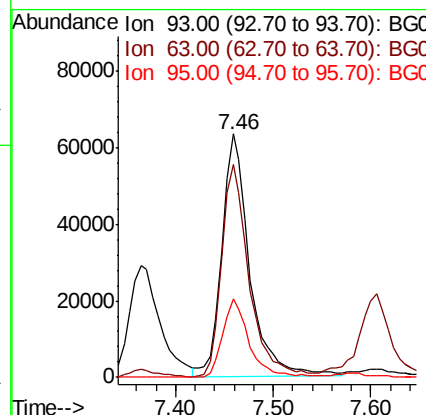
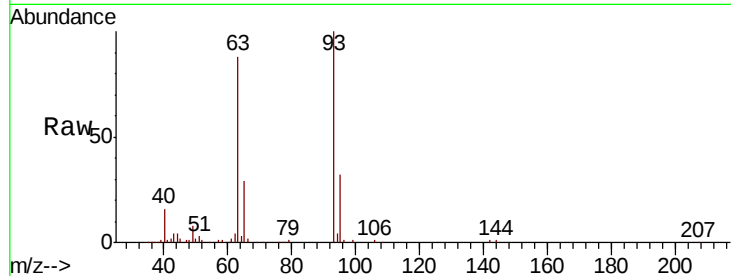
#11  
bis(2-Chloroethyl)ether  
Concen: 35.786 ng  
RT: 7.46 min Scan# 710  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 93      | 100   |      |       |       |
| 63      | 87.5  | 69.9 | 109.9 |       |
| 95      | 32.5  | 11.7 | 51.7  |       |

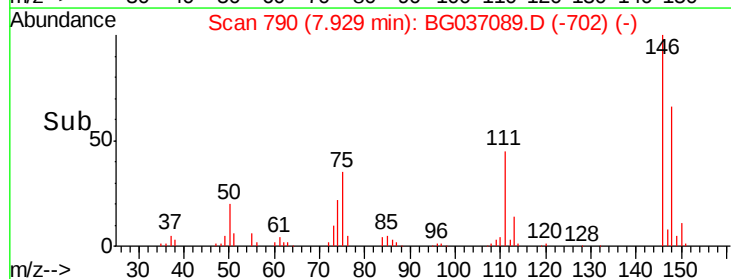
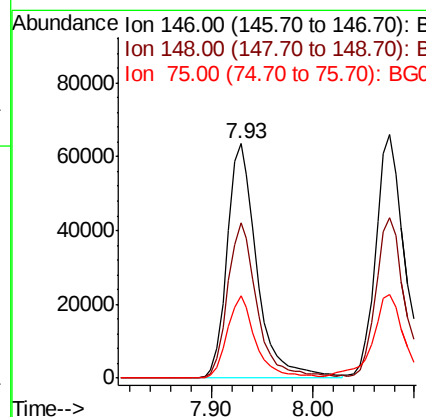
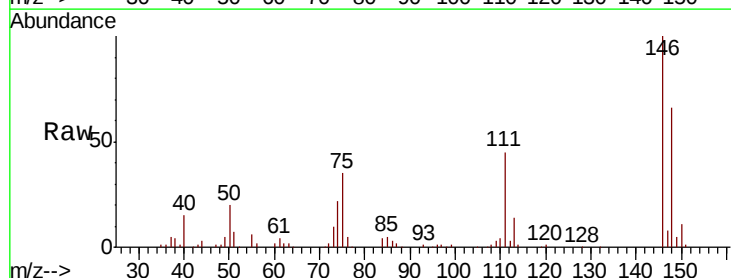
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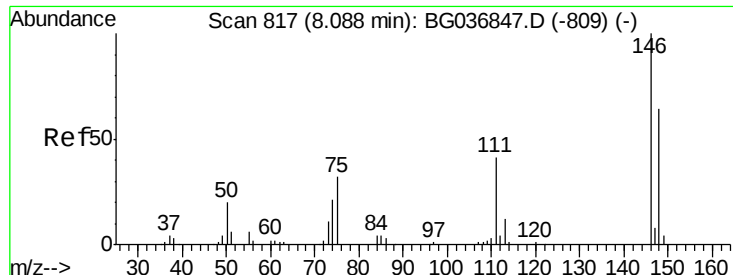
Sohil  
10/2/2018 5:28:58 PM



#12  
1,3-Dichlorobenzene  
Concen: 38.224 ng  
RT: 7.93 min Scan# 790  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 148     | 66.2  | 53.8 | 80.6  |       |
| 75      | 34.9  | 27.2 | 40.8  |       |





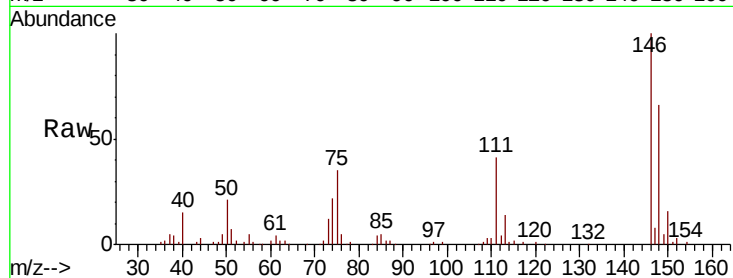
#13  
1,4-Dichlorobenzene  
Concen: 37.975 ng  
RT: 8.08 min Scan# 815  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.7  | 53.9  | 80.9  |
| 111     | 40.9  | 33.8  | 50.6  |

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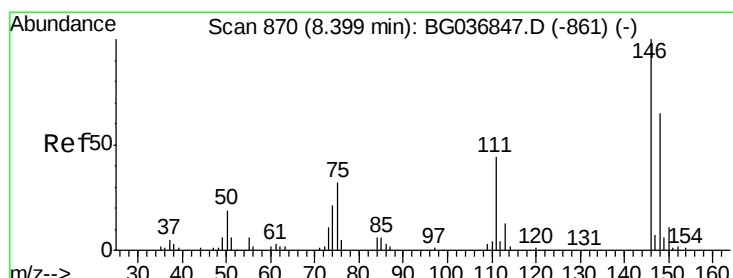
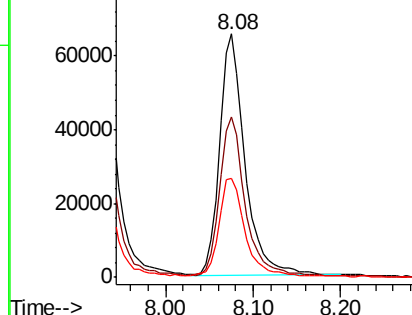
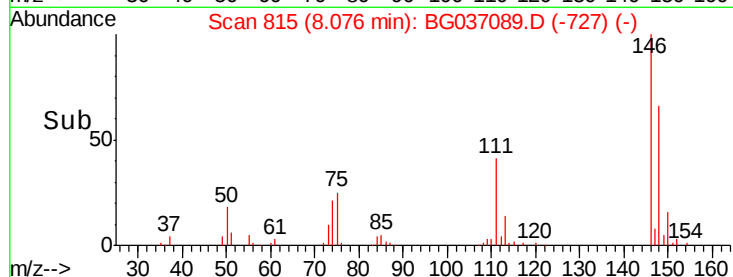


Abundance

Ion 146.00 (145.70 to 146.70): E

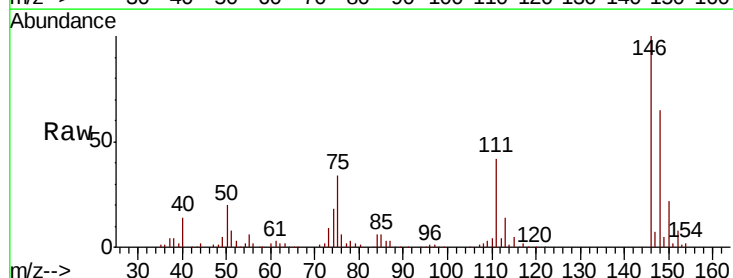
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
1,2-Dichlorobenzene  
Concen: 39.031 ng  
RT: 8.39 min Scan# 869  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.8  | 55.0  | 82.6  |
| 111     | 42.2  | 34.6  | 51.8  |

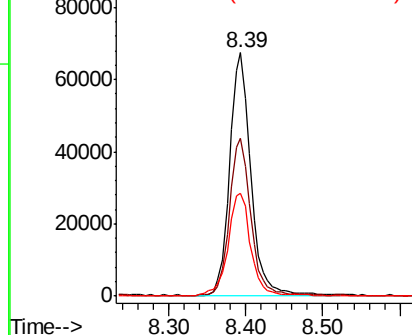
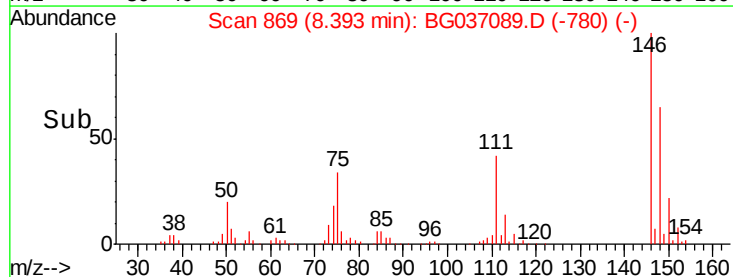


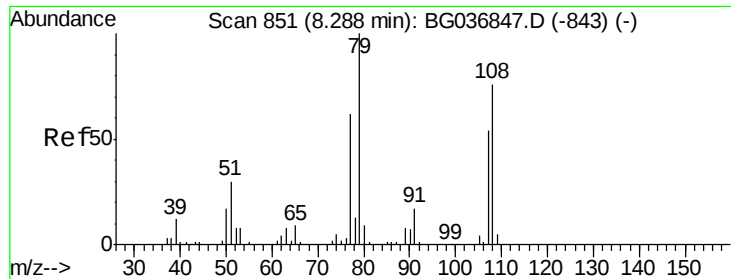
Abundance

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: 36.602 ng

RT: 8.28 min Scan# 849

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA\_G

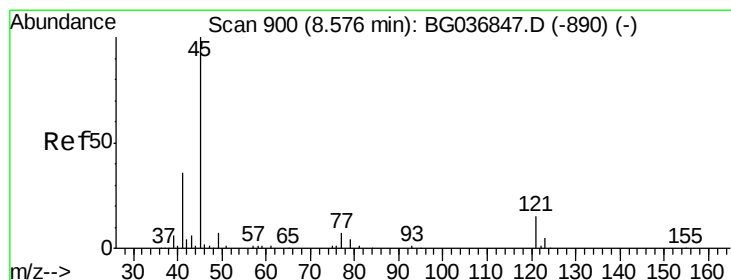
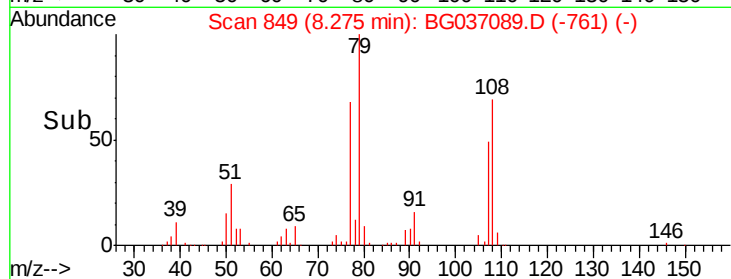
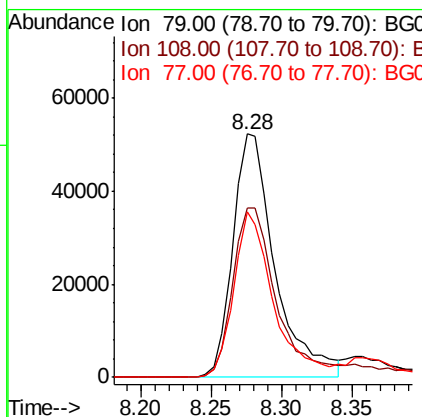
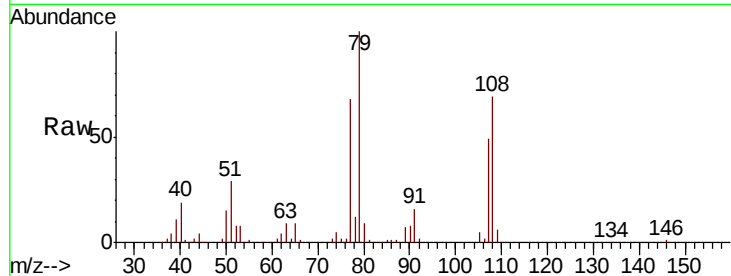
ClientSampleId :

PB113393BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 109087 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 69.3  | 55.9  | 83.9   |
| 77        | 67.8  | 50.0  | 75.0   |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.891 ng

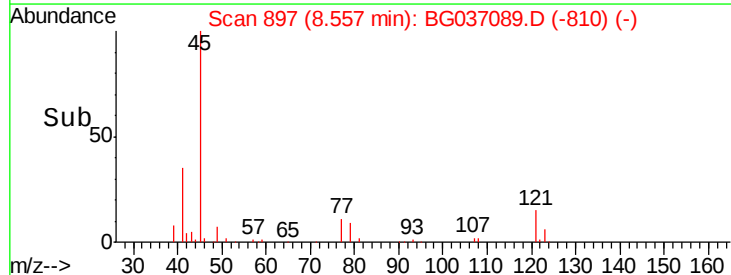
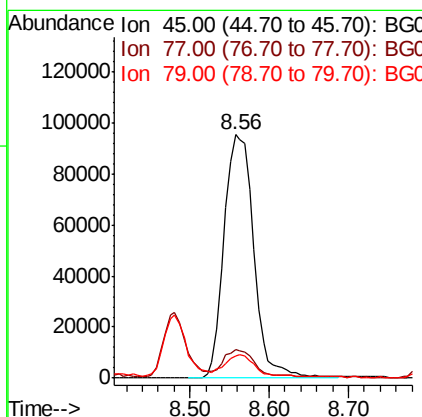
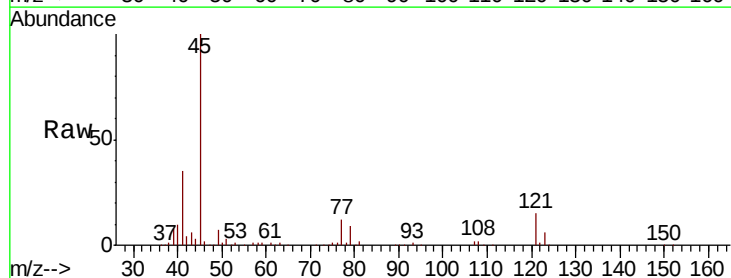
RT: 8.56 min Scan# 897

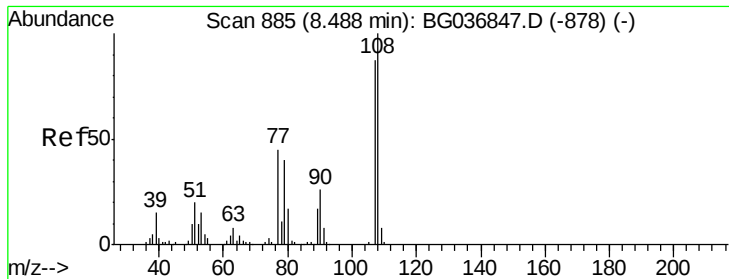
Delta R.T. -0.02 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 248348 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 11.8  | 0.0   | 30.5   |
| 79        | 9.2   | 0.0   | 27.9   |





#17

2-Methylphenol

Concen: 40.067 ng

RT: 8.48 min Scan# 884

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA\_G

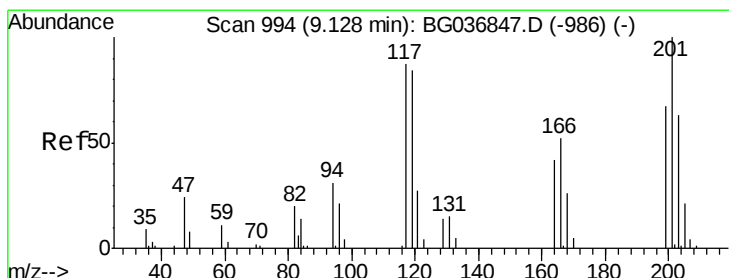
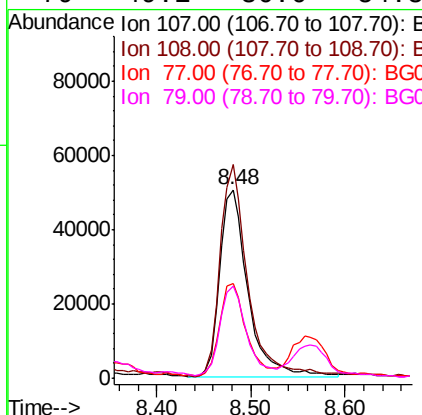
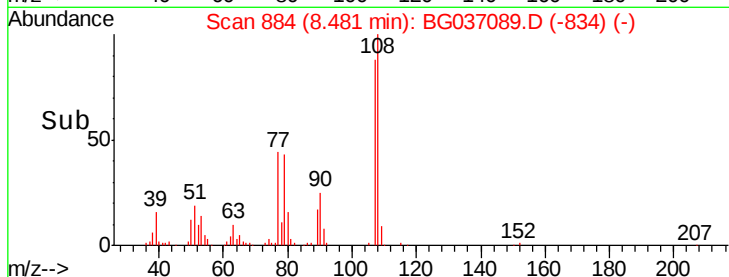
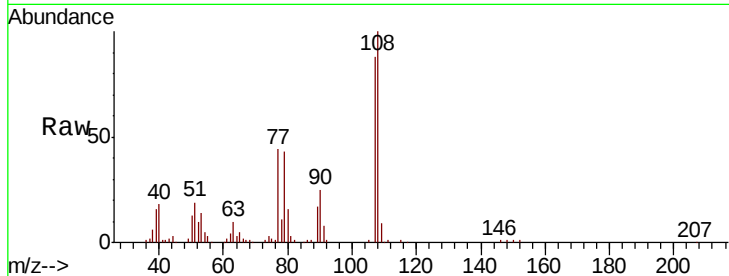
ClientSampleId :

PB113393BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 113.2 | 86.7 | 130.1 |       |
| 77      | 50.3  | 39.0 | 58.4  |       |
| 79      | 49.1  | 36.6 | 54.8  |       |

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#18

Hexachloroethane

Concen: 40.879 ng

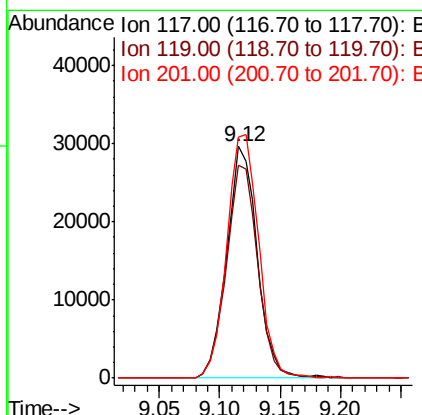
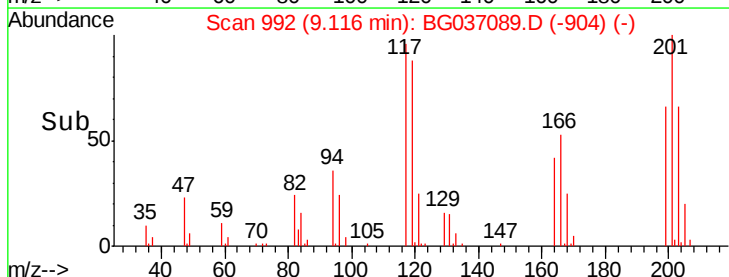
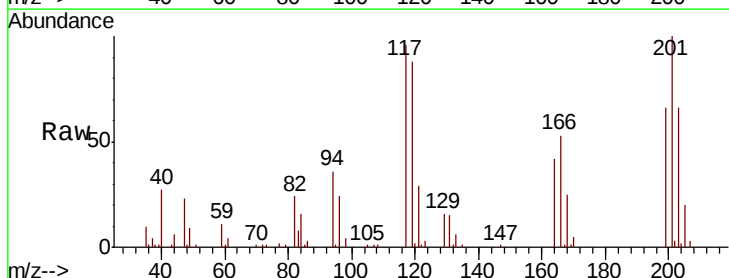
RT: 9.12 min Scan# 992

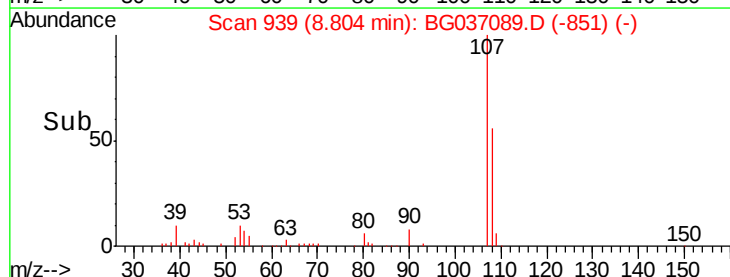
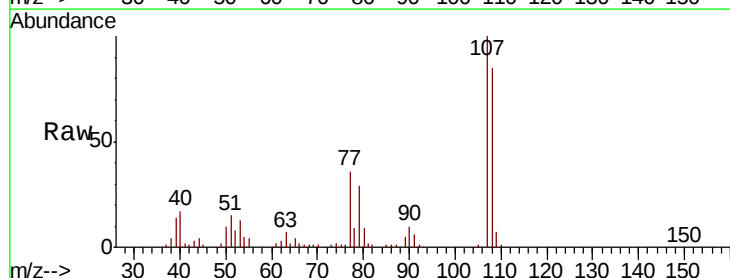
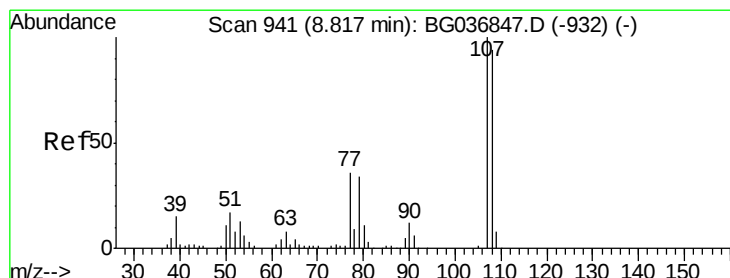
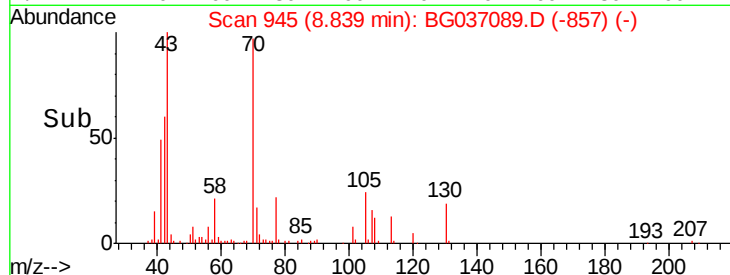
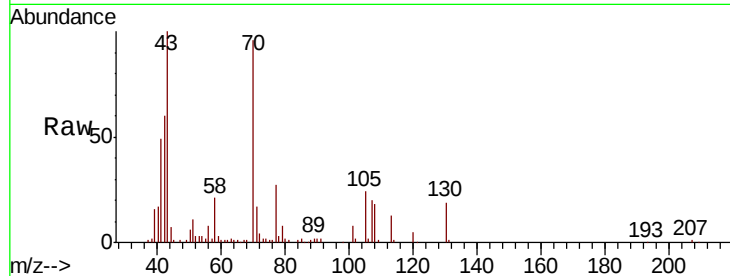
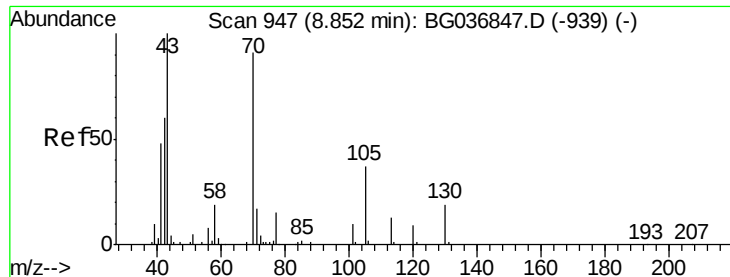
Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

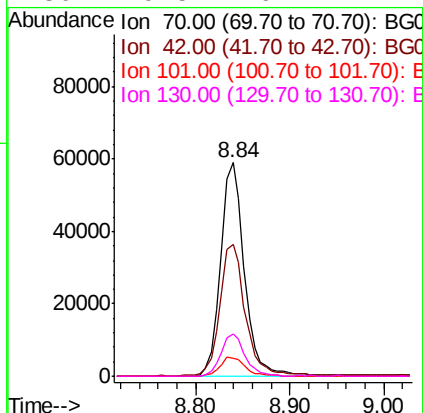
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 91.6  | 76.8 | 115.2 |       |
| 201     | 104.0 | 85.7 | 128.5 |       |





#19  
n-Nitroso-di-n-propylamine  
Concen: 34.227 ng  
RT: 8.84 min Scan# 945  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 61.9 | 56.2  | 84.4  |       |
| 101     | 8.3  | 7.8   | 11.6  |       |
| 130     | 19.5 | 16.2  | 24.2  |       |



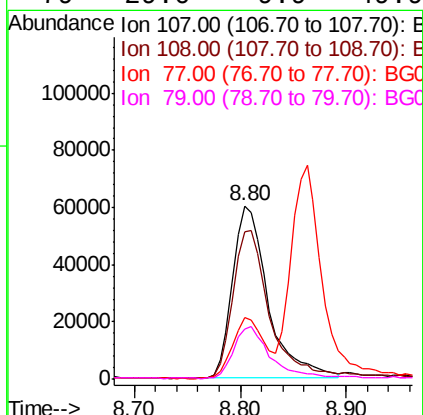
Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

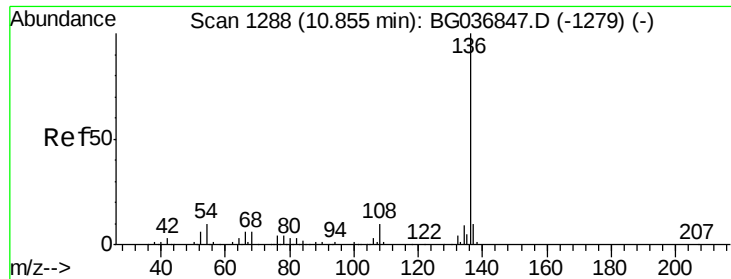
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#20  
3+4-Methylphenols  
Concen: 38.482 ng  
RT: 8.80 min Scan# 939  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 84.9 | 68.0  | 108.0 |       |
| 77      | 35.7 | 15.6  | 55.6  |       |
| 79      | 29.0 | 9.9   | 49.9  |       |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA\_G

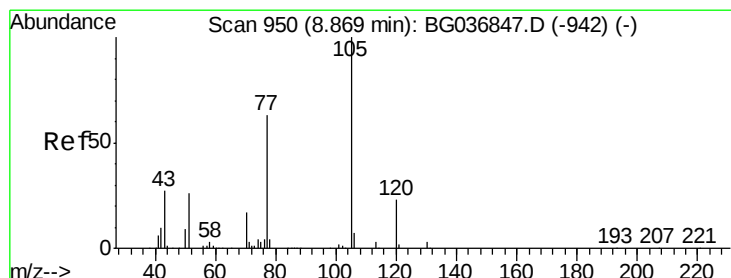
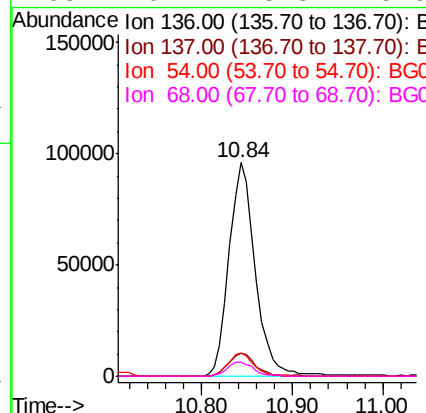
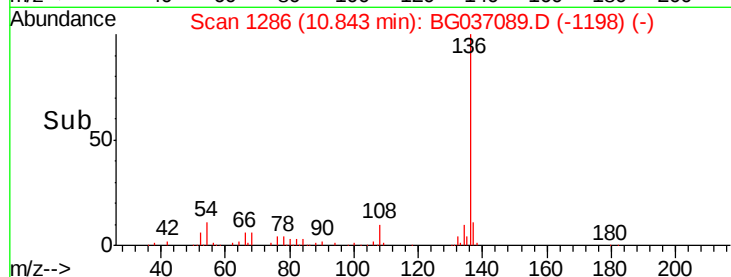
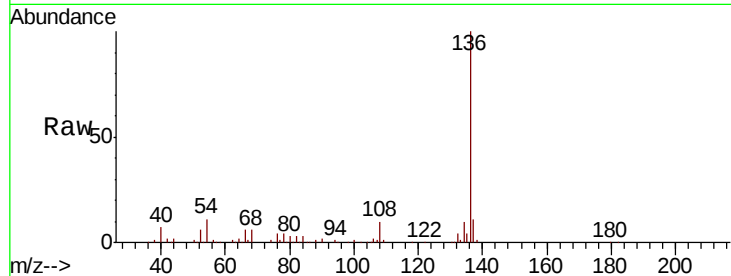
ClientSampleId :

PB113393BSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 136     | 100  |       | 193889 |       |       |
| 137     | 10.9 |       | 8.8    | 13.2  |       |
| 54      | 11.0 |       | 9.2    | 13.8  |       |
| 68      | 6.4  |       | 5.8    | 8.6   |       |

Manual Integrations  
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#22

Acetophenone

Concen: 41.349 ng

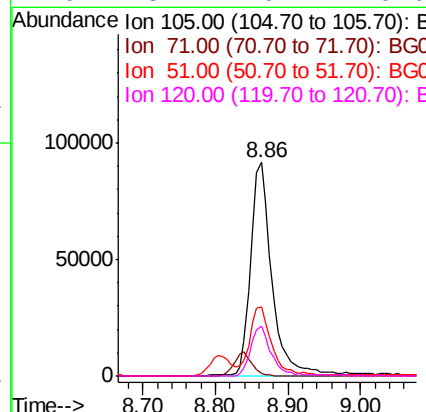
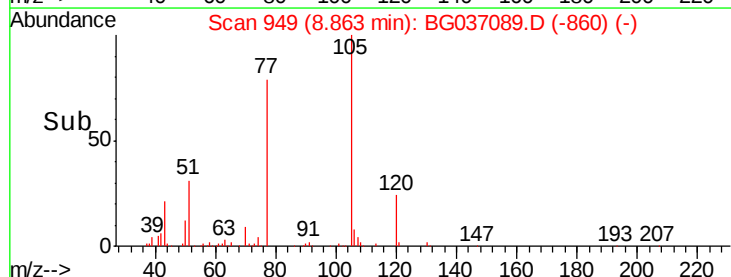
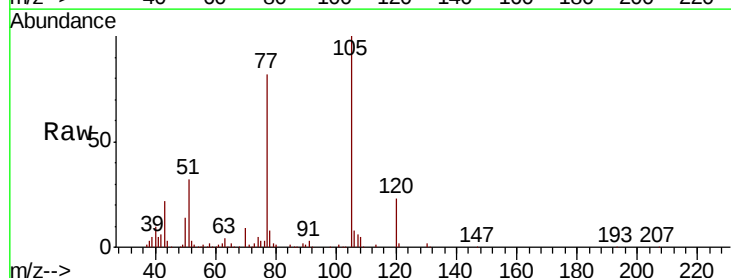
RT: 8.86 min Scan# 949

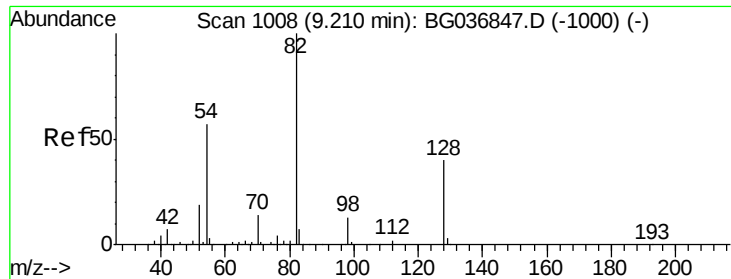
Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 105     | 100  |       | 188400 |       |       |
| 71      | 1.4  |       | 2.4    | 3.6#  |       |
| 51      | 32.1 |       | 25.9   | 38.9  |       |
| 120     | 23.4 |       | 19.4   | 29.0  |       |





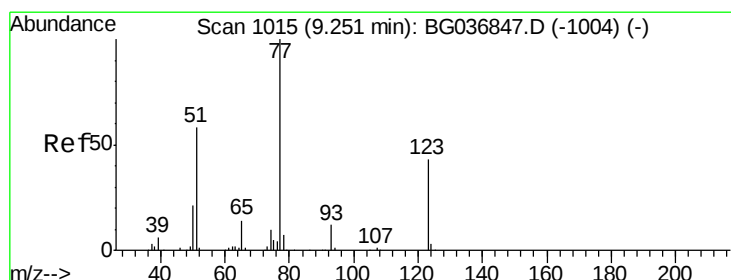
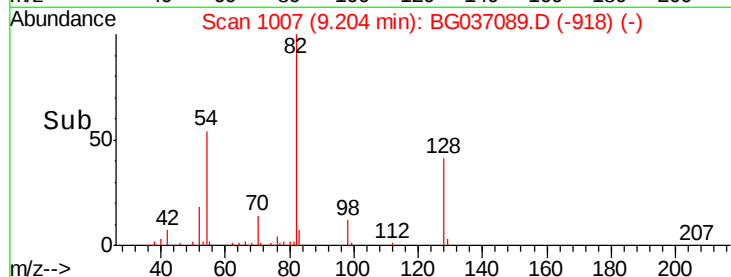
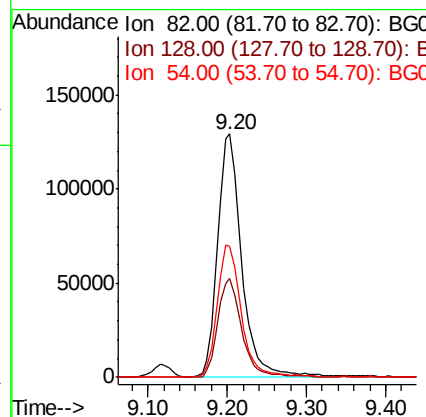
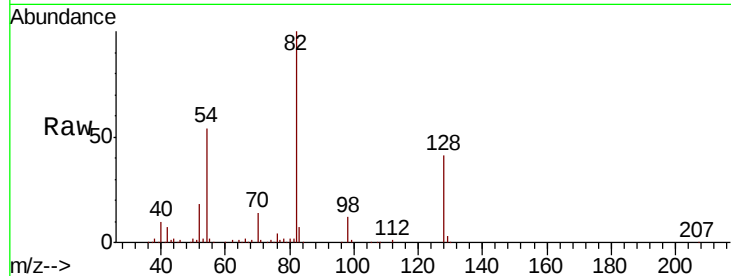
#23  
 Nitrobenzene-d5  
 Concen: 75.217 ng  
 RT: 9.20 min Scan# 1007  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113393BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 272333 |       |       |
| 128     | 40.6  | 33.3   | 49.9  |       |
| 54      | 54.0  | 45.1   | 67.7  |       |

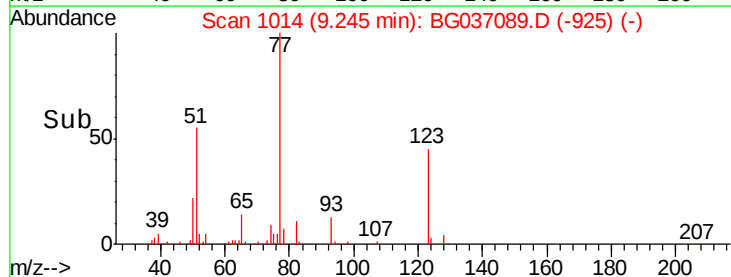
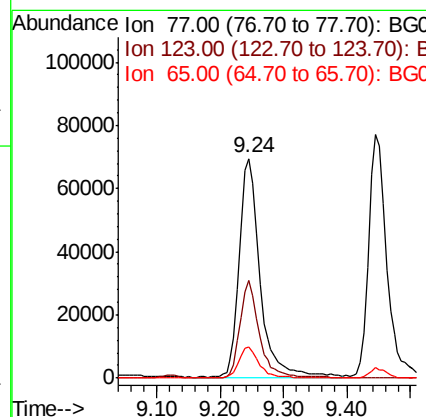
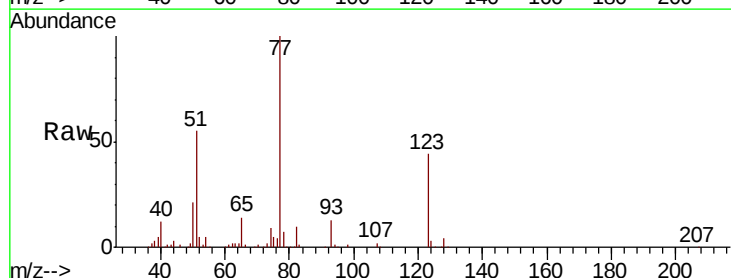
Manual Integrations  
 APPROVED

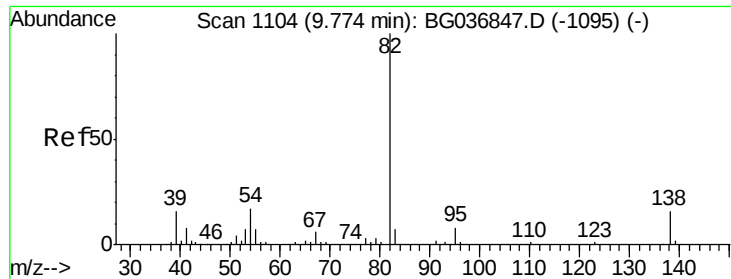
Sohil  
 10/2/2018 5:28:58 PM



#24  
 Nitrobenzene  
 Concen: 40.218 ng  
 RT: 9.24 min Scan# 1014  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 77      | 100   | 155504 |       |       |
| 123     | 44.5  | 32.4   | 48.6  |       |
| 65      | 14.0  | 11.5   | 17.3  |       |





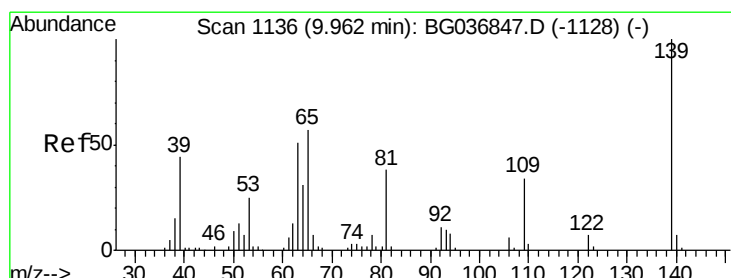
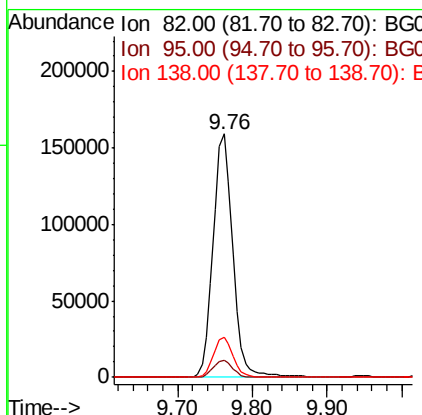
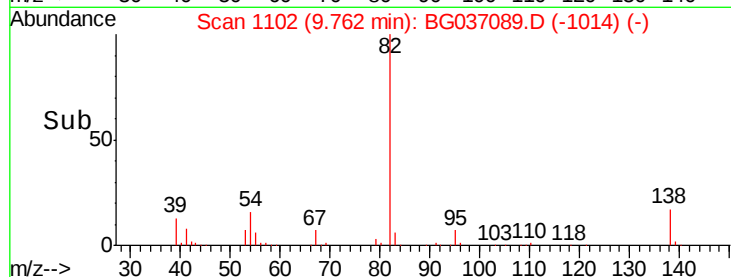
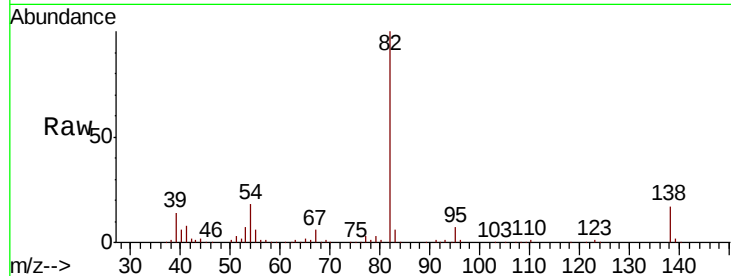
#25  
Isophorone  
Concen: 44.137 ng  
RT: 9.76 min Scan# 1102  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 291995 |       |       |
| 95      | 7.1   |        | 5.8   | 8.8   |
| 138     | 16.5  |        | 12.9  | 19.3  |

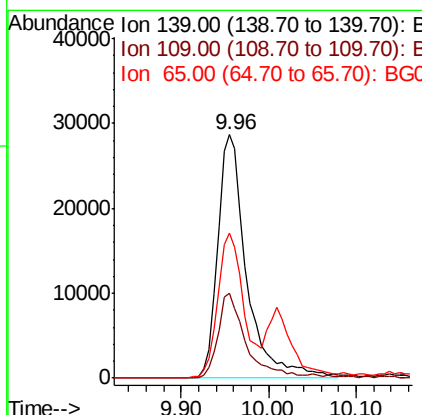
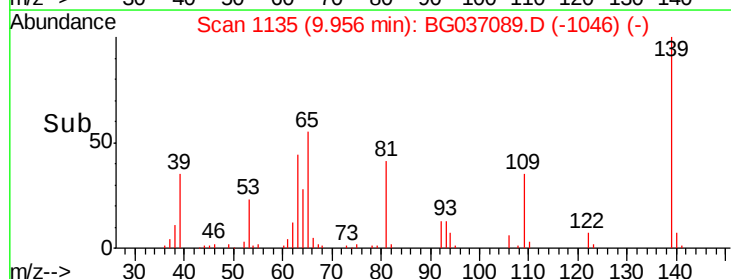
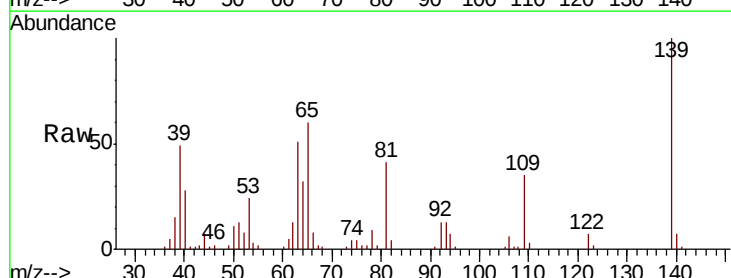
Manual Integrations  
APPROVED

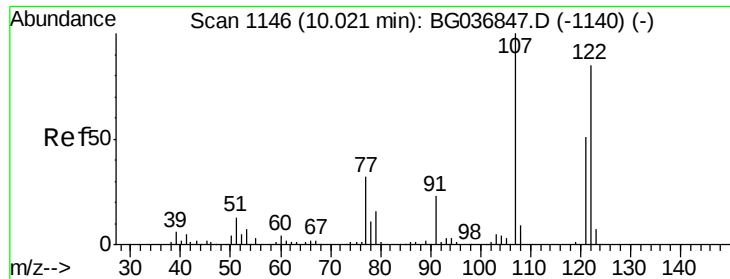
Sohil  
10/2/2018 5:28:58 PM



#26  
2-Nitrophenol  
Concen: 42.310 ng  
RT: 9.96 min Scan# 1135  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 65207 |       |       |
| 109     | 35.1  |       | 27.4  | 41.0  |
| 65      | 59.8  |       | 47.8  | 71.6  |





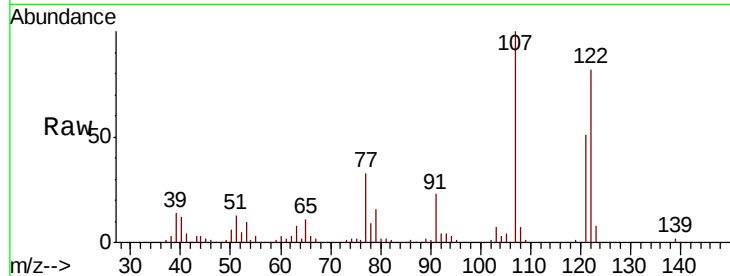
#27  
2,4-Dimethylphenol  
Concen: 46.941 ng  
RT: 10.01 min Scan# 1144  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 122.1 | 96.0  | 144.0 |
| 121     | 62.7  | 48.2  | 72.4  |

Manual Integrations  
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10/2/2018 5:28:58 PM

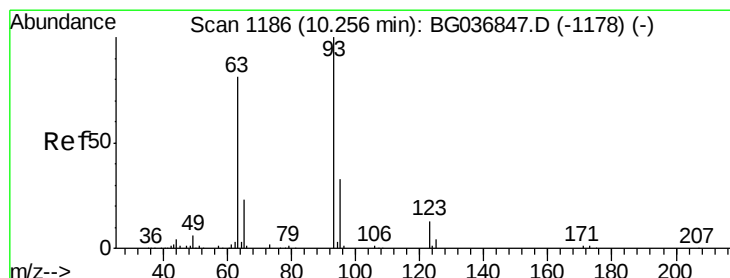
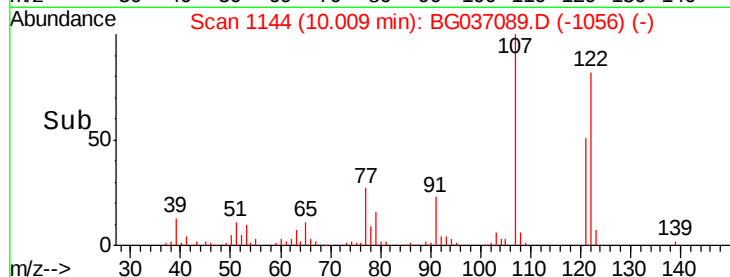
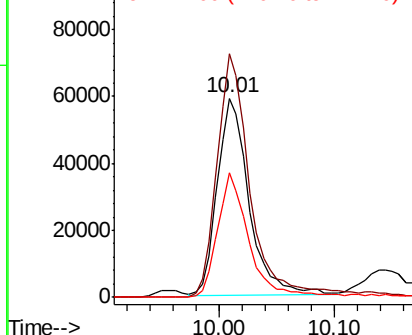


Abundance

Ion 122.00 (121.70 to 122.70): E

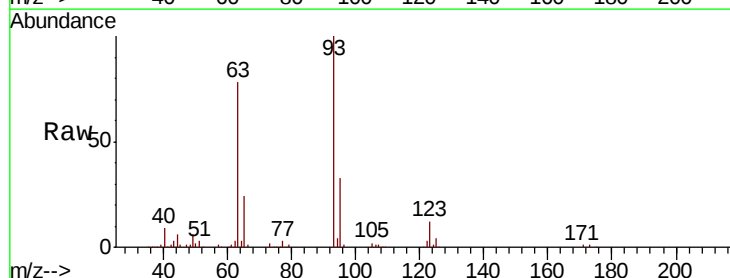
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
bis(2-Chloroethoxy)methane  
Concen: 41.034 ng  
RT: 10.24 min Scan# 1184  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.9  | 25.2  | 37.8  |
| 123     | 11.6  | 8.6   | 12.8  |

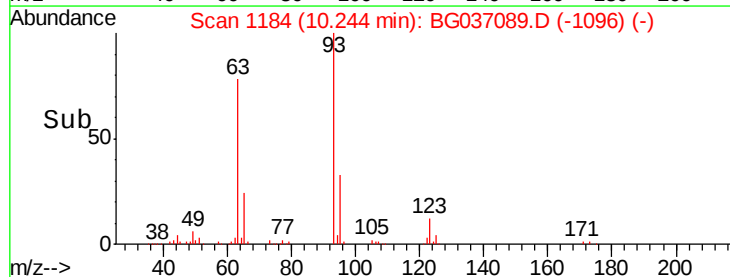
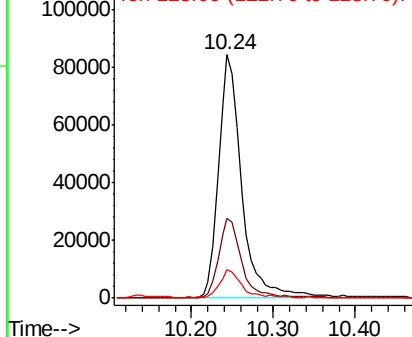


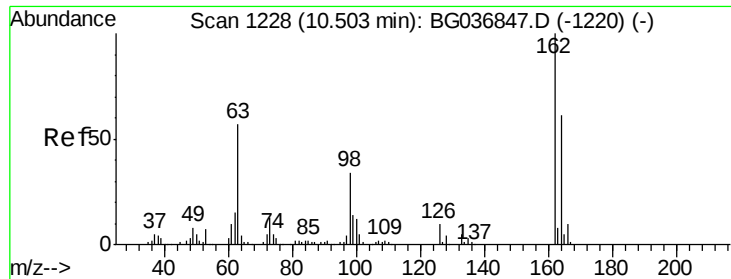
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





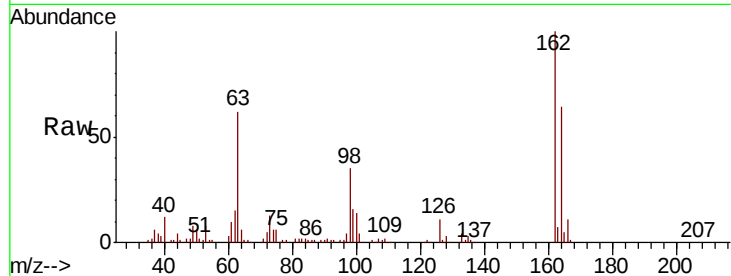
#29  
2,4-Dichlorophenol  
Concen: 43.974 ng  
RT: 10.49 min Scan# 1226  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 122378 |       |       |
| 164     | 63.6  | 47.6   | 87.6  |       |
| 98      | 35.4  | 19.2   | 59.2  |       |

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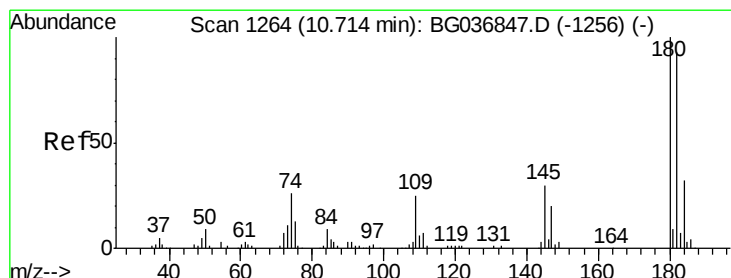
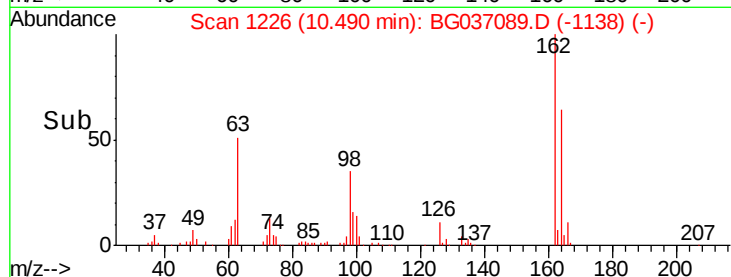
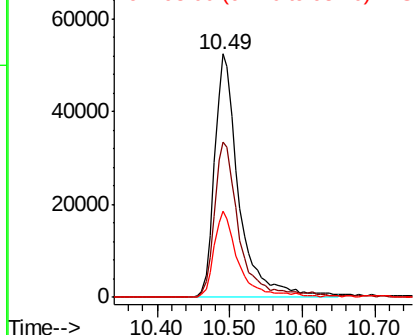


Abundance

Ion 162.00 (161.70 to 162.70): E

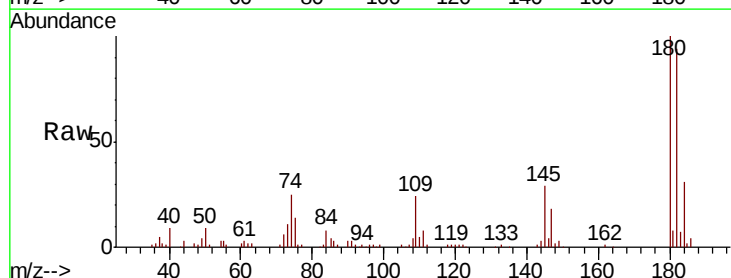
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30  
1,2,4-Trichlorobenzene  
Concen: 39.007 ng  
RT: 10.71 min Scan# 1263  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 135848 |       |       |
| 182     | 94.4  | 76.0   | 114.0 |       |
| 145     | 29.1  | 22.9   | 34.3  |       |

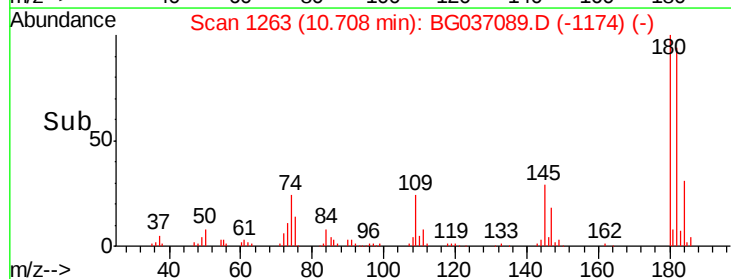
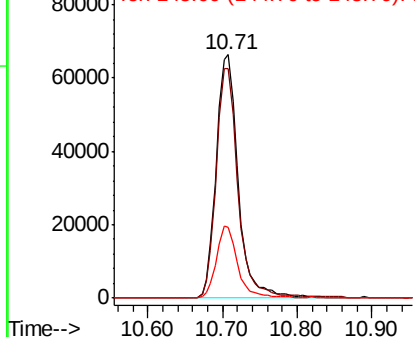


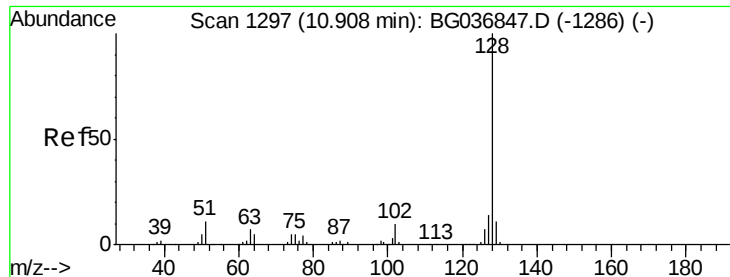
Abundance

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





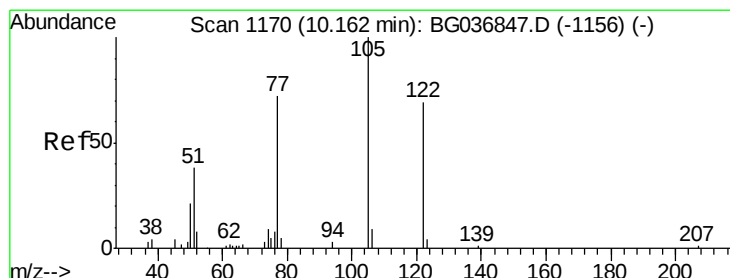
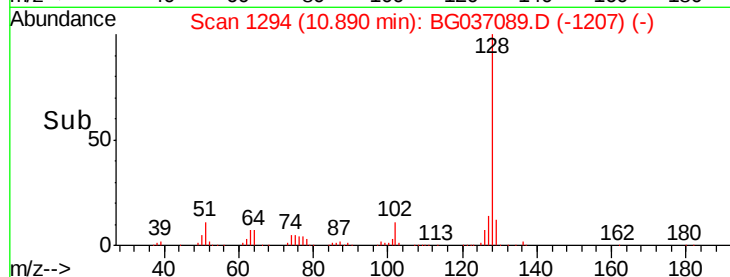
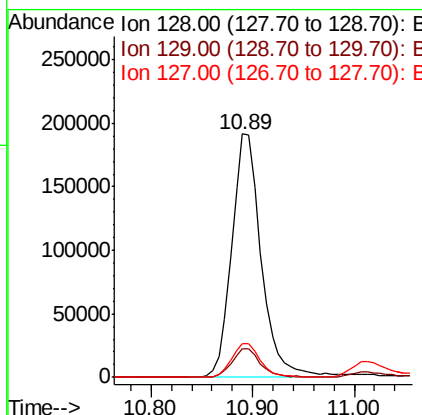
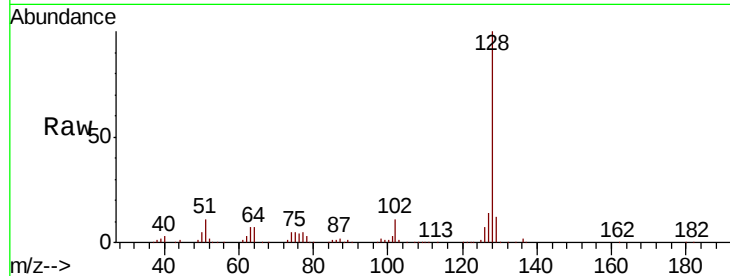
#31  
Naphthalene  
Concen: 42.018 ng  
RT: 10.89 min Scan# 1294  
Delta R.T. -0.02 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampled :  
PB113393BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 11.5  | 9.4  | 14.2  |       |
| 127     | 13.6  | 11.0 | 16.4  |       |

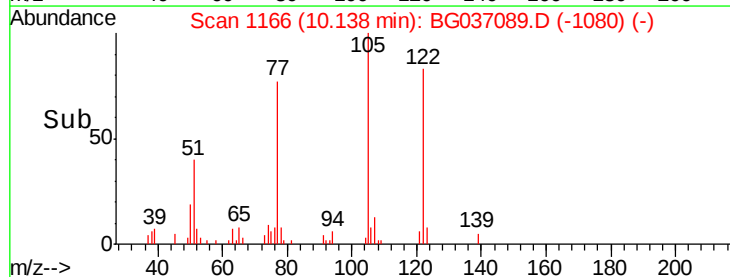
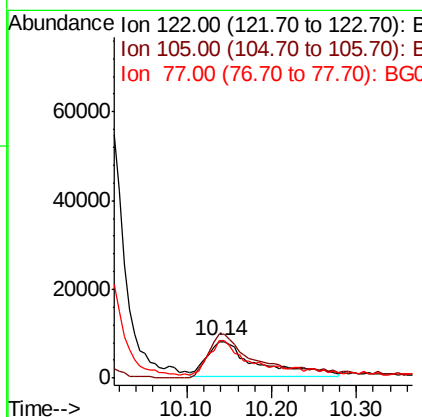
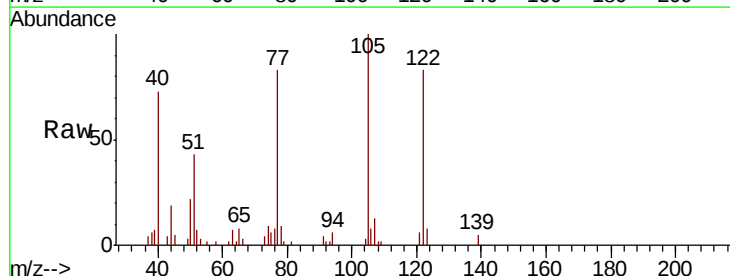
Manual Integrations  
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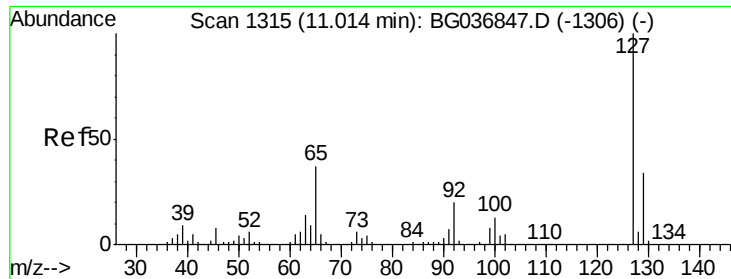
Sohil  
10/2/2018 5:28:58 PM



#32  
Benzoic acid  
Concen: 21.081 ng m  
RT: 10.14 min Scan# 1166  
Delta R.T. -0.02 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 105     | 121.0 | 108.1 | 148.1 |       |
| 77      | 101.0 | 76.3  | 116.3 |       |





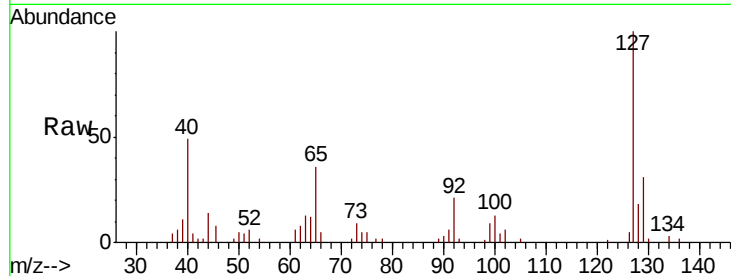
#33  
4-Chloroaniline  
Concen: 8.796 ng  
RT: 11.01 min Scan# 1315  
Delta R.T. -0.00 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 31.2  | 25.9  | 38.9  |
| 65      | 36.4  | 27.5  | 41.3  |
| 92      | 20.7  | 16.2  | 24.2  |

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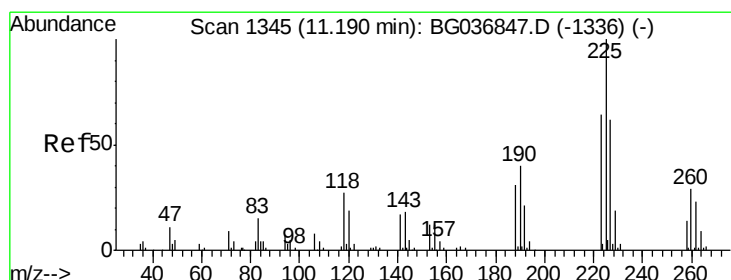
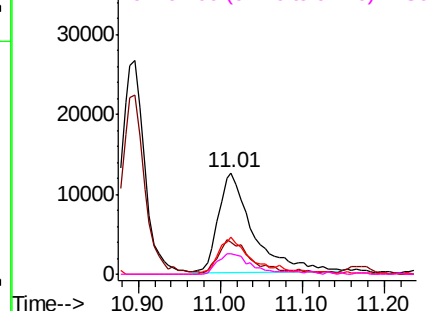
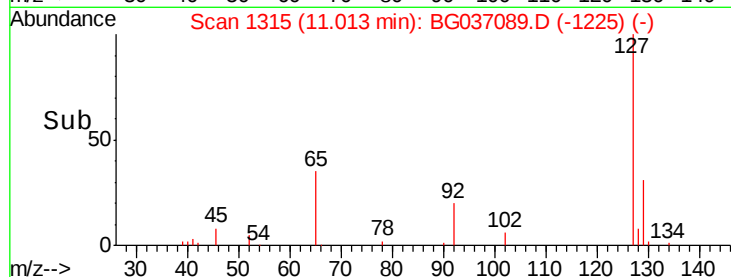
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

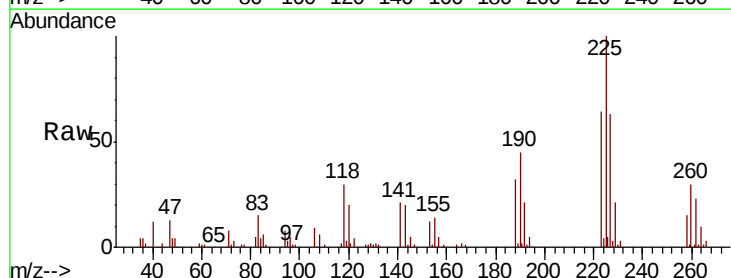
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34  
Hexachlorobutadiene  
Concen: 37.620 ng  
RT: 11.17 min Scan# 1342  
Delta R.T. -0.02 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.9  | 51.8  | 77.8  |
| 227     | 63.4  | 49.8  | 74.6  |

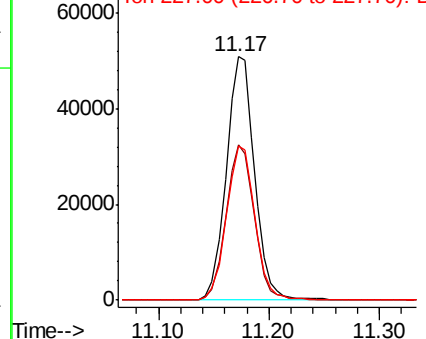
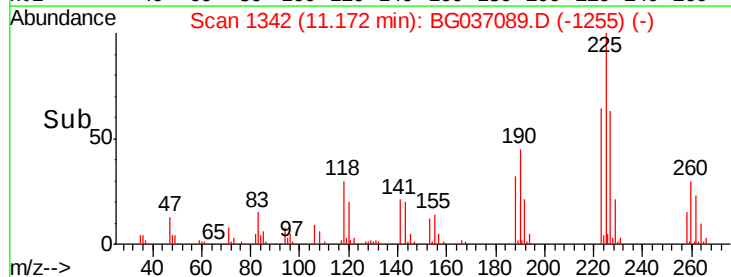


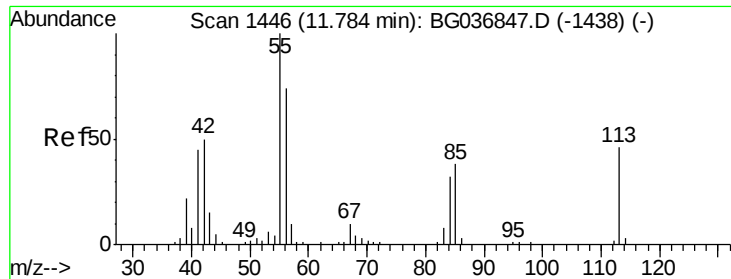
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 39.876 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA\_G

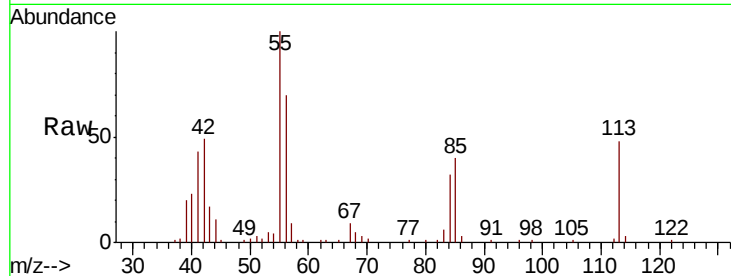
ClientSampleId :

PB113393BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 207.7 | 197.7 | 237.7 |
| 56      | 145.5 | 131.7 | 171.7 |

Manual Integrations  
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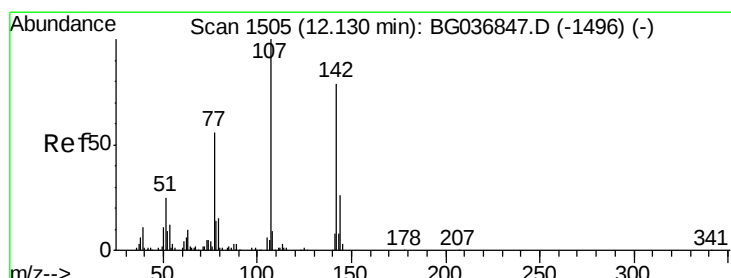
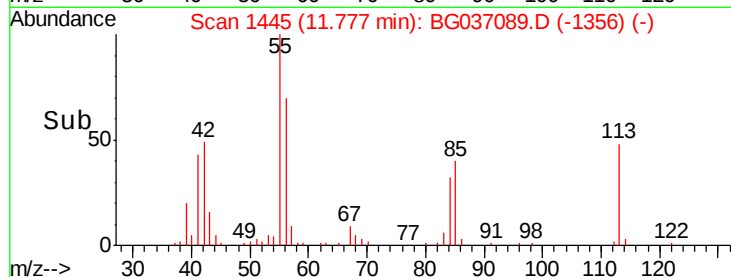
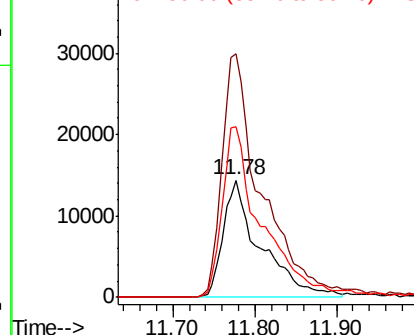


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.723 ng

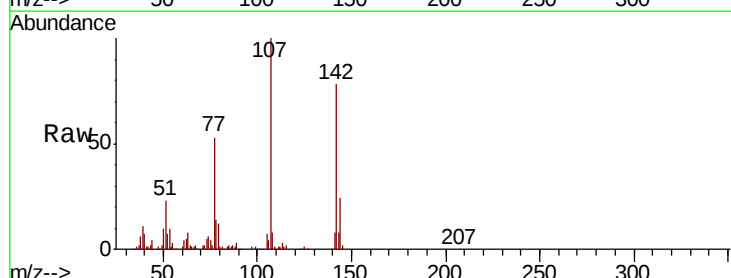
RT: 12.12 min Scan# 1504

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.3  | 19.5  | 29.3  |
| 142     | 78.3  | 62.4  | 93.6  |

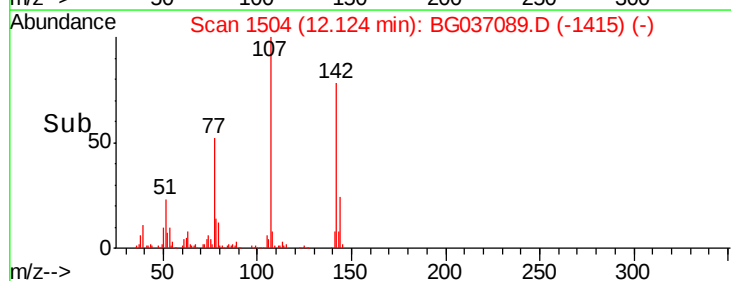
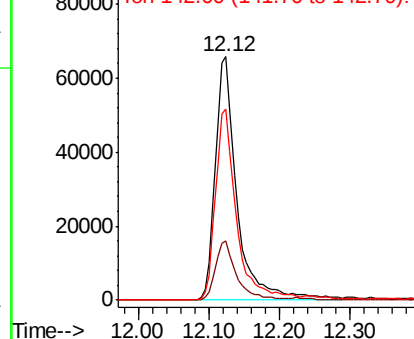


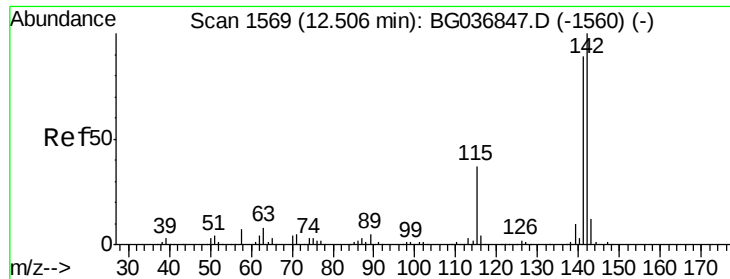
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





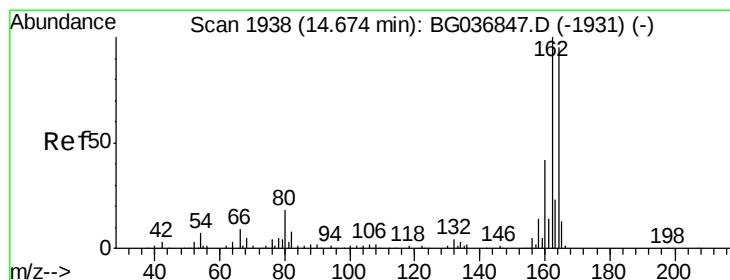
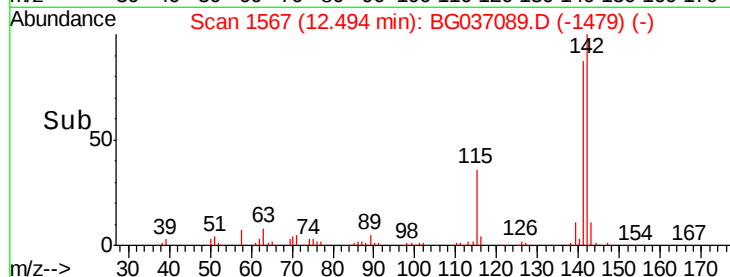
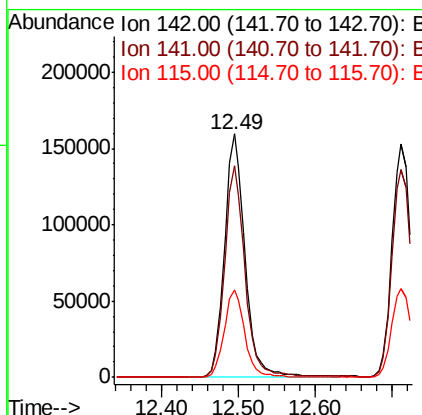
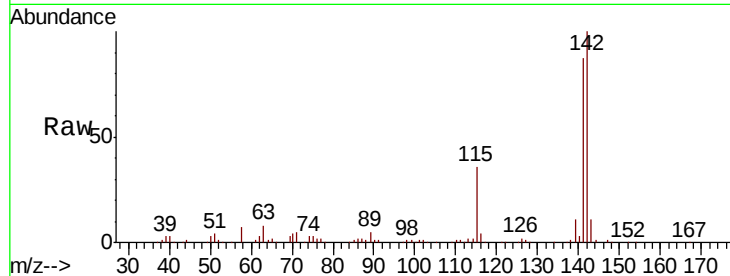
#37  
2-Methylnaphthalene  
Concen: 42.191 ng  
RT: 12.49 min Scan# 1567  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.0  | 68.5  | 102.7 |
| 115     | 35.8  | 29.8  | 44.8  |

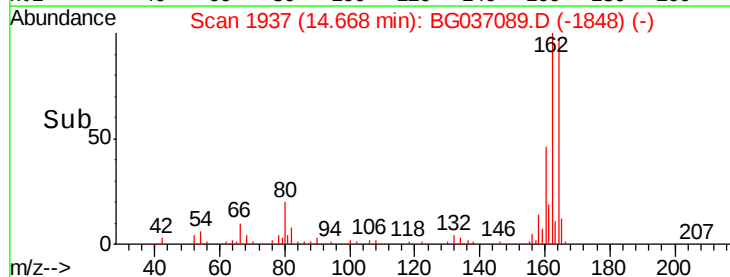
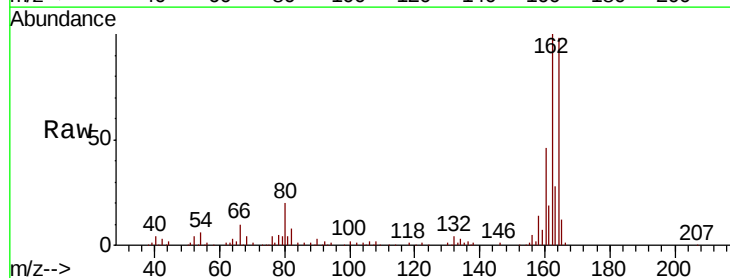
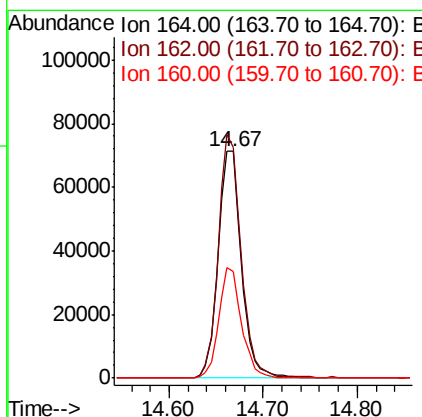
Manual Integrations  
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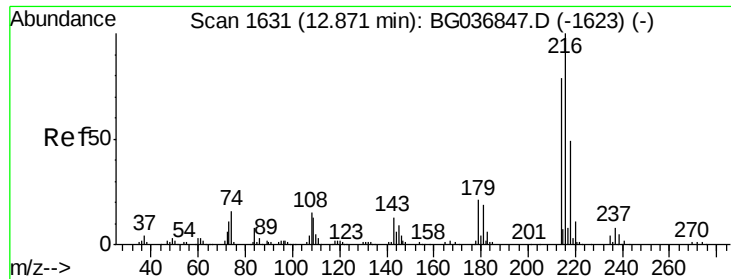
Sohil  
10/2/2018 5:28:58 PM



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.67 min Scan# 1937  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 101.7 | 80.7  | 121.1 |
| 160     | 46.8  | 35.3  | 52.9  |





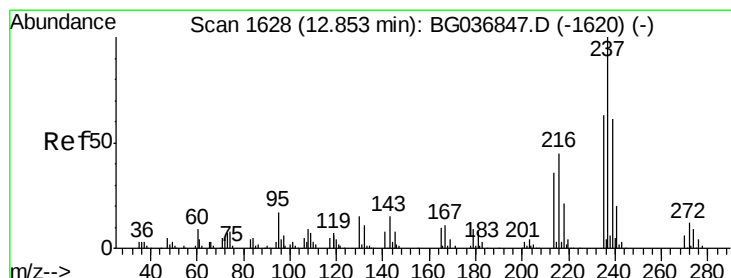
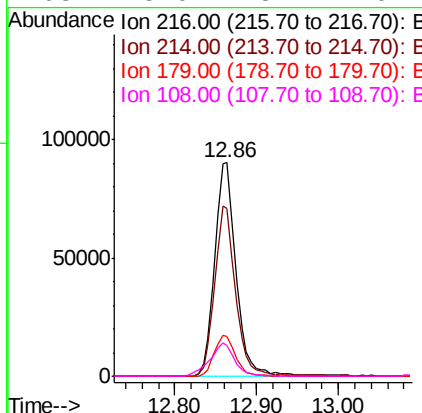
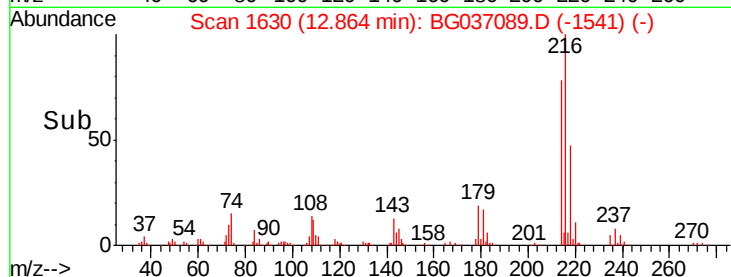
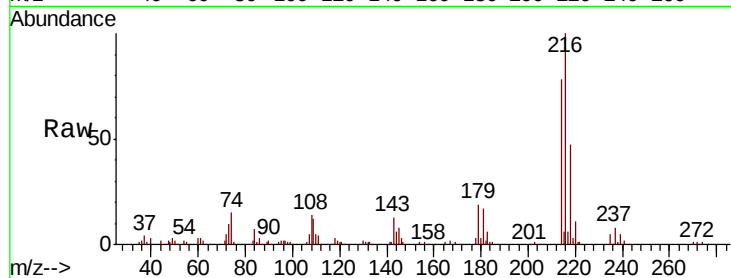
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 38.322 ng  
 RT: 12.86 min Scan# 1630  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113393BSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 216     | 100  |       | 165362 |       |       |
| 214     | 78.0 | 61.0  | 91.6   |       |       |
| 179     | 19.2 | 15.7  | 23.5   |       |       |
| 108     | 18.0 | 13.1  | 19.7   |       |       |

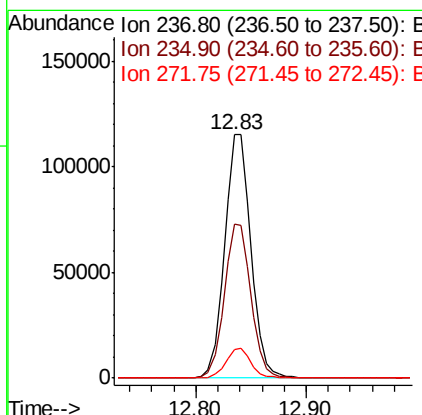
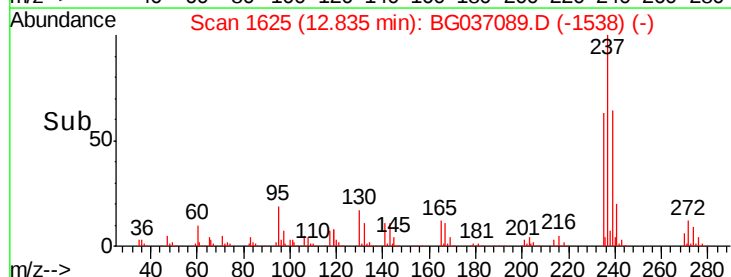
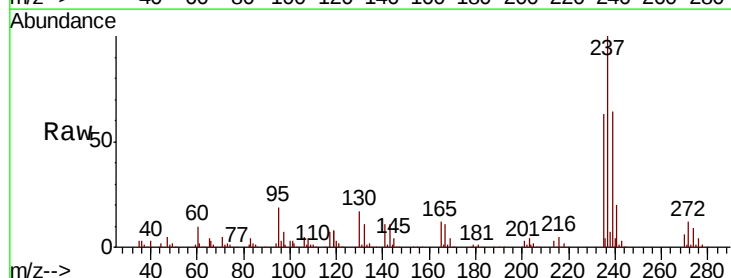
Manual Integrations  
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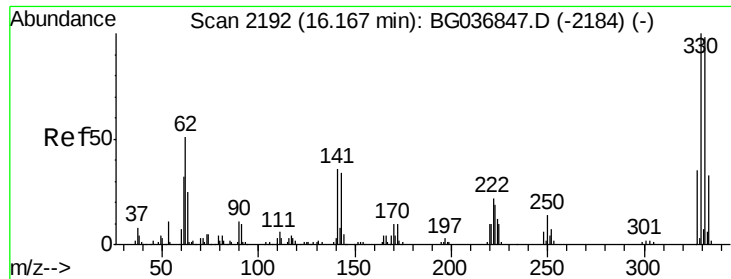
Sohil  
 10/2/2018 5:28:58 PM



#40  
 Hexachlorocyclopentadiene  
 Concen: 86.583 ng  
 RT: 12.83 min Scan# 1625  
 Delta R.T. -0.02 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 237     | 100  |       | 192151 |       |       |
| 235     | 63.1 | 42.2  | 82.2   |       |       |
| 272     | 11.9 | 0.0   | 32.1   |       |       |





#41

2,4,6-Tribromophenol

Concen: 112.924 ng

RT: 16.15 min Scan# 2190

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA\_G

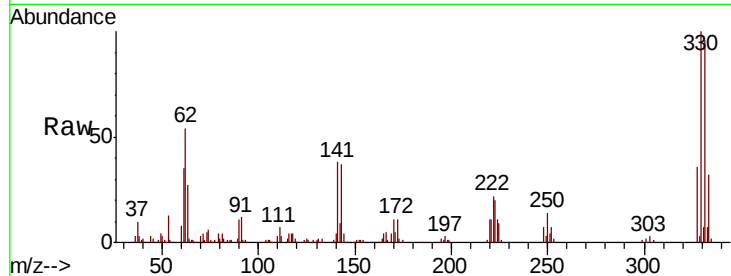
ClientSampleId :

PB113393BSD

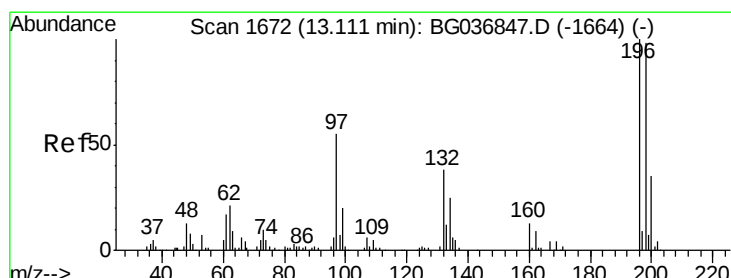
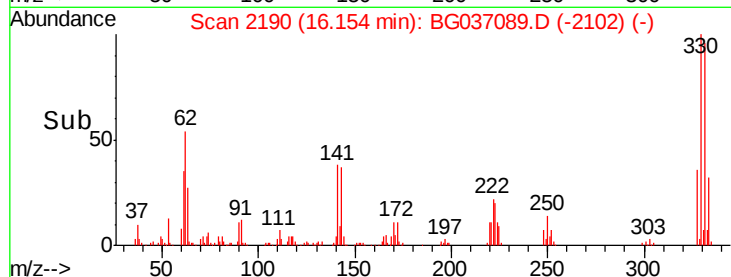
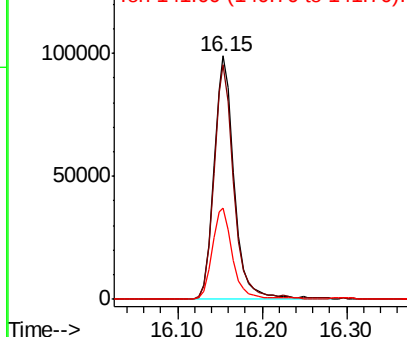
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 330   | Resp: | 167153 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.5  | 75.4  | 113.2  |
| 141       | 38.2  | 30.7  | 46.1   |

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



#42

2,4,6-Trichlorophenol

Concen: 42.505 ng

RT: 13.10 min Scan# 1670

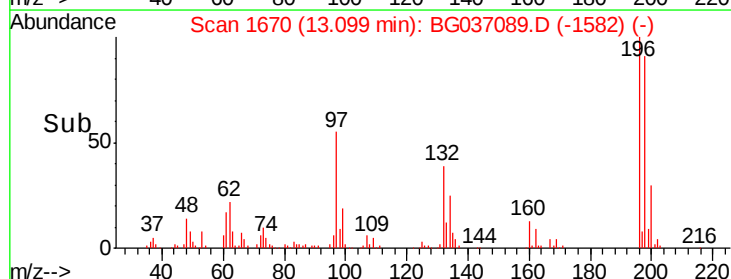
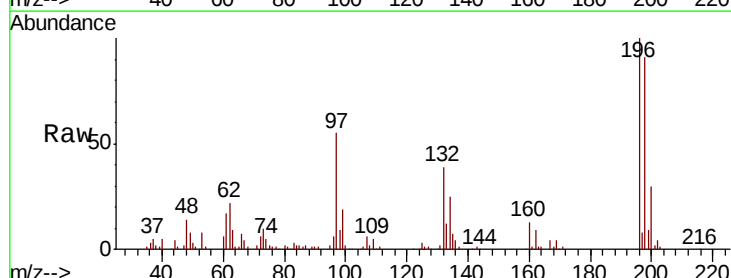
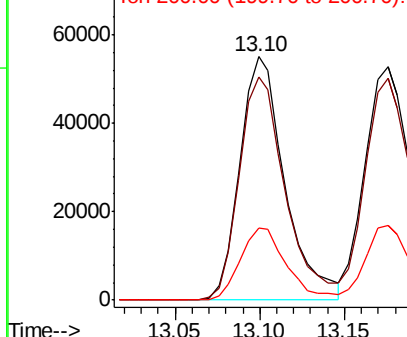
Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 101850 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 91.5  | 77.2  | 115.8  |
| 200       | 29.7  | 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





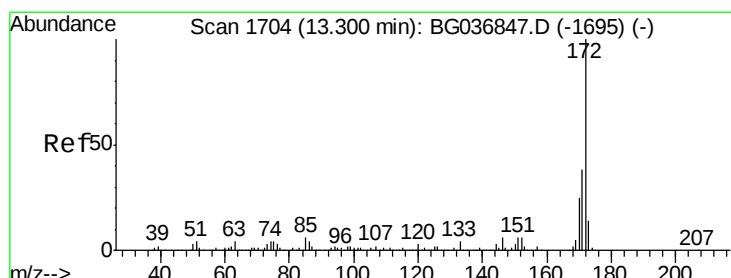
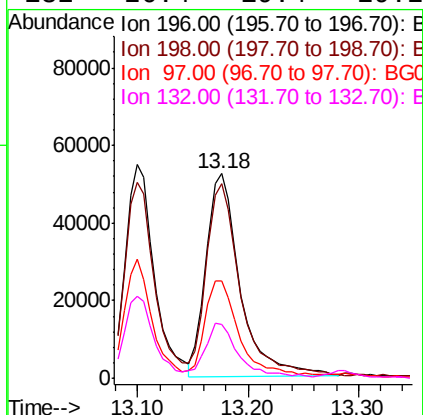
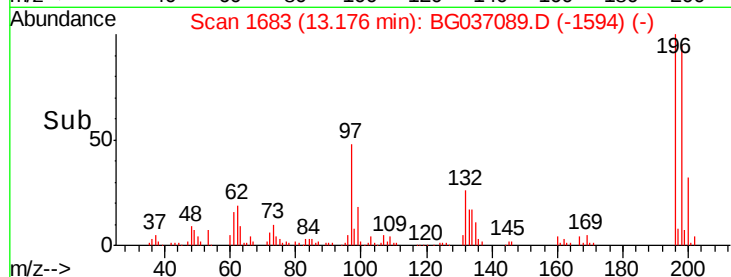
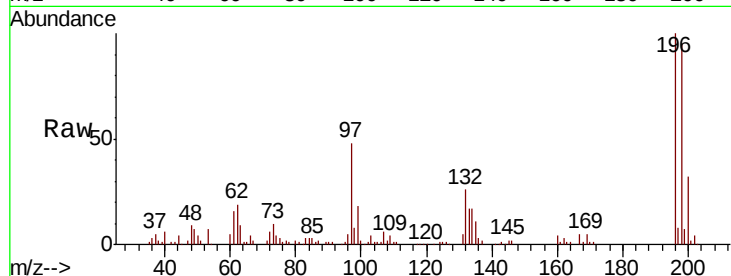
#43  
 2,4,5-Trichlorophenol  
 Concen: 43.521 ng  
 RT: 13.18 min Scan# 1683  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113393BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 111199 |       |       |
| 198     | 95.2  | 75.6   | 113.4 |       |
| 97      | 47.5  | 37.2   | 55.8  |       |
| 132     | 26.4  | 19.4   | 29.2  |       |

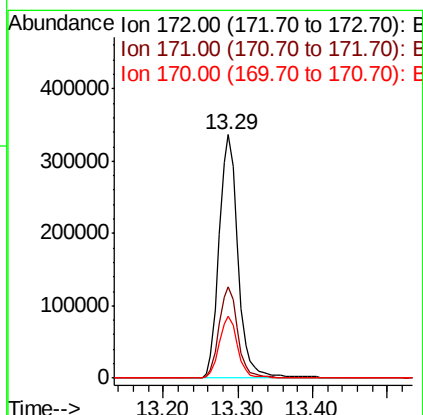
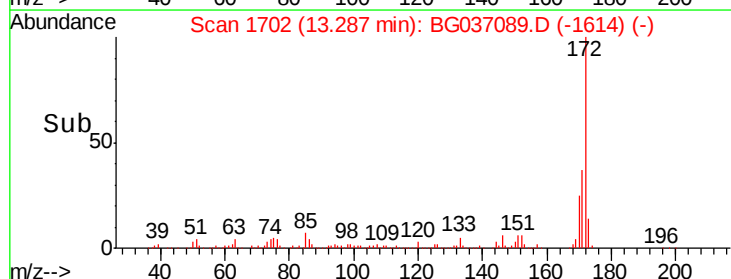
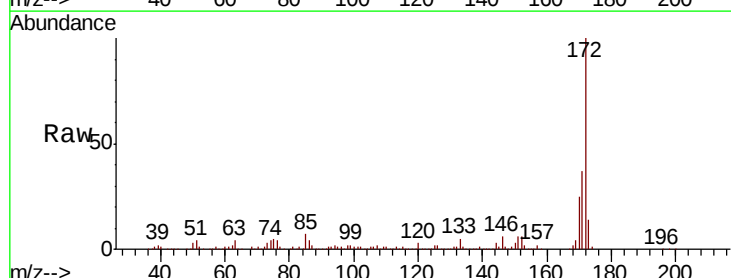
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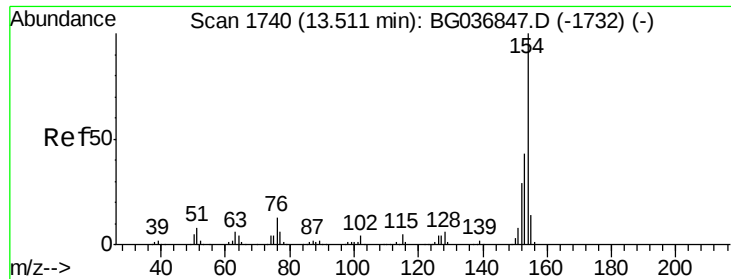
Sohil  
 10/2/2018 5:28:58 PM



#44  
 2-Fluorobiphenyl  
 Concen: 71.440 ng  
 RT: 13.29 min Scan# 1702  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 593426 |       |       |
| 171     | 37.5  | 31.3   | 46.9  |       |
| 170     | 25.3  | 21.0   | 31.6  |       |





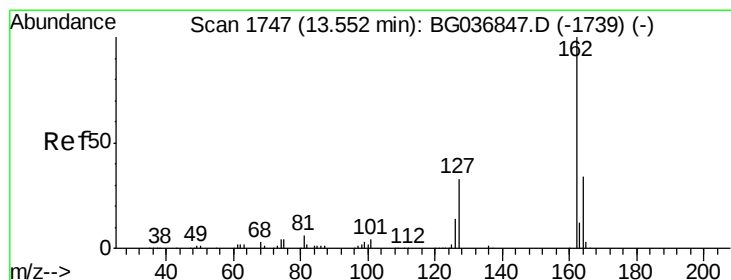
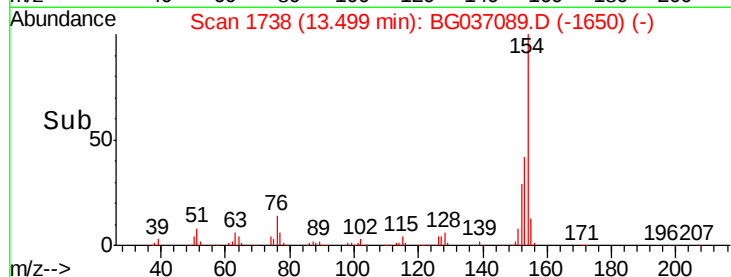
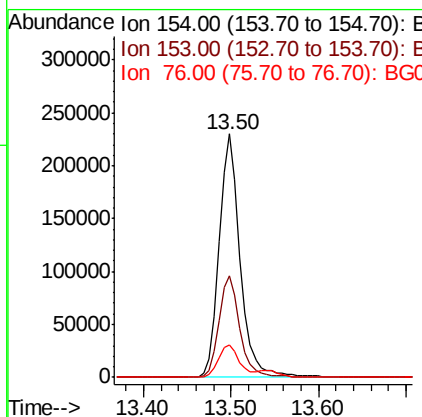
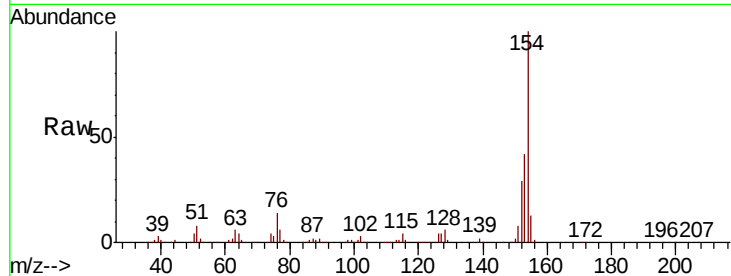
#45  
 1,1'-Biphenyl  
 Concen: 40.356 ng  
 RT: 13.50 min Scan# 1738  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113393BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 41.5  | 24.0 | 64.0  |       |
| 76      | 13.6  | 0.0  | 32.9  |       |

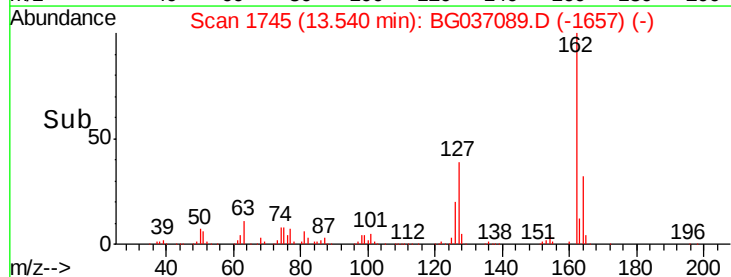
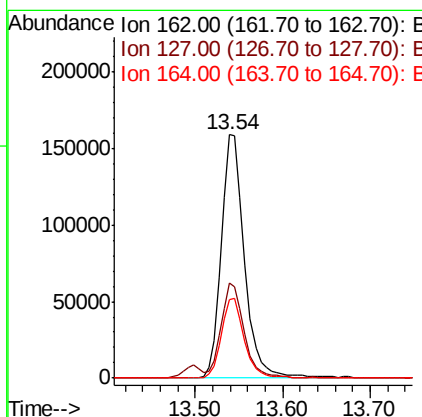
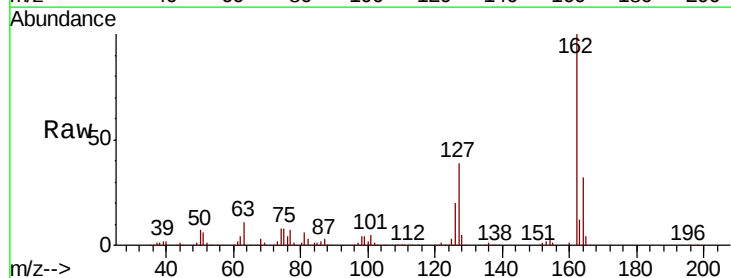
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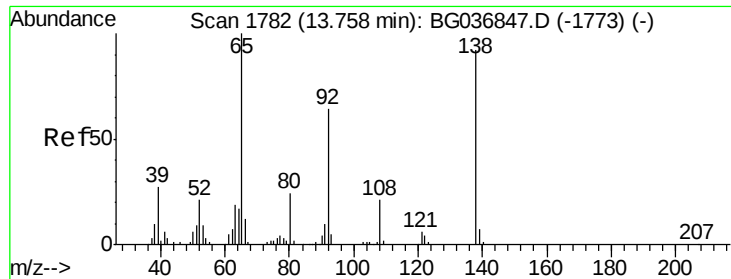
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 10/2/2018 5:28:58 PM



#46  
 2-Chloronaphthalene  
 Concen: 39.149 ng  
 RT: 13.54 min Scan# 1745  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 39.3  | 30.7 | 46.1  |       |
| 164     | 32.4  | 26.7 | 40.1  |       |





#47

2-Nitroaniline

Concen: 41.264 ng

RT: 13.75 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA\_G

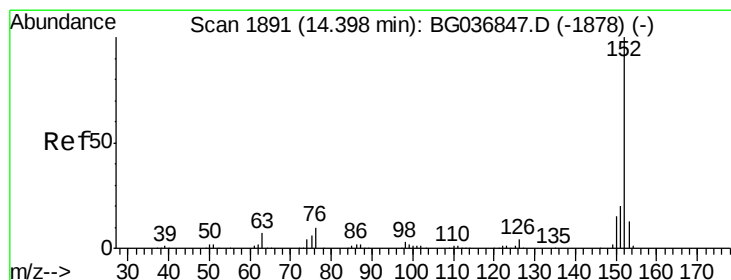
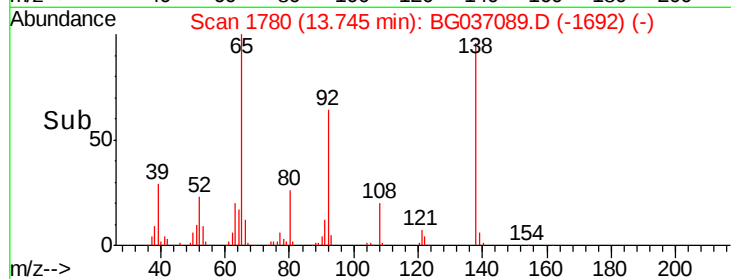
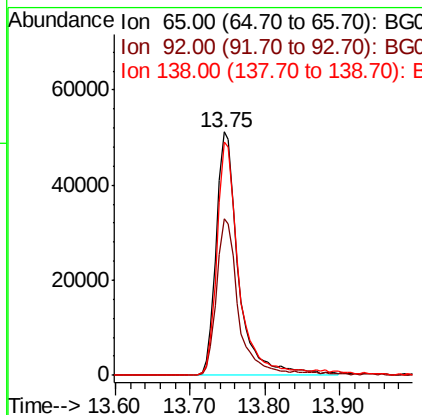
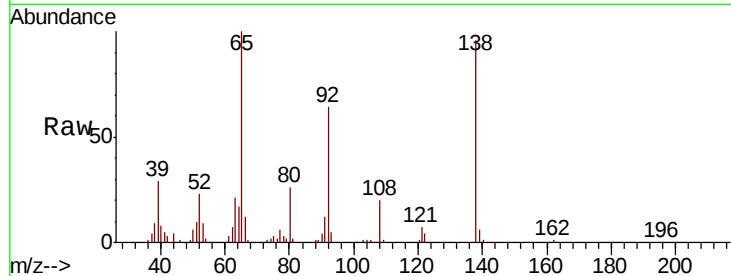
ClientSampleId :

PB113393BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 65    | Resp: | 106350 |
| Ion Ratio | Lower | Upper |        |
| 65        | 100   |       |        |
| 92        | 64.4  | 49.9  | 74.9   |
| 138       | 95.7  | 76.2  | 114.4  |

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#48

Acenaphthylene

Concen: 43.657 ng

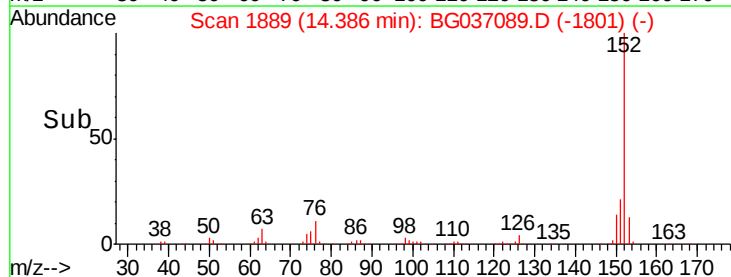
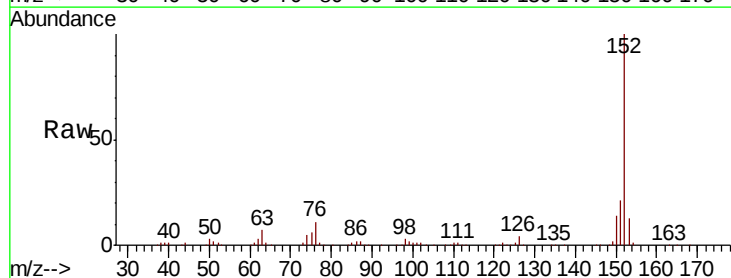
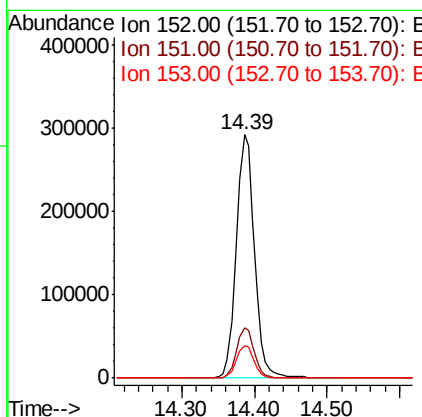
RT: 14.39 min Scan# 1889

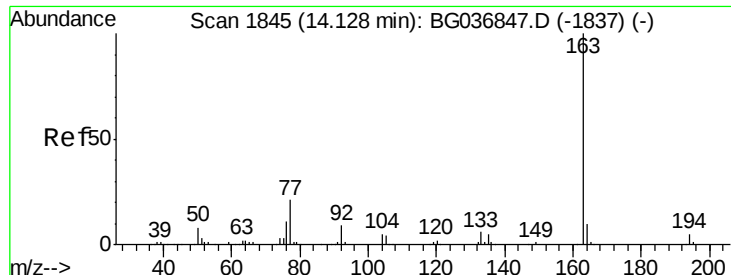
Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 509751 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.6  | 16.9  | 25.3   |
| 153       | 13.5  | 11.2  | 16.8   |





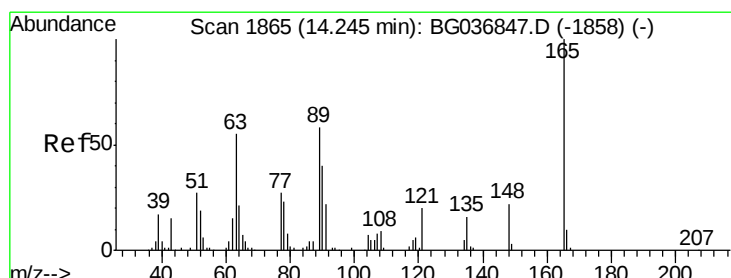
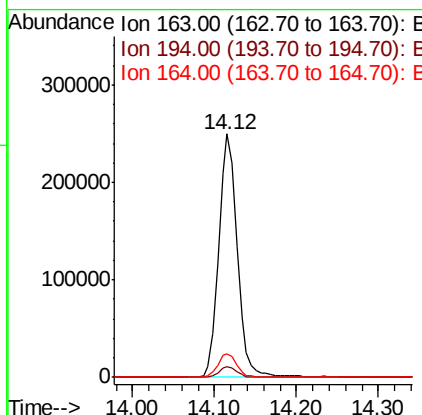
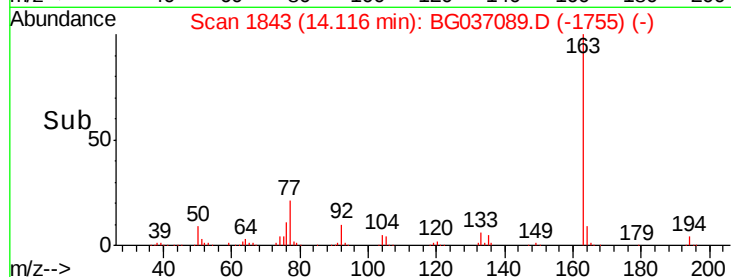
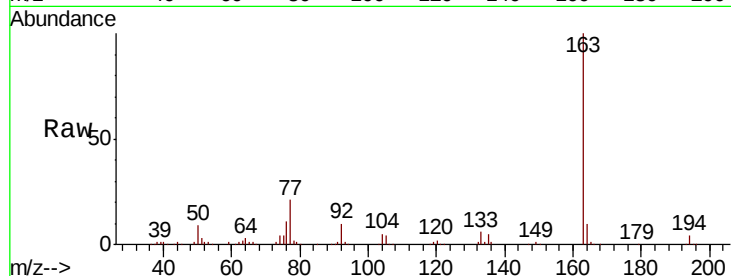
#49  
Dimethylphthalate  
Concen: 39.675 ng  
RT: 14.12 min Scan# 1843  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 395102 |       |       |
| 194     | 4.4   | 4.0    | 6.0   |       |
| 164     | 9.8   | 8.1    | 12.1  |       |

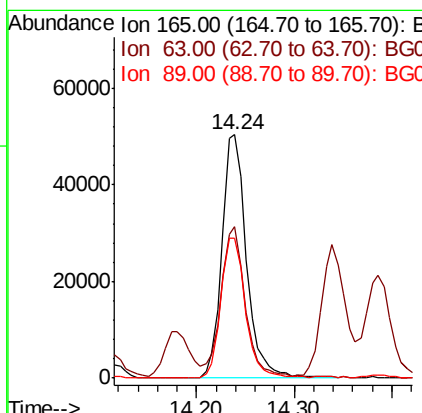
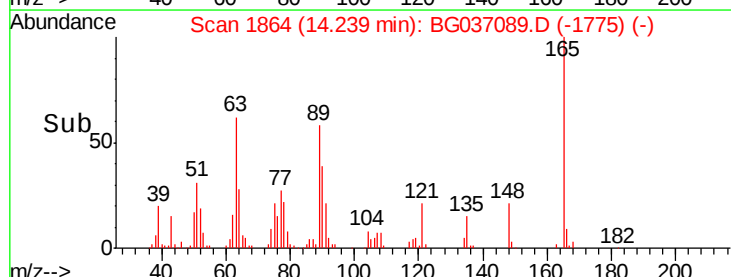
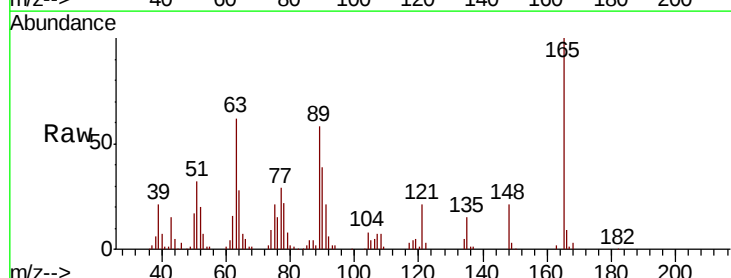
Manual Integrations  
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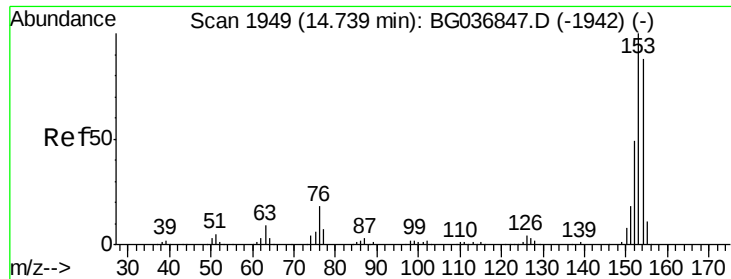
Sohil  
10/2/2018 5:28:58 PM



#50  
2,6-Dinitrotoluene  
Concen: 40.505 ng  
RT: 14.24 min Scan# 1864  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 88009 |       |       |
| 63      | 62.1  | 50.1  | 75.1  |       |
| 89      | 57.7  | 47.8  | 71.6  |       |





#51

Acenaphthene

Concen: 40.501 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA\_G

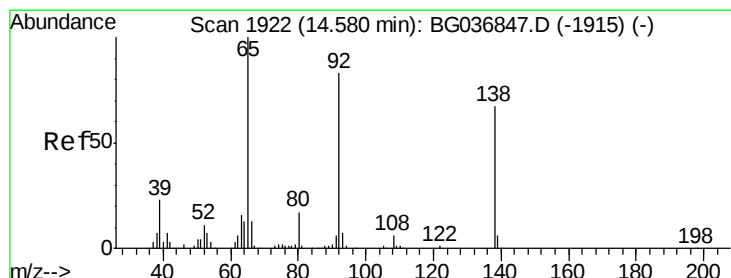
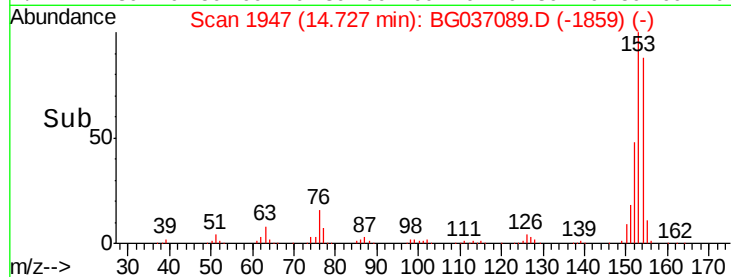
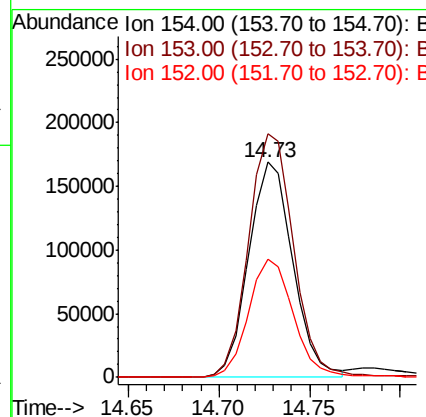
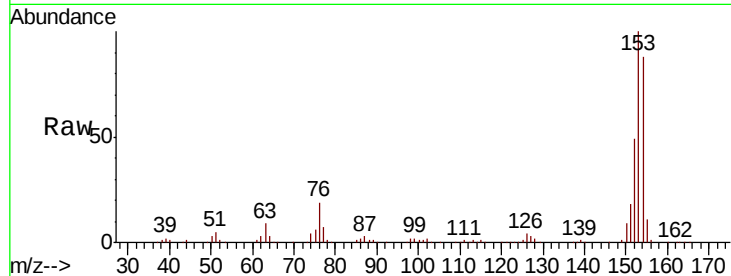
ClientSampleId :

PB113393BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 285813 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.1 | 91.8  | 137.6  |
| 152       | 55.0  | 43.5  | 65.3   |

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10/2/2018 5:28:58 PM



#52

3-Nitroaniline

Concen: 14.272 ng

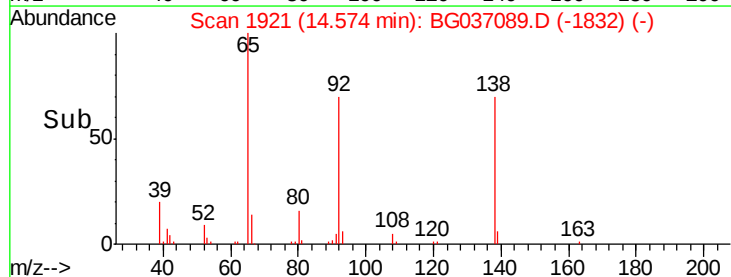
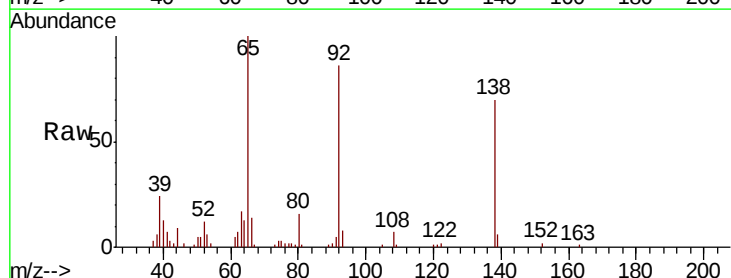
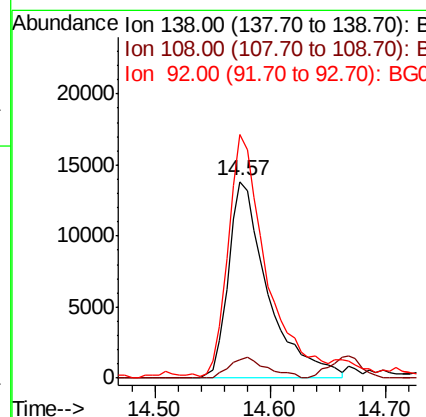
RT: 14.57 min Scan# 1921

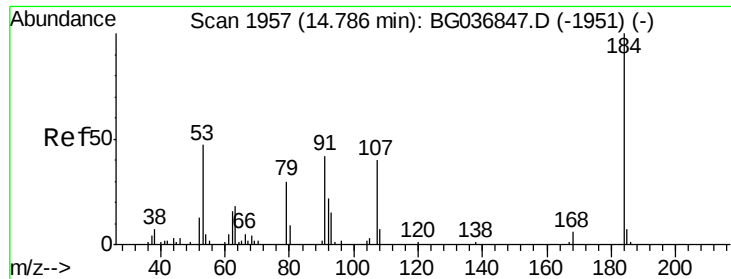
Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 32676 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 9.4   | 9.4   | 14.2# |
| 92        | 124.0 | 96.8  | 145.2 |





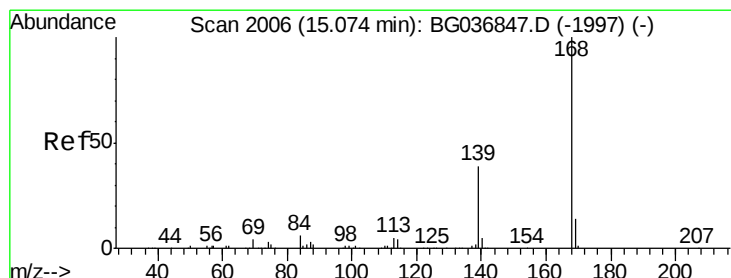
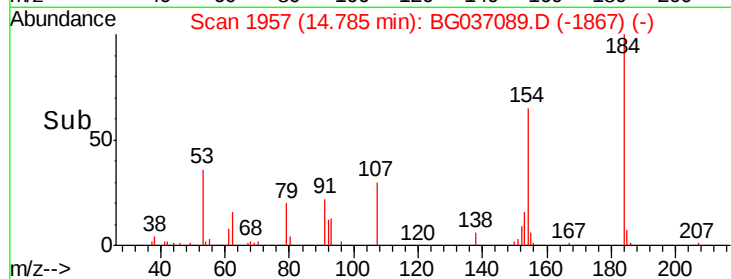
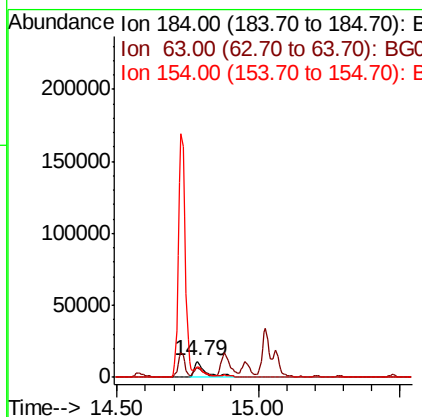
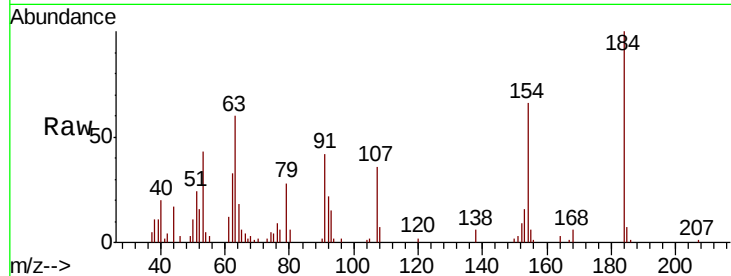
#53  
2,4-Dinitrophenol  
Concen: 40.539 ng m  
RT: 14.79 min Scan# 1957  
Delta R.T. -0.00 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 60.4  | 47.3  | 70.9  |
| 154     | 66.1  | 51.1  | 76.7  |

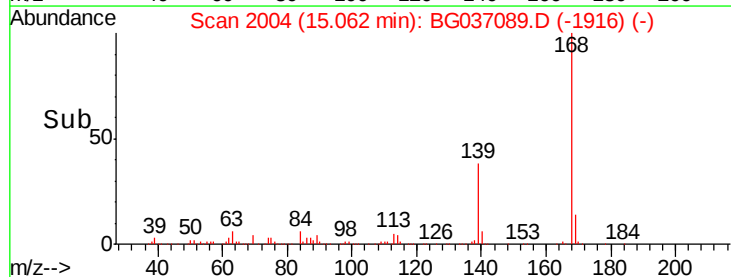
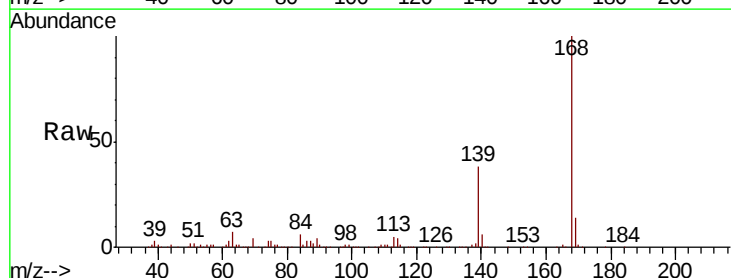
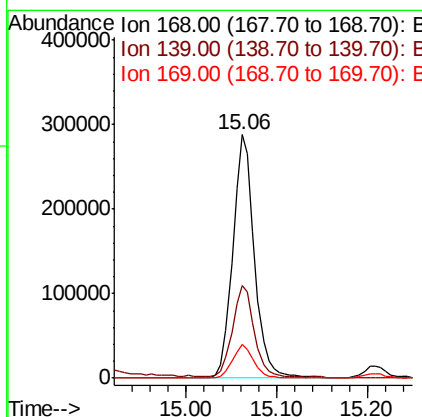
Manual Integrations  
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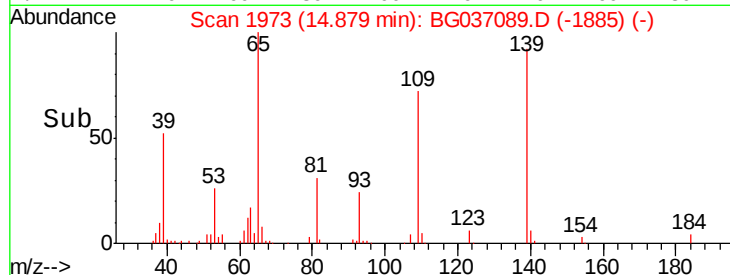
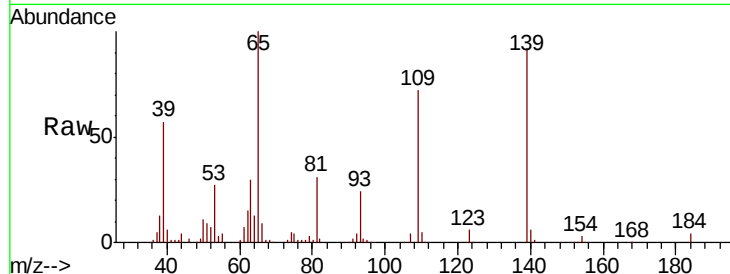
Sohil  
10/2/2018 5:28:58 PM



#54  
Dibenzofuran  
Concen: 40.141 ng  
RT: 15.06 min Scan# 2004  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.1  | 31.0  | 46.6  |
| 169     | 13.6  | 11.1  | 16.7  |





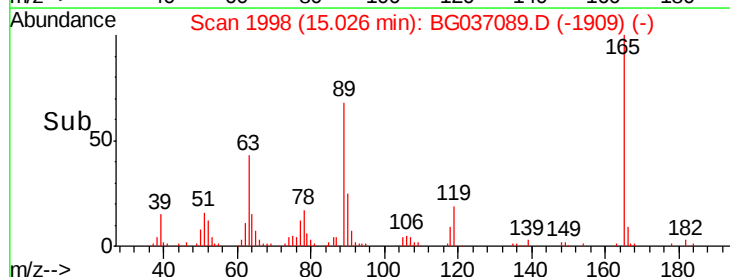
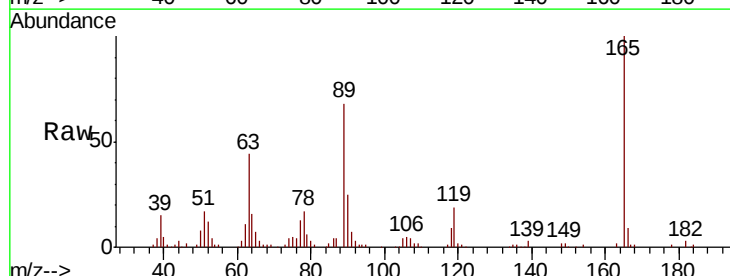
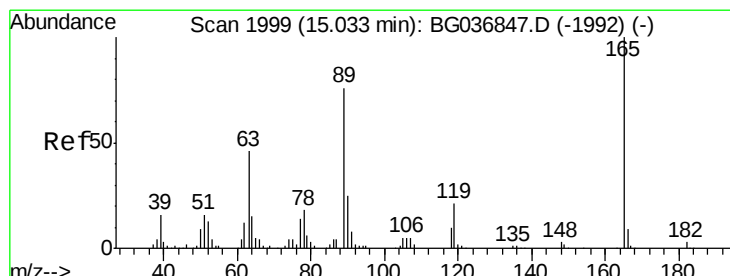
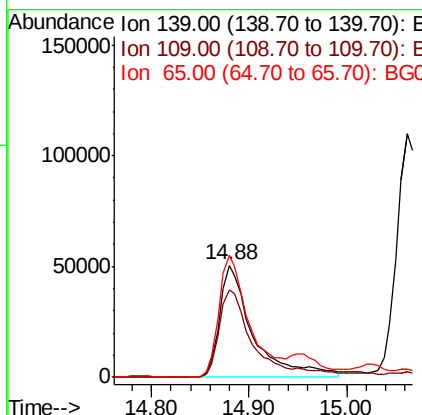
#55  
4-Nitrophenol  
Concen: 82.165 ng  
RT: 14.88 min Scan# 1973  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 78.3  | 63.9 | 103.9 |       |
| 65      | 109.0 | 90.0 | 130.0 |       |

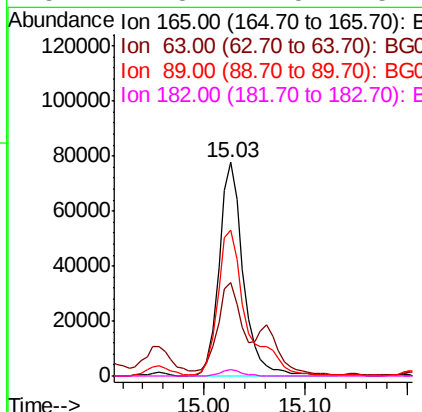
Manual Integrations  
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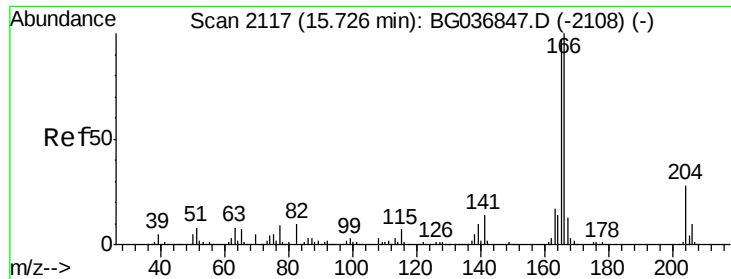
Sohil  
10/2/2018 5:28:58 PM



#56  
2,4-Dinitrotoluene  
Concen: 42.323 ng  
RT: 15.03 min Scan# 1998  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 165     | 100   |      |       |       |
| 63      | 43.5  | 40.1 | 60.1  |       |
| 89      | 68.4  | 63.7 | 95.5  |       |
| 182     | 2.8   | 2.5  | 3.7   |       |





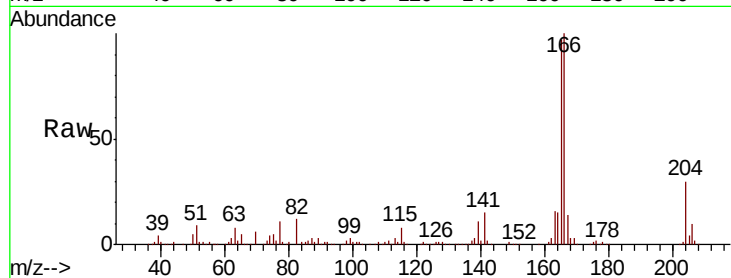
#57  
 Fluorene  
 Concen: 43.233 ng  
 RT: 15.71 min Scan# 2115  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113393BSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 385714 |       |       |
| 165     | 97.2  |        | 77.0  | 115.4 |
| 167     | 13.8  |        | 10.6  | 16.0  |

Manual Integrations  
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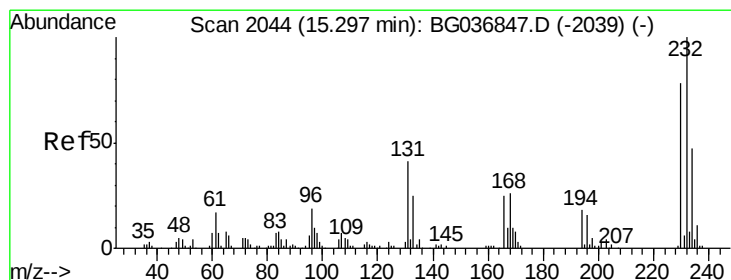
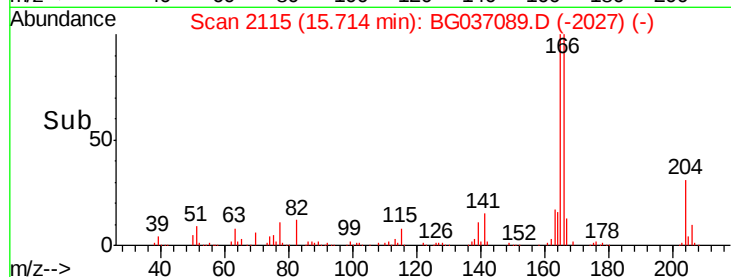
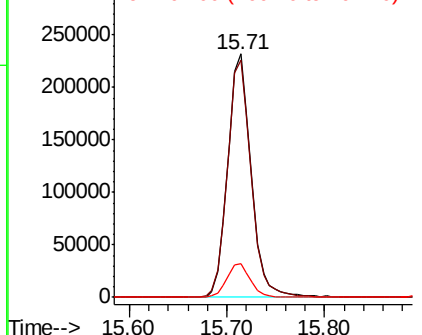


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.568 ng  
 RT: 15.29 min Scan# 2043  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 112926 |       |       |
| 131     | 41.6  |        | 33.8  | 50.8  |
| 130     | 2.3   |        | 2.1   | 3.1   |
| 166     | 30.5  |        | 22.3  | 33.5  |

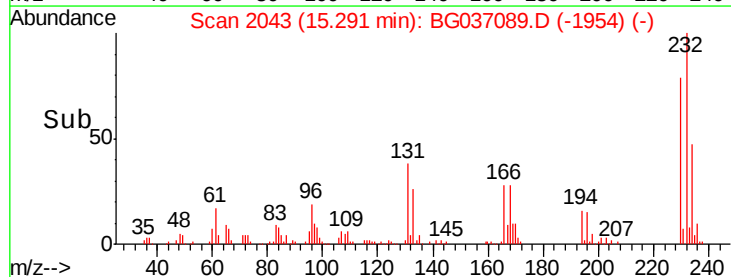
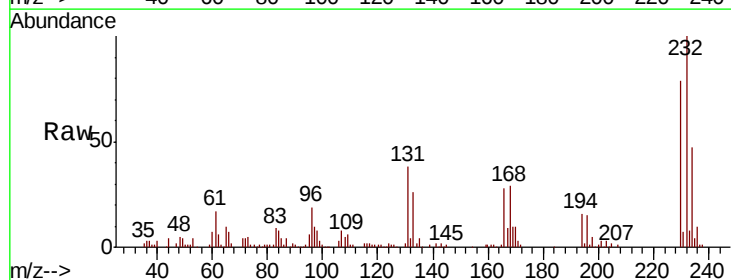
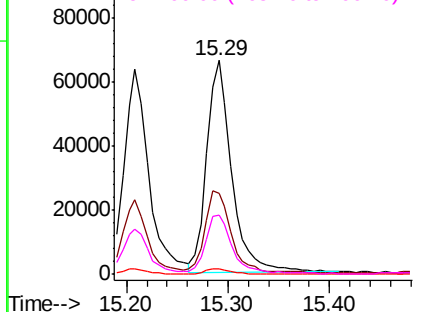
Abundance

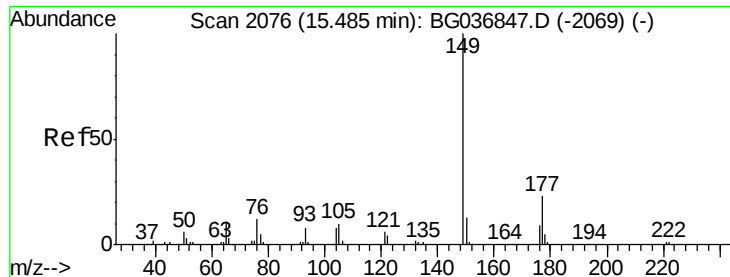
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





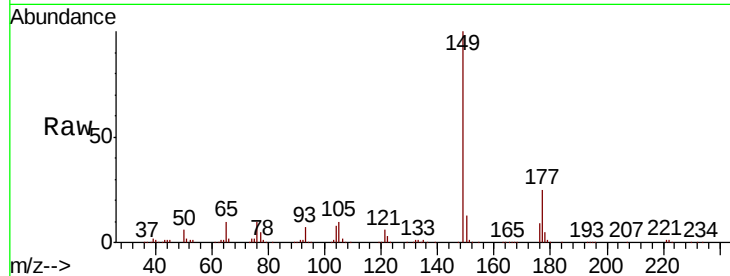
#59  
Diethylphthalate  
Concen: 39.992 ng  
RT: 15.48 min Scan# 2075  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

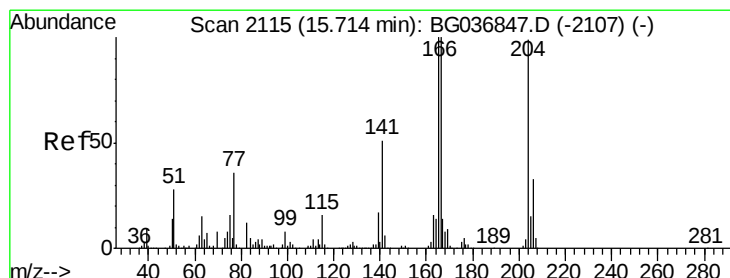
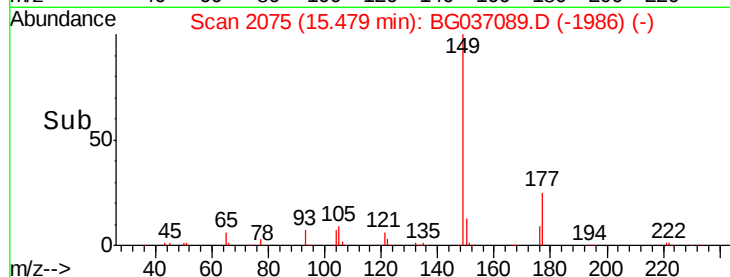
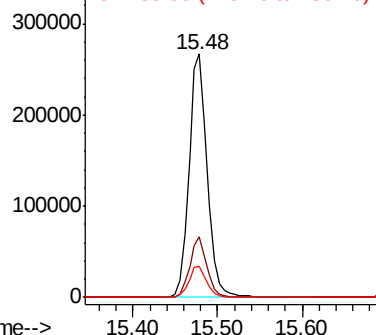
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.8  | 19.1  | 28.7  |
| 150     | 12.6  | 10.7  | 16.1  |

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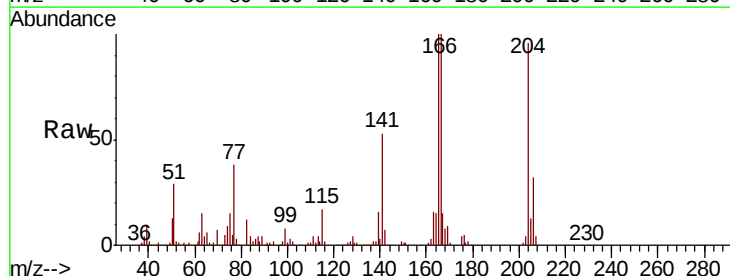


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

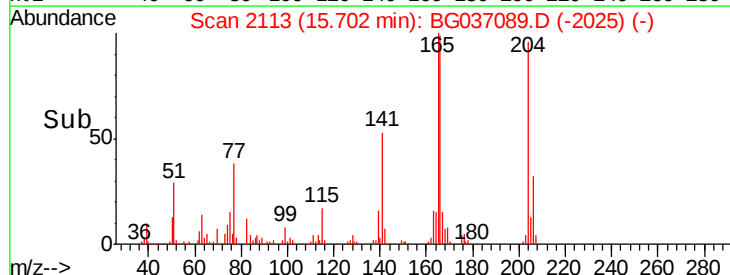
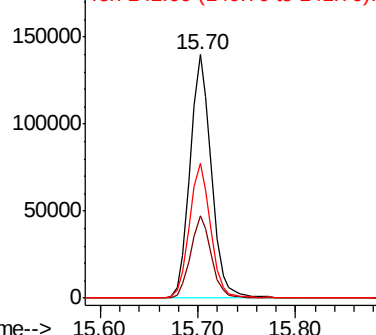


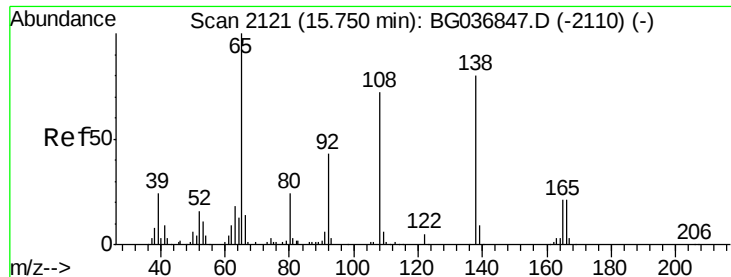
#60  
4-Chlorophenyl-phenylether  
Concen: 37.631 ng  
RT: 15.70 min Scan# 2113  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.6  | 27.0  | 40.4  |
| 141     | 55.3  | 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





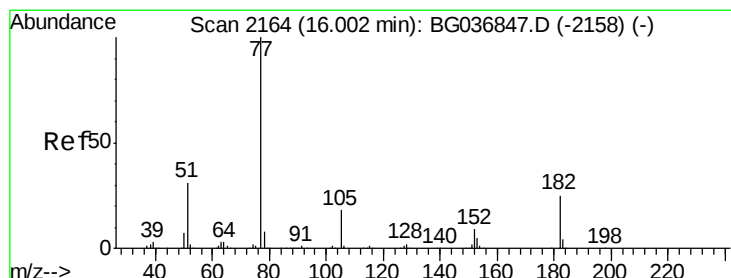
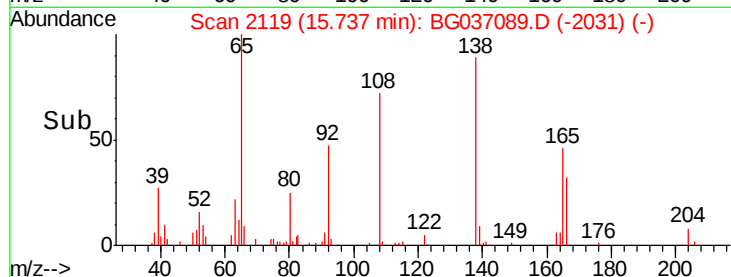
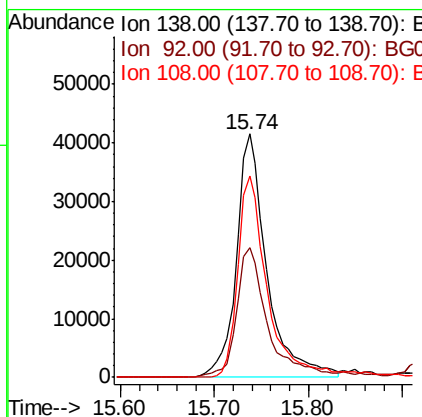
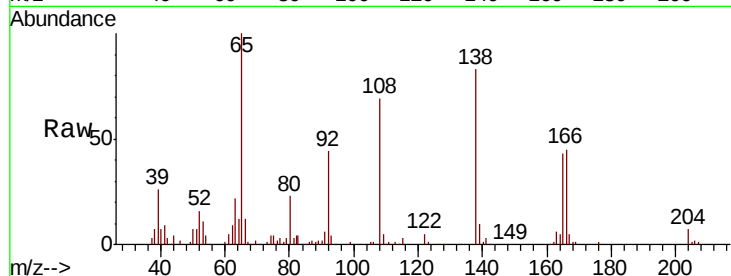
#61  
4-Nitroaniline  
Concen: 38.628 ng  
RT: 15.74 min Scan# 2119  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

Tot Ion:138 Resp: 93029  
Ion Ratio Lower Upper  
138 100  
92 53.2 38.5 78.5  
108 82.7 70.3 110.3

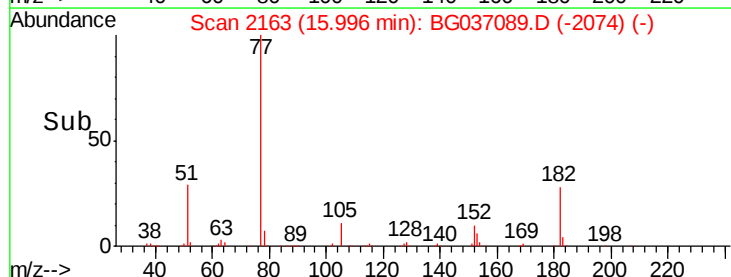
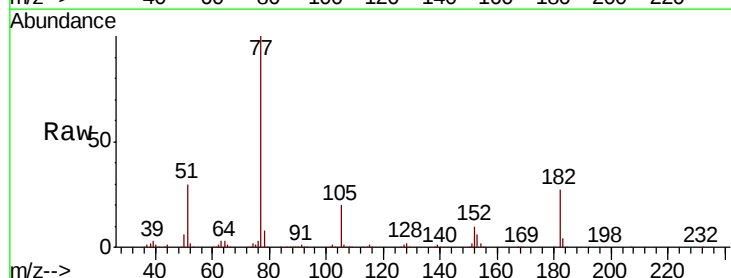
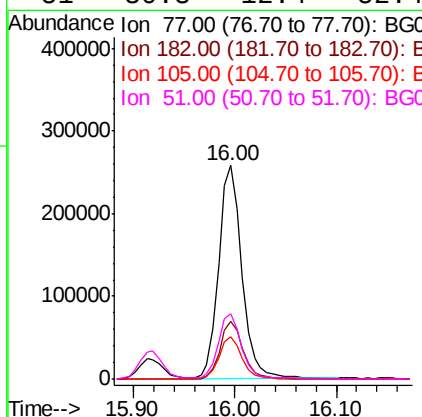
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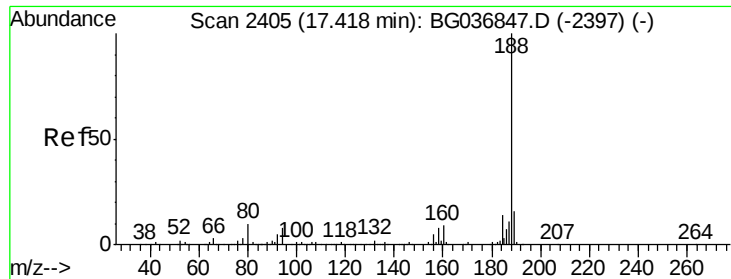
Sohil  
10/2/2018 5:28:58 PM



#62  
Azobenzene  
Concen: 42.182 ng  
RT: 16.00 min Scan# 2163  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Tgt Ion: 77 Resp: 407103  
Ion Ratio Lower Upper  
77 100  
182 26.8 6.7 46.7  
105 19.7 0.0 39.8  
51 30.3 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA\_G

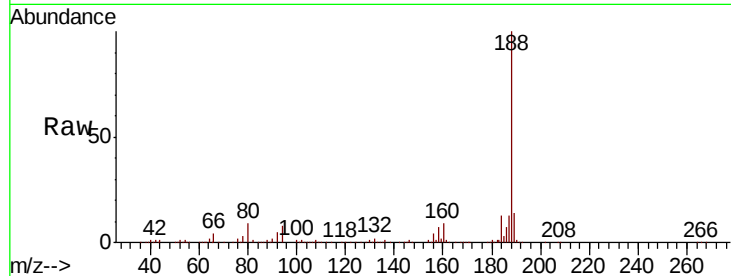
ClientSampleId :

PB113393BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 314667 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 8.5   | 6.7   | 10.1   |
| 80        | 9.0   | 8.1   | 12.1   |

Manual Integrations  
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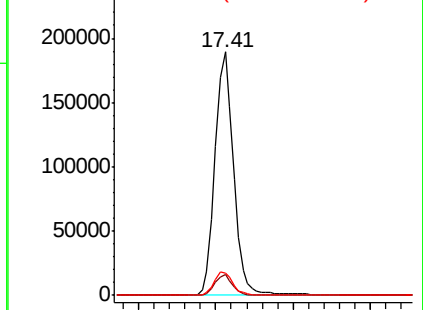
Sohil  
10/2/2018 5:28:58 PM



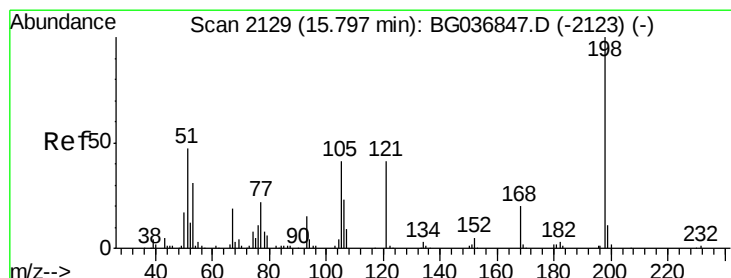
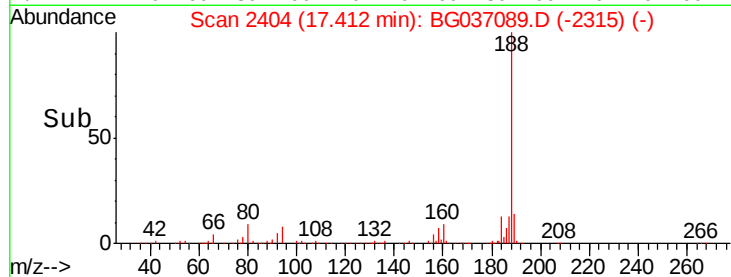
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 27.639 ng

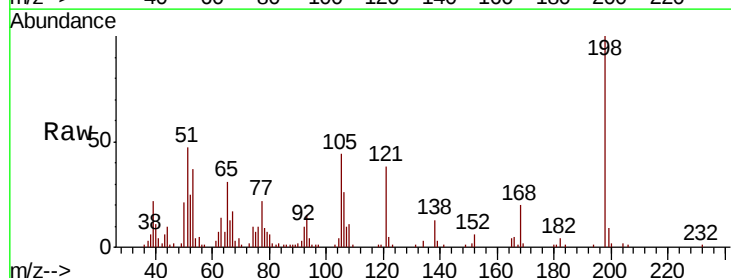
RT: 15.79 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

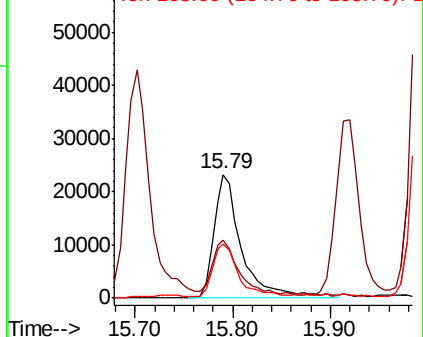
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 45470 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 47.0  | 26.5  | 66.5  |
| 105       | 43.8  | 20.2  | 60.2  |



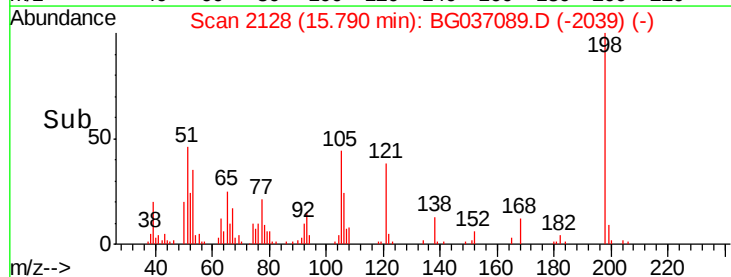
Abundance Ion 198.00 (197.70 to 198.70): E

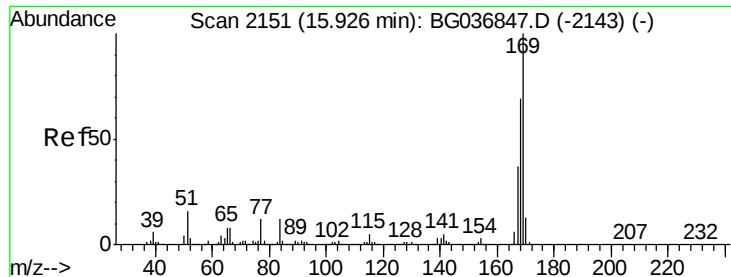
Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E



Time-->





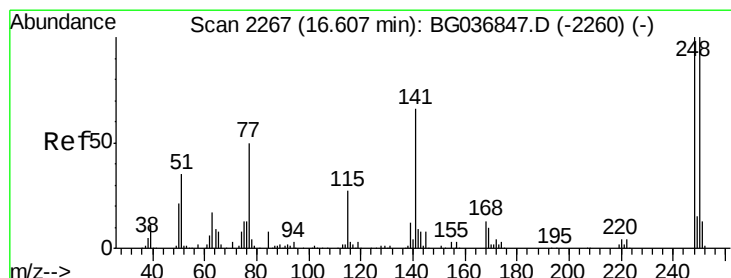
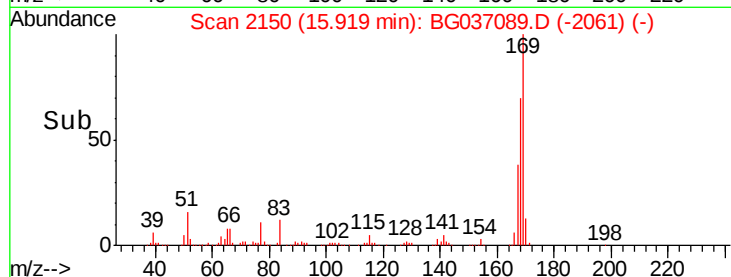
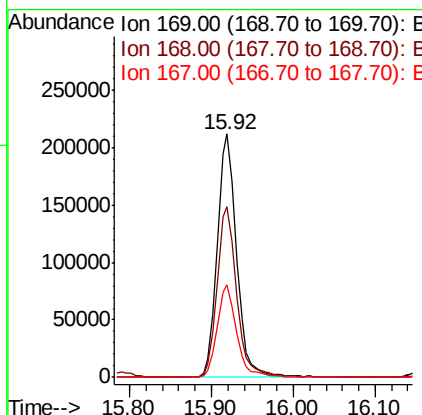
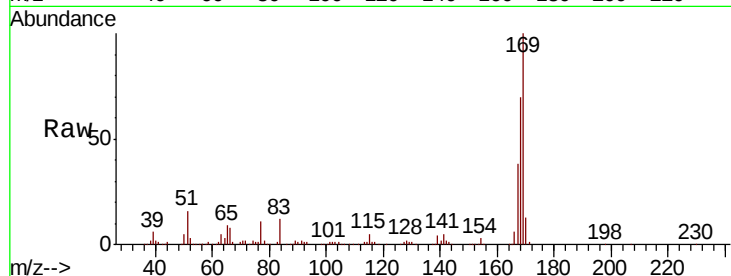
#65  
 n-Nitrosodiphenylamine  
 Concen: 40.352 ng  
 RT: 15.92 min Scan# 2150  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113393BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 70.3  | 57.6  | 86.4  |
| 167     | 38.1  | 31.0  | 46.4  |

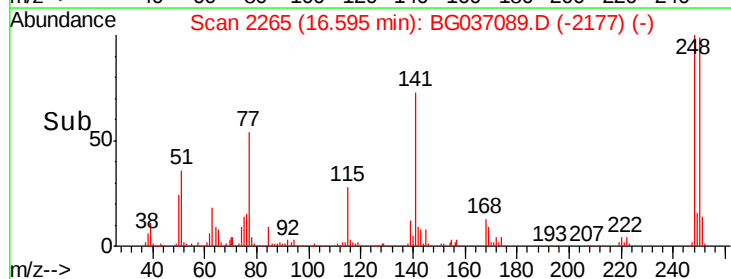
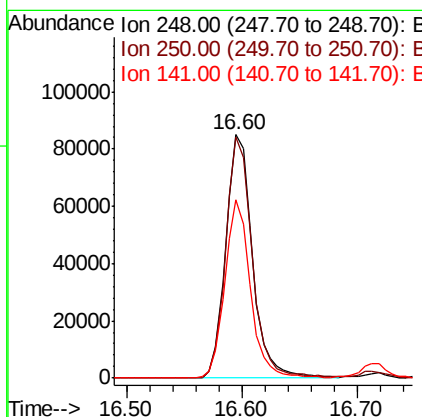
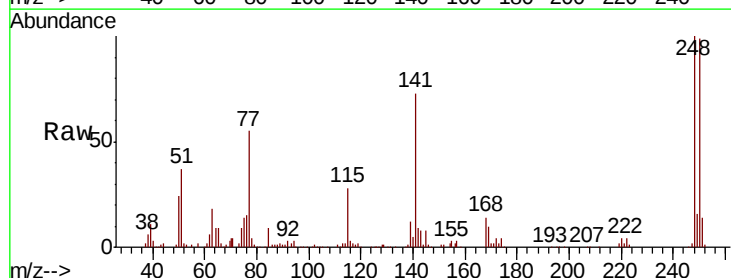
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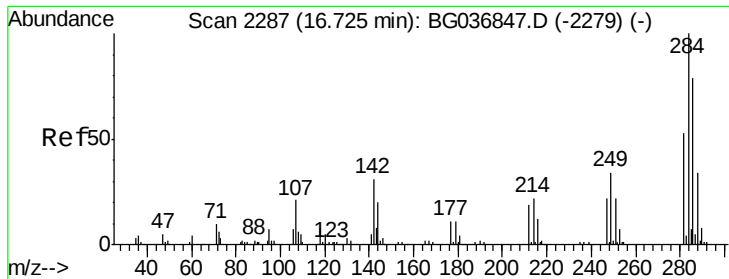
Sohil  
 10/2/2018 5:28:58 PM



#66  
 4-Bromophenyl-phenylether  
 Concen: 38.170 ng  
 RT: 16.60 min Scan# 2265  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.3  | 78.1  | 117.1 |
| 141     | 73.3  | 53.7  | 80.5  |





#67

Hexachlorobenzene

Concen: 37.675 ng

RT: 16.71 min Scan# 2285

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA\_G

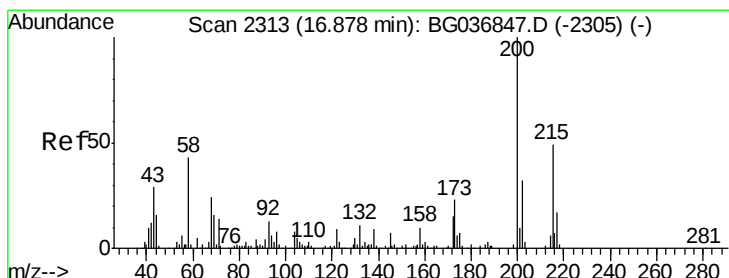
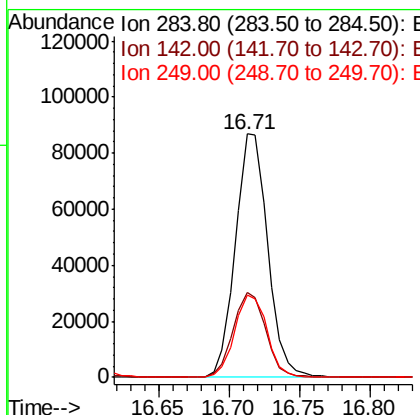
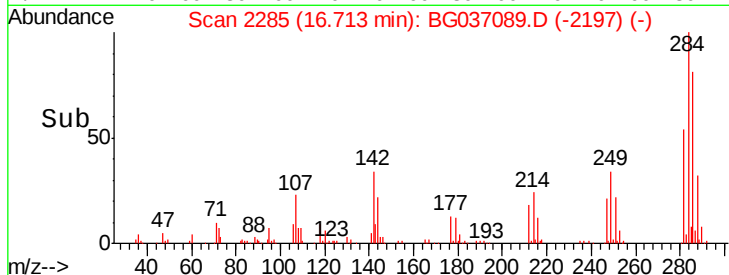
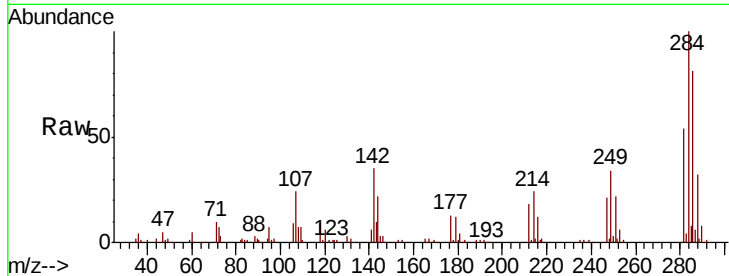
ClientSampleId :

PB113393BSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 138880 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 34.6 | 27.8  | 41.6   |
| 249       | 33.6 | 27.4  | 41.2   |

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#68

Atrazine

Concen: 41.351 ng

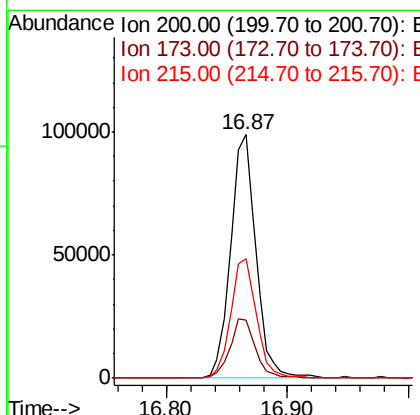
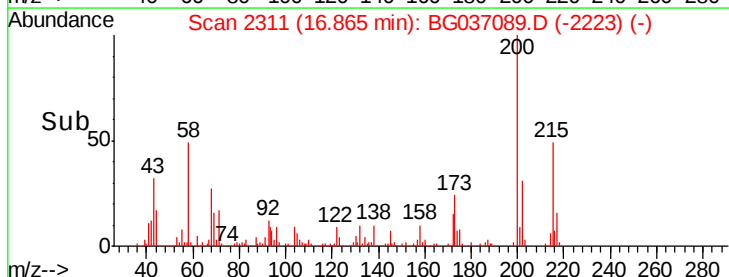
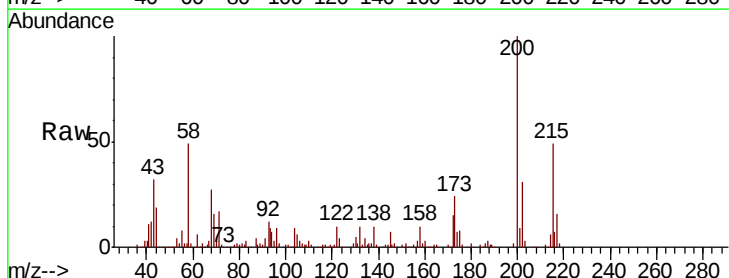
RT: 16.87 min Scan# 2311

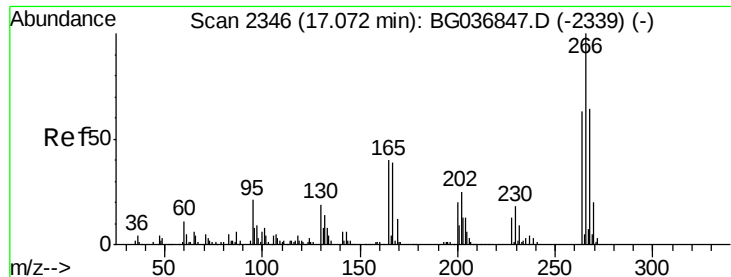
Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 145450 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 23.8 | 3.9   | 43.9   |
| 215       | 49.3 | 30.4  | 70.4   |





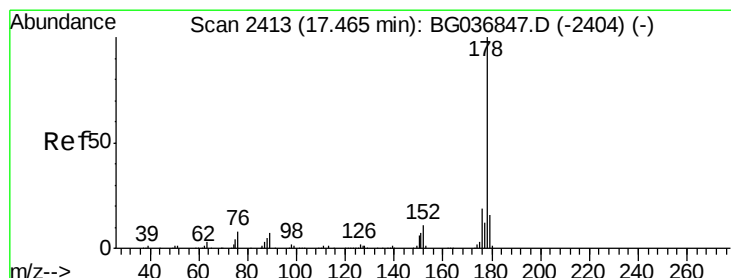
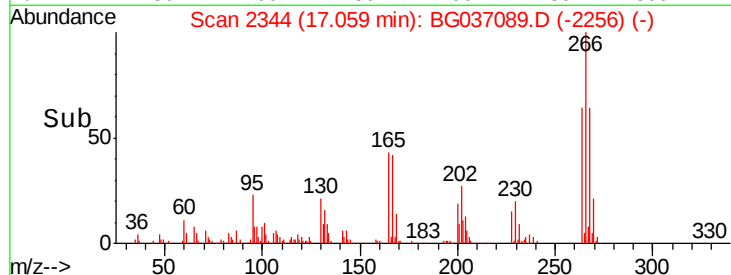
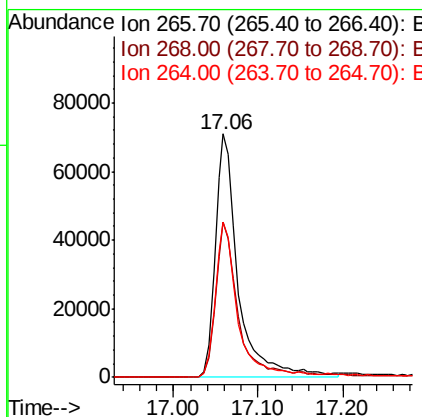
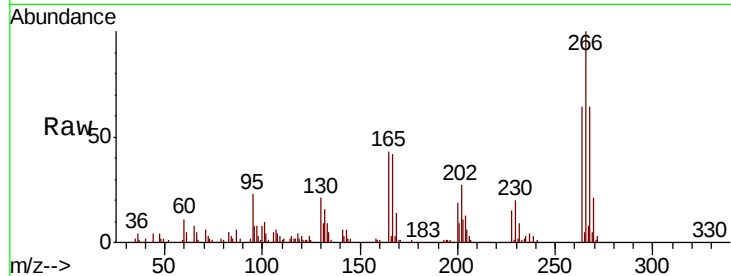
#69  
 Pentachlorophenol  
 Concen: 58.453 ng  
 RT: 17.06 min Scan# 2344  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113393BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.9  | 51.4  | 77.2  |
| 264     | 63.8  | 48.9  | 73.3  |

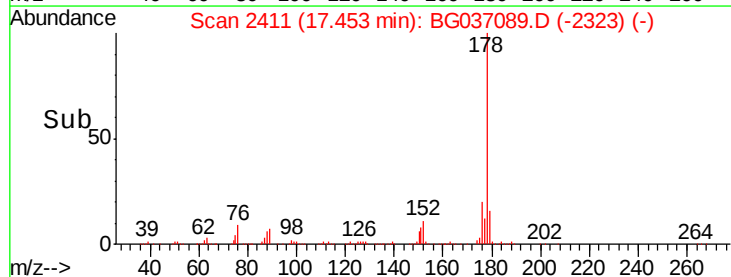
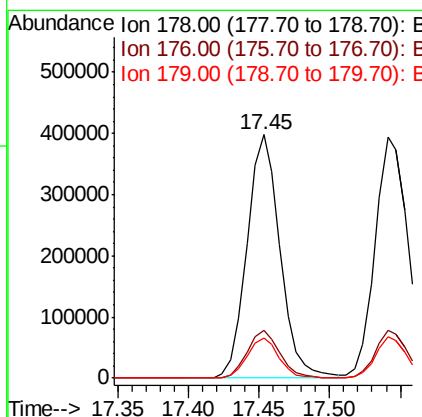
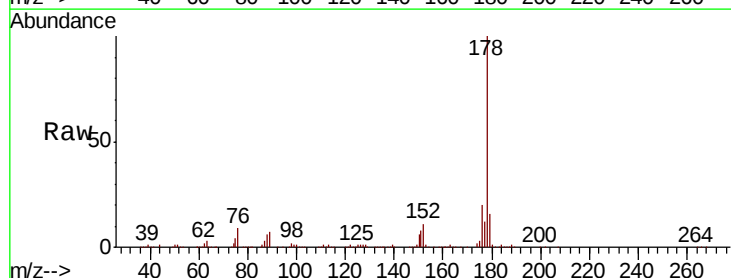
Manual Integrations  
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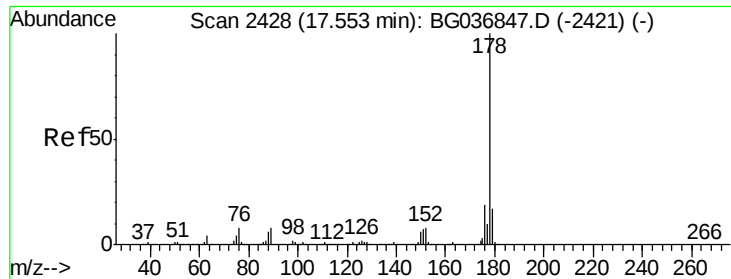
Sohil  
 10/2/2018 5:28:58 PM



#70  
 Phenanthrene  
 Concen: 43.092 ng  
 RT: 17.45 min Scan# 2411  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.4  | 23.2  |
| 179     | 16.4  | 13.4  | 20.2  |





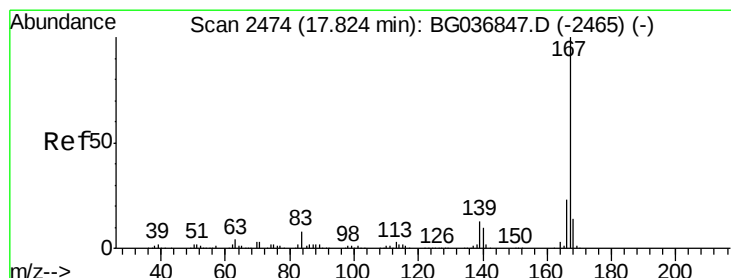
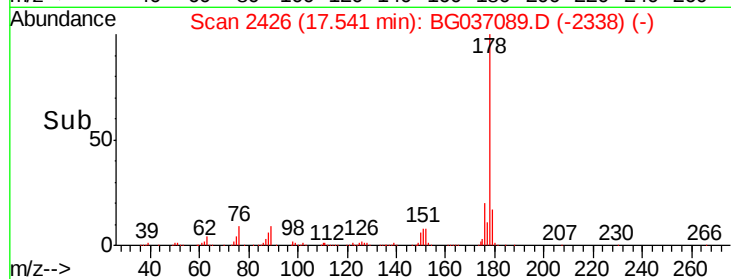
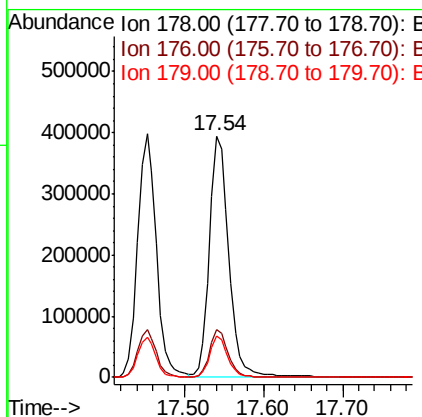
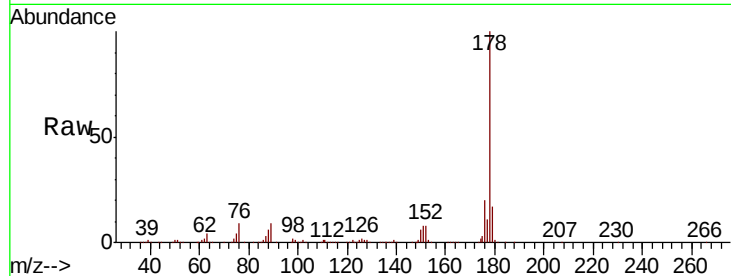
#71  
 Anthracene  
 Concen: 44.649 ng  
 RT: 17.54 min Scan# 2426  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113393BSD

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 178     | 100  |       |       |       |
| 176     | 19.9 | 15.4  | 23.2  |       |
| 179     | 16.9 | 13.0  | 19.4  |       |

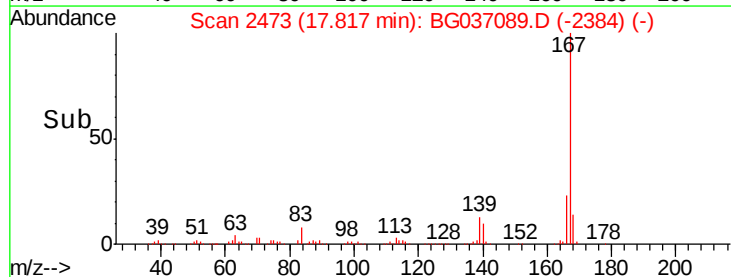
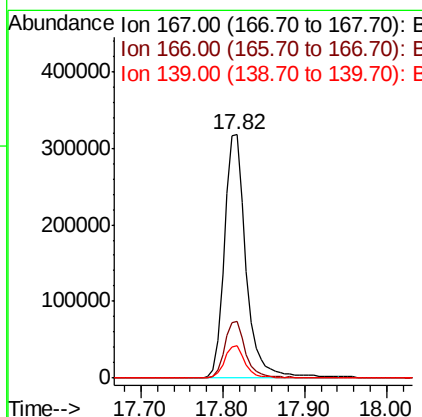
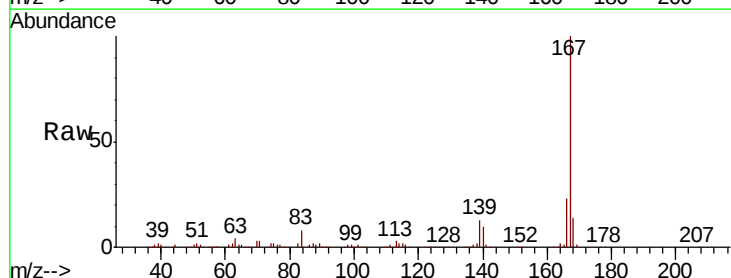
Manual Integrations  
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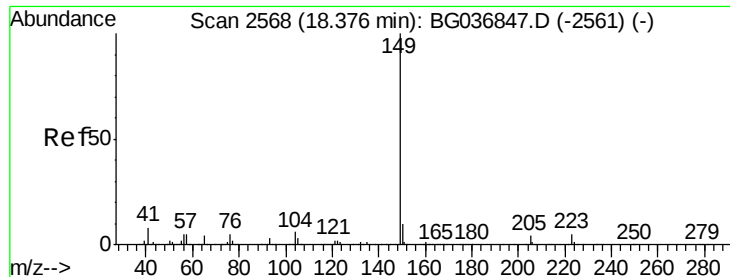
Sohil  
 10/2/2018 5:28:58 PM



#72  
 Carbazole  
 Concen: 40.022 ng  
 RT: 17.82 min Scan# 2473  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 167     | 100  |       |       |       |
| 166     | 23.3 | 19.5  | 29.3  |       |
| 139     | 13.2 | 10.7  | 16.1  |       |





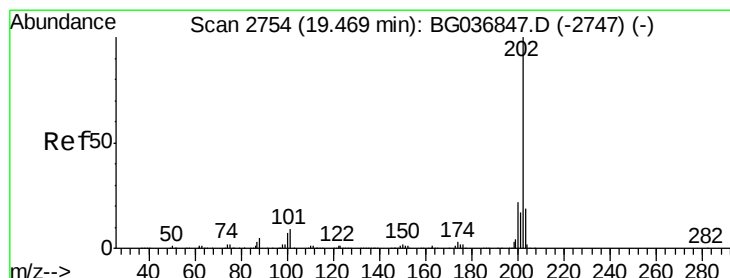
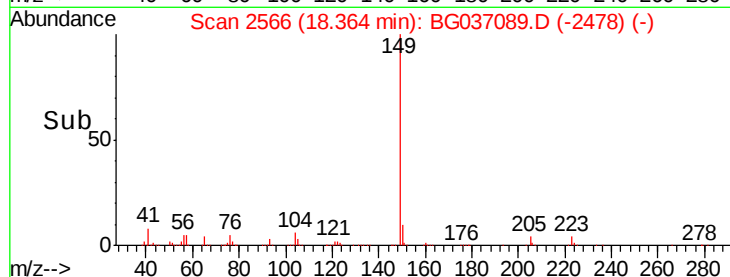
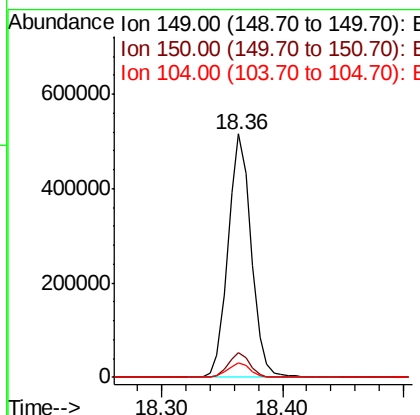
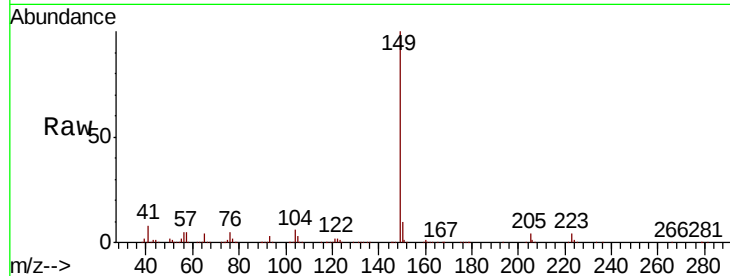
#73  
Di-n-butylphthalate  
Concen: 42.376 ng  
RT: 18.36 min Scan# 2566  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 687971 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.9   | 8.1   | 12.1   |
| 104       | 5.8   | 4.6   | 6.8    |

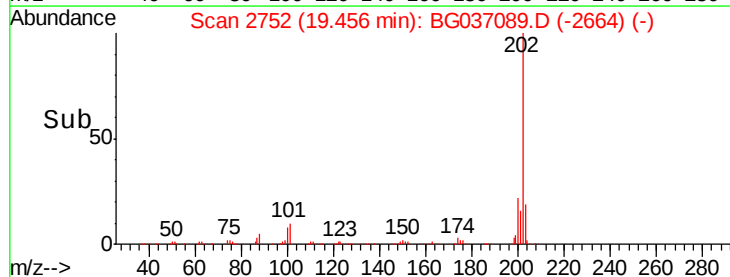
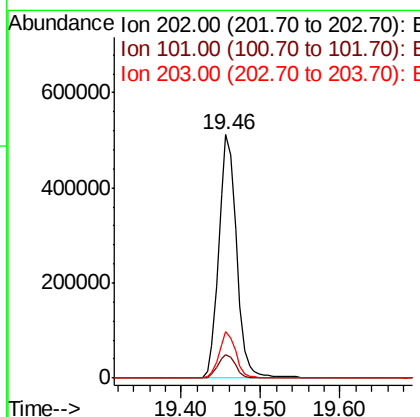
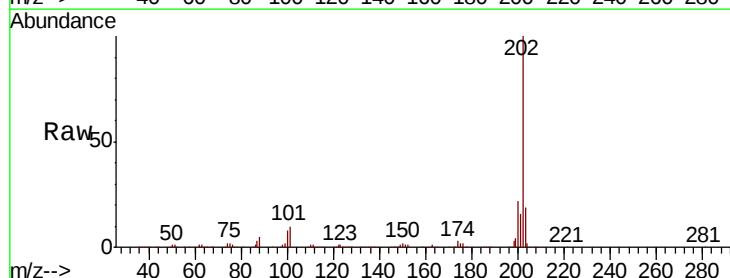
Manual Integrations  
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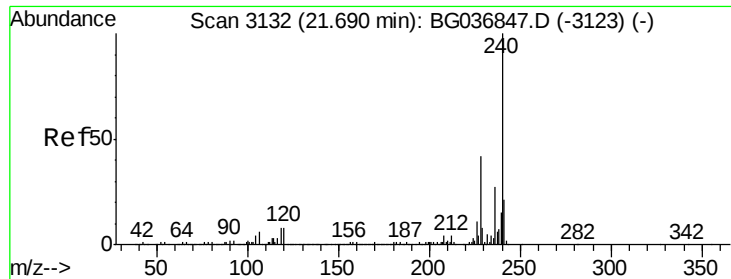
Sohil  
10/2/2018 5:28:58 PM



#74  
Fluoranthene  
Concen: 43.452 ng  
RT: 19.46 min Scan# 2752  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 793110 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 9.8   | 0.0   | 29.4   |
| 203       | 19.0  | 0.0   | 38.9   |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BG037089.D

Acq: 1 Oct 2018 23:30

Instrument :

BNA\_G

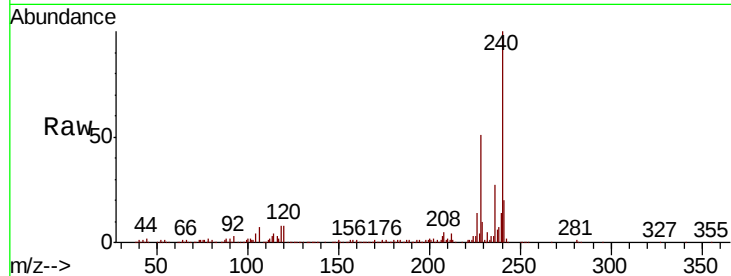
ClientSampleId :

PB113393BSD

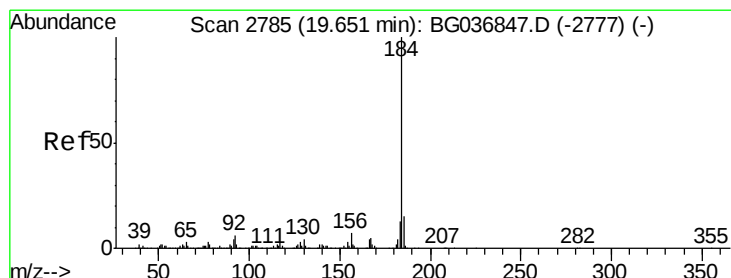
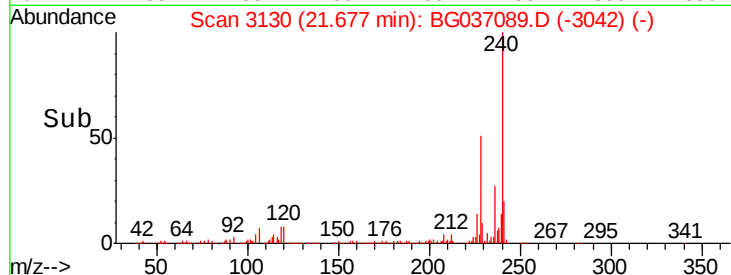
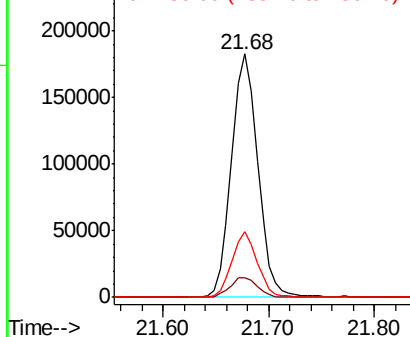
|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 240  | Resp: | 316519 |
| Ion Ratio |      | Lower | Upper  |
| 240       | 100  |       |        |
| 120       | 8.3  | 6.9   | 10.3   |
| 236       | 27.0 | 21.2  | 31.8   |

Manual Integrations  
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Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 16.205 ng

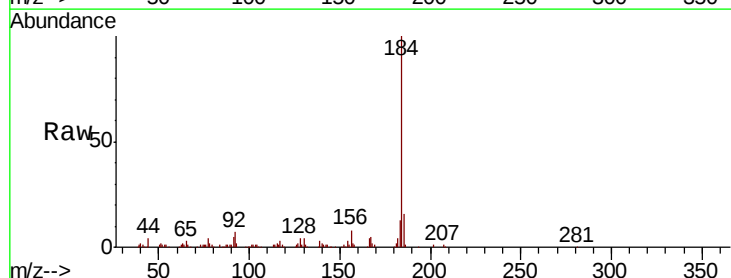
RT: 19.64 min Scan# 2784

Delta R.T. -0.01 min

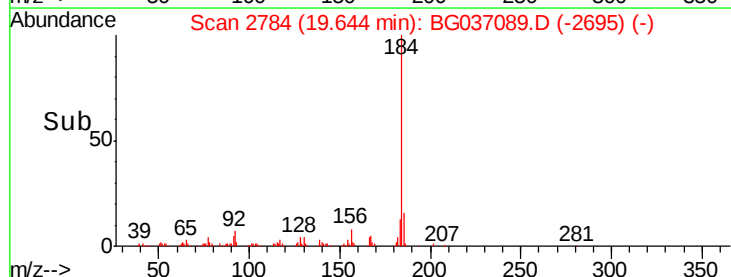
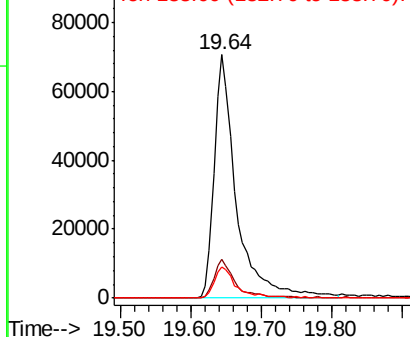
Lab File: BG037089.D

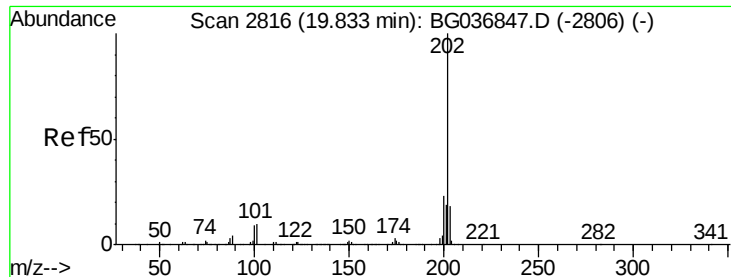
Acq: 1 Oct 2018 23:30

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 184  | Resp: | 155054 |
| Ion Ratio |      | Lower | Upper  |
| 184       | 100  |       |        |
| 185       | 15.9 | 12.6  | 18.8   |
| 183       | 12.8 | 10.9  | 16.3   |



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E





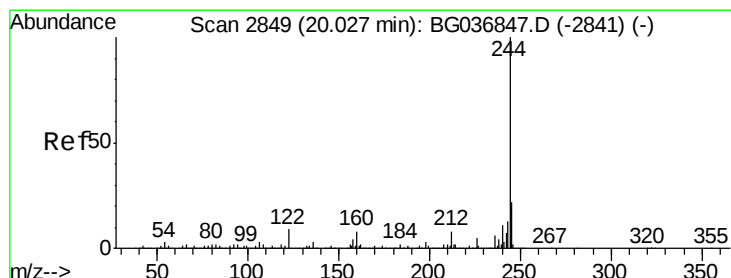
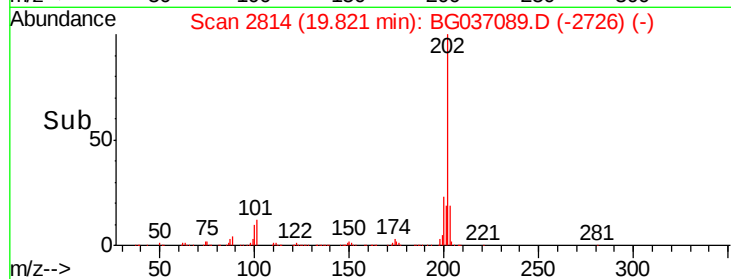
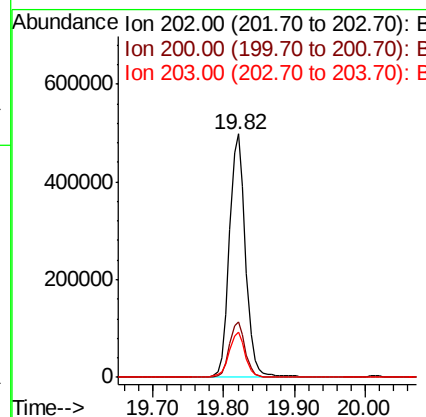
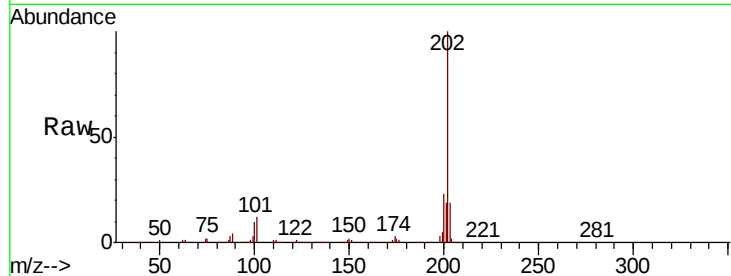
#77  
Pvrene  
Concen: 41.420 ng  
RT: 19.82 min Scan# 2814  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 22.9  | 18.3  | 27.5  |
| 203     | 18.8  | 15.1  | 22.7  |

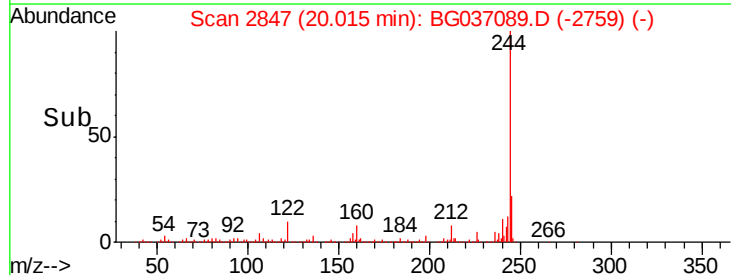
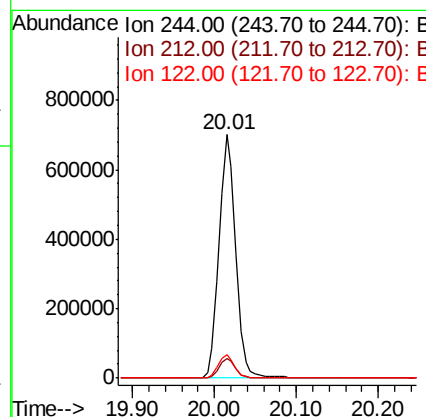
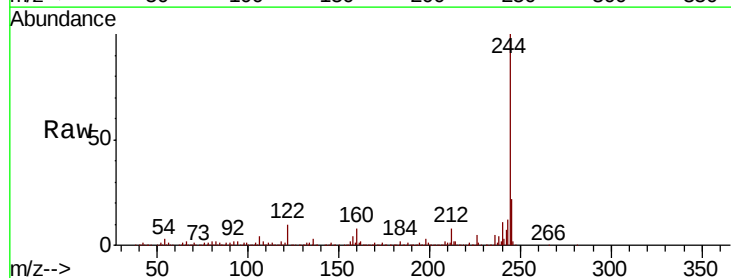
Manual Integrations  
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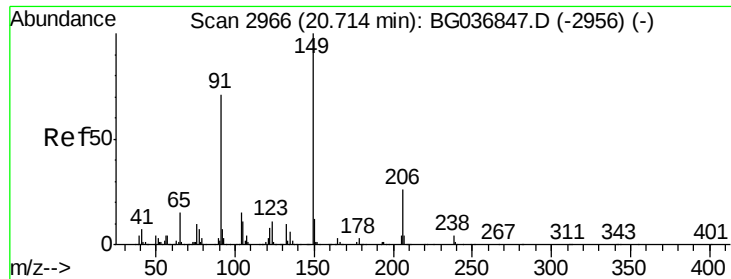
Sohil  
10/2/2018 5:28:58 PM



#78  
Terphenyl-d14  
Concen: 83.166 ng  
RT: 20.01 min Scan# 2847  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.3   | 7.0   | 10.6  |
| 122     | 9.7   | 7.1   | 10.7  |





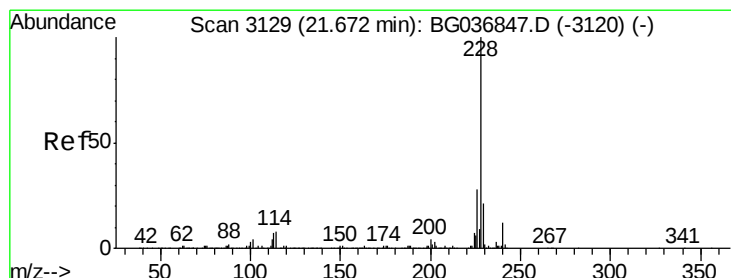
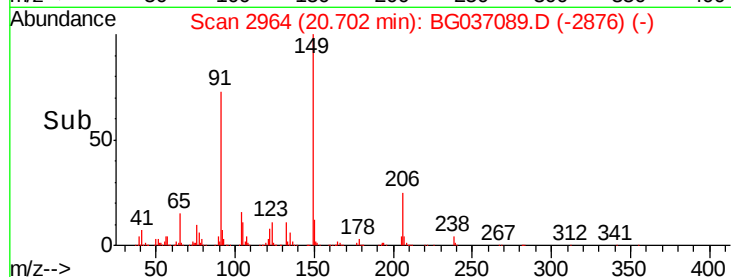
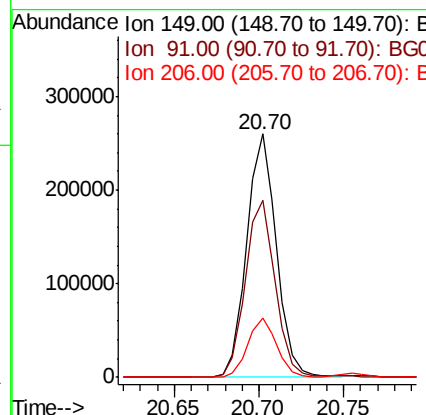
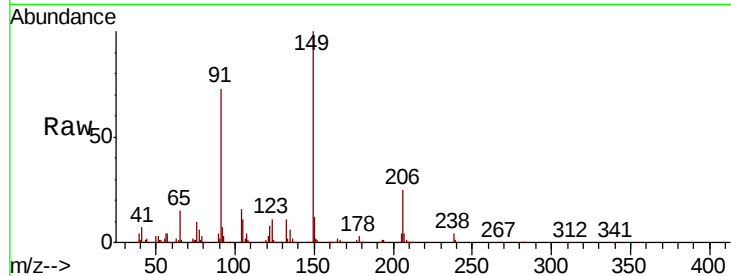
#79  
Butylbenzylphthalate  
Concen: 42.102 ng  
RT: 20.70 min Scan# 2964  
Delta R.T. -0.01 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 91      | 72.9  | 62.0 | 93.0  |       |
| 206     | 24.6  | 19.6 | 29.4  |       |

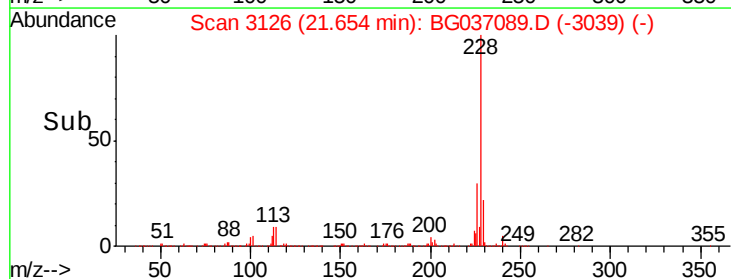
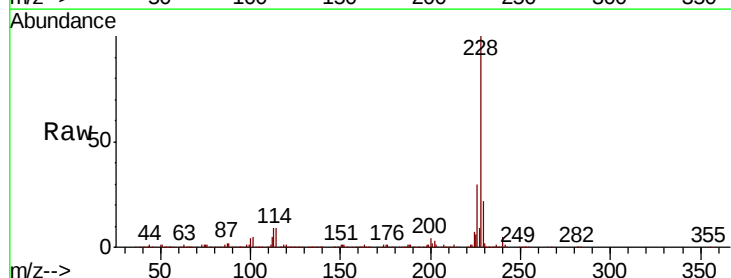
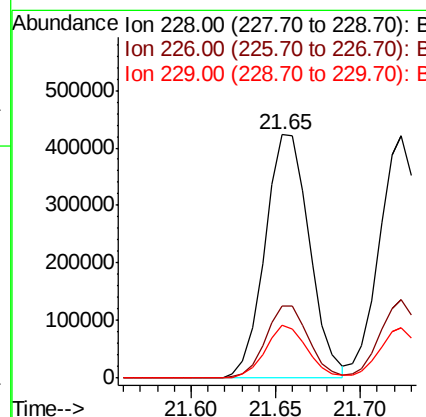
Manual Integrations  
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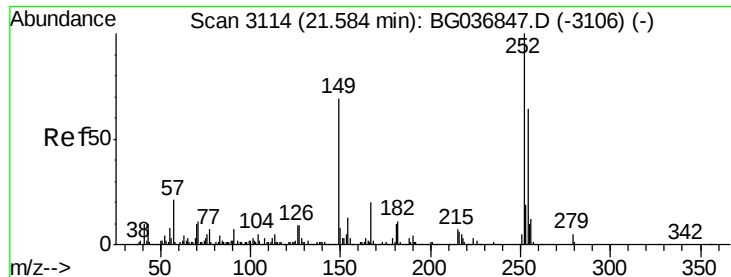
Sohil  
10/2/2018 5:28:58 PM



#80  
Benzo(a)anthracene  
Concen: 41.733 ng  
RT: 21.65 min Scan# 3126  
Delta R.T. -0.02 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 228     | 100   |      |       |       |
| 226     | 29.7  | 23.4 | 35.2  |       |
| 229     | 21.9  | 17.1 | 25.7  |       |





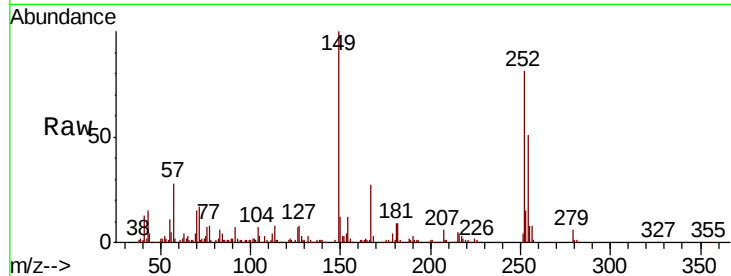
#81  
 3,3'-Dichlorobenzidine  
 Concen: 17.466 ng  
 RT: 21.57 min Scan# 3112  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113393BSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 252     | 100   |      |       |       |
| 254     | 63.6  | 51.0 | 76.4  |       |
| 126     | 9.2   | 7.4  | 11.0  |       |

Manual Integrations  
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Sohil  
 10/2/2018 5:28:58 PM

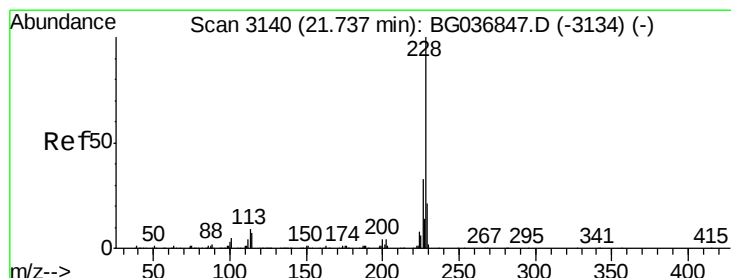
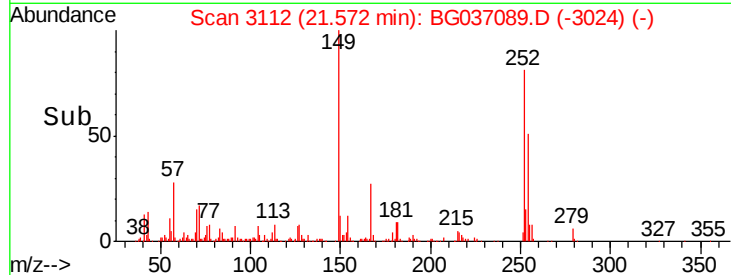
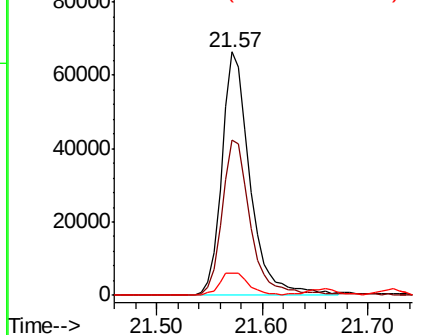


Abundance

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: 41.613 ng  
 RT: 21.72 min Scan# 3138  
 Delta R.T. -0.01 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

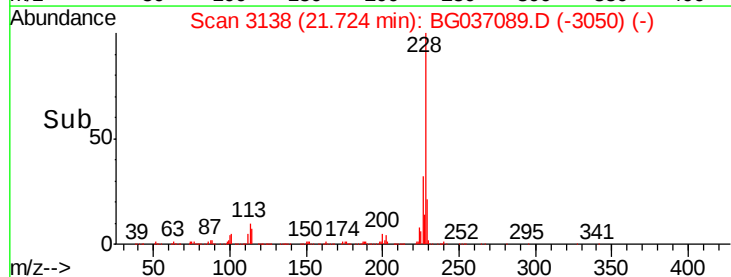
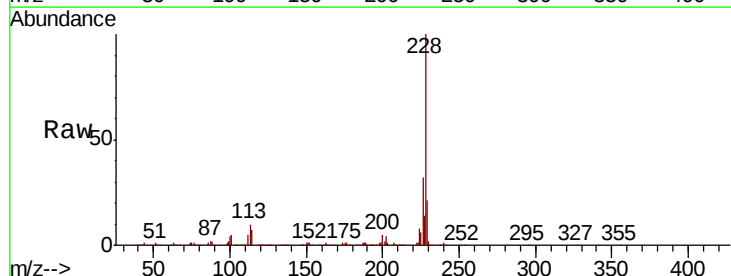
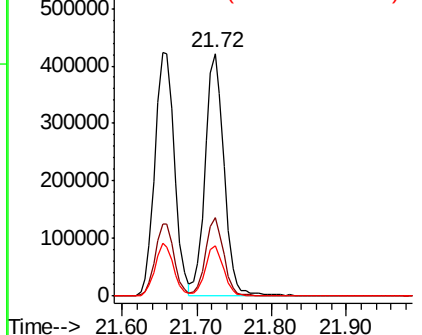
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 228     | 100   |      |       |       |
| 226     | 32.3  | 25.5 | 38.3  |       |
| 229     | 20.6  | 16.9 | 25.3  |       |

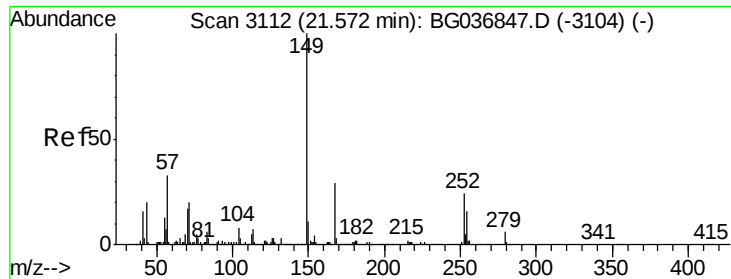
Abundance

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





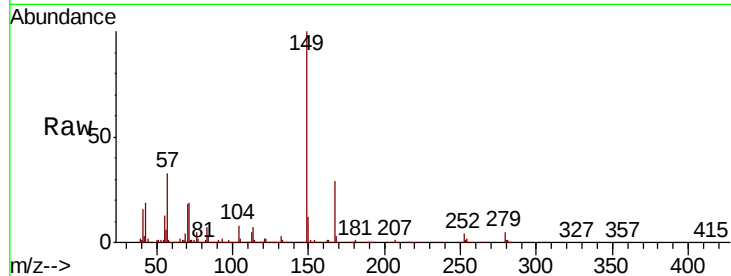
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.099 ng  
 RT: 21.55 min Scan# 3109  
 Delta R.T. -0.02 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113393BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.8  | 23.4  | 35.0  |
| 279     | 5.0   | 4.6   | 7.0   |

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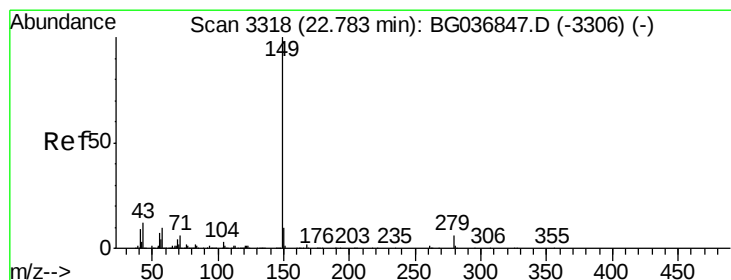
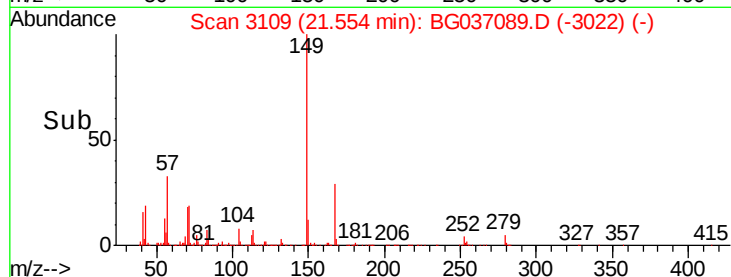
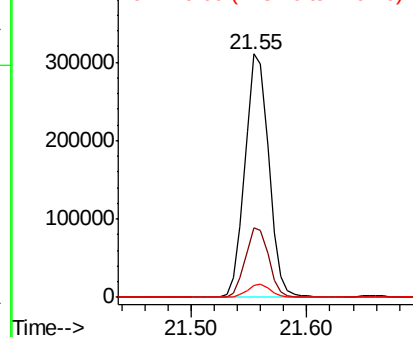


Abundance

Ion 149.00 (148.70 to 149.70): E

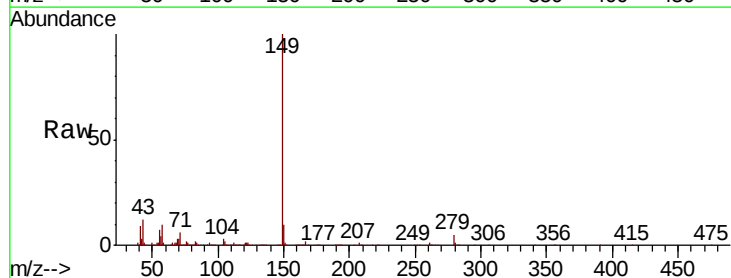
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84  
 Di-n-octyl phthalate  
 Concen: 43.316 ng  
 RT: 22.76 min Scan# 3314  
 Delta R.T. -0.02 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 11.5  | 10.0  | 15.0  |

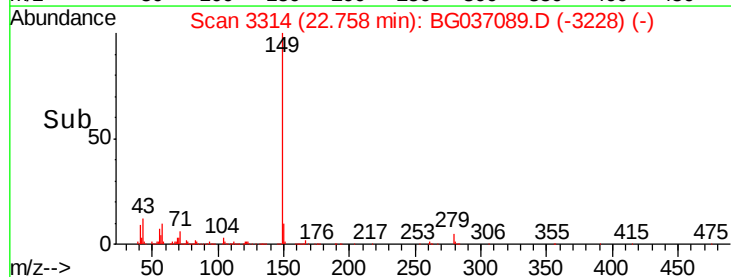
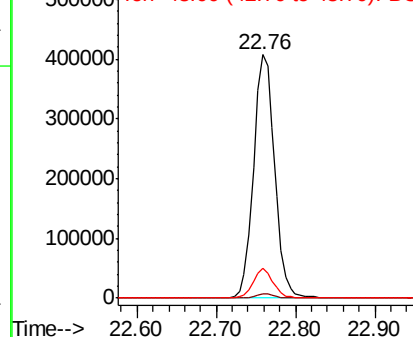


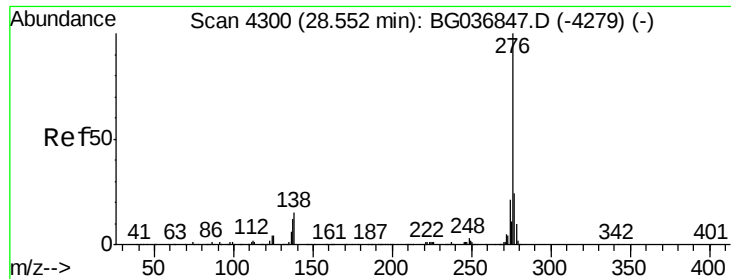
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





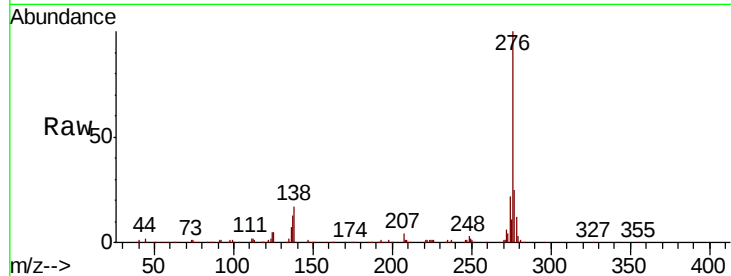
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 44.054 ng  
 RT: 28.52 min Scan# 4294  
 Delta R.T. -0.04 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113393BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 12.0  | 10.6  | 15.8  |
| 277     | 25.2  | 20.6  | 30.8  |

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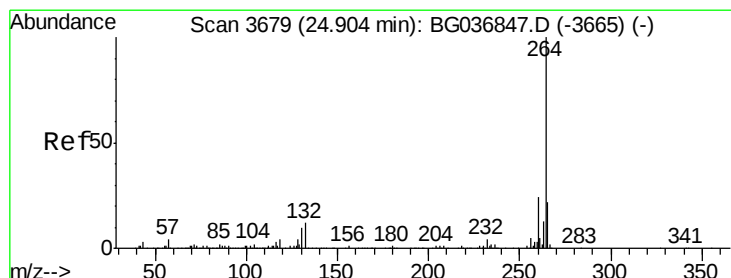
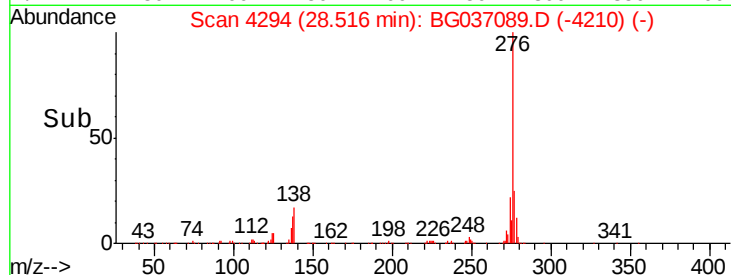
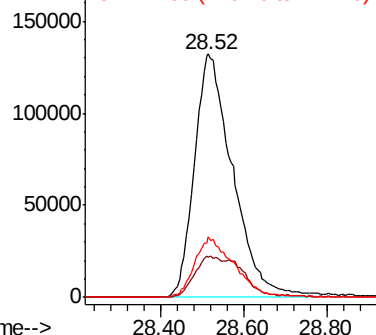


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.87 min Scan# 3674  
 Delta R.T. -0.03 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

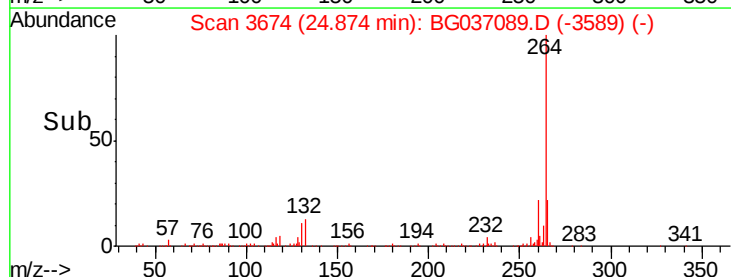
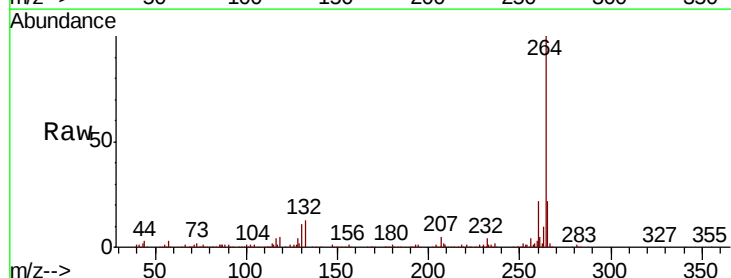
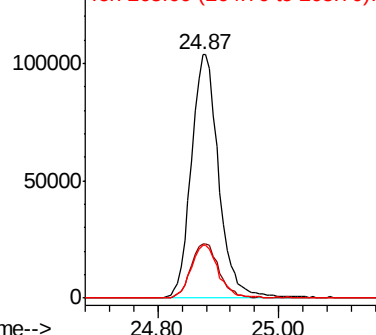
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 22.1  | 19.6  | 29.4  |
| 265     | 21.8  | 17.4  | 26.0  |

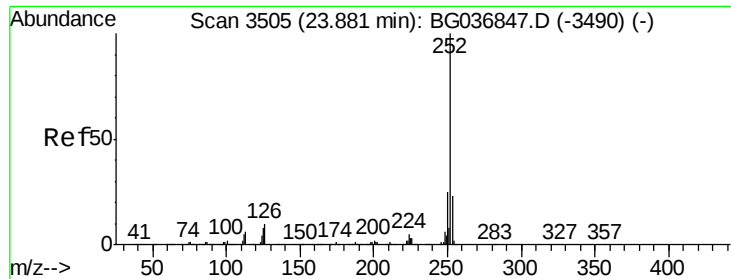
Abundance

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





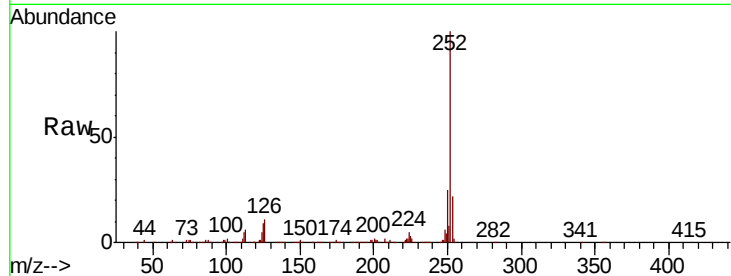
#87  
Benzo(b)fluoranthene  
Concen: 43.959 ng  
RT: 23.86 min Scan# 3501  
Delta R.T. -0.02 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.1  | 25.7  |
| 125     | 9.0   | 6.6   | 10.0  |

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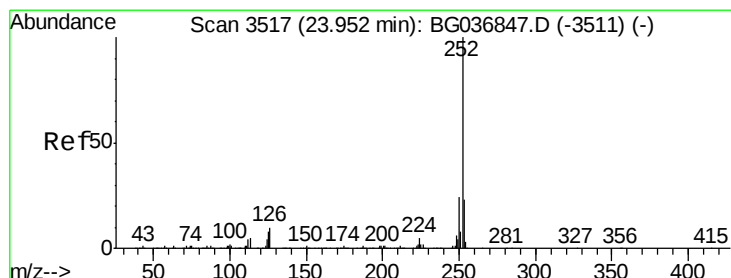
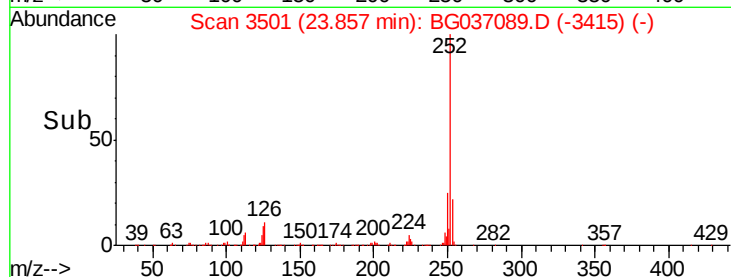
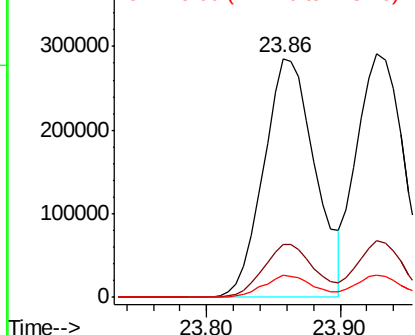


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88  
Benzo(k)fluoranthene  
Concen: 41.887 ng  
RT: 23.93 min Scan# 3513  
Delta R.T. -0.02 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

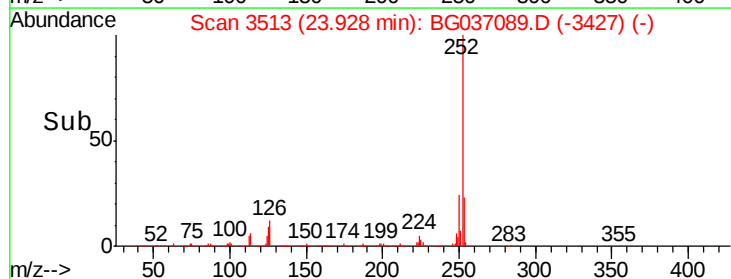
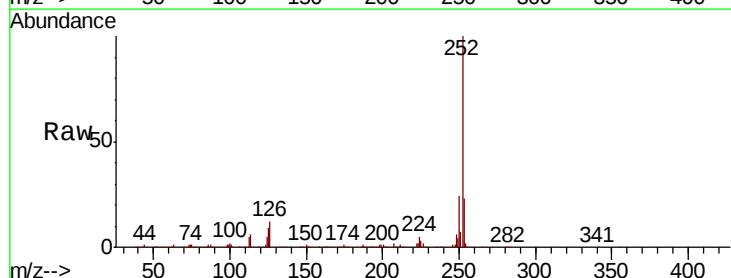
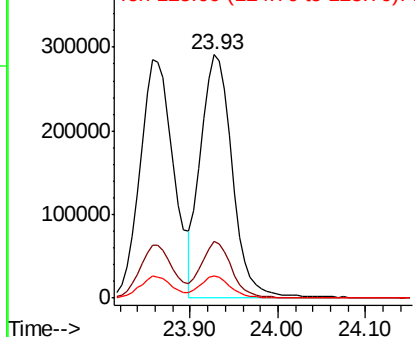
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 18.0  | 27.0  |
| 125     | 9.0   | 7.0   | 10.6  |

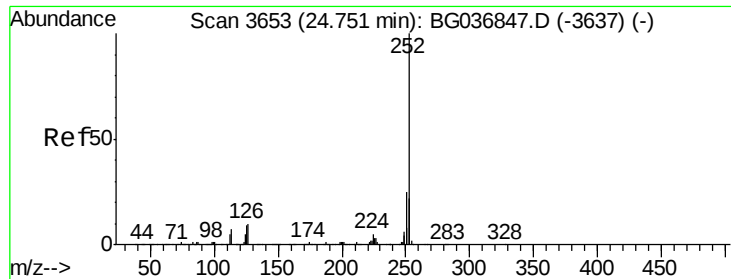
Abundance

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





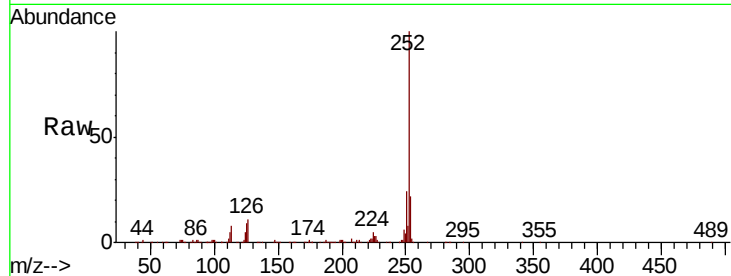
#89  
Benzo(a)pyrene  
Concen: 43.735 ng  
RT: 24.73 min Scan# 3649  
Delta R.T. -0.02 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB113393BSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.5  | 18.2  | 27.2  |
| 125     | 9.4   | 7.3   | 10.9  |

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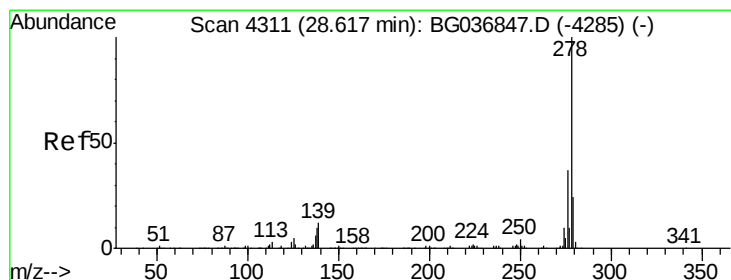
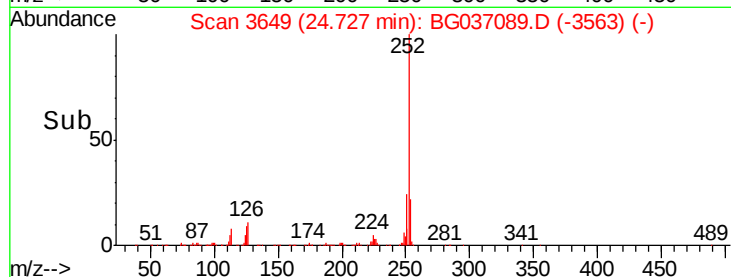
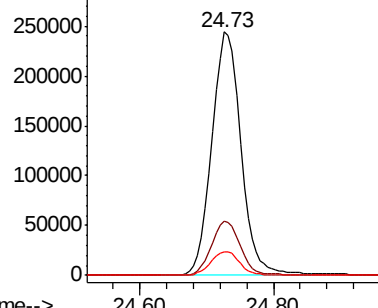


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90  
Dibenzo(a,h)anthracene  
Concen: 42.519 ng  
RT: 28.58 min Scan# 4305  
Delta R.T. -0.04 min  
Lab File: BG037089.D  
Acq: 1 Oct 2018 23:30

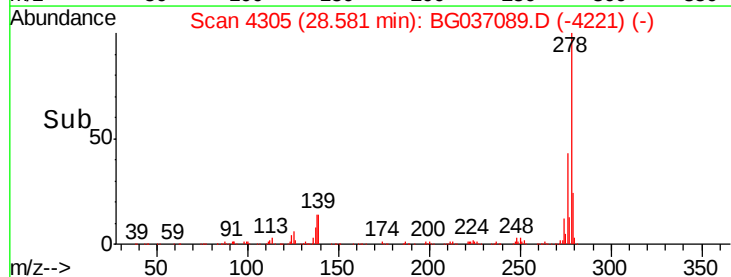
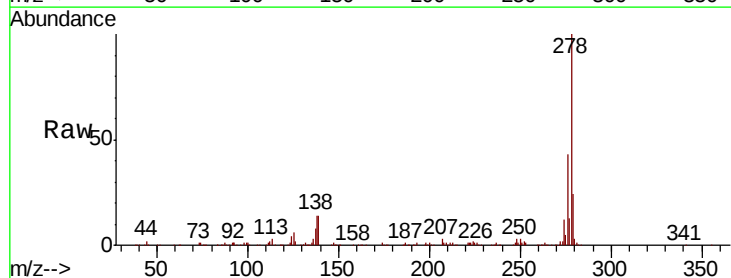
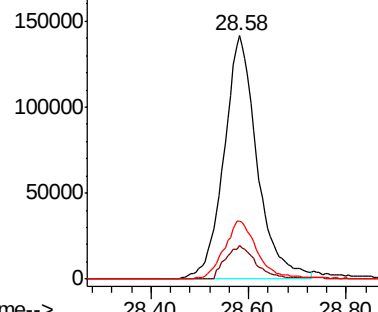
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.1  | 11.0  | 16.4  |
| 279     | 23.7  | 18.7  | 28.1  |

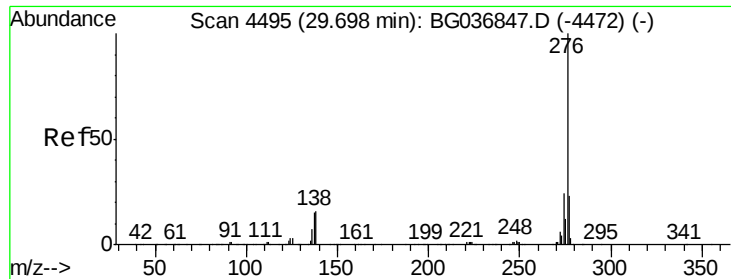
Abundance

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: 43.612 ng  
 RT: 29.67 min Scan# 4490  
 Delta R.T. -0.03 min  
 Lab File: BG037089.D  
 Acq: 1 Oct 2018 23:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB113393BSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 276  | Resp: | 689844 |
| Ion Ratio |      | Lower | Upper  |
| 276       | 100  |       |        |
| 277       | 23.2 | 18.4  | 27.6   |
| 138       | 17.8 | 14.6  | 22.0   |

Manual Integrations  
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