

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\  
 Data File : BG029026.D  
 Acq On : 4 Oct 2017 5:12  
 Operator : SJ/JU  
 Sample : I5584-04MS  
 Misc :  
 ALS Vial : 23 Sample Multiplier: 2

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-COMPMS

Manual Integrations  
 APPROVED

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 10/4/2017 4:58:13 PM

Quant Time: Oct 04 07:43:46 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 16:57:11 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.24  | 152  | 77433    | 40.00 | ng    | -0.09    |
| 21) Naphthalene-d8        | 11.06 | 136  | 309143   | 40.00 | ng    | -0.09    |
| 38) Acenaphthene-d10      | 14.86 | 164  | 217730   | 40.00 | ng    | -0.08    |
| 63) Phenanthrene-d10      | 17.61 | 188  | 589514   | 40.00 | ng    | -0.08    |
| 75) Chrysene-d12          | 21.93 | 240  | 678426   | 40.00 | ng    | -0.10    |
| 86) Perylene-d12          | 25.35 | 264  | 667747   | 40.00 | ng    | -0.17    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.81  | 112 | 337421  | 143.80 | ng | -0.09 |
| 7) Phenol-d6             | 7.40  | 99  | 440282  | 124.63 | ng | -0.09 |
| 23) Nitrobenzene-d5      | 9.41  | 82  | 314621  | 97.37  | ng | -0.09 |
| 41) 2,4,6-Tribromophenol | 16.36 | 330 | 287083  | 159.44 | ng | -0.08 |
| 44) 2-Fluorobiphenyl     | 13.48 | 172 | 751146  | 92.00  | ng | -0.08 |
| 78) Terphenyl-d14        | 20.21 | 244 | 1536327 | 96.59  | ng | -0.08 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.73  | 88  | 35001   | 36.836 | ng | # 90   |
| 3) Pyridine                    | 4.13  | 79  | 81523   | 30.077 | ng | # 93   |
| 4) n-Nitrosodimethylamine      | 4.04  | 42  | 57322   | 46.491 | ng | # 82   |
| 6) Aniline                     | 7.57  | 93  | 75556   | 18.377 | ng | 96     |
| 8) 2-Chlorophenol              | 7.81  | 128 | 111279  | 42.543 | ng | 92     |
| 9) Benzaldehyde                | 7.38  | 77  | 58479   | 26.681 | ng | 94     |
| 10) Phenol                     | 7.43  | 94  | 141179  | 37.866 | ng | 88     |
| 11) bis(2-Chloroethyl)ether    | 7.66  | 93  | 109201  | 40.796 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 8.13  | 146 | 116662m | 41.420 | ng |        |
| 13) 1,4-Dichlorobenzene        | 8.28  | 146 | 119918  | 41.405 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.60  | 146 | 115825  | 40.480 | ng | 98     |
| 15) Benzyl Alcohol             | 8.48  | 79  | 122312  | 44.351 | ng | 92     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.75  | 45  | 203851  | 41.903 | ng | 97     |
| 17) 2-Methylphenol             | 8.68  | 107 | 101434  | 41.634 | ng | 90     |
| 18) Hexachloroethane           | 9.32  | 117 | 45014   | 42.406 | ng | 87     |
| 19) n-Nitroso-di-n-propylamine | 9.04  | 70  | 98947   | 39.510 | ng | 93     |
| 20) 3+4-Methylphenols          | 9.01  | 107 | 137497  | 40.349 | ng | 94     |
| 22) Acetophenone               | 9.07  | 105 | 184234  | 40.764 | ng | # 88   |
| 24) Nitrobenzene               | 9.45  | 77  | 152700  | 42.678 | ng | 97     |
| 25) Isophorone                 | 9.97  | 82  | 274066  | 41.919 | ng | 98     |
| 26) 2-Nitrophenol              | 10.17 | 139 | 61995   | 40.712 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.22 | 122 | 112197  | 40.308 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.45 | 93  | 151650  | 42.713 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.72 | 162 | 121957  | 44.036 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.92 | 180 | 132562  | 41.958 | ng | 96     |
| 31) Naphthalene                | 11.11 | 128 | 350890  | 43.465 | ng | 99     |
| 32) Benzoic acid               | 10.38 | 122 | 55769   | 36.807 | ng | 86     |
| 33) 4-Chloroaniline            | 11.26 | 127 | 8893    | 2.630  | ng | # 74   |
| 34) Hexachlorobutadiene        | 11.38 | 225 | 93130   | 40.020 | ng | 97     |
| 35) Caprolactam                | 12.01 | 113 | 39073m  | 39.343 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.34 | 107 | 147777  | 41.000 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.70 | 142 | 264573  | 43.895 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.07 | 216 | 176826  | 39.504 | ng | 94     |
| 40) Hexachlorocyclopentadiene  | 13.04 | 237 | 142368  | 89.297 | ng | 94     |

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 ALS Vial : 23 Sample Multiplier: 2

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-COMPMS

Manual Integrations  
 APPROVED

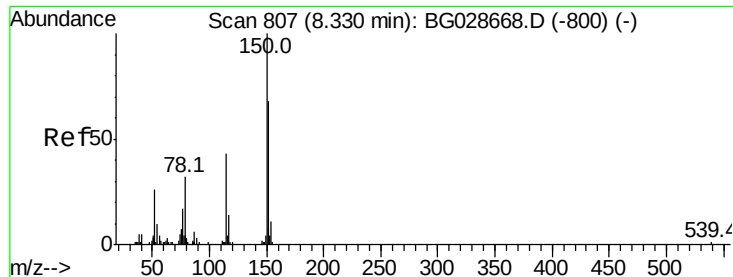
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 10/4/2017 4:58:13 PM

Quant Time: Oct 04 07:43:46 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 16:57:11 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.30 | 196  | 116527   | 41.016 | nq    | 89       |
| 43) 2,4,5-Trichlorophenol      | 13.39 | 196  | 125400   | 43.927 | nq    | # 88     |
| 45) 1,1'-Biphenyl              | 13.70 | 154  | 367875   | 40.813 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.74 | 162  | 281748   | 42.856 | nq    | 99       |
| 47) 2-Nitroaniline             | 13.95 | 65   | 113169   | 46.317 | nq    | 89       |
| 48) Acenaphthylene             | 14.59 | 152  | 466392   | 44.404 | nq    | 97       |
| 49) Dimethylphthalate          | 14.31 | 163  | 415763   | 45.543 | nq    | 97       |
| 50) 2,6-Dinitrotoluene         | 14.44 | 165  | 93549    | 46.054 | nq    | # 81     |
| 51) Acenaphthene               | 14.93 | 154  | 277167   | 43.440 | nq    | 97       |
| 52) 3-Nitroaniline             | 14.78 | 138  | 33381    | 18.583 | nq    | 96       |
| 53) 2,4-Dinitrophenol          | 14.99 | 184  | 90612    | 92.193 | nq    | 98       |
| 54) Dibenzofuran               | 15.26 | 168  | 482288   | 47.399 | nq    | 92       |
| 55) 4-Nitrophenol              | 15.09 | 139  | 125990   | 95.732 | nq    | # 74     |
| 56) 2,4-Dinitrotoluene         | 15.23 | 165  | 141373   | 49.497 | nq    | # 86     |
| 57) Fluorene                   | 15.91 | 166  | 414744   | 45.657 | nq    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.49 | 232  | 130683   | 51.941 | nq    | # 93     |
| 59) Diethylphthalate           | 15.66 | 149  | 438581   | 46.750 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.89 | 204  | 231779   | 44.809 | nq    | 91       |
| 61) 4-Nitroaniline             | 15.95 | 138  | 92394    | 48.551 | nq    | # 84     |
| 62) Azobenzene                 | 16.19 | 77   | 402435   | 51.006 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 16.00 | 198  | 75769    | 39.837 | nq    | 93       |
| 65) n-Nitrosodiphenylamine     | 16.11 | 169  | 361775   | 42.815 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.79 | 248  | 165716   | 43.693 | nq    | 96       |
| 67) Hexachlorobenzene          | 16.92 | 284  | 174518   | 40.429 | nq    | # 90     |
| 68) Atrazine                   | 17.06 | 200  | 170339   | 46.951 | nq    | 98       |
| 69) Pentachlorophenol          | 17.27 | 266  | 180094   | 92.339 | nq    | 96       |
| 70) Phenanthrene               | 17.66 | 178  | 693551   | 46.012 | nq    | 94       |
| 71) Anthracene                 | 17.75 | 178  | 711614   | 46.735 | nq    | 98       |
| 72) Carbazole                  | 18.03 | 167  | 643938   | 46.956 | nq    | 95       |
| 73) Di-n-butylphthalate        | 18.55 | 149  | 774832   | 46.080 | nq    | # 94     |
| 74) Fluoranthene               | 19.66 | 202  | 897664   | 48.774 | nq    | 93       |
| 76) Benzidine                  | 19.84 | 184  | 122562   | 13.933 | nq    | # 95     |
| 77) Pyrene                     | 20.02 | 202  | 925129   | 47.283 | nq    | 96       |
| 79) Butylbenzylphthalate       | 20.89 | 149  | 352750   | 44.640 | nq    | 90       |
| 80) Benzo(a)anthracene         | 21.90 | 228  | 945594   | 46.311 | nq    | 95       |
| 81) 3,3'-Dichlorobenzidine     | 21.81 | 252  | 177959   | 21.497 | nq    | # 96     |
| 82) Chrysene                   | 21.98 | 228  | 881480   | 45.499 | nq    | 96       |
| 83) Bis(2-ethylhexyl)phthalate | 21.77 | 149  | 484685   | 43.144 | nq    | 100      |
| 84) Di-n-octyl phthalate       | 23.04 | 149  | 806907   | 41.110 | nq    | # 89     |
| 85) Indeno(1,2,3-cd)pyrene     | 29.28 | 276  | 1070181  | 42.992 | nq    | # 79     |
| 87) Benzo(b)fluoranthene       | 24.26 | 252  | 902335   | 45.110 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 24.32 | 252  | 909868   | 45.538 | nq    | 95       |
| 89) Benzo(a)pyrene             | 25.19 | 252  | 877748   | 46.229 | nq    | 99       |
| 90) Dibenzo(a,h)anthracene     | 29.33 | 278  | 903118   | 45.624 | nq    | 100      |
| 91) Benzo(g,h,i)perylene       | 30.52 | 276  | 879660   | 45.544 | nq    | 100      |

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





#1

1,4-Dichlorobenzene-d4

Concen: 40.000 ng

RT: 8.24 min Scan# 791

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

ClientSampleId :

TP-1-COMPMS

Tot Ion:152 Resp: 77433

Ion Ratio Lower Upper

152 100

150 150.5 114.0 171.0

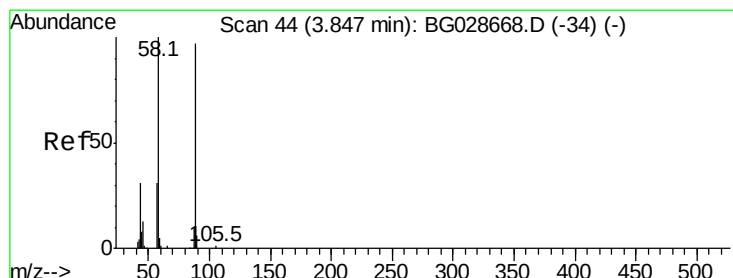
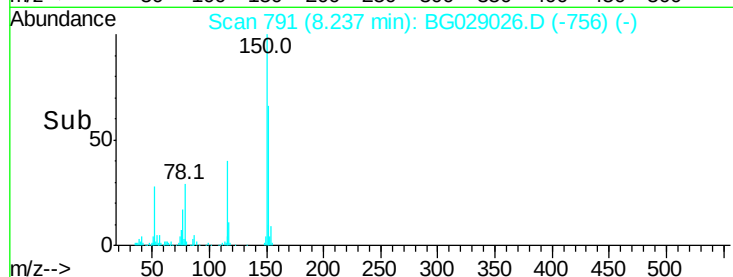
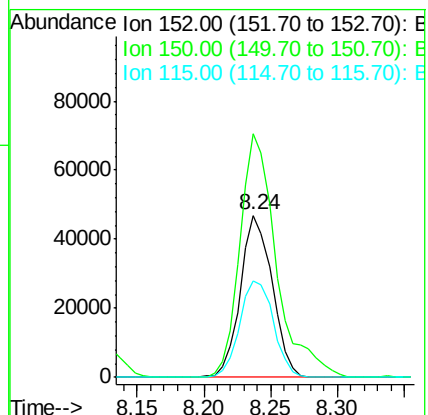
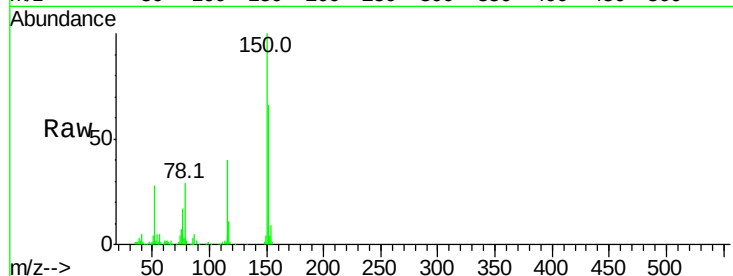
115 60.0 48.1 72.1

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#2

1,4-Dioxane

Concen: 36.836 ng

RT: 3.73 min Scan# 24

Delta R.T. -0.12 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

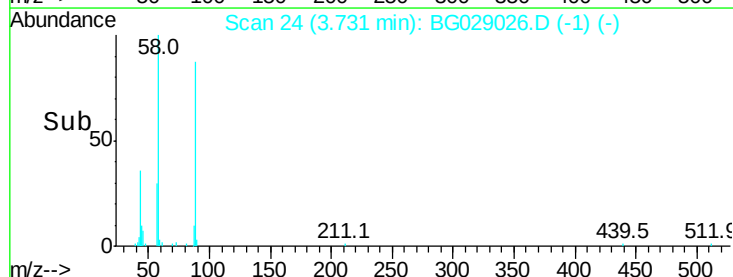
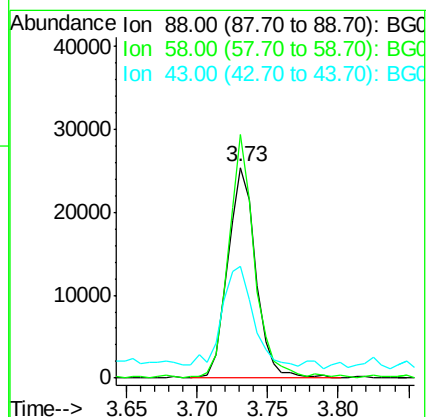
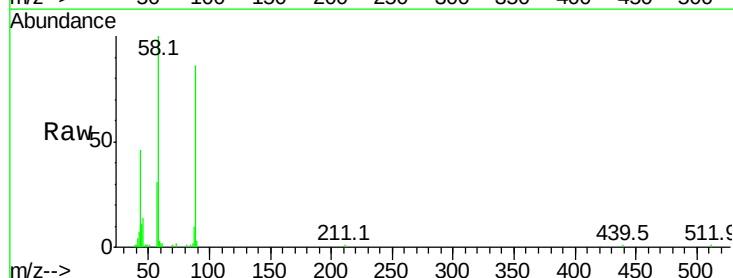
Tgt Ion: 88 Resp: 35001

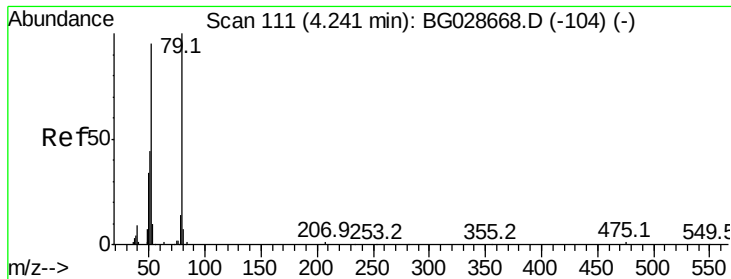
Ion Ratio Lower Upper

88 100

58 106.9 79.4 119.2

43 52.9 33.8 50.6#





#3

Pvridine

Concen: 30.077 ng

RT: 4.13 min Scan# 92

Delta R.T. -0.11 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

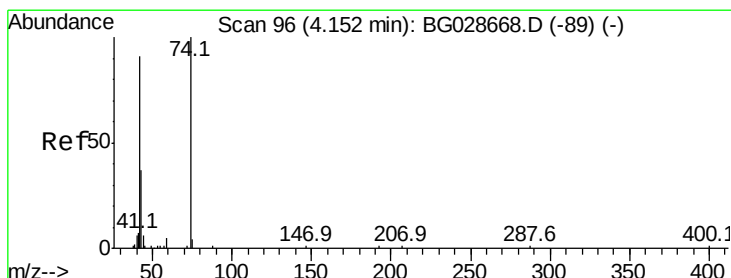
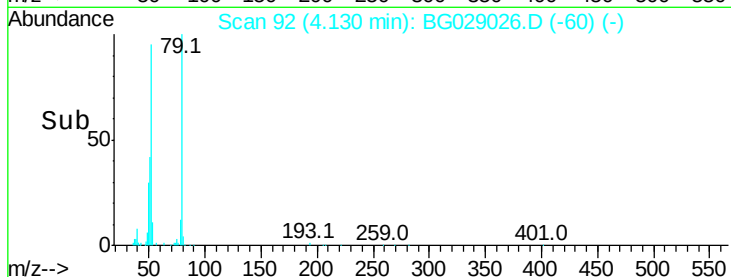
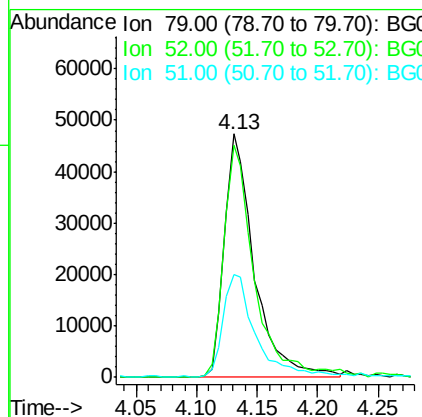
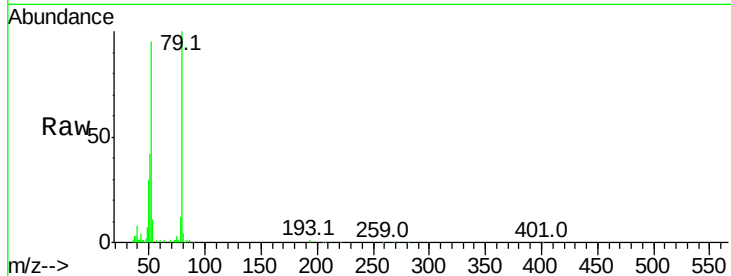
ClientSampleId :

TP-1-COMPMS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 79      | 100  |       |       |       |       |
| 52      | 95.2 | 77.8  | 116.6 |       |       |
| 51      | 42.3 | 43.2  | 64.8# |       |       |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 46.491 ng

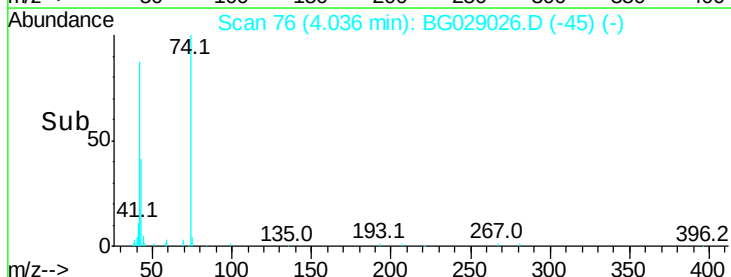
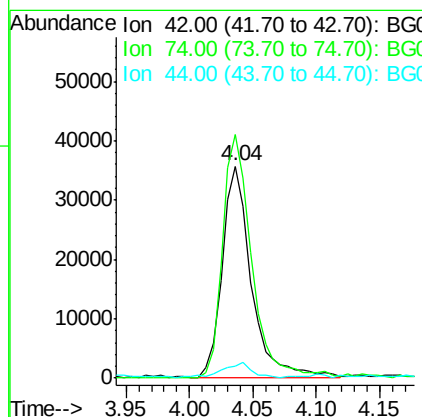
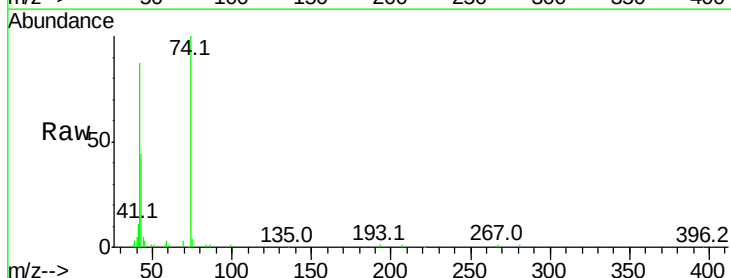
RT: 4.04 min Scan# 76

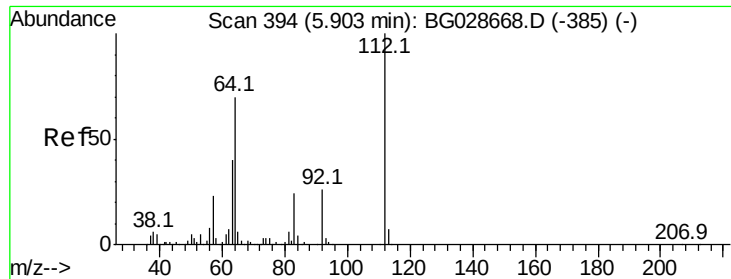
Delta R.T. -0.12 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

| Tgt Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 42      | 100   |       |       |       |       |
| 74      | 114.9 | 76.7  | 115.1 |       |       |
| 44      | 5.8   | 6.1   | 9.1#  |       |       |





#5

2-Fluorophenol

Concen: 143.805 ng

RT: 5.81 min Scan# 378

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

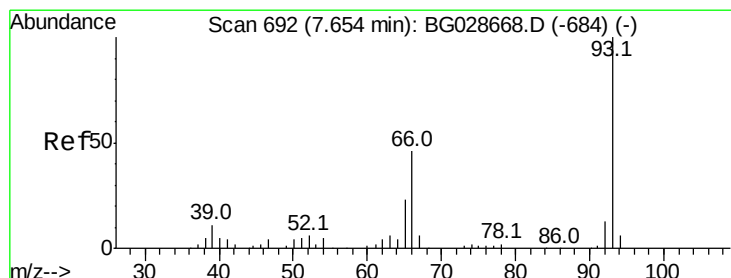
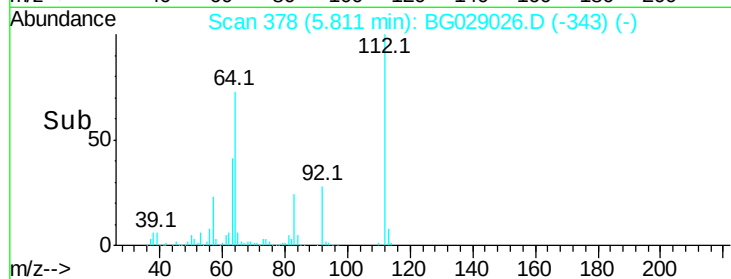
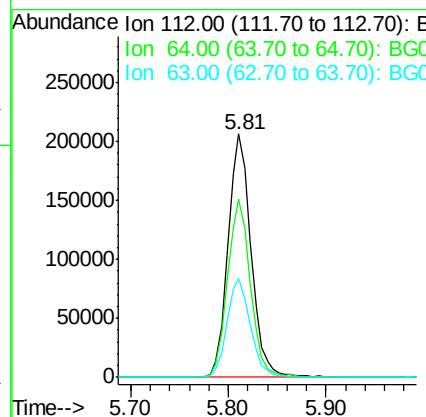
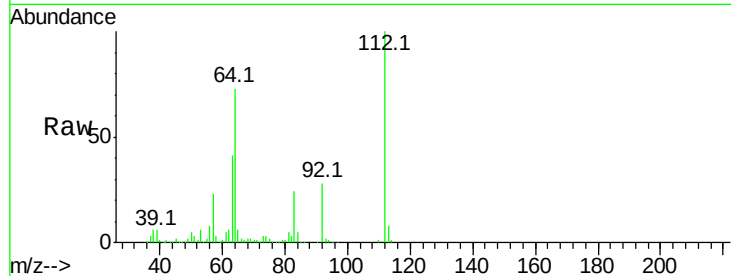
ClientSampled :

TP-1-COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 337421 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 73.2  | 61.8  | 92.6   |
| 63        | 40.5  | 37.2  | 55.8   |

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#6

Aniline

Concen: 18.377 ng

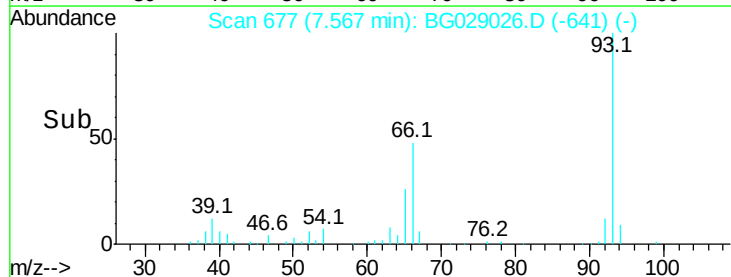
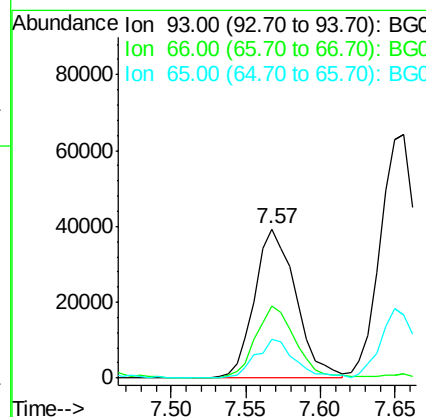
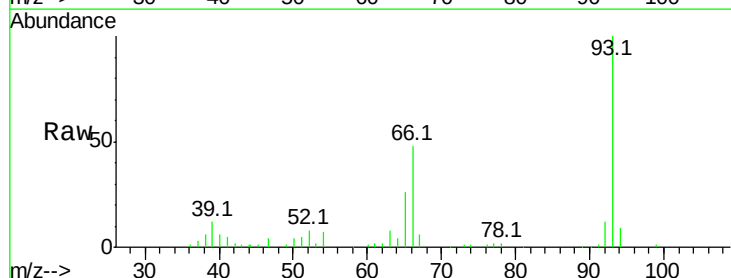
RT: 7.57 min Scan# 677

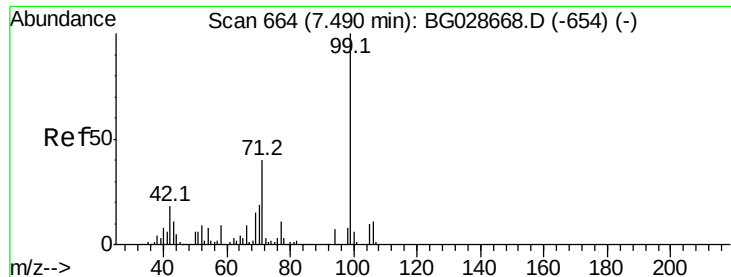
Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 75556 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 47.9  | 35.4  | 53.2  |
| 65        | 25.7  | 21.2  | 31.8  |





#7

Phenol-d6

Concen: 124.628 ng

RT: 7.40 min Scan# 649

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

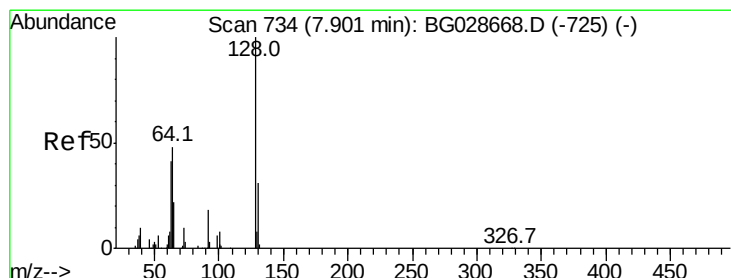
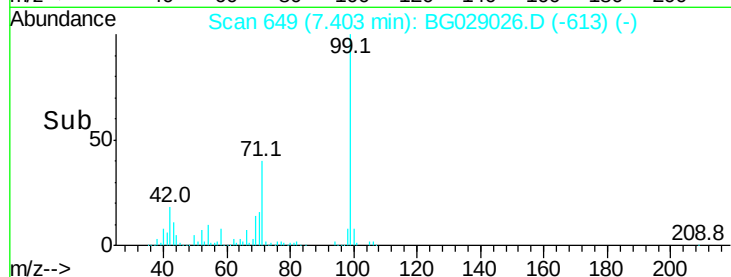
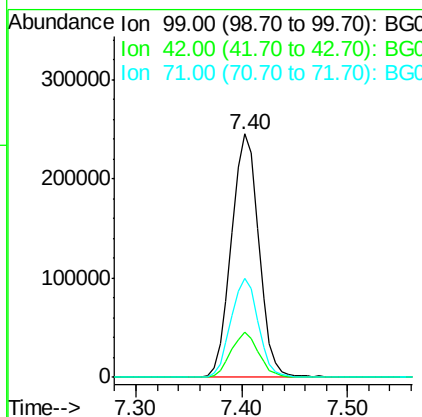
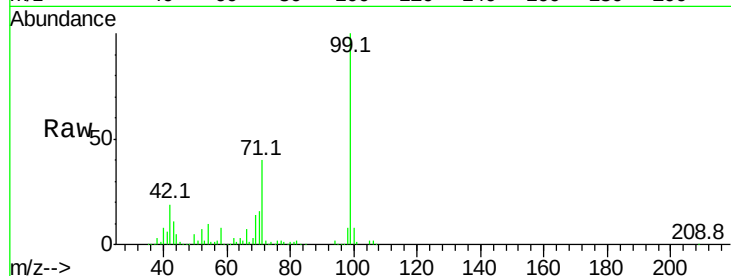
ClientSampleId :

TP-1-COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 440282 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 18.6  | 20.5  | 30.7#  |
| 71        | 40.4  | 37.6  | 56.4   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 42.543 ng

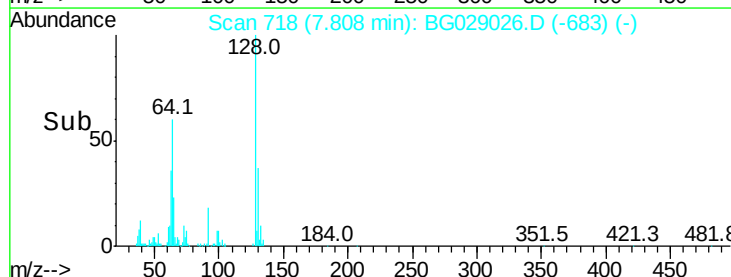
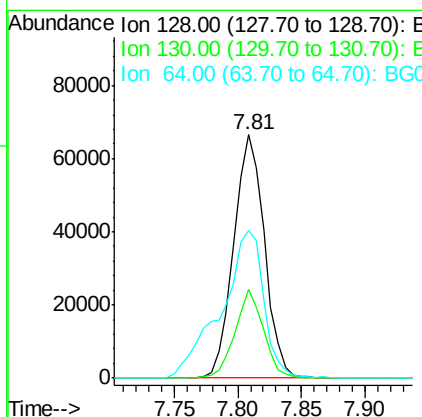
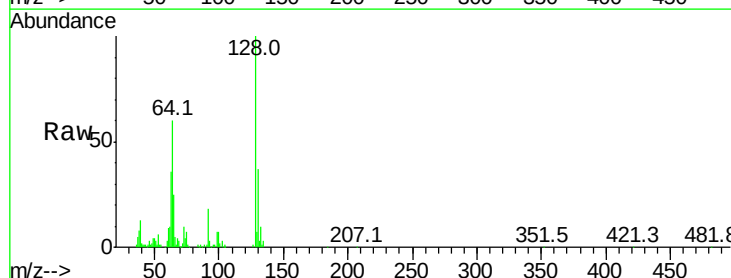
RT: 7.81 min Scan# 718

Delta R.T. -0.09 min

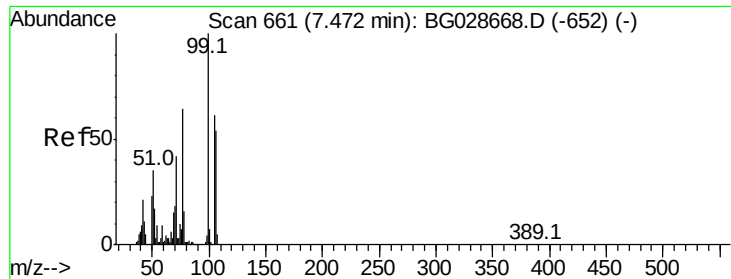
Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 128   | Resp: | 111279 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 130       | 36.6  | 11.4  | 51.4   |
| 64        | 60.4  | 46.6  | 86.6   |







#9

Benzaldehyde

Concen: 26.681 ng

RT: 7.38 min Scan# 645

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

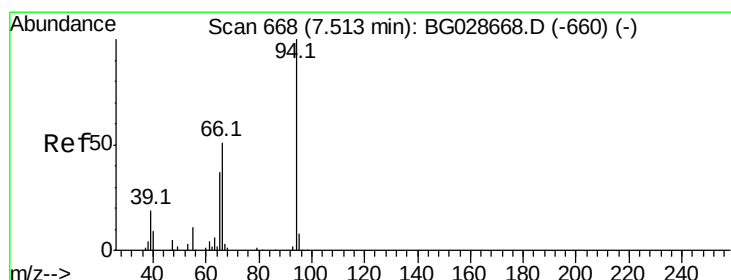
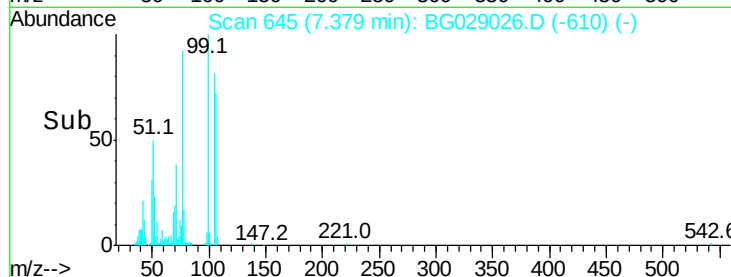
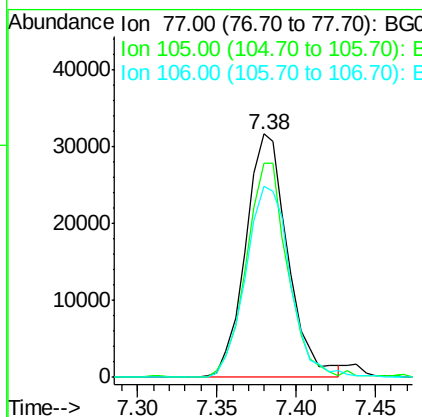
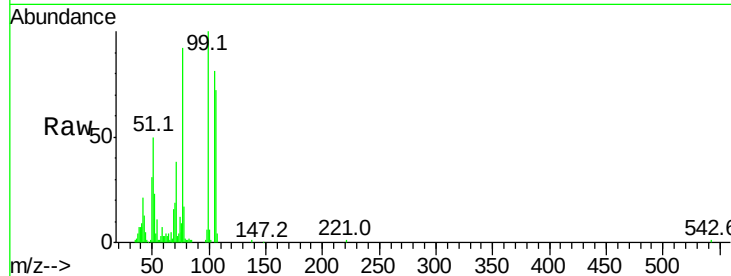
ClientSampleId :

TP-1-COMPMS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 58479 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 88.1  | 60.9  | 100.9 |
| 106      | 78.6  | 55.1  | 95.1  |

Manual Integrations  
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#10

Phenol

Concen: 37.866 ng

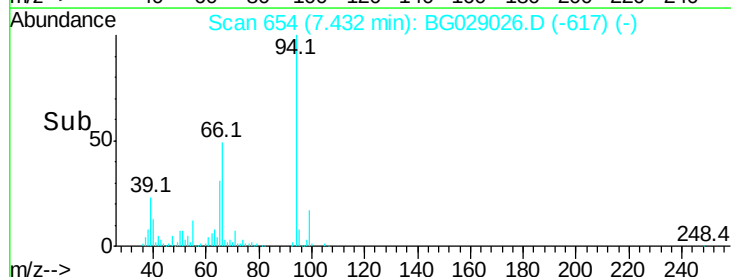
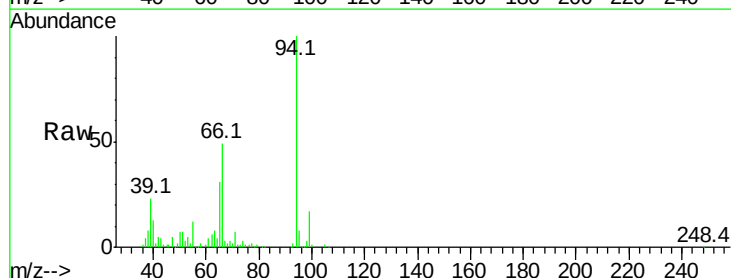
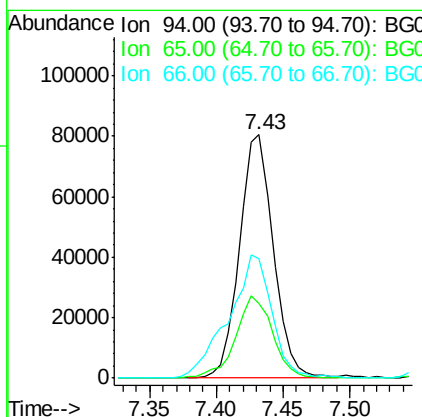
RT: 7.43 min Scan# 654

Delta R.T. -0.08 min

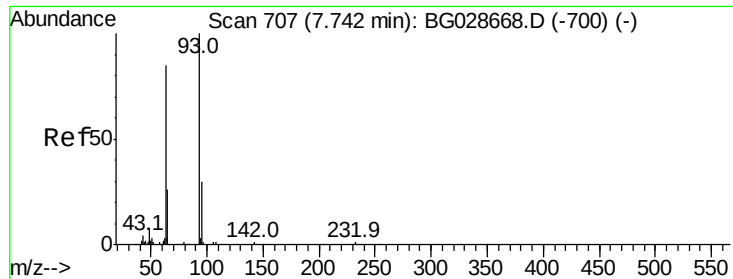
Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 141179 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 30.8  | 20.6  | 60.6   |
| 66       | 49.3  | 35.5  | 75.5   |







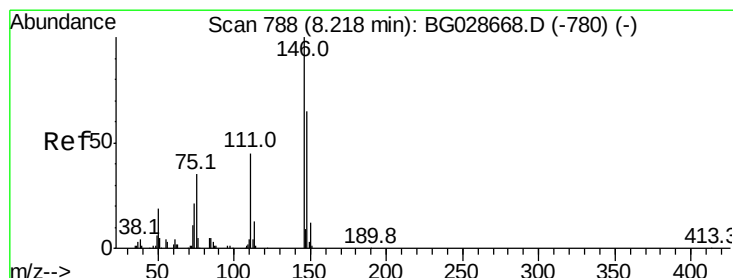
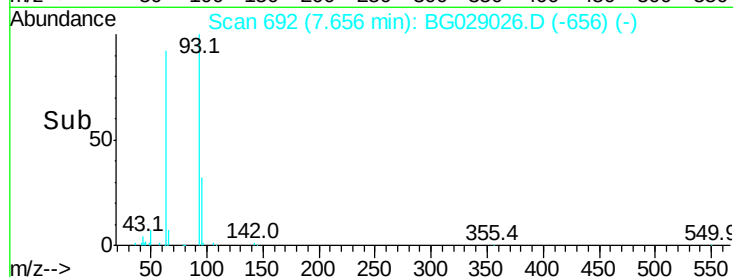
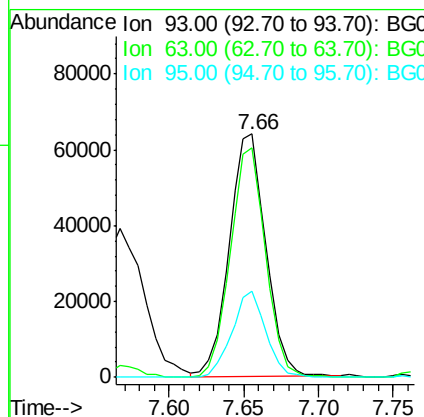
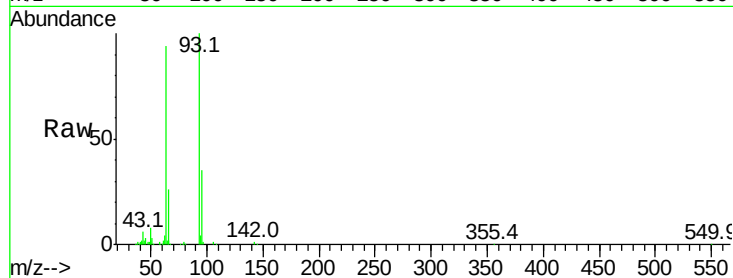
#11  
bis(2-Chloroethyl)ether  
Concen: 40.796 ng  
RT: 7.66 min Scan# 692  
Delta R.T. -0.09 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-COMPMS

| Tot Ion   | 93    | Resp  | 109201 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 63        | 94.3  | 78.5  | 118.5  |
| 95        | 35.2  | 9.8   | 49.8   |

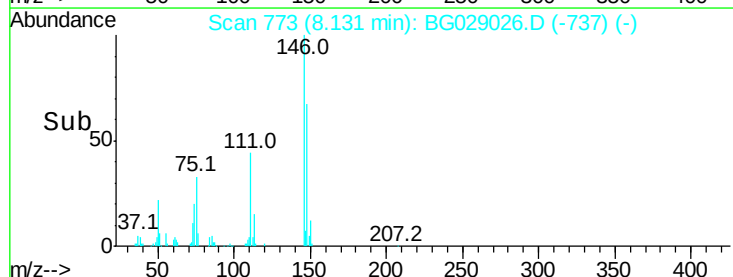
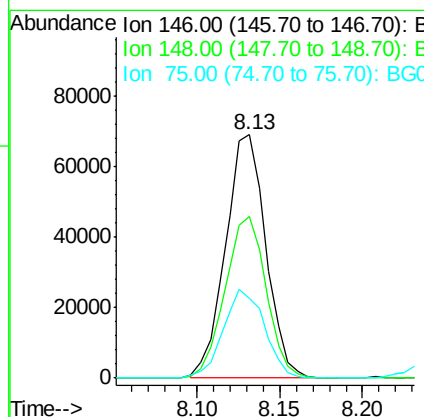
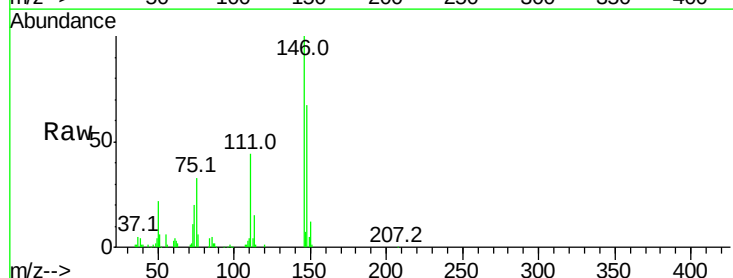
Manual Integrations  
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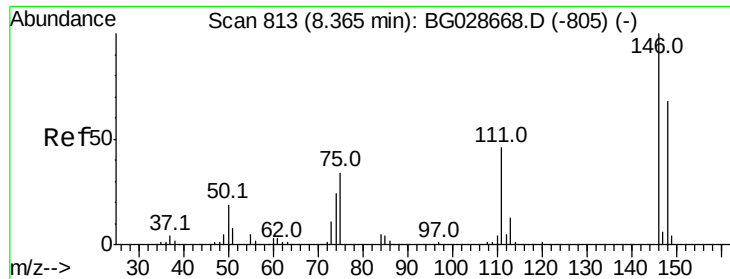
Sohil  
10/4/2017 4:58:13 PM



#12  
1,3-Dichlorobenzene  
Concen: 41.420 ng m  
RT: 8.13 min Scan# 773  
Delta R.T. -0.09 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

| Tgt Ion   | 146   | Resp  | 116662 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 148       | 66.7  | 49.2  | 73.8   |
| 75        | 32.6  | 33.4  | 50.2#  |





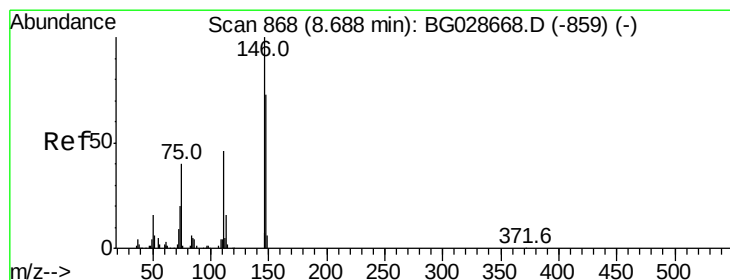
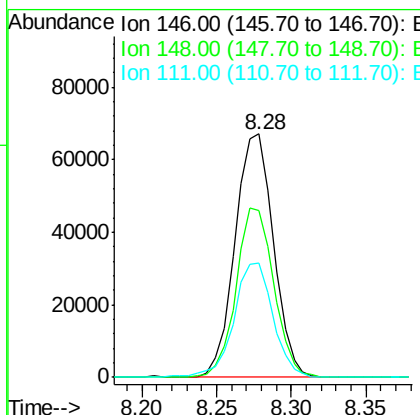
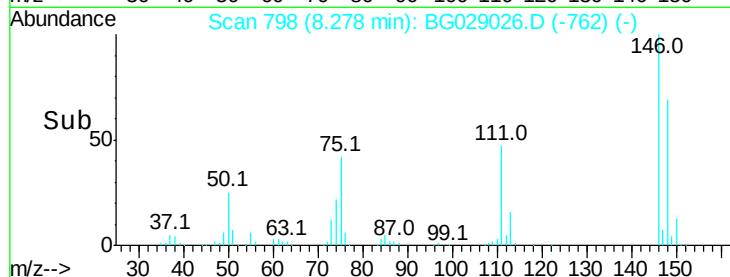
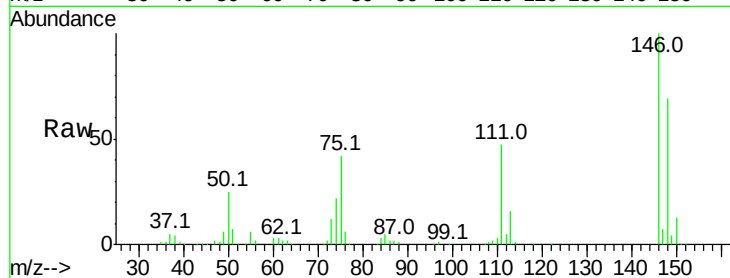
#13  
 1,4-Dichlorobenzene  
 Concen: 41.405 ng  
 RT: 8.28 min Scan# 798  
 Delta R.T. -0.09 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.6  | 52.2  | 78.2  |
| 111     | 46.8  | 37.0  | 55.6  |

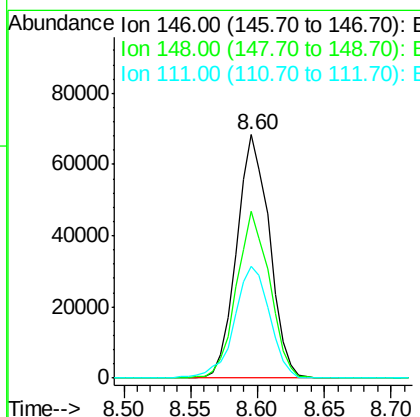
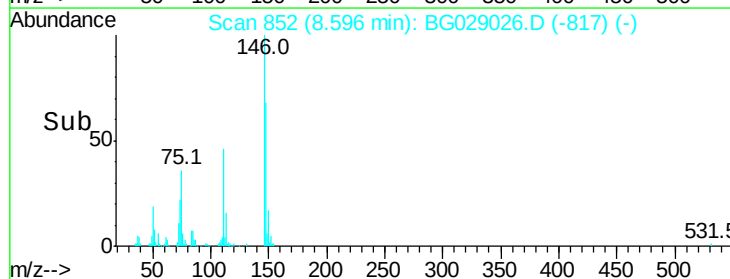
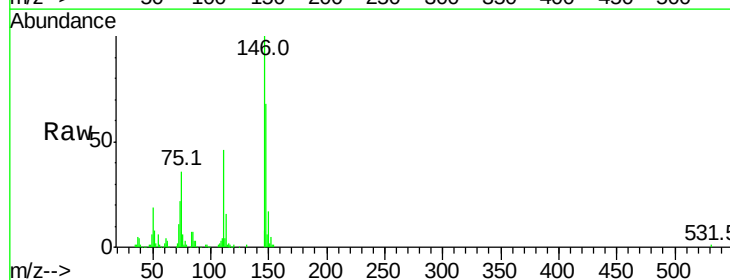
Manual Integrations  
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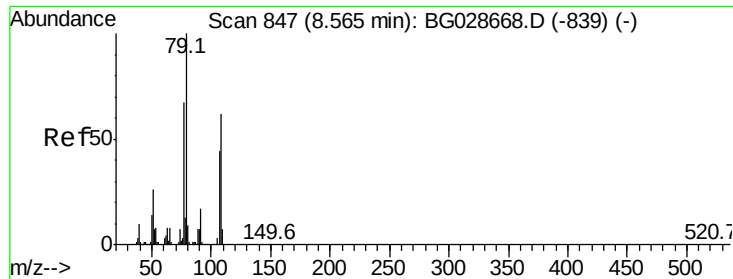
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 10/4/2017 4:58:13 PM



#14  
 1,2-Dichlorobenzene  
 Concen: 40.480 ng  
 RT: 8.60 min Scan# 852  
 Delta R.T. -0.09 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.5  | 54.6  | 81.8  |
| 111     | 46.1  | 39.7  | 59.5  |





#15

Benzyl Alcohol

Concen: 44.351 ng

RT: 8.48 min Scan# 833

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

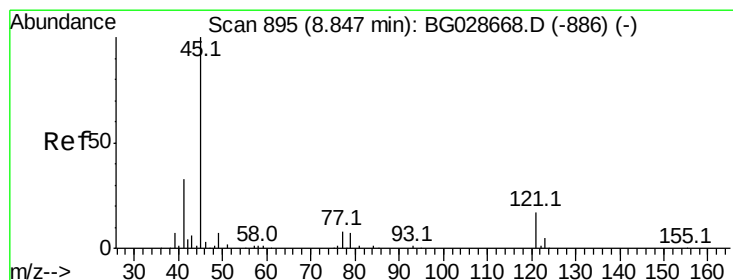
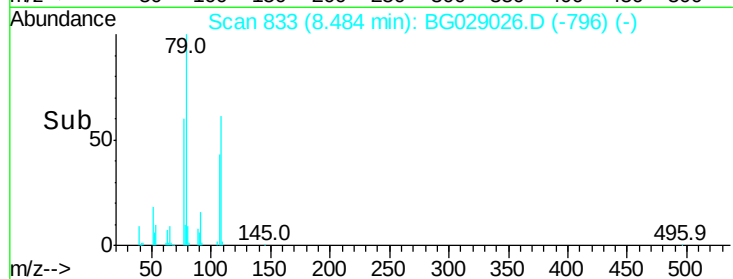
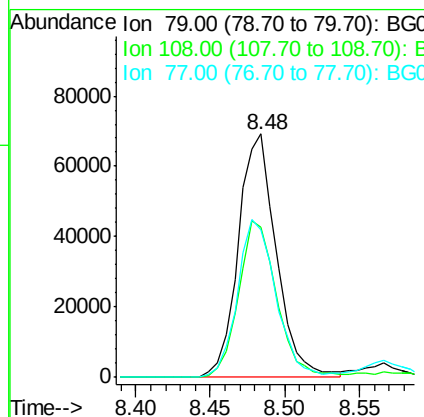
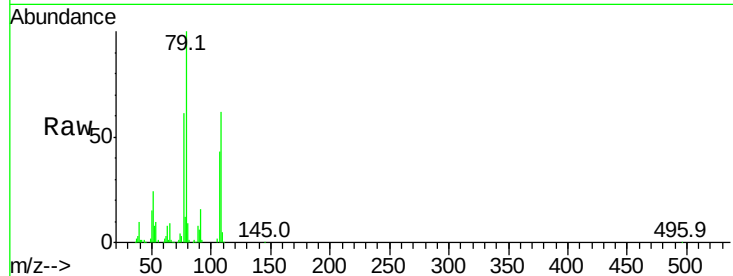
ClientSampleId :

TP-1-COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 122312 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 108       | 61.8  | 45.5  | 68.3   |
| 77        | 60.9  | 54.3  | 81.5   |

Manual Integrations  
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.903 ng

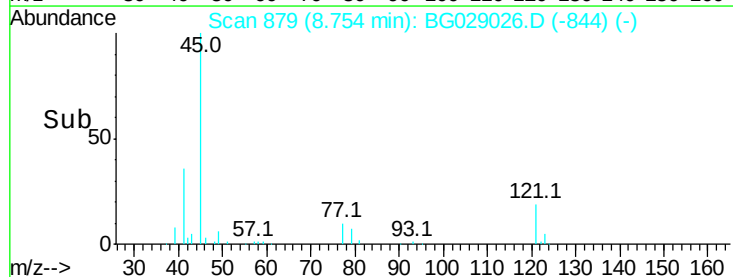
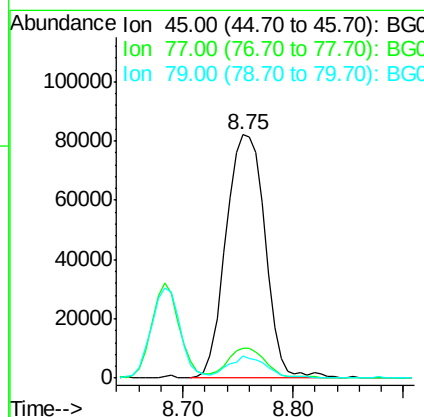
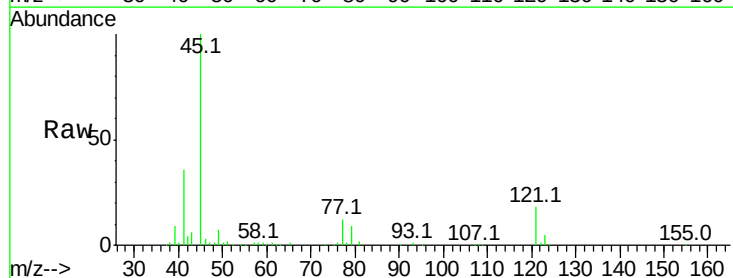
RT: 8.75 min Scan# 879

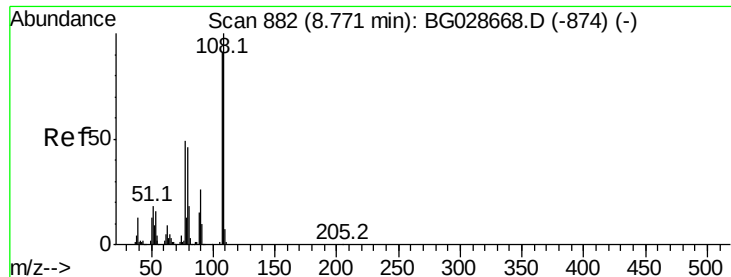
Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 203851 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 12.2  | 0.0   | 30.6   |
| 79        | 9.2   | 0.0   | 28.5   |





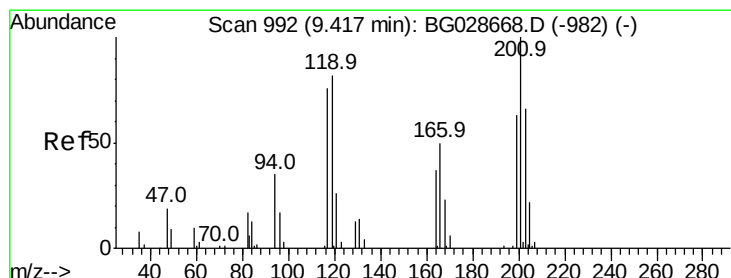
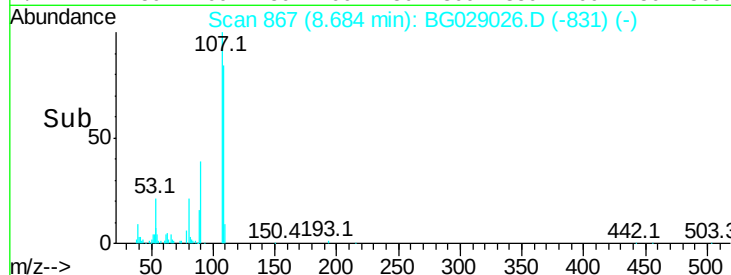
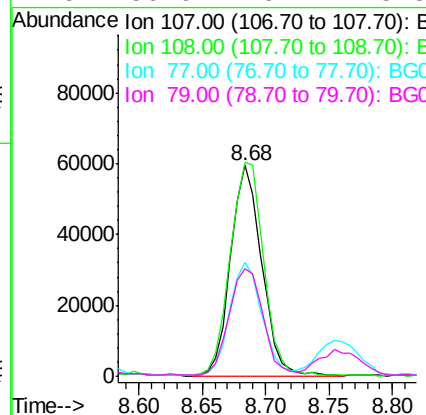
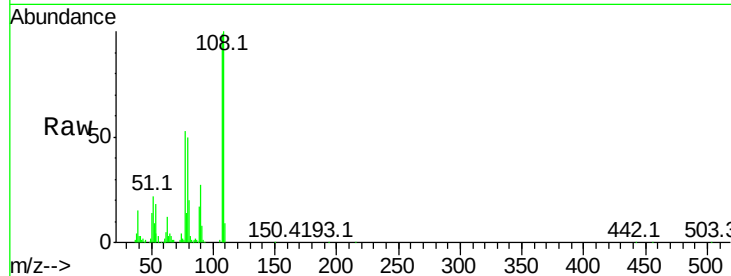
#17  
2-Methylphenol  
Concen: 41.634 ng  
RT: 8.68 min Scan# 867  
Delta R.T. -0.09 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-COMPMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 101.3 | 85.6 | 128.4 |       |
| 77      | 54.0  | 51.4 | 77.2  |       |
| 79      | 50.9  | 49.2 | 73.8  |       |

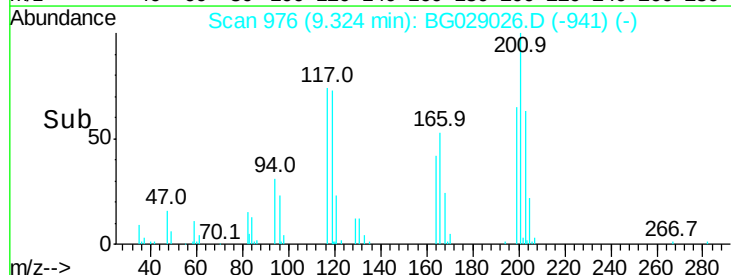
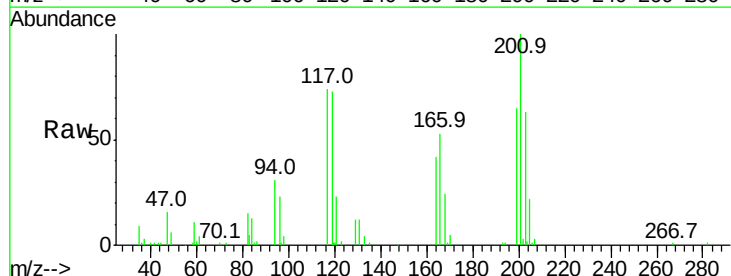
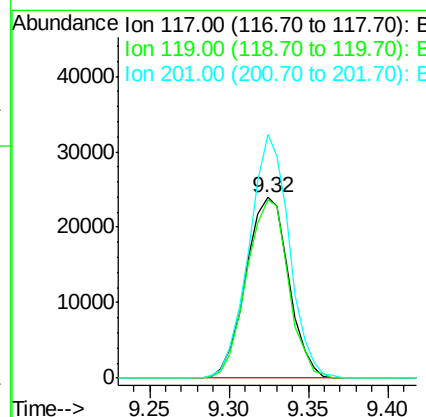
Manual Integrations  
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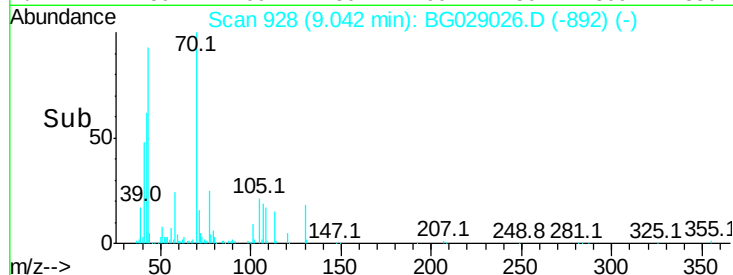
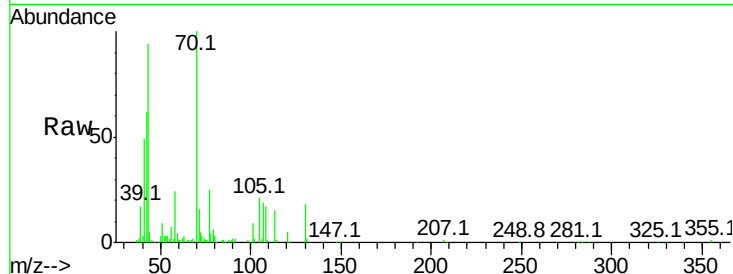
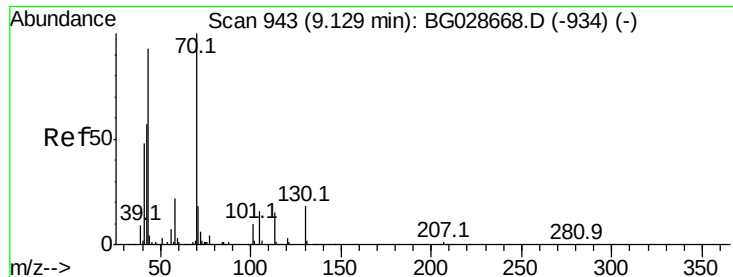
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#18  
Hexachloroethane  
Concen: 42.406 ng  
RT: 9.32 min Scan# 976  
Delta R.T. -0.09 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 98.6  | 69.8 | 104.6 |       |
| 201     | 134.6 | 95.4 | 143.0 |       |





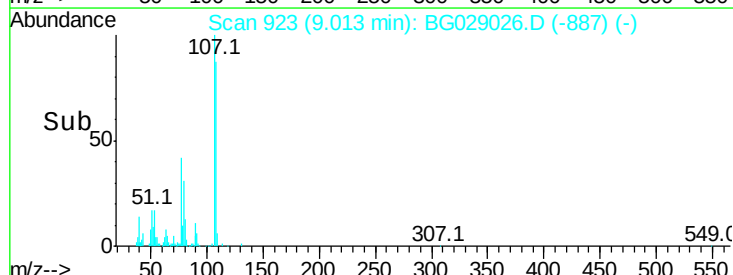
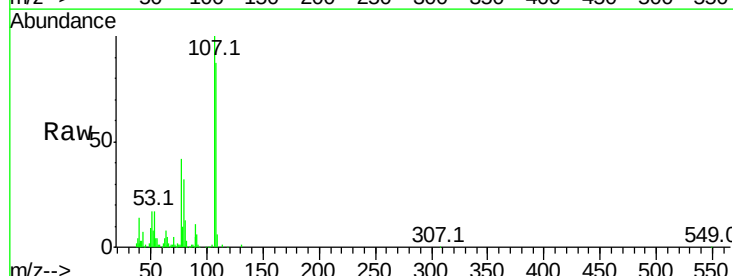
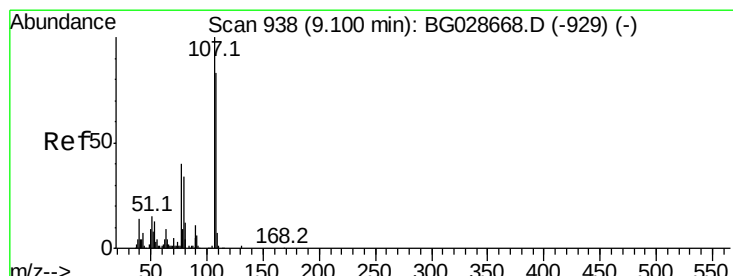
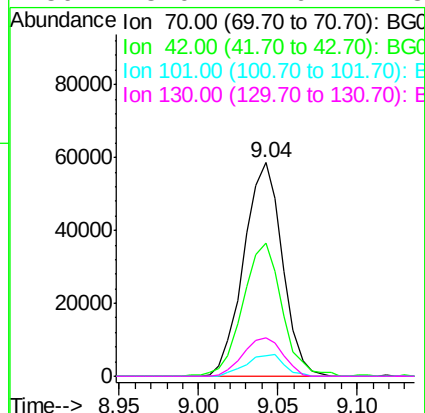
#19  
n-Nitroso-di-n-propylamine  
Concen: 39.510 ng  
RT: 9.04 min Scan# 928  
Delta R.T. -0.09 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-COMPMS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 62.4 | 56.1  | 84.1  |       |
| 101     | 9.4  | 7.5   | 11.3  |       |
| 130     | 18.0 | 14.6  | 21.8  |       |

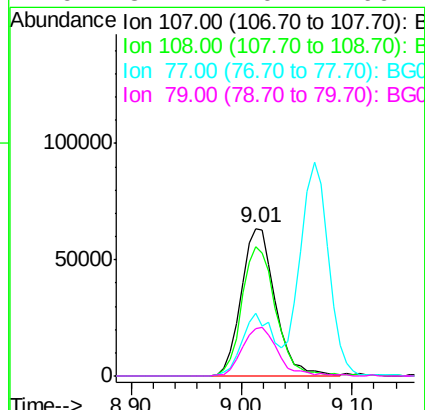
Manual Integrations  
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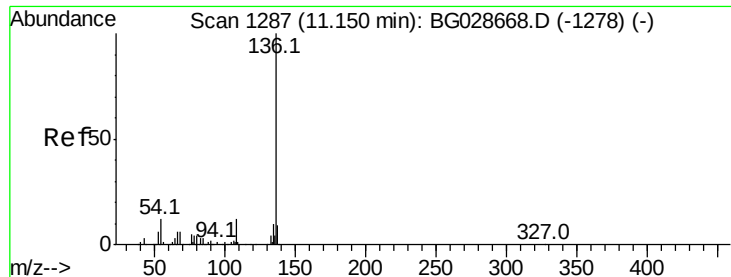
Sohil  
10/4/2017 4:58:13 PM



#20  
3+4-Methylphenols  
Concen: 40.349 ng  
RT: 9.01 min Scan# 923  
Delta R.T. -0.09 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 87.1 | 70.8  | 110.8 |       |
| 77      | 42.4 | 25.8  | 65.8  |       |
| 79      | 31.7 | 20.1  | 60.1  |       |





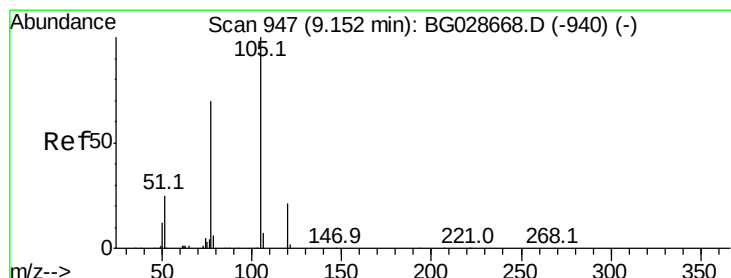
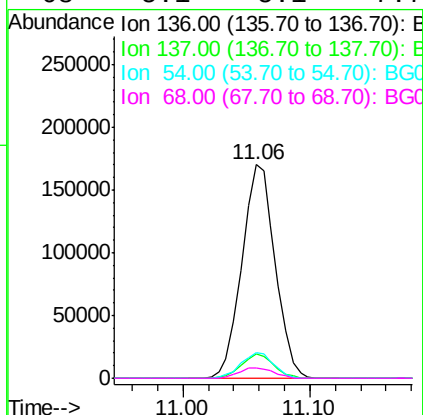
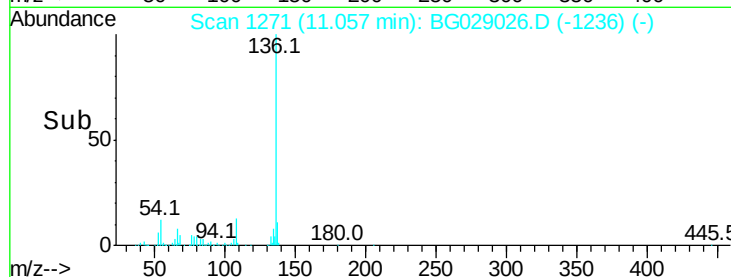
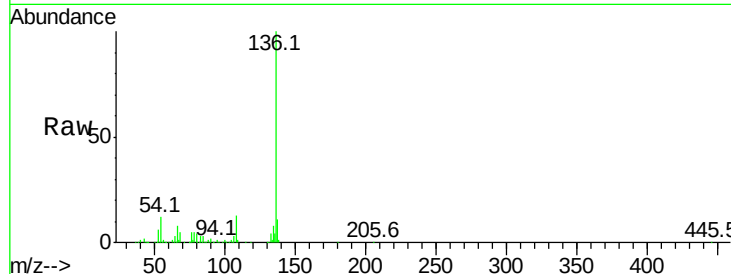
#21  
Naphthalene-d8  
Concen: 40.000 ng  
RT: 11.06 min Scan# 1271  
Delta R.T. -0.09 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-COMPMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 11.3  | 8.9  | 13.3  |       |
| 54      | 11.9  | 9.3  | 13.9  |       |
| 68      | 5.1   | 5.1  | 7.7#  |       |

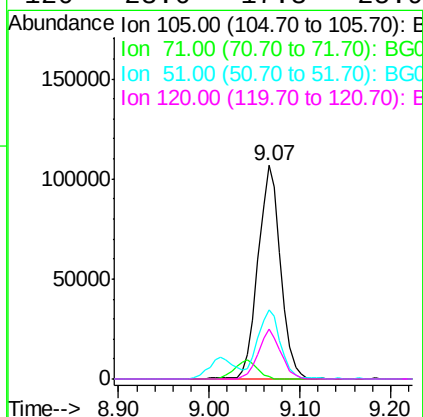
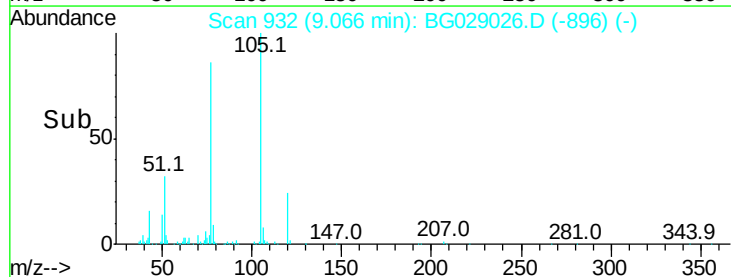
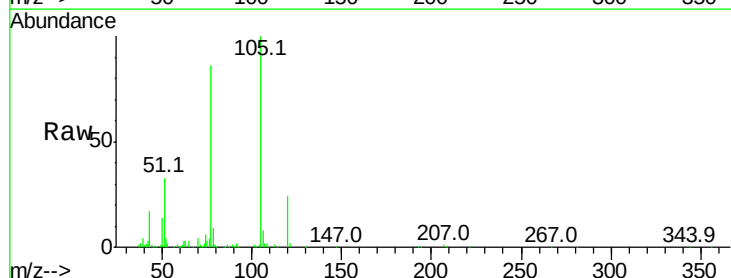
Manual Integrations  
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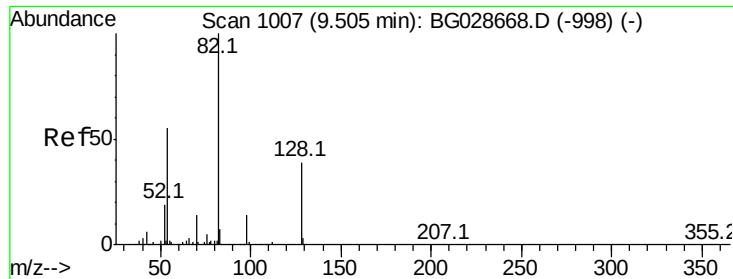
Sohil  
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#22  
Acetophenone  
Concen: 40.764 ng  
RT: 9.07 min Scan# 932  
Delta R.T. -0.09 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 1.1   | 0.9  | 1.3   |       |
| 51      | 32.5  | 34.0 | 51.0# |       |
| 120     | 23.6  | 17.3 | 25.9  |       |





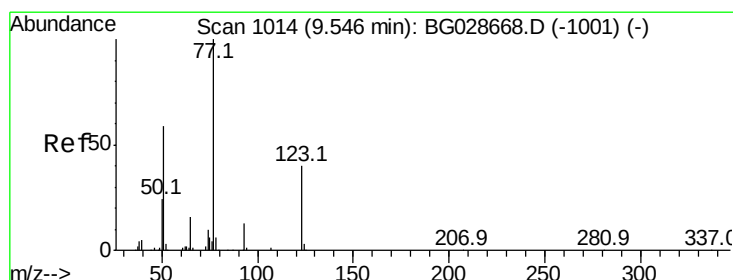
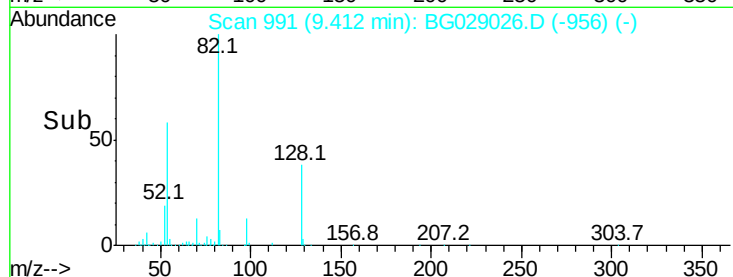
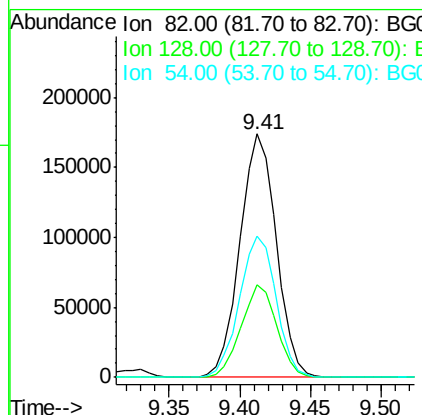
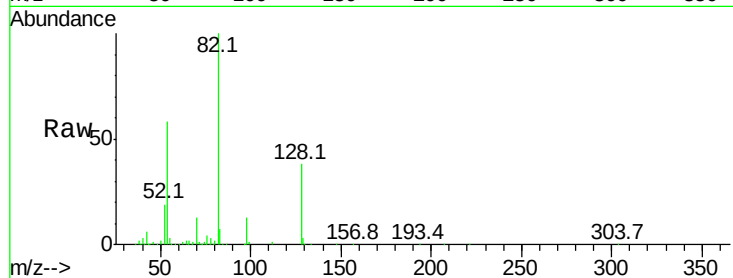
#23  
 Nitrobenzene-d5  
 Concen: 97.370 ng  
 RT: 9.41 min Scan# 991  
 Delta R.T. -0.09 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 38.0  | 26.4  | 39.6  |
| 54      | 58.1  | 49.4  | 74.2  |

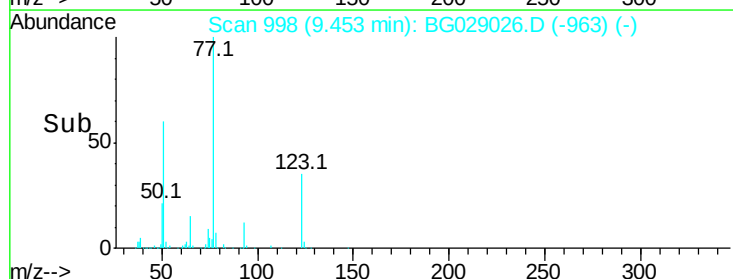
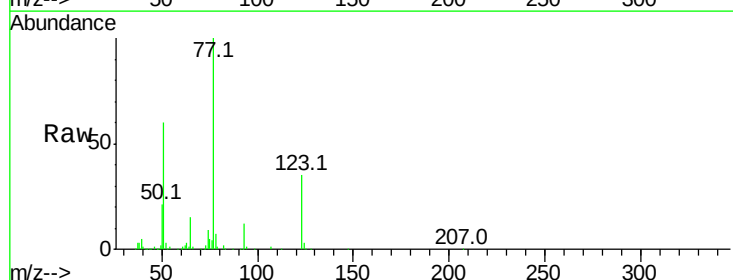
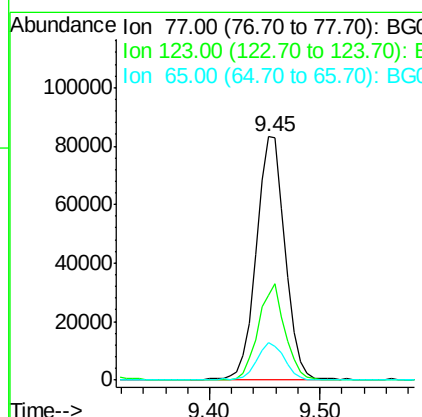
Manual Integrations  
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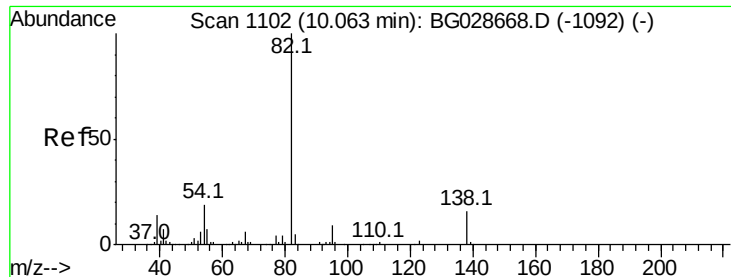


#24  
 Nitrobenzene  
 Concen: 42.678 ng  
 RT: 9.45 min Scan# 998  
 Delta R.T. -0.09 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 35.0  | 26.1  | 39.1  |
| 65      | 15.4  | 12.4  | 18.6  |







#25

Isophorone

Concen: 41.919 ng

RT: 9.97 min Scan# 1086

Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

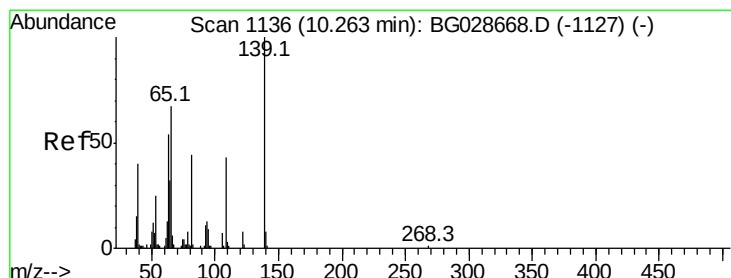
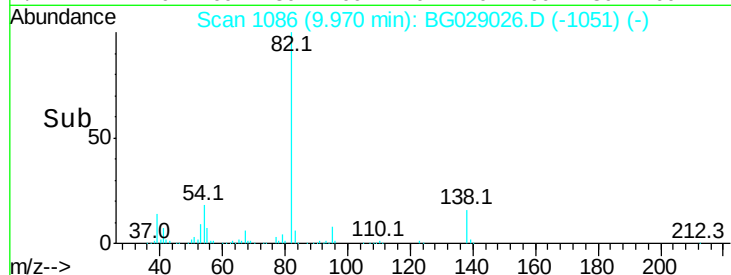
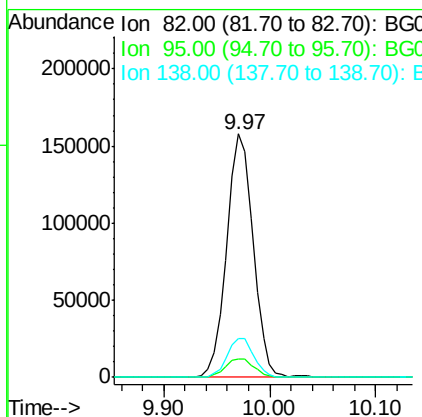
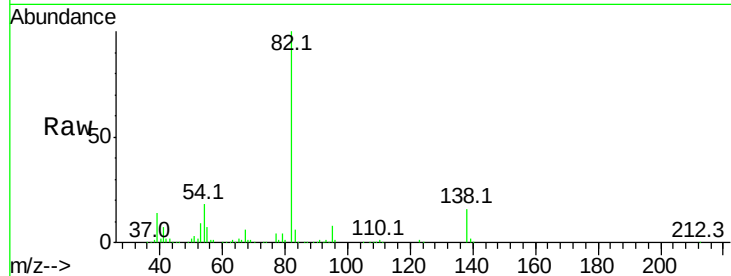
ClientSampleId :

TP-1-COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 82    | Resp: | 274066 |
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 95        | 7.7   | 7.5   | 11.3   |
| 138       | 15.8  | 12.3  | 18.5   |

Manual Integrations  
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#26

2-Nitrophenol

Concen: 40.712 ng

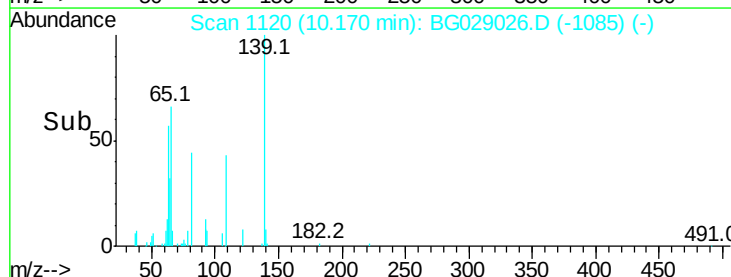
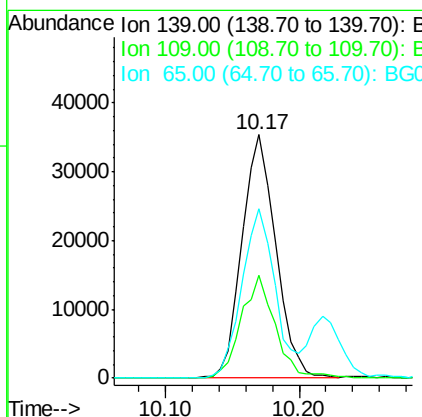
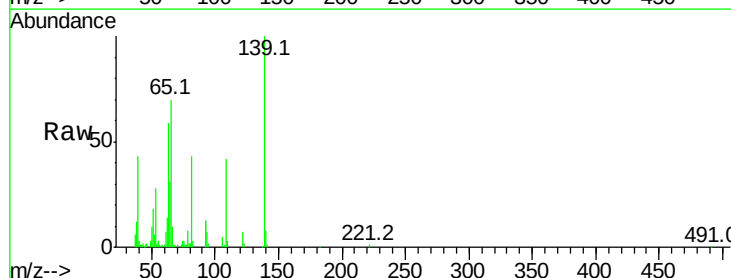
RT: 10.17 min Scan# 1120

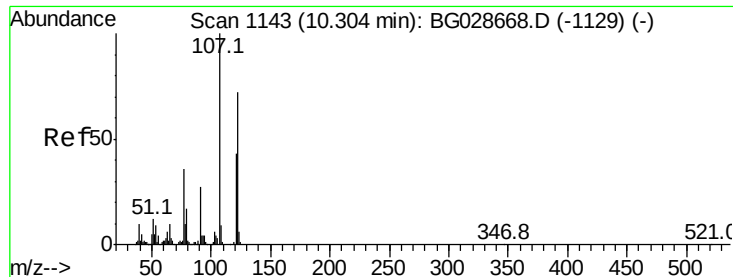
Delta R.T. -0.09 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 61995 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 42.2  | 38.6  | 58.0  |
| 65        | 69.6  | 57.1  | 85.7  |





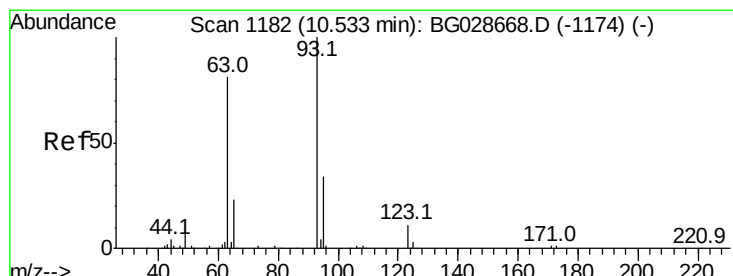
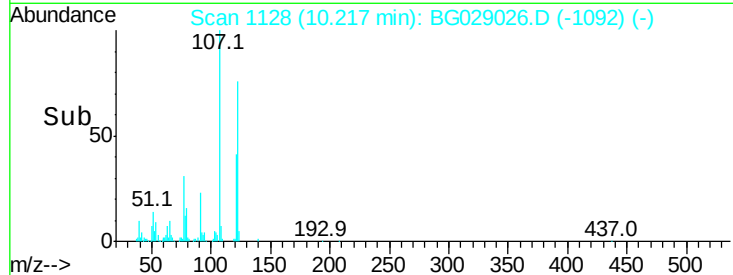
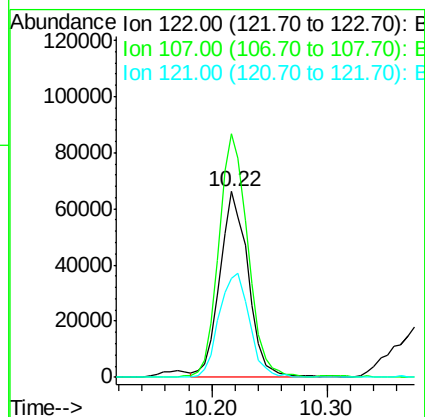
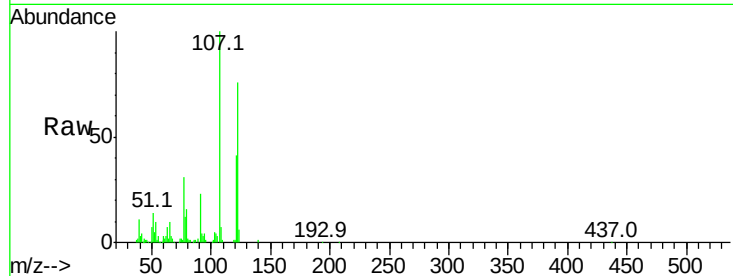
#27  
 2,4-Dimethylphenol  
 Concen: 40.308 ng  
 RT: 10.22 min Scan# 1128  
 Delta R.T. -0.09 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 122   | Resp: | 112197 |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 131.3 | 104.2 | 156.4  |
| 121       | 53.7  | 46.0  | 69.0   |

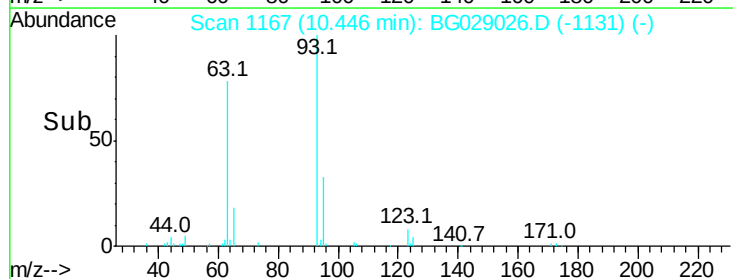
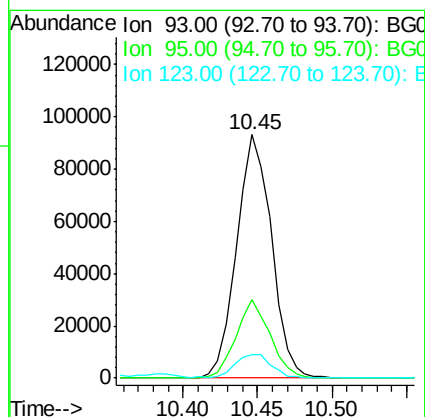
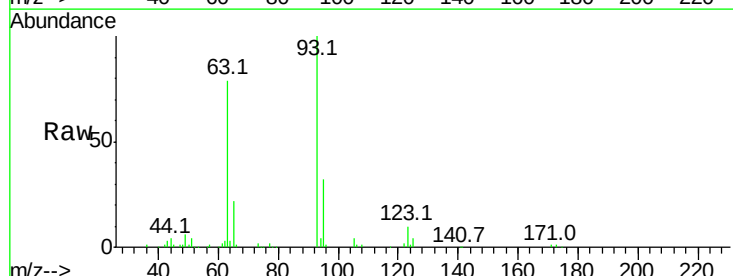
Manual Integrations  
 APPROVED

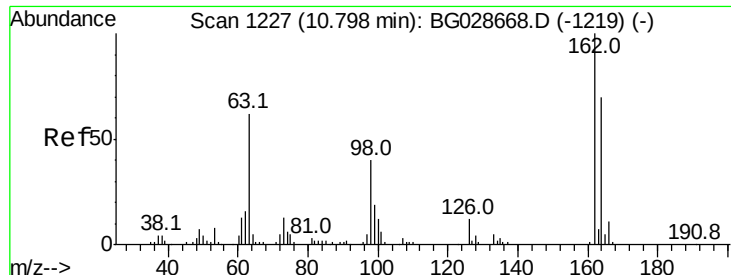
Sohil  
 10/4/2017 4:58:13 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.713 ng  
 RT: 10.45 min Scan# 1167  
 Delta R.T. -0.09 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 93    | Resp: | 151650 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.2  | 25.7  | 38.5   |
| 123       | 9.8   | 8.3   | 12.5   |





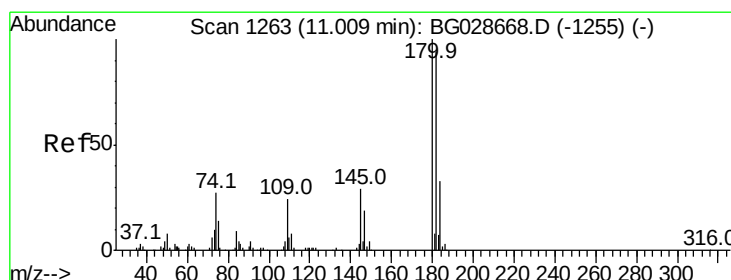
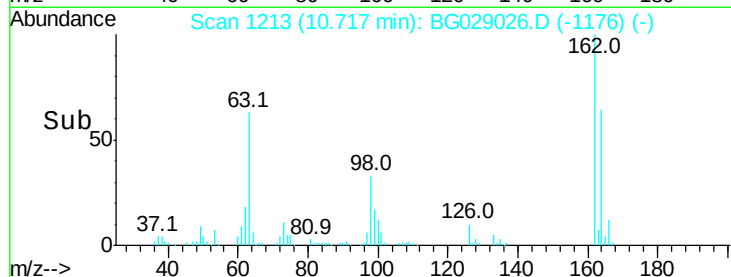
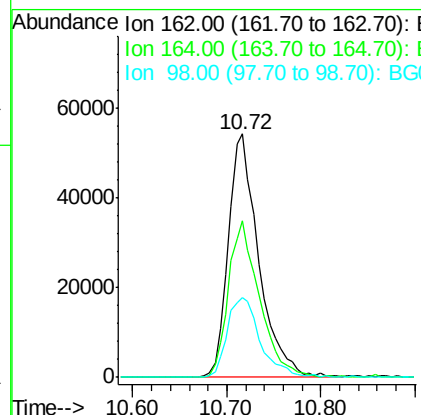
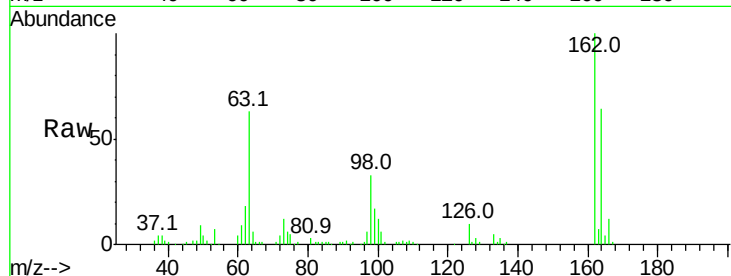
#29  
2,4-Dichlorophenol  
Concen: 44.036 ng  
RT: 10.72 min Scan# 1213  
Delta R.T. -0.08 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-COMPMS

| Tot Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 162     | 100   |            |            |
| 164     | 64.4  | 42.4       | 82.4       |
| 98      | 32.7  | 20.3       | 60.3       |

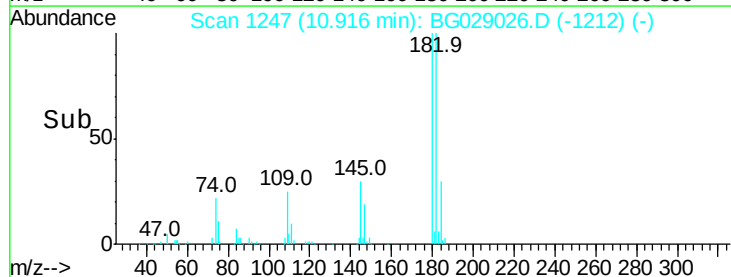
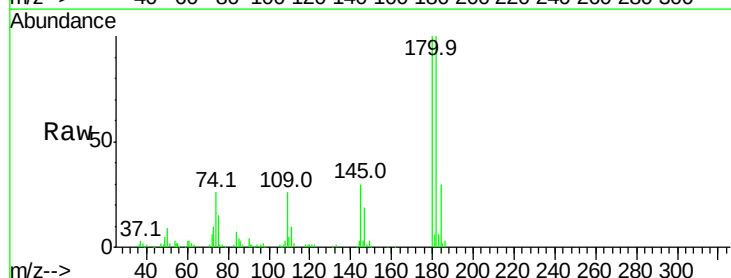
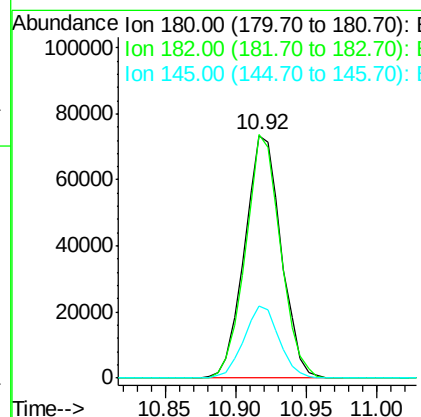
Manual Integrations  
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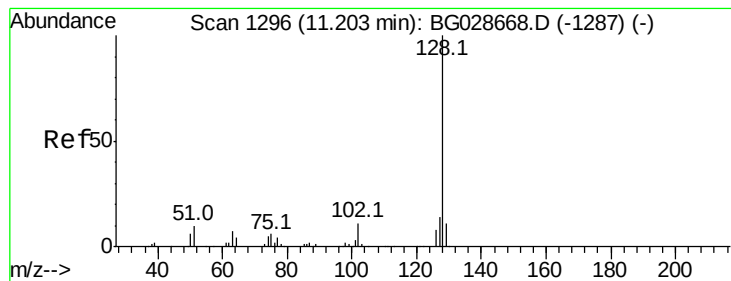
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#30  
1,2,4-Trichlorobenzene  
Concen: 41.958 ng  
RT: 10.92 min Scan# 1247  
Delta R.T. -0.09 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 100.4 | 77.0       | 115.4      |
| 145     | 29.8  | 23.4       | 35.0       |





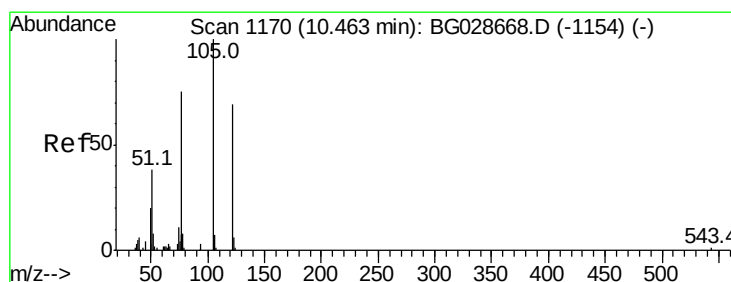
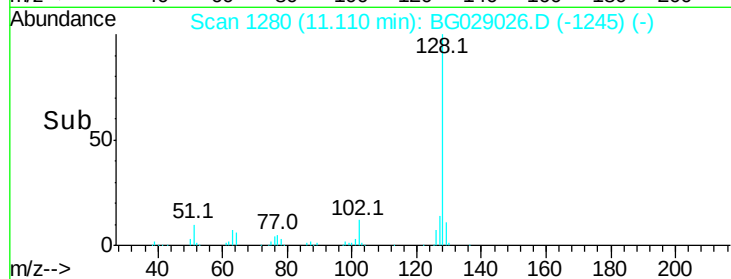
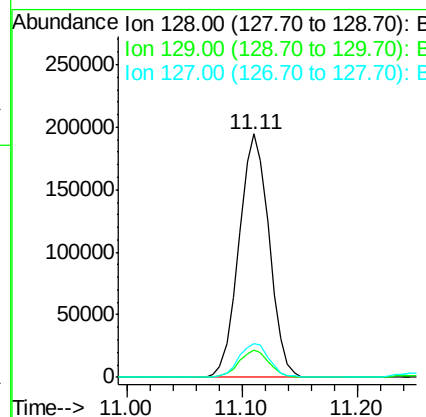
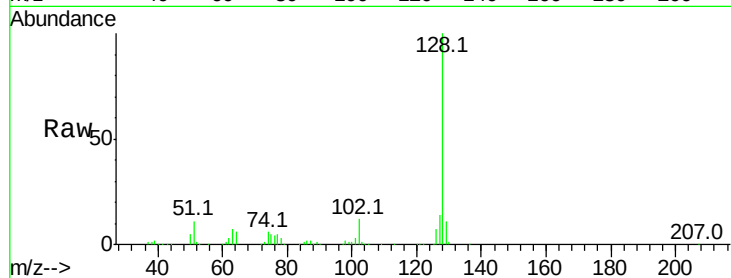
#31  
Naphthalene  
Concen: 43.465 ng  
RT: 11.11 min Scan# 1280  
Delta R.T. -0.09 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

Instrument :  
BNA\_G  
ClientSampled :  
TP-1-COMPMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 128     | 100   |      |       |       |
| 129     | 11.1  | 9.3  | 13.9  |       |
| 127     | 14.0  | 11.4 | 17.0  |       |

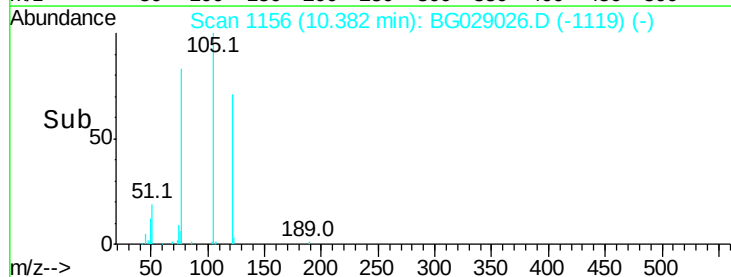
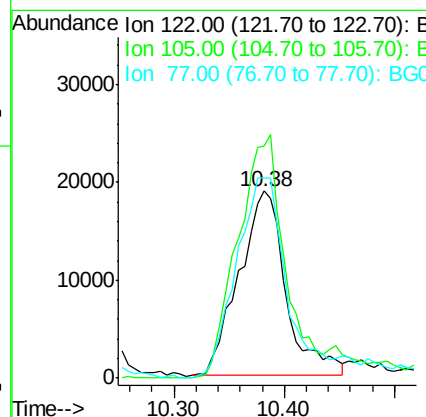
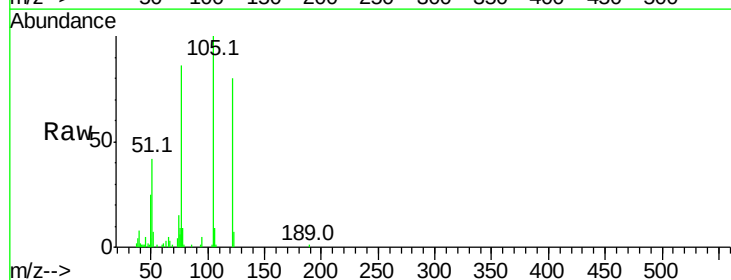
Manual Integrations  
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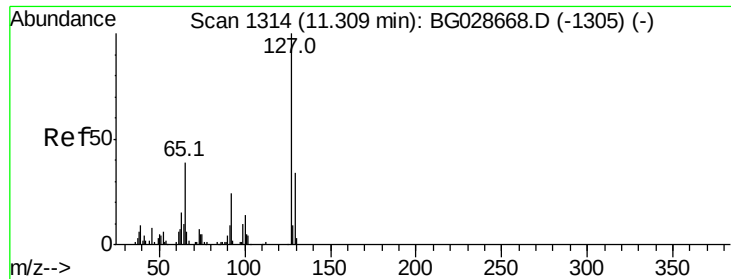
Sohil  
10/4/2017 4:58:13 PM



#32  
Benzoic acid  
Concen: 36.807 ng  
RT: 10.38 min Scan# 1156  
Delta R.T. -0.08 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   |       |       |       |
| 105     | 124.6 | 120.1 | 160.1 |       |
| 77      | 107.3 | 104.6 | 144.6 |       |





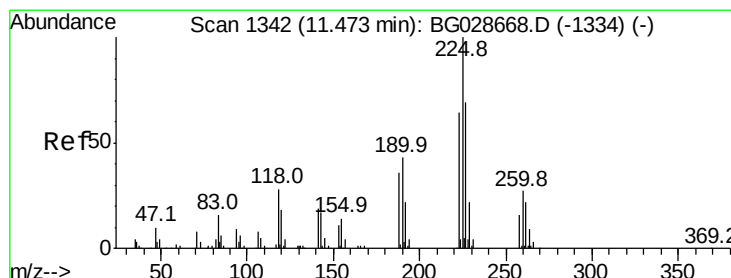
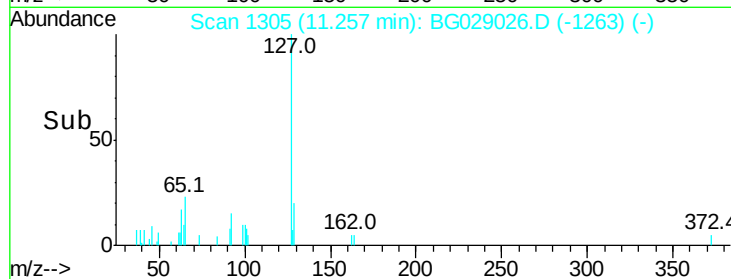
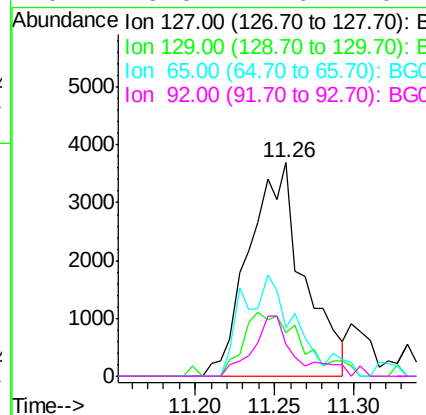
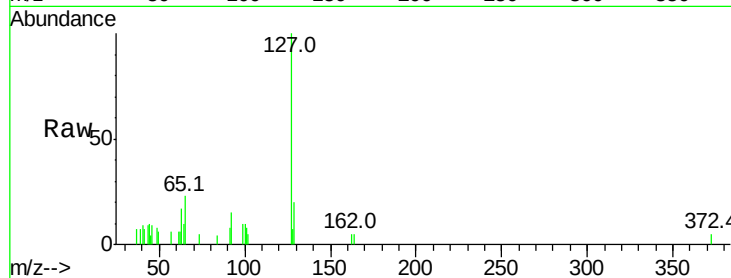
#33  
4-Chloroaniline  
Concen: 2.630 ng  
RT: 11.26 min Scan# 1305  
Delta R.T. -0.05 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 20.3  | 23.6  | 35.4# |
| 65      | 22.6  | 37.7  | 56.5# |
| 92      | 15.3  | 17.6  | 26.4# |

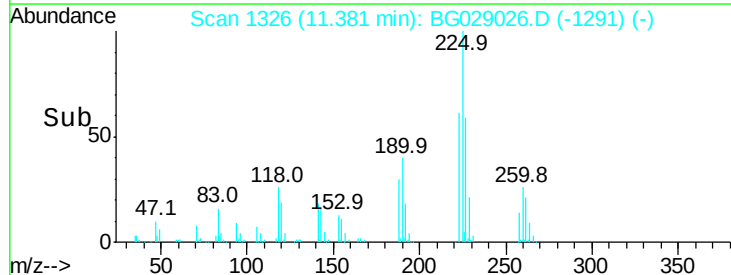
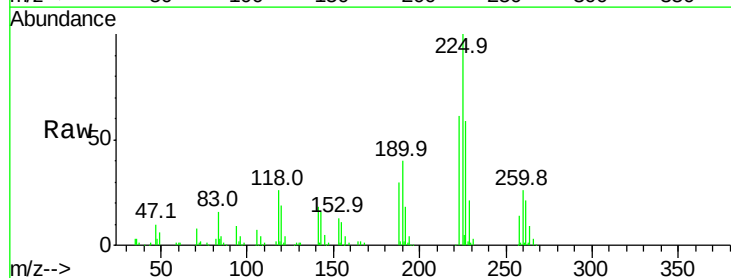
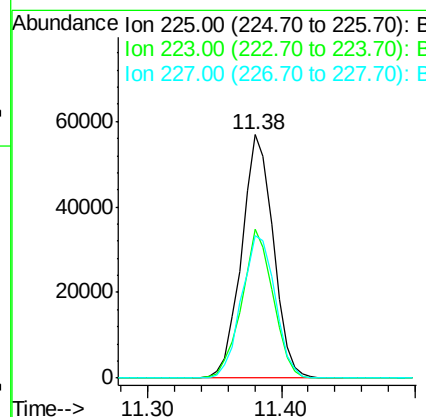
Manual Integrations  
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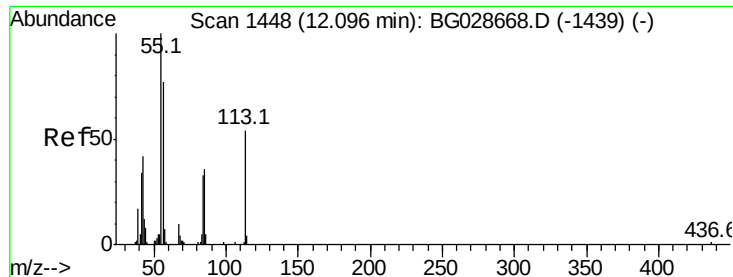
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#34  
Hexachlorobutadiene  
Concen: 40.020 ng  
RT: 11.38 min Scan# 1326  
Delta R.T. -0.09 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.1  | 50.7  | 76.1  |
| 227     | 58.7  | 49.0  | 73.6  |





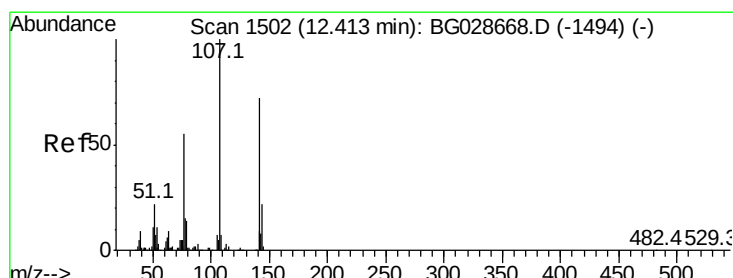
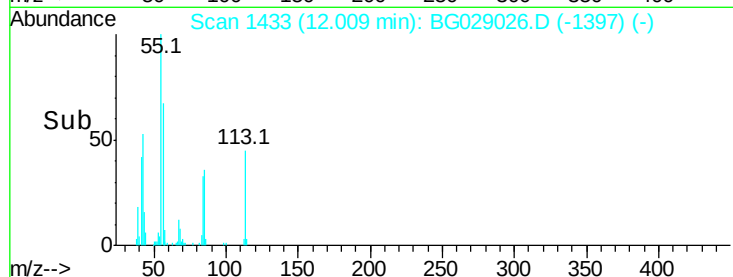
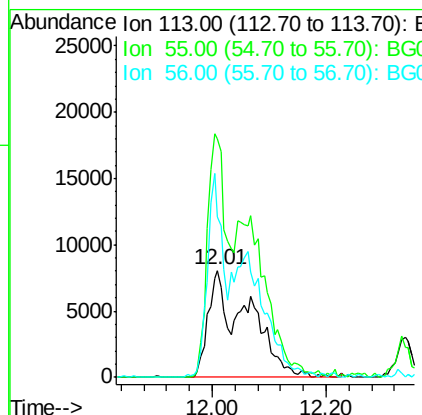
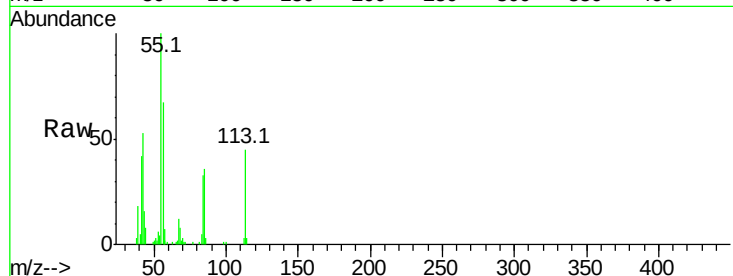
#35  
 Caprolactam  
 Concen: 39.343 ng/ml  
 RT: 12.01 min Scan# 1433  
 Delta R.T. -0.09 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-COMPMS

| Tot Ion | Ion   | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|-------|
| 113     | 100   |       |       |       |       |
| 55      | 224.0 |       | 198.6 | 238.6 |       |
| 56      | 150.7 |       | 140.4 | 180.4 |       |

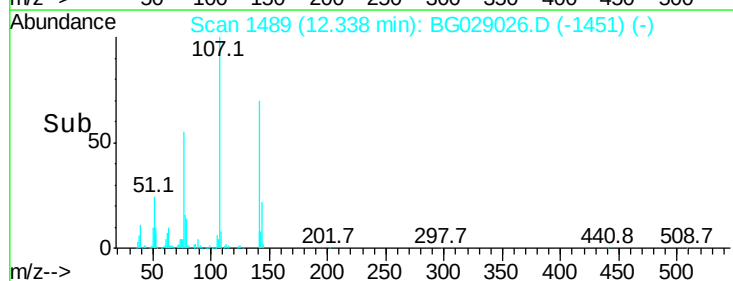
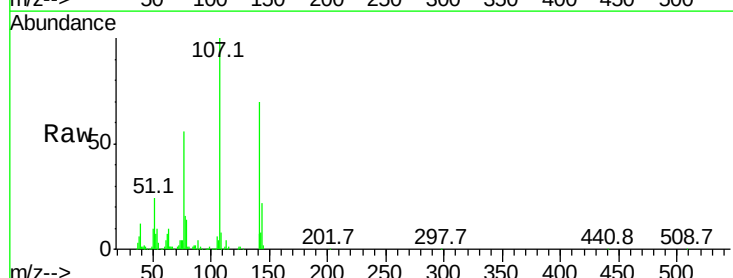
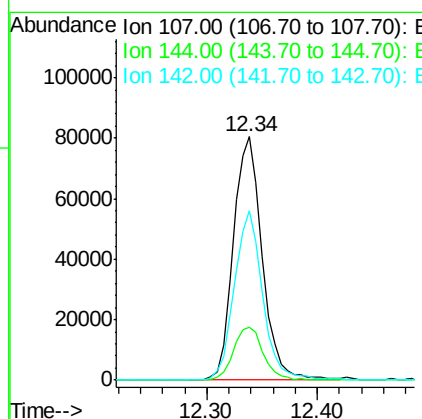
Manual Integrations  
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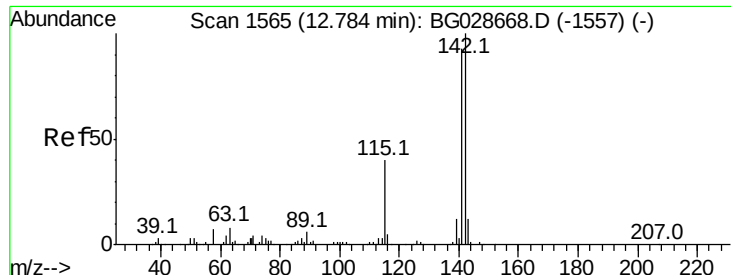
Sohil  
 10/4/2017 4:58:13 PM



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.000 ng/ml  
 RT: 12.34 min Scan# 1489  
 Delta R.T. -0.08 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 107     | 100  |       |      |       |       |
| 144     | 21.9 |       | 17.4 | 26.0  |       |
| 142     | 69.6 |       | 54.1 | 81.1  |       |





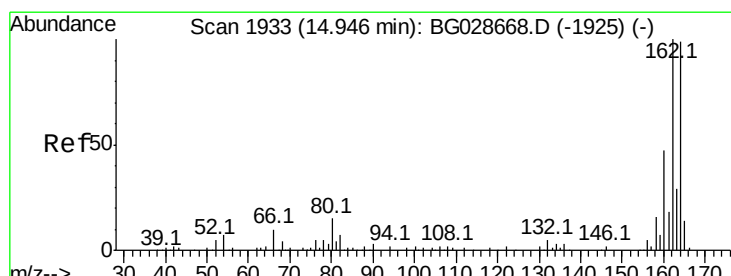
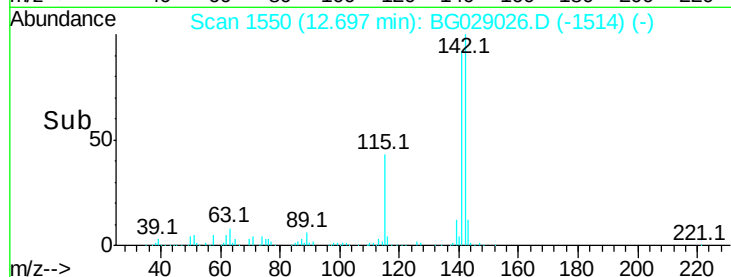
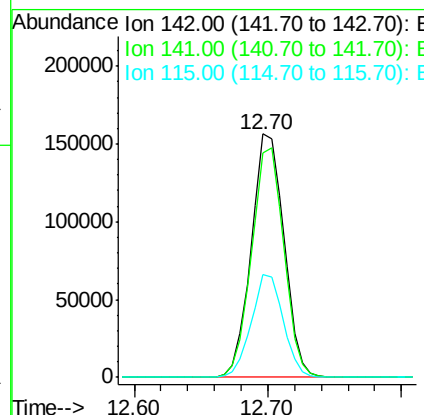
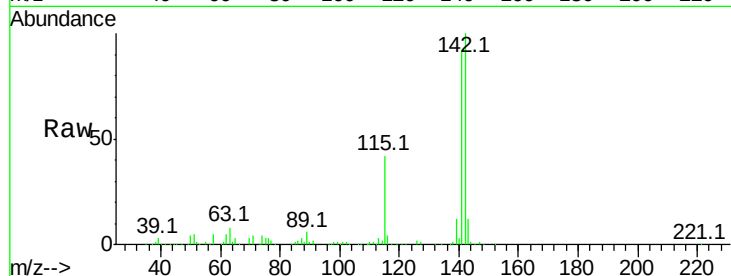
#37  
2-Methylnaphthalene  
Concen: 43.895 ng  
RT: 12.70 min Scan# 1550  
Delta R.T. -0.09 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-COMPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 264573 |       |       |
| 141     | 92.1  | 70.4   | 105.6 |       |
| 115     | 42.5  | 35.5   | 53.3  |       |

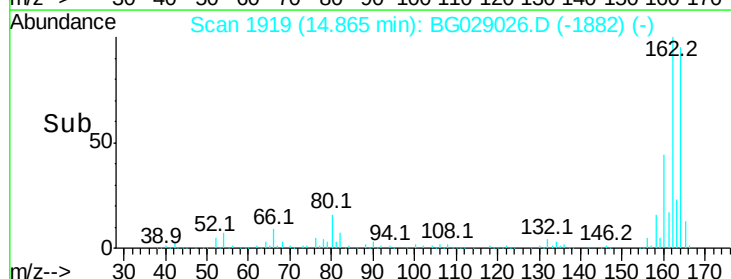
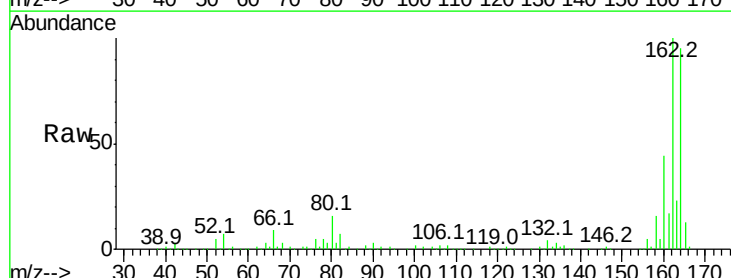
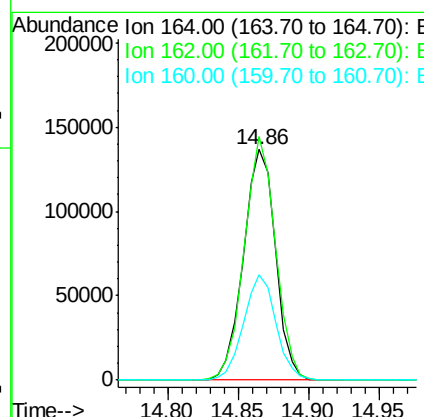
Manual Integrations  
APPROVED

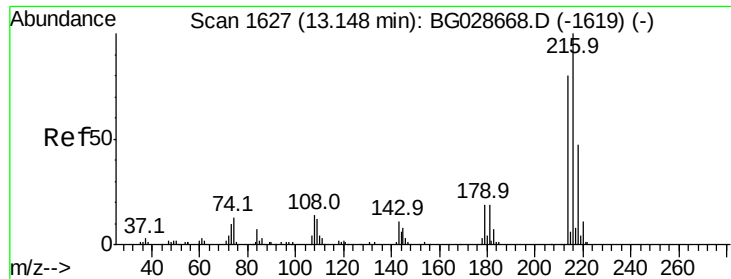
Sohil  
10/4/2017 4:58:13 PM



#38  
Acenaphthene-d10  
Concen: 40.000 ng  
RT: 14.86 min Scan# 1919  
Delta R.T. -0.08 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 217730 |       |       |
| 162     | 105.8 | 85.1   | 127.7 |       |
| 160     | 46.0  | 34.7   | 52.1  |       |





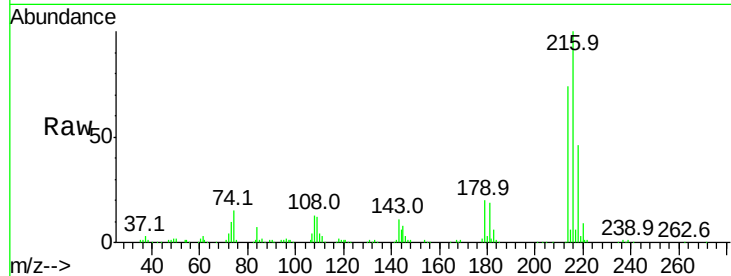
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.504 ng  
 RT: 13.07 min Scan# 1613  
 Delta R.T. -0.08 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-COMPMS

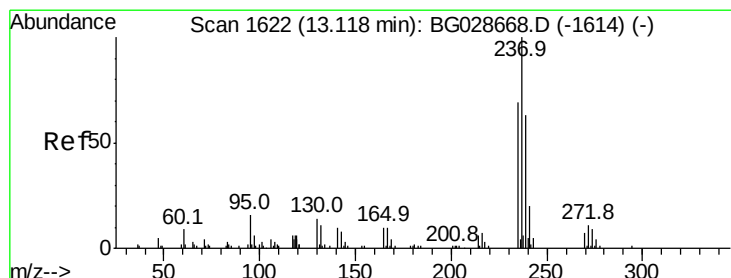
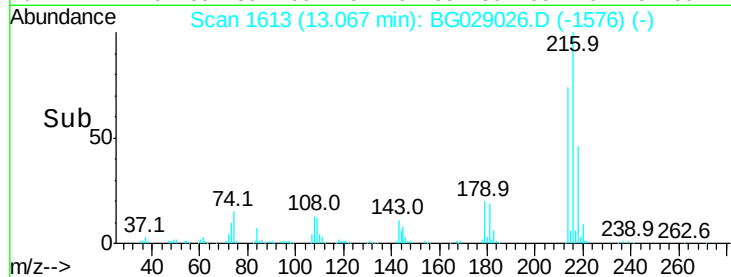
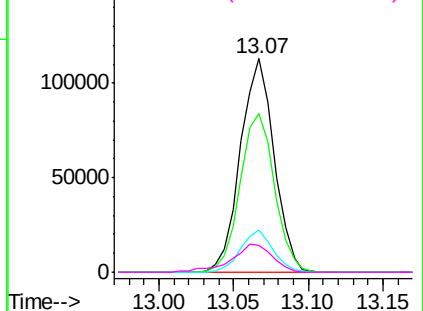
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 176826 |       |       |
| 214     | 75.6  | 64.4   | 96.6  |       |
| 179     | 18.8  | 17.4   | 26.0  |       |
| 108     | 15.8  | 15.6   | 23.4  |       |

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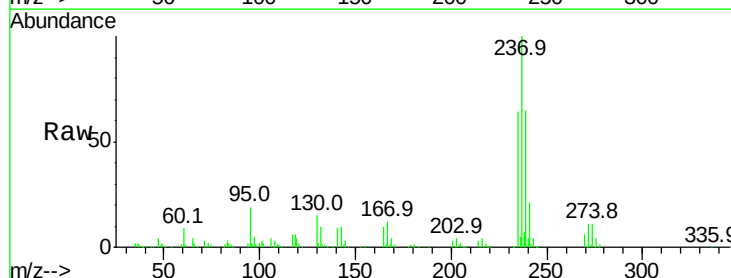


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

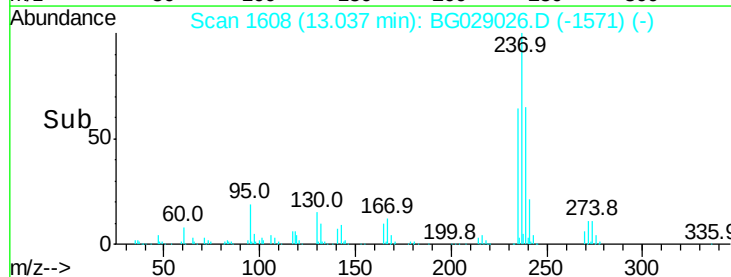
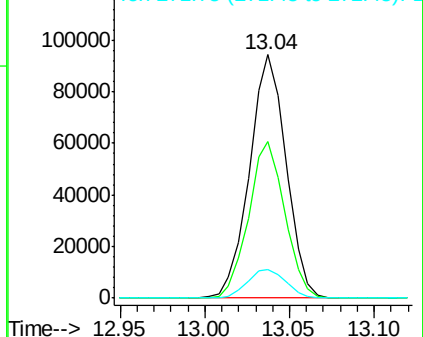


#40  
 Hexachlorocyclopentadiene  
 Concen: 89.297 ng  
 RT: 13.04 min Scan# 1608  
 Delta R.T. -0.08 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

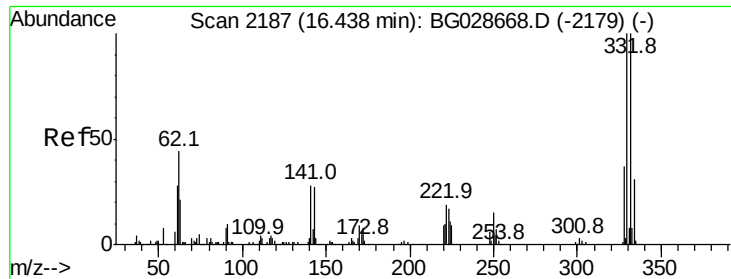
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 142368 |       |       |
| 235     | 64.2  | 39.4   | 79.4  |       |
| 272     | 11.5  | 0.0    | 32.0  |       |



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







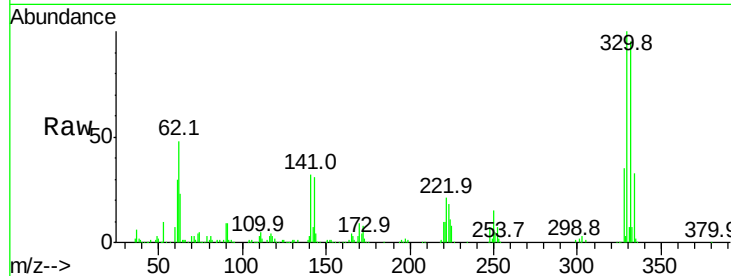
#41  
 2,4,6-Tribromophenol  
 Concen: 159.441 ng  
 RT: 16.36 min Scan# 2173  
 Delta R.T. -0.08 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-COMPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 330     | 100   | 287083 |       |       |
| 332     | 96.3  | 77.3   | 115.9 |       |
| 141     | 30.6  | 32.1   | 48.1# |       |

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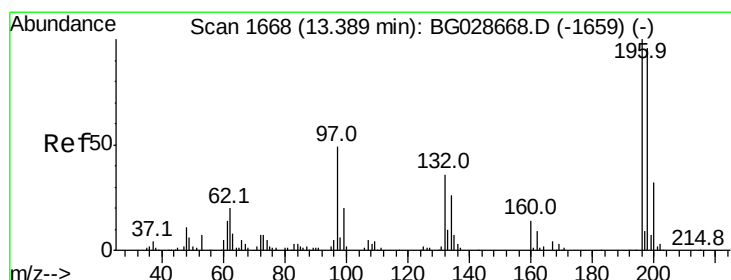
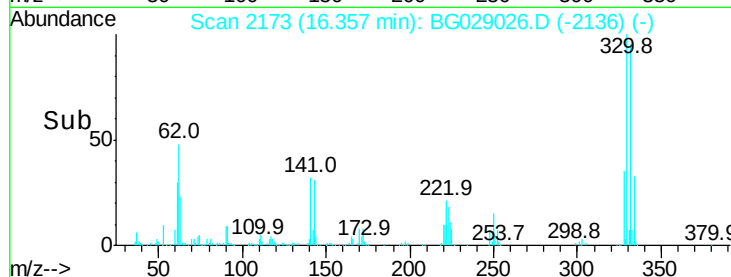
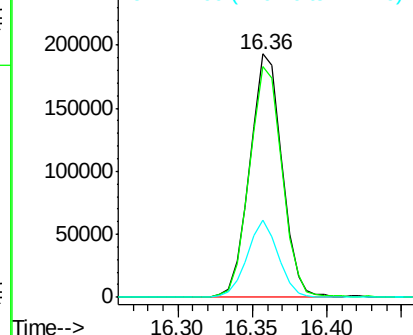


Abundance

Ion 329.80 (329.50 to 330.50): E

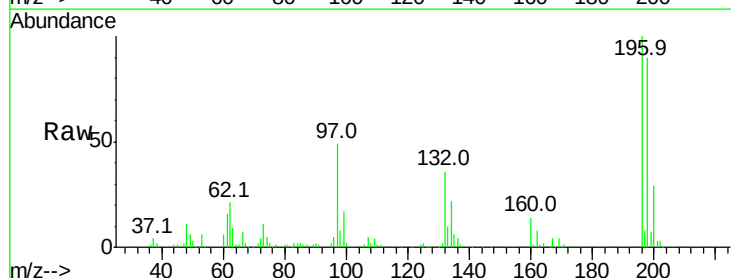
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42  
 2,4,6-Trichlorophenol  
 Concen: 41.016 ng  
 RT: 13.30 min Scan# 1653  
 Delta R.T. -0.09 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 116527 |       |       |
| 198     | 89.7  | 81.4   | 122.2 |       |
| 200     | 28.7  | 27.0   | 40.6  |       |

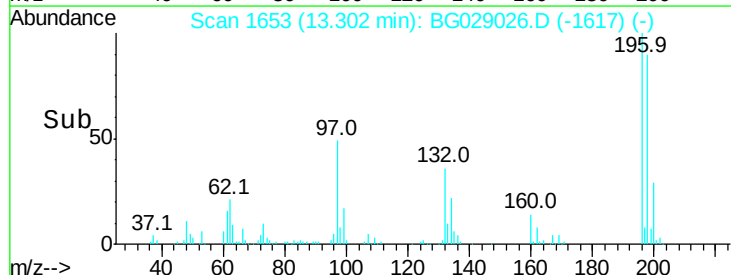
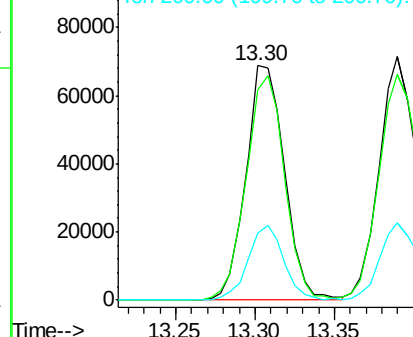


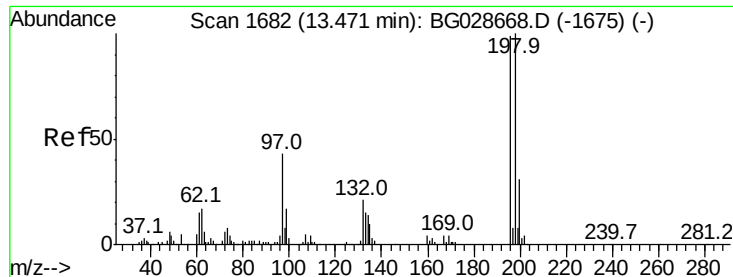
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





#43

2,4,5-Trichlorophenol

Concen: 43.927 ng

RT: 13.39 min Scan# 1668

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

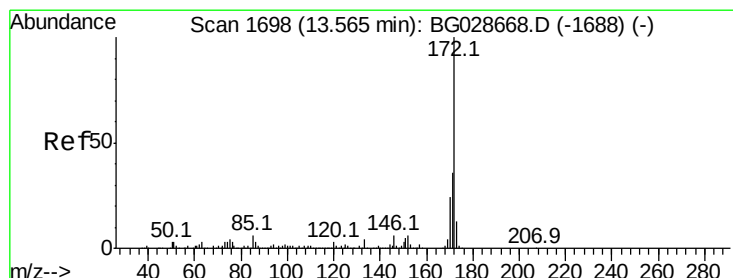
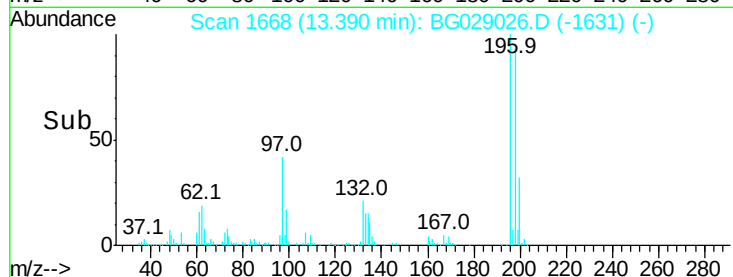
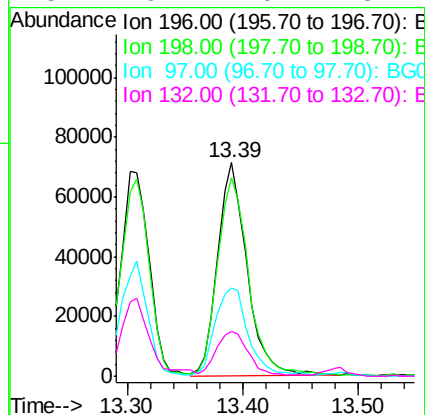
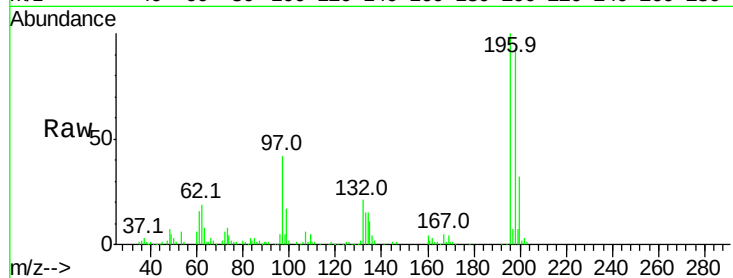
ClientSampleId :

TP-1-COMPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 125400 |       |       |
| 198     | 92.9  | 79.9   | 119.9 |       |
| 97      | 41.5  | 45.4   | 68.0  |       |
| 132     | 20.7  | 20.7   | 31.1  |       |

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#44

2-Fluorobiphenyl

Concen: 92.003 ng

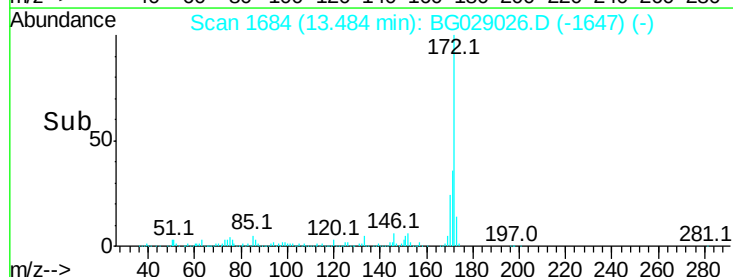
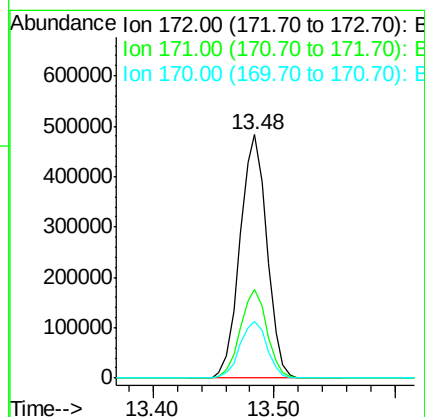
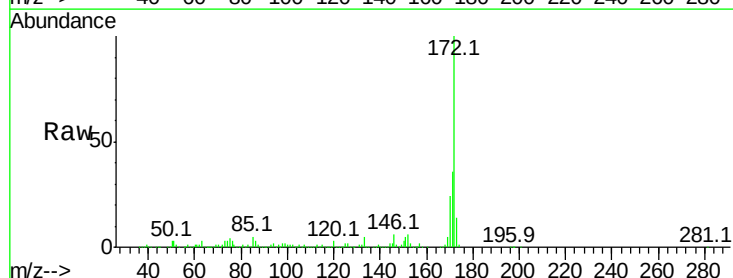
RT: 13.48 min Scan# 1684

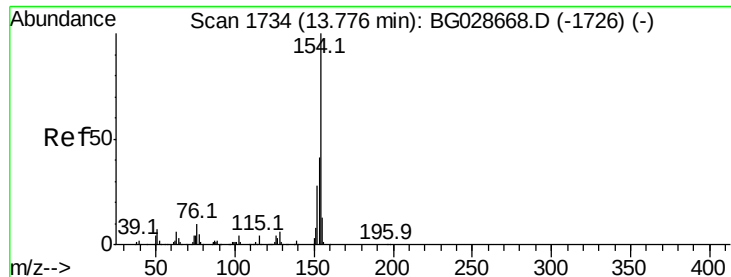
Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 751146 |       |       |
| 171     | 36.3  | 32.2   | 48.2  |       |
| 170     | 23.5  | 21.8   | 32.6  |       |





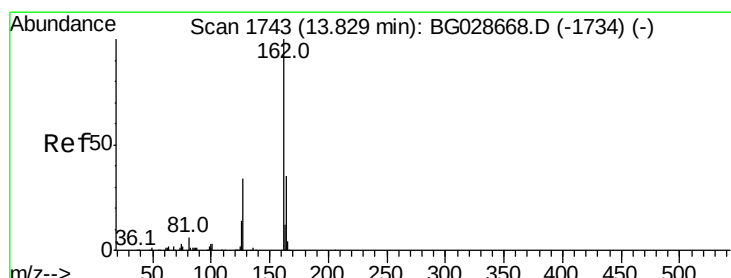
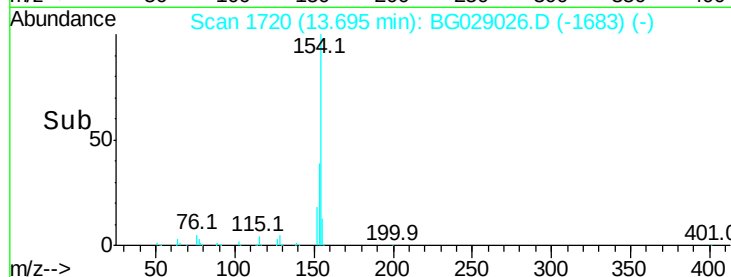
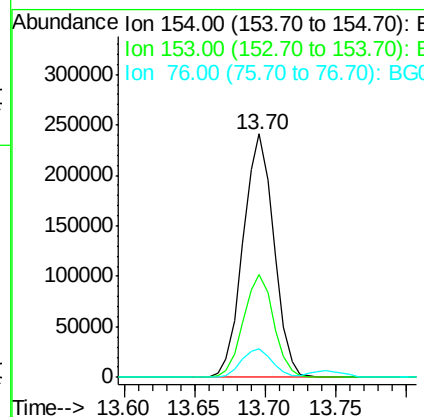
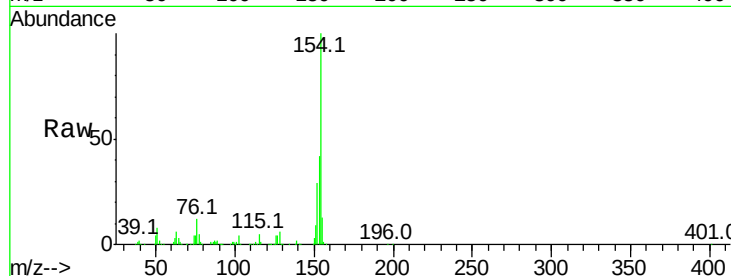
#45  
 1,1'-Biphenyl  
 Concen: 40.813 ng  
 RT: 13.70 min Scan# 1720  
 Delta R.T. -0.08 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-COMPMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 154     | 100   |      |       |       |
| 153     | 42.0  | 23.0 | 63.0  |       |
| 76      | 11.7  | 0.0  | 33.5  |       |

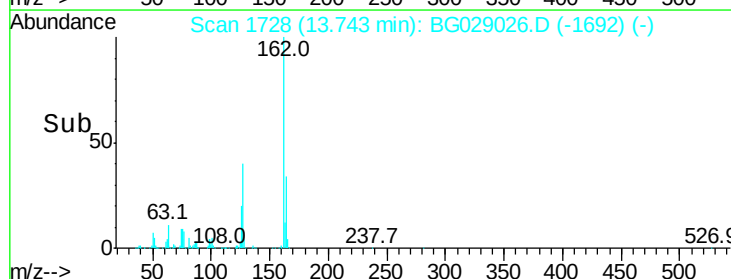
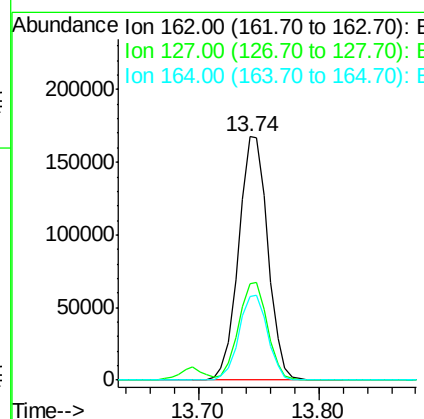
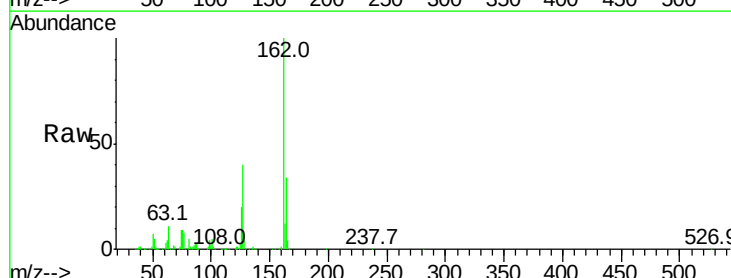
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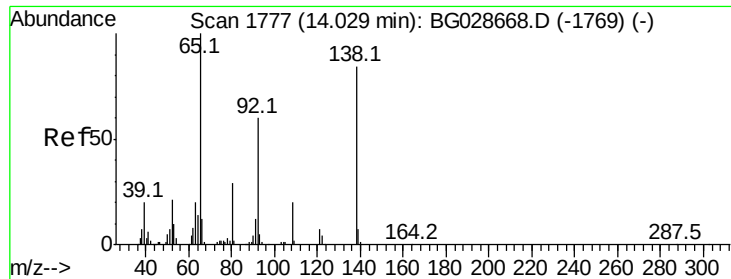
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#46  
 2-Chloronaphthalene  
 Concen: 42.856 ng  
 RT: 13.74 min Scan# 1728  
 Delta R.T. -0.09 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 162     | 100   |      |       |       |
| 127     | 39.7  | 32.2 | 48.4  |       |
| 164     | 34.4  | 27.3 | 40.9  |       |





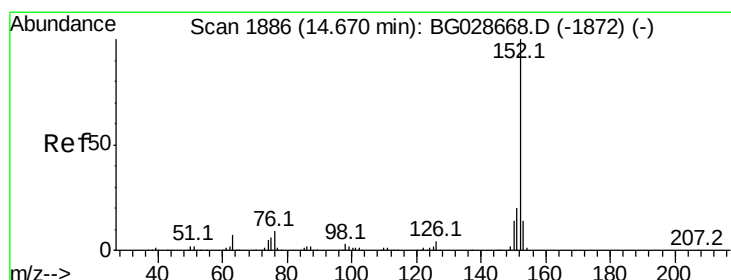
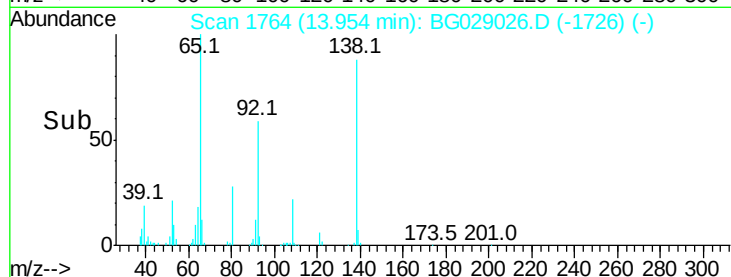
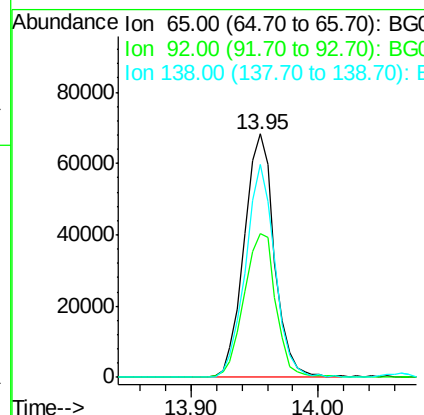
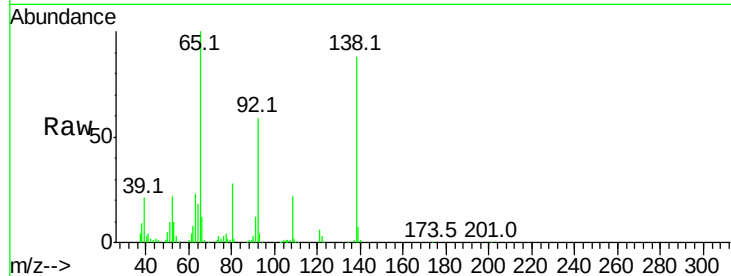
#47  
2-Nitroaniline  
Concen: 46.317 ng  
RT: 13.95 min Scan# 1764  
Delta R.T. -0.08 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-COMPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 113169 |       |       |
| 92      | 59.0  |        | 49.0  | 73.4  |
| 138     | 87.6  |        | 58.6  | 87.8  |

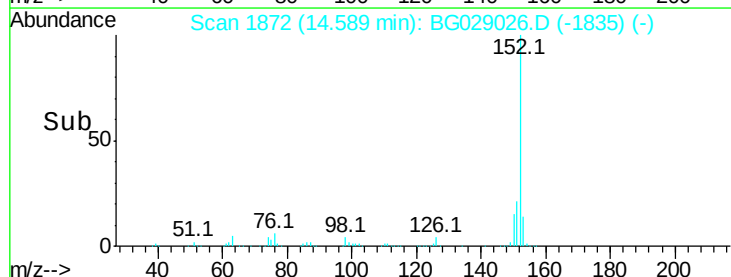
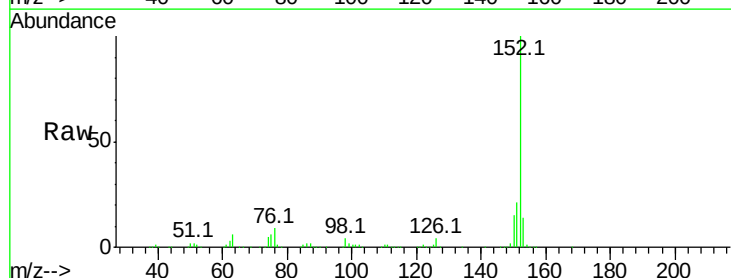
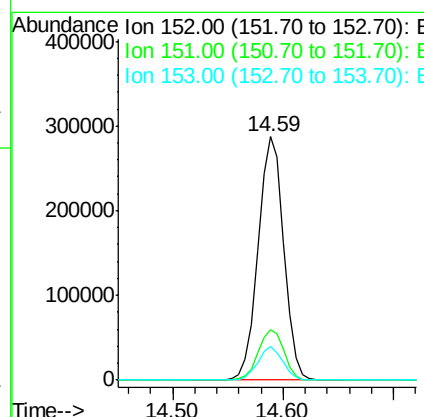
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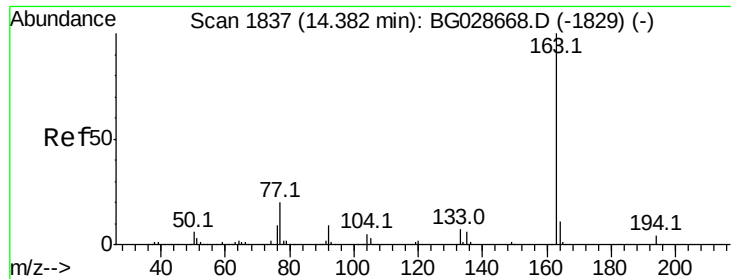
Sohil  
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#48  
Acenaphthylene  
Concen: 44.404 ng  
RT: 14.59 min Scan# 1872  
Delta R.T. -0.08 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 466392 |       |       |
| 151     | 20.9  |        | 18.2  | 27.2  |
| 153     | 13.8  |        | 11.3  | 16.9  |





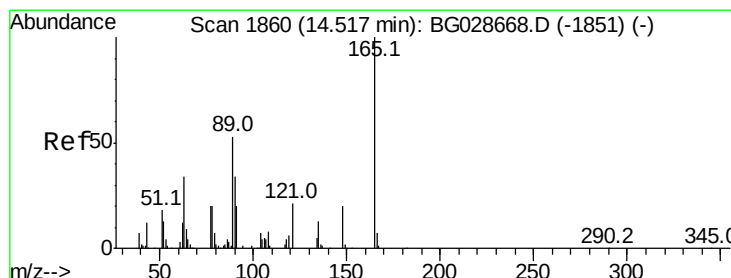
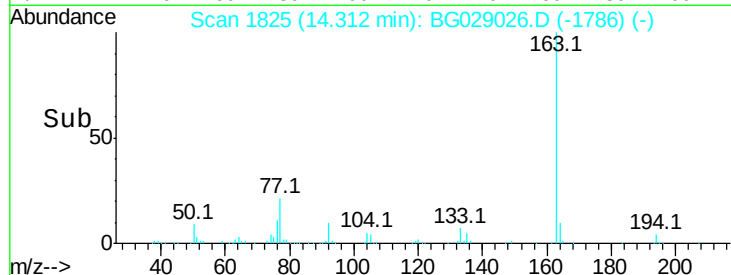
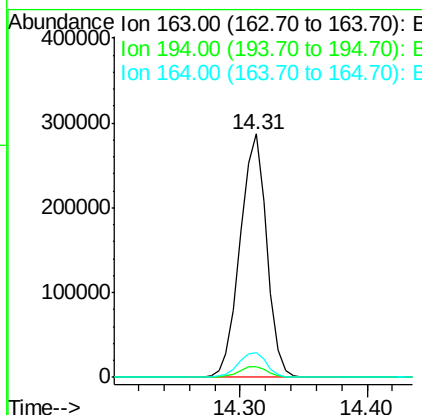
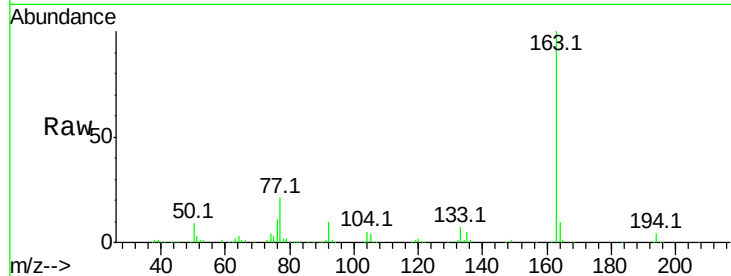
#49  
 Dimethylphthalate  
 Concen: 45.543 ng  
 RT: 14.31 min Scan# 1825  
 Delta R.T. -0.07 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-COMPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 415763 |       |       |
| 194     | 4.4   |        | 3.8   | 5.6   |
| 164     | 10.2  |        | 9.3   | 13.9  |

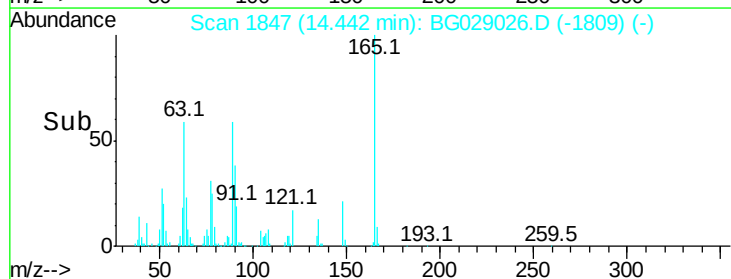
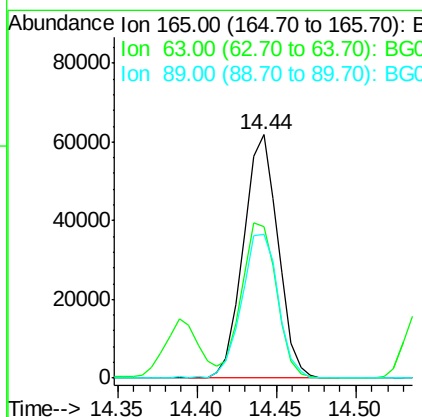
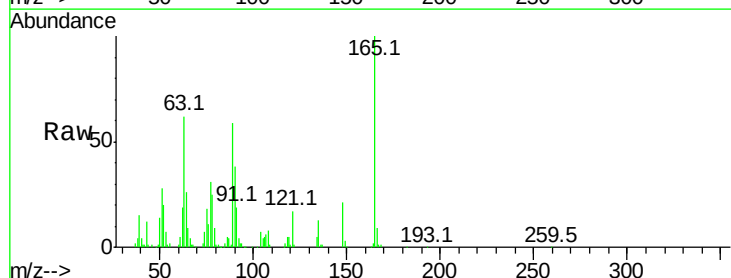
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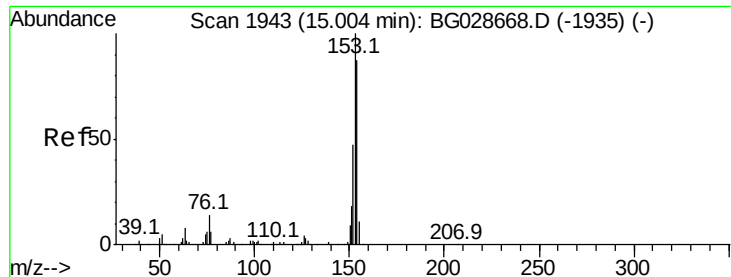
Sohil  
 10/4/2017 4:58:13 PM



#50  
 2,6-Dinitrotoluene  
 Concen: 46.054 ng  
 RT: 14.44 min Scan# 1847  
 Delta R.T. -0.08 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 93549 |       |       |
| 63      | 62.2  |       | 63.9  | 95.9# |
| 89      | 59.2  |       | 58.6  | 88.0  |





#51

Acenaphthene

Concen: 43.440 ng

RT: 14.93 min Scan# 1930

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

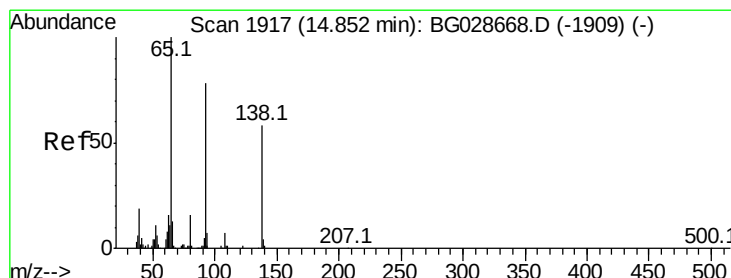
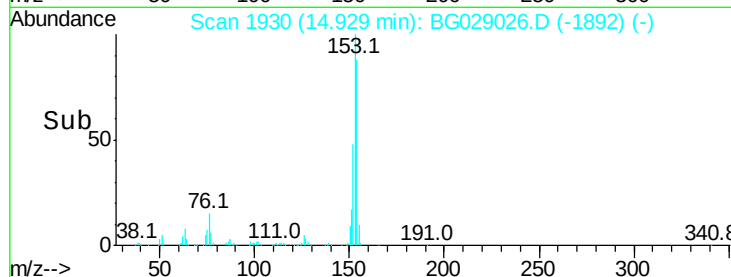
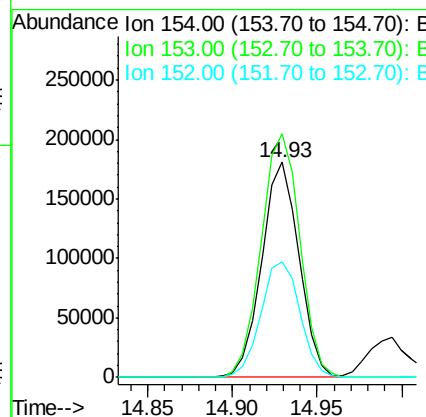
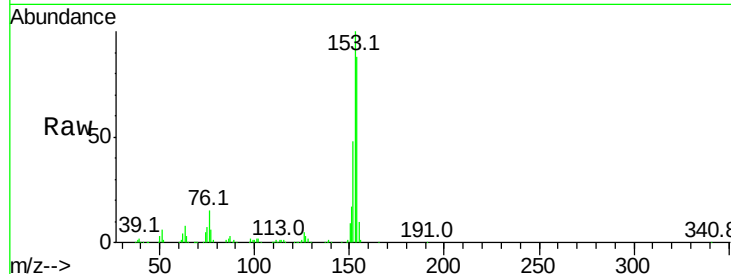
ClientSampled :

TP-1-COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 277167 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.3 | 87.8  | 131.6  |
| 152       | 53.8  | 42.2  | 63.4   |

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#52

3-Nitroaniline

Concen: 18.583 ng

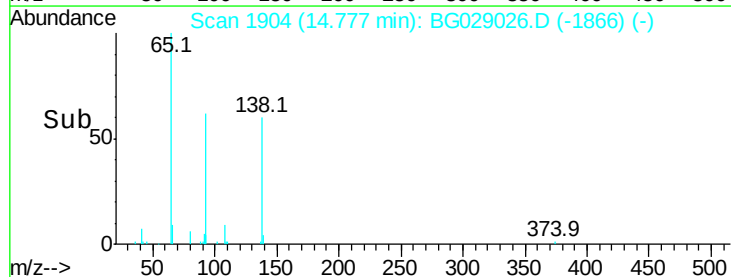
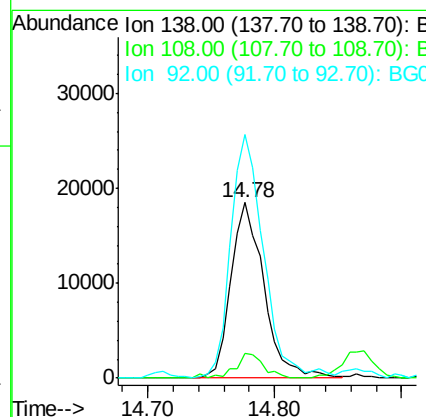
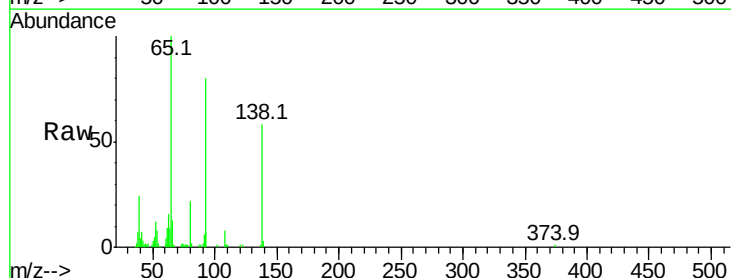
RT: 14.78 min Scan# 1904

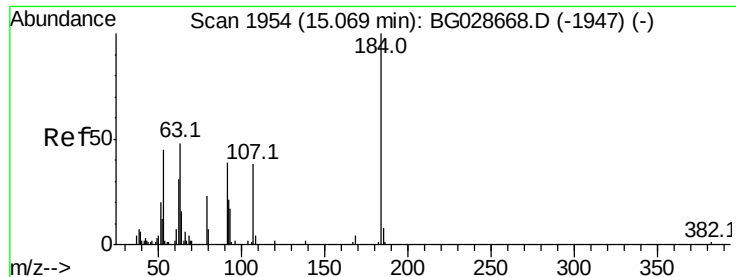
Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 33381 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 14.2  | 10.9  | 16.3  |
| 92        | 138.7 | 115.3 | 172.9 |





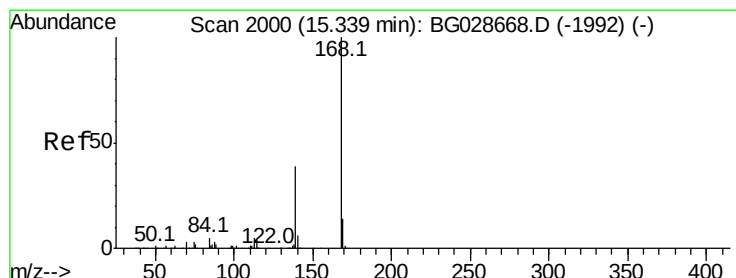
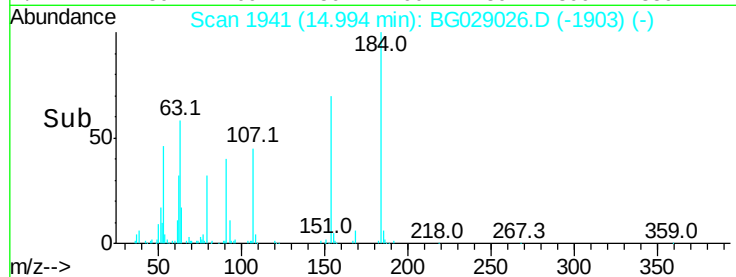
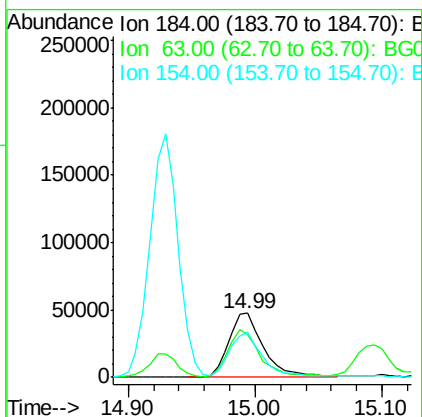
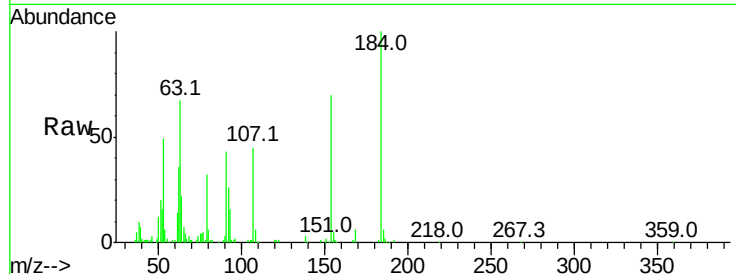
#53  
2,4-Dinitrophenol  
Concen: 92.193 ng  
RT: 14.99 min Scan# 1941  
Delta R.T. -0.08 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-COMPMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 184     | 100   |      |       |       |
| 63      | 67.2  | 52.7 | 79.1  |       |
| 154     | 70.1  | 57.3 | 85.9  |       |

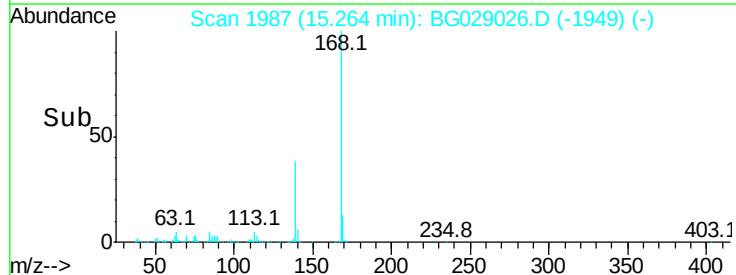
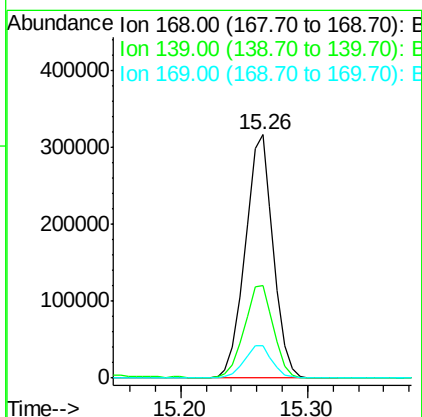
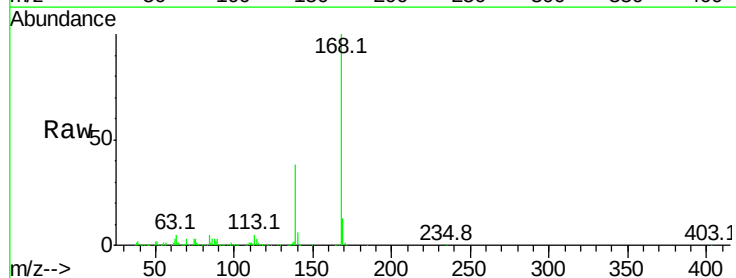
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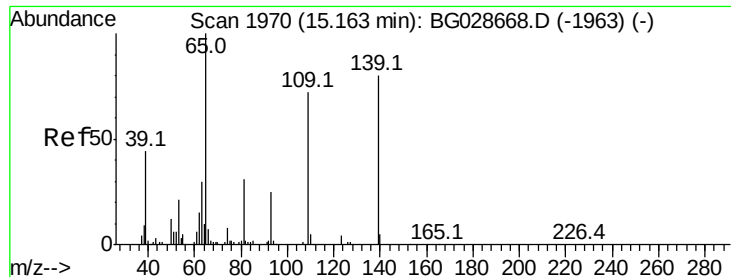
Sohil  
10/4/2017 4:58:13 PM



#54  
Dibenzofuran  
Concen: 47.399 ng  
RT: 15.26 min Scan# 1987  
Delta R.T. -0.08 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 38.2  | 35.3 | 52.9  |       |
| 169     | 13.1  | 11.5 | 17.3  |       |





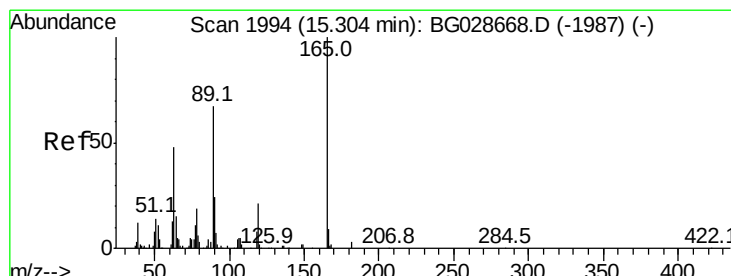
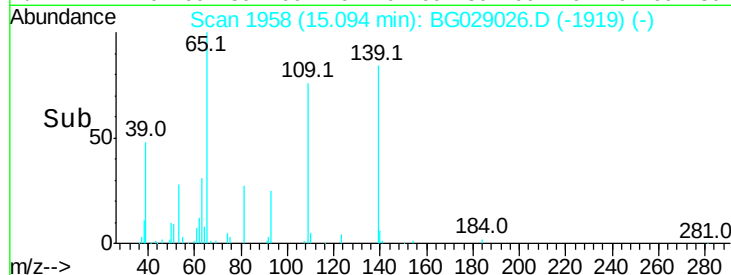
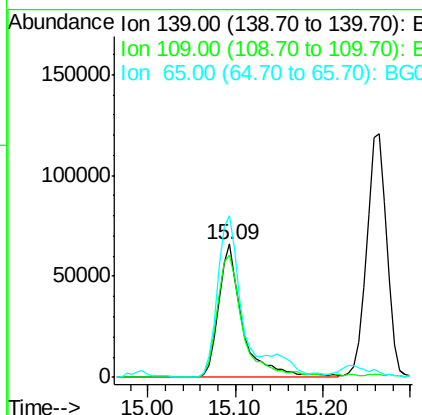
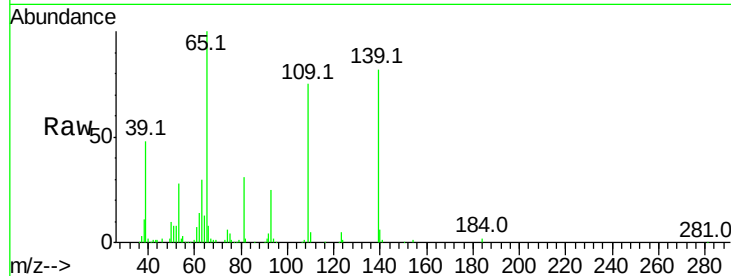
#55  
4-Nitrophenol  
Concen: 95.732 ng  
RT: 15.09 min Scan# 1958  
Delta R.T. -0.07 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-COMPMS

| Tot Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 139     | 100   |       |        |       |
| 109     | 91.5  | 101.2 | 141.2# |       |
| 65      | 121.3 | 135.3 | 175.3# |       |

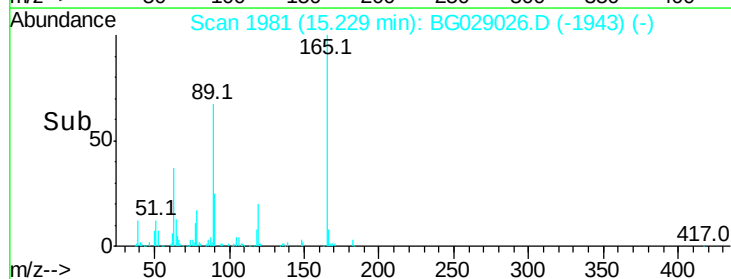
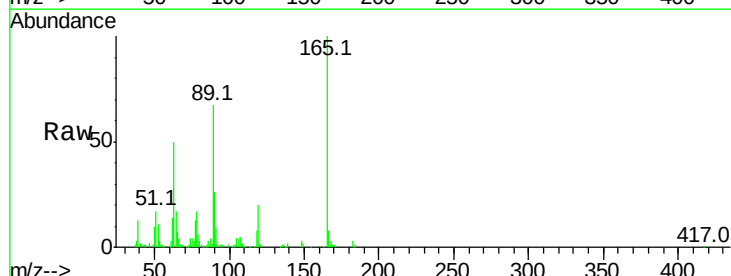
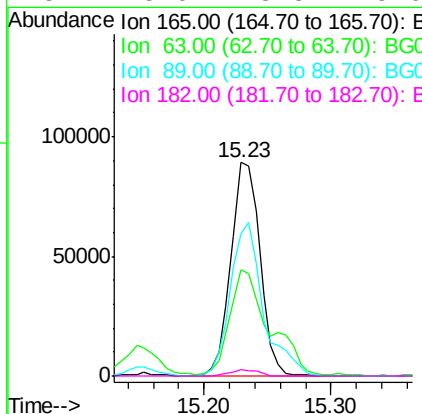
Manual Integrations  
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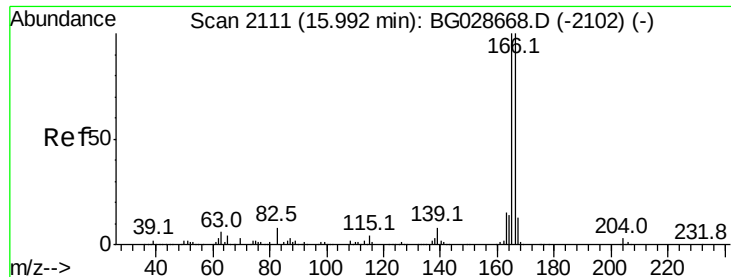


#56  
2,4-Dinitrotoluene  
Concen: 49.497 ng  
RT: 15.23 min Scan# 1981  
Delta R.T. -0.08 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Resp | Lower  | Upper |
|---------|-------|------|--------|-------|
| 165     | 100   |      |        |       |
| 63      | 49.7  | 44.0 | 66.0   |       |
| 89      | 66.5  | 67.3 | 100.9# |       |
| 182     | 3.0   | 3.8  | 5.6#   |       |







#57

Fluorene

Concen: 45.657 ng

RT: 15.91 min Scan# 2097

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

ClientSampleId :

TP-1-COMPMS

Tot Ion:166 Resp: 414744

Ion Ratio Lower Upper

166 100

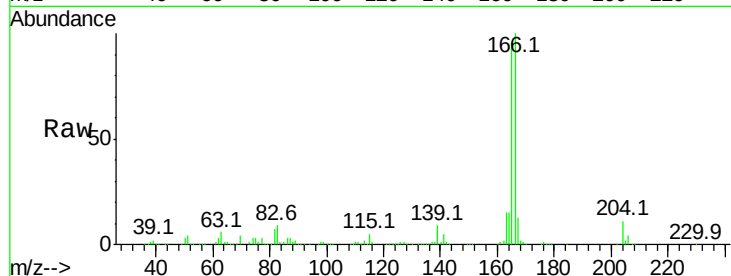
165 95.9 78.6 117.8

167 13.1 11.6 17.4

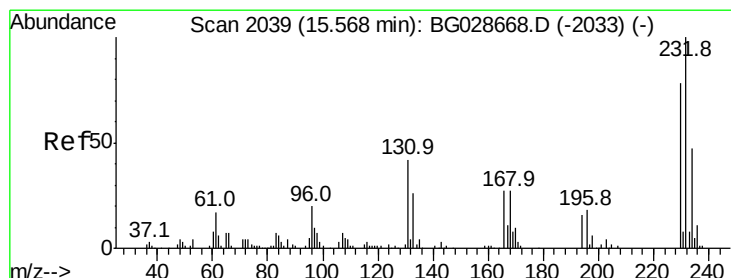
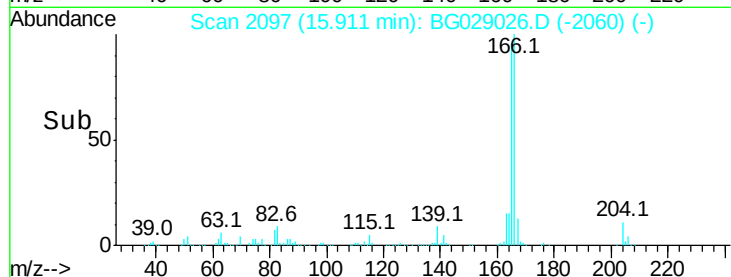
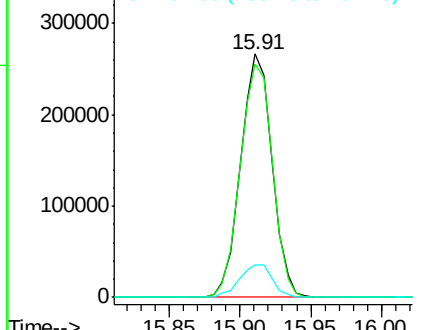
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Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.941 ng

RT: 15.49 min Scan# 2026

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Tgt Ion:232 Resp: 130683

Ion Ratio Lower Upper

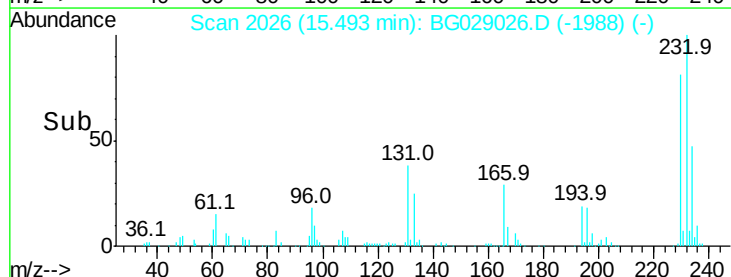
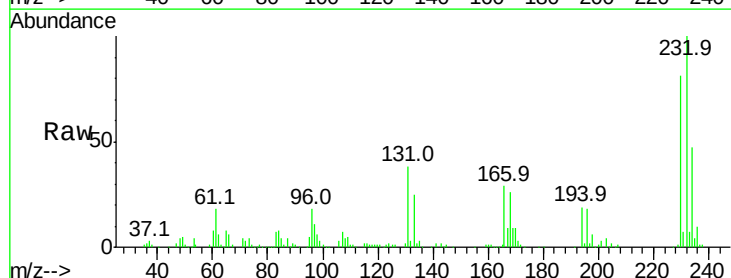
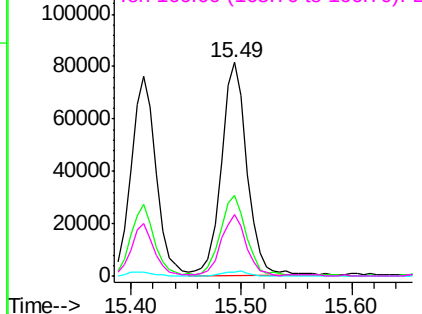
232 100

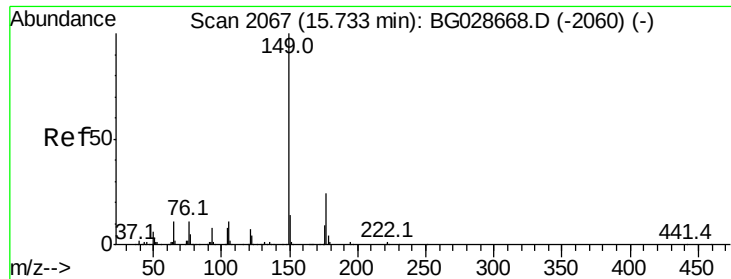
131 38.1 34.9 52.3

130 2.1 2.3 3.5#

166 27.6 24.2 36.4

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





#59

Diethylphthalate

Concen: 46.750 ng

RT: 15.66 min Scan# 2055

Delta R.T. -0.07 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

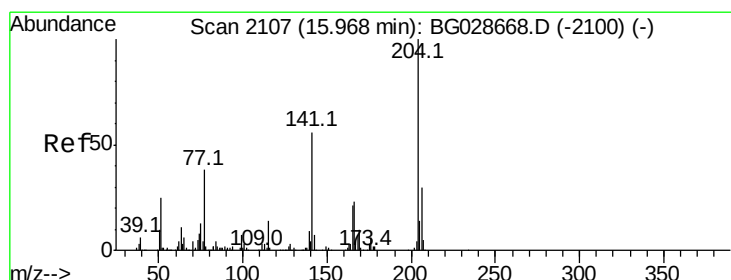
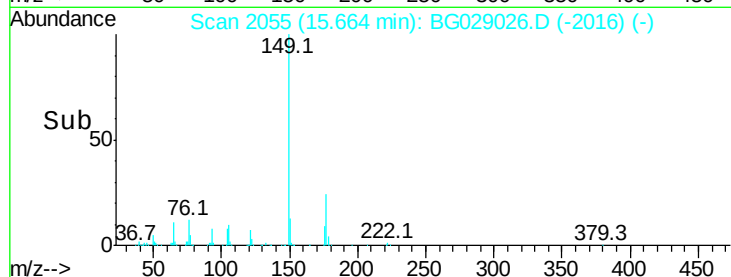
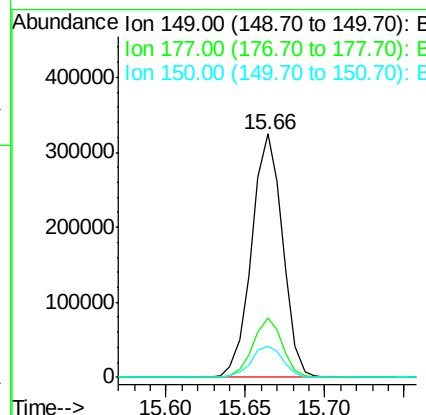
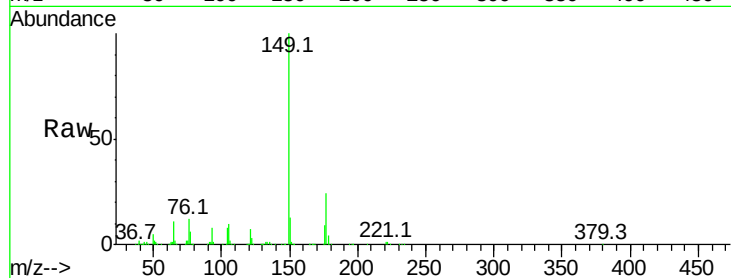
ClientSampleId :

TP-1-COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 438581 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 24.1  | 20.1  | 30.1   |
| 150       | 12.6  | 10.2  | 15.2   |

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#60

4-Chlorophenyl-phenylether

Concen: 44.809 ng

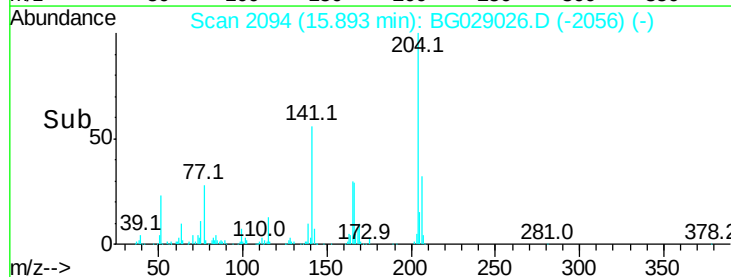
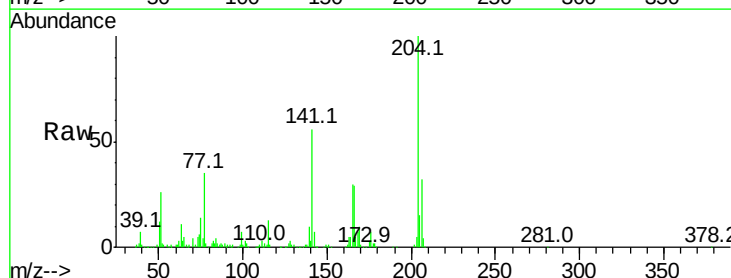
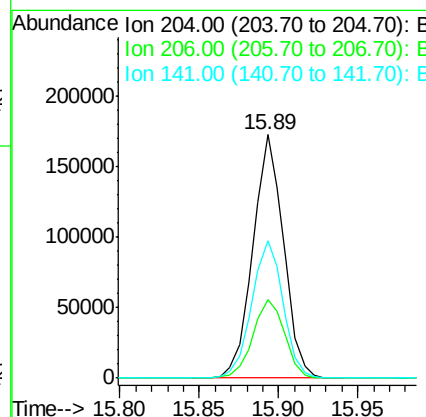
RT: 15.89 min Scan# 2094

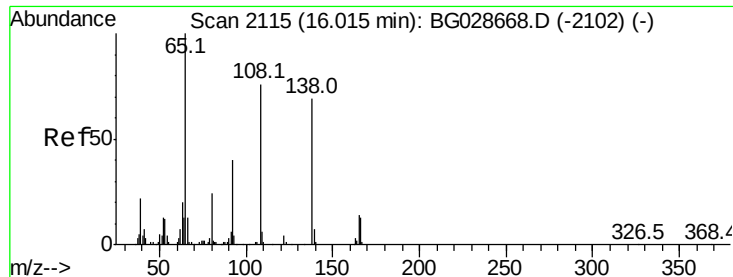
Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 204   | Resp: | 231779 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.0  | 30.1  | 45.1   |
| 141       | 56.4  | 50.6  | 76.0   |





#61

4-Nitroaniline

Concen: 48.551 ng

RT: 15.95 min Scan# 2103

Delta R.T. -0.07 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

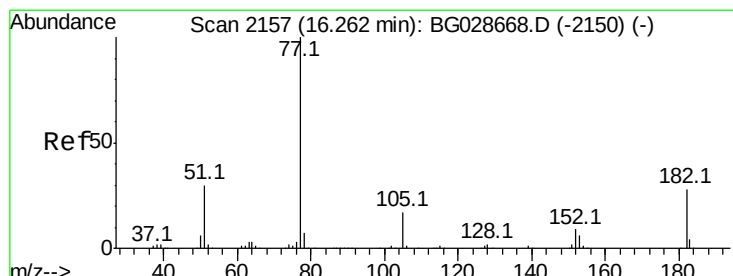
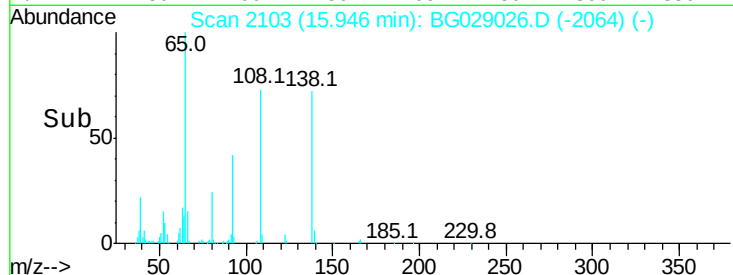
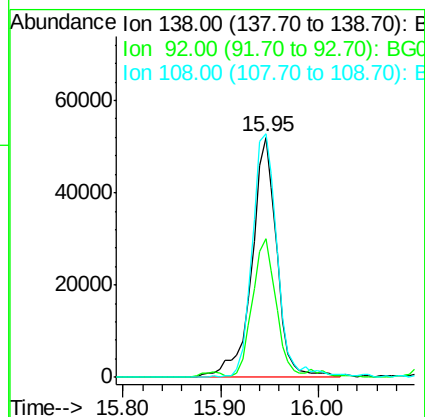
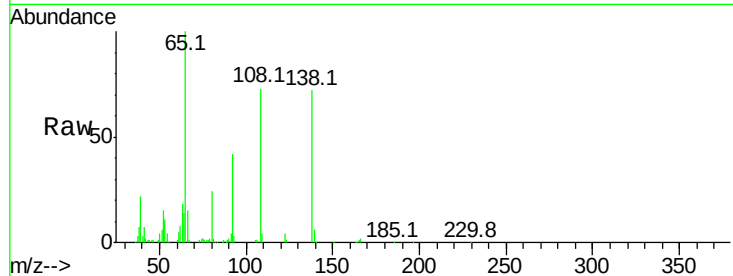
ClientSampleId :

TP-1-COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 57.9  | 44.2  | 84.2  |
| 108     | 101.3 | 104.8 | 144.8 |

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#62

Azobenzene

Concen: 51.006 ng

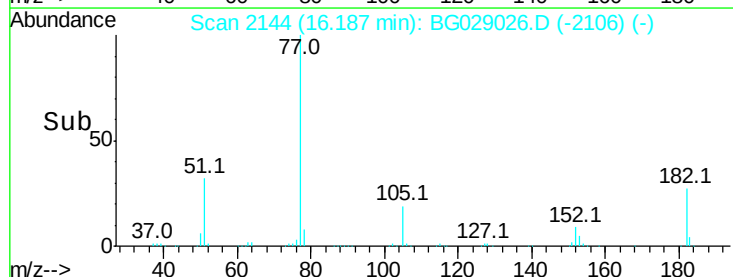
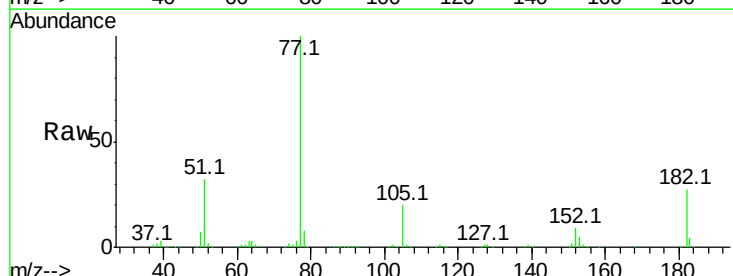
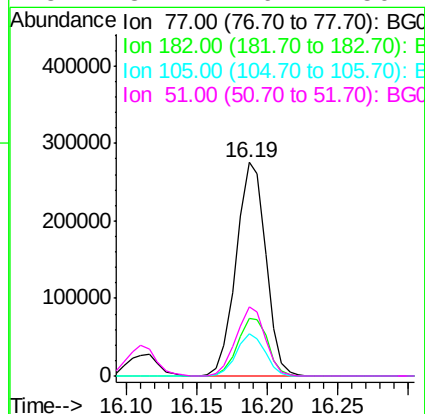
RT: 16.19 min Scan# 2144

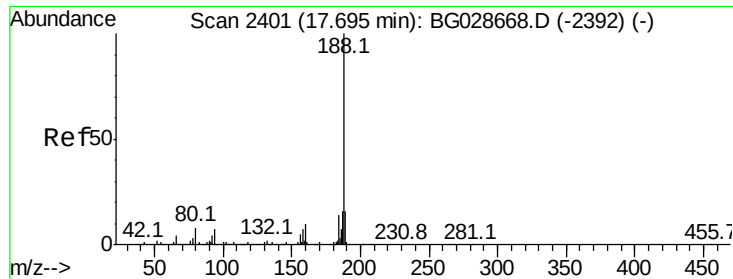
Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 27.1  | 4.7   | 44.7  |
| 105     | 19.5  | 0.0   | 36.3  |
| 51      | 32.1  | 16.4  | 56.4  |





#63

Phenanthrene-d10

Concen: 40.000 ng

RT: 17.61 min Scan# 2387

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

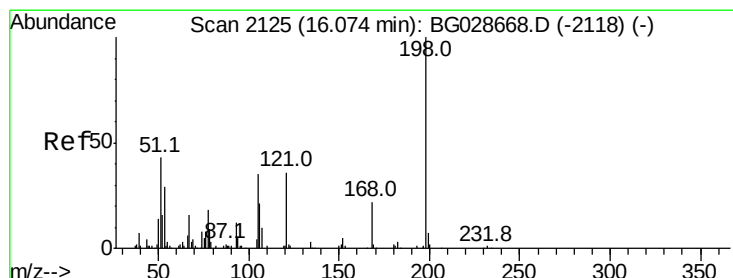
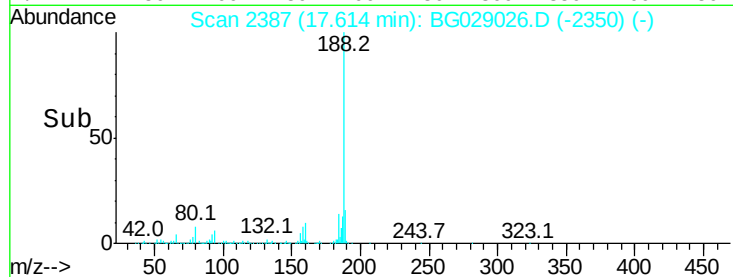
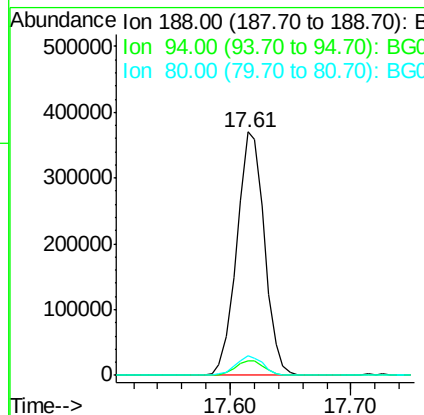
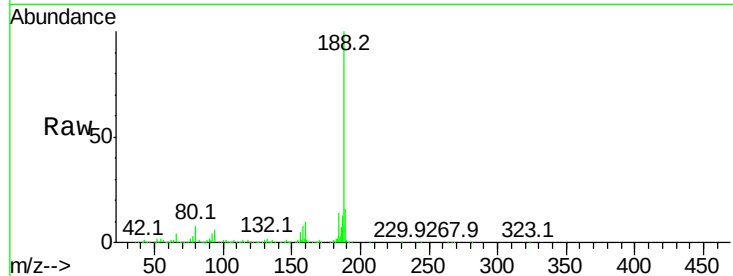
ClientSampleId :

TP-1-COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 589514 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 6.2   | 5.8   | 8.8    |
| 80        | 8.1   | 7.5   | 11.3   |

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.837 ng

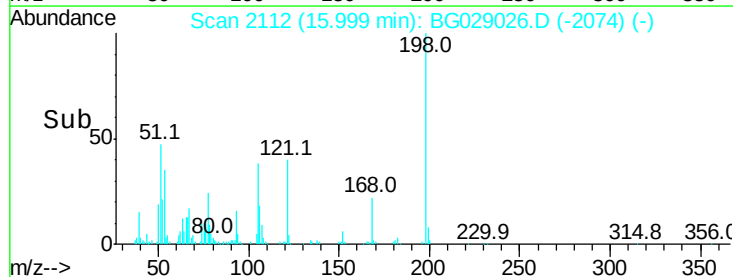
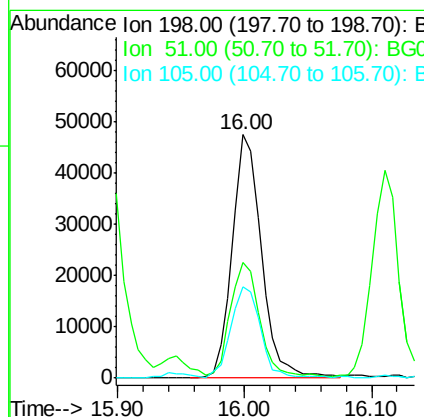
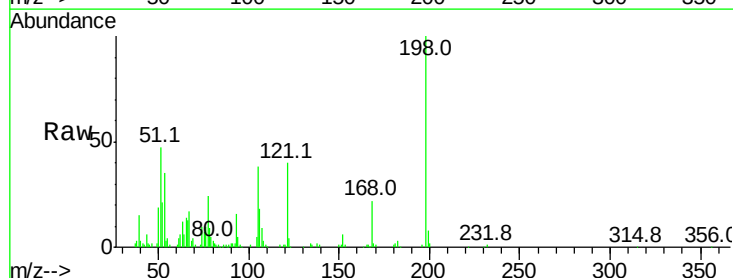
RT: 16.00 min Scan# 2112

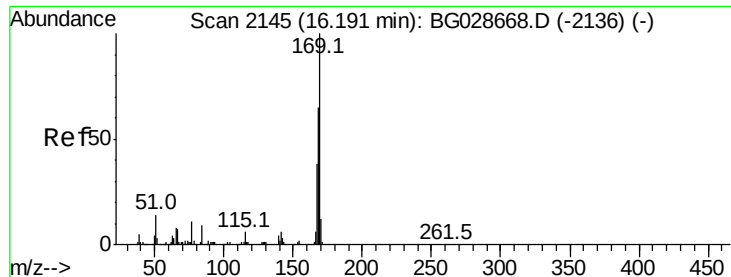
Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 75769 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 47.5  | 22.6  | 62.6  |
| 105       | 37.5  | 14.4  | 54.4  |





#65

n-Nitrosodiphenylamine

Concen: 42.815 ng

RT: 16.11 min Scan# 2131

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

ClientSampleId :

TP-1-COMPMS

Tot Ion:169 Resp: 361775

Ion Ratio Lower Upper

169 100

168 71.9 55.7 83.5

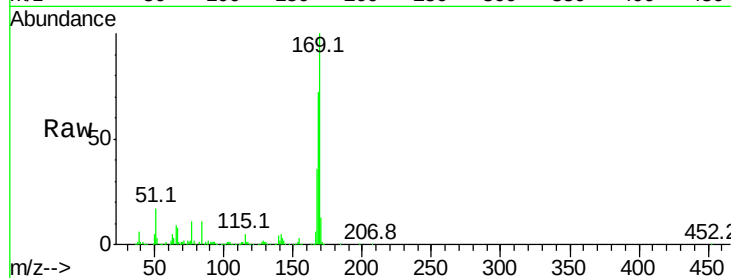
167 36.0 29.8 44.6

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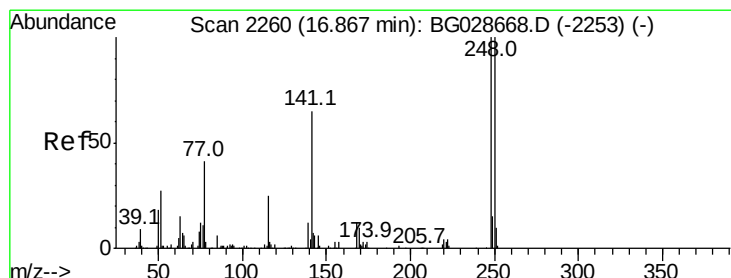
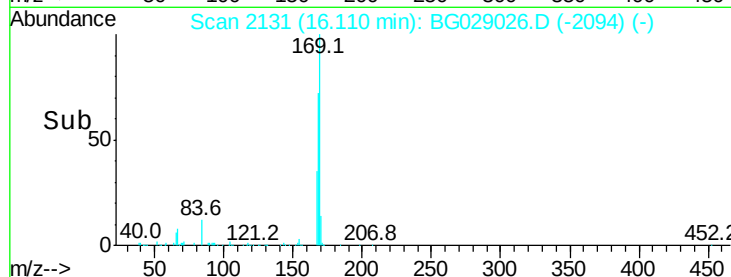
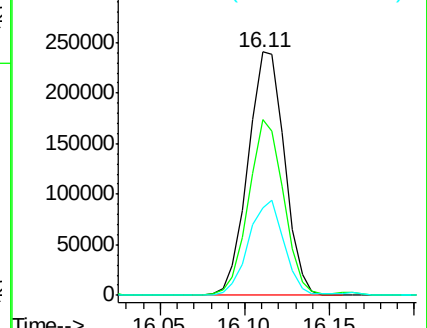
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.693 ng

RT: 16.79 min Scan# 2247

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

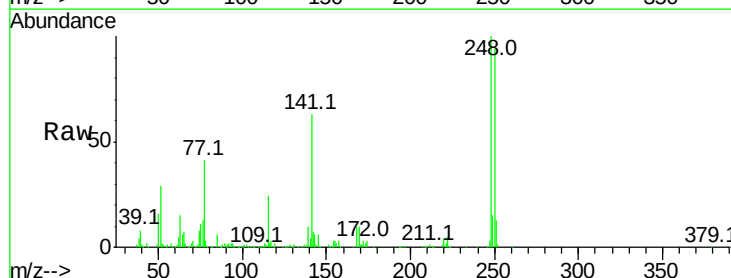
Tgt Ion:248 Resp: 165716

Ion Ratio Lower Upper

248 100

250 94.5 75.0 112.6

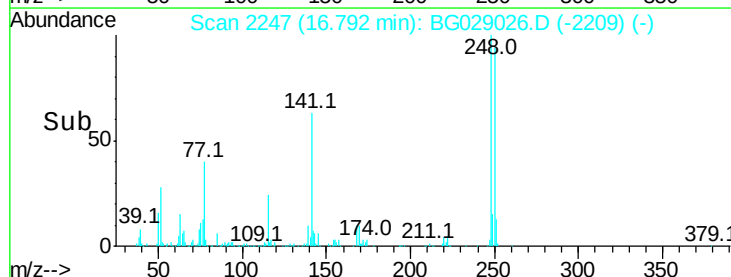
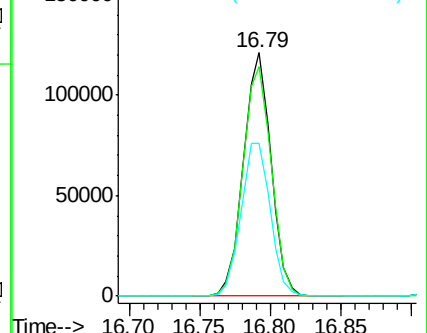
141 63.0 55.2 82.8

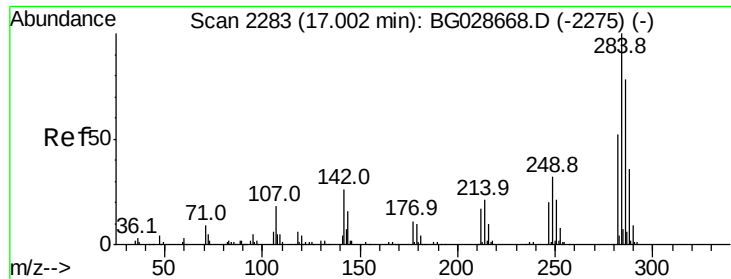


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





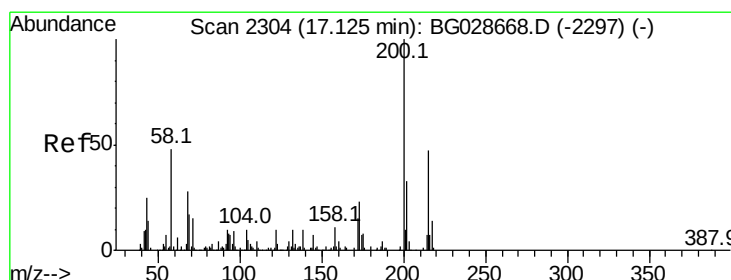
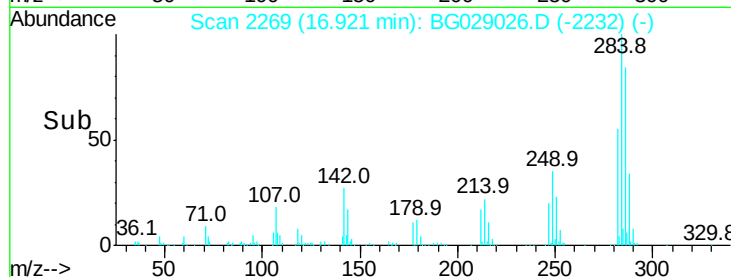
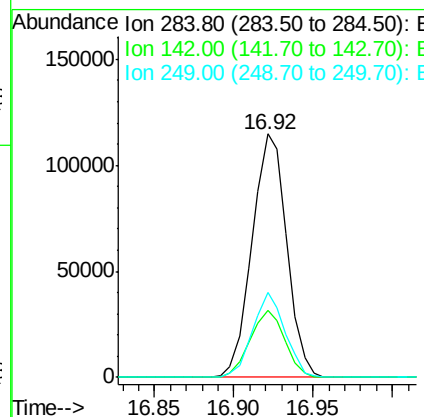
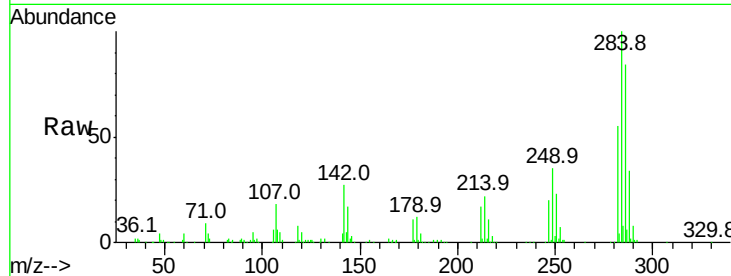
#67  
Hexachlorobenzene  
Concen: 40.429 ng  
RT: 16.92 min Scan# 2269  
Delta R.T. -0.08 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-COMPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 284     | 100   | 174518 |       |       |
| 142     | 27.3  | 29.9   | 44.9# |       |
| 249     | 34.9  | 29.2   | 43.8  |       |

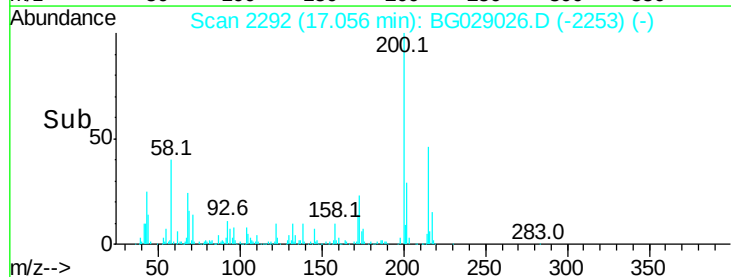
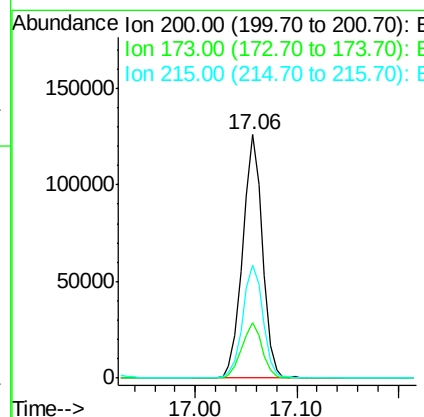
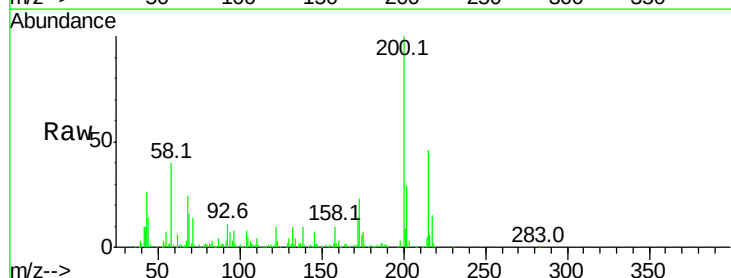
Manual Integrations  
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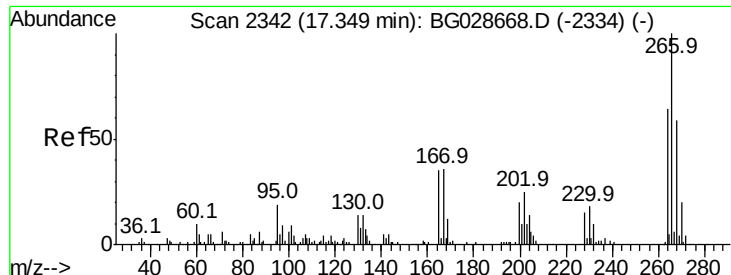
Sohil  
10/4/2017 4:58:13 PM



#68  
Atrazine  
Concen: 46.951 ng  
RT: 17.06 min Scan# 2292  
Delta R.T. -0.07 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 200     | 100   | 170339 |       |       |
| 173     | 22.8  | 3.0    | 43.0  |       |
| 215     | 46.3  | 28.4   | 68.4  |       |





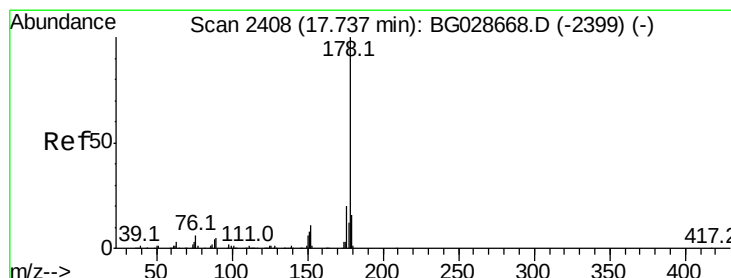
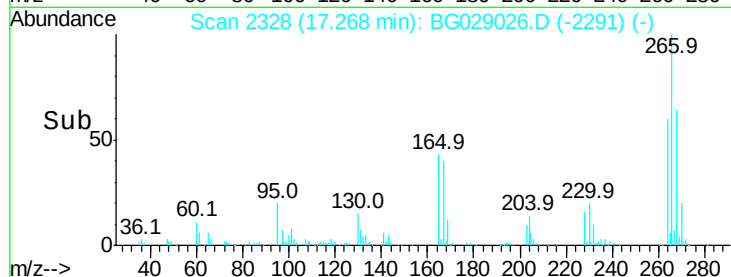
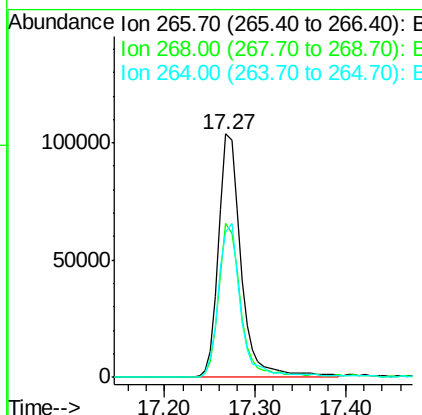
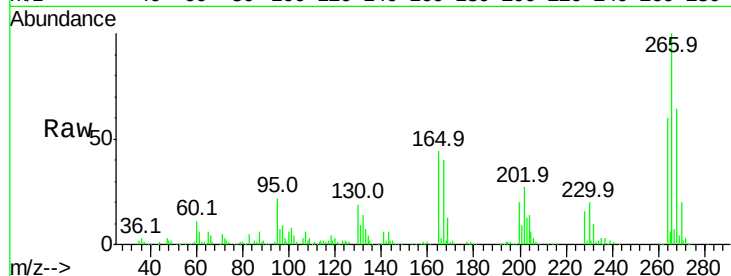
#69  
 Pentachlorophenol  
 Concen: 92.339 ng  
 RT: 17.27 min Scan# 2328  
 Delta R.T. -0.08 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-COMPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 180094 |       |       |
| 268     | 63.5  | 48.6   | 72.8  |       |
| 264     | 59.5  | 50.1   | 75.1  |       |

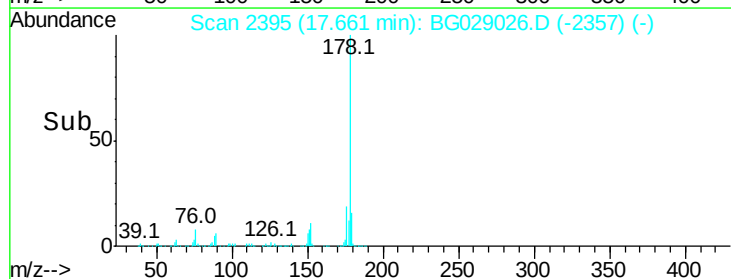
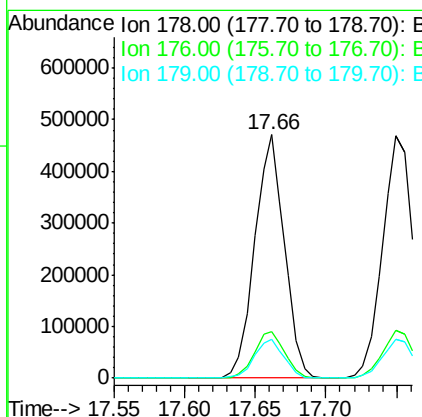
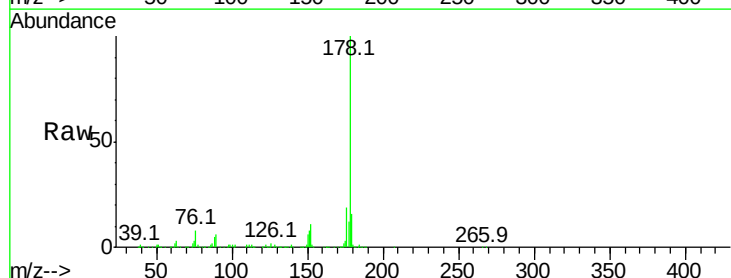
Manual Integrations  
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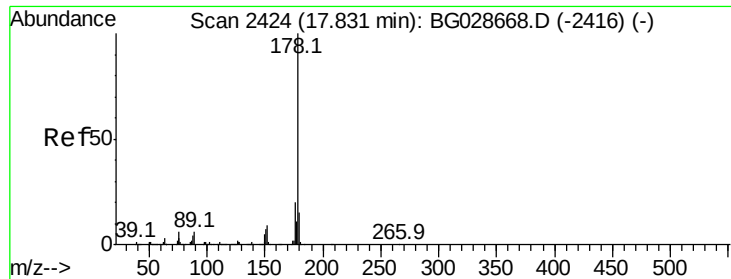
Sohil  
 10/4/2017 4:58:13 PM



#70  
 Phenanthrene  
 Concen: 46.012 ng  
 RT: 17.66 min Scan# 2395  
 Delta R.T. -0.08 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 693551 |       |       |
| 176     | 18.9  | 17.7   | 26.5  |       |
| 179     | 16.2  | 15.0   | 22.6  |       |





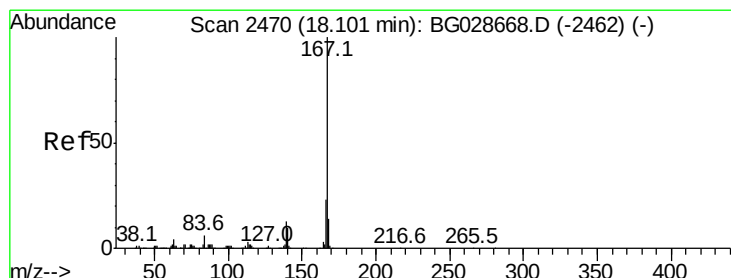
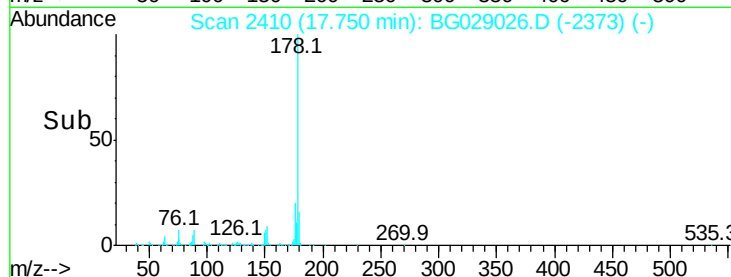
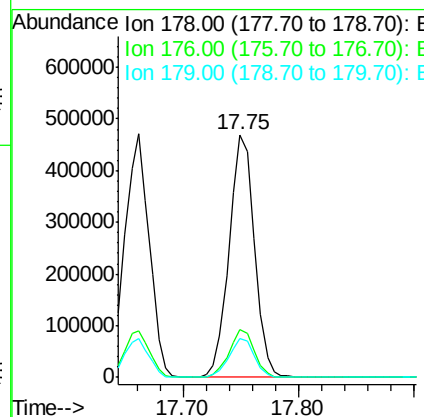
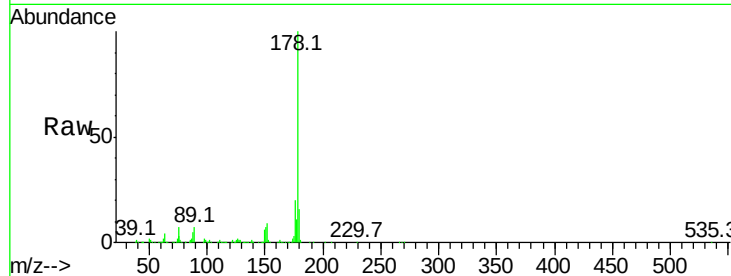
#71  
 Anthracene  
 Concen: 46.735 ng  
 RT: 17.75 min Scan# 2410  
 Delta R.T. -0.08 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 16.4  | 24.6  |
| 179     | 15.9  | 13.8  | 20.8  |

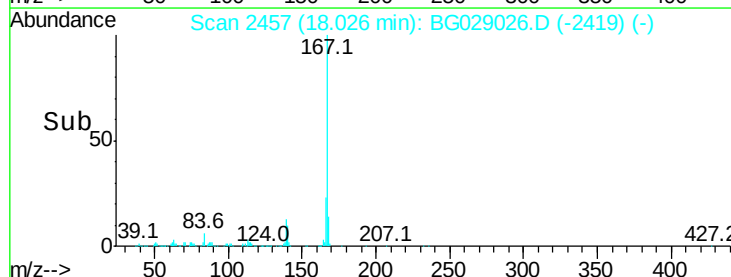
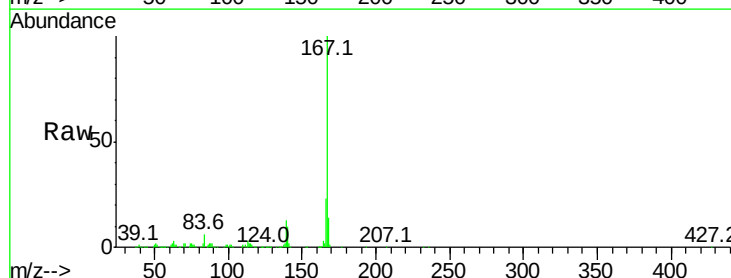
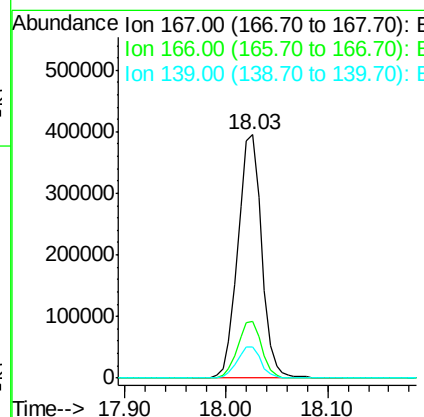
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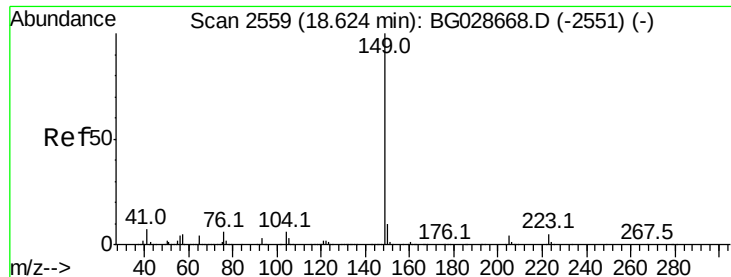


#72  
 Carbazole  
 Concen: 46.956 ng  
 RT: 18.03 min Scan# 2457  
 Delta R.T. -0.08 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 23.1  | 20.2  | 30.2  |
| 139     | 12.8  | 12.8  | 19.2  |







#73

Di-n-butylphthalate

Concen: 46.080 ng

RT: 18.55 min Scan# 2546

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

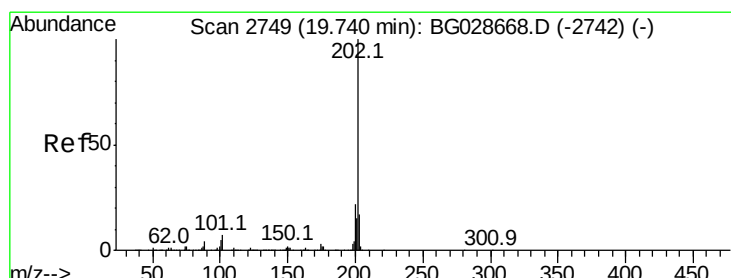
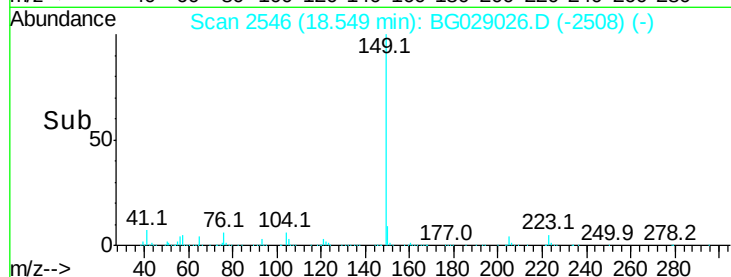
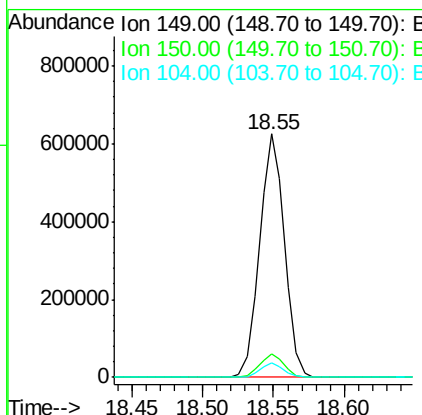
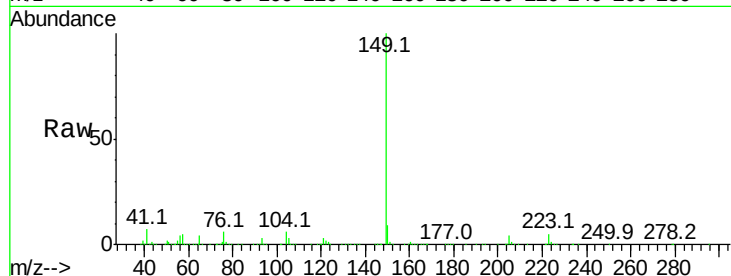
ClientSampleId :

TP-1-COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 774832 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 150       | 9.4   | 9.1   | 13.7   |
| 104       | 5.8   | 6.7   | 10.1   |

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#74

Fluoranthene

Concen: 48.774 ng

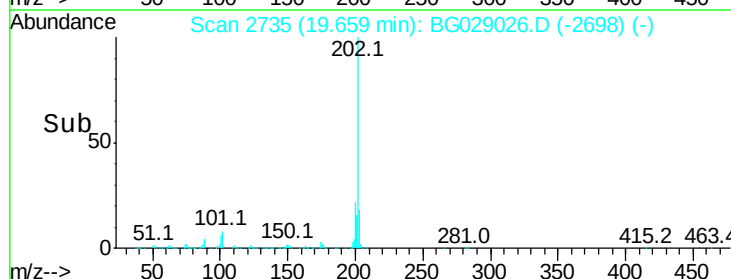
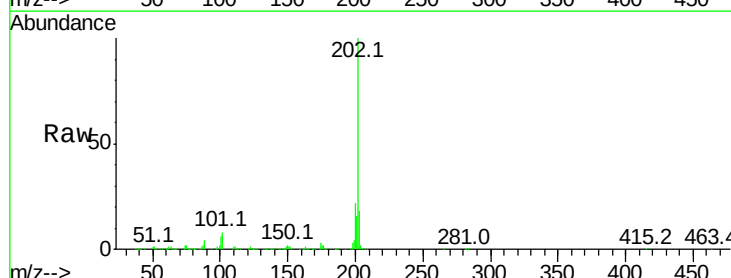
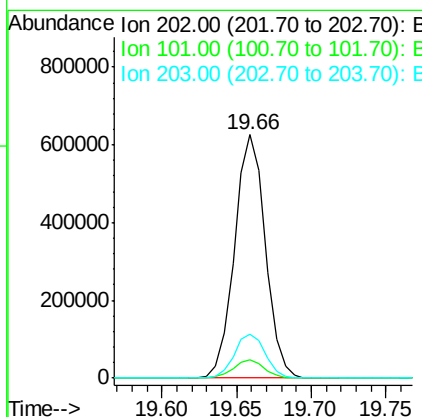
RT: 19.66 min Scan# 2735

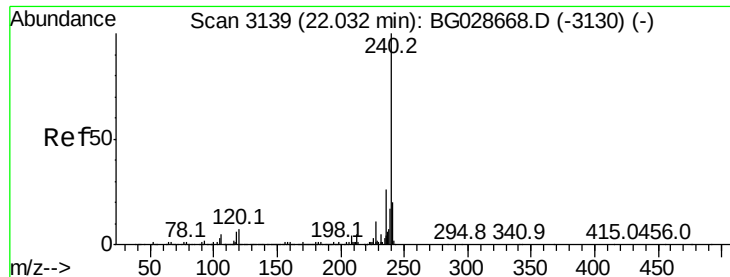
Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 897664 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 101       | 7.7   | 0.0   | 30.1   |
| 203       | 18.1  | 1.3   | 41.3   |





#75

Chrysene-d12

Concen: 40.000 ng

RT: 21.93 min Scan# 3121

Delta R.T. -0.10 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

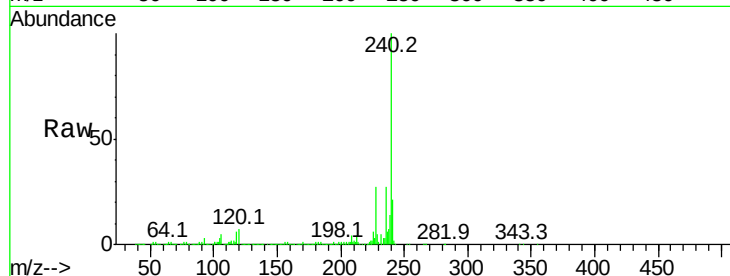
ClientSampled :

TP-1-COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 6.7   | 5.7   | 8.5   |
| 236     | 26.8  | 22.2  | 33.4  |

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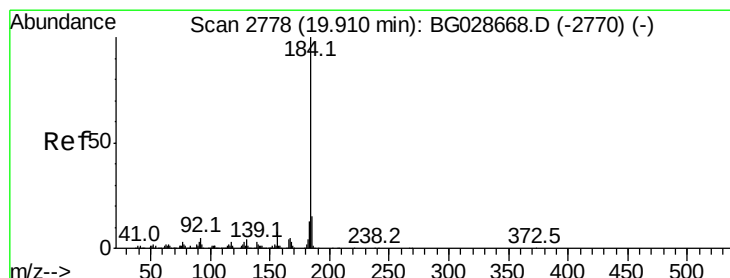
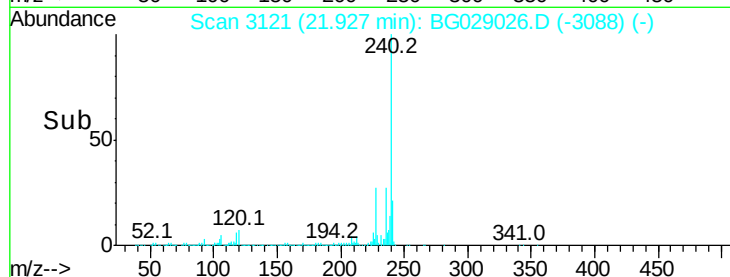
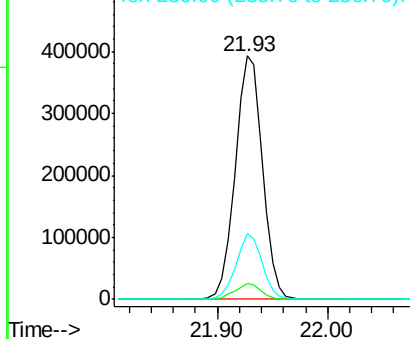


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 13.933 ng

RT: 19.84 min Scan# 2765

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

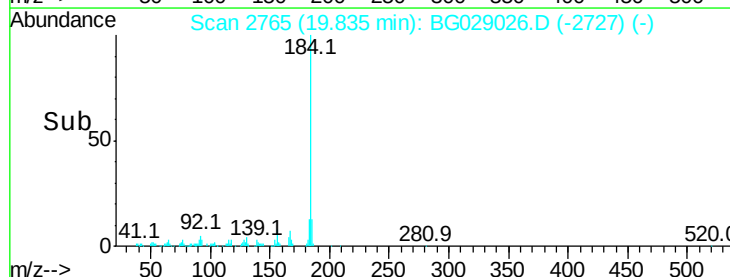
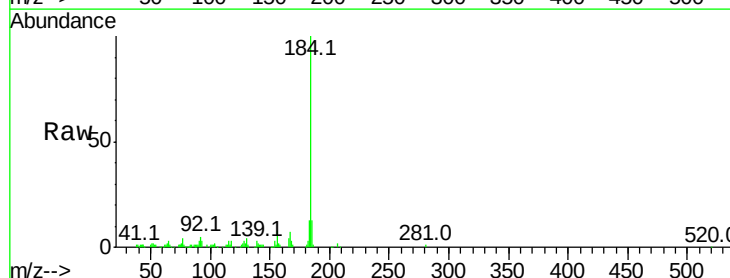
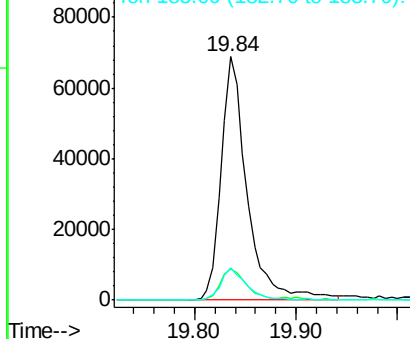
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 12.8  | 13.0  | 19.6# |
| 183     | 13.3  | 11.0  | 16.6  |

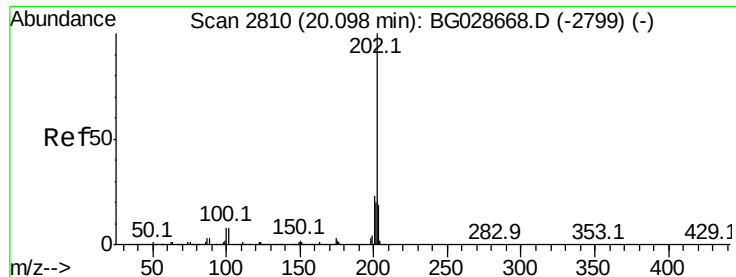
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.283 ng

RT: 20.02 min Scan# 2797

Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

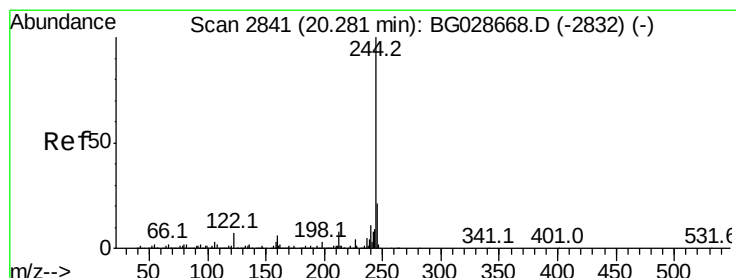
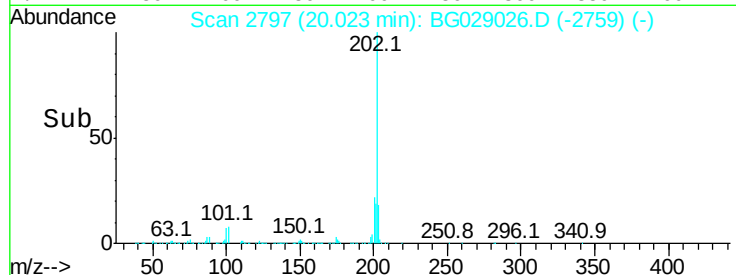
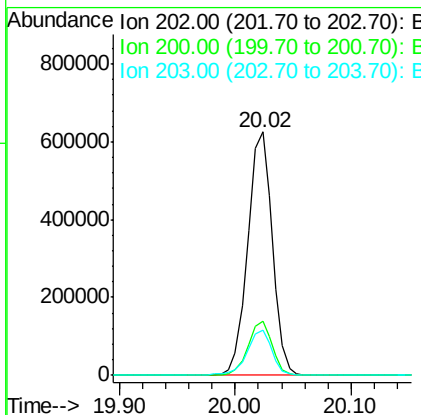
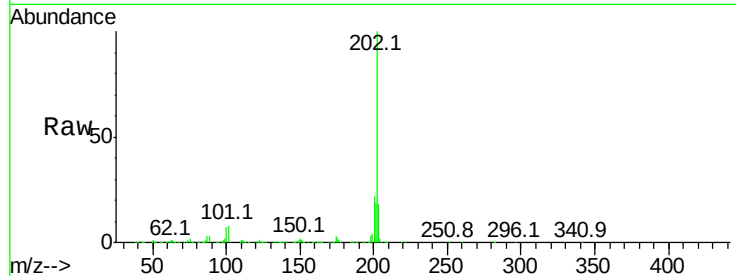
ClientSampleId :

TP-1-COMPMS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 202  | Resp: | 925129 |
| Ion Ratio |      | Lower | Upper  |
| 202       | 100  |       |        |
| 200       | 22.2 | 19.6  | 29.4   |
| 203       | 18.4 | 15.8  | 23.8   |

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#78

Terphenyl-d14

Concen: 96.586 ng

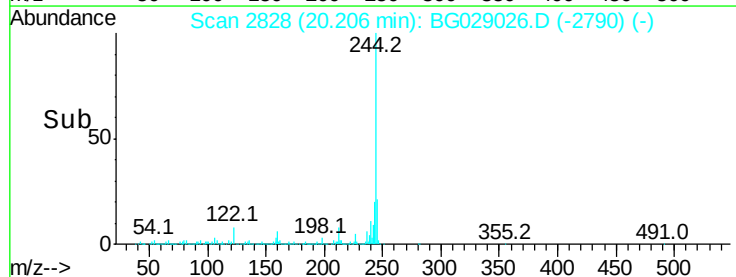
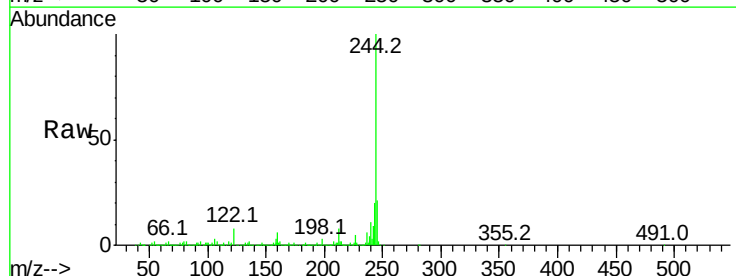
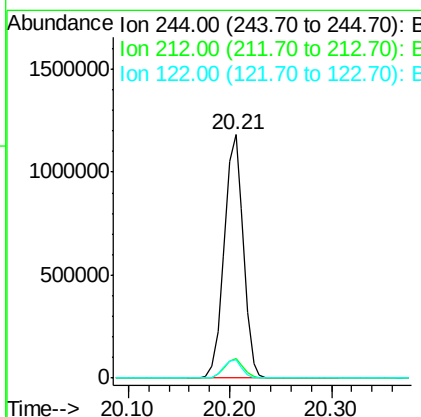
RT: 20.21 min Scan# 2828

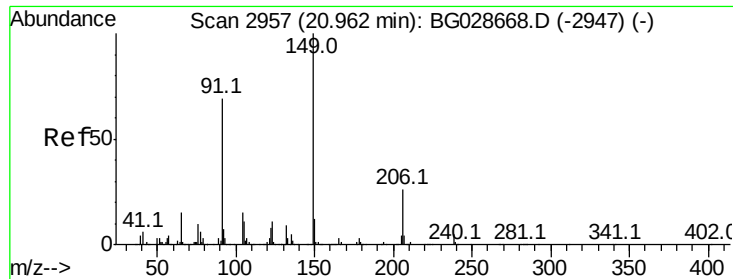
Delta R.T. -0.08 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

|           |     |       |         |
|-----------|-----|-------|---------|
| Tgt Ion:  | 244 | Resp: | 1536327 |
| Ion Ratio |     | Lower | Upper   |
| 244       | 100 |       |         |
| 212       | 8.0 | 10.0  | 15.0#   |
| 122       | 7.7 | 8.6   | 12.8#   |





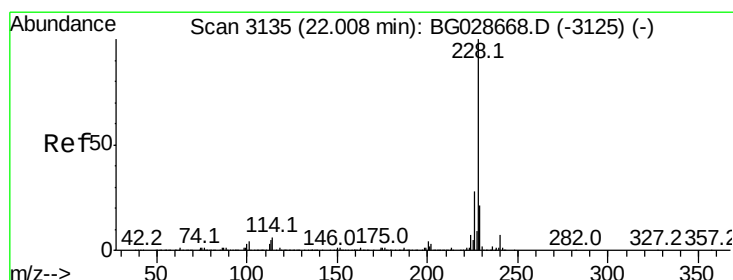
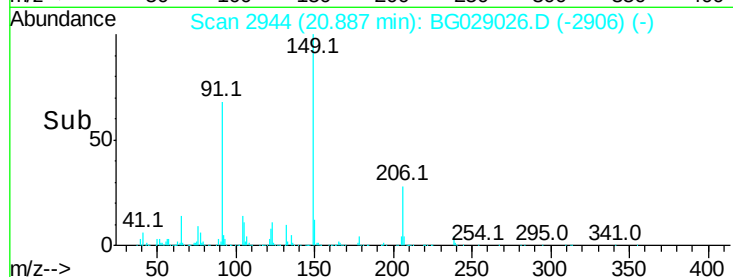
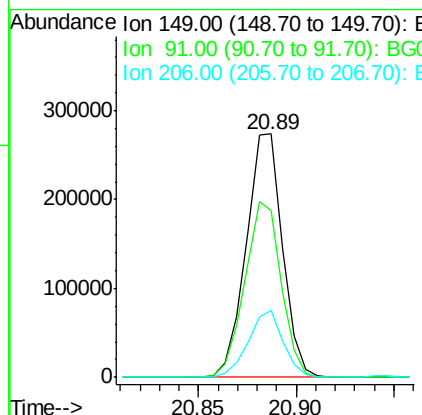
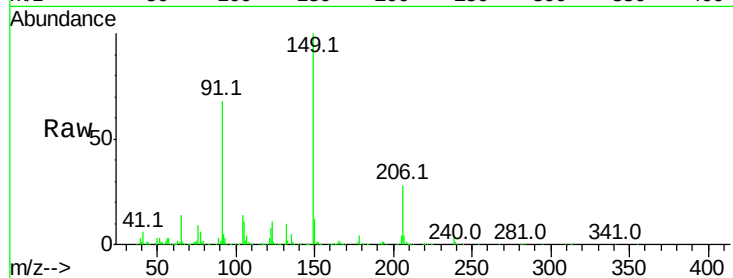
#79  
Butylbenzylphthalate  
Concen: 44.640 ng  
RT: 20.89 min Scan# 2944  
Delta R.T. -0.08 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-COMPMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 352750 |       |       |
| 91      | 68.4  |        | 63.5  | 95.3  |
| 206     | 27.5  |        | 21.0  | 31.6  |

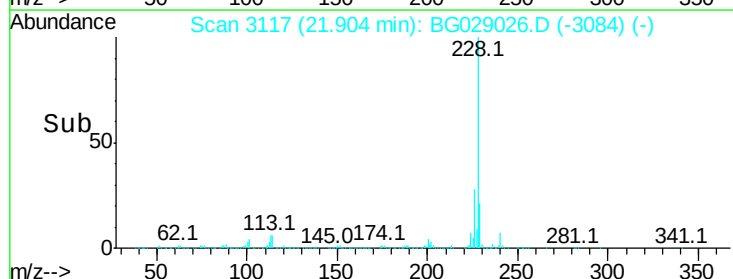
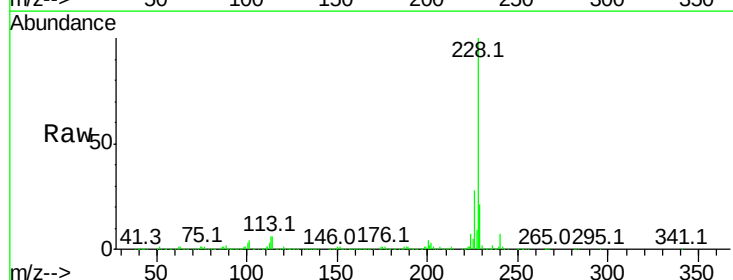
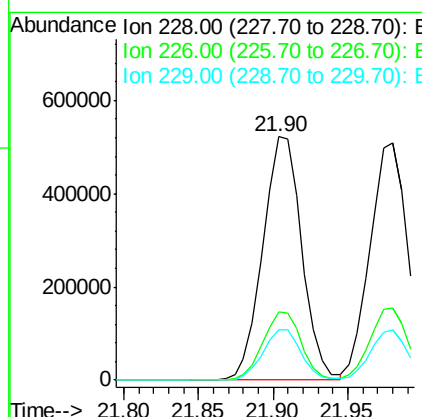
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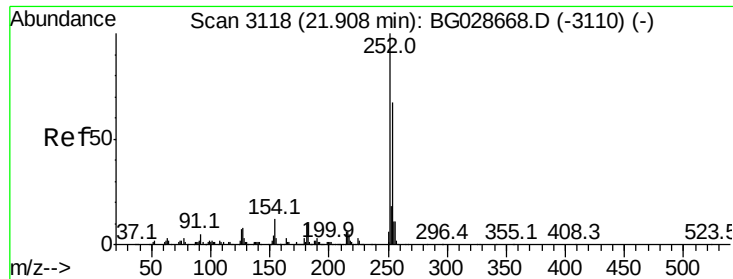
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#80  
Benzo(a)anthracene  
Concen: 46.311 ng  
RT: 21.90 min Scan# 3117  
Delta R.T. -0.10 min  
Lab File: BG029026.D  
Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 228     | 100   | 945594 |       |       |
| 226     | 27.9  |        | 24.9  | 37.3  |
| 229     | 20.7  |        | 18.2  | 27.2  |





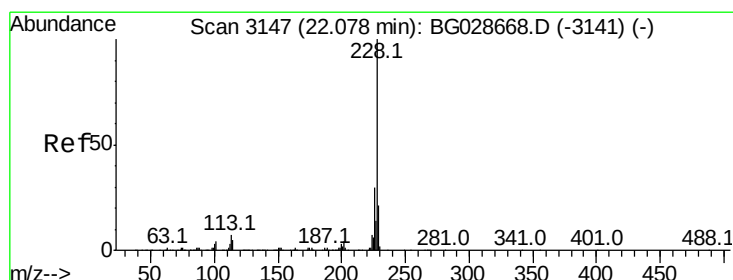
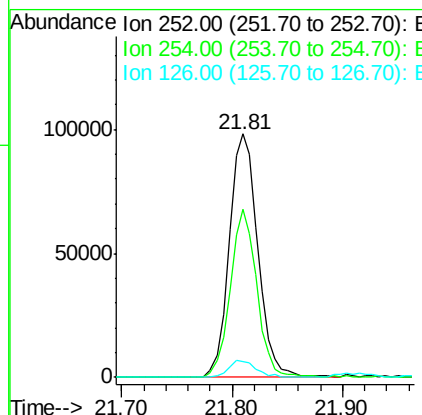
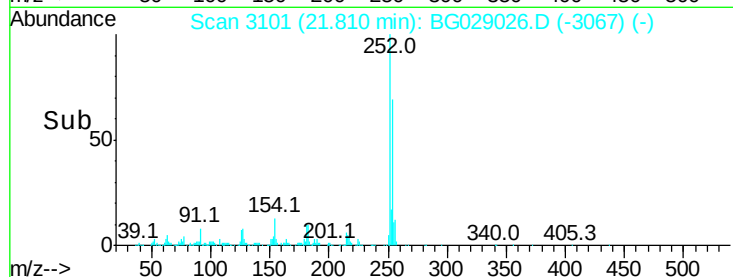
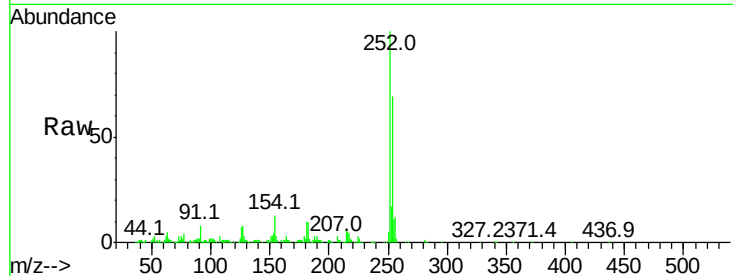
#81  
 3,3'-Dichlorobenzidine  
 Concen: 21.497 ng  
 RT: 21.81 min Scan# 3101  
 Delta R.T. -0.10 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

Instrument :  
 BNA\_G  
 ClientSampled :  
 TP-1-COMPMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 69.1  | 53.1  | 79.7  |
| 126     | 6.7   | 7.0   | 10.4  |

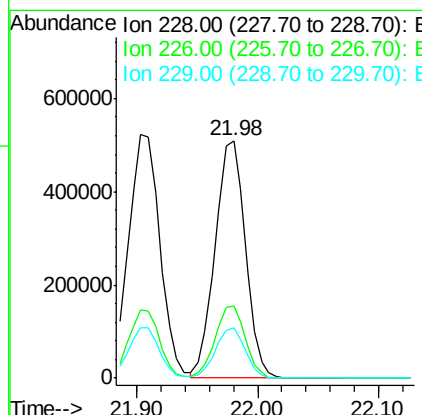
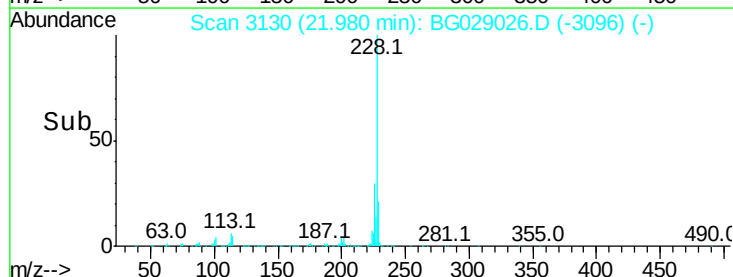
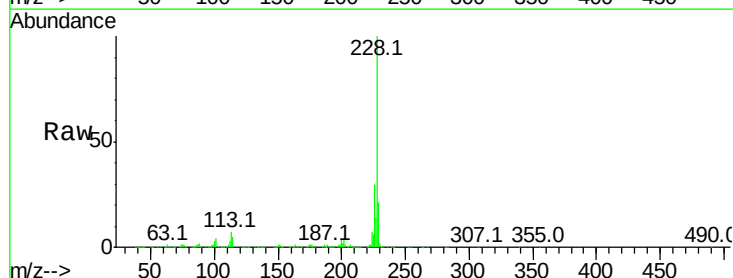
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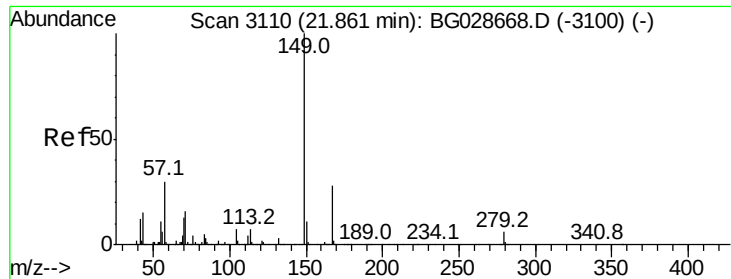
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#82  
 Chrysene  
 Concen: 45.499 ng  
 RT: 21.98 min Scan# 3130  
 Delta R.T. -0.10 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.4  | 27.0  | 40.4  |
| 229     | 21.2  | 17.8  | 26.6  |





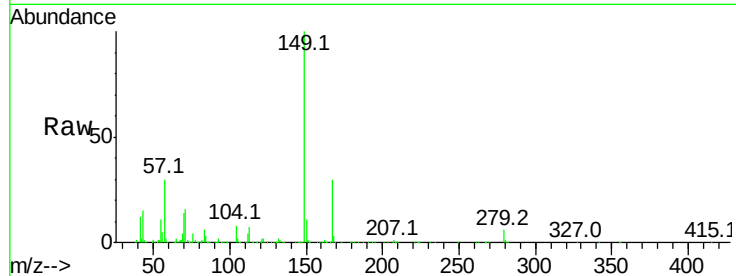
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.144 ng  
 RT: 21.77 min Scan# 3094  
 Delta R.T. -0.09 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-COMPMS

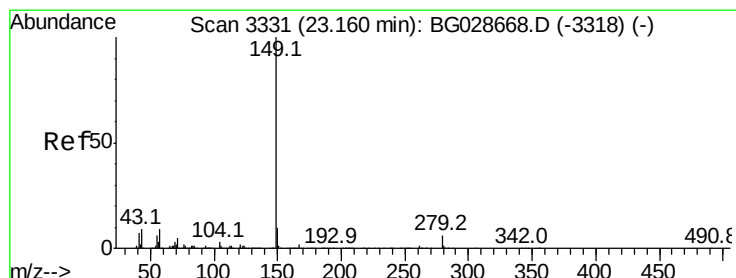
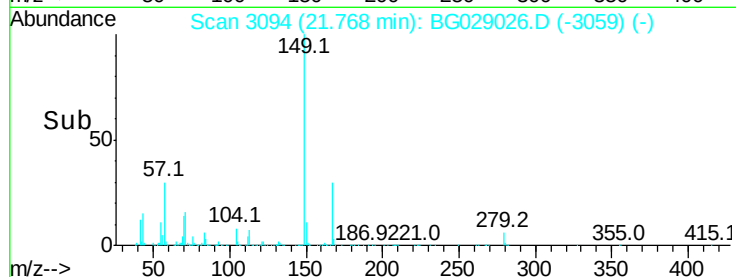
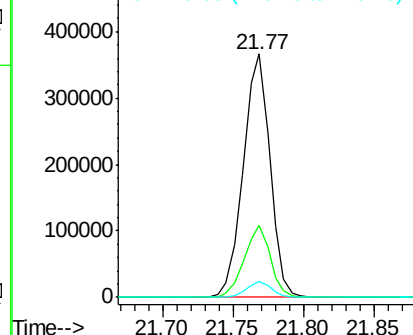
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 29.6  | 23.7  | 35.5  |
| 279     | 6.3   | 4.6   | 6.8   |

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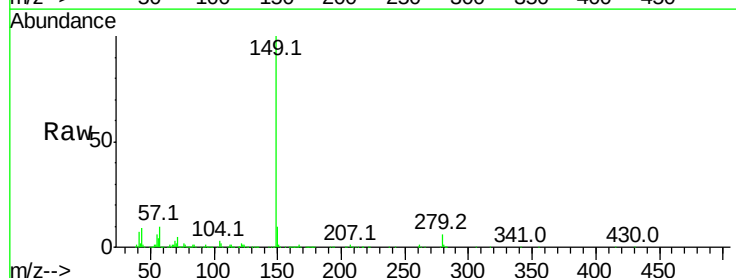


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

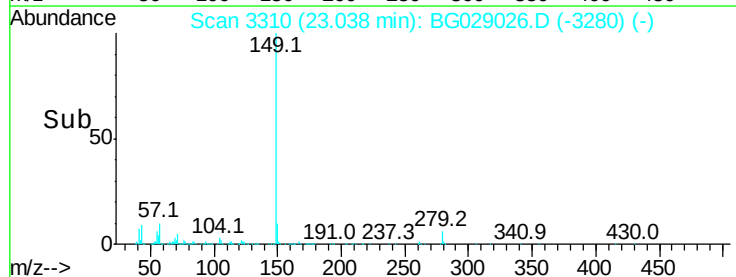
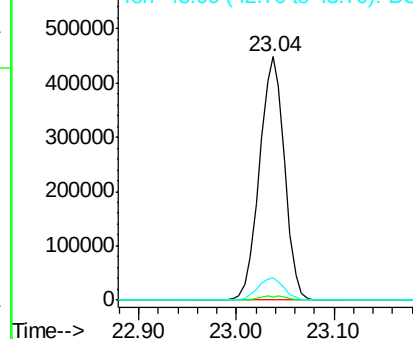


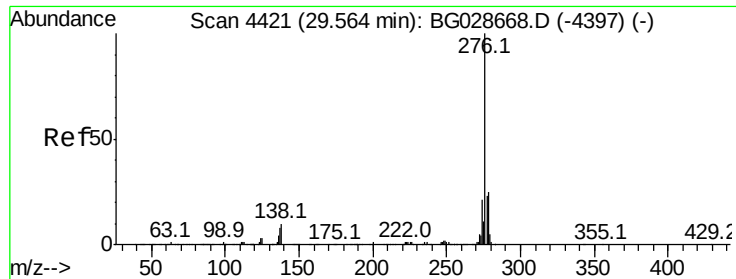
#84  
 Di-n-octyl phthalate  
 Concen: 41.110 ng  
 RT: 23.04 min Scan# 3310  
 Delta R.T. -0.12 min  
 Lab File: BG029026.D  
 Acq: 4 Oct 2017 5:12

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.4   | 2.2   |
| 43      | 9.5   | 11.8  | 17.6  |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 42.992 ng

RT: 29.28 min Scan# 4373

Delta R.T. -0.28 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

ClientSampleId :

TP-1-COMPMS

Tot Ion:276 Resp: 1070181

Ion Ratio Lower Upper

276 100

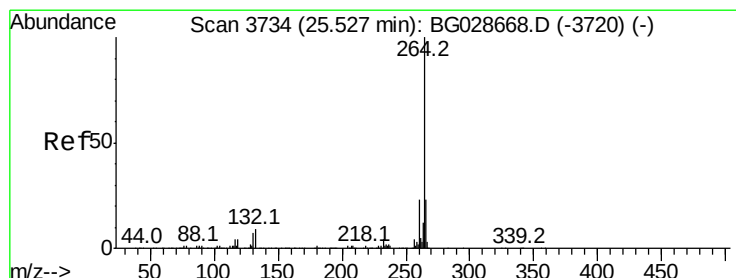
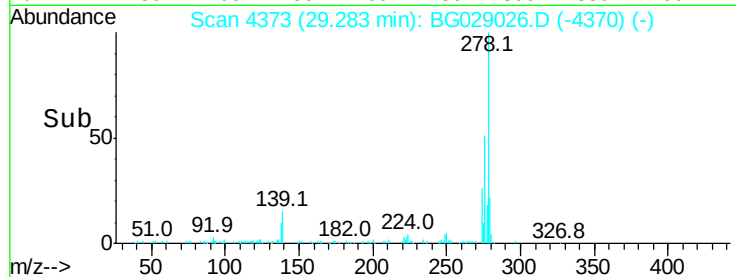
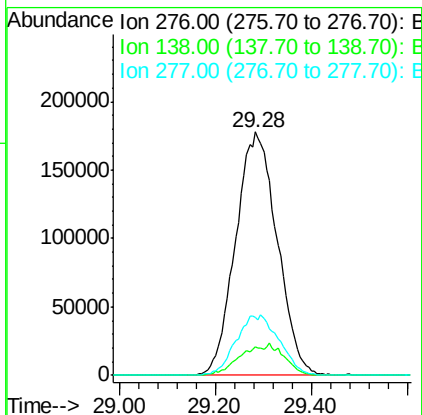
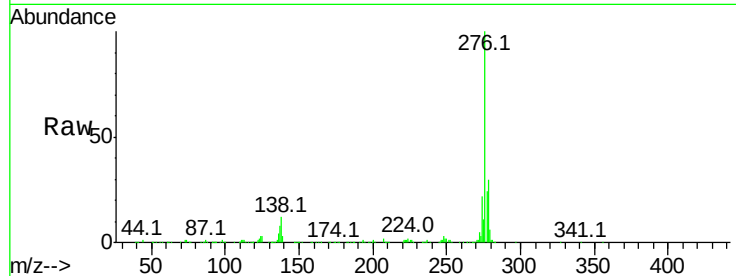
138 7.5 4.7 7.1#

277 13.5 20.6 31.0#

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#86

Perylene-d12

Concen: 40.000 ng

RT: 25.35 min Scan# 3704

Delta R.T. -0.17 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

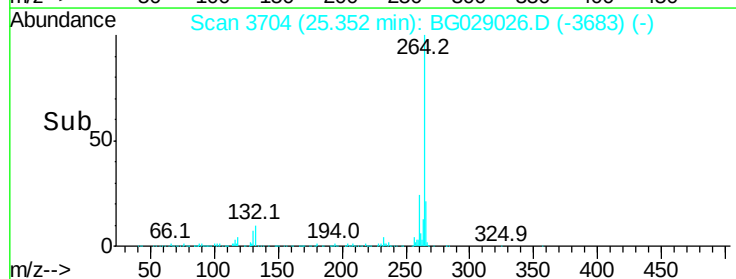
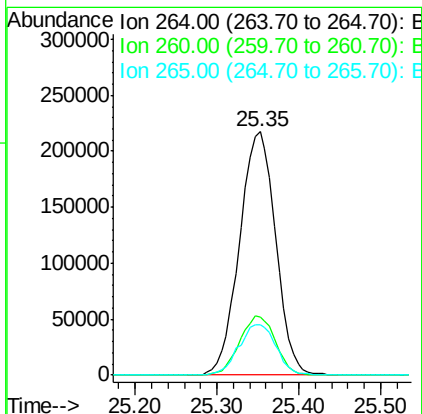
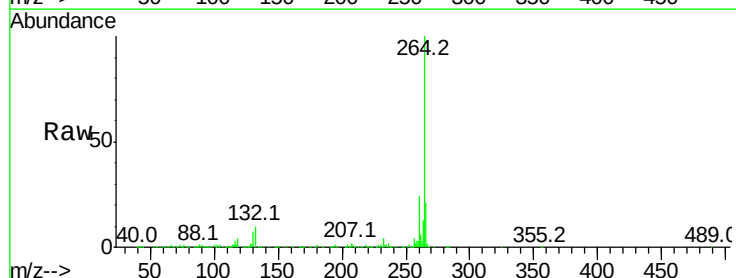
Tgt Ion:264 Resp: 667747

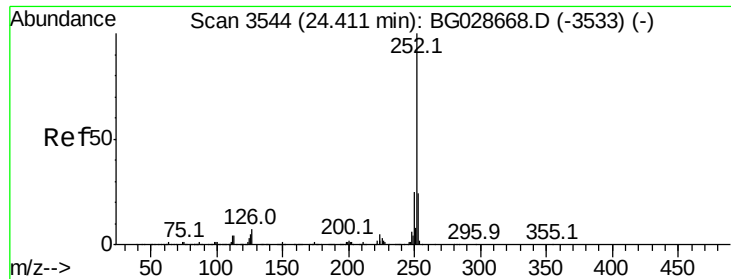
Ion Ratio Lower Upper

264 100

260 24.0 21.8 32.8

265 20.6 18.2 27.4





#87

Benzo(b)fluoranthene

Concen: 45.110 ng

RT: 24.26 min Scan# 3518

Delta R.T. -0.15 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

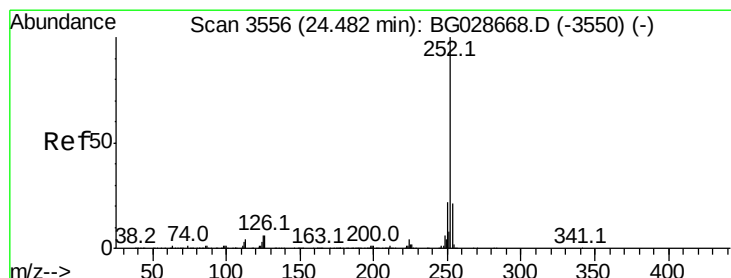
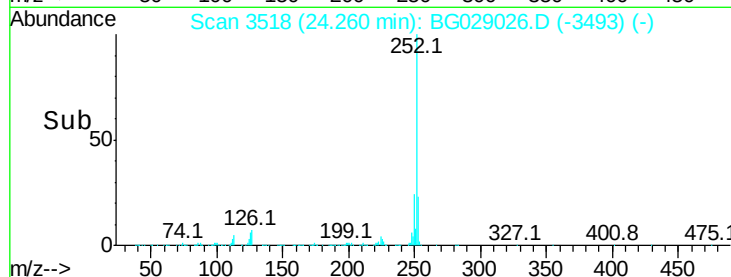
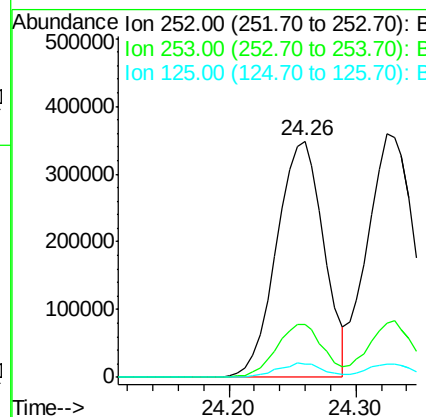
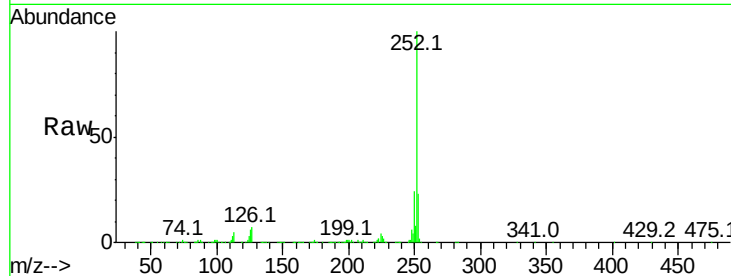
ClientSampleId :

TP-1-COMPMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 902335 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.5  | 18.7  | 28.1   |
| 125       | 5.7   | 5.3   | 7.9    |

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#88

Benzo(k)fluoranthene

Concen: 45.538 ng

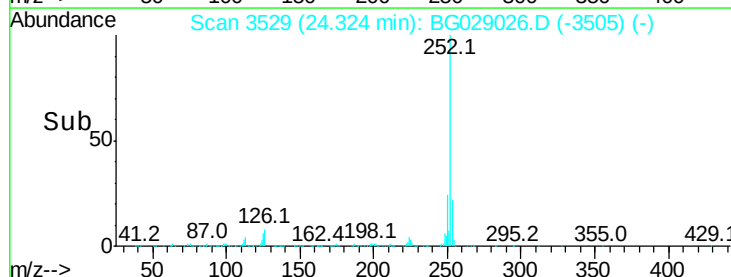
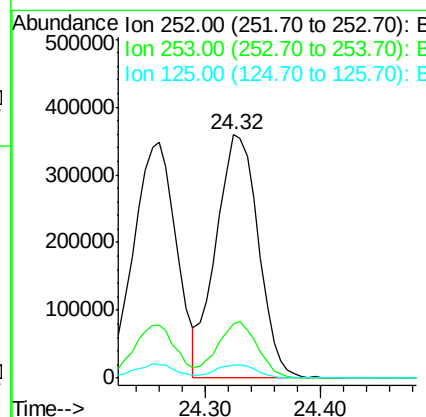
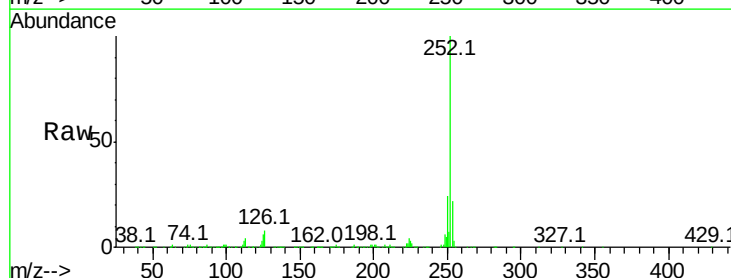
RT: 24.32 min Scan# 3529

Delta R.T. -0.16 min

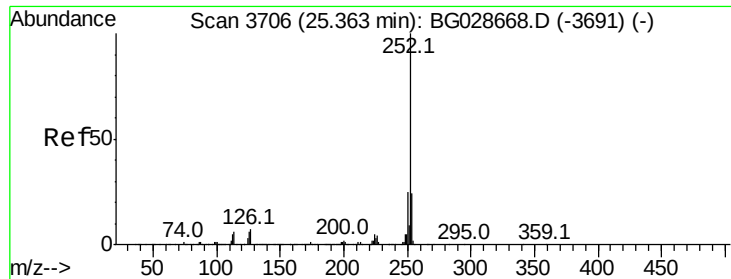
Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 909868 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 22.1  | 20.2  | 30.2   |
| 125       | 5.7   | 5.1   | 7.7    |







#89

Benzo(a)pyrene

Concen: 46.229 ng

RT: 25.19 min Scan# 3676

Delta R.T. -0.17 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

Instrument :

BNA\_G

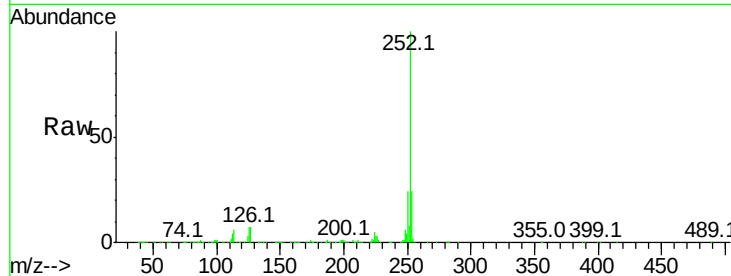
ClientSampleId :

TP-1-COMPMS

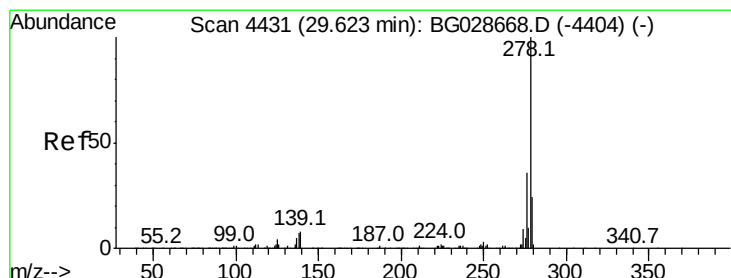
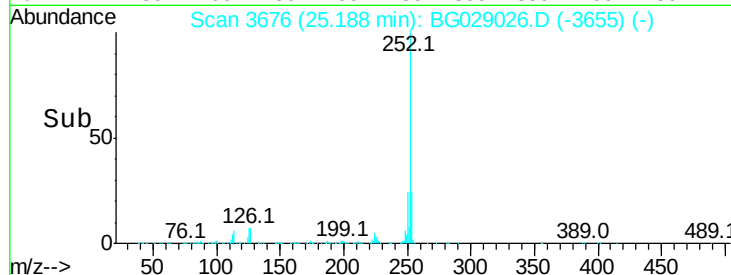
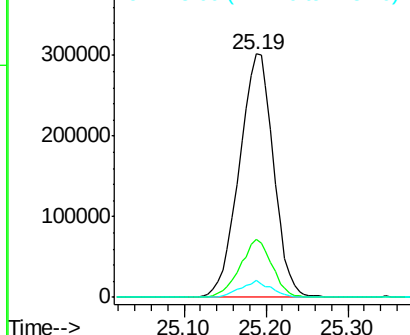
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 252   | Resp: | 877748 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.6  | 19.2  | 28.8   |
| 125       | 6.8   | 5.4   | 8.0    |

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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.624 ng

RT: 29.33 min Scan# 4381

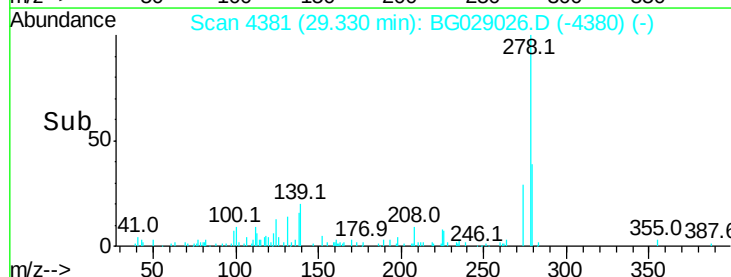
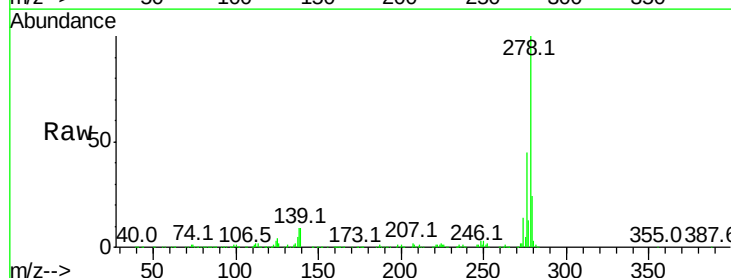
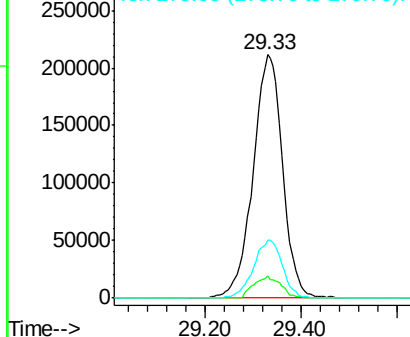
Delta R.T. -0.29 min

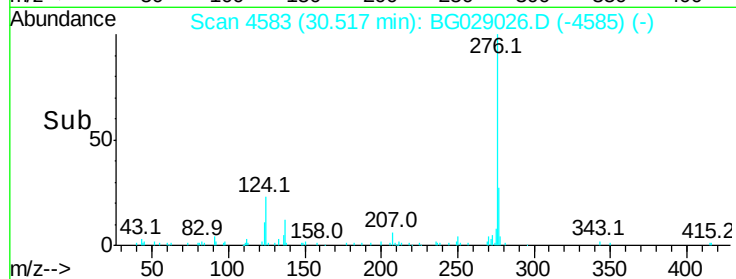
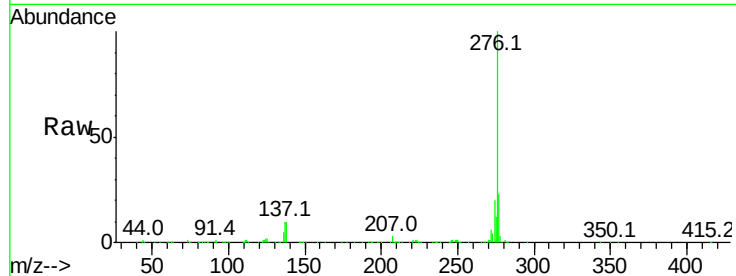
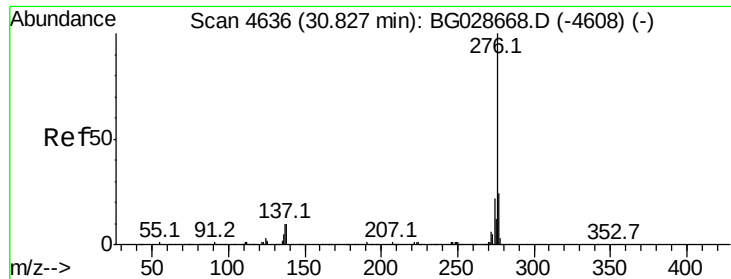
Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 278   | Resp: | 903118 |
| Ion Ratio | Lower | Upper |        |
| 278       | 100   |       |        |
| 139       | 9.3   | 7.7   | 11.5   |
| 279       | 24.0  | 19.1  | 28.7   |

Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 45.544 ng

RT: 30.52 min Scan# 4583

Delta R.T. -0.31 min

Lab File: BG029026.D

Acq: 4 Oct 2017 5:12

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 879660 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.4  | 18.6  | 27.8   |
| 138       | 10.2  | 8.1   | 12.1   |

Instrument :

BNA\_G

ClientSampleId :

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