

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\  
 Data File : BG037478.D  
 Acq On : 23 Oct 2018 16:12  
 Operator : JU/SJ  
 Sample : PB114087BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114087BS

Manual Integrations  
 APPROVED

Sohil  
 10/24/2018 10:56:02 AM

Quant Time: Oct 24 04:54:32 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 18 14:06:42 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 51748    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.93 | 136  | 238070   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.74 | 164  | 156957   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.49 | 188  | 384513   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.77 | 240  | 349734   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.11 | 264  | 370265   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.65  | 112 | 495724  | 160.16 | ng | 0.00 |
| 7) Phenol-d6             | 7.25  | 99  | 701391  | 149.86 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.29  | 82  | 326271  | 76.77  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.23 | 330 | 246268  | 143.86 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.36 | 172 | 786926  | 75.60  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.09 | 244 | 1190860 | 72.76  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.53  | 88  | 49763  | 31.703 | ng | 97     |
| 3) Pyridine                    | 3.93  | 79  | 146009 | 36.905 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 67200  | 47.687 | ng | # 93   |
| 6) Aniline                     | 7.43  | 93  | 210462 | 36.860 | ng | 99     |
| 8) 2-Chlorophenol              | 7.67  | 128 | 165711 | 45.764 | ng | 99     |
| 9) Benzaldehyde                | 7.25  | 77  | 95568  | 32.642 | ng | 99     |
| 10) Phenol                     | 7.28  | 94  | 218376 | 44.221 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.52  | 93  | 151588 | 40.416 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.99  | 146 | 160065 | 39.707 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.15  | 146 | 161668 | 39.207 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.46  | 146 | 156788 | 39.528 | ng | 99     |
| 15) Benzyl Alcohol             | 8.35  | 79  | 147193 | 42.562 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.63  | 45  | 281378 | 41.928 | ng | 99     |
| 17) 2-Methylphenol             | 8.53  | 107 | 147543 | 45.192 | ng | 96     |
| 18) Hexachloroethane           | 9.19  | 117 | 56888  | 40.468 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.91  | 70  | 126217 | 39.162 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.86  | 107 | 204065 | 43.718 | ng | 98     |
| 22) Acetophenone               | 8.93  | 105 | 238735 | 39.985 | ng | 98     |
| 24) Nitrobenzene               | 9.33  | 77  | 179543 | 40.667 | ng | 94     |
| 25) Isophorone                 | 9.84  | 82  | 355171 | 45.739 | ng | 96     |
| 26) 2-Nitrophenol              | 10.04 | 139 | 77875  | 39.155 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 10.08 | 122 | 174704 | 49.197 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93  | 218090 | 42.867 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.57 | 162 | 171871 | 43.469 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.79 | 180 | 167043 | 38.850 | ng | 96     |
| 31) Naphthalene                | 10.98 | 128 | 507281 | 43.382 | ng | 100    |
| 32) Benzoic acid               | 10.20 | 122 | 93152  | 40.387 | ng | 99     |
| 33) 4-Chloroaniline            | 11.09 | 127 | 152526 | 27.761 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.24 | 225 | 96269  | 37.777 | ng | 98     |
| 35) Caprolactam                | 11.87 | 113 | 64984m | 40.980 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.19 | 107 | 187213 | 41.985 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.58 | 142 | 382091 | 44.825 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.79 | 142 | 365126 | 44.108 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 192567 | 38.036 | ng | 98     |

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 QLast Update : Thu Oct 18 14:06:42 2018  
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| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.91 | 237  | 230842   | 95.455  | nq    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.17 | 196  | 142094   | 42.011  | nq    | 95       |
| 44) 2,4,5-Trichlorophenol      | 13.24 | 196  | 155964   | 42.352  | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.58 | 154  | 493255   | 37.946  | nq    | 99       |
| 47) 2-Chloronaphthalene        | 13.62 | 162  | 390575   | 39.716  | nq    | 99       |
| 48) 2-Nitroaniline             | 13.83 | 65   | 123571   | 41.436  | nq    | 94       |
| 49) Acenaphthylene             | 14.47 | 152  | 657387   | 44.438  | nq    | 100      |
| 50) Dimethylphthalate          | 14.19 | 163  | 514388   | 42.363  | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.32 | 165  | 112564   | 41.905  | nq    | 99       |
| 52) Acenaphthene               | 14.80 | 154  | 374578   | 41.114  | nq    | 100      |
| 53) 3-Nitroaniline             | 14.65 | 138  | 99826    | 33.476  | nq #  | 97       |
| 54) 2,4-Dinitrophenol          | 14.85 | 184  | 84532    | 74.370  | nq    | 93       |
| 55) Dibenzofuran               | 15.14 | 168  | 607954   | 40.276  | nq    | 99       |
| 56) 4-Nitrophenol              | 14.94 | 139  | 273904   | 124.091 | nq    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.10 | 165  | 158391   | 44.920  | nq #  | 96       |
| 58) Fluorene                   | 15.79 | 166  | 495781   | 43.860  | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.36 | 232  | 135729   | 43.047  | nq    | 98       |
| 60) Diethylphthalate           | 15.54 | 149  | 529416   | 42.468  | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.77 | 204  | 259793   | 39.431  | nq    | 99       |
| 62) 4-Nitroaniline             | 15.81 | 138  | 130990   | 44.207  | nq    | 93       |
| 63) Azobenzene                 | 16.07 | 77   | 503414   | 42.325  | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198  | 71013    | 37.464  | nq    | 95       |
| 66) n-Nitrosodiphenylamine     | 15.99 | 169  | 456277   | 39.449  | nq    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.67 | 248  | 160738   | 38.066  | nq    | 99       |
| 68) Hexachlorobenzene          | 16.78 | 284  | 162313   | 37.089  | nq    | 98       |
| 69) Atrazine                   | 16.93 | 200  | 170266   | 40.716  | nq    | 98       |
| 70) Pentachlorophenol          | 17.12 | 266  | 194018   | 66.186  | nq    | 96       |
| 71) Phenanthrene               | 17.53 | 178  | 826997   | 42.319  | nq    | 99       |
| 72) Anthracene                 | 17.62 | 178  | 842099   | 43.910  | nq    | 98       |
| 73) Carbazole                  | 17.89 | 167  | 774050   | 40.350  | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.43 | 149  | 913488   | 42.806  | nq    | 99       |
| 75) Fluoranthene               | 19.53 | 202  | 980014   | 44.216  | nq    | 99       |
| 77) Benzidine                  | 19.72 | 184  | 486104   | 40.877  | nq    | 99       |
| 78) Pyrene                     | 19.90 | 202  | 966735   | 42.285  | nq    | 100      |
| 80) Butylbenzylphthalate       | 20.77 | 149  | 407443   | 43.545  | nq    | 100      |
| 81) Benzo(a)anthracene         | 21.75 | 228  | 901679   | 43.588  | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.67 | 252  | 243733   | 30.397  | nq    | 98       |
| 83) Chrysene                   | 21.82 | 228  | 844504   | 42.456  | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 573556   | 43.731  | nq    | 100      |
| 85) Di-n-octyl phthalate       | 22.88 | 149  | 957377   | 44.764  | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.93 | 276  | 936274   | 43.885  | nq #  | 96       |
| 88) Benzo(b)fluoranthene       | 24.04 | 252  | 879528   | 43.328  | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 24.11 | 252  | 848764   | 42.677  | nq    | 98       |
| 90) Benzo(a)pyrene             | 24.95 | 252  | 850149   | 44.074  | nq    | 99       |
| 91) Dibenzo(a,h)anthracene     | 29.02 | 278  | 761705   | 42.810  | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.14 | 276  | 781205   | 43.398  | nq    | 98       |

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

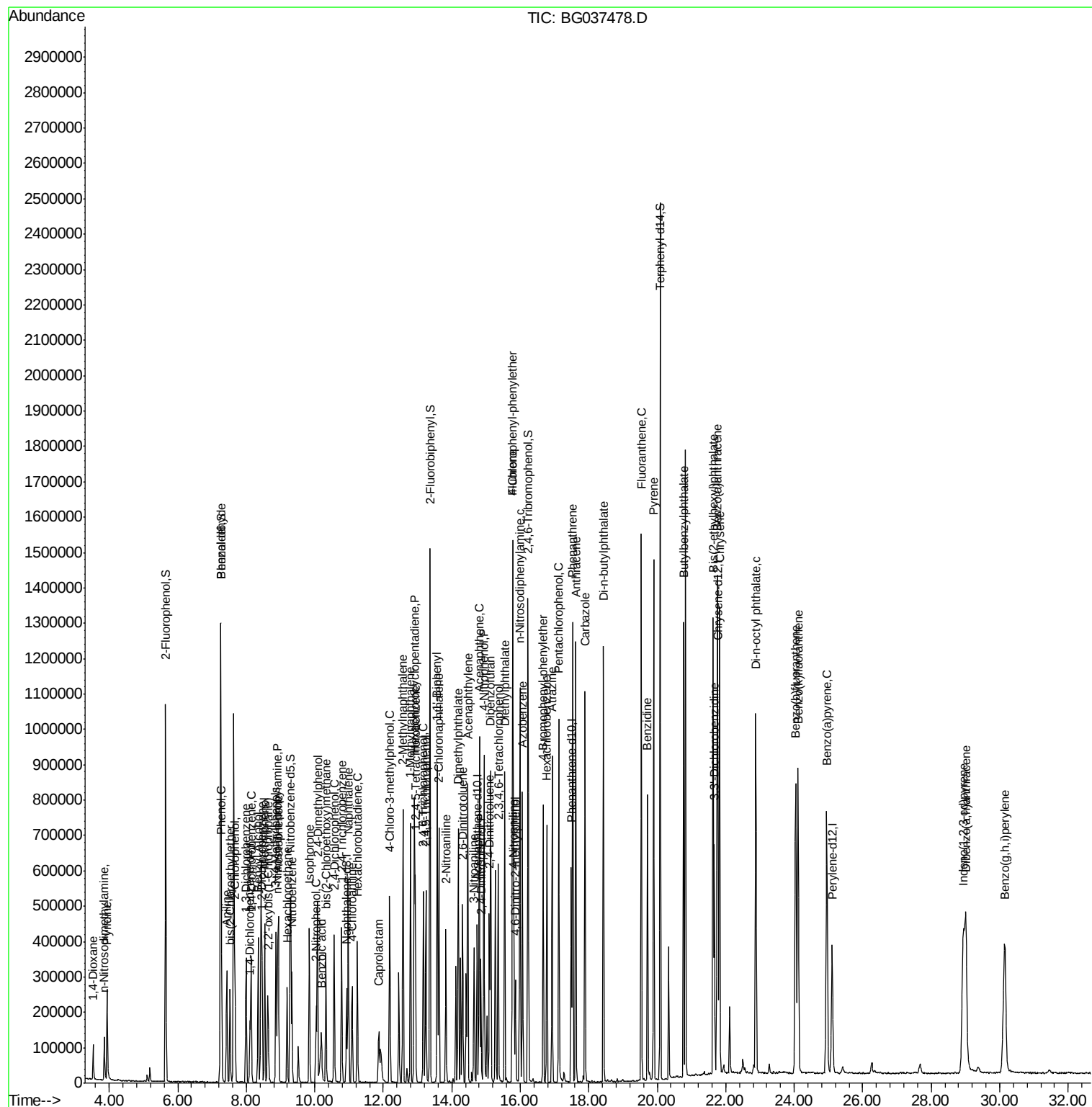
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102318\  
 Data File : BG037478.D  
 Acq On : 23 Oct 2018 16:12  
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 Sample : PB114087BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

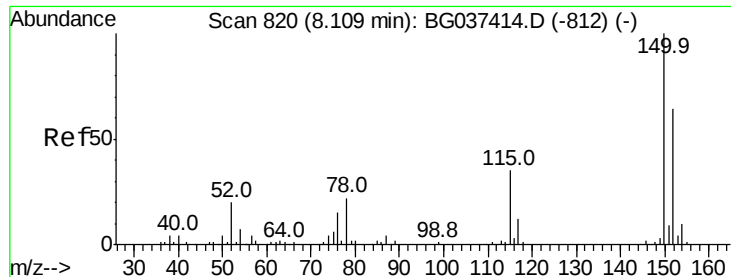
Instrument :  
 BNA\_G  
 ClientSampleId :  
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#1

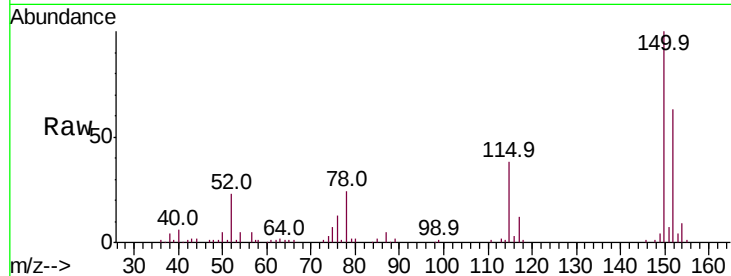
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.11 min Scan# 820  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 159.8 | 126.0 | 189.0 |
| 115     | 60.6  | 45.5  | 68.3  |

Manual Integrations  
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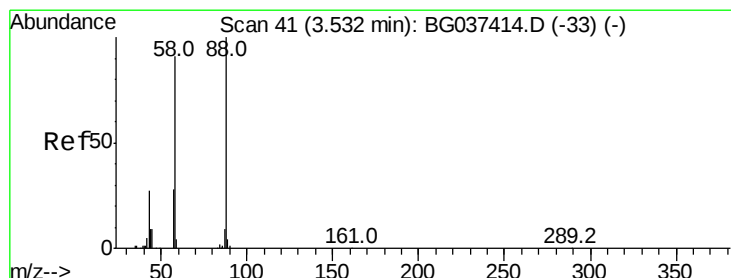
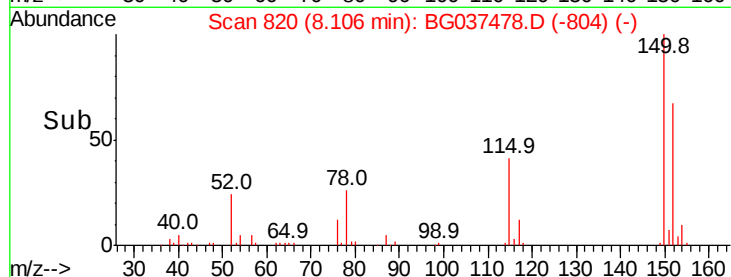
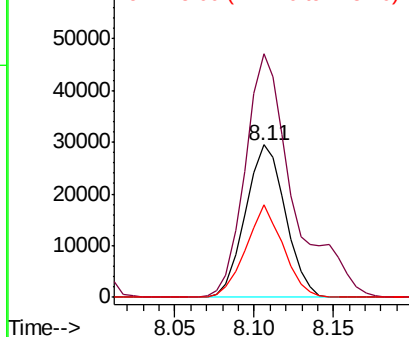


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

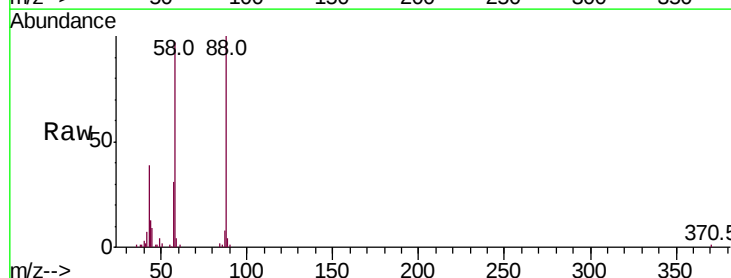
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 31.703 ng  
RT: 3.53 min Scan# 41  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 89.3  | 74.4  | 111.6 |
| 43      | 32.4  | 25.8  | 38.8  |

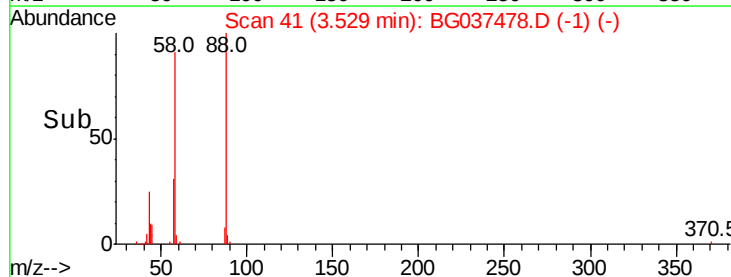
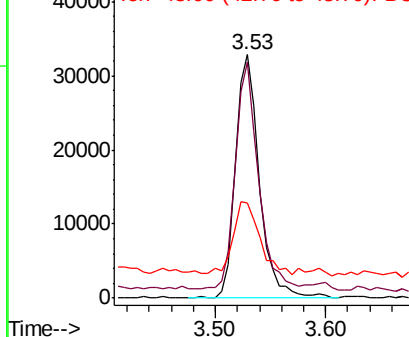


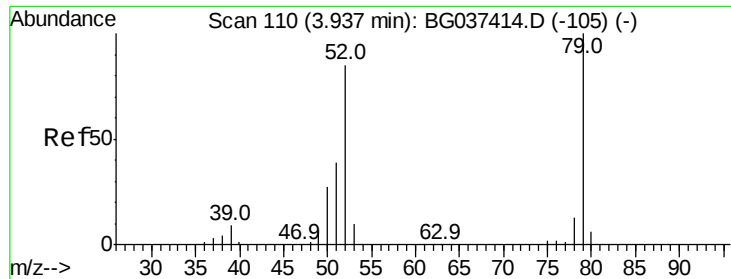
Abundance

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: 36.905 ng

RT: 3.93 min Scan# 109

Delta R.T. -0.01 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA\_G

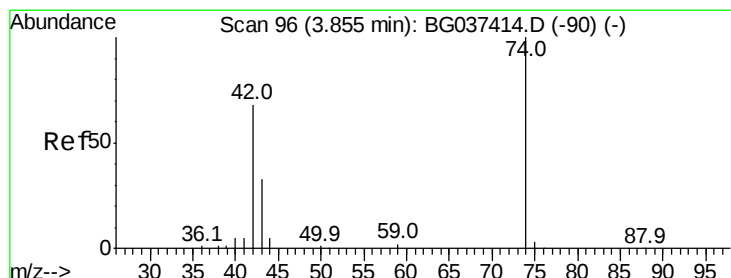
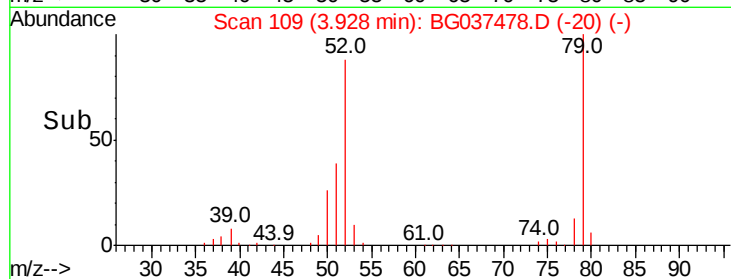
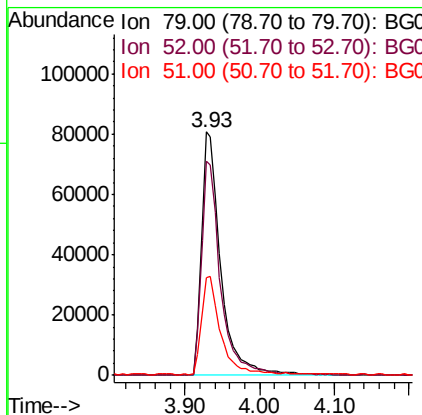
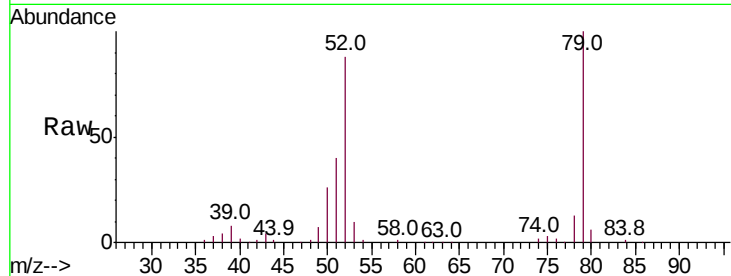
ClientSampleId :

PB114087BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 79    | Resp: | 146009 |
| Ion      | Ratio | Lower | Upper  |
| 79       | 100   |       |        |
| 52       | 87.9  | 74.2  | 111.2  |
| 51       | 40.1  | 34.6  | 51.8   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 47.687 ng

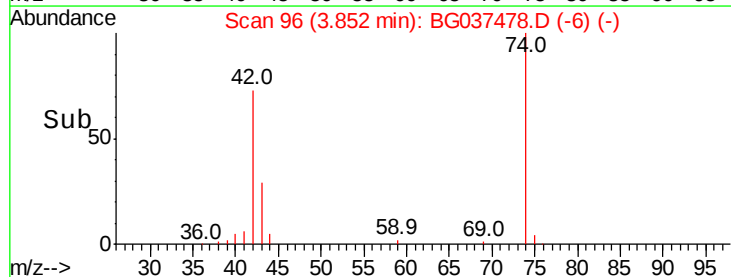
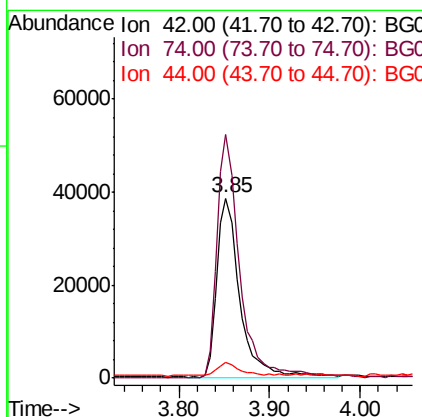
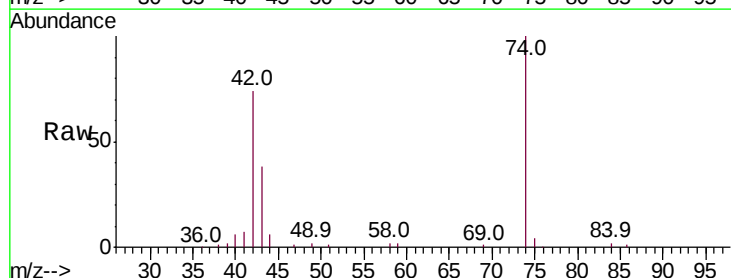
RT: 3.85 min Scan# 96

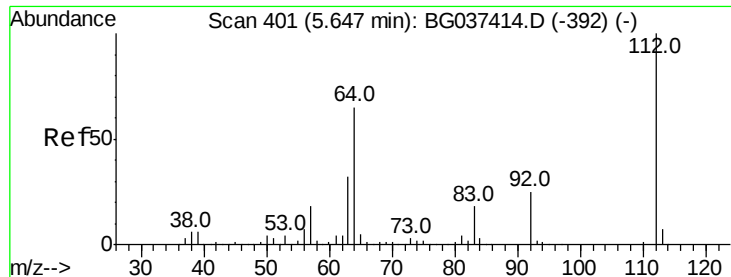
Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 67200 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 135.4 | 102.0 | 153.0 |
| 44       | 8.6   | 9.6   | 14.4# |





#5

2-Fluorophenol

Concen: 160.156 ng

RT: 5.65 min Scan# 402

Delta R.T. 0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA\_G

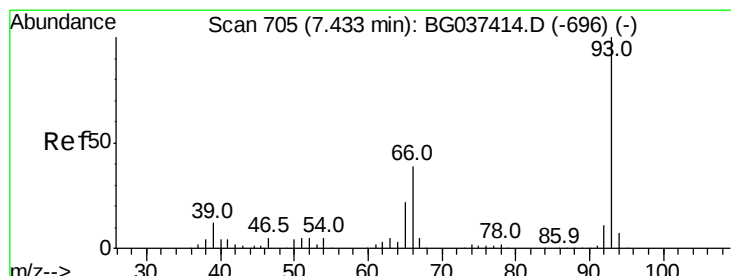
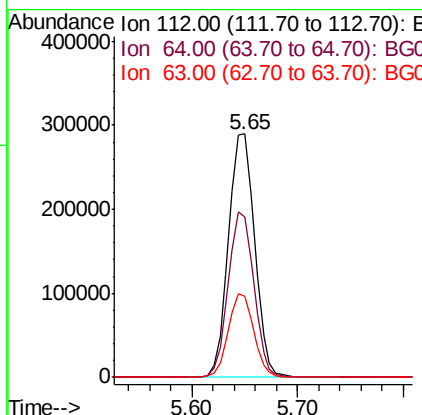
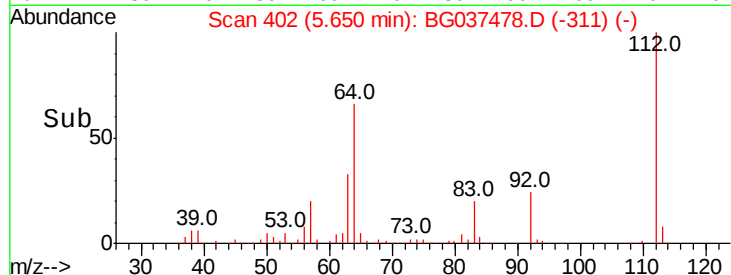
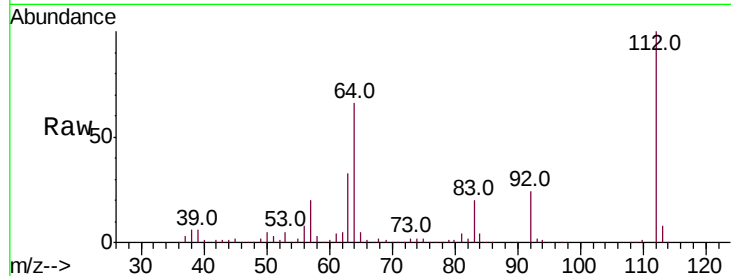
ClientSampleId :

PB114087BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 495724 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 65.9  | 53.1  | 79.7   |
| 63        | 33.2  | 27.3  | 40.9   |

Manual Integrations  
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#6

Aniline

Concen: 36.860 ng

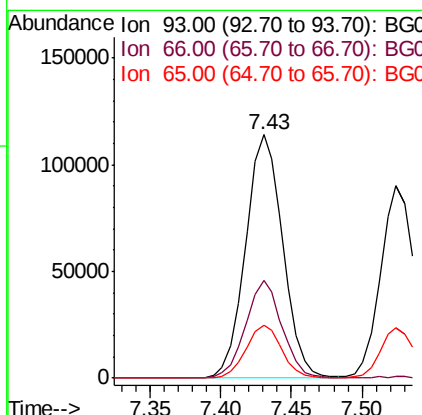
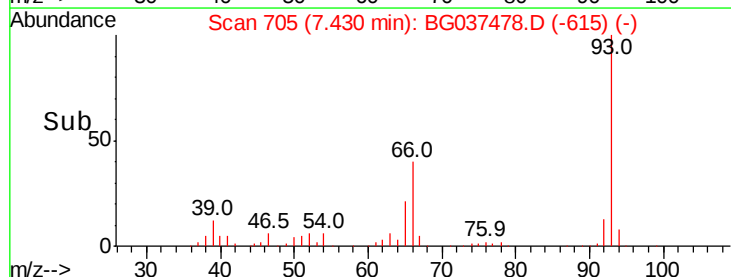
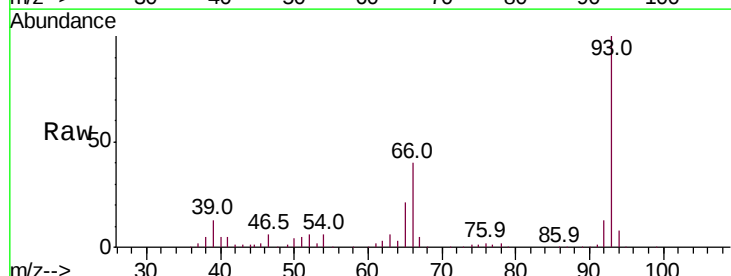
RT: 7.43 min Scan# 705

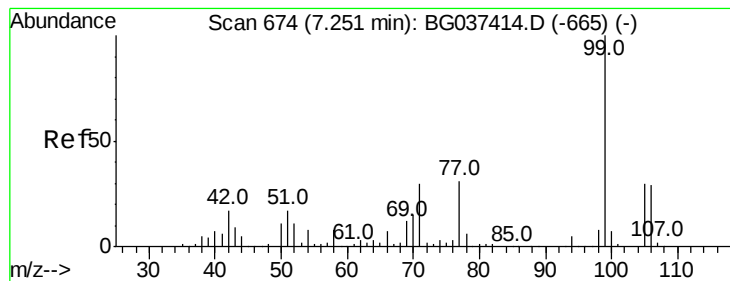
Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 210462 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 66        | 40.3  | 32.8  | 49.2   |
| 65        | 21.5  | 16.4  | 24.6   |





#7

Phenol-d6

Concen: 149.857 ng

RT: 7.25 min Scan# 675

Delta R.T. 0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA\_G

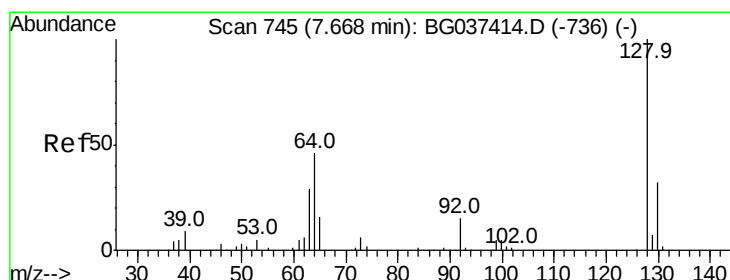
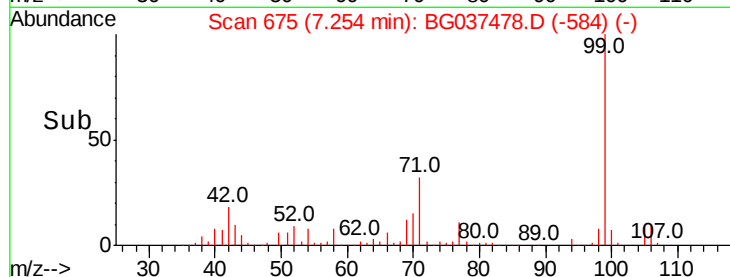
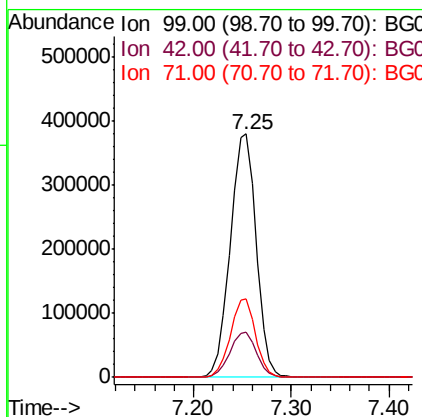
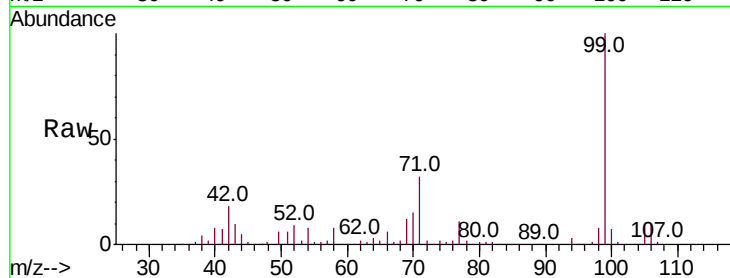
ClientSampleId :

PB114087BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 701391 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 18.5  | 15.0  | 22.4   |
| 71        | 32.1  | 25.5  | 38.3   |

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#8

2-Chlorophenol

Concen: 45.764 ng

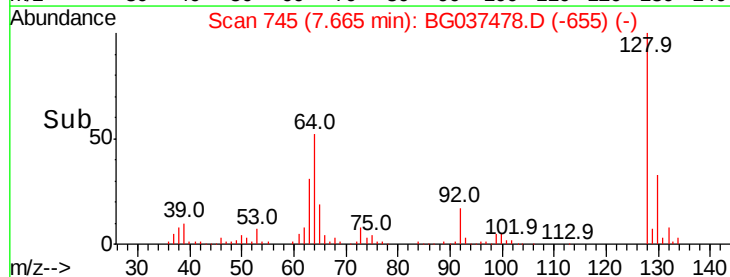
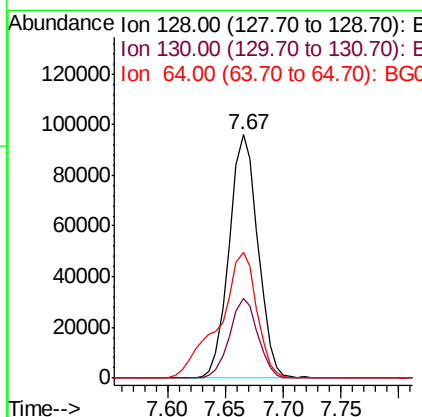
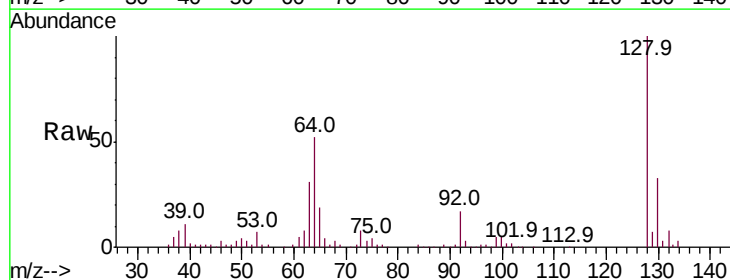
RT: 7.67 min Scan# 745

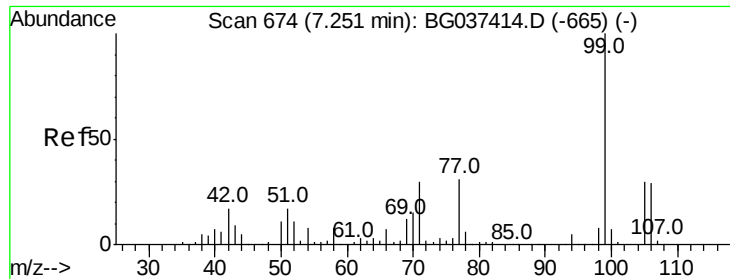
Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 165711 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 32.7  | 12.0  | 52.0   |
| 64        | 51.9  | 32.9  | 72.9   |





#9

Benzaldehyde

Concen: 32.642 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA\_G

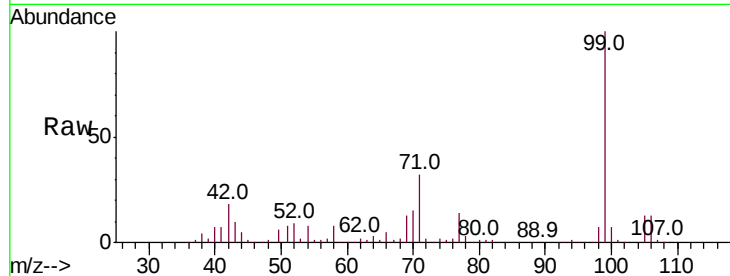
ClientSampleId :

PB114087BS

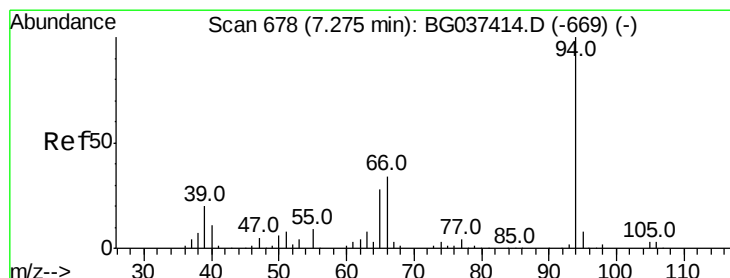
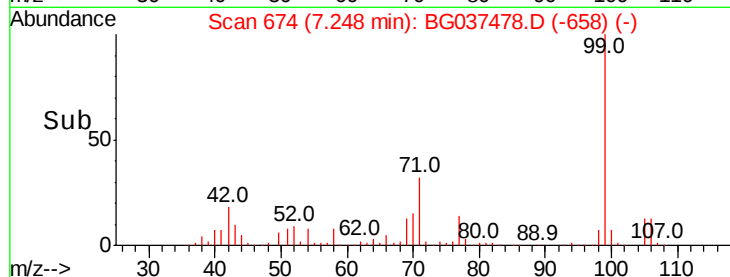
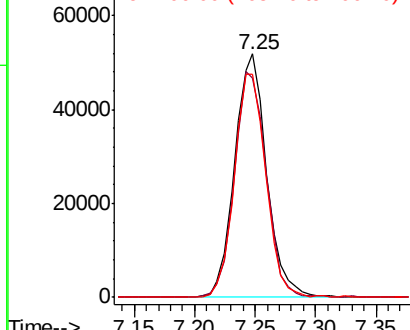
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 105     | 90.2  | 72.6  | 112.6 |
| 106     | 91.5  | 71.3  | 111.3 |

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Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 44.221 ng

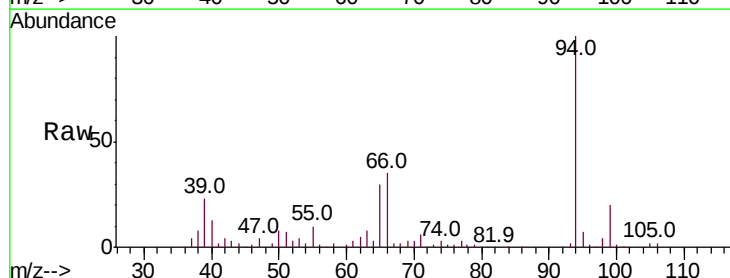
RT: 7.28 min Scan# 679

Delta R.T. 0.00 min

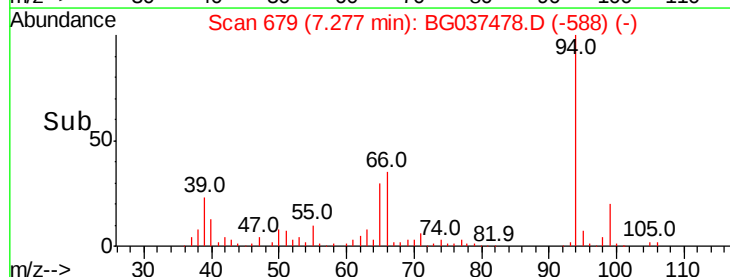
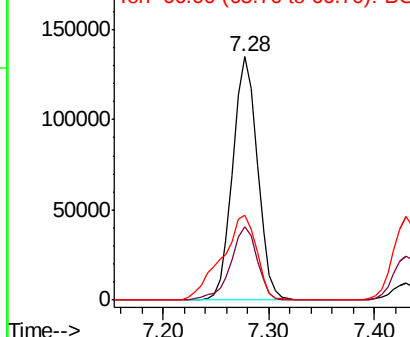
Lab File: BG037478.D

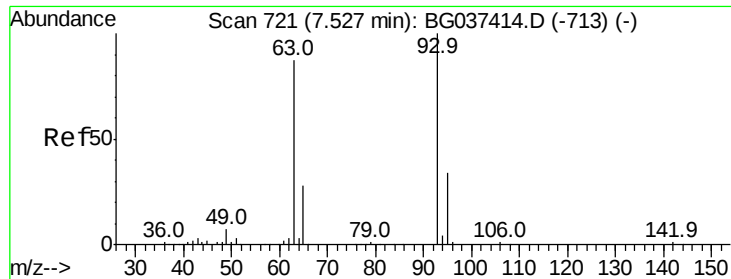
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 65      | 30.0  | 9.7   | 49.7  |
| 66      | 35.0  | 15.9  | 55.9  |



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC





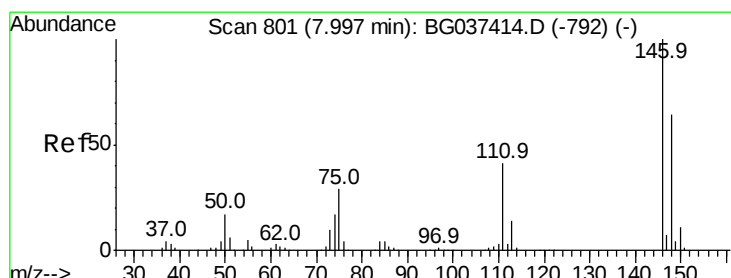
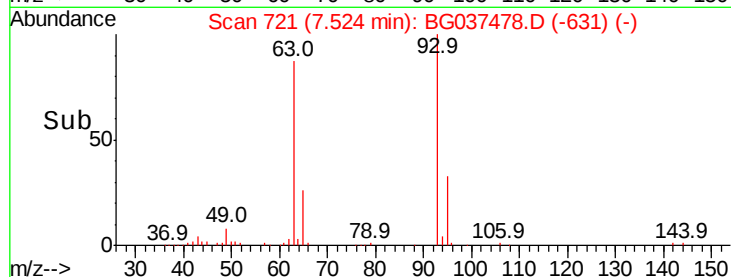
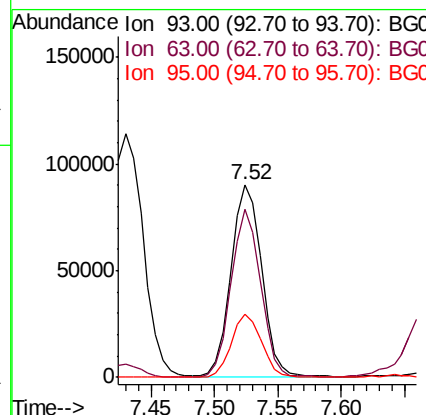
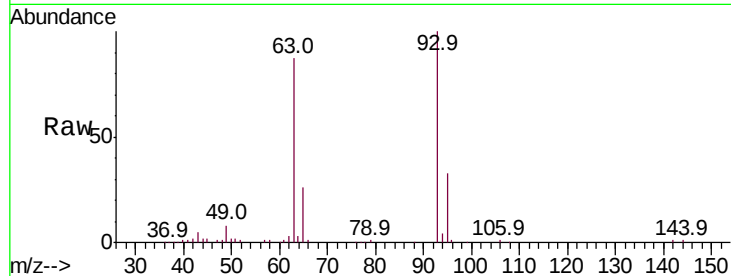
#11  
bis(2-Chloroethyl)ether  
Concen: 40.416 ng  
RT: 7.52 min Scan# 721  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 87.4  | 69.5  | 109.5 |
| 95      | 32.9  | 12.6  | 52.6  |

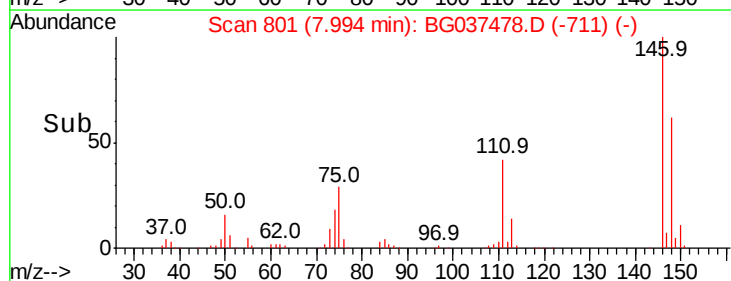
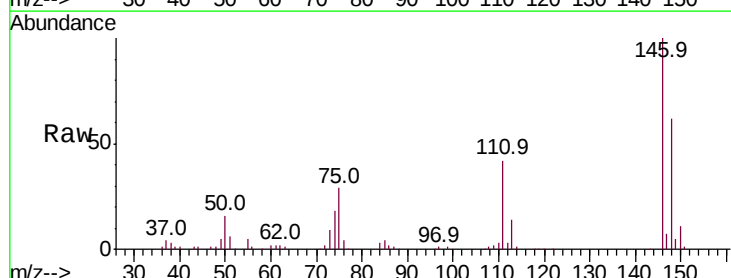
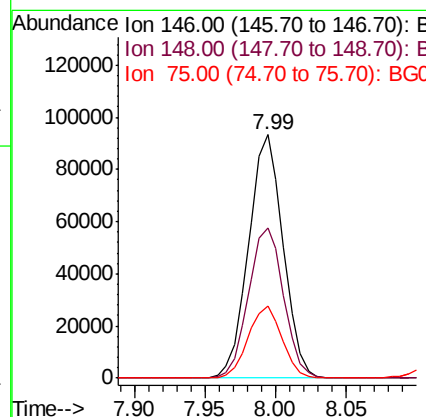
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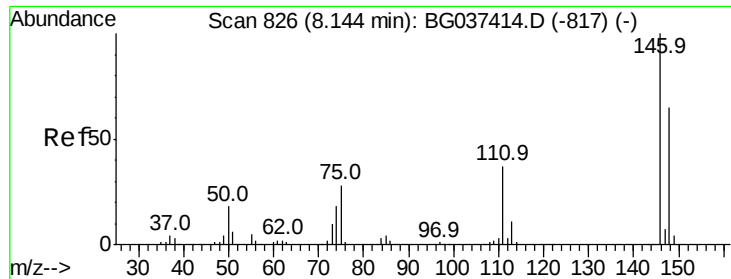
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#12  
1,3-Dichlorobenzene  
Concen: 39.707 ng  
RT: 7.99 min Scan# 801  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.9  | 49.8  | 74.8  |
| 75      | 29.4  | 23.2  | 34.8  |





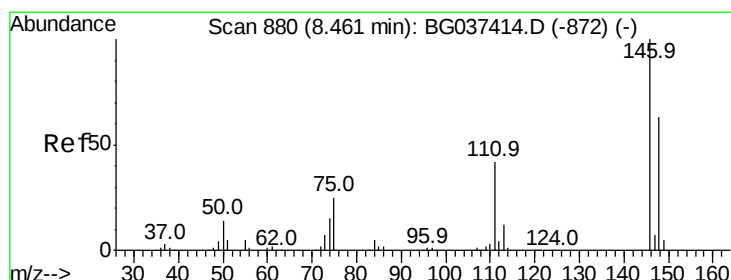
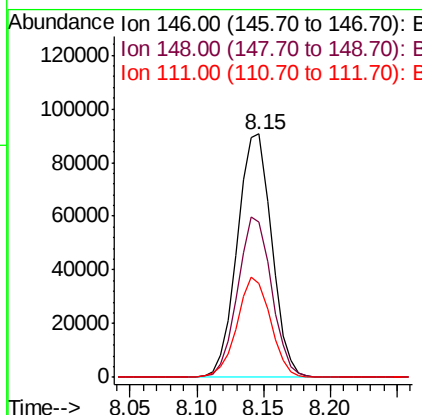
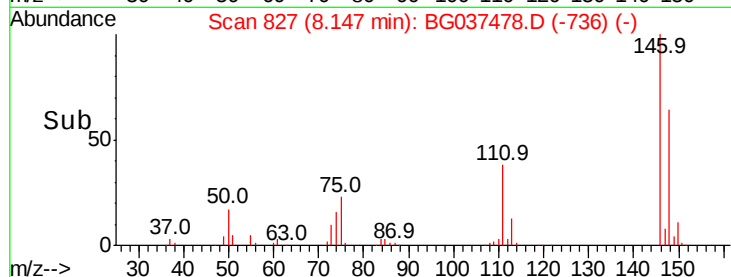
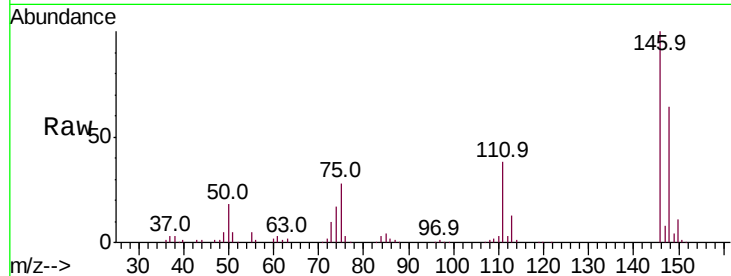
#13  
 1,4-Dichlorobenzene  
 Concen: 39.207 ng  
 RT: 8.15 min Scan# 827  
 Delta R.T. 0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114087BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 51.0  | 76.6  |
| 111     | 38.3  | 32.4  | 48.6  |

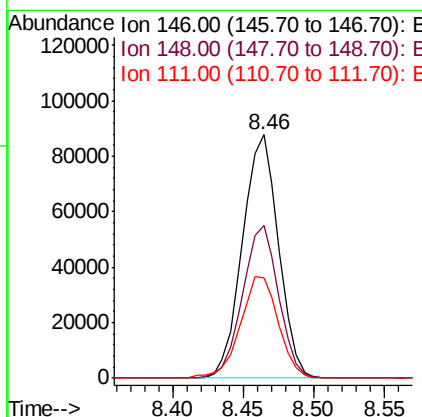
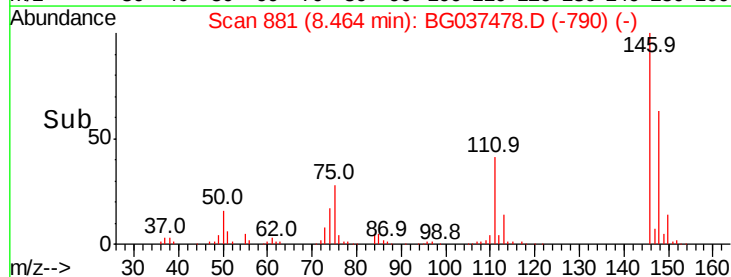
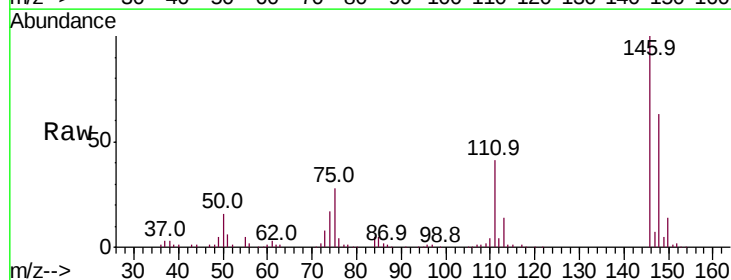
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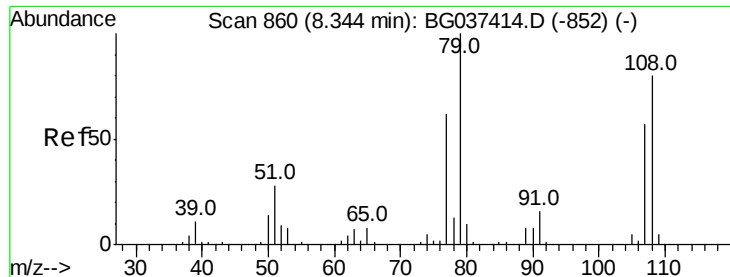
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#14  
 1,2-Dichlorobenzene  
 Concen: 39.528 ng  
 RT: 8.46 min Scan# 881  
 Delta R.T. 0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.8  | 50.4  | 75.6  |
| 111     | 41.2  | 34.6  | 51.8  |





#15

Benzyl Alcohol

Concen: 42.562 ng

RT: 8.35 min Scan# 861

Delta R.T. 0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA\_G

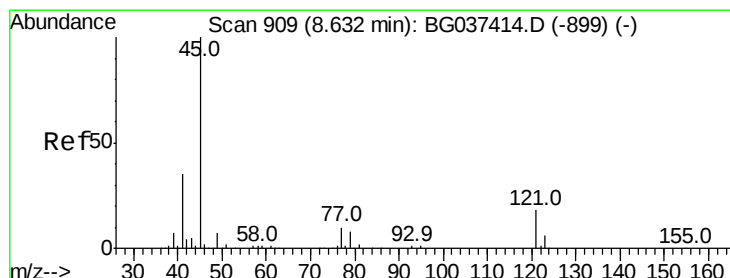
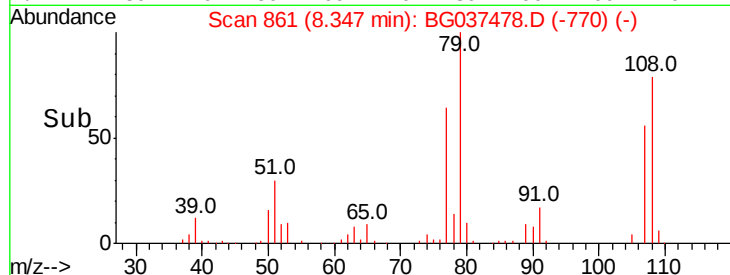
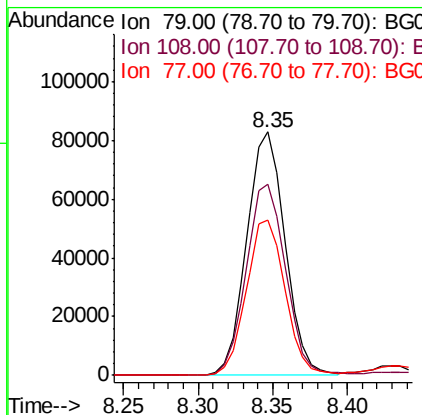
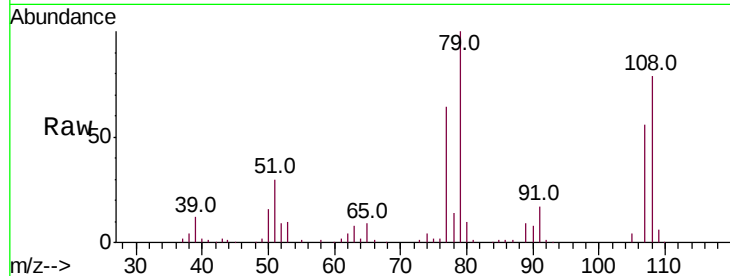
ClientSampleID :

PB114087BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 78.5  | 65.8  | 98.8  |
| 77      | 63.8  | 52.9  | 79.3  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.928 ng

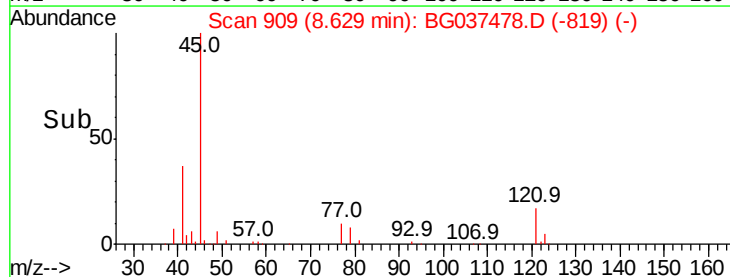
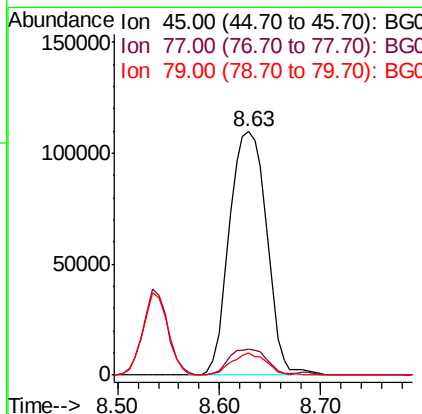
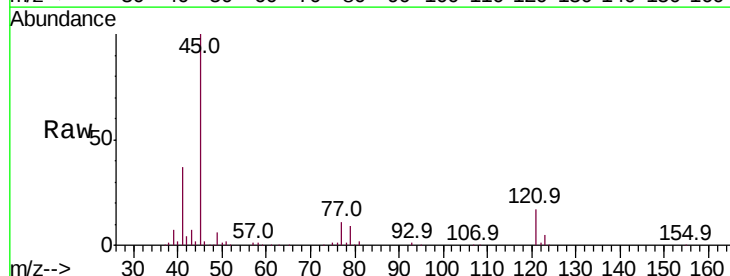
RT: 8.63 min Scan# 909

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 10.9  | 0.0   | 30.0  |
| 79      | 8.8   | 0.0   | 29.0  |





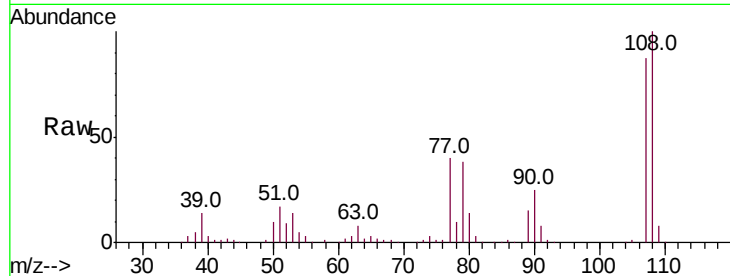
#17  
2-Methylphenol  
Concen: 45.192 ng  
RT: 8.53 min Scan# 893  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampled :  
PB114087BS

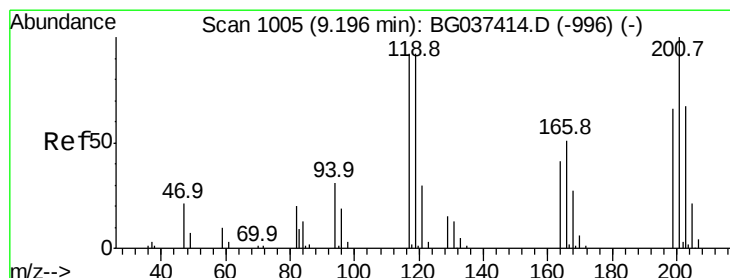
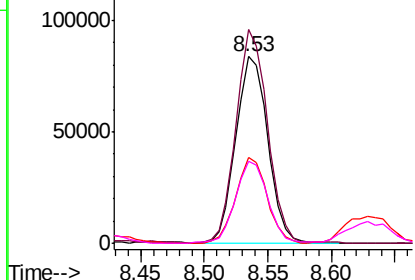
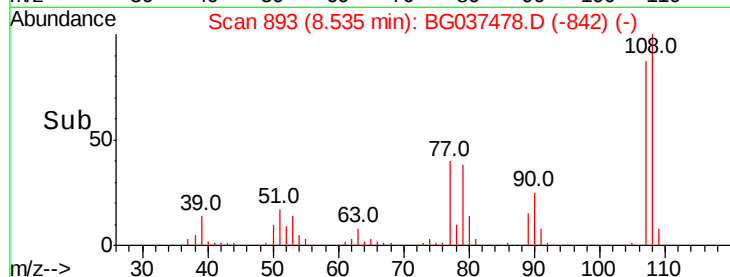
| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 114.6 | 87.9 | 131.9 |       |
| 77      | 46.3  | 35.1 | 52.7  |       |
| 79      | 44.1  | 34.5 | 51.7  |       |

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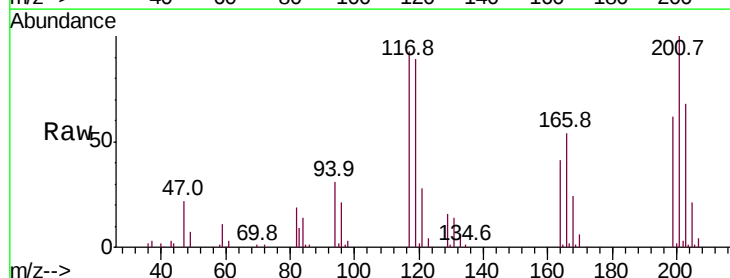


Abundance Ion 107.00 (106.70 to 107.70): E  
150000  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

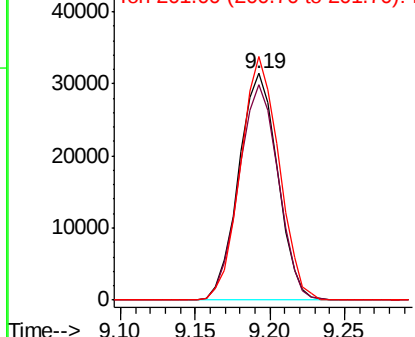
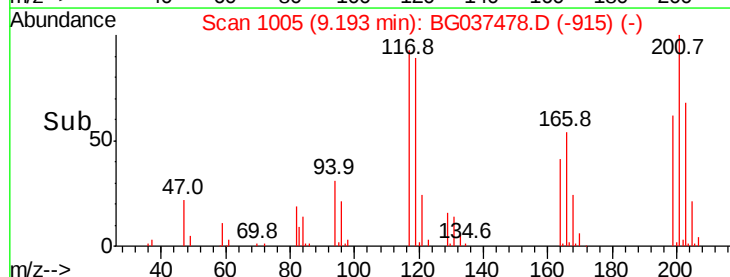


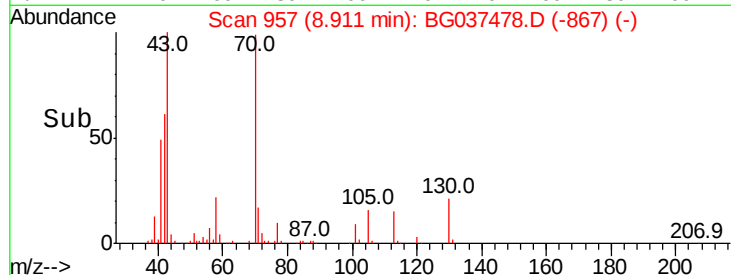
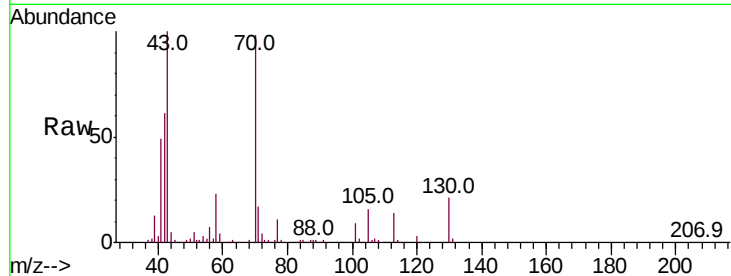
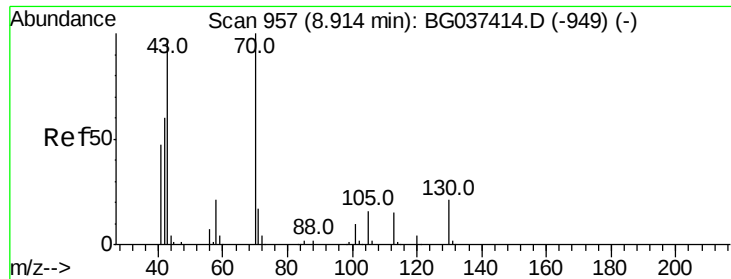
#18  
Hexachloroethane  
Concen: 40.468 ng  
RT: 9.19 min Scan# 1005  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 95.3  | 74.6 | 111.8 |       |
| 201     | 107.6 | 80.8 | 121.2 |       |



Abundance Ion 117.00 (116.70 to 117.70): E  
40000  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E





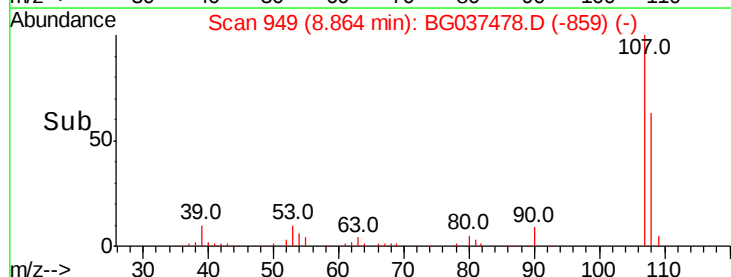
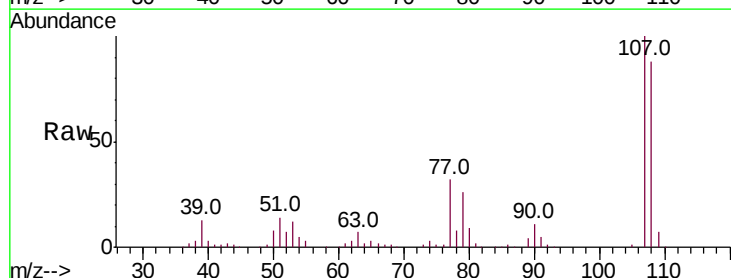
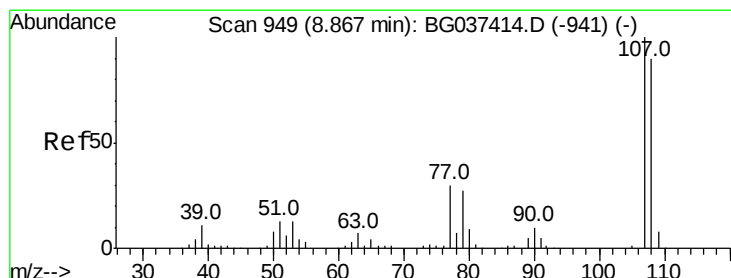
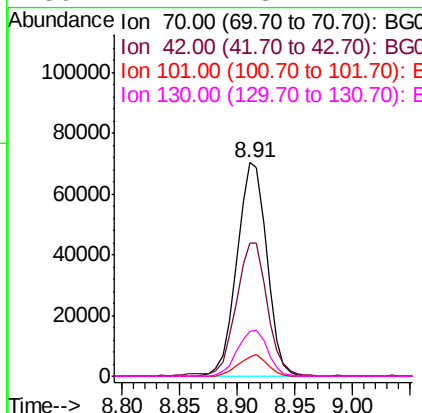
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.162 ng  
RT: 8.91 min Scan# 957  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampled :  
PB114087BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 62.1  | 53.9  | 80.9  |
| 101     | 9.2   | 8.2   | 12.2  |
| 130     | 21.2  | 18.2  | 27.4  |

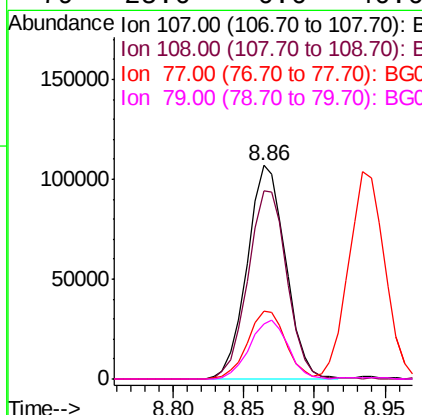
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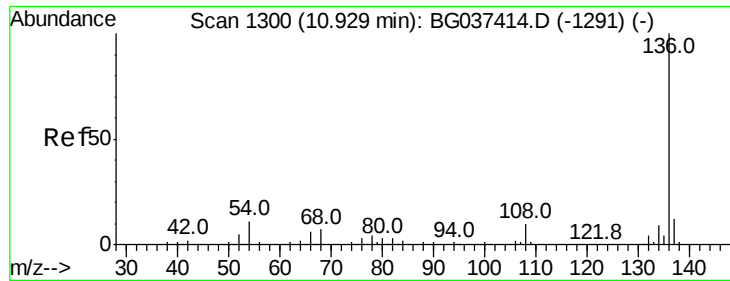
Sohil  
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#20  
3+4-Methylphenols  
Concen: 43.718 ng  
RT: 8.86 min Scan# 949  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 87.8  | 69.9  | 109.9 |
| 77      | 31.8  | 11.2  | 51.2  |
| 79      | 25.6  | 6.6   | 46.6  |





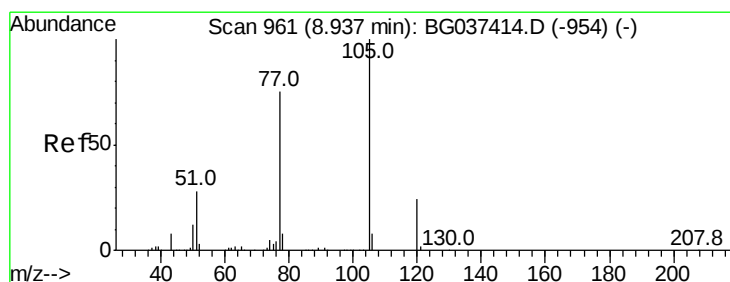
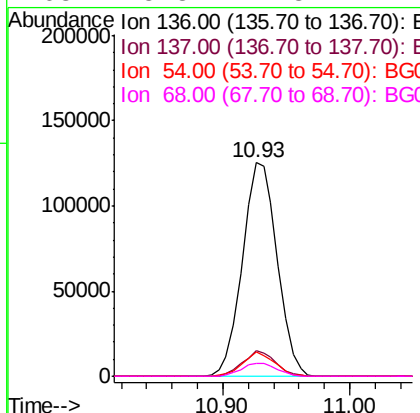
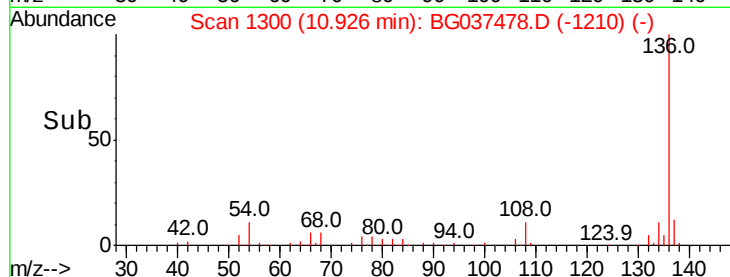
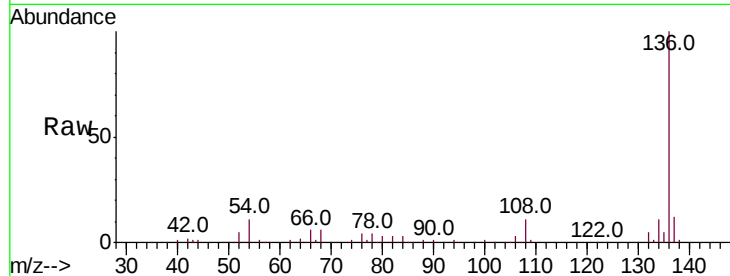
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.93 min Scan# 1300  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.8  | 9.6  | 14.4  |       |
| 54      | 11.2  | 7.9  | 11.9  |       |
| 68      | 5.8   | 4.8  | 7.2   |       |

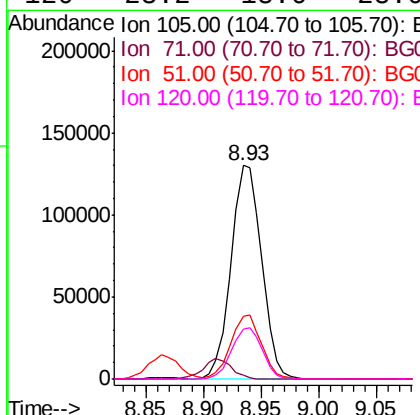
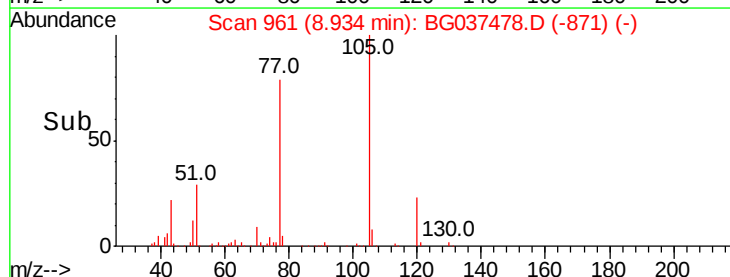
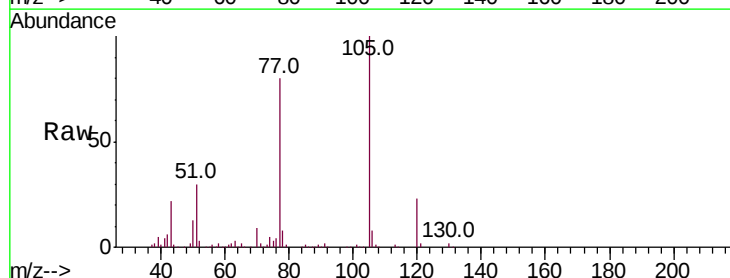
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#22  
Acetophenone  
Concen: 39.985 ng  
RT: 8.93 min Scan# 961  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 1.7   | 1.2  | 1.8   |       |
| 51      | 29.6  | 25.0 | 37.6  |       |
| 120     | 23.2  | 18.6 | 28.0  |       |





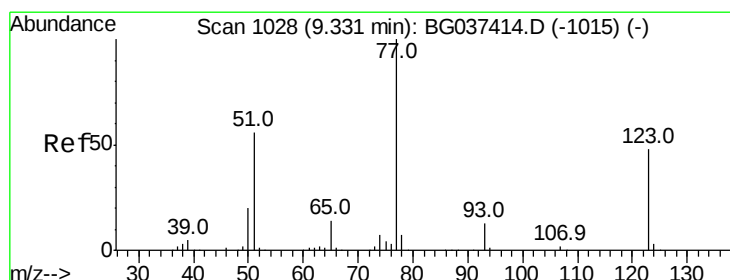
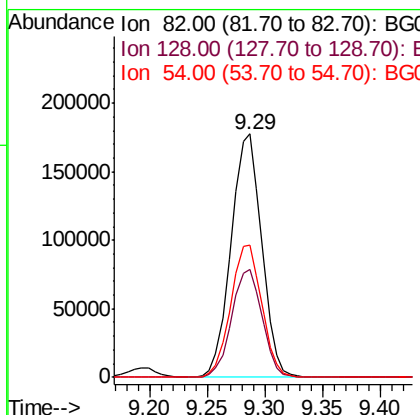
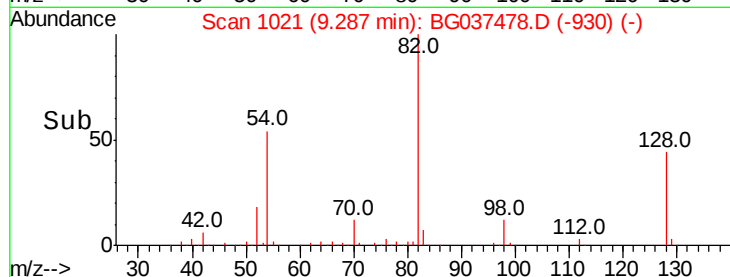
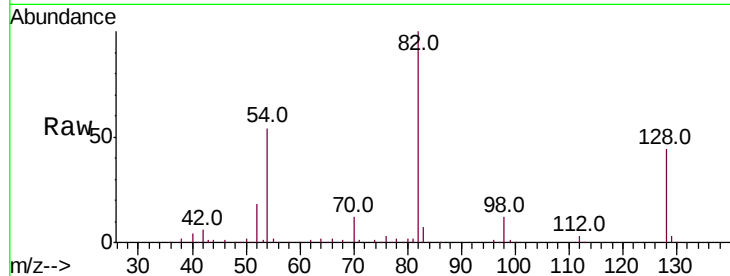
#23  
 Nitrobenzene-d5  
 Concen: 76.773 ng  
 RT: 9.29 min Scan# 1021  
 Delta R.T. 0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114087BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 44.2  | 34.6 | 51.8  |       |
| 54      | 54.2  | 45.3 | 67.9  |       |

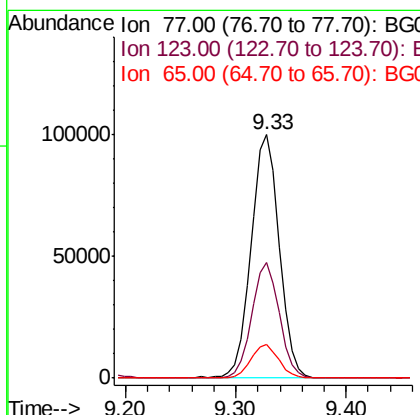
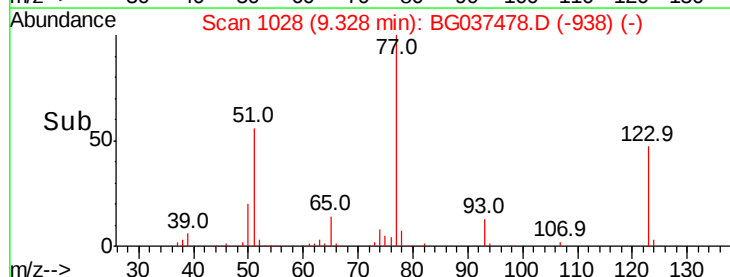
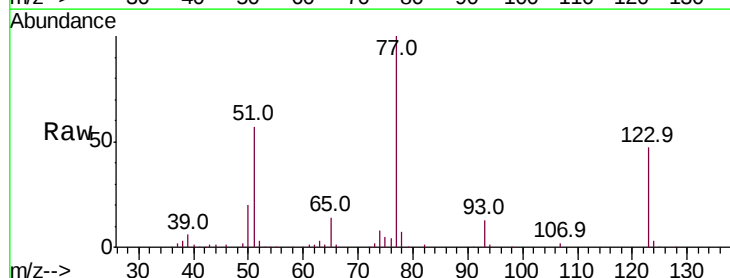
Manual Integrations  
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 10/24/2018 10:56:02 AM



#24  
 Nitrobenzene  
 Concen: 40.667 ng  
 RT: 9.33 min Scan# 1028  
 Delta R.T. -0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 47.4  | 33.6 | 50.4  |       |
| 65      | 14.0  | 11.3 | 16.9  |       |





#25

Isophorone

Concen: 45.739 ng

RT: 9.84 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA\_G

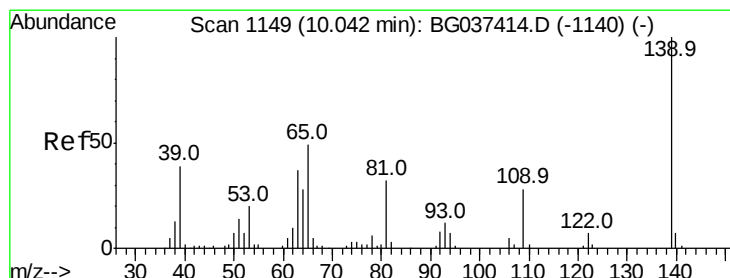
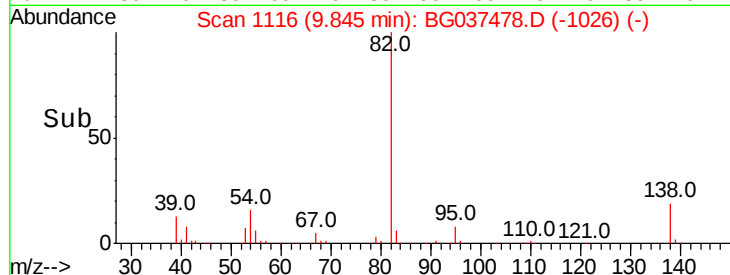
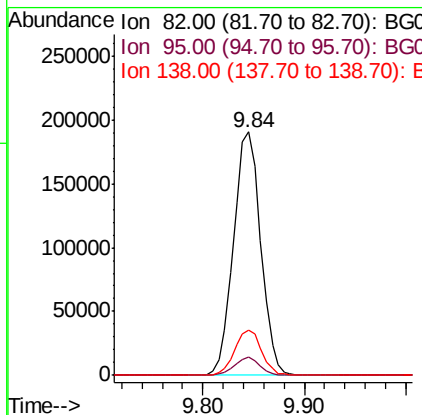
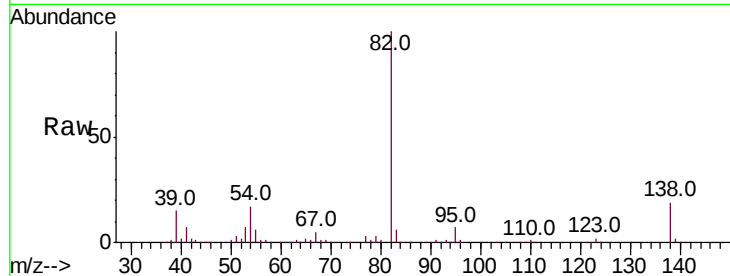
ClientSampleId :

PB114087BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 355171 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.3   | 5.3   | 7.9    |
| 138       | 18.8  | 13.3  | 19.9   |

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#26

2-Nitrophenol

Concen: 39.155 ng

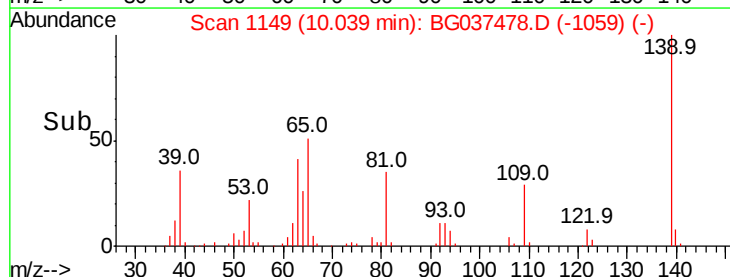
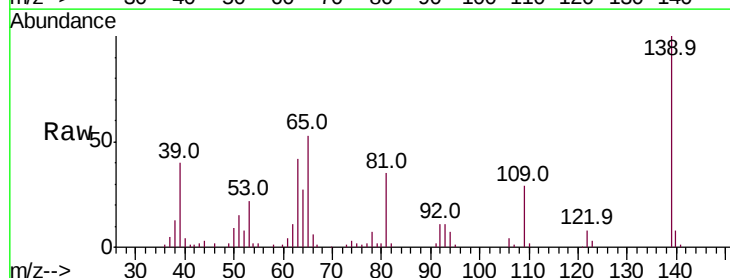
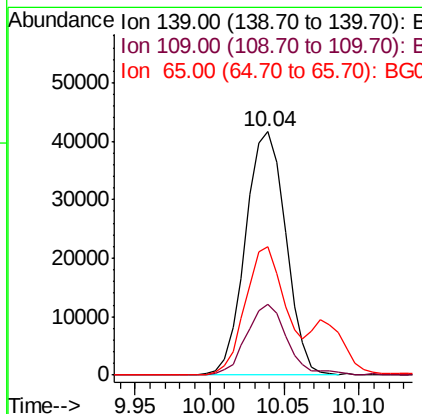
RT: 10.04 min Scan# 1149

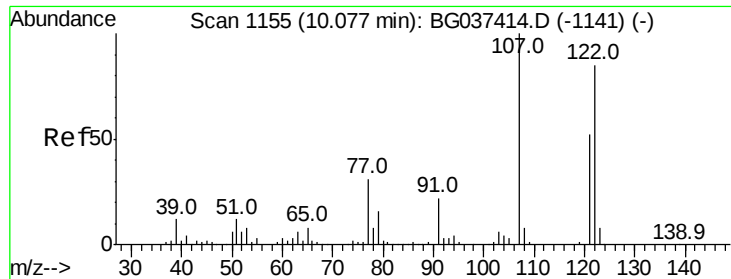
Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 77875 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 29.1  | 23.3  | 34.9  |
| 65        | 52.8  | 39.8  | 59.8  |





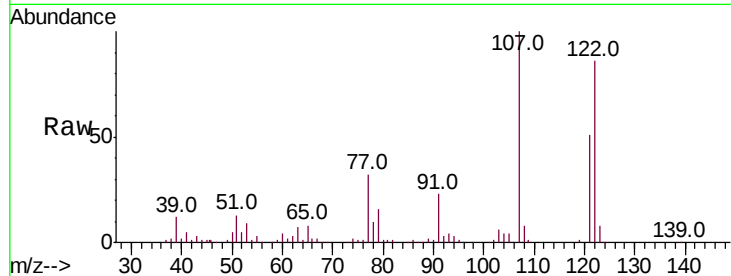
#27  
2,4-Dimethylphenol  
Concen: 49.197 ng  
RT: 10.08 min Scan# 1156  
Delta R.T. 0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampled :  
PB114087BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 116.0 | 94.2  | 141.2 |
| 121     | 59.2  | 47.3  | 70.9  |

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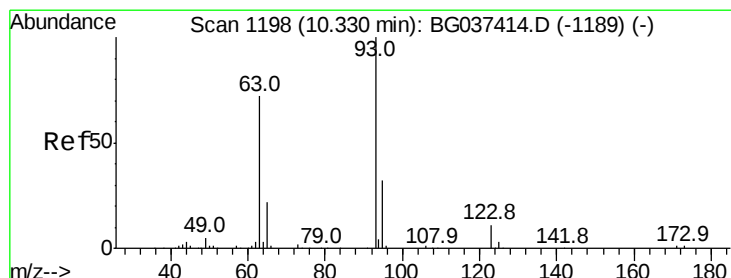
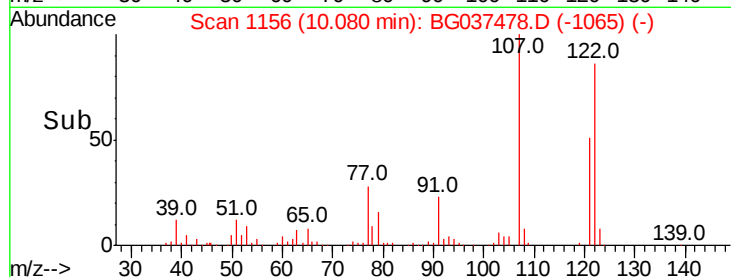
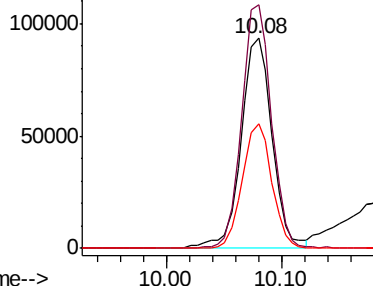


Abundance

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: 42.867 ng  
RT: 10.33 min Scan# 1198  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

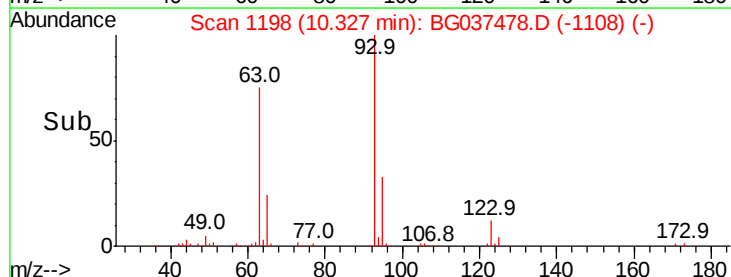
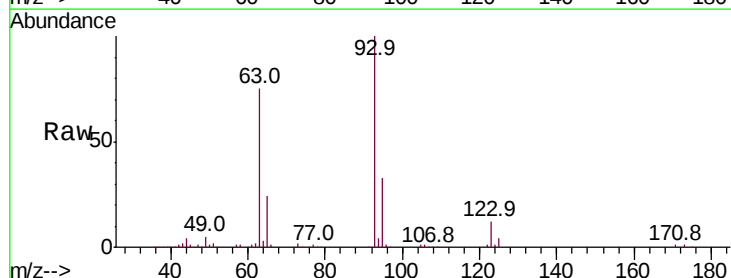
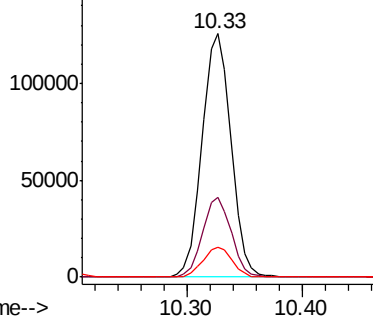
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 24.6  | 37.0  |
| 123     | 12.4  | 9.1   | 13.7  |

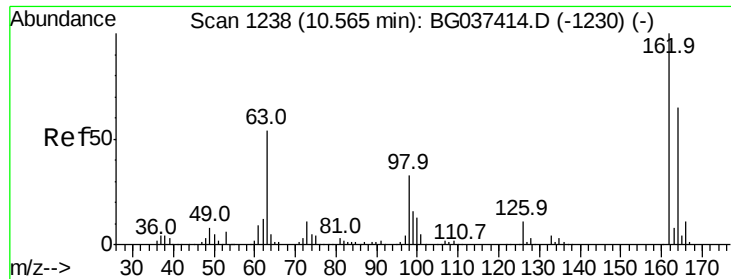
Abundance

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





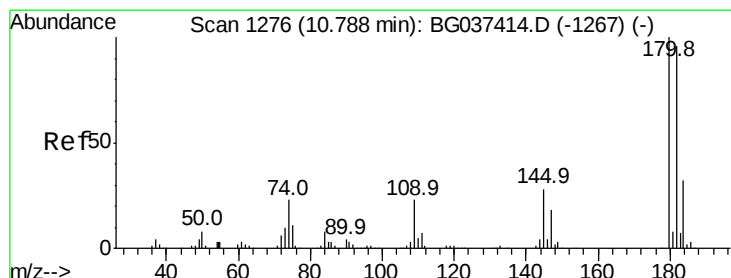
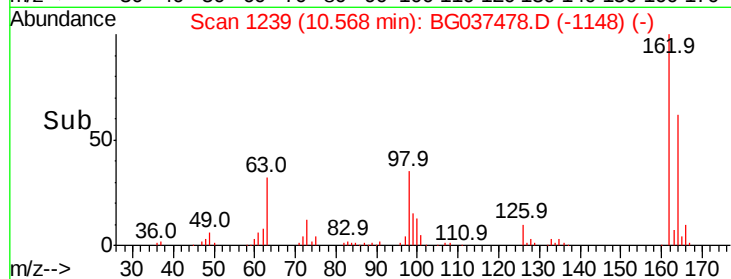
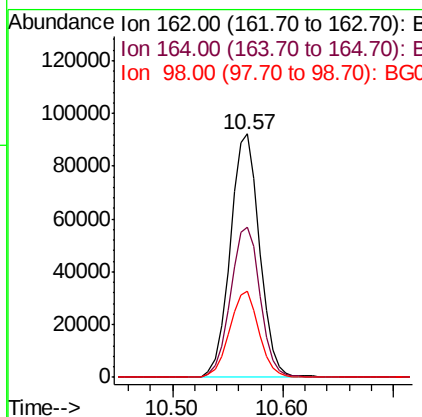
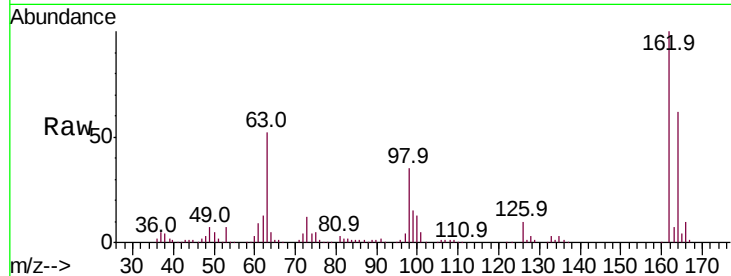
#29  
 2,4-Dichlorophenol  
 Concen: 43.469 ng  
 RT: 10.57 min Scan# 1239  
 Delta R.T. 0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114087BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 171871 |       |       |
| 164     | 61.7  | 43.2   | 83.2  |       |
| 98      | 35.4  | 16.0   | 56.0  |       |

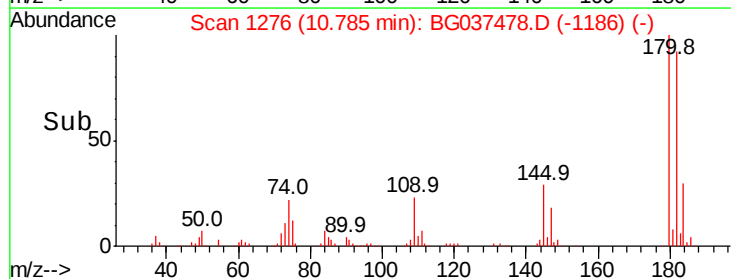
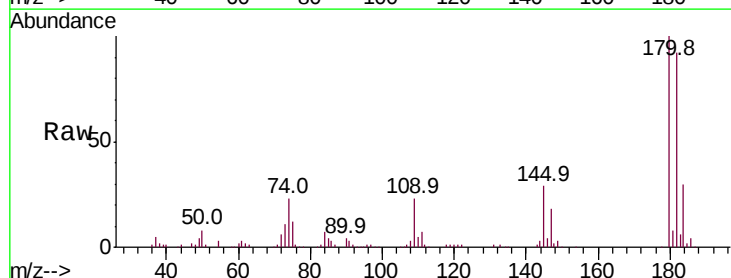
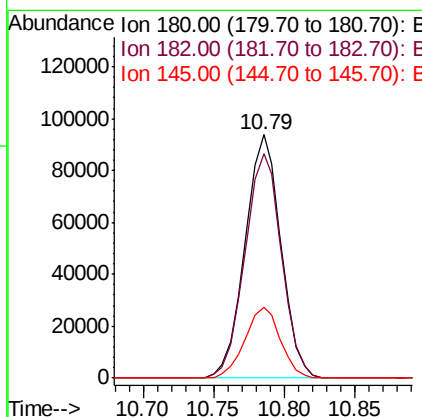
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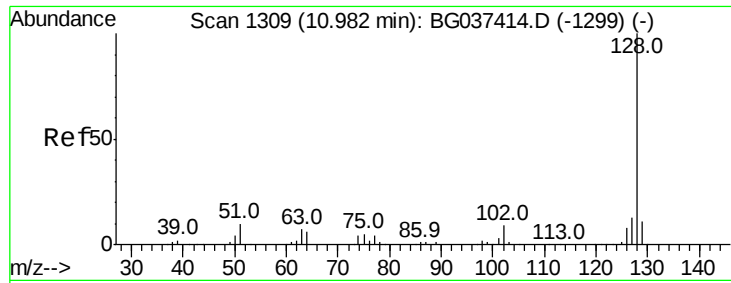
Sohil  
 10/24/2018 10:56:02 AM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 38.850 ng  
 RT: 10.79 min Scan# 1276  
 Delta R.T. -0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 167043 |       |       |
| 182     | 92.4  | 77.7   | 116.5 |       |
| 145     | 29.2  | 23.3   | 34.9  |       |





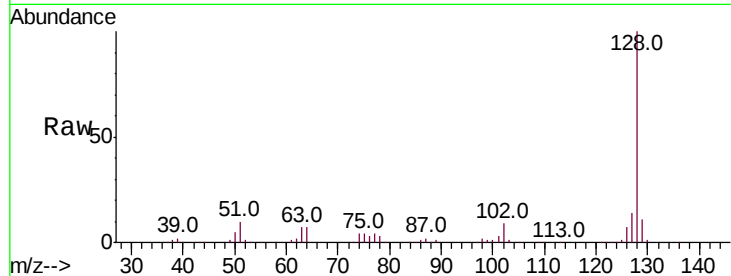
#31  
Naphthalene  
Concen: 43.382 ng  
RT: 10.98 min Scan# 1309  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

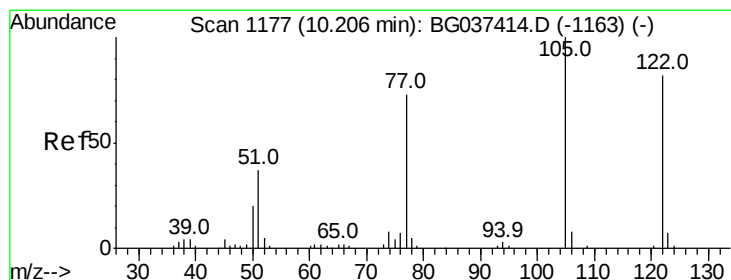
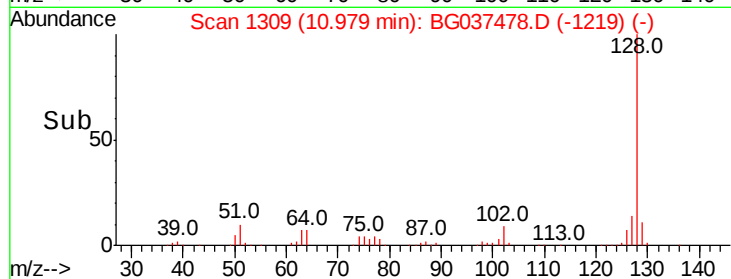
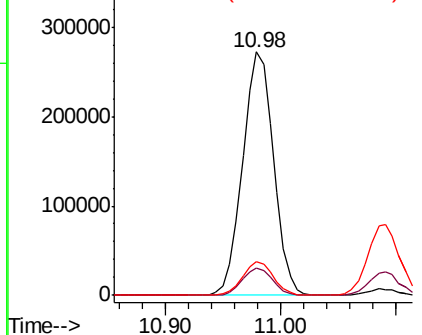
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.0  | 9.0   | 13.6  |
| 127     | 13.9  | 11.1  | 16.7  |

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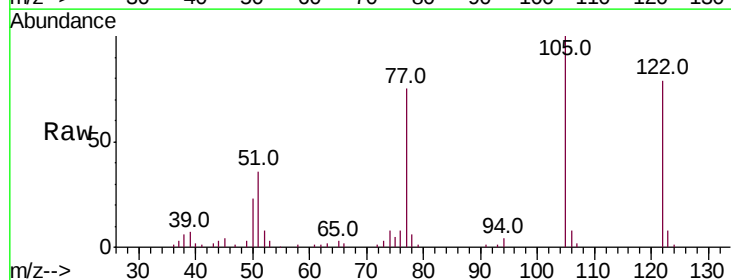


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

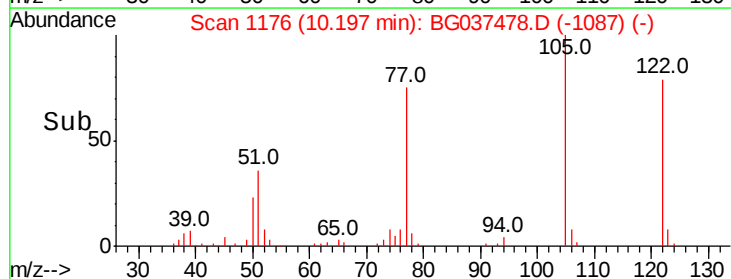
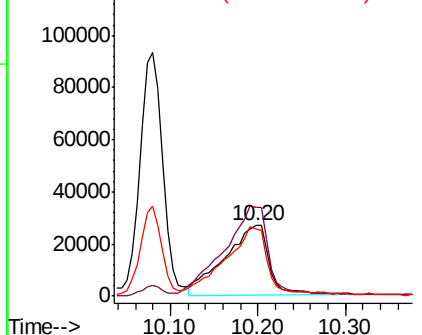


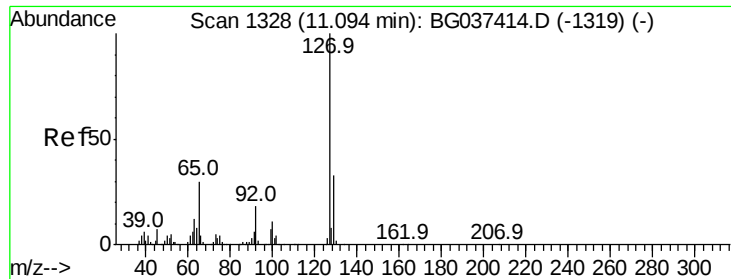
#32  
Benzoic acid  
Concen: 40.387 ng  
RT: 10.20 min Scan# 1176  
Delta R.T. -0.01 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 126.4 | 106.7 | 146.7 |
| 77      | 94.4  | 72.2  | 112.2 |



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





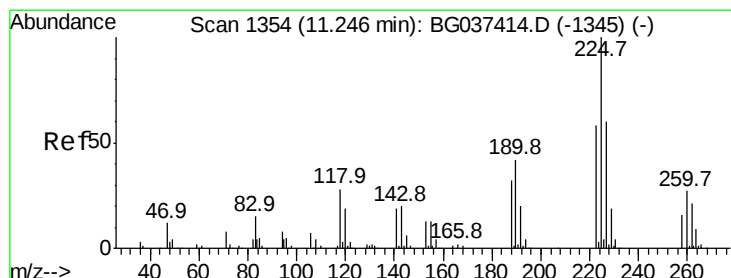
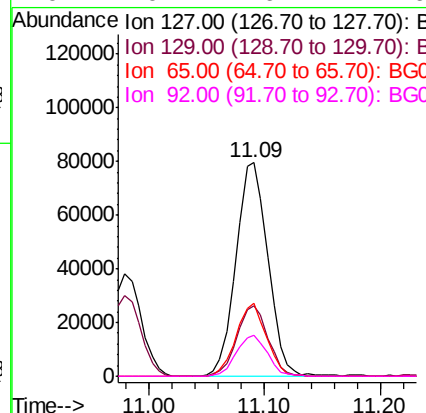
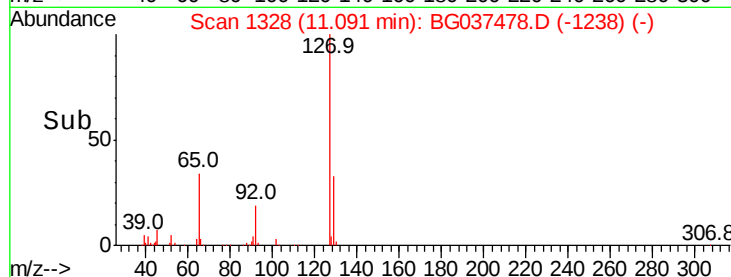
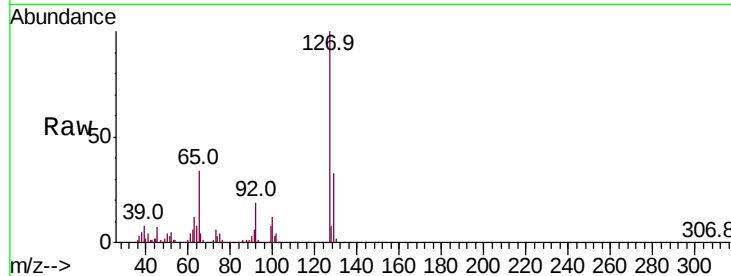
#33  
4-Chloroaniline  
Concen: 27.761 ng  
RT: 11.09 min Scan# 1328  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 127     | 100   |      |       |       |
| 129     | 32.9  | 27.1 | 40.7  |       |
| 65      | 34.0  | 26.6 | 39.8  |       |
| 92      | 19.2  | 16.4 | 24.6  |       |

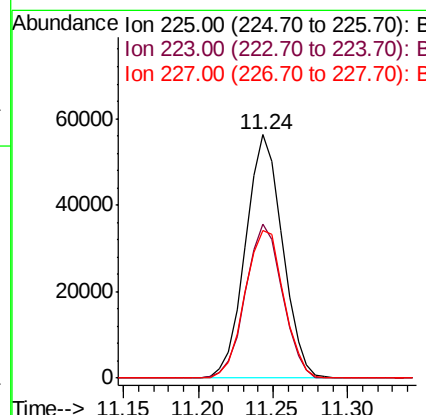
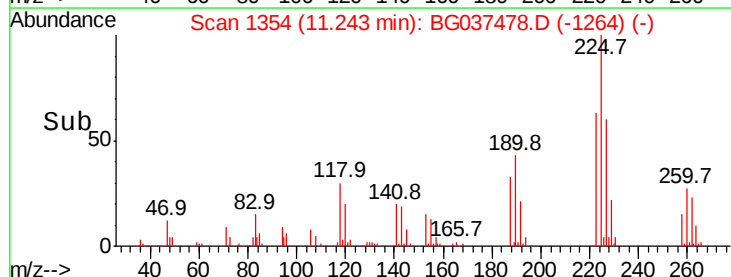
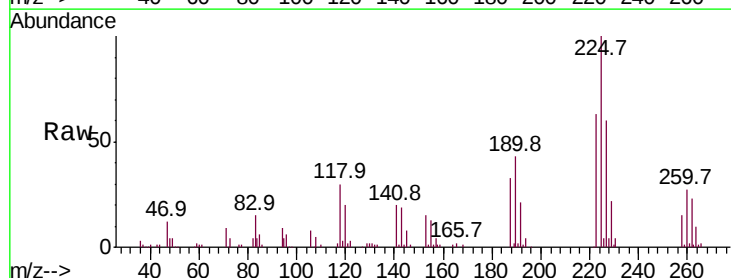
Manual Integrations  
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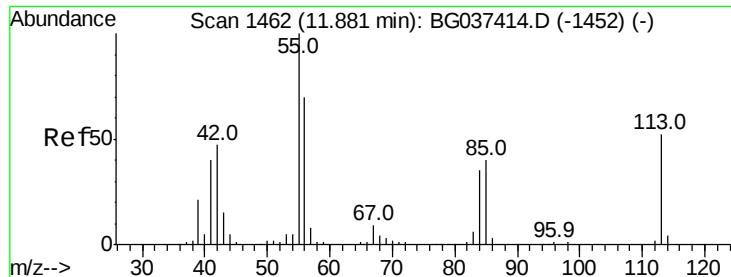
Sohil  
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#34  
Hexachlorobutadiene  
Concen: 37.777 ng  
RT: 11.24 min Scan# 1354  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 60.4  | 48.2 | 72.4  |       |
| 227     | 61.3  | 51.6 | 77.4  |       |





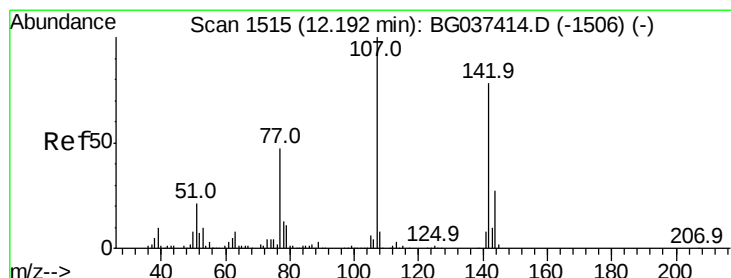
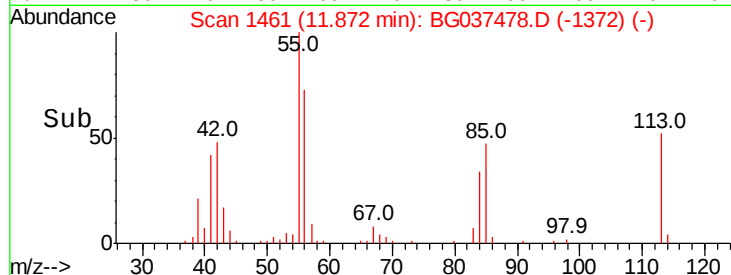
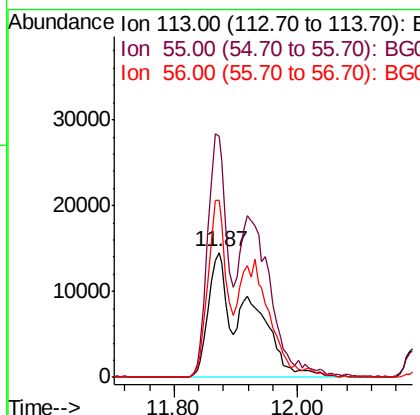
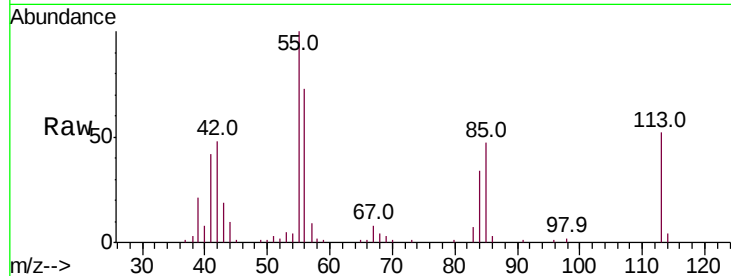
#35  
 Caprolactam  
 Concen: 40.980 ng/ml  
 RT: 11.87 min Scan# 1461  
 Delta R.T. -0.01 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB114087BS

Tot Ion:113 Resp: 64984  
 Ion Ratio Lower Upper  
 113 100  
 55 193.2 176.6 216.6  
 56 141.6 128.3 168.3

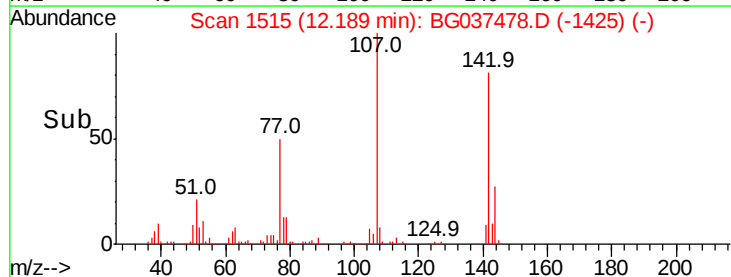
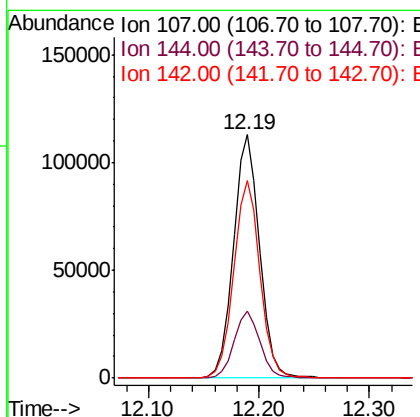
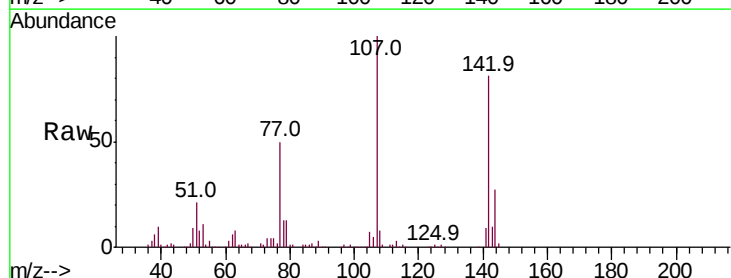
Manual Integrations  
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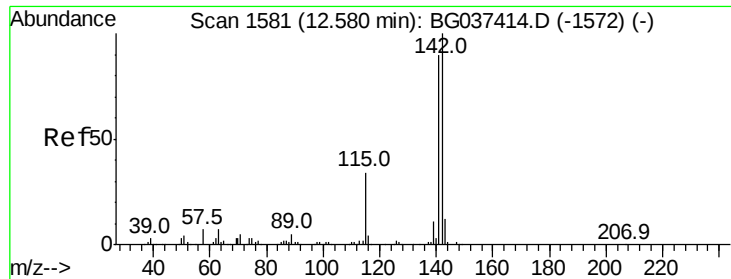
Sohil  
 10/24/2018 10:56:02 AM



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.985 ng  
 RT: 12.19 min Scan# 1515  
 Delta R.T. -0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

Tgt Ion:107 Resp: 187213  
 Ion Ratio Lower Upper  
 107 100  
 144 27.3 20.7 31.1  
 142 81.0 64.4 96.6





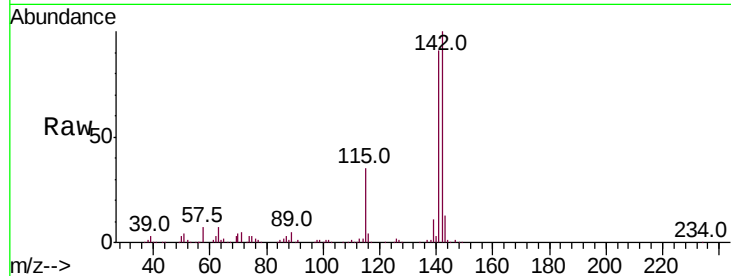
#37  
2-Methylnaphthalene  
Concen: 44.825 ng  
RT: 12.58 min Scan# 1581  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 382091 |       |       |
| 141     | 91.5  | 71.9   | 107.9 |       |
| 115     | 35.1  | 27.8   | 41.8  |       |

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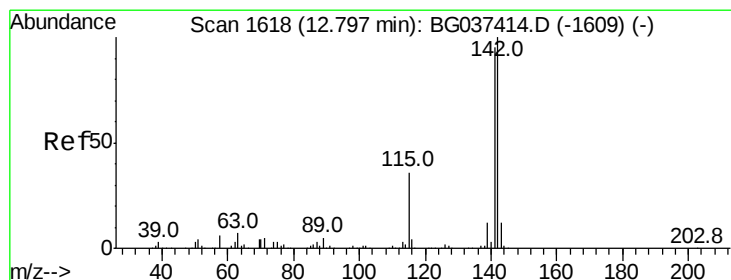
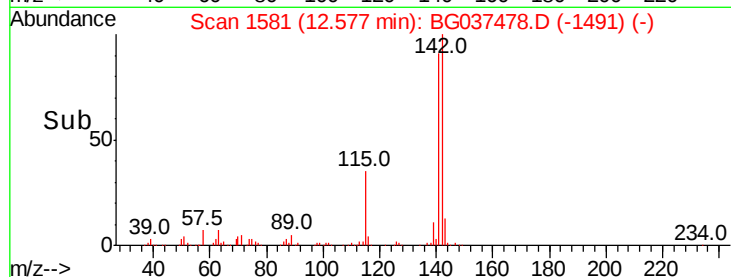
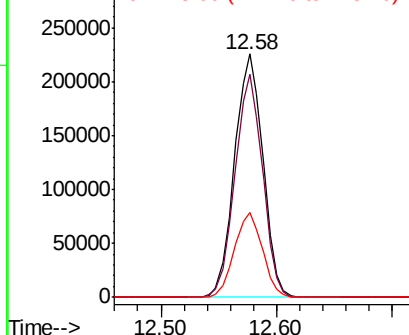


Abundance

Ion 142.00 (141.70 to 142.70): E

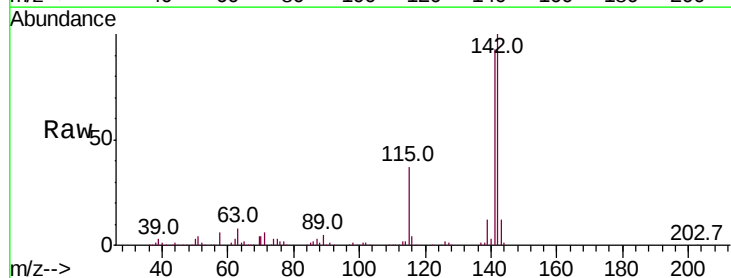
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 44.108 ng  
RT: 12.79 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 365126 |       |       |
| 141     | 93.4  | 75.2   | 112.8 |       |
| 116     | 4.0   | 3.3    | 4.9   |       |

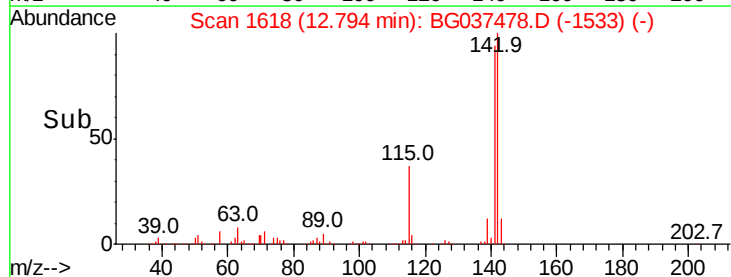
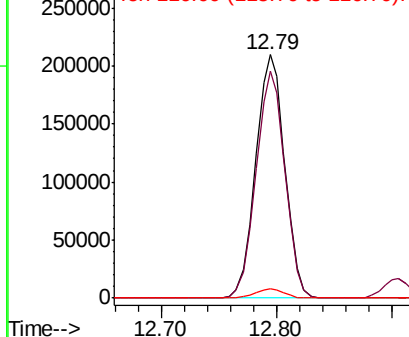


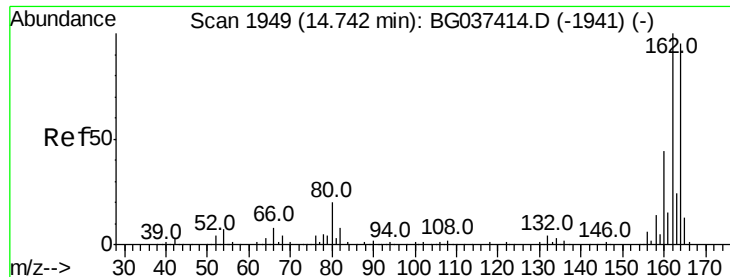
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





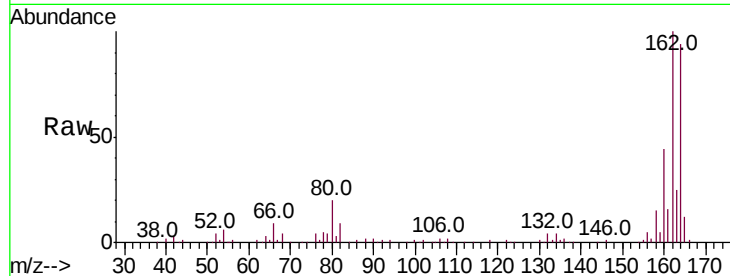
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.74 min Scan# 1949  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 164     | 100   |      |       |       |
| 162     | 106.5 | 81.3 | 121.9 |       |
| 160     | 46.8  | 36.3 | 54.5  |       |

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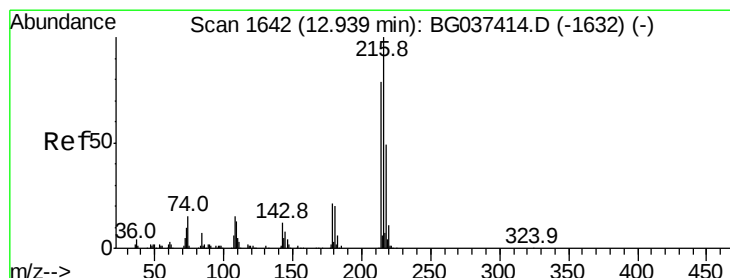
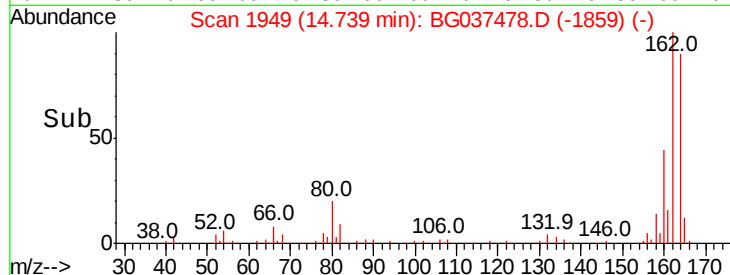
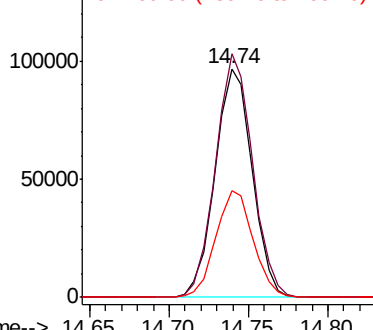


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40  
1,2,4,5-Tetrachlorobenzene  
Concen: 38.036 ng  
RT: 12.94 min Scan# 1642  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 216     | 100   |      |       |       |
| 214     | 78.9  | 63.8 | 95.6  |       |
| 179     | 21.0  | 17.4 | 26.0  |       |
| 108     | 19.9  | 13.9 | 20.9  |       |

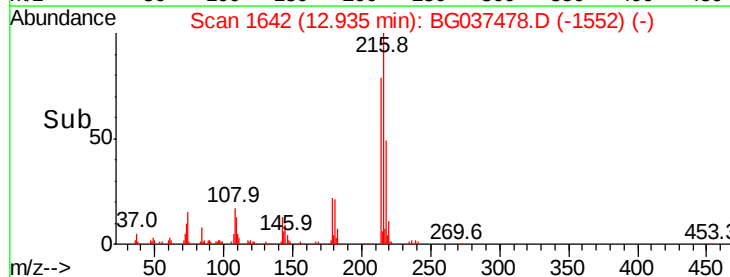
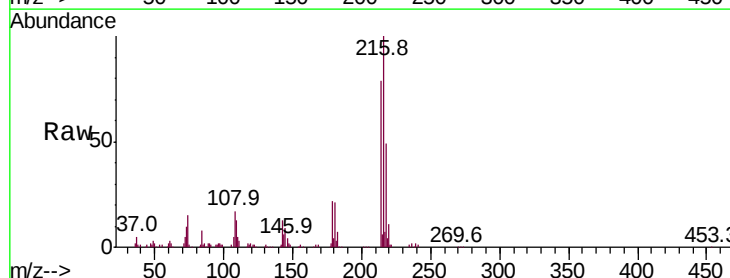
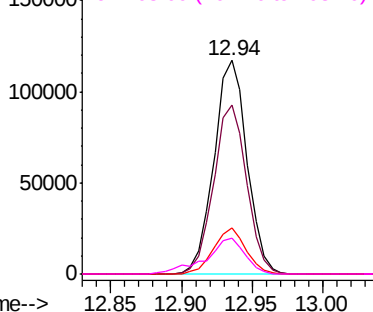
Abundance

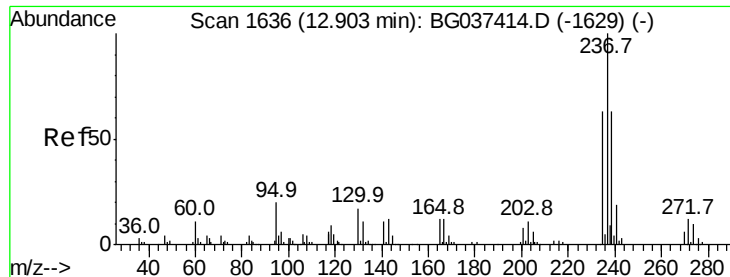
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 95.455 ng

RT: 12.91 min Scan# 1637

Delta R.T. 0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA\_G

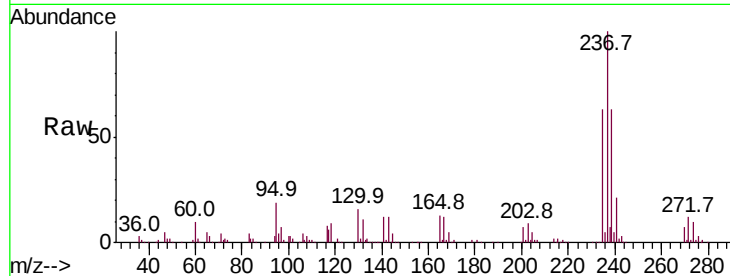
ClientSampleId :

PB114087BS

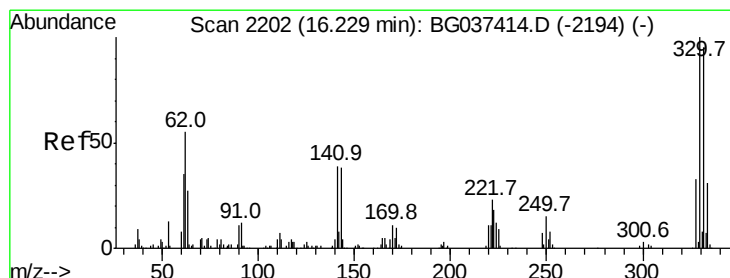
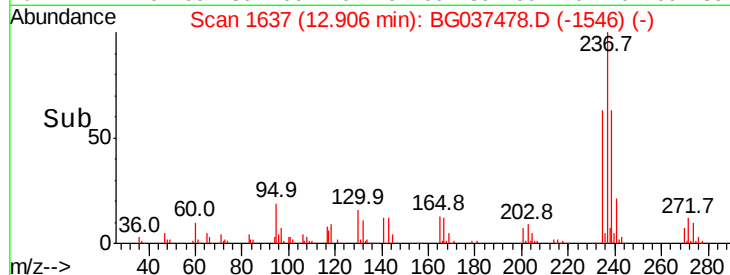
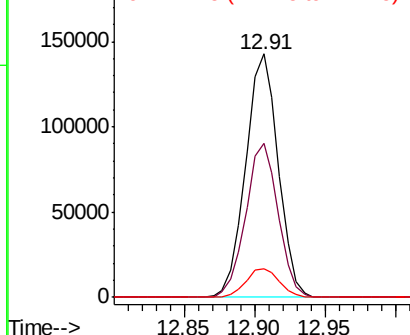
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 230842 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 63.1  | 42.5  | 82.5   |
| 272       | 11.8  | 0.0   | 31.6   |

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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 143.855 ng

RT: 16.23 min Scan# 2202

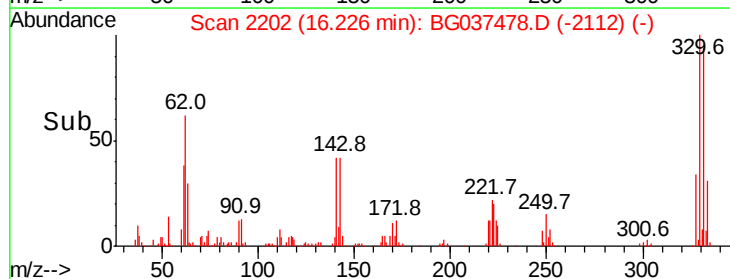
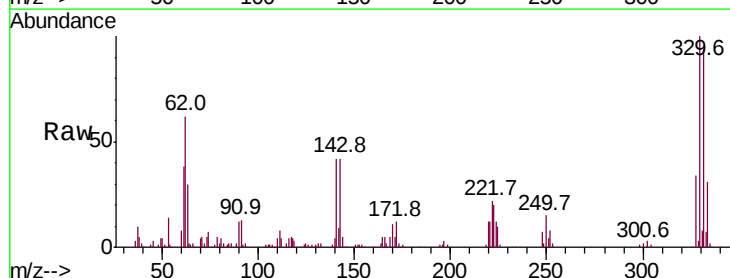
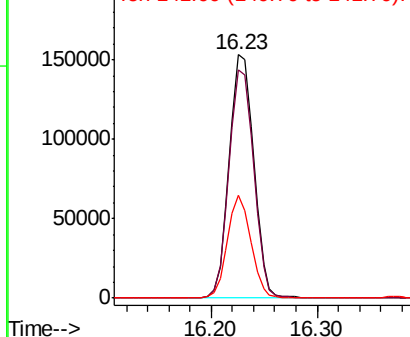
Delta R.T. -0.00 min

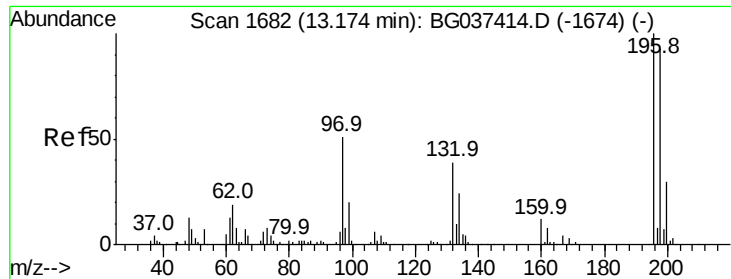
Lab File: BG037478.D

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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 246268 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 94.4  | 78.4  | 117.6  |
| 141       | 40.3  | 32.2  | 48.2   |

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





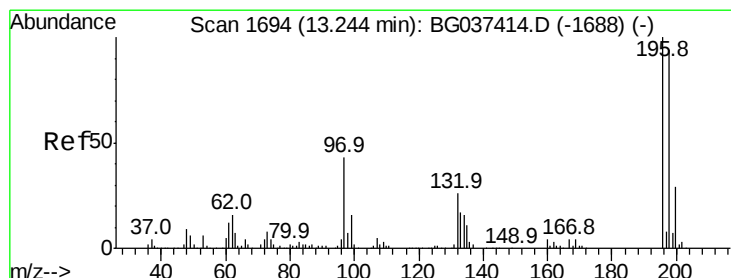
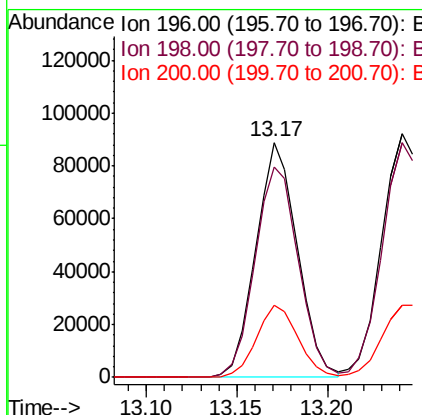
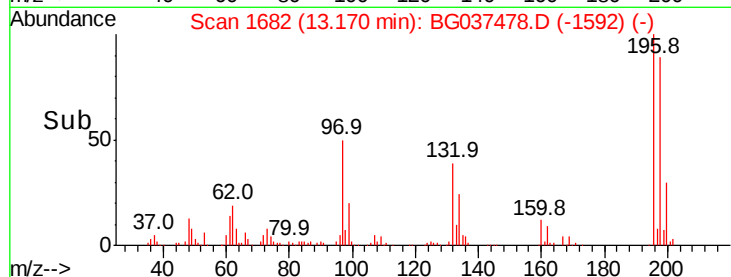
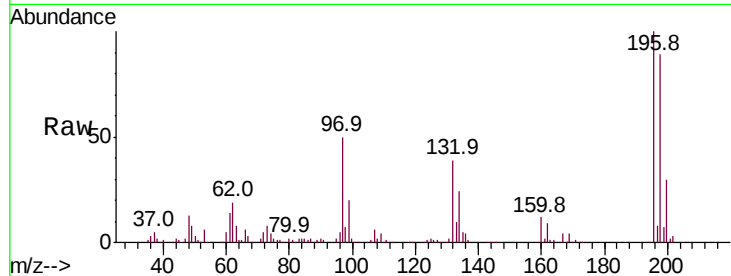
#43  
 2,4,6-Trichlorophenol  
 Concen: 42.011 ng  
 RT: 13.17 min Scan# 1682  
 Delta R.T. -0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114087BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 142094 |       |       |
| 198     | 89.5  | 76.4   | 114.6 |       |
| 200     | 30.5  | 24.9   | 37.3  |       |

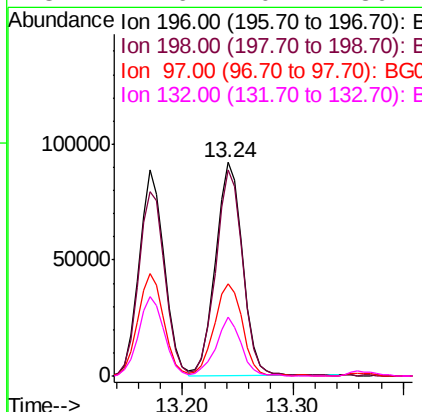
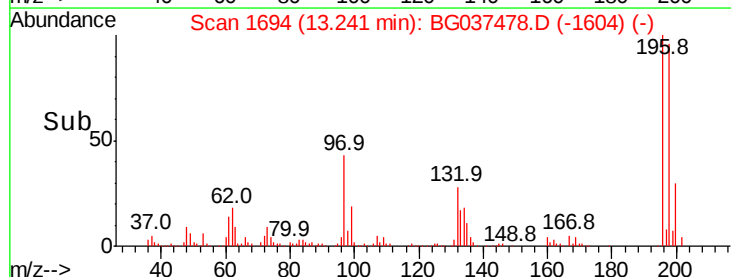
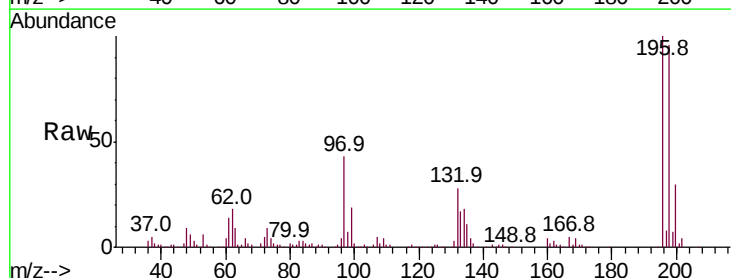
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#44  
 2,4,5-Trichlorophenol  
 Concen: 42.352 ng  
 RT: 13.24 min Scan# 1694  
 Delta R.T. -0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 155964 |       |       |
| 198     | 96.5  | 74.2   | 111.2 |       |
| 97      | 43.2  | 34.1   | 51.1  |       |
| 132     | 27.6  | 20.2   | 30.4  |       |





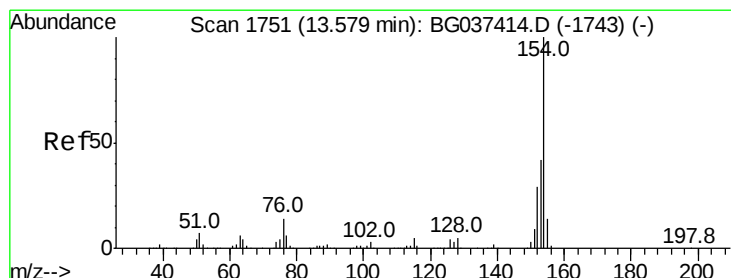
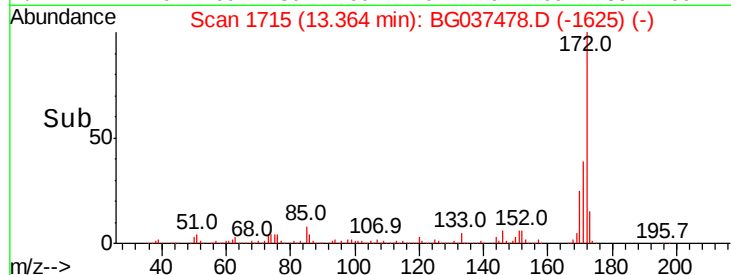
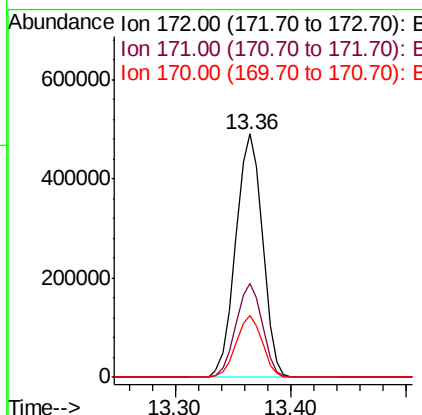
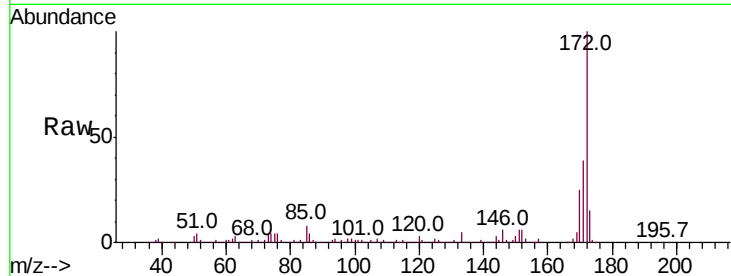
#45  
2-Fluorobiphenyl  
Concen: 75.603 ng  
RT: 13.36 min Scan# 1715  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 38.8  | 31.0 | 46.4  |       |
| 170     | 25.2  | 20.2 | 30.2  |       |

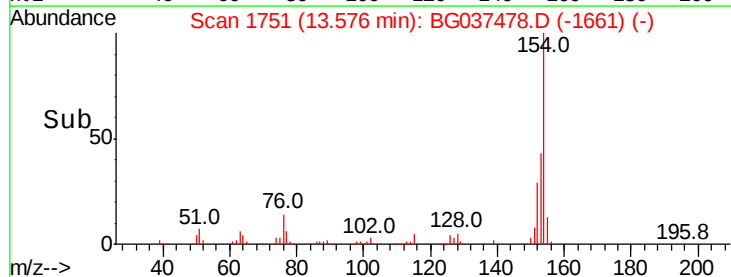
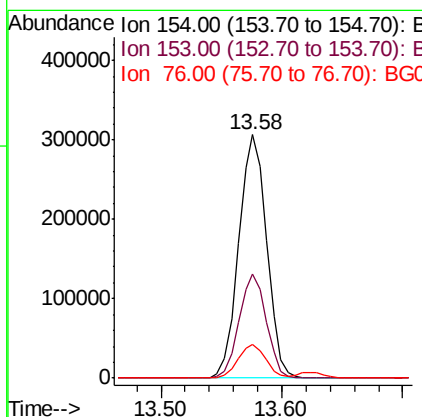
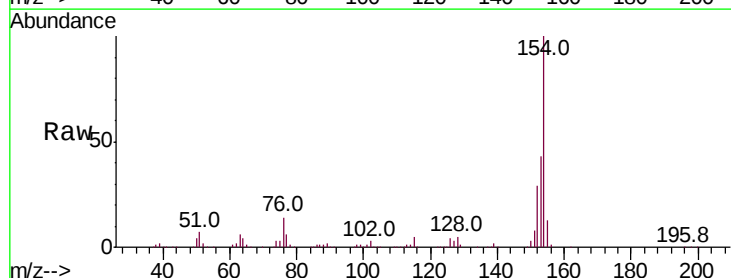
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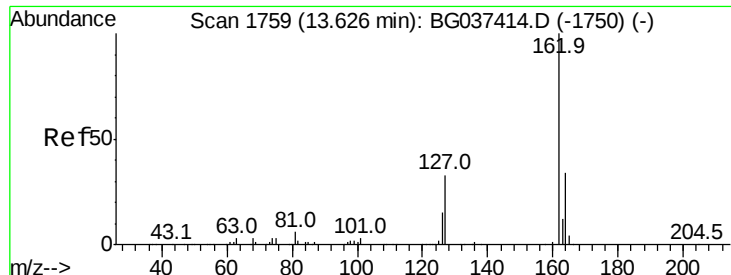
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#46  
1,1'-Biphenyl  
Concen: 37.946 ng  
RT: 13.58 min Scan# 1751  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 42.8  | 22.1 | 62.1  |       |
| 76      | 13.7  | 0.0  | 33.2  |       |





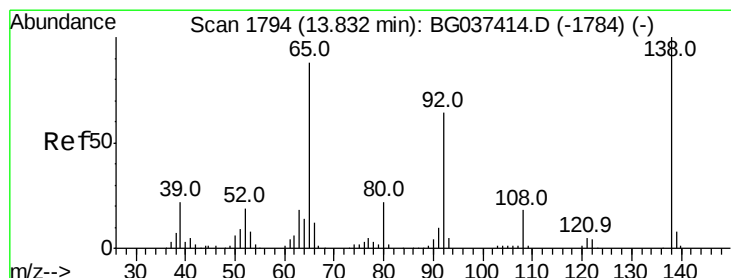
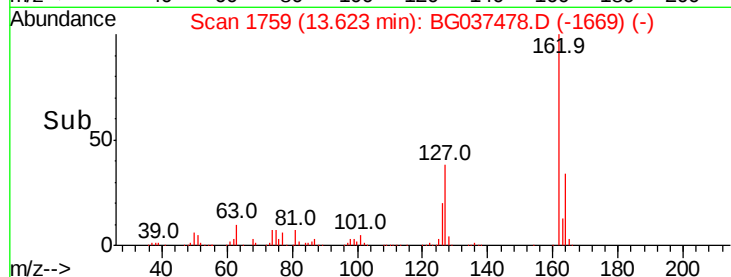
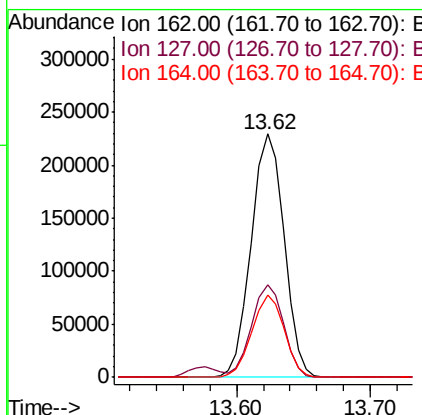
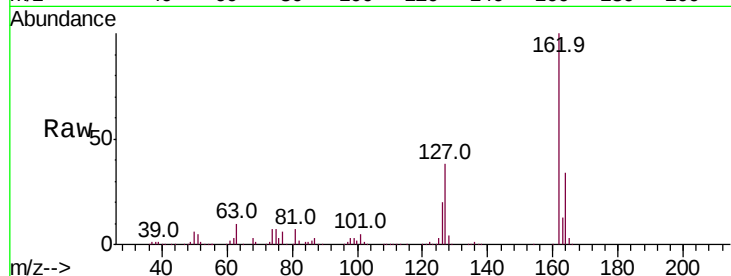
#47  
2-Chloronaphthalene  
Concen: 39.716 ng  
RT: 13.62 min Scan# 1759  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 38.2  | 30.5 | 45.7  |       |
| 164     | 34.0  | 26.4 | 39.6  |       |

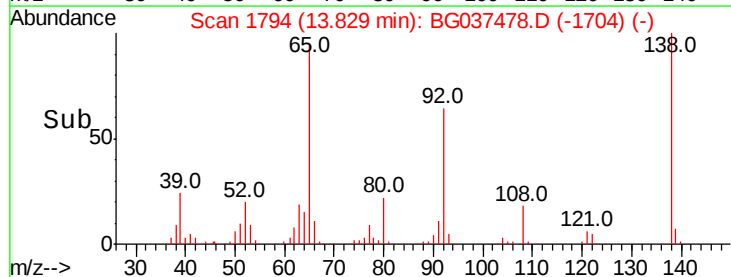
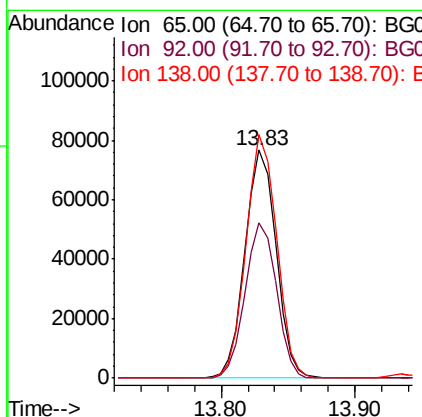
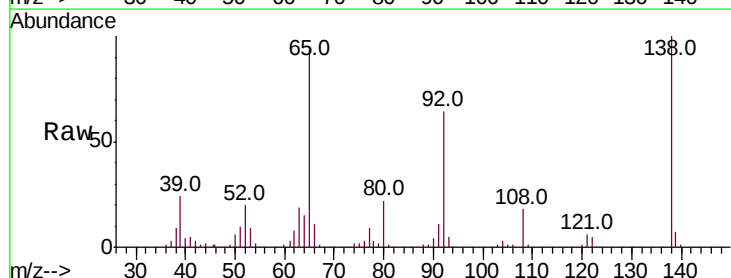
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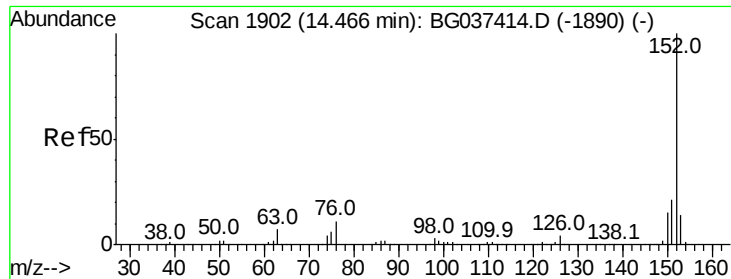
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#48  
2-Nitroaniline  
Concen: 41.436 ng  
RT: 13.83 min Scan# 1794  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 92      | 68.4  | 53.2 | 79.8  |       |
| 138     | 106.9 | 79.3 | 118.9 |       |





#49

Acenaphthylene

Concen: 44.438 ng

RT: 14.47 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA\_G

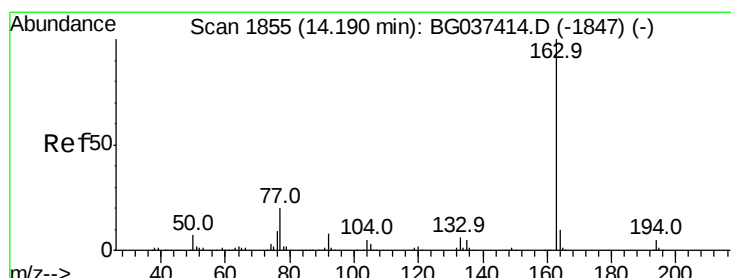
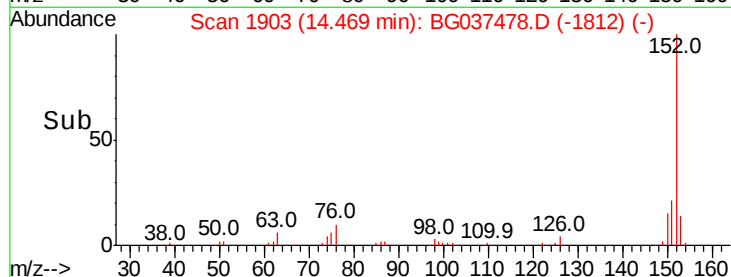
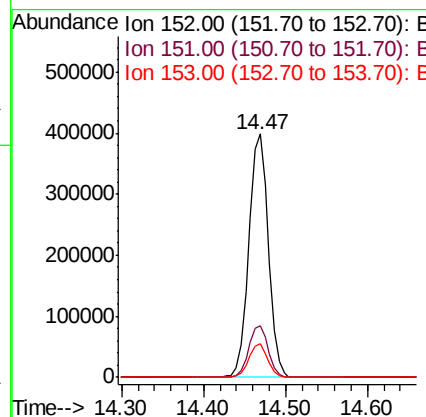
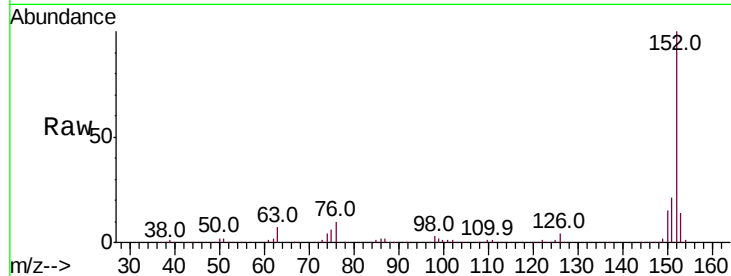
ClientSampleId :

PB114087BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 657387 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 21.4  | 17.1  | 25.7   |
| 153       | 13.9  | 11.1  | 16.7   |

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#50

Dimethylphthalate

Concen: 42.363 ng

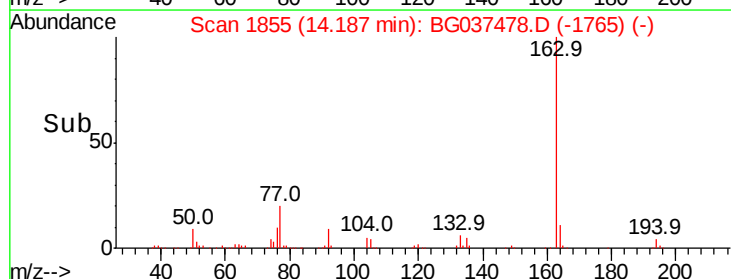
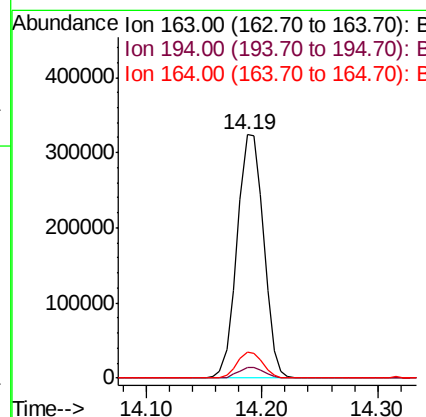
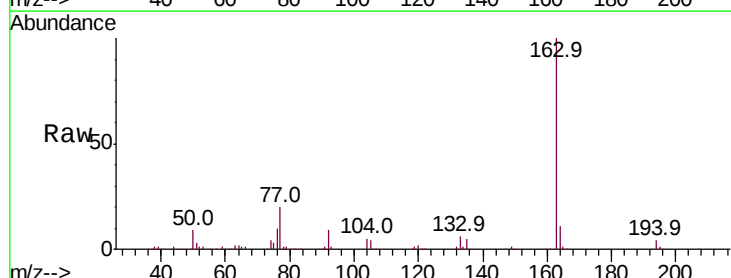
RT: 14.19 min Scan# 1855

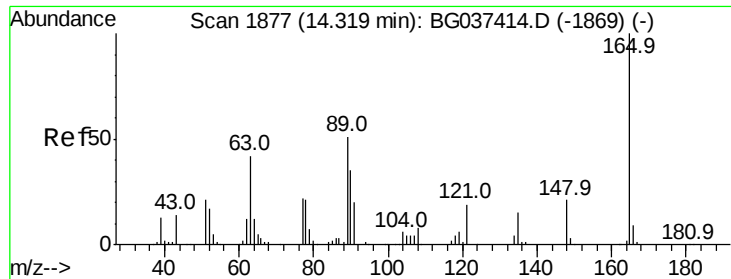
Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 514388 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.4   | 3.5   | 5.3    |
| 164       | 10.8  | 8.5   | 12.7   |





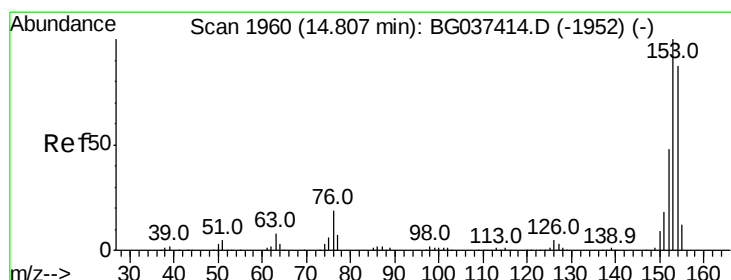
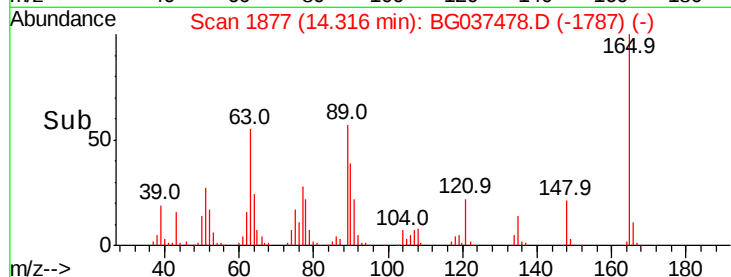
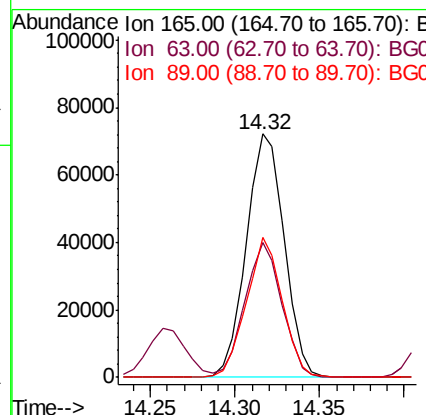
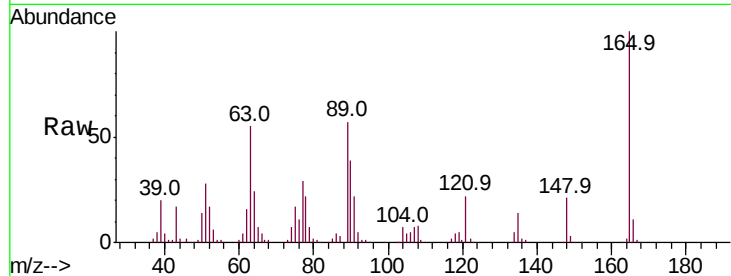
#51  
2,6-Dinitrotoluene  
Concen: 41.905 ng  
RT: 14.32 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 112564 |       |       |
| 63      | 55.4  | 43.4   | 65.2  |       |
| 89      | 57.4  | 45.8   | 68.6  |       |

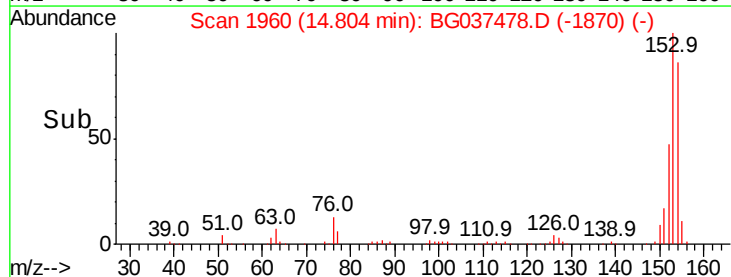
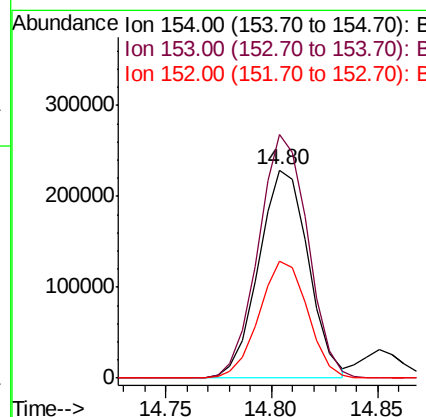
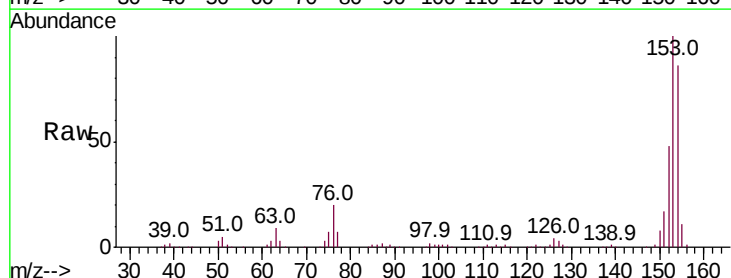
Manual Integrations  
APPROVED

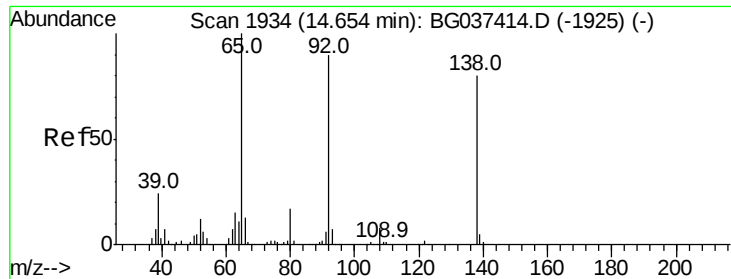
Sohil  
10/24/2018 10:56:02 AM



#52  
Acenaphthene  
Concen: 41.114 ng  
RT: 14.80 min Scan# 1960  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 374578 |       |       |
| 153     | 116.9 | 93.4   | 140.0 |       |
| 152     | 55.9  | 44.7   | 67.1  |       |





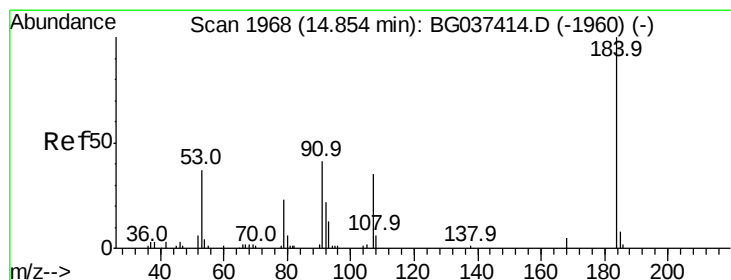
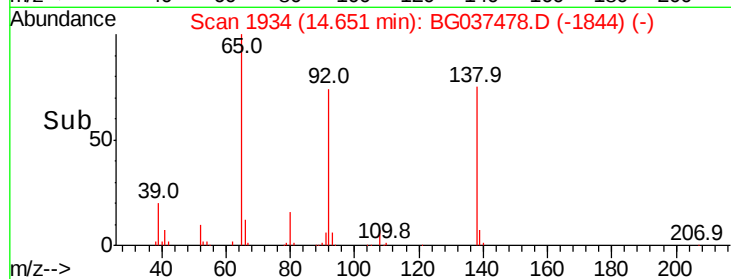
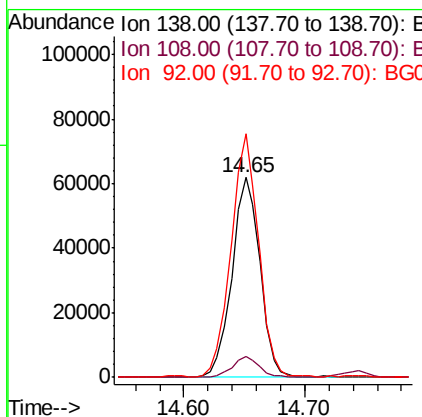
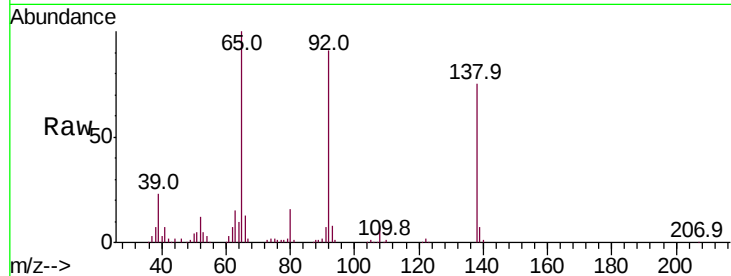
#53  
3-Nitroaniline  
Concen: 33.476 ng  
RT: 14.65 min Scan# 1934  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.4  | 11.0  | 16.6# |
| 92      | 122.0 | 95.2  | 142.8 |

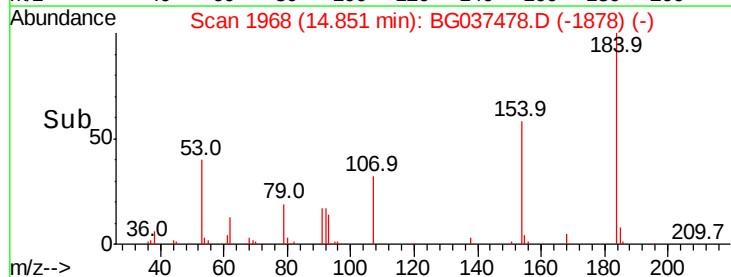
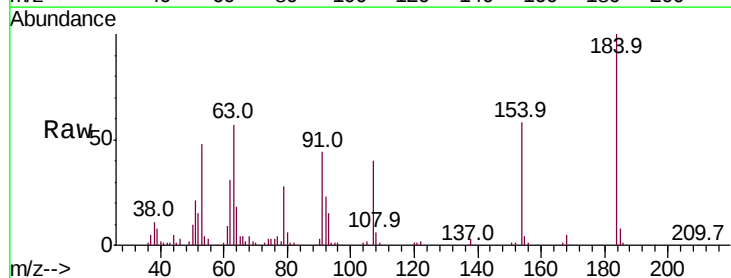
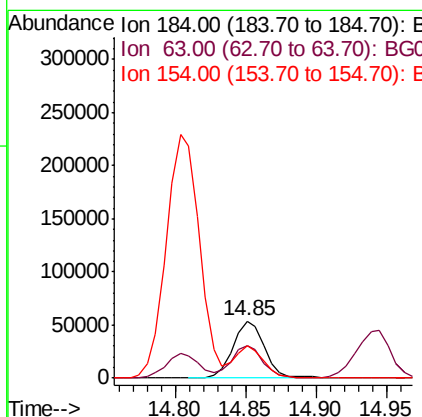
Manual Integrations  
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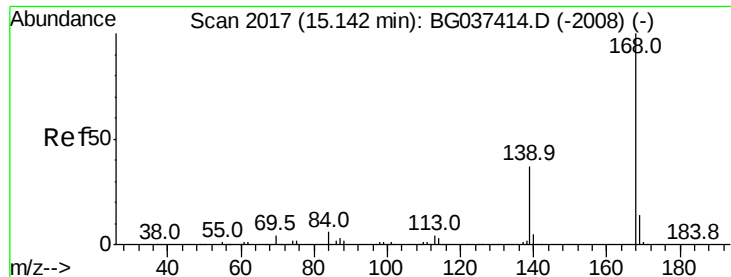
Sohil  
10/24/2018 10:56:02 AM



#54  
2,4-Dinitrophenol  
Concen: 74.370 ng  
RT: 14.85 min Scan# 1968  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 57.2  | 42.6  | 63.8  |
| 154     | 58.0  | 41.8  | 62.6  |





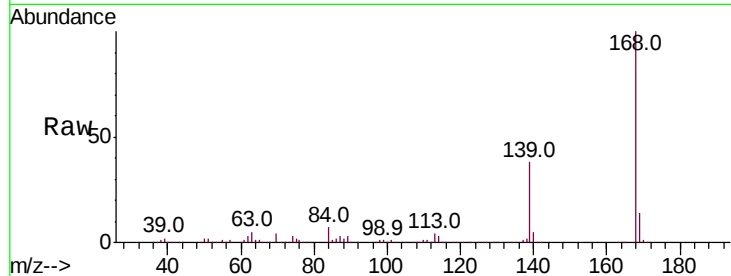
#55  
Dibenzenofuran  
Concen: 40.276 ng  
RT: 15.14 min Scan# 2017  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 37.8  | 29.4  | 44.0  |
| 169     | 13.7  | 11.0  | 16.6  |

Manual Integrations  
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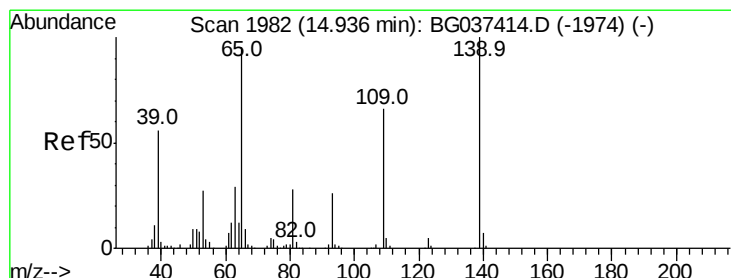
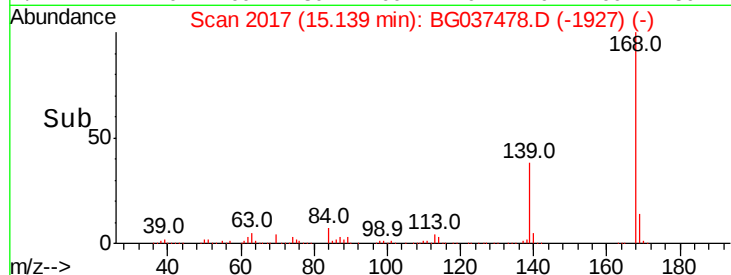
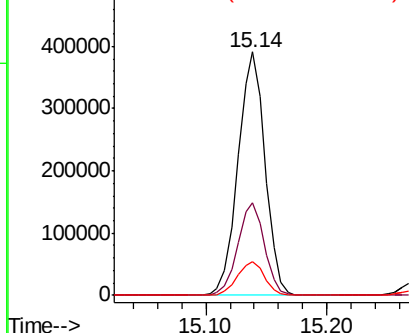


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 124.091 ng  
RT: 14.94 min Scan# 1984  
Delta R.T. 0.01 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

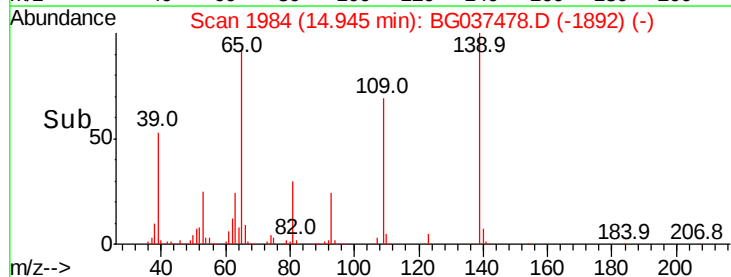
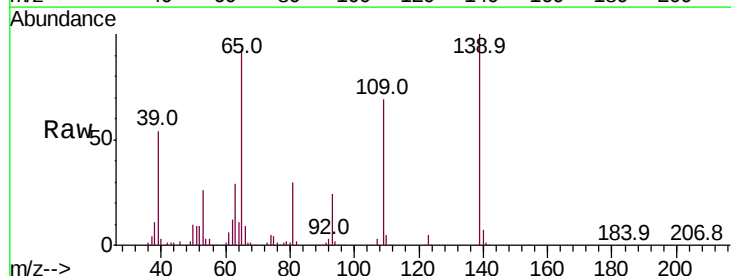
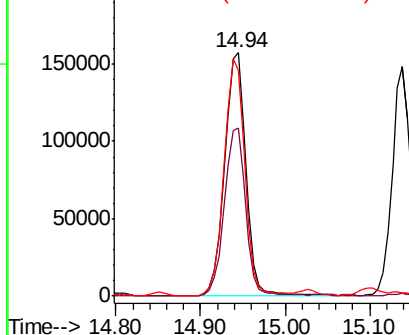
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 68.8  | 49.5  | 89.5  |
| 65      | 92.6  | 76.8  | 116.8 |

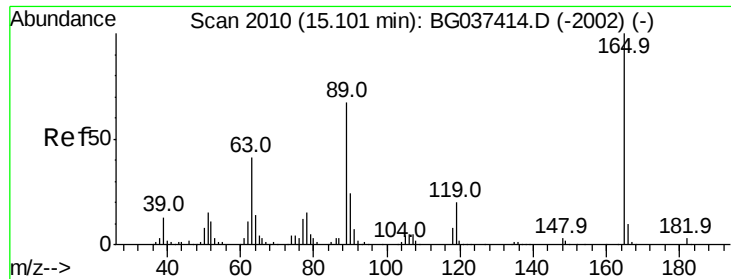
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO





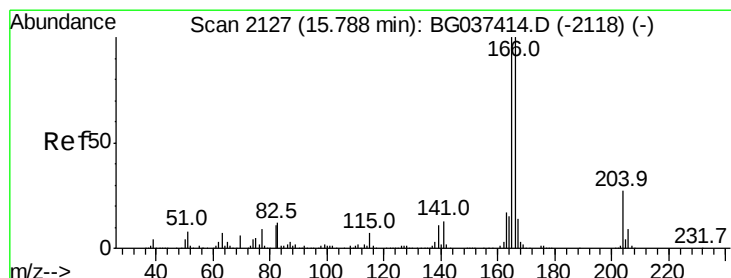
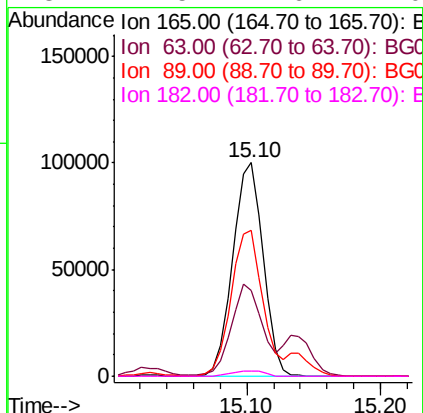
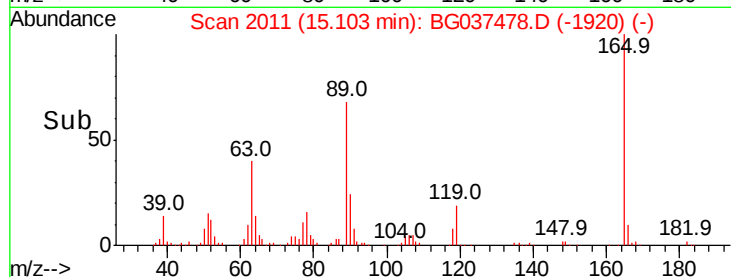
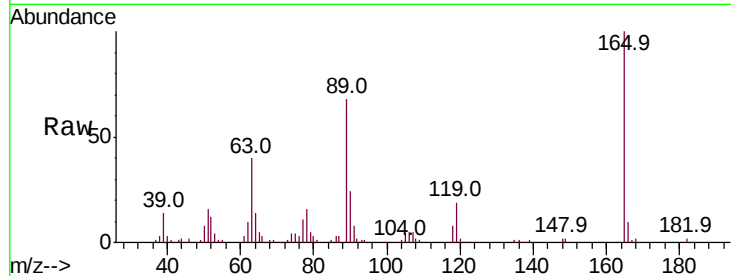
#57  
2,4-Dinitrotoluene  
Concen: 44.920 ng  
RT: 15.10 min Scan# 2011  
Delta R.T. 0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 158391 |       |       |
| 63      | 39.9  | 33.4   | 50.0  |       |
| 89      | 68.1  | 57.2   | 85.8  |       |
| 182     | 2.5   | 2.6    | 4.0   |       |

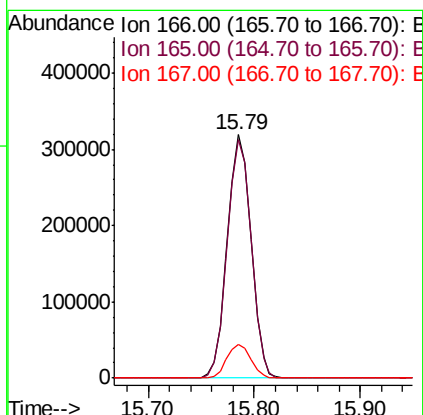
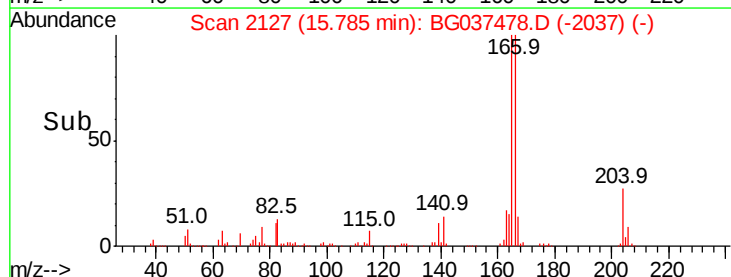
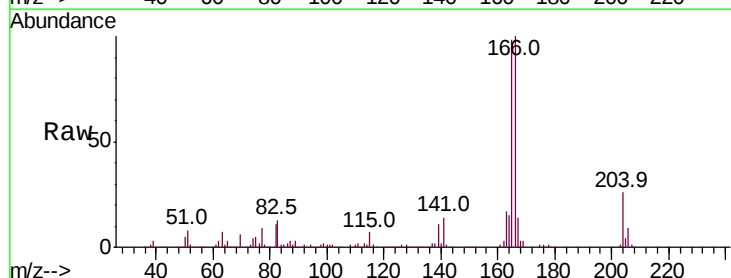
Manual Integrations  
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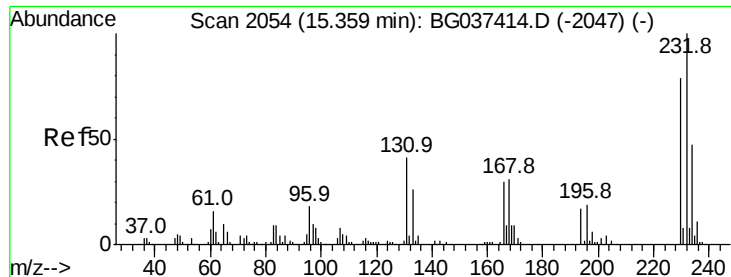
Sohil  
10/24/2018 10:56:02 AM



#58  
Fluorene  
Concen: 43.860 ng  
RT: 15.79 min Scan# 2127  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 495781 |       |       |
| 165     | 98.0  | 79.0   | 118.6 |       |
| 167     | 14.0  | 11.3   | 16.9  |       |





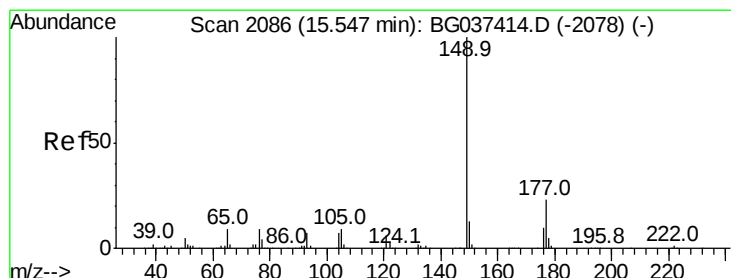
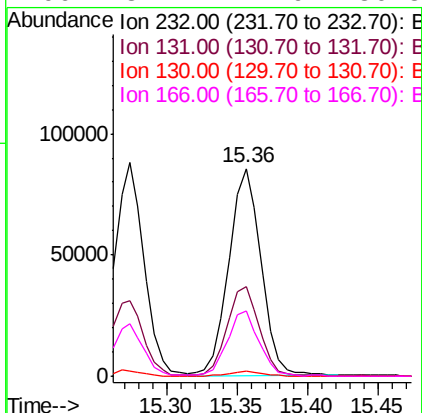
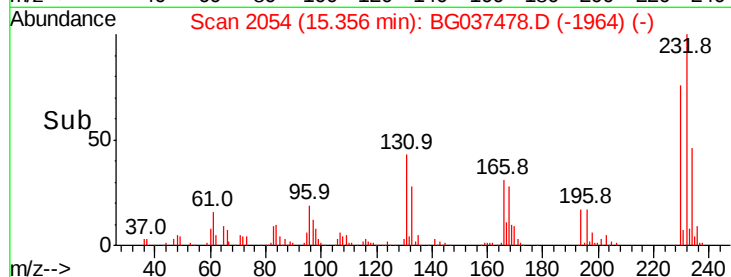
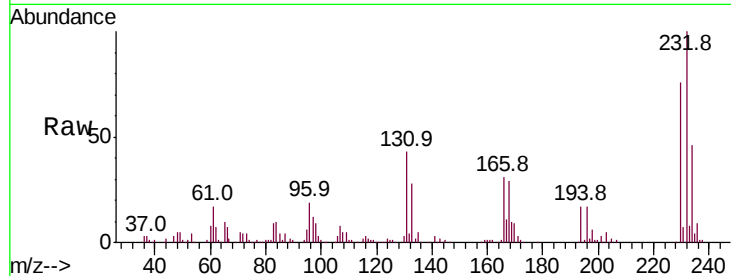
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.047 ng  
 RT: 15.36 min Scan# 2054  
 Delta R.T. -0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114087BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 135729 |       |       |
| 131     | 44.2  |        | 33.7  | 50.5  |
| 130     | 2.5   |        | 2.1   | 3.1   |
| 166     | 31.1  |        | 24.6  | 36.8  |

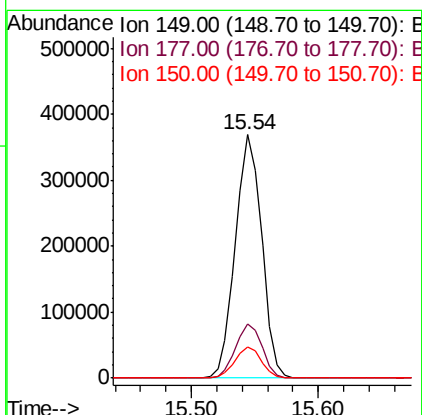
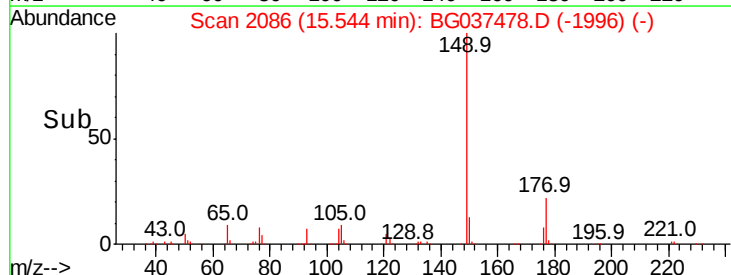
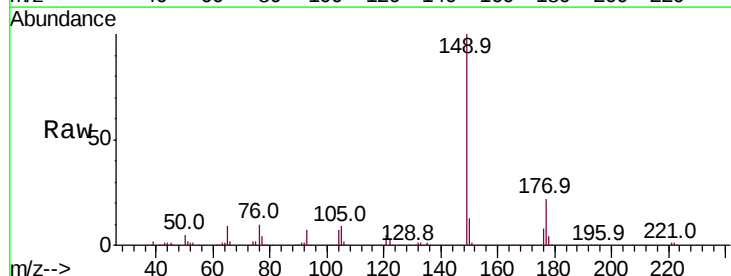
Manual Integrations  
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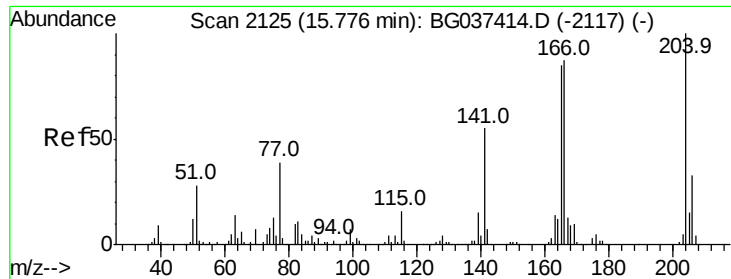
Sohil  
 10/24/2018 10:56:02 AM



#60  
 Diethylphthalate  
 Concen: 42.468 ng  
 RT: 15.54 min Scan# 2086  
 Delta R.T. -0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 529416 |       |       |
| 177     | 22.4  |        | 18.3  | 27.5  |
| 150     | 12.6  |        | 10.0  | 15.0  |





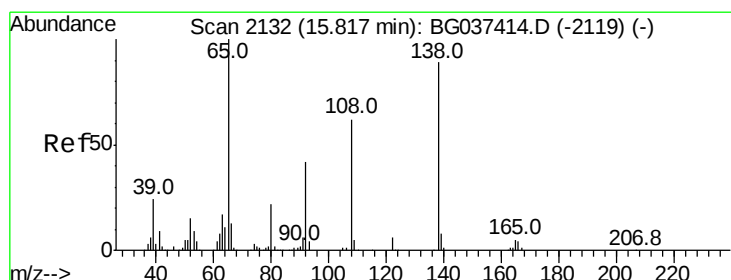
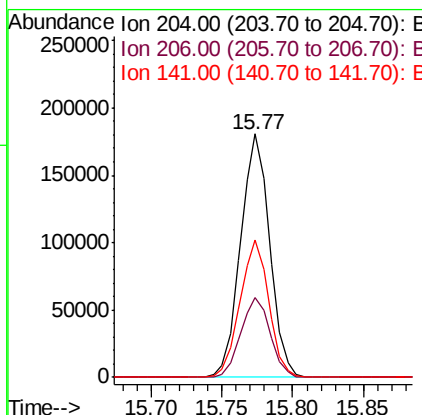
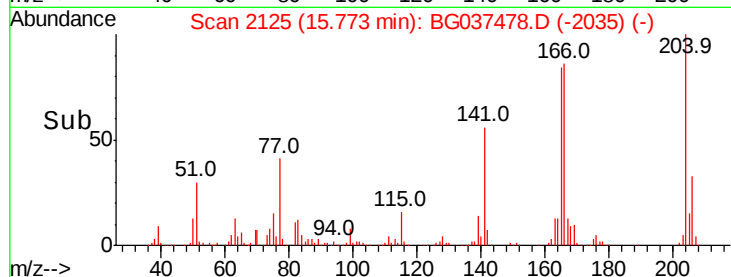
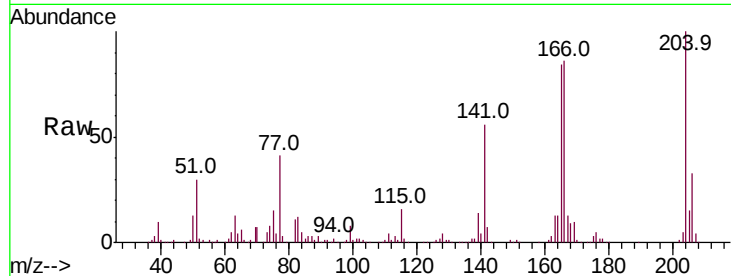
#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.431 ng  
 RT: 15.77 min Scan# 2125  
 Delta R.T. -0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB114087BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 259793 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.9  | 26.6  | 39.8   |
| 141       | 56.3  | 45.4  | 68.2   |

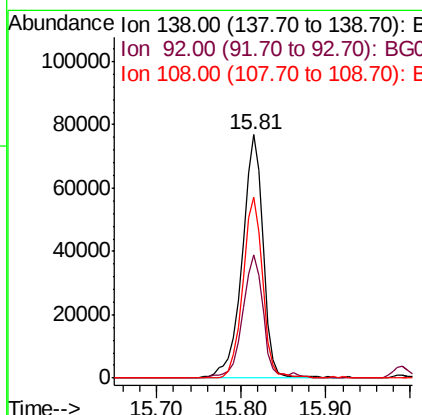
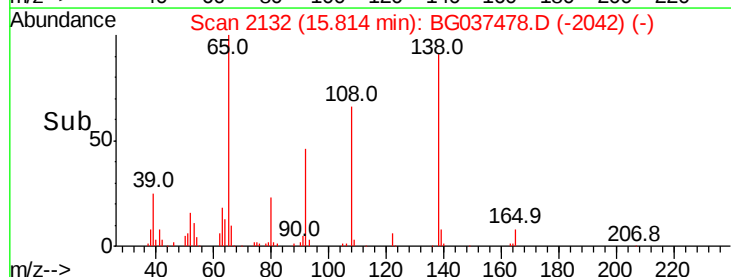
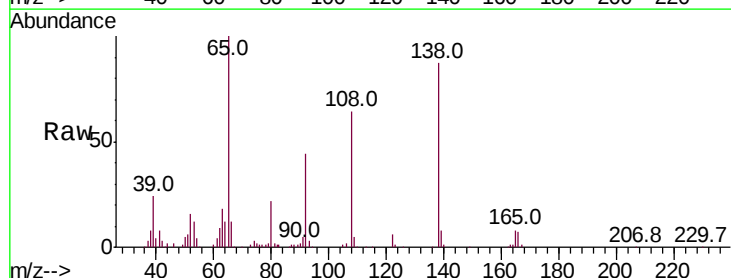
Manual Integrations  
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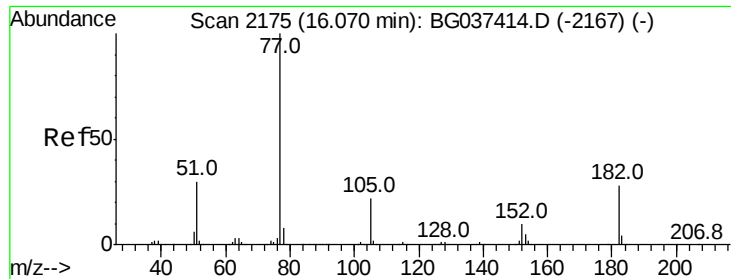
Sohil  
 10/24/2018 10:56:02 AM



#62  
 4-Nitroaniline  
 Concen: 44.207 ng  
 RT: 15.81 min Scan# 2132  
 Delta R.T. -0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 130990 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 50.4  | 36.4  | 76.4   |
| 108       | 74.2  | 60.1  | 100.1  |





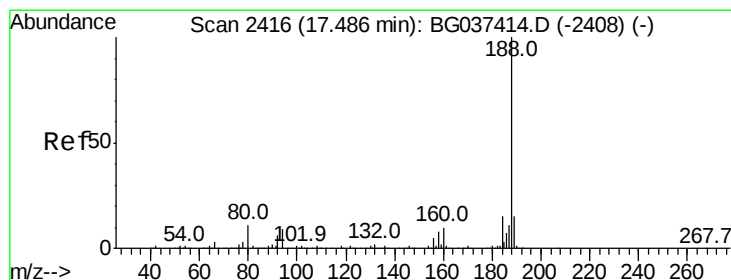
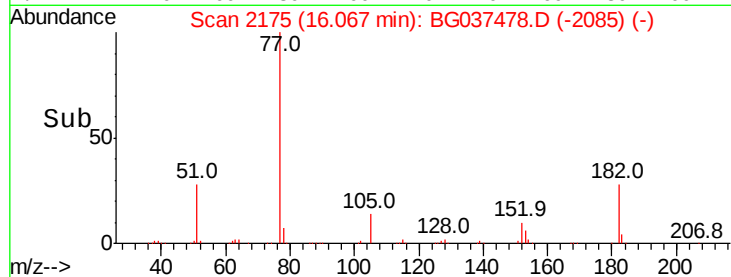
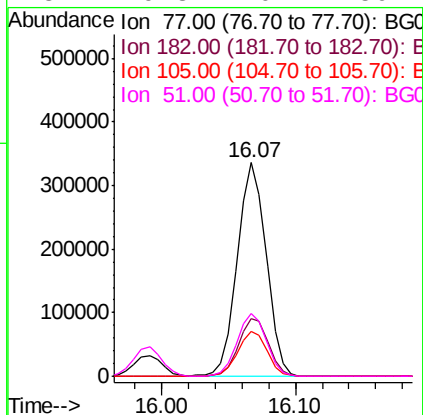
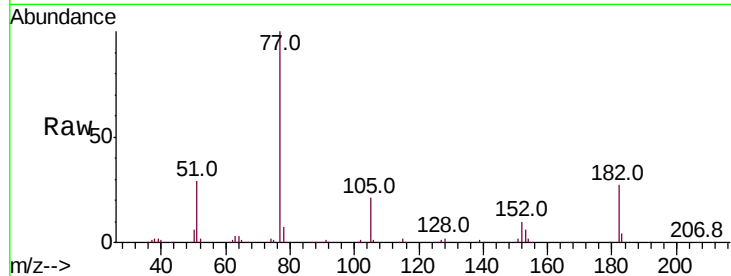
#63  
Azobenzene  
Concen: 42.325 ng  
RT: 16.07 min Scan# 2175  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 77      | 100  |       |       |       |
| 182     | 27.2 | 8.0   | 48.0  |       |
| 105     | 21.2 | 1.3   | 41.3  |       |
| 51      | 29.3 | 10.7  | 50.7  |       |

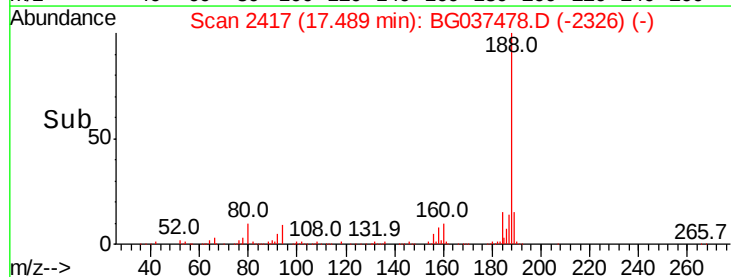
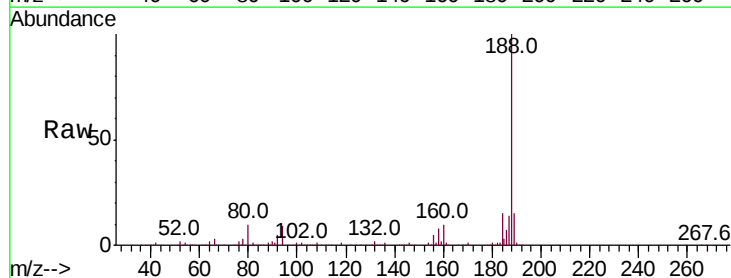
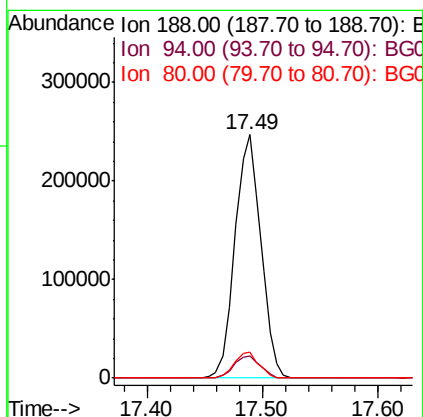
Manual Integrations  
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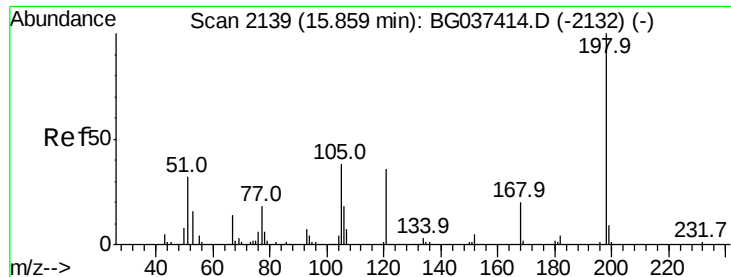
Sohil  
10/24/2018 10:56:02 AM



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.49 min Scan# 2417  
Delta R.T. 0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 188     | 100  |       |       |       |
| 94      | 9.0  | 7.2   | 10.8  |       |
| 80      | 10.5 | 7.7   | 11.5  |       |





#65

4,6-Dinitro-2-methylphenol

Concen: 37.464 ng

RT: 15.86 min Scan# 2139

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA\_G

ClientSampleId :

PB114087BS

Tot Ion:198 Resp: 71013

Ion Ratio Lower Upper

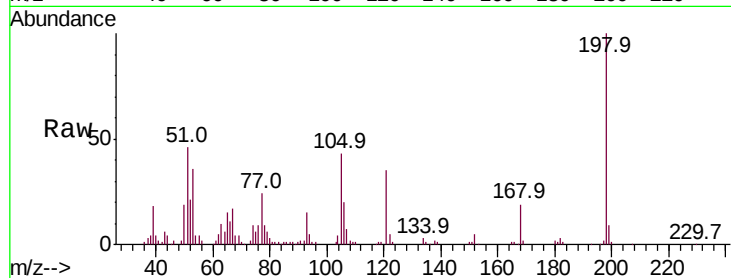
198 100

51 45.9 22.7 62.7

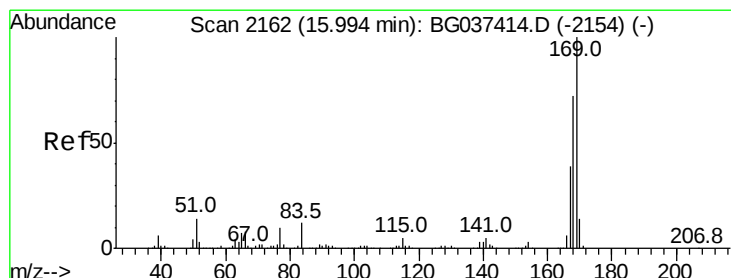
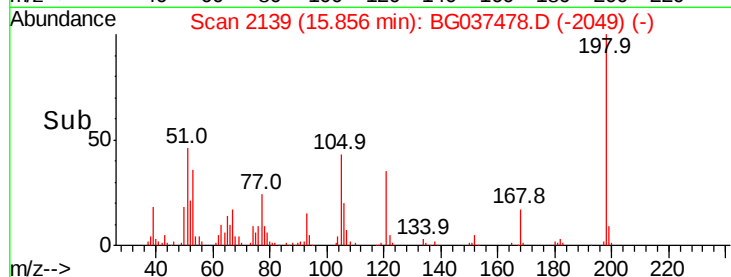
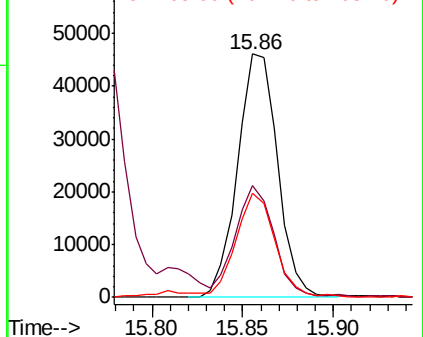
105 42.6 19.7 59.7

Manual Integrations  
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Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.449 ng

RT: 15.99 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

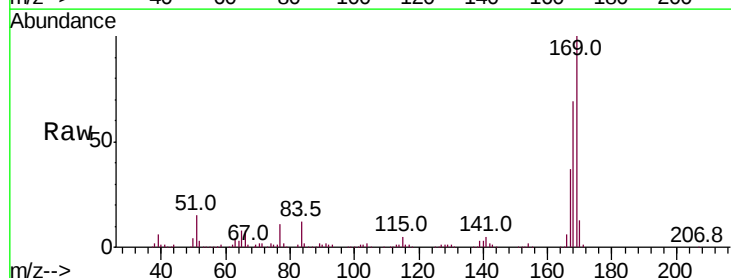
Tgt Ion:169 Resp: 456277

Ion Ratio Lower Upper

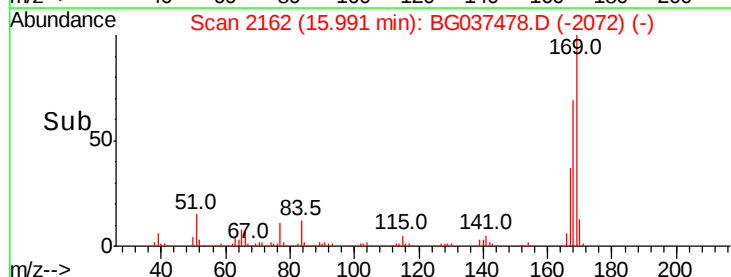
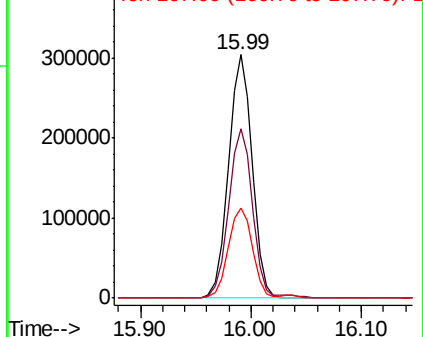
169 100

168 69.5 55.7 83.5

167 37.0 31.3 46.9



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





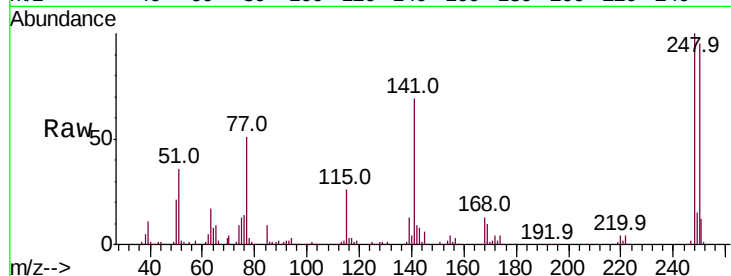
#67  
 4-Bromophenyl-phenylether  
 Concen: 38.066 ng  
 RT: 16.67 min Scan# 2278  
 Delta R.T. 0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114087BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.1  | 77.0  | 115.6 |
| 141     | 68.7  | 55.5  | 83.3  |

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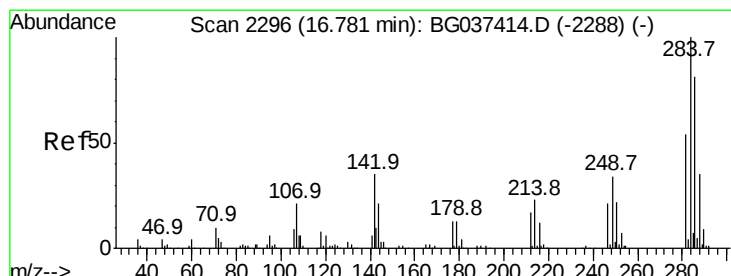
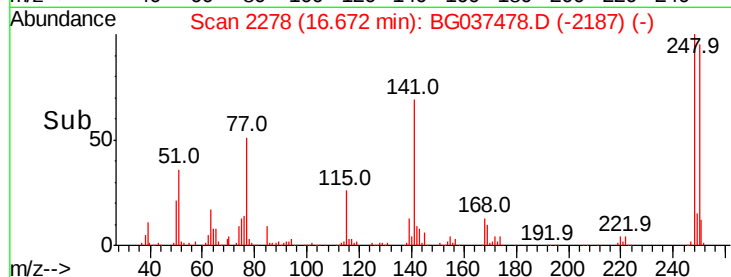
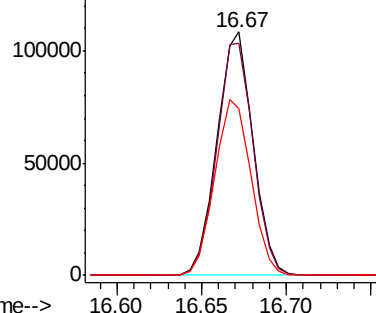


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 37.089 ng  
 RT: 16.78 min Scan# 2296  
 Delta R.T. -0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

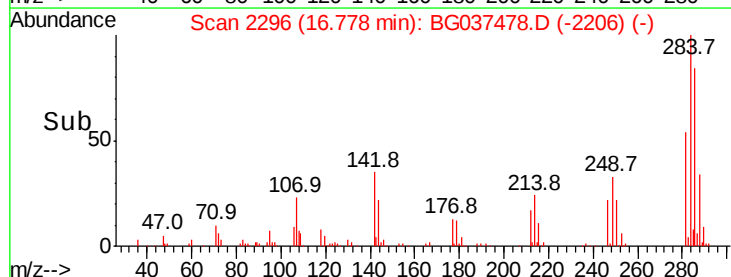
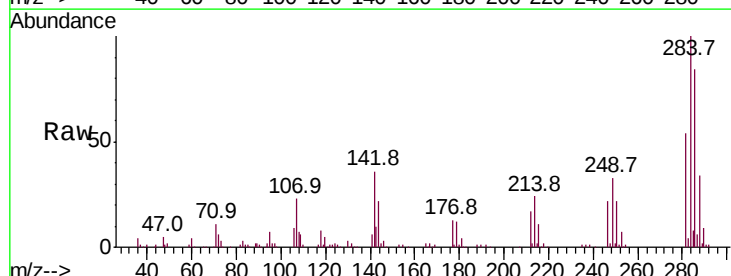
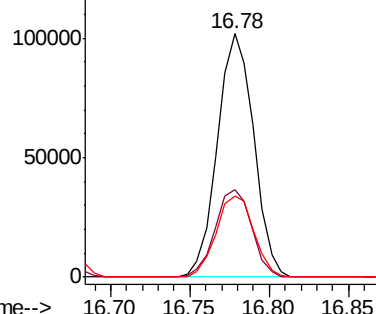
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 36.0  | 28.1  | 42.1  |
| 249     | 35.7  | 29.8  | 44.8  |

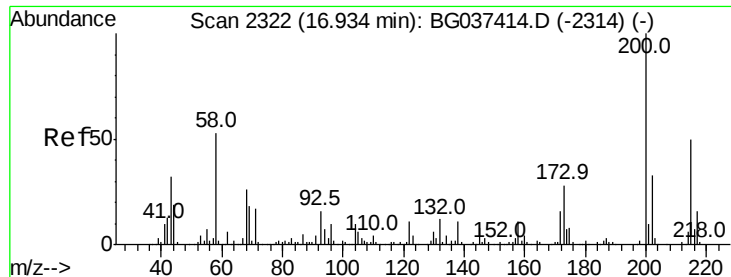
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





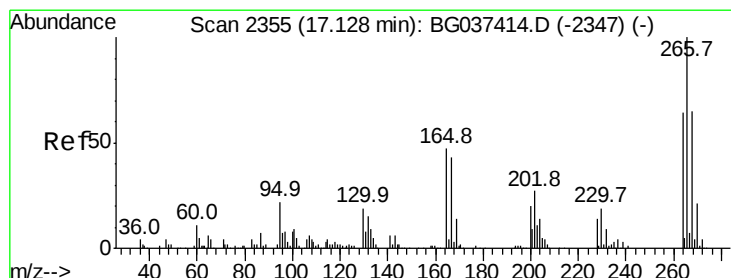
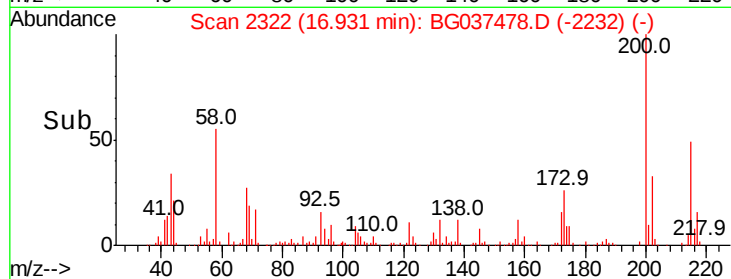
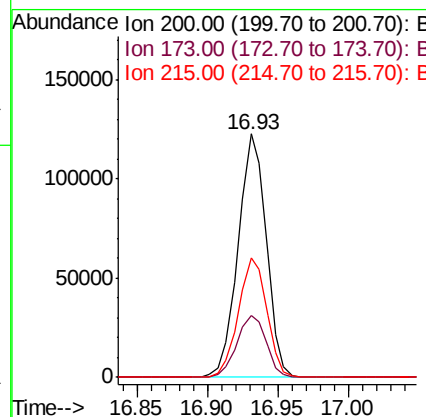
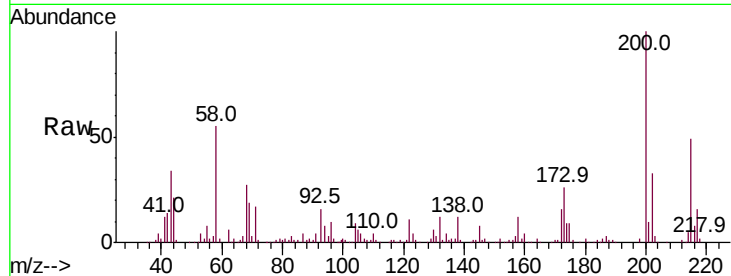
#69  
Atrazine  
Concen: 40.716 ng  
RT: 16.93 min Scan# 2322  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 25.6  | 6.1        | 46.1  |
| 215     | 49.0  | 30.8       | 70.8  |

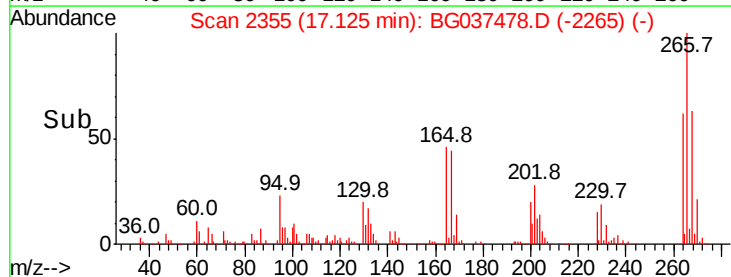
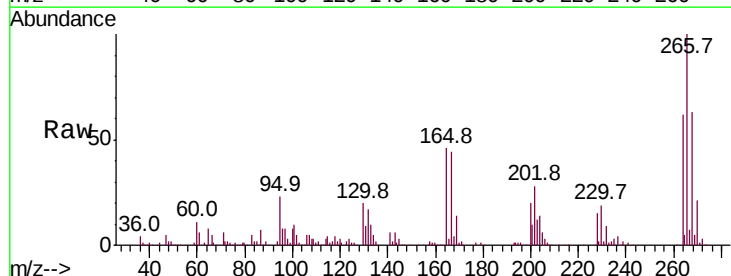
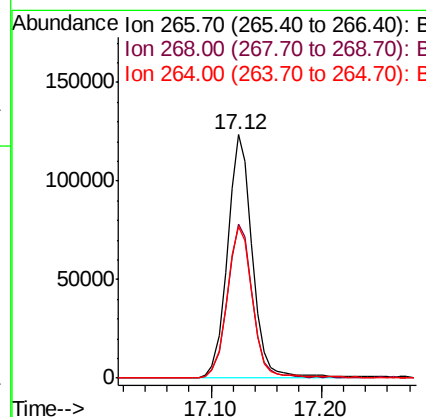
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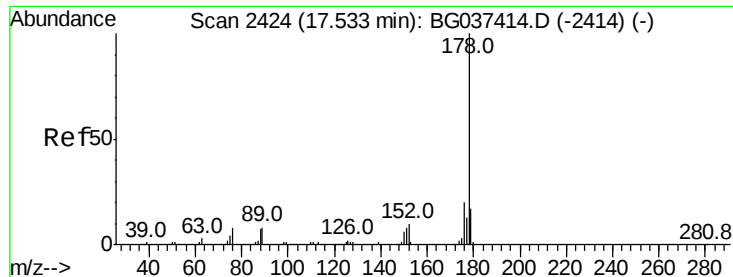
Sohil  
10/24/2018 10:56:02 AM



#70  
Pentachlorophenol  
Concen: 66.186 ng  
RT: 17.12 min Scan# 2355  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 68.5  | 55.0       | 82.6  |
| 264     | 67.6  | 58.9       | 88.3  |





#71

Phenanthrene

Concen: 42.319 ng

RT: 17.53 min Scan# 2424

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA\_G

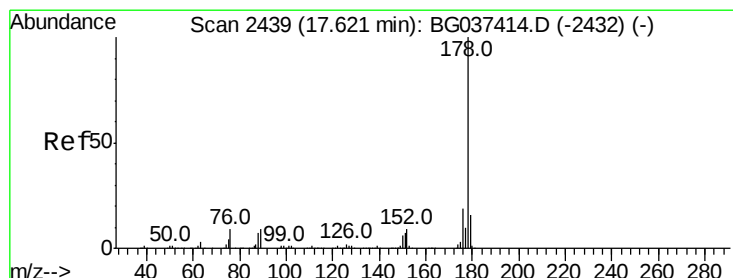
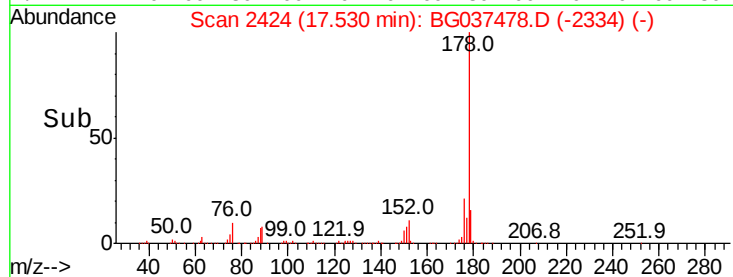
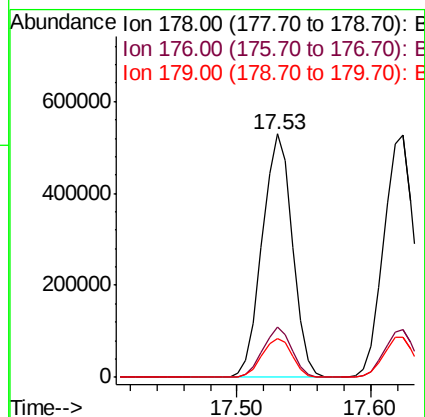
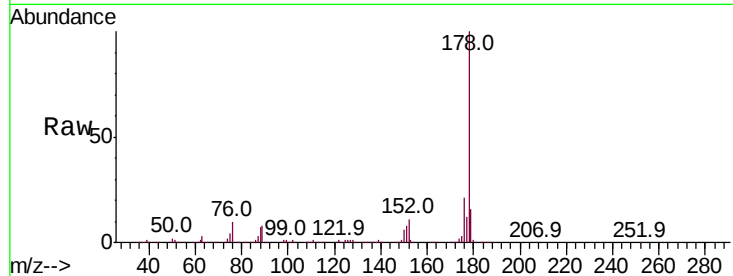
ClientSampleId :

PB114087BS

|             |       |        |
|-------------|-------|--------|
| Tot Ion:178 | Resp: | 826997 |
| Ion Ratio   | Lower | Upper  |
| 178 100     |       |        |
| 176 20.5    | 16.1  | 24.1   |
| 179 16.2    | 13.0  | 19.4   |

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#72

Anthracene

Concen: 43.910 ng

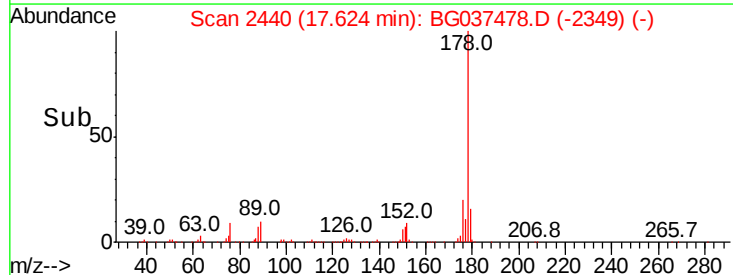
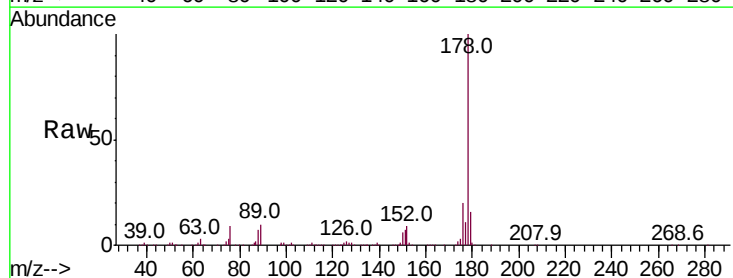
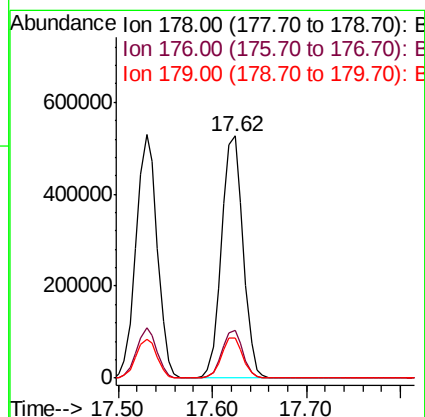
RT: 17.62 min Scan# 2440

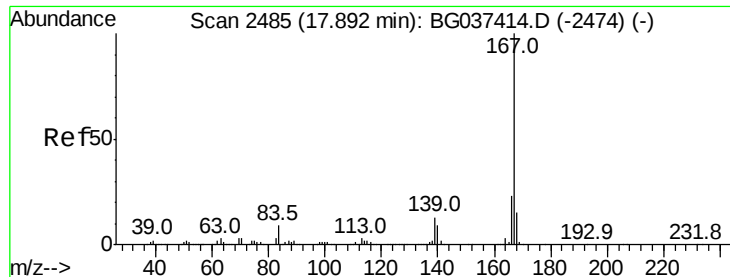
Delta R.T. 0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:178 | Resp: | 842099 |
| Ion Ratio   | Lower | Upper  |
| 178 100     |       |        |
| 176 19.7    | 15.0  | 22.4   |
| 179 16.5    | 12.8  | 19.2   |





#73

Carbazole

Concen: 40.350 ng

RT: 17.89 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA\_G

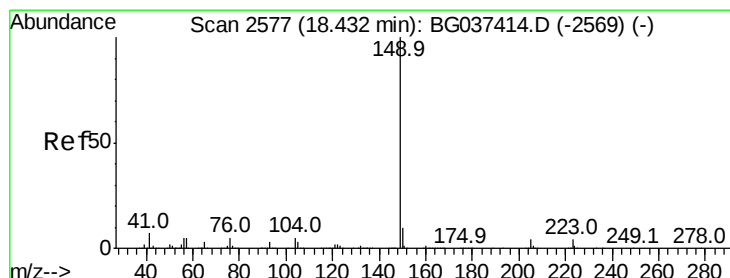
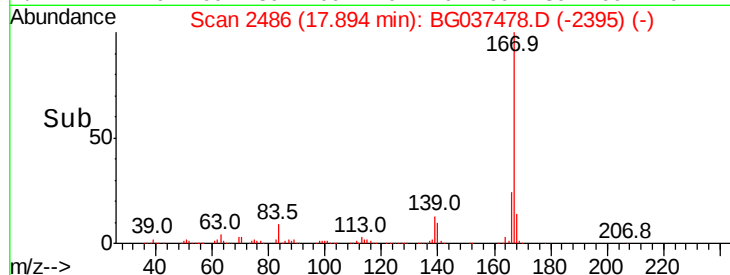
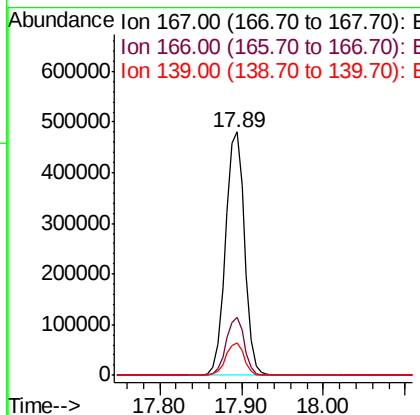
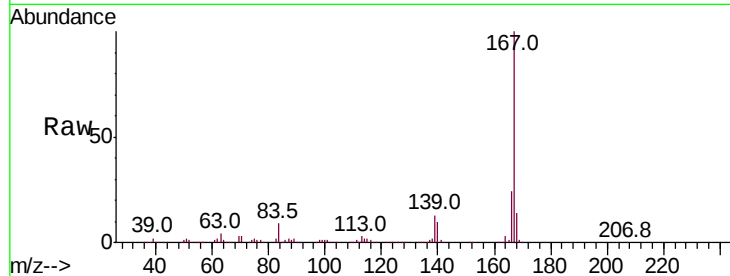
ClientSampleId :

PB114087BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 167   | Resp: | 774050 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 23.6  | 18.3  | 27.5   |
| 139       | 13.2  | 10.5  | 15.7   |

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#74

Di-n-butylphthalate

Concen: 42.806 ng

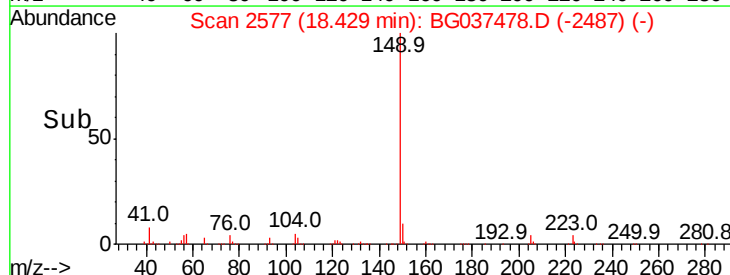
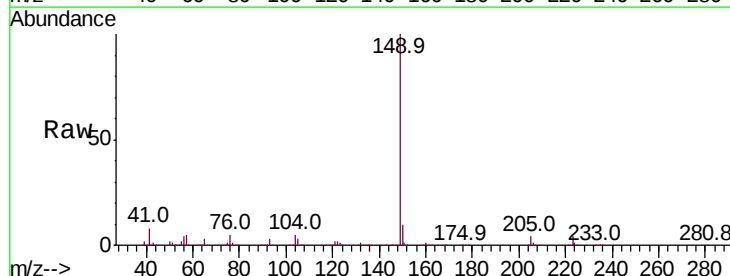
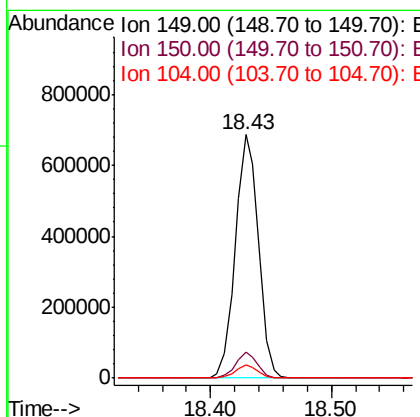
RT: 18.43 min Scan# 2577

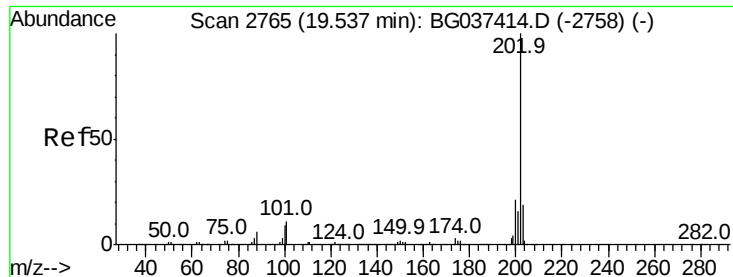
Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 913488 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 10.4  | 8.2   | 12.2   |
| 104       | 5.3   | 4.0   | 6.0    |





#75

Fluoranthene

Concen: 44.216 ng

RT: 19.53 min Scan# 2765

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA\_G

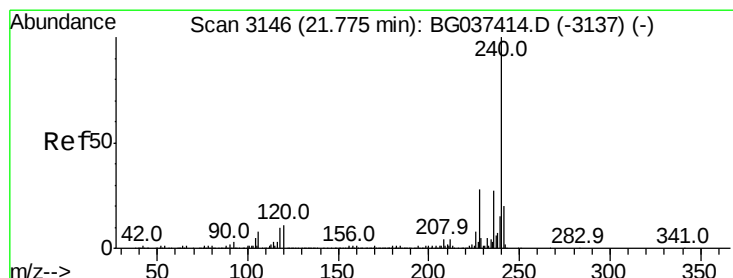
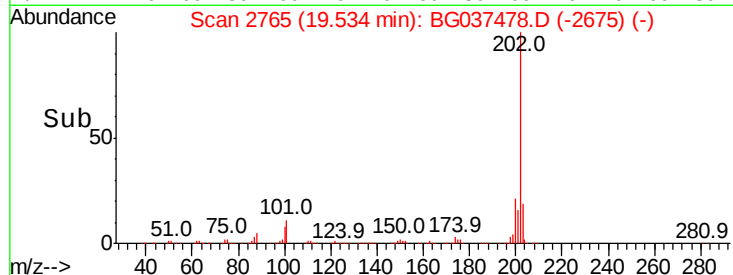
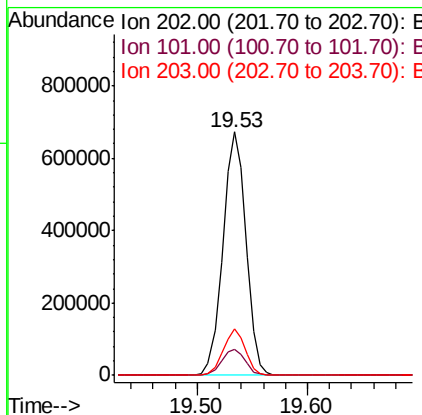
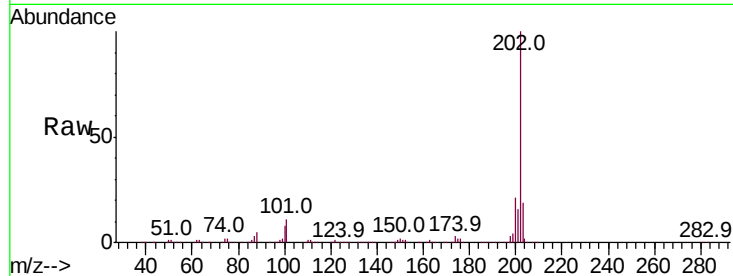
ClientSampleId :

PB114087BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 10.9  | 0.0        | 30.7  |
| 203     | 19.0  | 0.0        | 38.5  |

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#76

Chrysene-d12

Concen: 20.000 ng

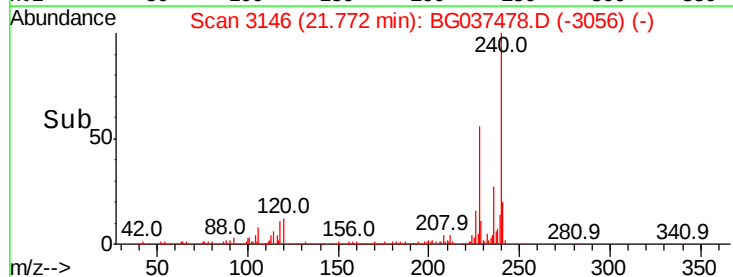
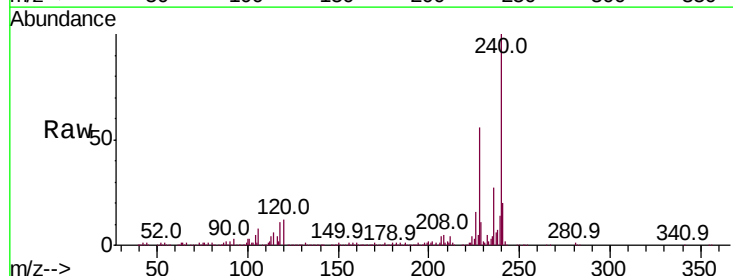
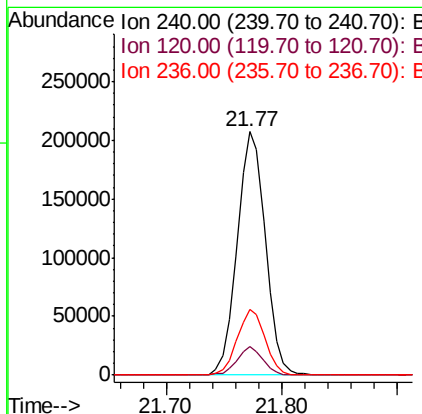
RT: 21.77 min Scan# 3146

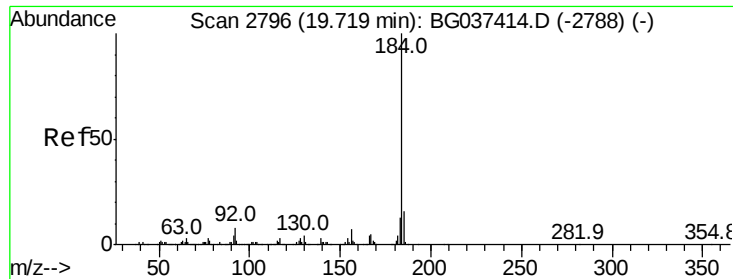
Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 11.6  | 8.1        | 12.1  |
| 236     | 26.8  | 21.4       | 32.0  |





#77

Benzidine

Concen: 40.877 ng

RT: 19.72 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA\_G

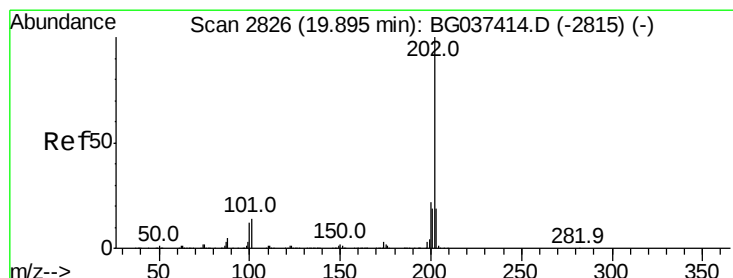
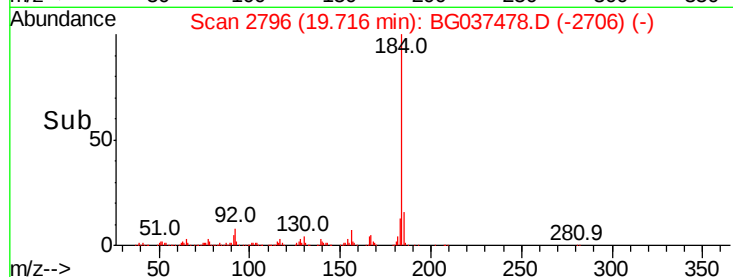
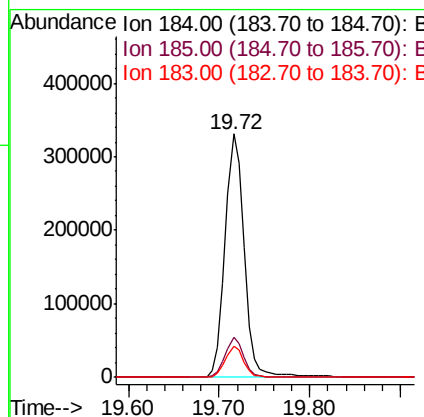
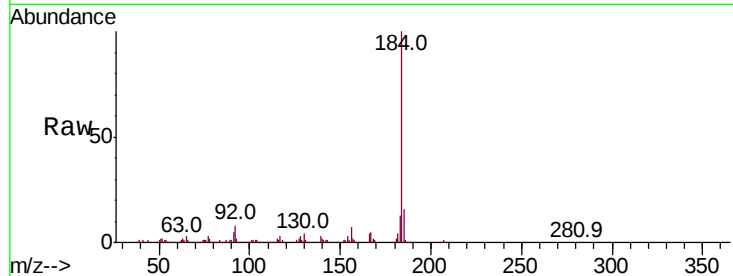
ClientSampleId :

PB114087BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 486104 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 16.3  | 12.6  | 18.8   |
| 183       | 12.8  | 10.2  | 15.2   |

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#78

Pyrene

Concen: 42.285 ng

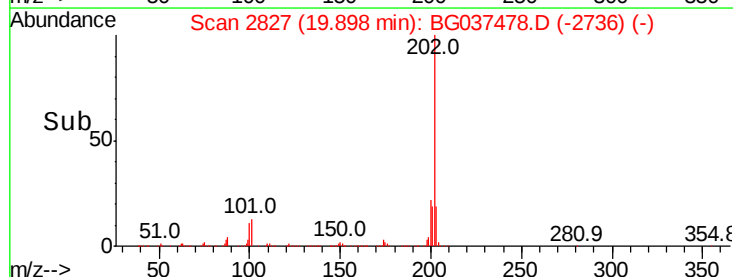
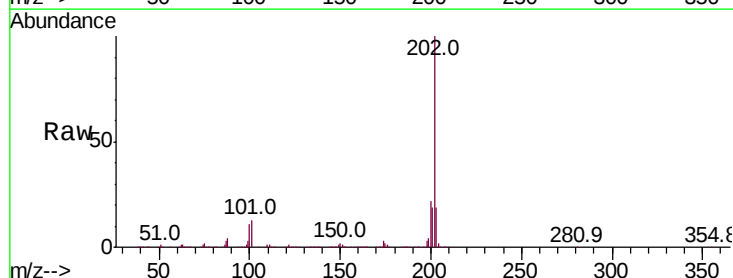
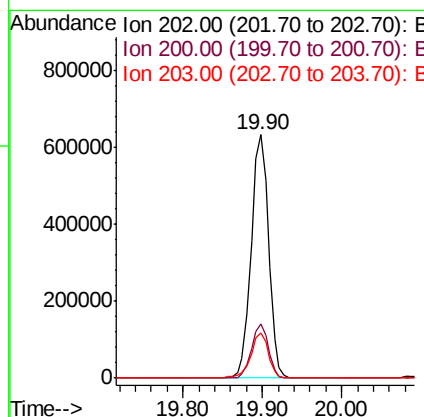
RT: 19.90 min Scan# 2827

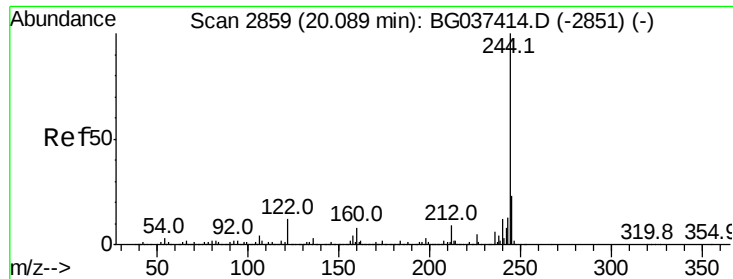
Delta R.T. 0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 966735 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 22.1  | 17.8  | 26.6   |
| 203       | 18.7  | 15.2  | 22.8   |





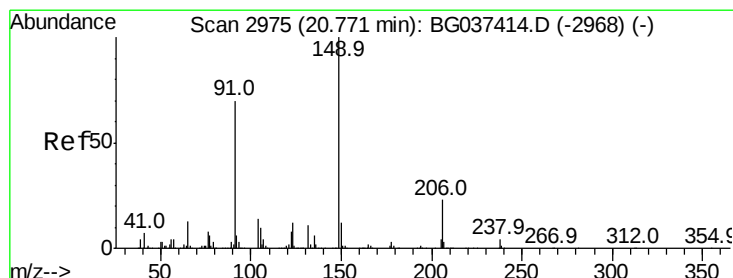
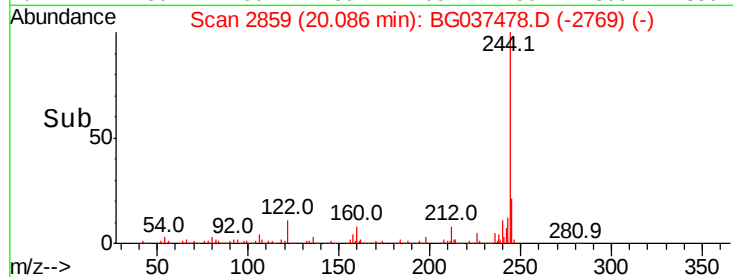
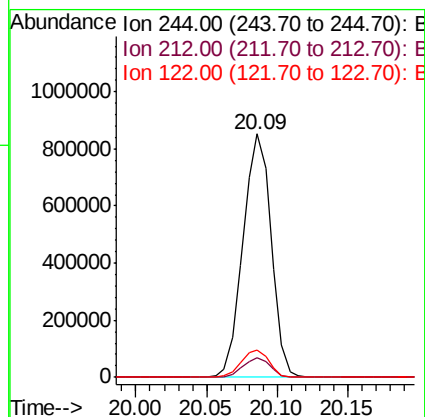
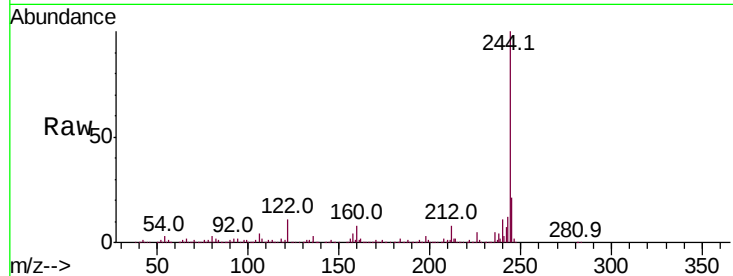
#79  
 Terphenyl-d14  
 Concen: 72.758 ng  
 RT: 20.09 min Scan# 2859  
 Delta R.T. -0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB114087BS

|          |       |       |         |
|----------|-------|-------|---------|
| Tot Ion: | 244   | Resp: | 1190860 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 8.2   | 6.5   | 9.7     |
| 122      | 11.3  | 9.0   | 13.4    |

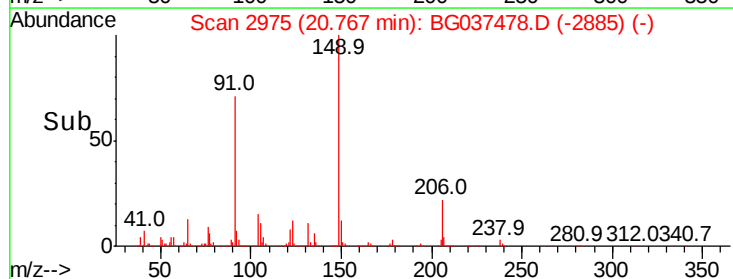
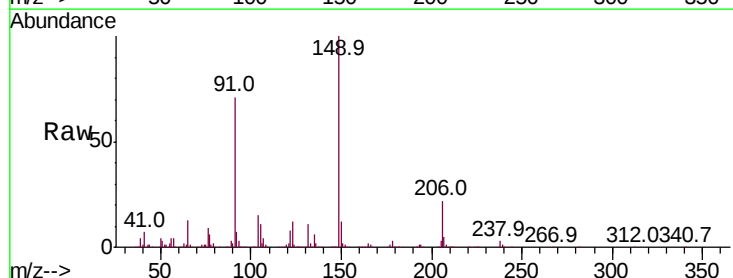
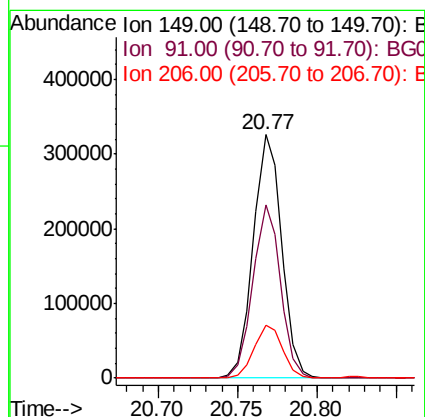
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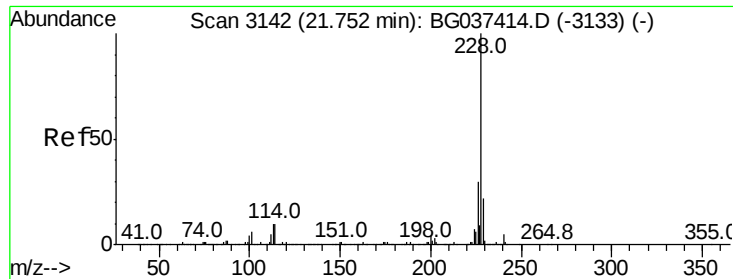
Sohil  
 10/24/2018 10:56:02 AM



#80  
 Butylbenzylphthalate  
 Concen: 43.545 ng  
 RT: 20.77 min Scan# 2975  
 Delta R.T. -0.00 min  
 Lab File: BG037478.D  
 Acq: 23 Oct 2018 16:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 407443 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 91       | 71.1  | 57.0  | 85.4   |
| 206      | 22.0  | 17.8  | 26.6   |





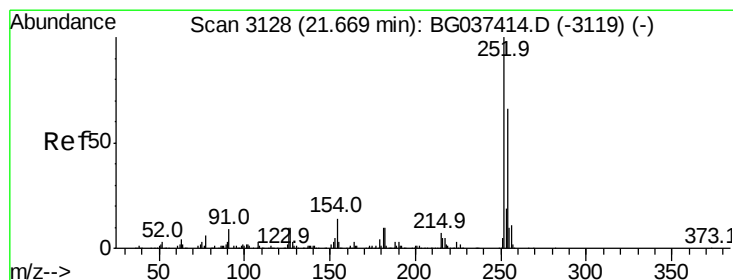
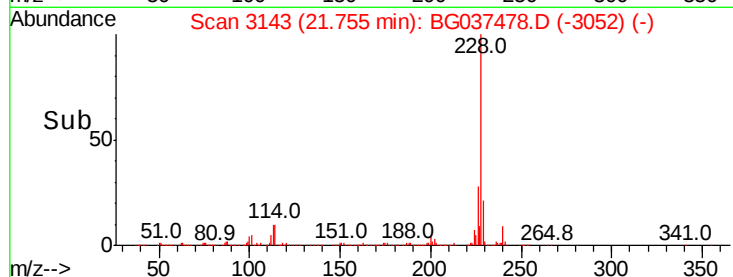
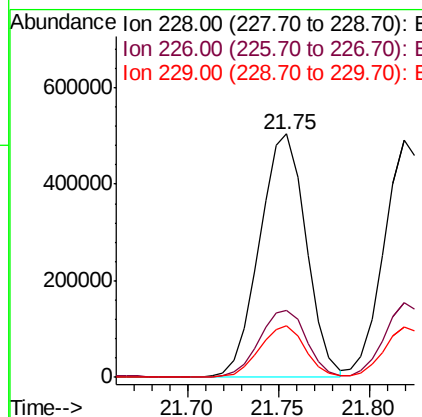
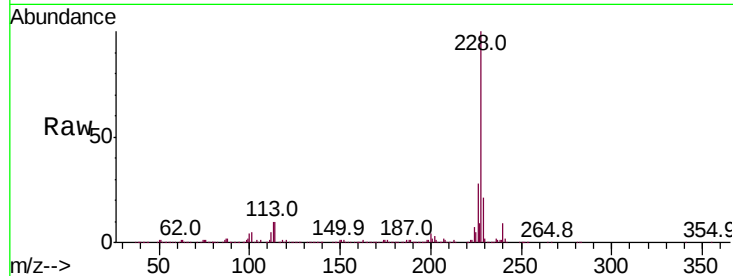
#81  
Benzo(a)anthracene  
Concen: 43.588 ng  
RT: 21.75 min Scan# 3143  
Delta R.T. 0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 27.8  | 22.6  | 33.8  |
| 229     | 21.2  | 16.3  | 24.5  |

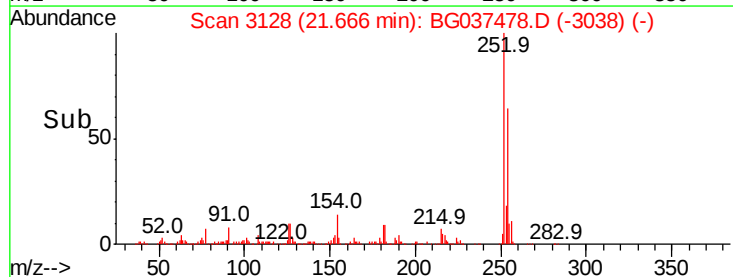
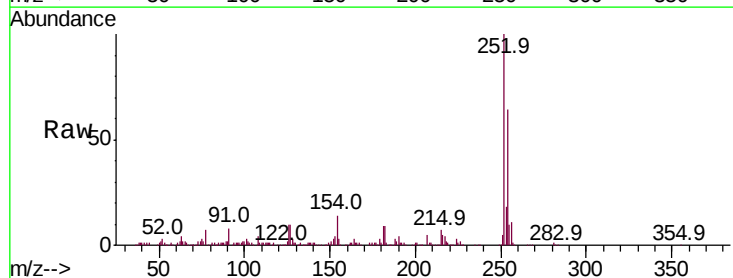
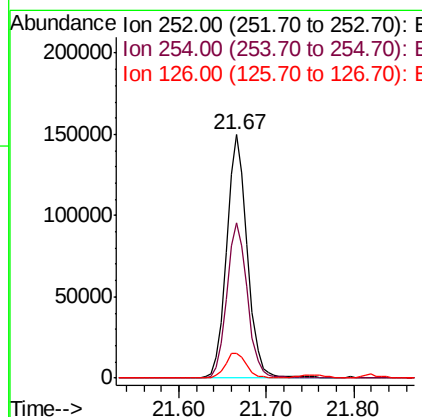
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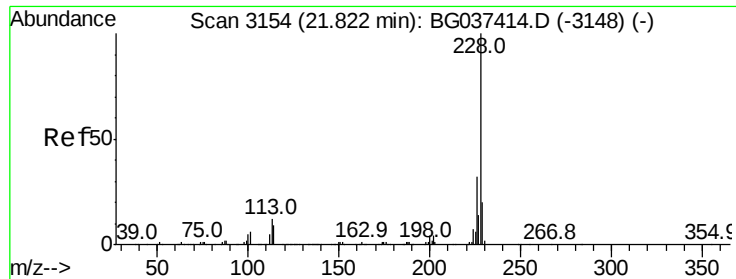
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#82  
3,3'-Dichlorobenzidine  
Concen: 30.397 ng  
RT: 21.67 min Scan# 3128  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.6  | 52.0  | 78.0  |
| 126     | 10.1  | 8.2   | 12.4  |





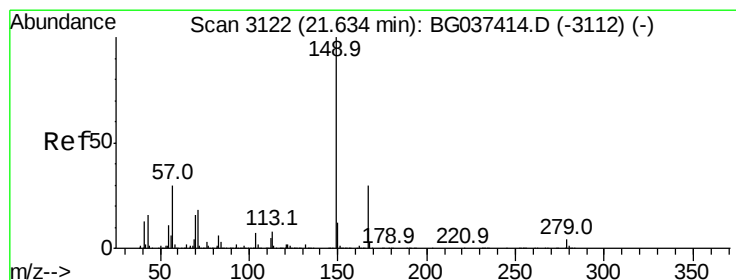
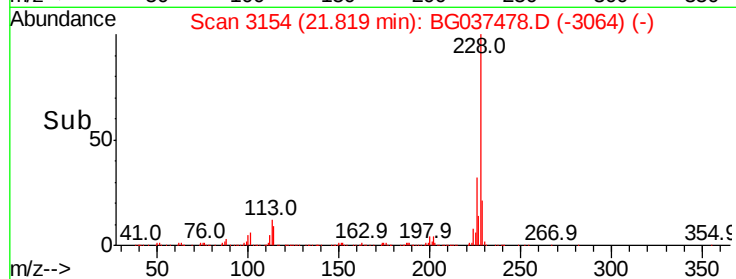
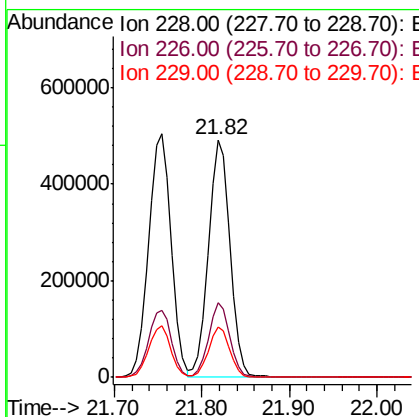
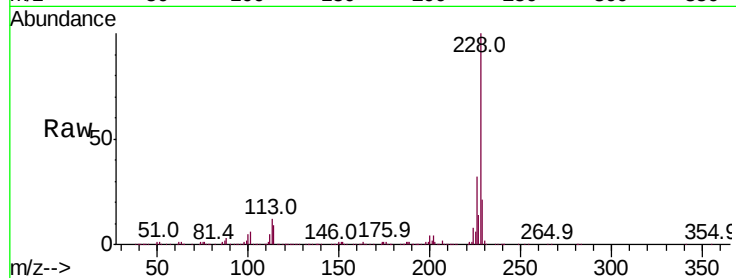
#83  
Chrysene  
Concen: 42.456 ng  
RT: 21.82 min Scan# 3154  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 844504 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 31.6  | 25.7  | 38.5   |
| 229       | 21.0  | 16.5  | 24.7   |

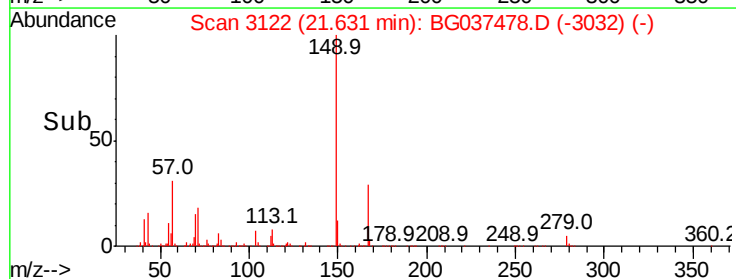
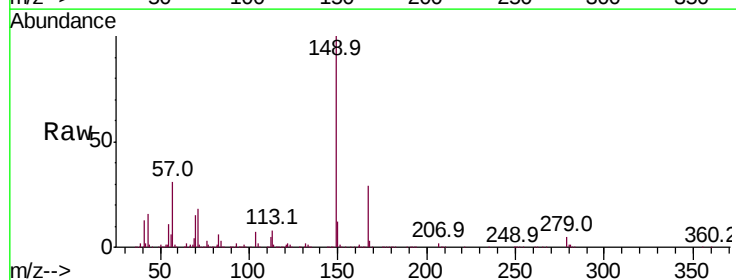
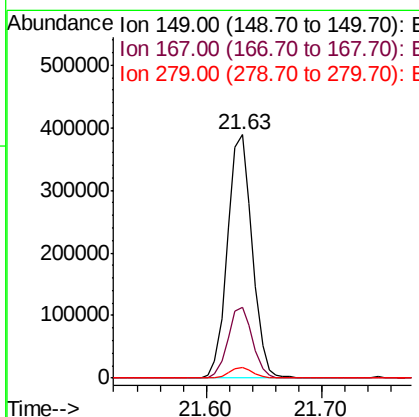
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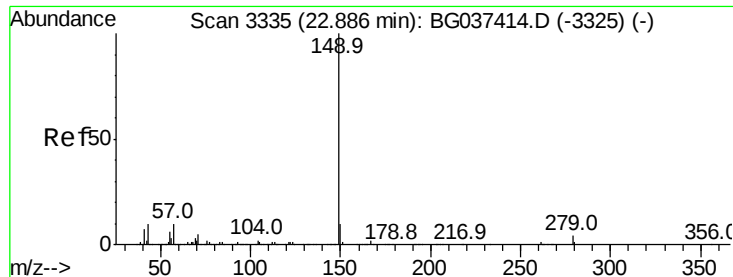
Sohil  
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#84  
Bis(2-ethylhexyl)phthalate  
Concen: 43.731 ng  
RT: 21.63 min Scan# 3122  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 573556 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 28.9  | 23.0  | 34.4   |
| 279       | 4.5   | 3.6   | 5.4    |





#85

Di-n-octyl phthalate

Concen: 44.764 ng

RT: 22.88 min Scan# 3334

Delta R.T. -0.01 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA\_G

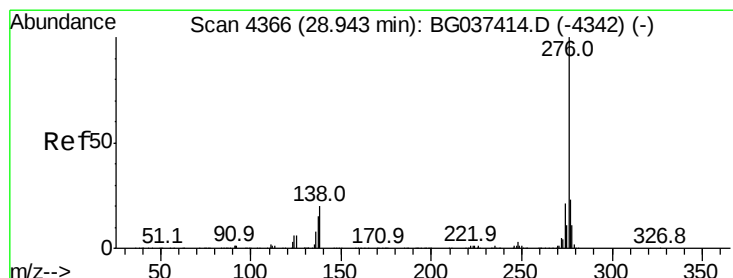
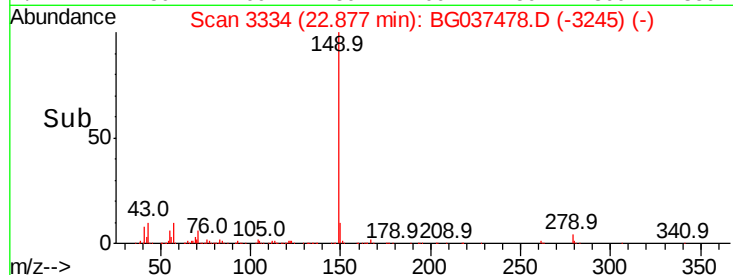
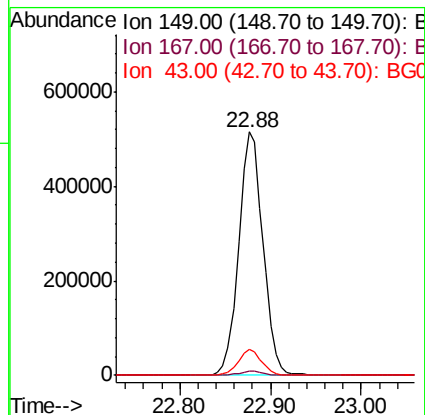
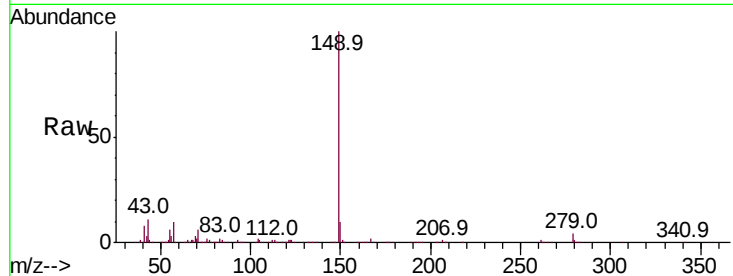
ClientSampleId :

PB114087BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 957377 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.7   | 1.3   | 1.9    |
| 43        | 10.3  | 8.7   | 13.1   |

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#86

Indeno(1,2,3-cd)pyrene

Concen: 43.885 ng

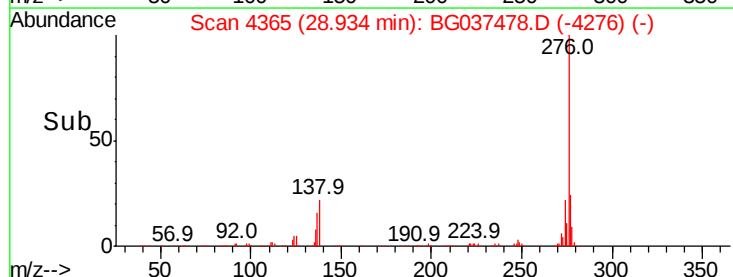
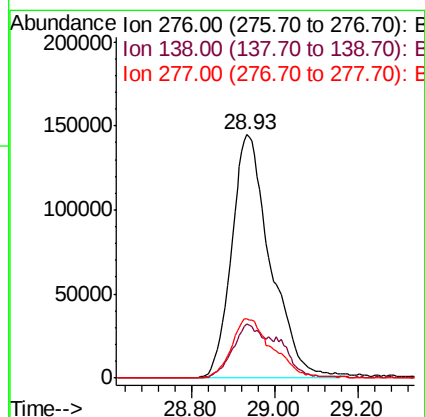
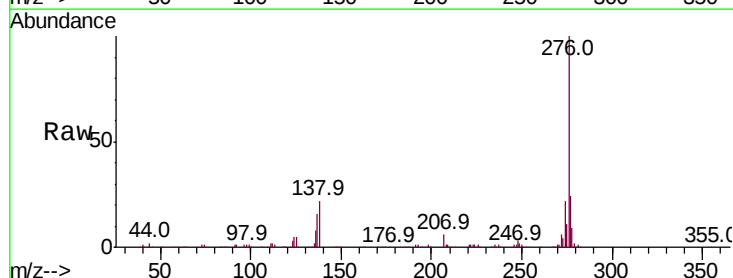
RT: 28.93 min Scan# 4365

Delta R.T. -0.01 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 936274 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 138       | 19.6  | 12.0  | 18.0#  |
| 277       | 25.6  | 20.6  | 30.8   |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.11 min Scan# 3714

Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

Instrument :

BNA\_G

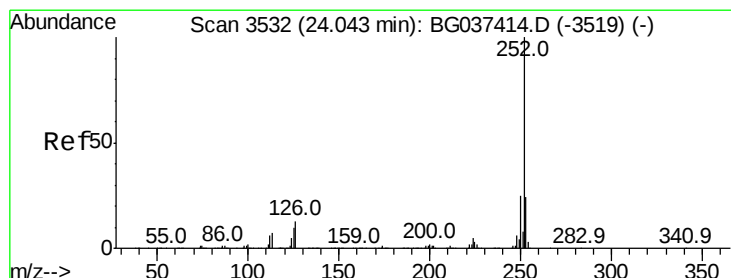
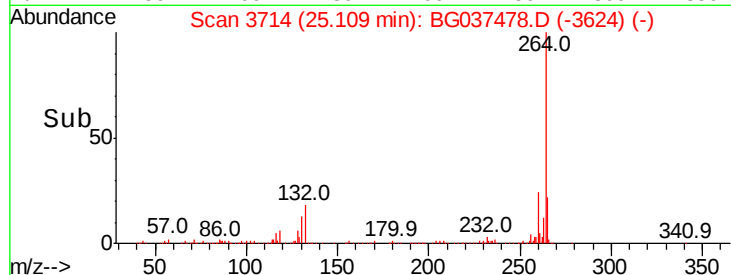
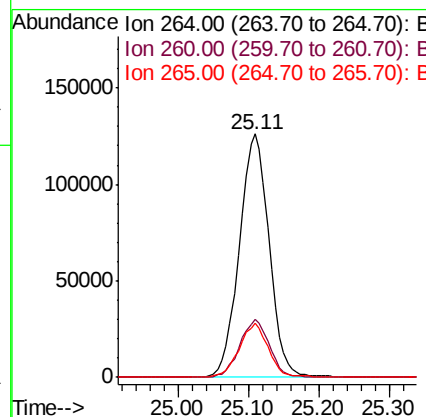
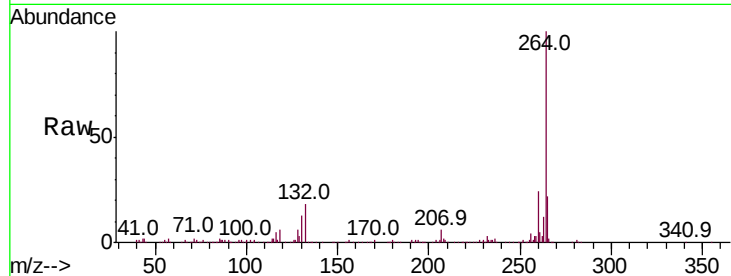
ClientSampleId :

PB114087BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 264  | Resp: | 370265 |
| Ion Ratio |      | Lower | Upper  |
| 264       | 100  |       |        |
| 260       | 23.7 | 18.2  | 27.4   |
| 265       | 22.1 | 17.9  | 26.9   |

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#88

Benzo(b)fluoranthene

Concen: 43.328 ng

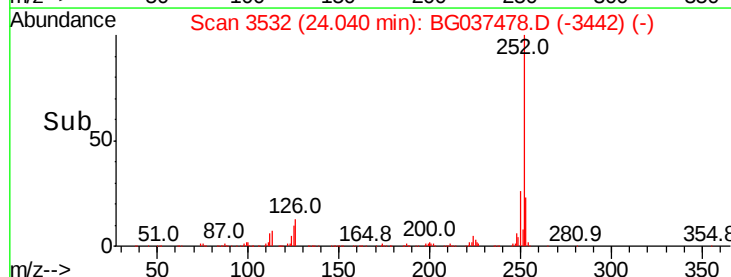
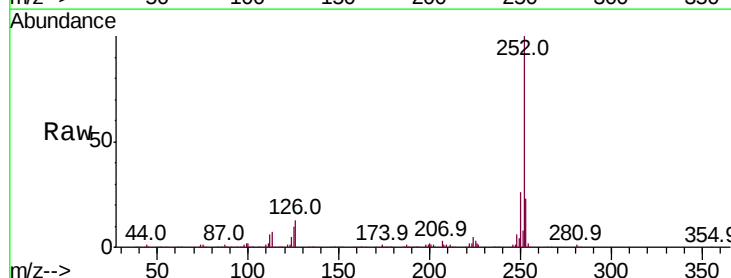
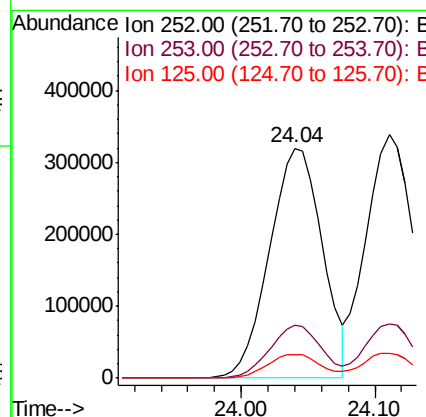
RT: 24.04 min Scan# 3532

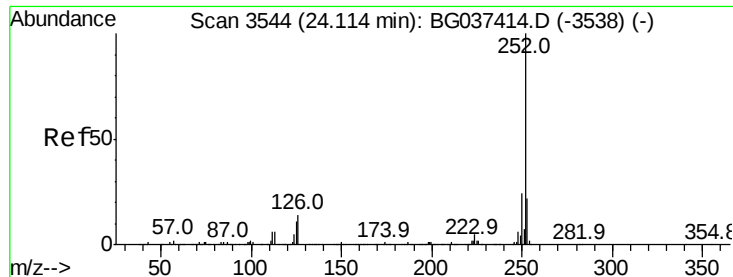
Delta R.T. -0.00 min

Lab File: BG037478.D

Acq: 23 Oct 2018 16:12

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 252  | Resp: | 879528 |
| Ion Ratio |      | Lower | Upper  |
| 252       | 100  |       |        |
| 253       | 22.8 | 18.2  | 27.2   |
| 125       | 10.2 | 7.8   | 11.6   |





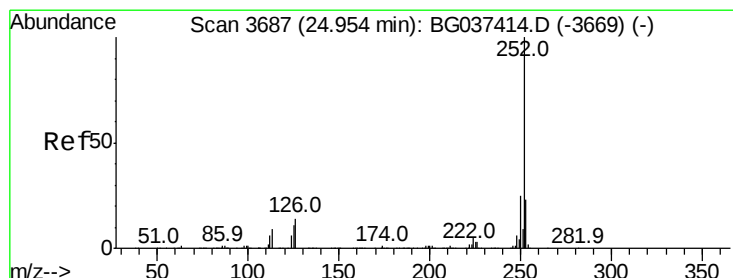
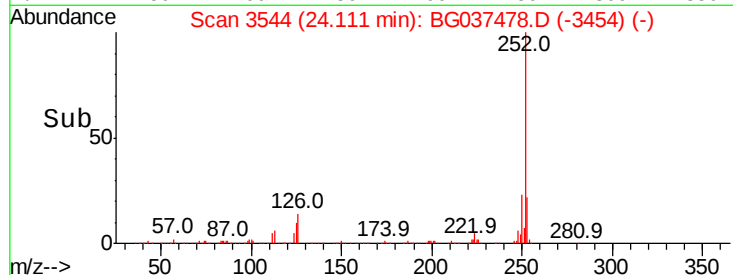
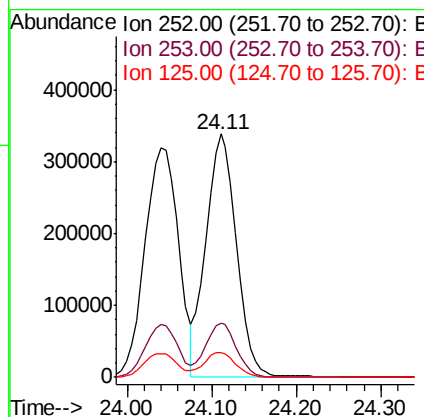
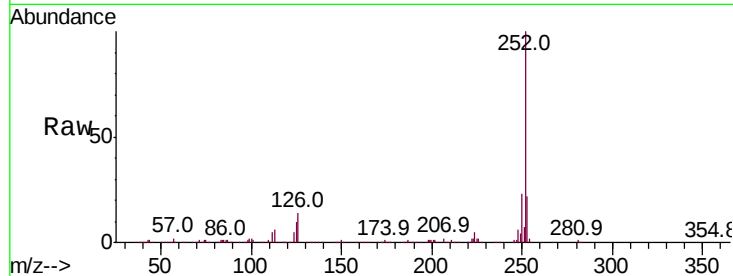
#89  
Benzo(k)fluoranthene  
Concen: 42.677 ng  
RT: 24.11 min Scan# 3544  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

|             |       |        |
|-------------|-------|--------|
| Tot Ion:252 | Resp: | 848764 |
| Ion Ratio   | Lower | Upper  |
| 252 100     |       |        |
| 253 22.4    | 17.4  | 26.2   |
| 125 10.1    | 7.4   | 11.0   |

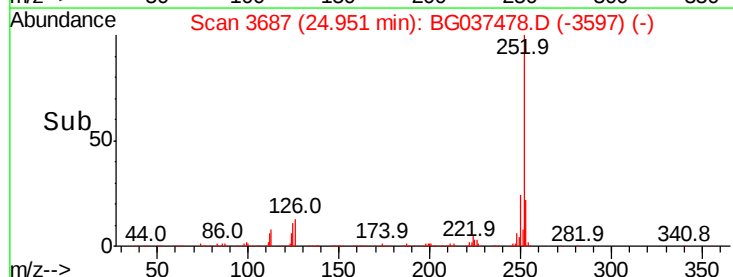
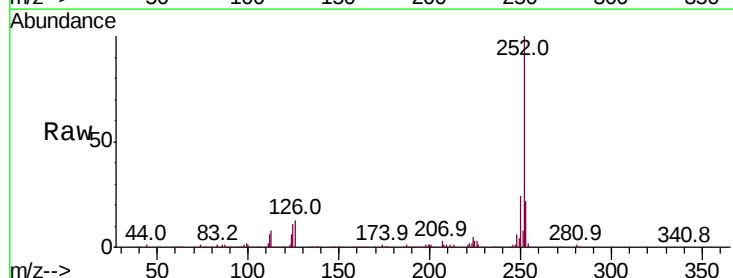
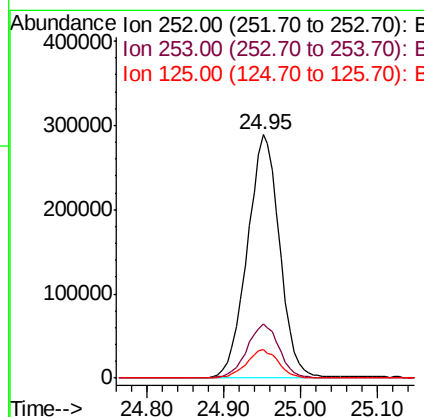
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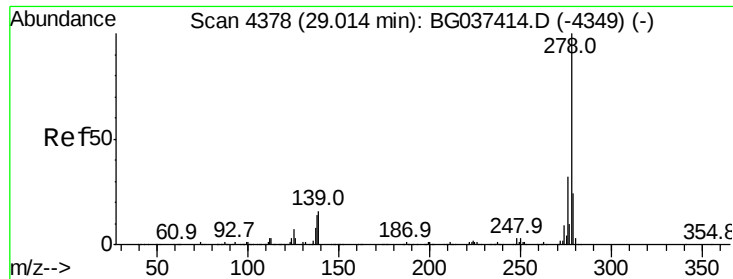
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#90  
Benzo(a)pyrene  
Concen: 44.074 ng  
RT: 24.95 min Scan# 3687  
Delta R.T. -0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

|             |       |        |
|-------------|-------|--------|
| Tgt Ion:252 | Resp: | 850149 |
| Ion Ratio   | Lower | Upper  |
| 252 100     |       |        |
| 253 22.3    | 17.4  | 26.2   |
| 125 11.5    | 9.0   | 13.6   |





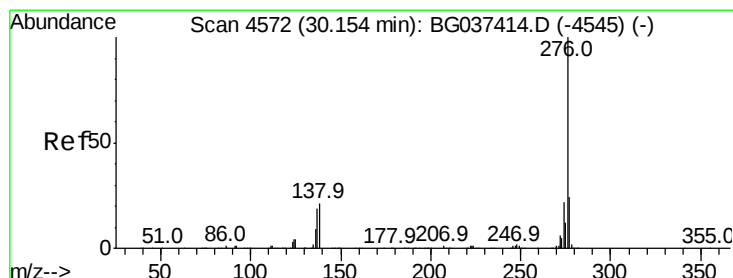
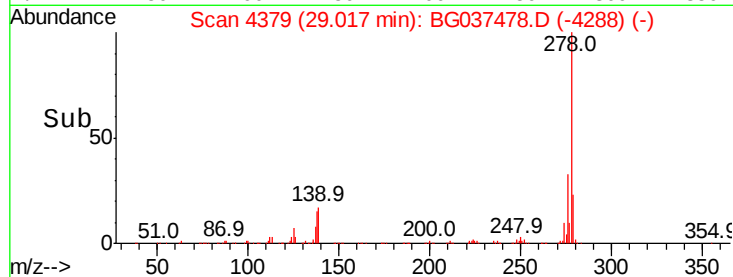
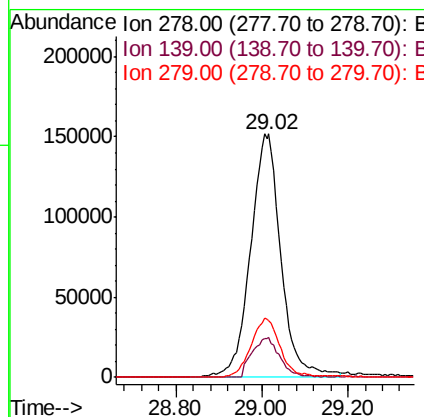
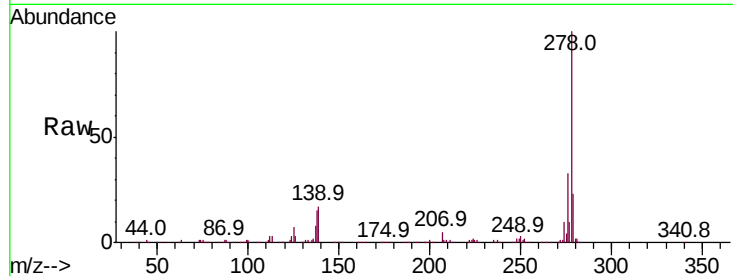
#91  
Dibenzo(a,h)anthracene  
Concen: 42.810 ng  
RT: 29.02 min Scan# 4379  
Delta R.T. 0.00 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

Instrument :  
BNA\_G  
ClientSampleId :  
PB114087BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 278   | Resp: | 761705 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 16.5  | 11.5  | 17.3   |
| 279       | 23.4  | 18.6  | 27.8   |

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#92  
Benzo(g,h,i)perylene  
Concen: 43.398 ng  
RT: 30.14 min Scan# 4571  
Delta R.T. -0.01 min  
Lab File: BG037478.D  
Acq: 23 Oct 2018 16:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 276   | Resp: | 781205 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 24.7  | 18.9  | 28.3   |
| 138       | 22.4  | 17.2  | 25.8   |

