

Data Path : Z:\HPCHEM1\BNA\_G\Data\BG061716\  
 Data File : BG022428.D  
 Acq On : 18 Jun 2016 17:58  
 Operator : UM/SJ  
 Sample : H3607-07MS  
 Misc :  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TE-MW2-15MS

Manual Integrations  
 APPROVED

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 6/20/2016 6:52:34 PM

Quant Time: Jun 28 09:18:25 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 13 17:40:23 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 24279    | 20.00 | ng    | -0.05    |
| 21) Naphthalene-d8        | 10.86 | 136  | 128546   | 20.00 | ng    | -0.05    |
| 38) Acenaphthene-d10      | 14.68 | 164  | 77314    | 20.00 | ng    | -0.04    |
| 63) Phenanthrene-d10      | 17.43 | 188  | 170118   | 20.00 | ng    | -0.04    |
| 75) Chrysene-d12          | 21.69 | 240  | 145455   | 20.00 | ng    | -0.05    |
| 86) Perylene-d12          | 24.93 | 264  | 129409   | 20.00 | ng    | -0.08    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.61  | 112  | 94981    | 75.64  | ng    | -0.03    |
| 7) Phenol-d6                | 7.23  | 99   | 92170    | 46.68  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 9.22  | 82   | 180147   | 97.70  | ng    | -0.04    |
| 41) 2,4,6-Tribromophenol    | 16.18 | 330  | 105725   | 121.02 | ng    | -0.04    |
| 44) 2-Fluorobiphenyl        | 13.30 | 172  | 477157   | 94.05  | ng    | -0.04    |
| 78) Terphenyl-d14           | 20.02 | 244  | 551294   | 89.98  | ng    | -0.04    |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.41  | 88   | 10067    | 16.72 | ng    | # 59   |
| 3) Pyridine                    | 3.83  | 79   | 18251    | 11.22 | ng    | 96     |
| 4) n-Nitrosodimethylamine      | 3.75  | 42   | 7907     | 21.73 | ng    | # 85   |
| 6) Aniline                     | 7.37  | 93   | 39804    | 15.87 | ng    | # 82   |
| 8) 2-Chlorophenol              | 7.61  | 128  | 71155    | 41.00 | ng    | # 82   |
| 10) Phenol                     | 7.26  | 94   | 32132    | 15.79 | ng    | 85     |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93   | 74761    | 46.06 | ng    | # 73   |
| 12) 1,3-Dichlorobenzene        | 7.93  | 146  | 73938    | 39.74 | ng    | # 91   |
| 13) 1,4-Dichlorobenzene        | 8.07  | 146  | 75544    | 40.75 | ng    | 95     |
| 14) 1,2-Dichlorobenzene        | 8.40  | 146  | 77120    | 41.27 | ng    | 96     |
| 15) Benzyl Alcohol             | 8.30  | 79   | 37817    | 29.65 | ng    | # 89   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45   | 89567    | 53.19 | ng    | 85     |
| 17) 2-Methylphenol             | 8.51  | 107  | 53450    | 35.19 | ng    | # 88   |
| 18) Hexachloroethane           | 9.12  | 117  | 28923    | 42.73 | ng    | 86     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70   | 66468    | 49.73 | ng    | # 70   |
| 20) 3+4-Methylphenols          | 8.85  | 107  | 66050    | 30.31 | ng    | # 89   |
| 22) Acetophenone               | 8.87  | 105  | 126283   | 45.59 | ng    | # 85   |
| 24) Nitrobenzene               | 9.26  | 77   | 90274    | 48.69 | ng    | # 87   |
| 25) Isophorone                 | 9.78  | 82   | 199042   | 46.14 | ng    | 95     |
| 26) 2-Nitrophenol              | 9.98  | 139  | 47198    | 46.94 | ng    | # 78   |
| 27) 2,4-Dimethylphenol         | 10.04 | 122  | 80033    | 43.98 | ng    | 90     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93   | 117631   | 47.60 | ng    | 95     |
| 29) 2,4-Dichlorophenol         | 10.53 | 162  | 76317    | 45.27 | ng    | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.72 | 180  | 77798    | 41.30 | ng    | 94     |
| 31) Naphthalene                | 10.91 | 128  | 284981   | 44.41 | ng    | # 96   |
| 32) Benzoic acid               | 10.19 | 122  | 8439     | 21.26 | ng    | 85     |
| 33) 4-Chloroaniline            | 11.04 | 127  | 33263    | 12.47 | ng    | # 91   |
| 34) Hexachlorobutadiene        | 11.18 | 225  | 40354    | 39.90 | ng    | 95     |
| 35) Caprolactam                | 11.84 | 113  | 5988     | 6.47  | ng    | # 39   |
| 36) 4-Chloro-3-methylphenol    | 12.17 | 107  | 87817    | 43.95 | ng    | 90     |
| 37) 2-Methylnaphthalene        | 12.51 | 142  | 210215   | 44.38 | ng    | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216  | 85931    | 43.18 | ng    | 98     |
| 40) Hexachlorocyclopentadiene  | 12.85 | 237  | 43638    | 45.38 | ng    | 98     |
| 42) 2,4,6-Trichlorophenol      | 13.13 | 196  | 64766    | 48.51 | ng    | 94     |

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Instrument :  
 BNA\_G  
 ClientSampleId :  
 TE-MW2-15MS

Manual Integrations  
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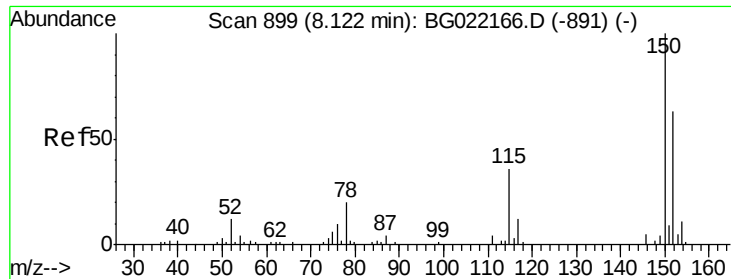
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 6/20/2016 6:52:34 PM

Quant Time: Jun 28 09:18:25 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG060616.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 13.22 | 196  | 65051    | 44.10 | ng    | 94       |
| 45) 1,1'-Biphenyl              | 13.51 | 154  | 279043   | 47.96 | ng    | 95       |
| 46) 2-Chloronaphthalene        | 13.56 | 162  | 212803   | 47.71 | ng    | 98       |
| 47) 2-Nitroaniline             | 13.78 | 65   | 56468    | 53.10 | ng    | # 67     |
| 48) Acenaphthylene             | 14.41 | 152  | 368537   | 47.09 | ng    | 98       |
| 49) Dimethylphthalate          | 14.13 | 163  | 300937   | 46.95 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.27 | 165  | 65178    | 46.77 | ng    | # 84     |
| 51) Acenaphthene               | 14.75 | 154  | 219935   | 46.91 | ng    | 96       |
| 52) 3-Nitroaniline             | 14.61 | 138  | 28666    | 18.55 | ng    | 84       |
| 53) 2,4-Dinitrophenol          | 14.82 | 184  | 49681    | 86.30 | ng    | # 78     |
| 54) Dibenzofuran               | 15.08 | 168  | 341747   | 46.71 | ng    | 99       |
| 55) 4-Nitrophenol              | 14.96 | 139  | 24795    | 23.24 | ng    | 88       |
| 56) 2,4-Dinitrotoluene         | 15.06 | 165  | 91046    | 48.71 | ng    | # 90     |
| 57) Fluorene                   | 15.73 | 166  | 288178   | 45.72 | ng    | 95       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.32 | 232  | 51984    | 39.29 | ng    | # 88     |
| 59) Diethylphthalate           | 15.49 | 149  | 313089   | 45.72 | ng    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.71 | 204  | 128744   | 45.10 | ng    | 97       |
| 61) 4-Nitroaniline             | 15.77 | 138  | 47491m   | 28.97 | ng    |          |
| 62) Azobenzene                 | 16.00 | 77   | 265437   | 51.19 | ng    | 89       |
| 64) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 39502    | 46.05 | ng    | 85       |
| 65) n-Nitrosodiphenylamine     | 15.93 | 169  | 235919   | 48.14 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.60 | 248  | 73970    | 46.40 | ng    | 97       |
| 67) Hexachlorobenzene          | 16.73 | 284  | 79385    | 42.73 | ng    | 96       |
| 68) Atrazine                   | 16.88 | 200  | 68814    | 37.93 | ng    | 95       |
| 69) Pentachlorophenol          | 17.09 | 266  | 59930    | 71.90 | ng    | 98       |
| 70) Phenanthrene               | 17.47 | 178  | 432148   | 46.77 | ng    | 99       |
| 71) Anthracene                 | 17.56 | 178  | 429994   | 46.92 | ng    | 98       |
| 72) Carbazole                  | 17.84 | 167  | 383078   | 44.14 | ng    | 97       |
| 73) Di-n-butylphthalate        | 18.37 | 149  | 544498   | 47.99 | ng    | 98       |
| 74) Fluoranthene               | 19.47 | 202  | 468691   | 44.12 | ng    | 96       |
| 77) Pyrene                     | 19.84 | 202  | 466479   | 51.59 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.70 | 149  | 233277   | 55.63 | ng    | # 95     |
| 80) Benzo(a)anthracene         | 21.67 | 228  | 381801   | 46.81 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 22829    | 9.97  | ng    | 98       |
| 82) Chrysene                   | 21.74 | 228  | 372290   | 46.91 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 335540   | 54.41 | ng    | 97       |
| 84) Di-n-octyl phthalate       | 22.75 | 149  | 561981   | 54.88 | ng    | # 87     |
| 85) Indeno(1,2,3-cd)pyrene     | 28.64 | 276  | 388320   | 43.61 | ng    | # 83     |
| 87) Benzo(b)fluoranthene       | 23.90 | 252  | 367382   | 48.68 | ng    | # 95     |
| 88) Benzo(k)fluoranthene       | 23.97 | 252  | 358451   | 48.25 | ng    | # 95     |
| 89) Benzo(a)pyrene             | 24.78 | 252  | 341936   | 47.38 | ng    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 28.70 | 278  | 324255   | 47.71 | ng    | # 95     |
| 91) Benzo(g,h,i)perylene       | 29.81 | 276  | 332165   | 46.97 | ng    | # 91     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 886

Delta R.T. -0.05 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

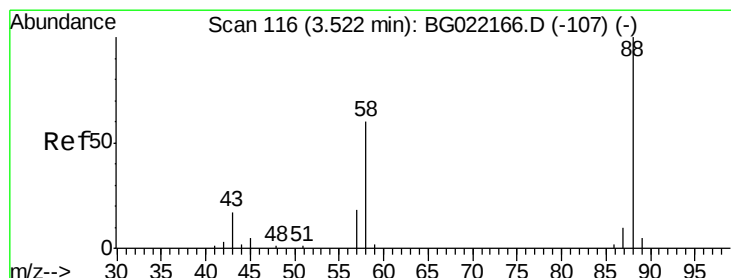
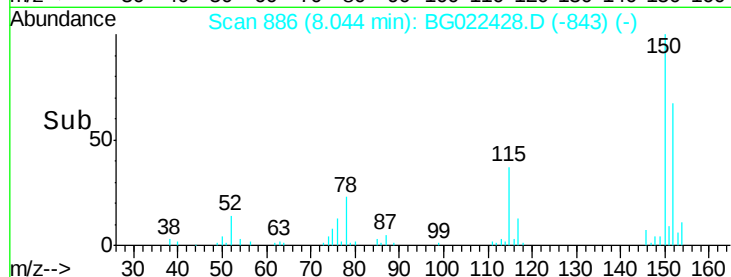
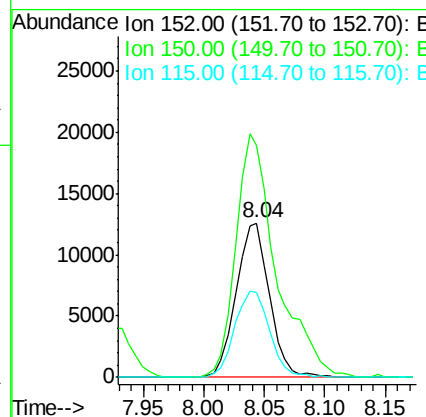
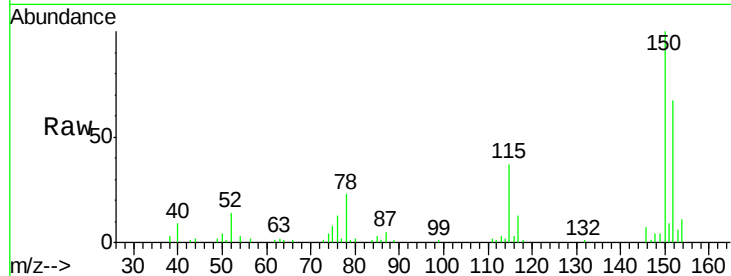
ClientSampled :

TE-MW2-15MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 150.1 | 130.1 | 195.1 |
| 115     | 55.0  | 62.2  | 93.2  |

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#2

1,4-Dioxane

Concen: 16.72 ng

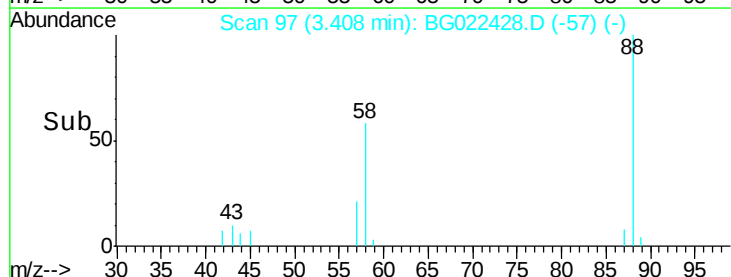
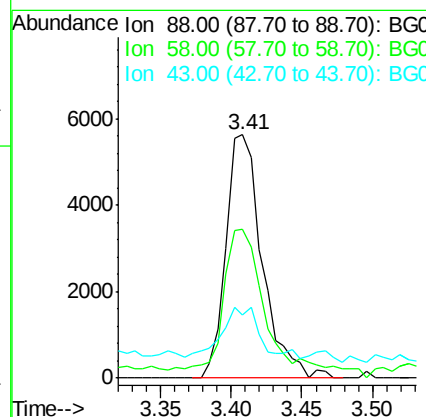
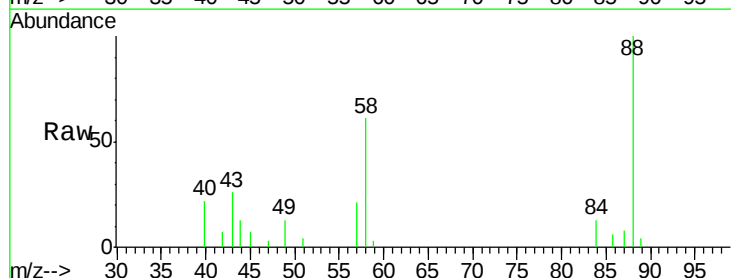
RT: 3.41 min Scan# 97

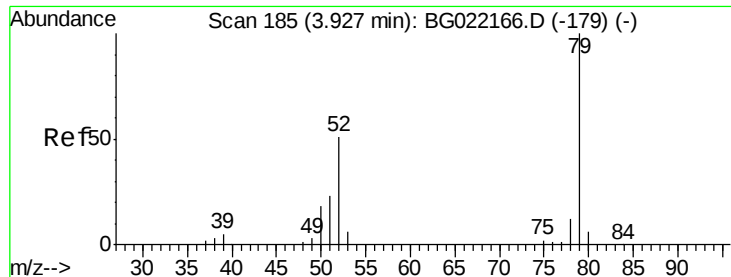
Delta R.T. -0.06 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 76.5  | 36.8  | 55.2  |
| 43      | 21.5  | 10.4  | 15.6  |





#3

Pyridine

Concen: 11.22 ng

RT: 3.83 min Scan# 168

Delta R.T. -0.06 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

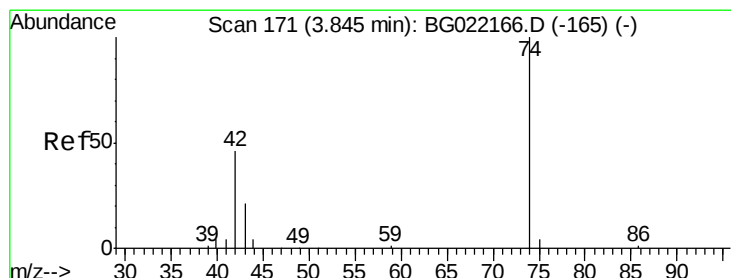
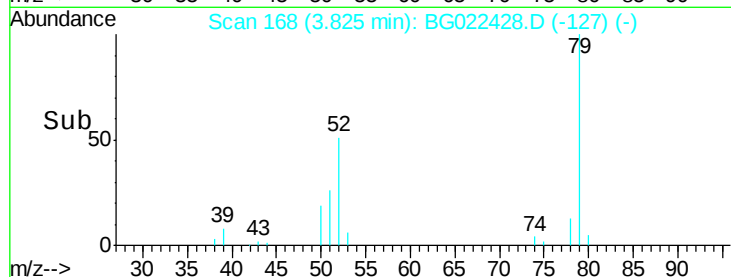
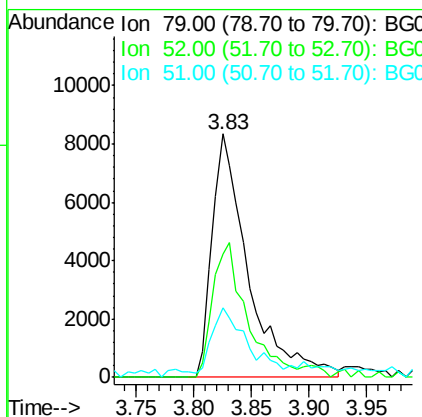
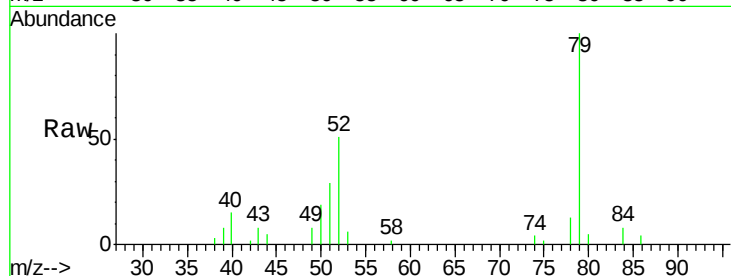
ClientSampleId :

TE-MW2-15MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 79    | Resp: | 18251 |
| Ion      | Ratio | Lower | Upper |
| 79       | 100   |       |       |
| 52       | 50.7  | 41.6  | 62.4  |
| 51       | 28.6  | 19.2  | 28.8  |

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#4

n-Nitrosodimethylamine

Concen: 21.73 ng

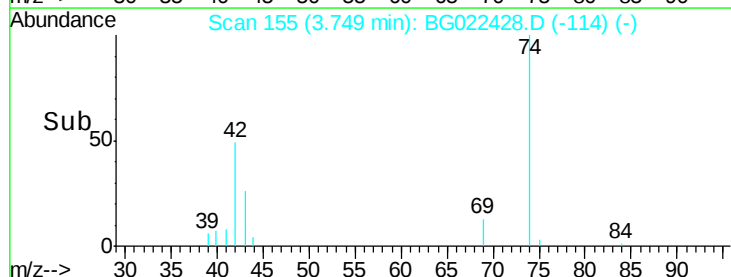
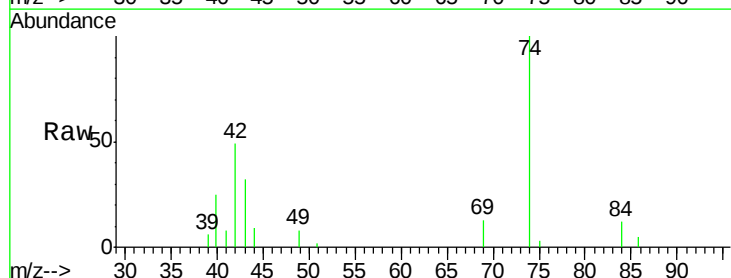
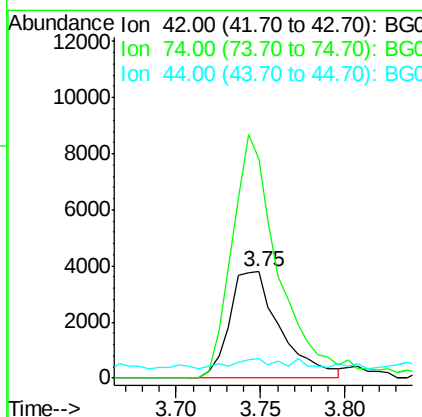
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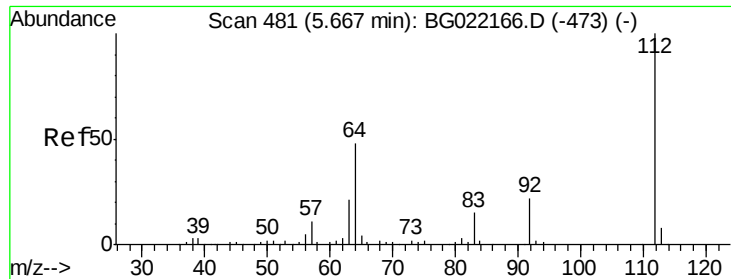
Delta R.T. -0.06 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 7907  |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 74       | 205.6 | 184.0 | 276.0 |
| 44       | 18.0  | 11.0  | 16.6# |





#5

2-Fluorophenol

Concen: 75.64 ng

RT: 5.61 min Scan# 471

Delta R.T. -0.03 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

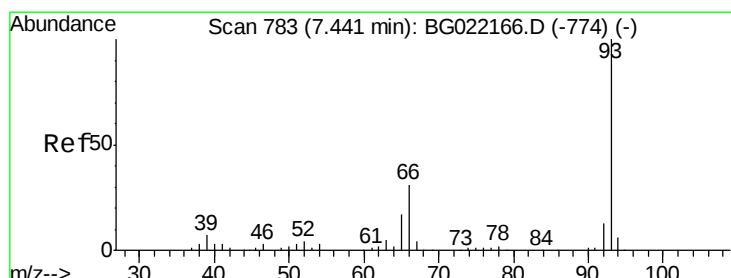
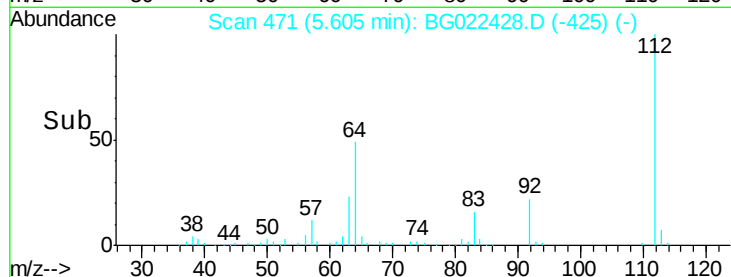
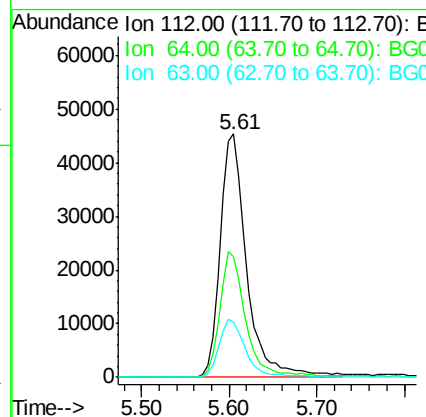
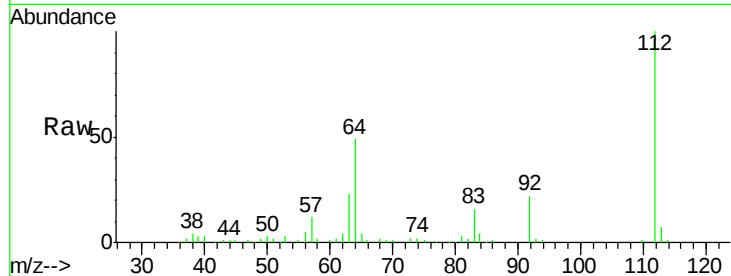
ClientSampleId :

TE-MW2-15MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 112   | Resp: | 94981 |
| Ion Ratio | Lower | Upper |       |
| 112       | 100   |       |       |
| 64        | 49.5  | 51.1  | 76.7# |
| 63        | 22.7  | 24.6  | 37.0# |

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#6

Aniline

Concen: 15.87 ng

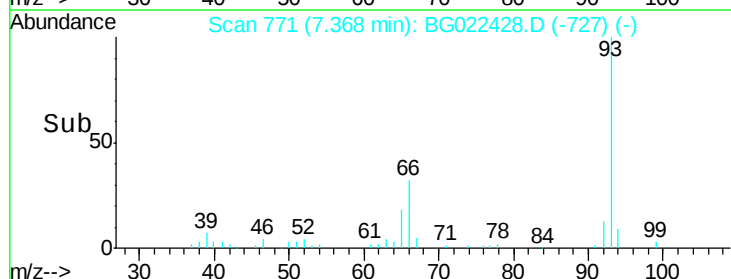
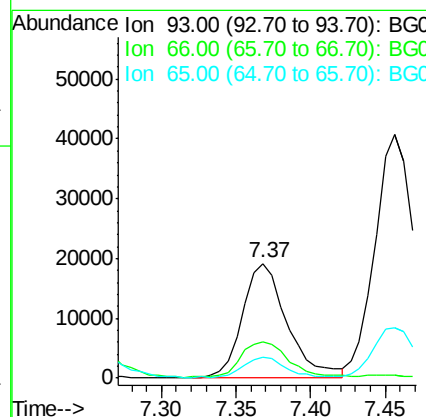
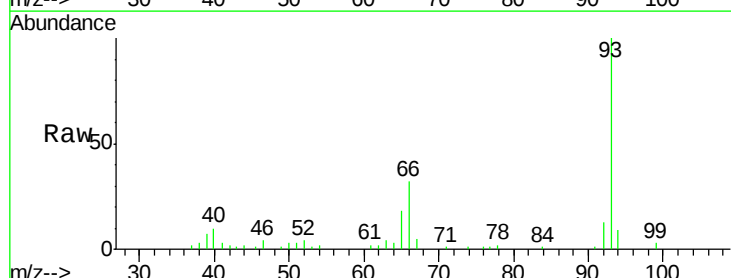
RT: 7.37 min Scan# 771

Delta R.T. -0.04 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 39804 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 31.6  | 36.3  | 54.5# |
| 65        | 17.7  | 18.4  | 27.6# |





#7

Phenol-d6

Concen: 46.68 ng

RT: 7.23 min Scan# 748

Delta R.T. -0.02 min

Lab File: BG022428.D

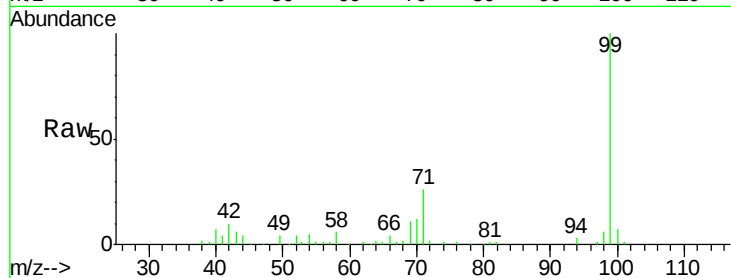
Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

ClientSampleId :

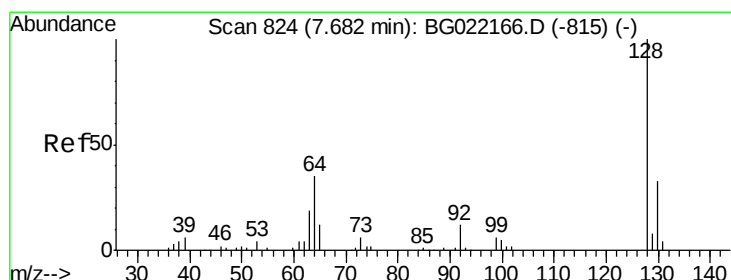
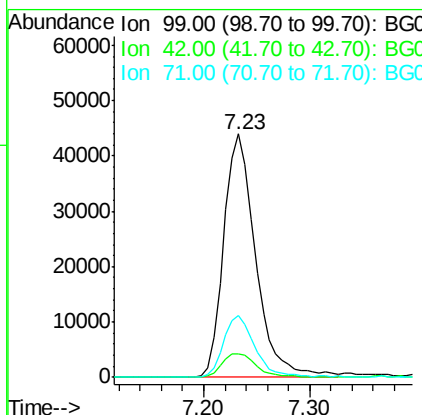
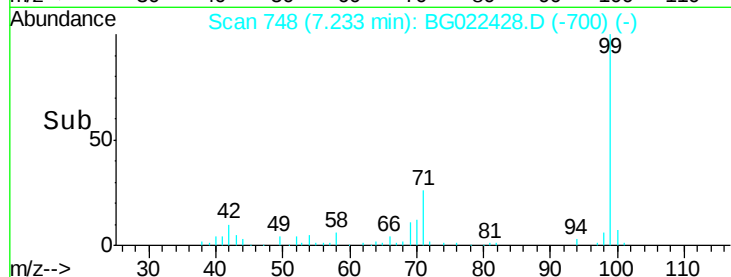
TE-MW2-15MS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 99    | Resp: | 92170 |
| Ion Ratio | Lower | Upper |       |
| 99        | 100   |       |       |
| 42        | 9.8   | 16.4  | 24.6# |
| 71        | 25.5  | 25.0  | 37.4  |

Manual Integrations  
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#8

2-Chlorophenol

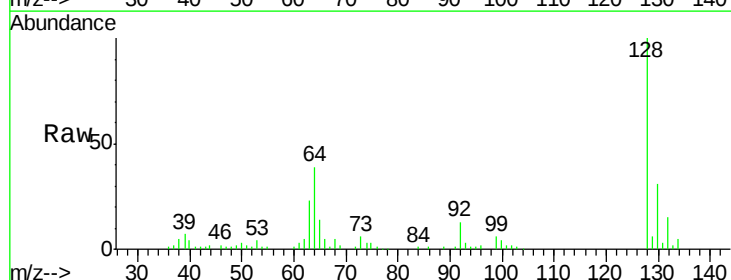
Concen: 41.00 ng

RT: 7.61 min Scan# 813

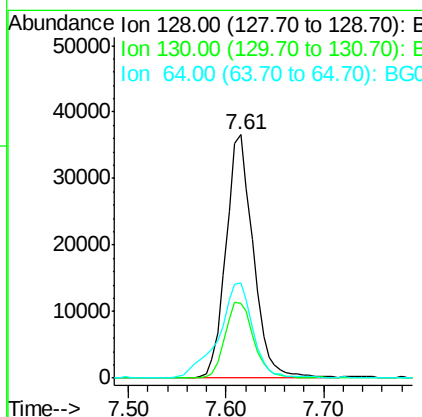
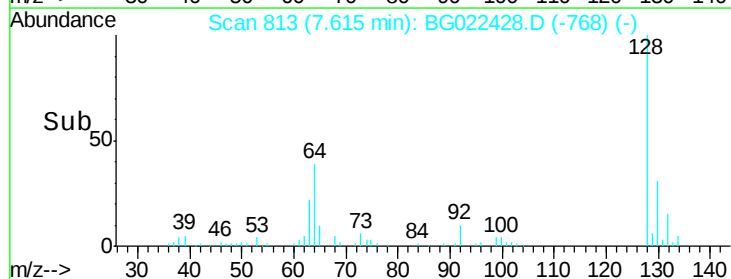
Delta R.T. -0.04 min

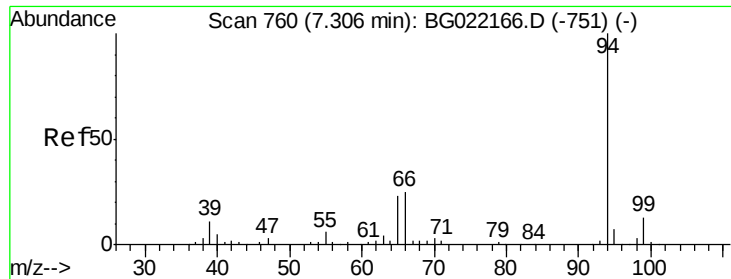
Lab File: BG022428.D

Acq: 18 Jun 2016 17:58



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 71155 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 30.8  | 11.2  | 51.2  |
| 64        | 38.9  | 39.8  | 79.8# |





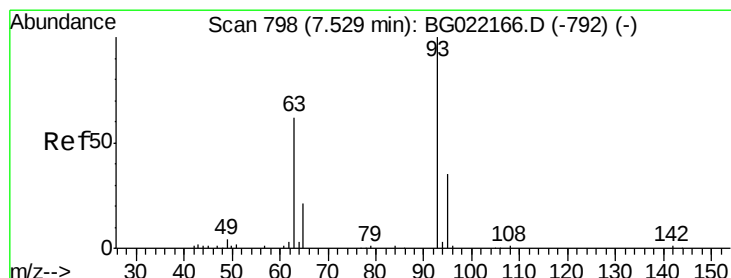
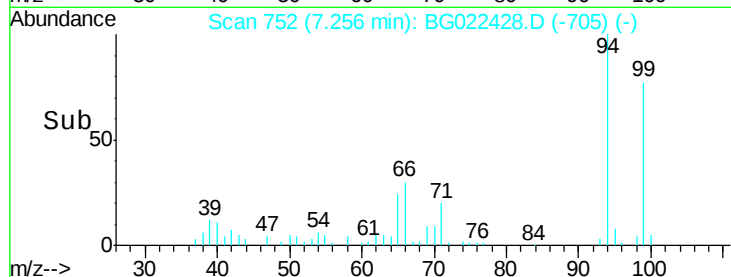
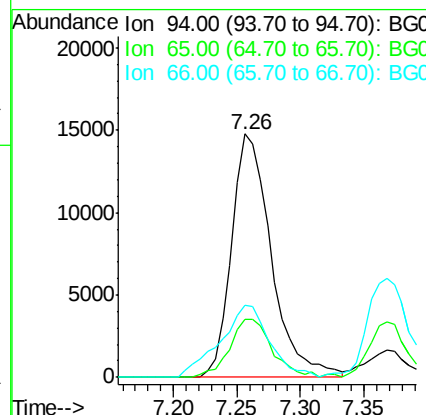
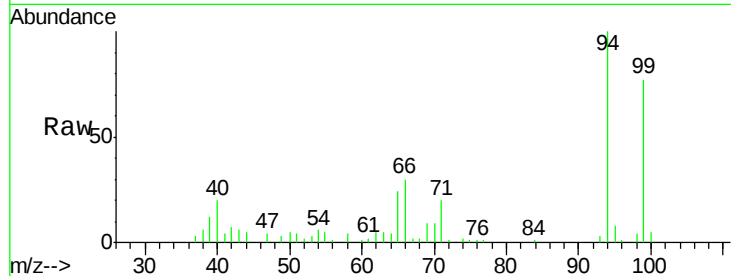
#10  
Phenol  
Concen: 15.79 ng  
RT: 7.26 min Scan# 752  
Delta R.T. -0.02 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

Instrument :  
BNA\_G  
ClientSampleId :  
TE-MW2-15MS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 94      | 100   |            |            |
| 65      | 23.6  | 9.8        | 49.8       |
| 66      | 29.8  | 20.8       | 60.8       |

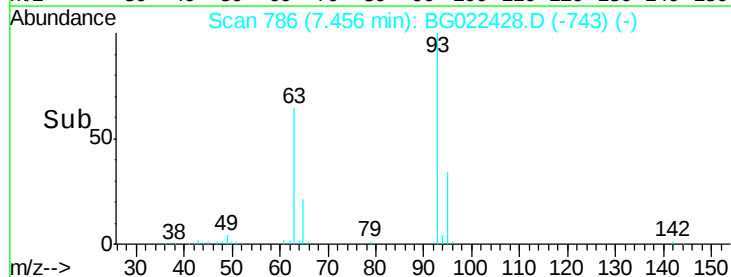
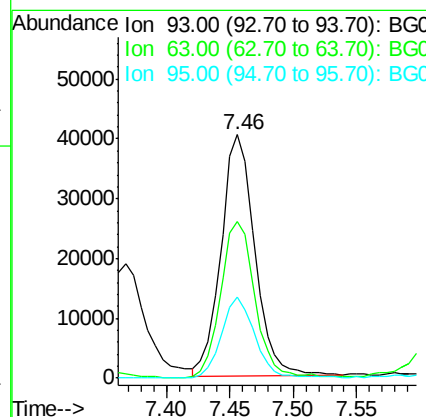
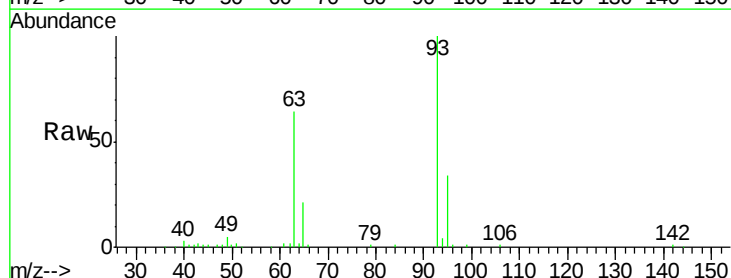
Manual Integrations  
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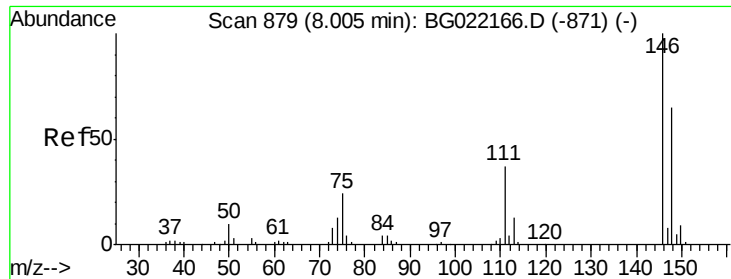
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#11  
bis(2-Chloroethyl)ether  
Concen: 46.06 ng  
RT: 7.46 min Scan# 786  
Delta R.T. -0.05 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 93      | 100   |            |            |
| 63      | 64.3  | 74.9       | 114.9#     |
| 95      | 33.5  | 8.3        | 48.3       |





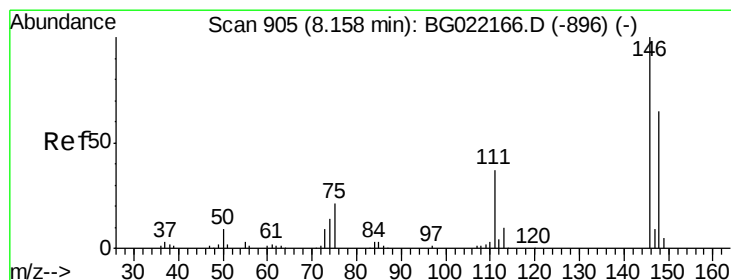
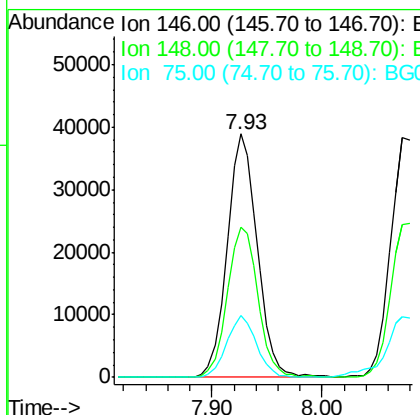
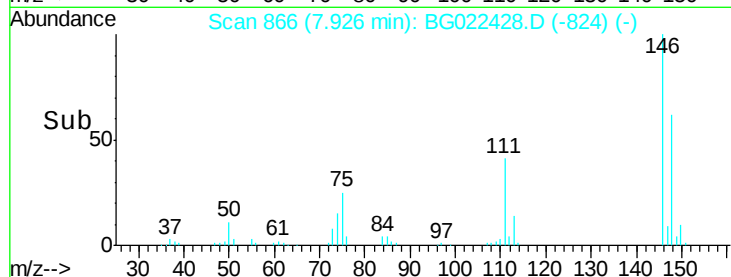
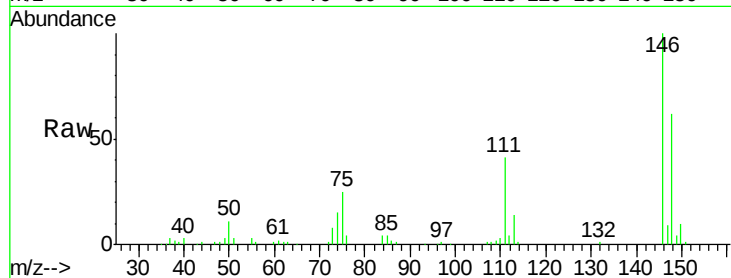
#12  
 1,3-Dichlorobenzene  
 Concen: 39.74 ng  
 RT: 7.93 min Scan# 866  
 Delta R.T. -0.05 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

Instrument :  
 BNA\_G  
 ClientSampled :  
 TE-MW2-15MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.9  | 53.7  | 80.5  |
| 75      | 25.4  | 27.4  | 41.0  |

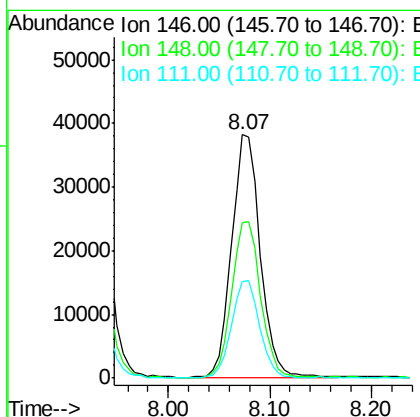
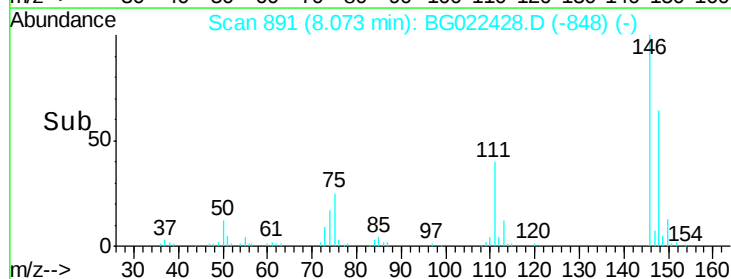
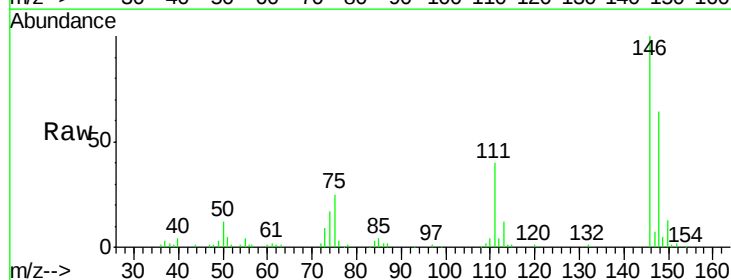
Manual Integrations  
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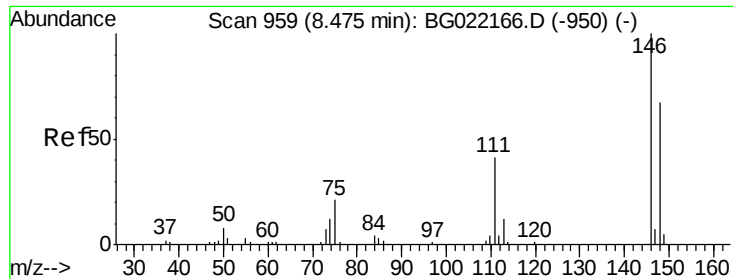
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#13  
 1,4-Dichlorobenzene  
 Concen: 40.75 ng  
 RT: 8.07 min Scan# 891  
 Delta R.T. -0.05 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.0  | 46.7  | 70.1  |
| 111     | 39.6  | 33.0  | 49.6  |





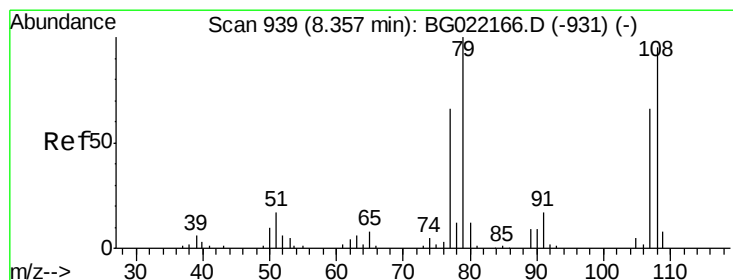
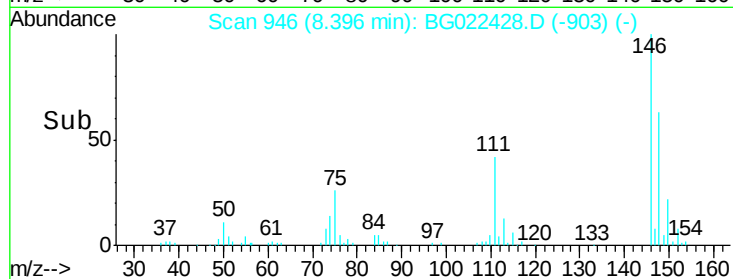
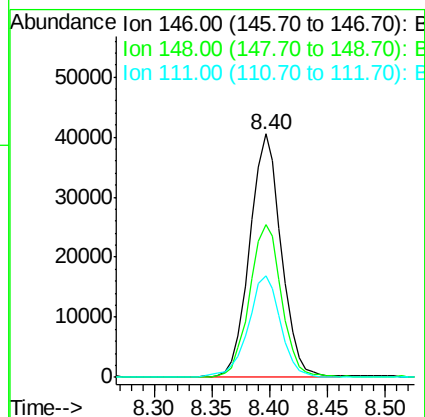
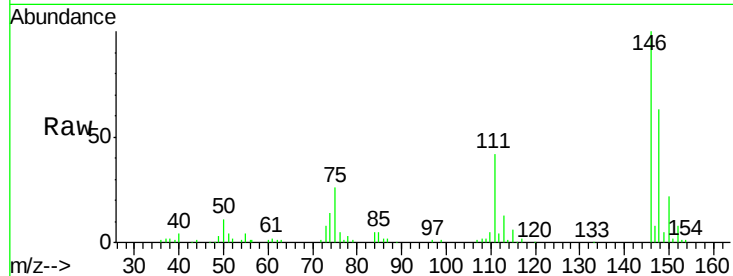
#14  
1,2-Dichlorobenzene  
Concen: 41.27 ng  
RT: 8.40 min Scan# 946  
Delta R.T. -0.05 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

Instrument :  
BNA\_G  
ClientSampled :  
TE-MW2-15MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.7  | 52.6  | 79.0  |
| 111     | 41.7  | 36.1  | 54.1  |

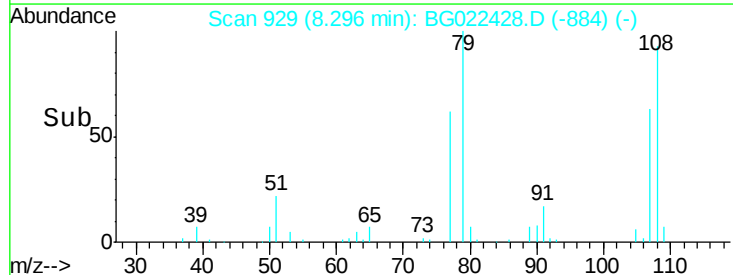
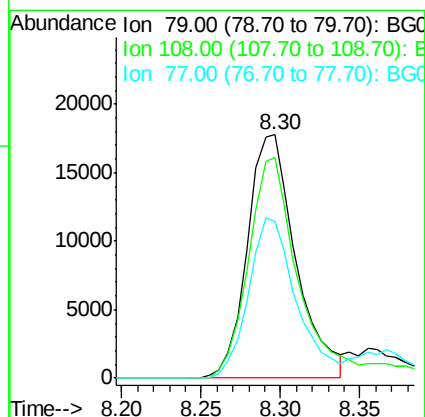
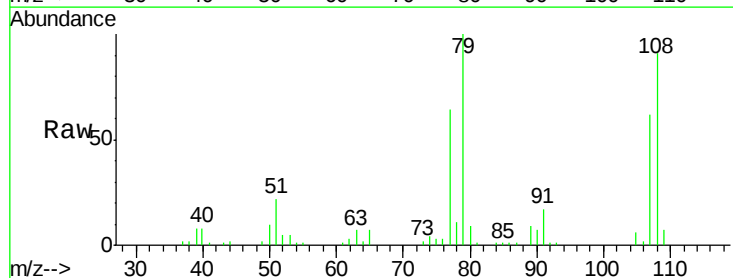
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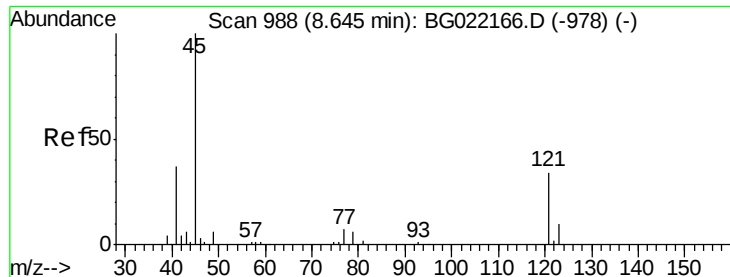
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#15  
Benzyl Alcohol  
Concen: 29.65 ng  
RT: 8.30 min Scan# 929  
Delta R.T. -0.04 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 90.8  | 59.4  | 89.0# |
| 77      | 64.4  | 52.2  | 78.2  |





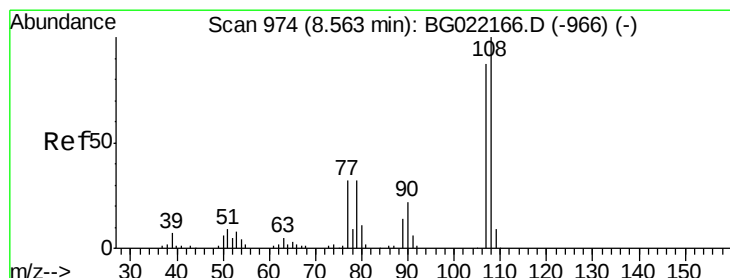
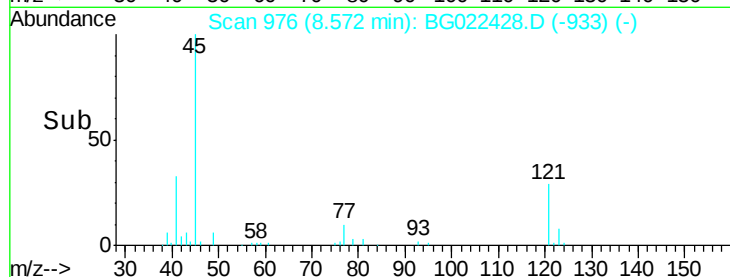
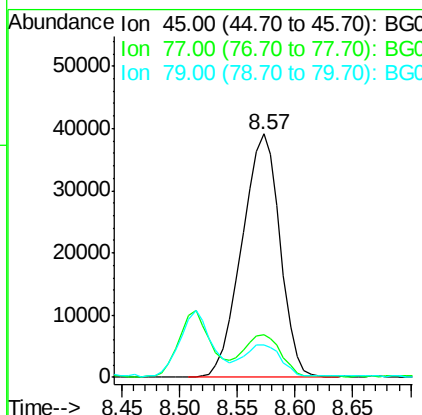
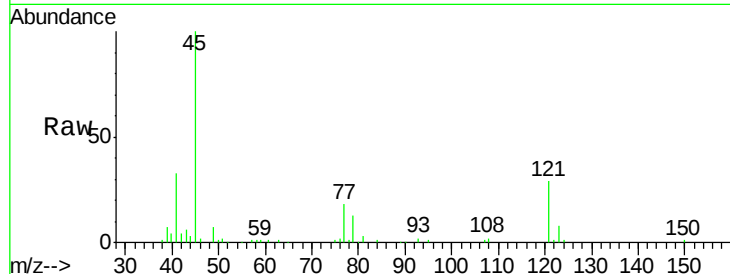
#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 53.19 ng  
RT: 8.57 min Scan# 976  
Delta R.T. -0.05 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

Instrument :  
BNA\_G  
ClientSampled :  
TE-MW2-15MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 17.7  | 0.0   | 31.2  |
| 79      | 13.4  | 0.0   | 29.0  |

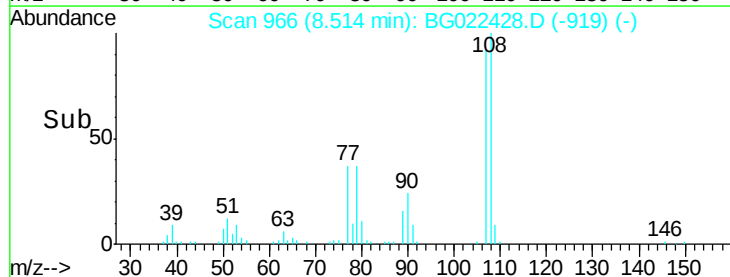
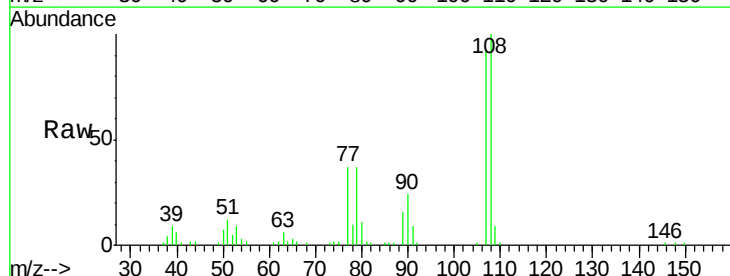
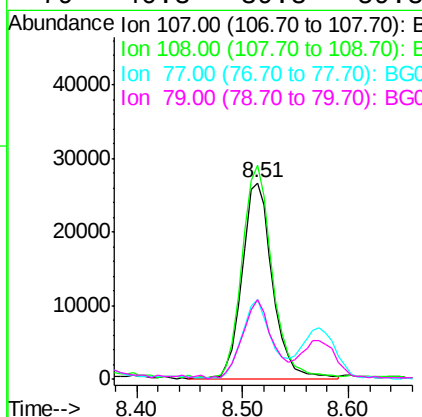
Manual Integrations  
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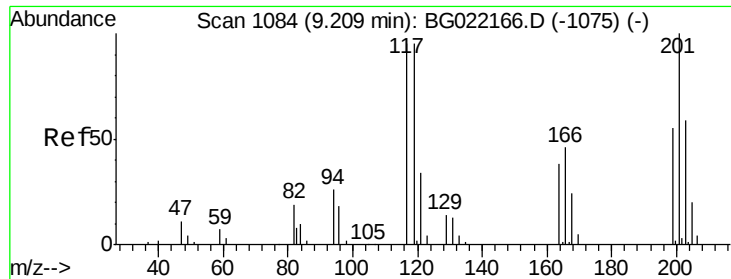
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#17  
2-Methylphenol  
Concen: 35.19 ng  
RT: 8.51 min Scan# 966  
Delta R.T. -0.02 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 109.0 | 80.2  | 120.4 |
| 77      | 40.5  | 40.7  | 61.1# |
| 79      | 40.3  | 39.8  | 59.8  |





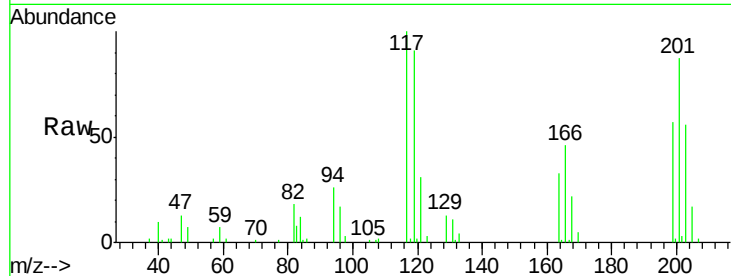
#18  
Hexachloroethane  
Concen: 42.73 ng  
RT: 9.12 min Scan# 1069  
Delta R.T. -0.05 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

Instrument :  
BNA\_G  
ClientSampleId :  
TE-MW2-15MS

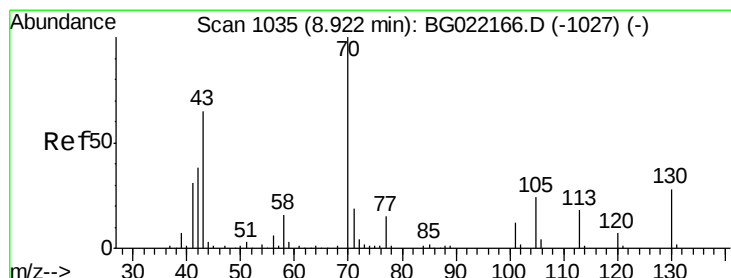
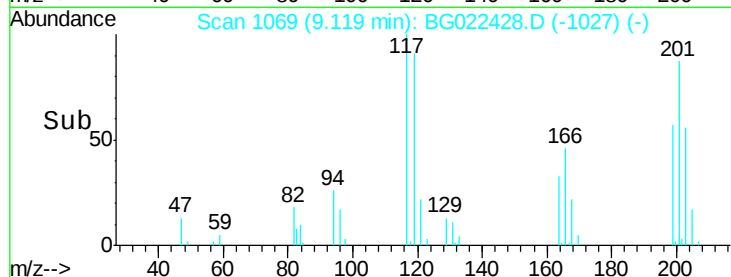
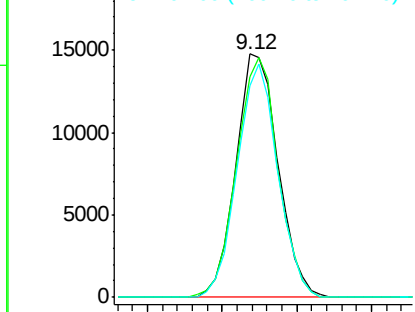
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 117     | 100   |            |            |
| 119     | 90.8  | 63.9       | 95.9       |
| 201     | 89.3  | 61.2       | 91.8       |

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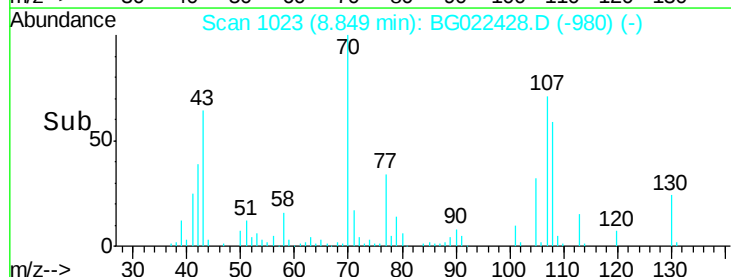
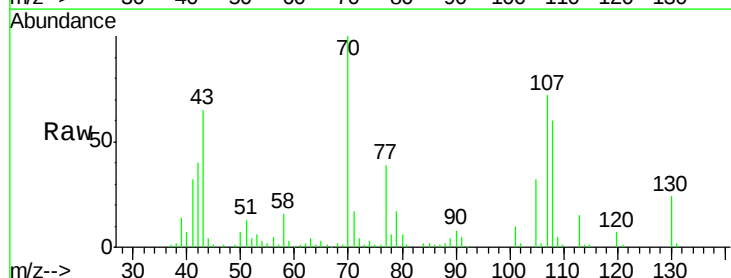
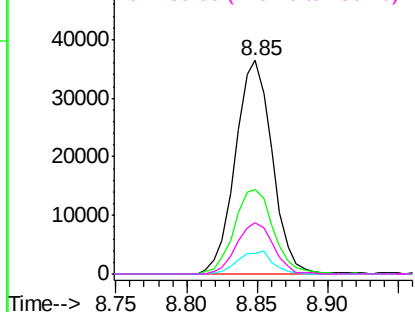
Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

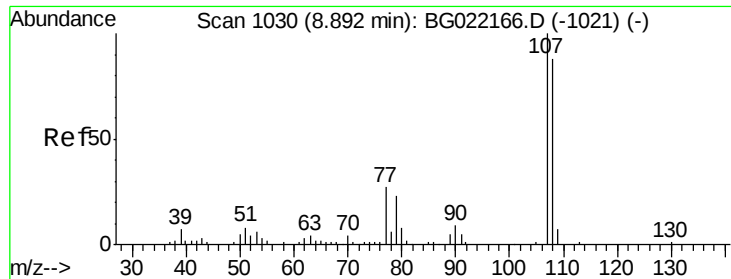


#19  
n-Nitroso-di-n-propylamine  
Concen: 49.73 ng  
RT: 8.85 min Scan# 1023  
Delta R.T. -0.05 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 70      | 100   |            |            |
| 42      | 39.7  | 56.7       | 85.1#      |
| 101     | 9.8   | 8.2        | 12.4       |
| 130     | 23.8  | 14.0       | 21.0#      |

Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): E  
Ion 130.00 (129.70 to 130.70): E





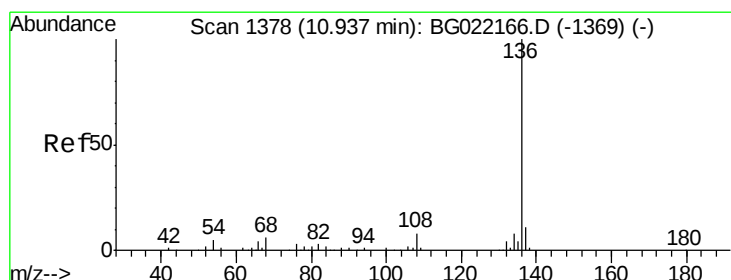
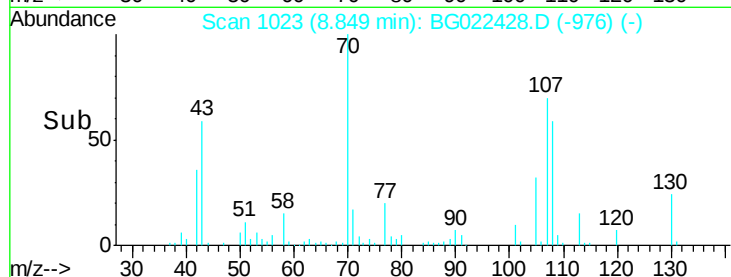
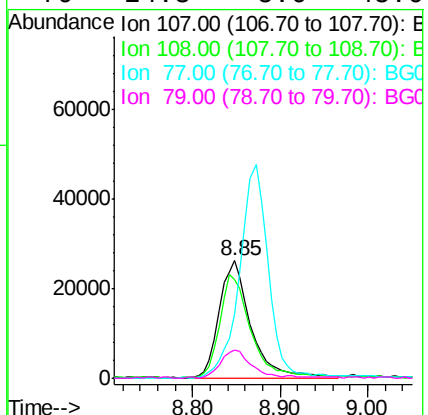
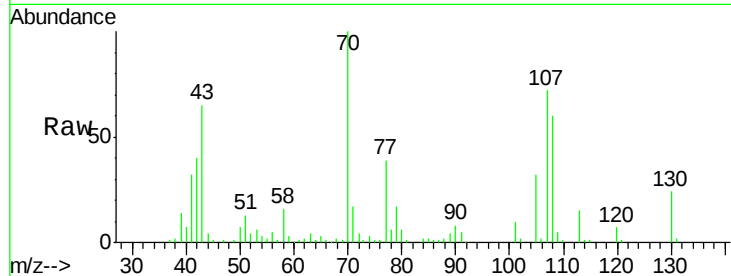
#20  
3+4-Methylphenols  
Concen: 30.31 ng  
RT: 8.85 min Scan# 1023  
Delta R.T. -0.02 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

Instrument :  
BNA\_G  
ClientSampleId :  
TE-MW2-15MS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 107     | 100   | 66050 |       |       |
| 108     | 83.8  | 66.2  | 106.2 |       |
| 77      | 54.9  | 11.5  | 51.5# |       |
| 79      | 24.3  | 5.6   | 45.6  |       |

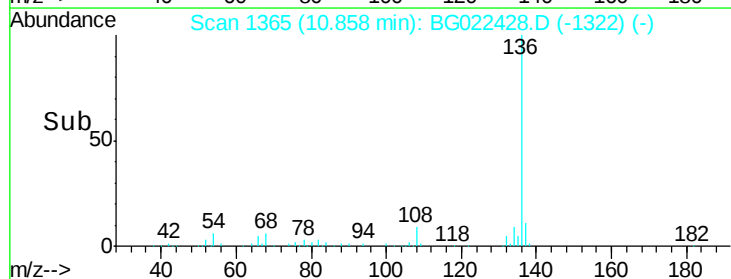
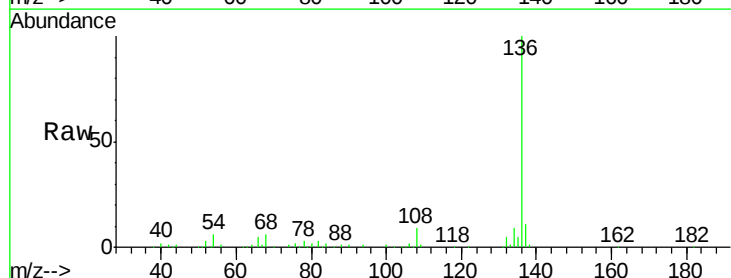
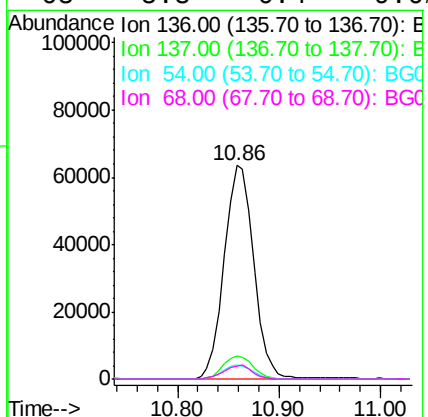
Manual Integrations  
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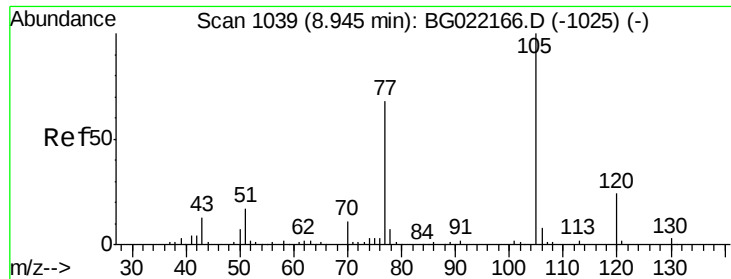
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#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.86 min Scan# 1365  
Delta R.T. -0.05 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 128546 |       |       |
| 137     | 10.7  | 9.0    | 13.4  |       |
| 54      | 6.3   | 9.6    | 14.4# |       |
| 68      | 5.8   | 6.4    | 9.6#  |       |





#22

Acetophenone

Concen: 45.59 ng

RT: 8.87 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BG022428.D

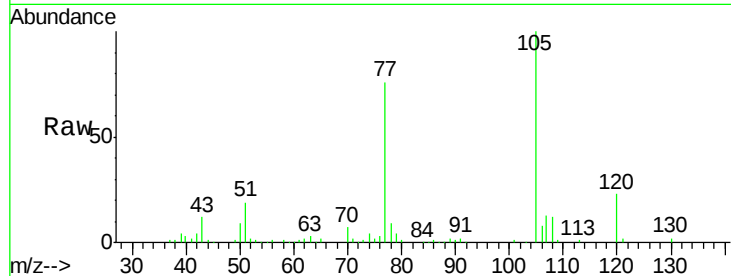
Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

ClientSampleId :

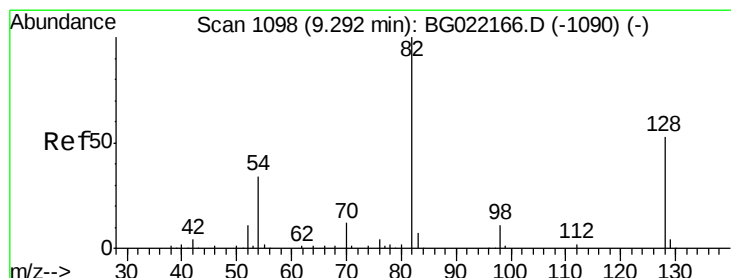
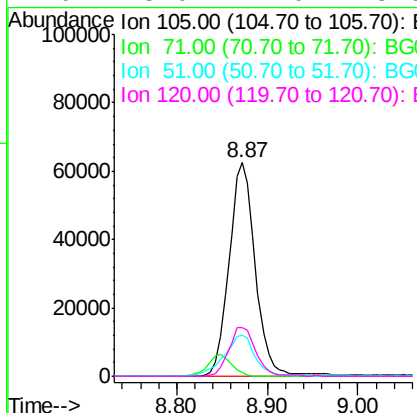
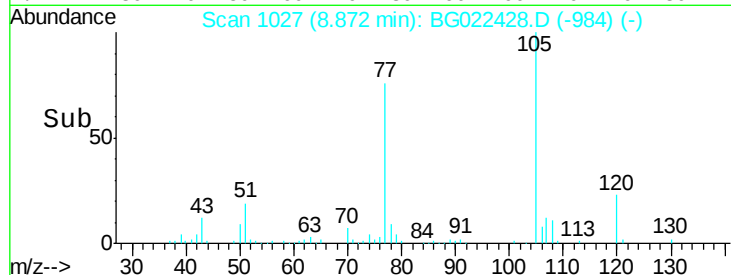
TE-MW2-15MS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 126283 |       |       |
| 71      | 1.5   | 0.0    | 0.0#  |       |
| 51      | 19.2  | 25.7   | 38.5# |       |
| 120     | 23.0  | 17.0   | 25.6  |       |

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#23

Nitrobenzene-d5

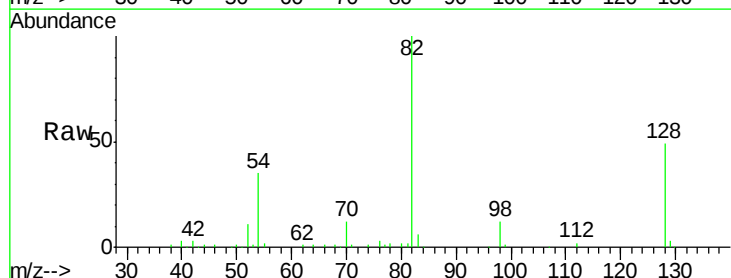
Concen: 97.70 ng

RT: 9.22 min Scan# 1086

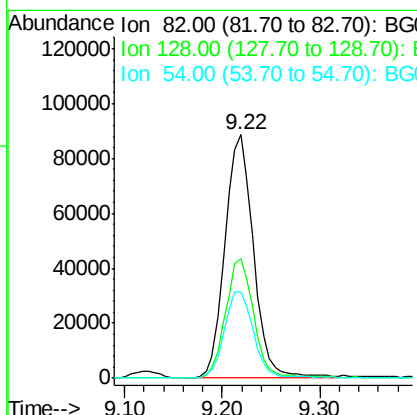
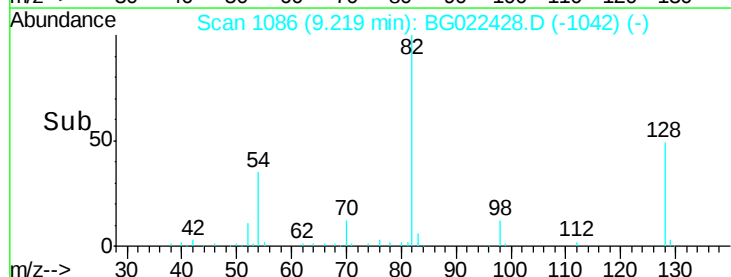
Delta R.T. -0.04 min

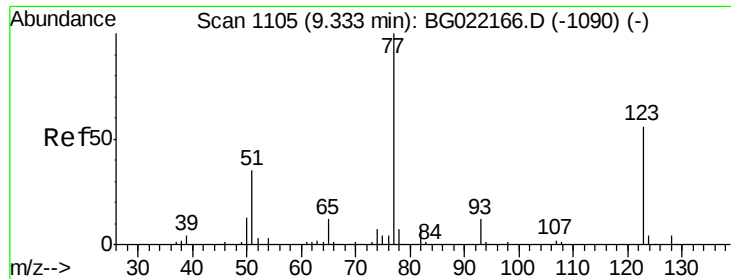
Lab File: BG022428.D

Acq: 18 Jun 2016 17:58



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 180147 |       |       |
| 128     | 49.1  | 33.4   | 50.0  |       |
| 54      | 35.2  | 46.1   | 69.1# |       |





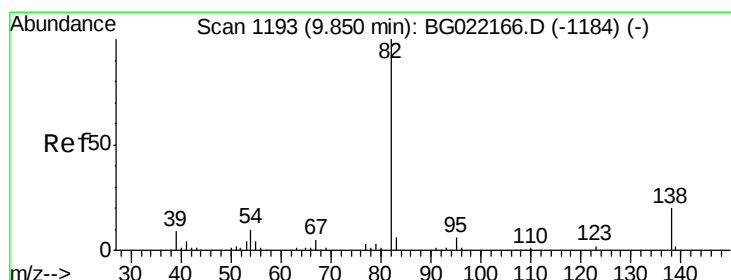
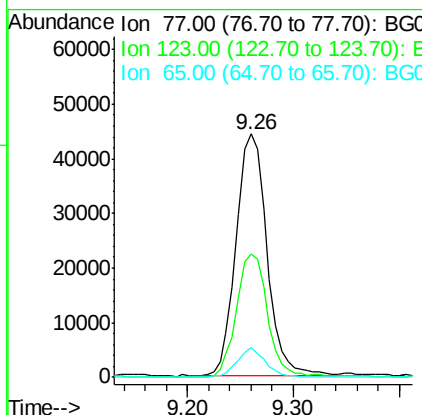
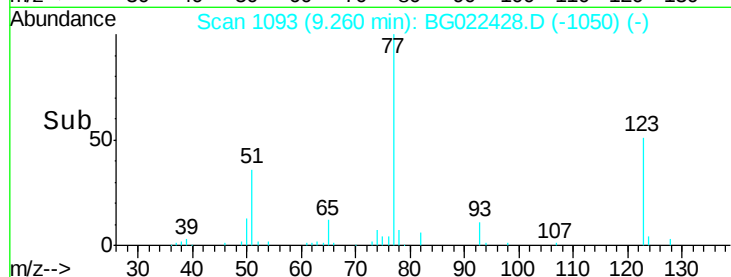
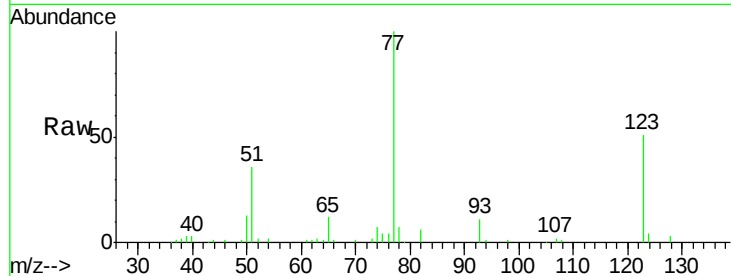
#24  
 Nitrobenzene  
 Concen: 48.69 ng  
 RT: 9.26 min Scan# 1093  
 Delta R.T. -0.05 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TE-MW2-15MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 50.9  | 32.2  | 48.4# |
| 65      | 12.0  | 10.3  | 15.5  |

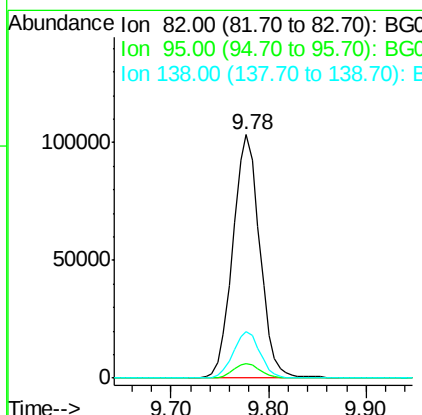
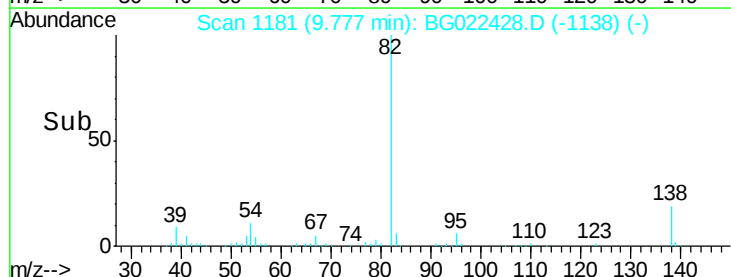
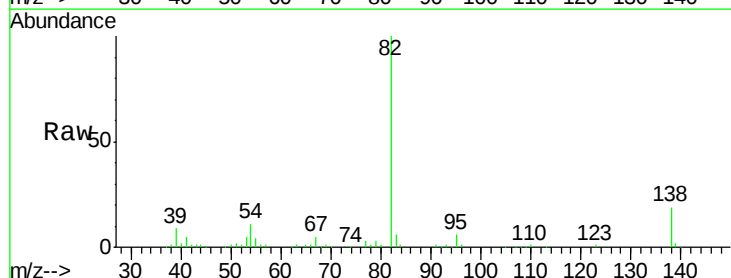
Manual Integrations  
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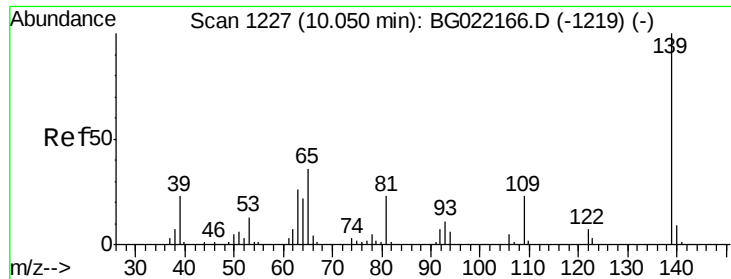
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#25  
 Isophorone  
 Concen: 46.14 ng  
 RT: 9.78 min Scan# 1181  
 Delta R.T. -0.05 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 95      | 6.2   | 6.0   | 9.0   |
| 138     | 18.8  | 13.4  | 20.0  |





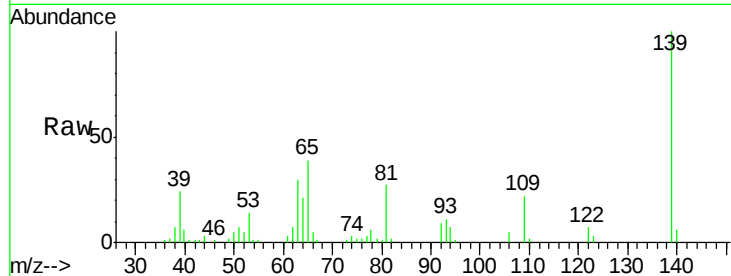
#26  
2-Nitrophenol  
Concen: 46.94 ng  
RT: 9.98 min Scan# 1215  
Delta R.T. -0.04 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

Instrument :  
BNA\_G  
ClientSampleId :  
TE-MW2-15MS

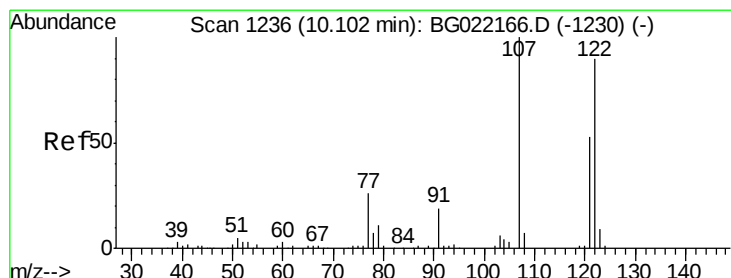
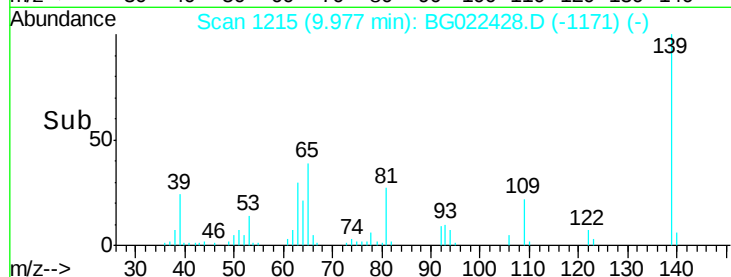
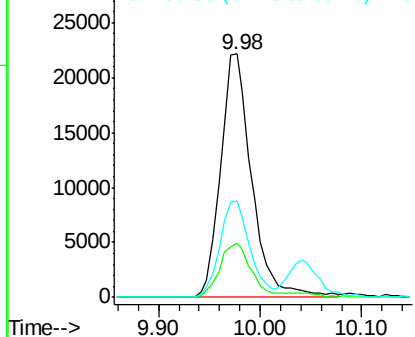
| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 47198 |       |       |
| 109     | 22.3  | 26.6  | 40.0# |       |
| 65      | 39.5  | 45.3  | 67.9# |       |

Manual Integrations  
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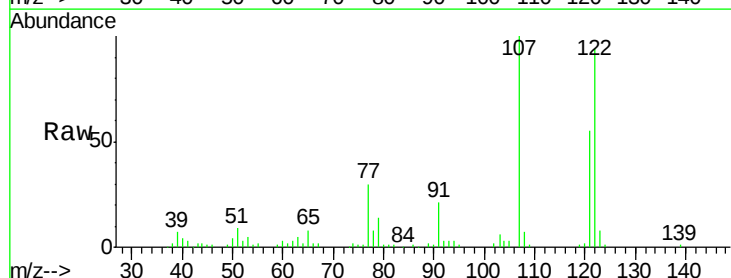


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): B

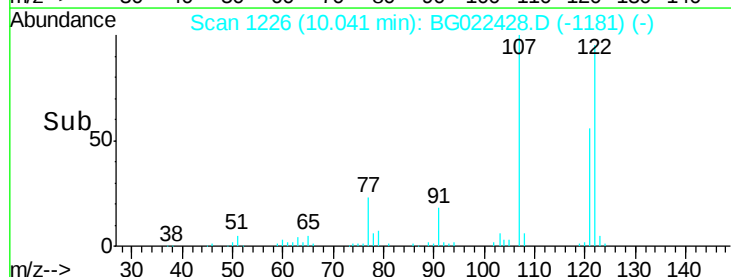
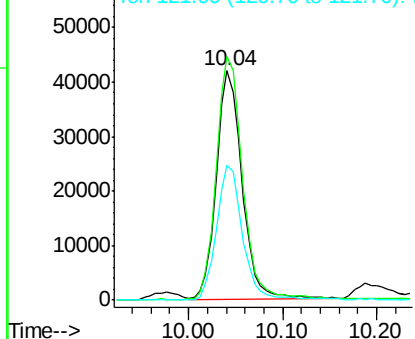


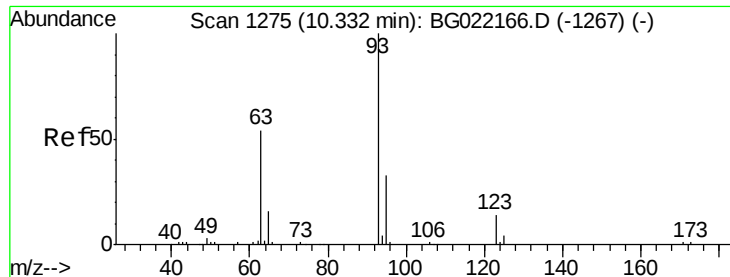
#27  
2,4-Dimethylphenol  
Concen: 43.98 ng  
RT: 10.04 min Scan# 1226  
Delta R.T. -0.04 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 122     | 100   | 80033 |       |       |
| 107     | 106.1 | 97.2  | 145.8 |       |
| 121     | 58.9  | 49.0  | 73.4  |       |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E





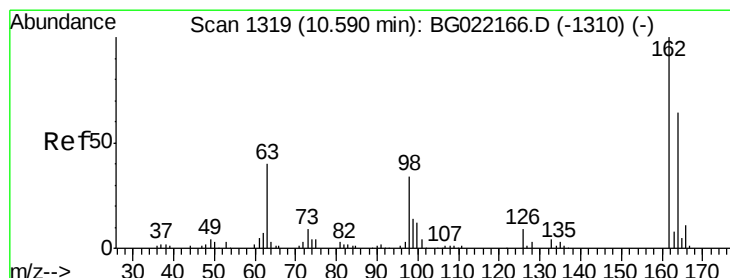
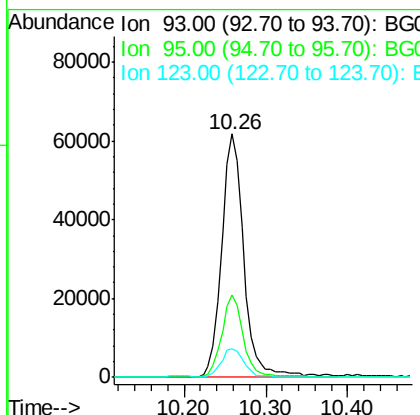
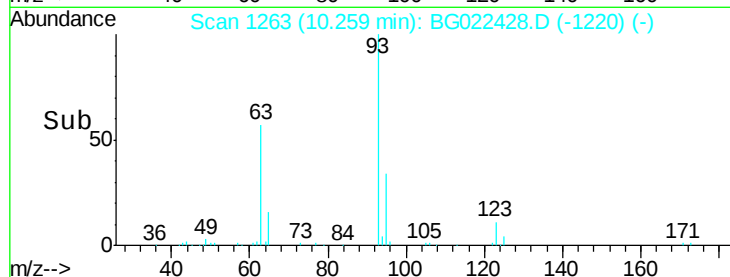
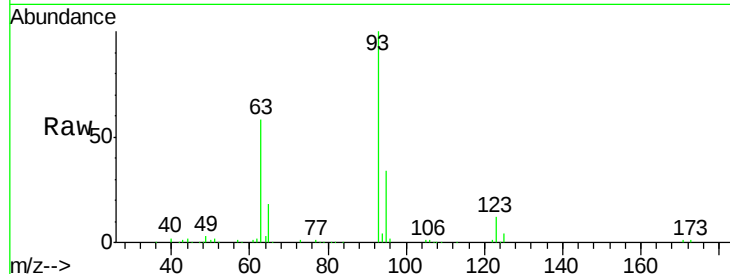
#28  
bis(2-Chloroethoxy)methane  
Concen: 47.60 ng  
RT: 10.26 min Scan# 1263  
Delta R.T. -0.05 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

Instrument :  
BNA\_G  
ClientSampleId :  
TE-MW2-15MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 117631 |       |       |
| 95      | 33.8  | 30.1   | 45.1  |       |
| 123     | 11.8  | 10.2   | 15.4  |       |

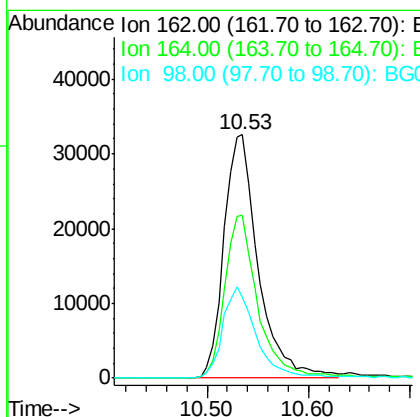
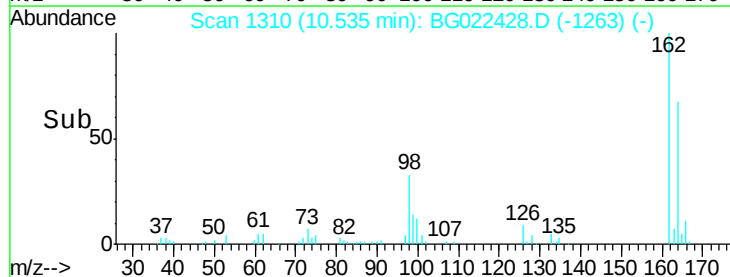
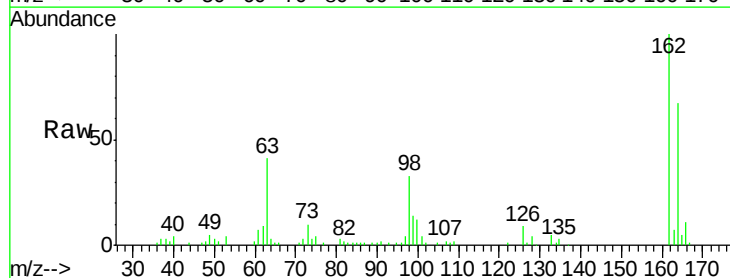
Manual Integrations  
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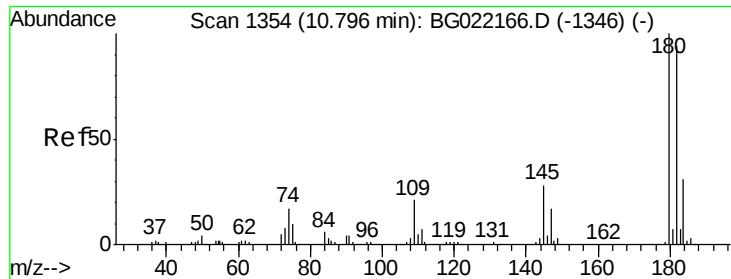
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#29  
2,4-Dichlorophenol  
Concen: 45.27 ng  
RT: 10.53 min Scan# 1310  
Delta R.T. -0.02 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 162     | 100   | 76317 |       |       |
| 164     | 67.0  | 44.9  | 84.9  |       |
| 98      | 33.3  | 19.2  | 59.2  |       |





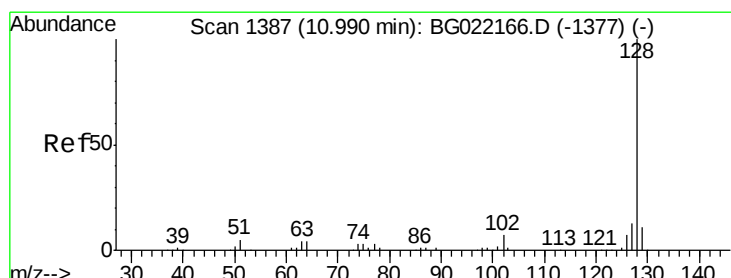
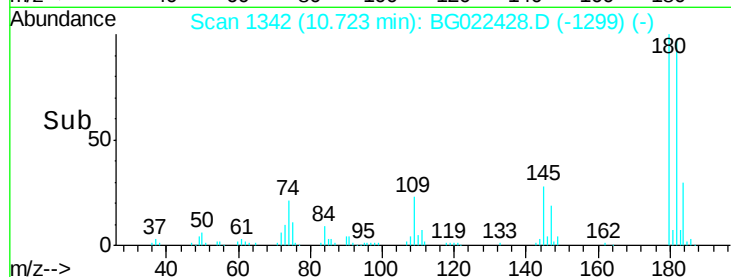
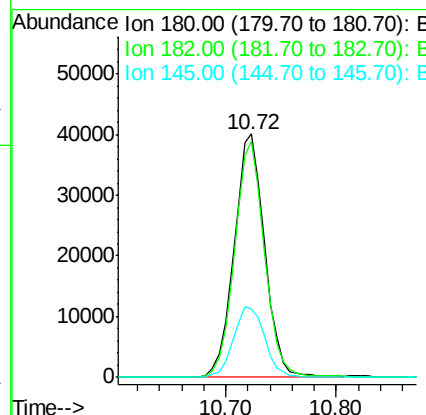
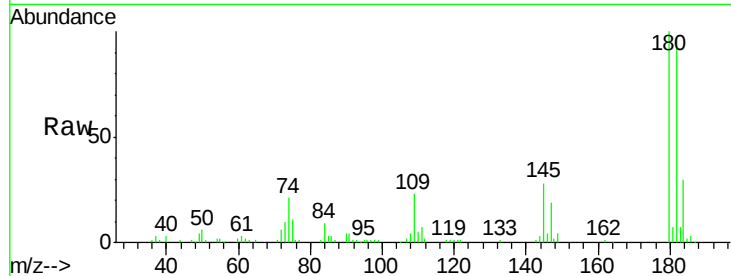
#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.30 ng  
 RT: 10.72 min Scan# 1342  
 Delta R.T. -0.05 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TE-MW2-15MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.7  | 82.3  | 123.5 |
| 145     | 28.2  | 24.4  | 36.6  |

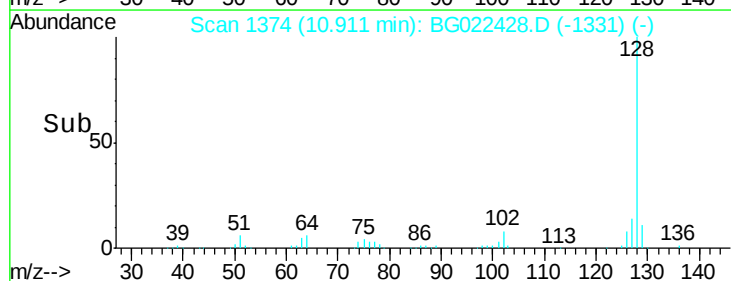
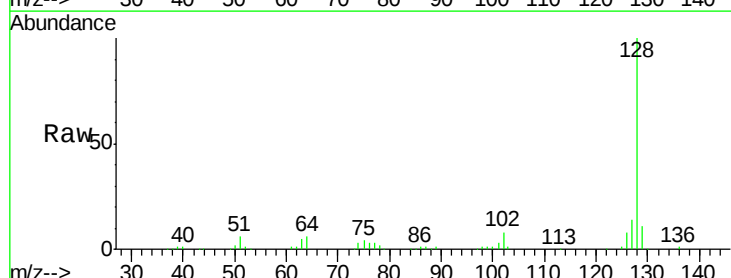
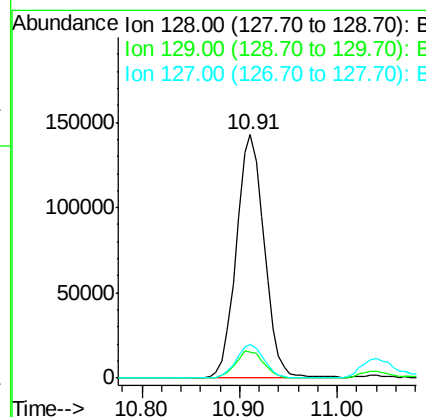
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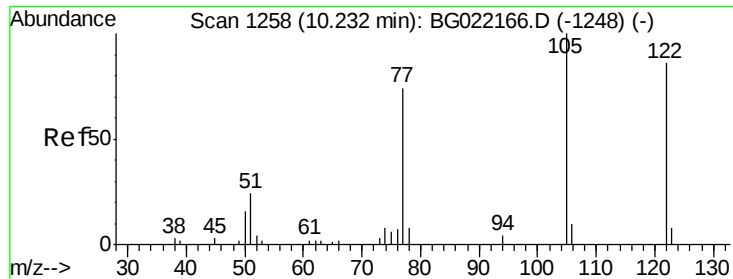
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#31  
 Naphthalene  
 Concen: 44.41 ng  
 RT: 10.91 min Scan# 1374  
 Delta R.T. -0.05 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.8  | 7.0   | 10.6# |
| 127     | 14.0  | 10.1  | 15.1  |





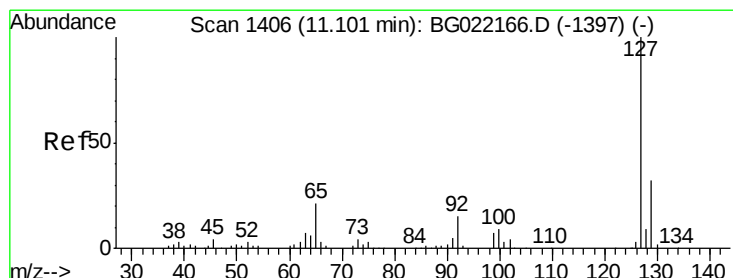
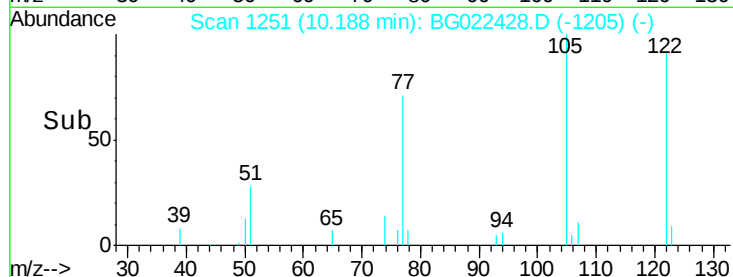
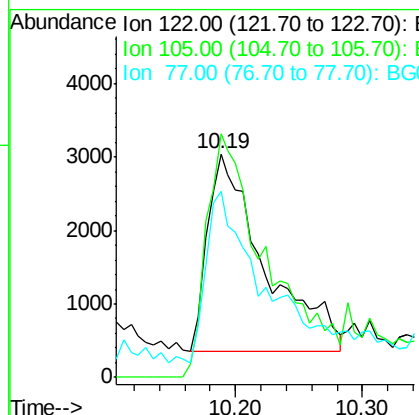
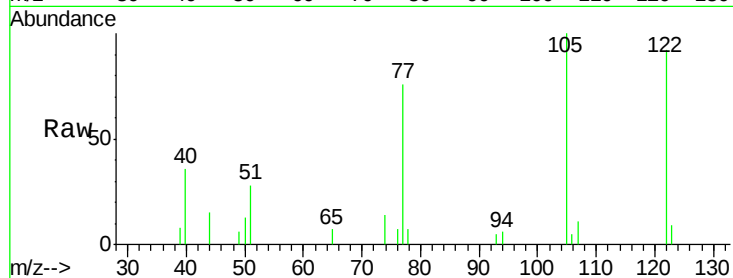
#32  
Benzoic acid  
Concen: 21.26 ng  
RT: 10.19 min Scan# 1251  
Delta R.T. -0.03 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

Instrument :  
BNA\_G  
ClientSampleId :  
TE-MW2-15MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 122   | Resp: | 8439  |
| Ion Ratio | Lower | Upper |       |
| 122       | 100   |       |       |
| 105       | 109.1 | 104.5 | 144.5 |
| 77        | 83.3  | 79.9  | 119.9 |

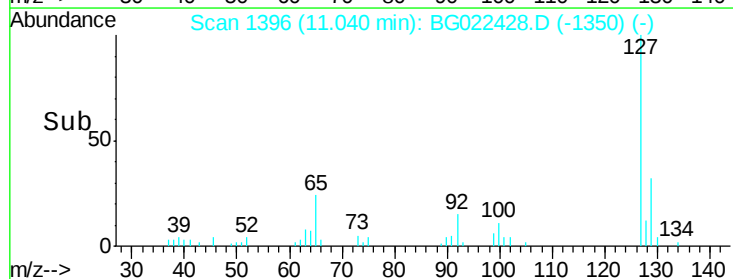
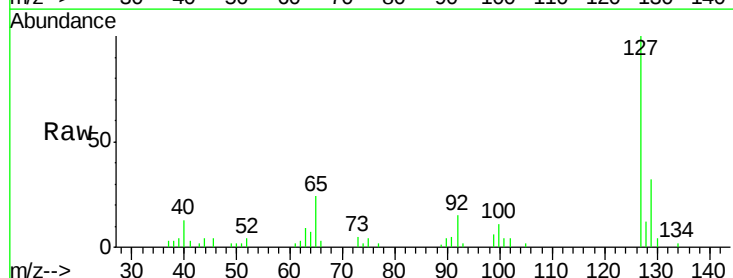
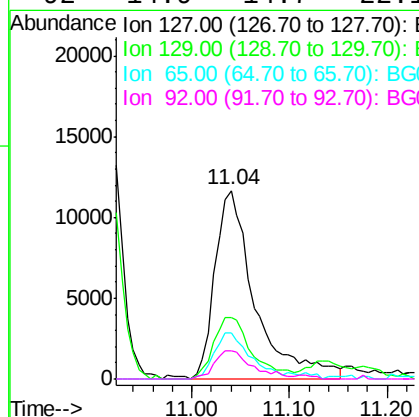
Manual Integrations  
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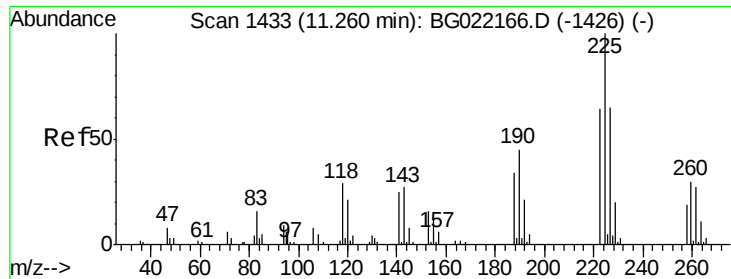
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#33  
4-Chloroaniline  
Concen: 12.47 ng  
RT: 11.04 min Scan# 1396  
Delta R.T. -0.03 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 127   | Resp: | 33263 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 32.5  | 26.6  | 39.8  |
| 65        | 24.4  | 27.5  | 41.3# |
| 92        | 14.9  | 14.7  | 22.1  |





#34

Hexachlorobutadiene

Concen: 39.90 ng

RT: 11.18 min Scan# 1420

Delta R.T. -0.05 min

Lab File: BG022428.D

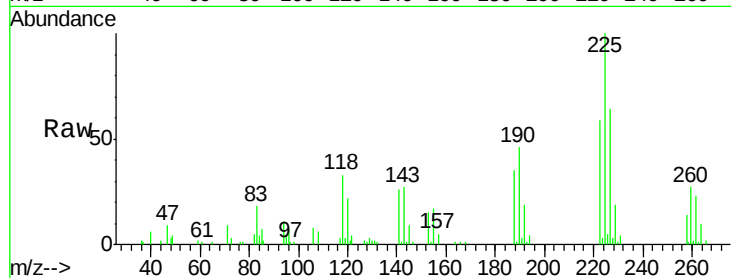
Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

ClientSampleId :

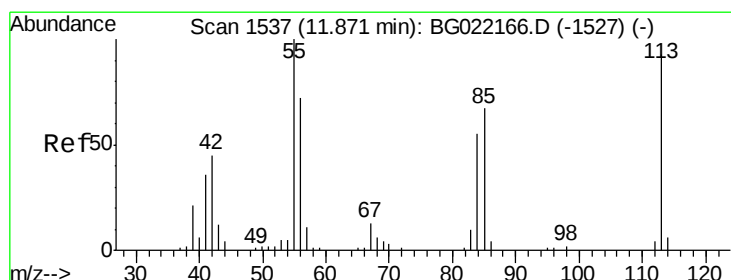
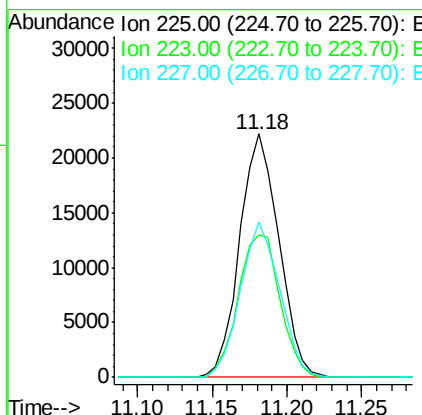
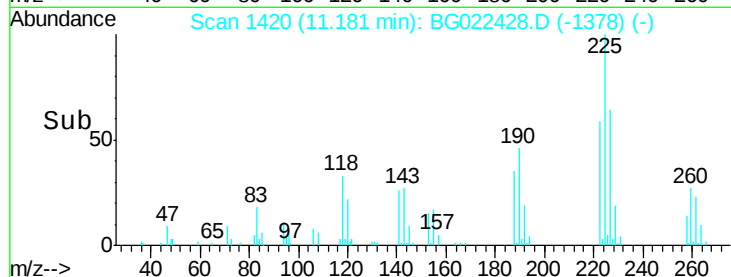
TE-MW2-15MS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 59.0  | 52.7  | 79.1  |
| 227     | 63.4  | 49.7  | 74.5  |

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#35

Caprolactam

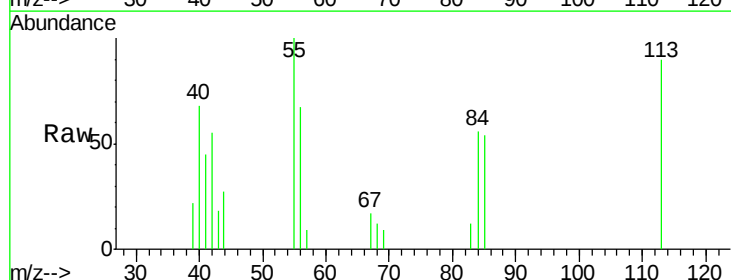
Concen: 6.47 ng

RT: 11.84 min Scan# 1532

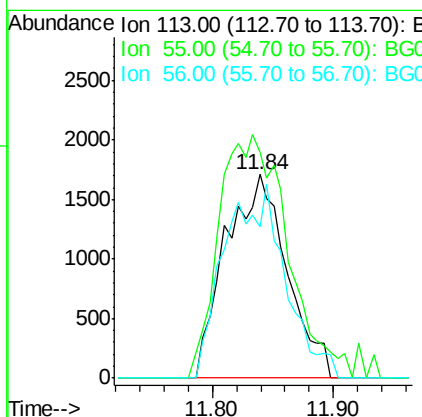
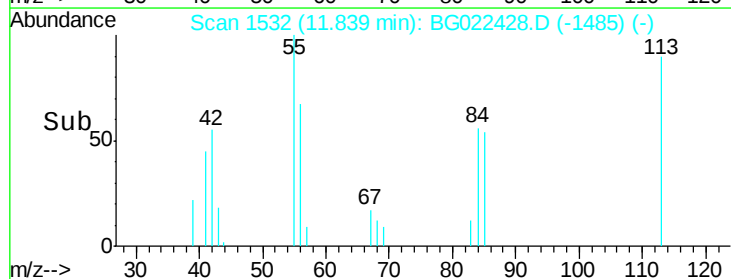
Delta R.T. -0.02 min

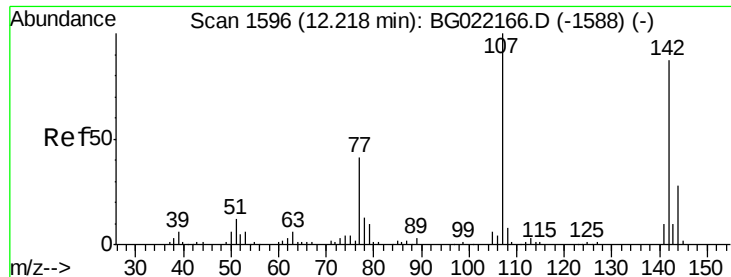
Lab File: BG022428.D

Acq: 18 Jun 2016 17:58



| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 113     | 100   |       |        |
| 55      | 110.6 | 194.2 | 234.2# |
| 56      | 74.6  | 122.6 | 162.6# |





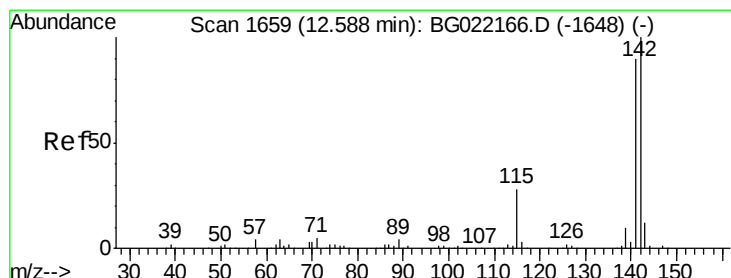
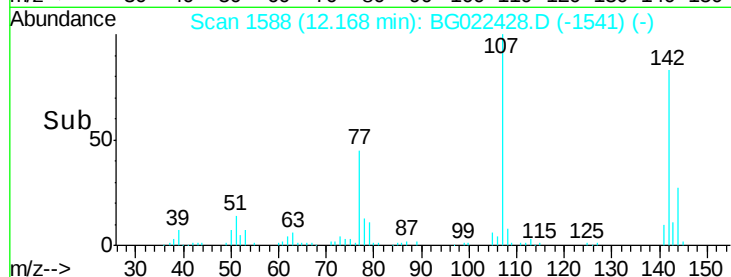
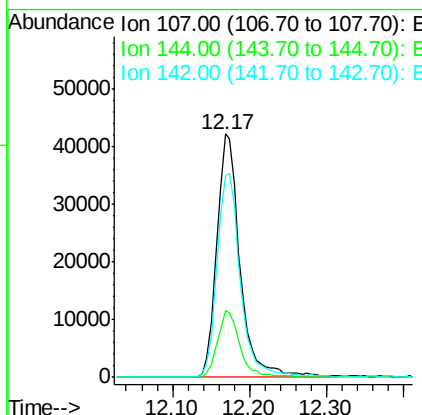
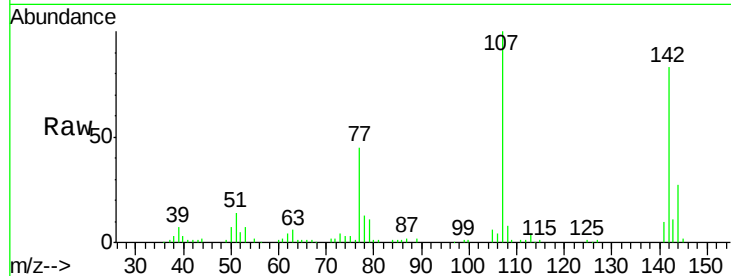
#36  
 4-Chloro-3-methylphenol  
 Concen: 43.95 ng  
 RT: 12.17 min Scan# 1588  
 Delta R.T. -0.02 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TE-MW2-15MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 27.4  | 19.2  | 28.8  |
| 142     | 82.7  | 59.1  | 88.7  |

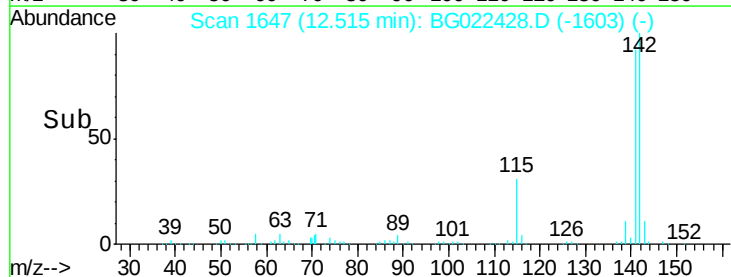
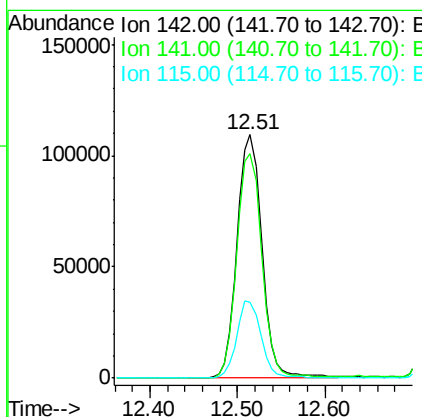
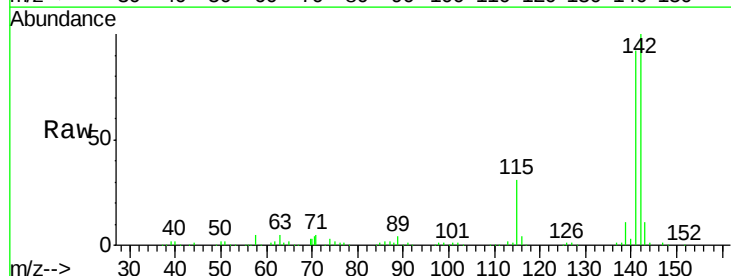
Manual Integrations  
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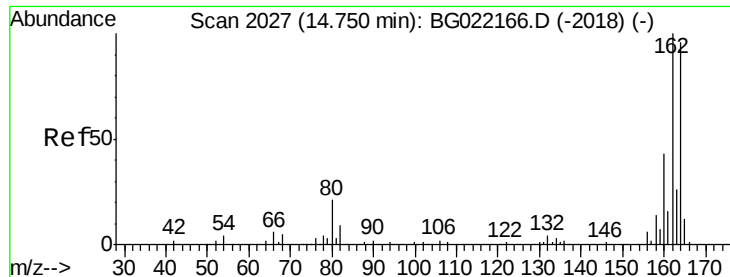
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#37  
 2-Methylnaphthalene  
 Concen: 44.38 ng  
 RT: 12.51 min Scan# 1647  
 Delta R.T. -0.04 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.9  | 71.4  | 107.0 |
| 115     | 31.0  | 27.4  | 41.2  |





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 2016

Delta R.T. -0.04 min

Lab File: BG022428.D

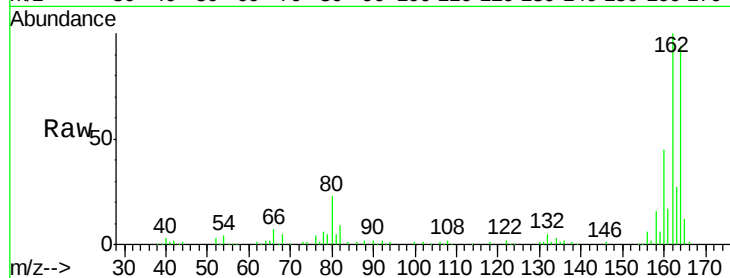
Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

ClientSampleId :

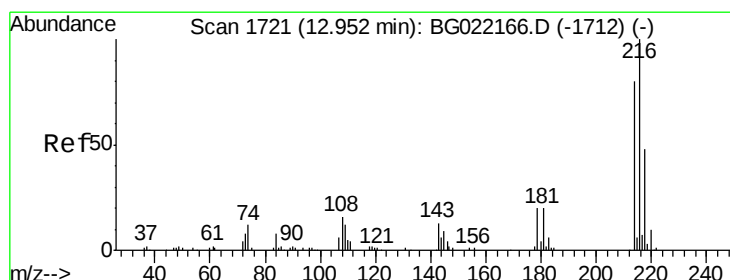
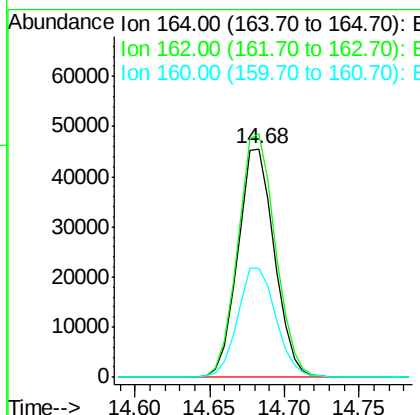
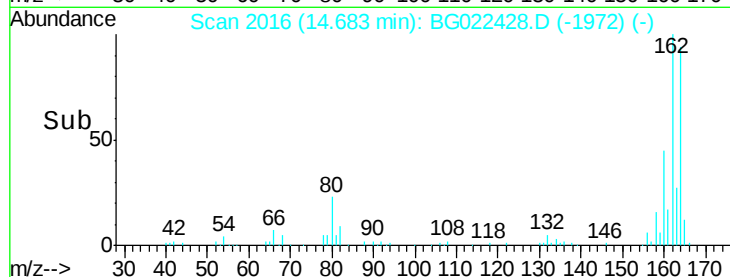
TE-MW2-15MS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 77314 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 106.5 | 78.0  | 117.0 |
| 160       | 47.6  | 32.9  | 49.3  |

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.18 ng

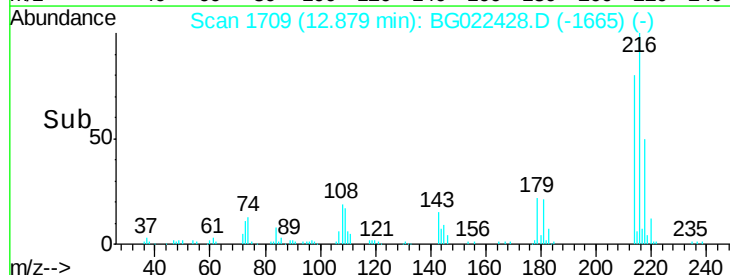
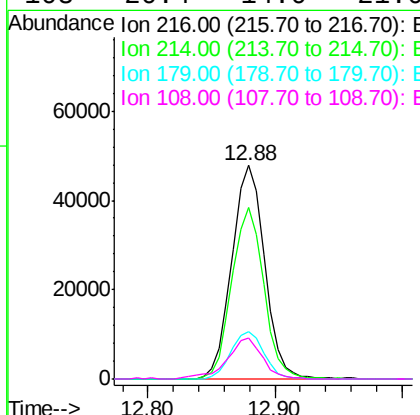
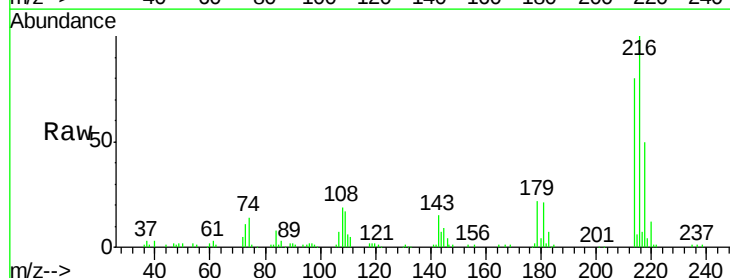
RT: 12.88 min Scan# 1709

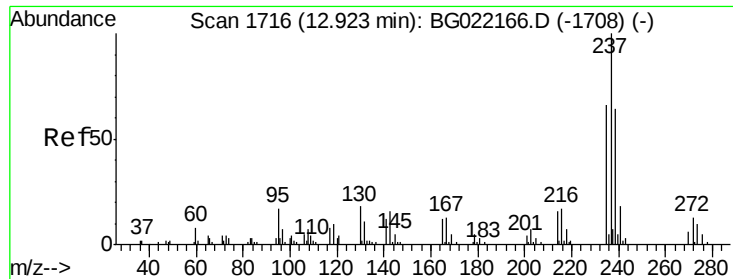
Delta R.T. -0.04 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 85931 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 78.1  | 62.2  | 93.2  |
| 179       | 22.1  | 16.7  | 25.1  |
| 108       | 20.4  | 14.0  | 21.0  |





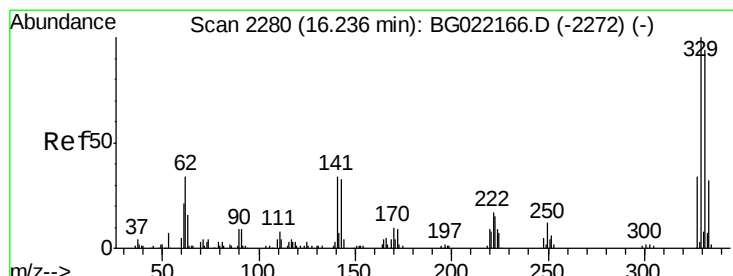
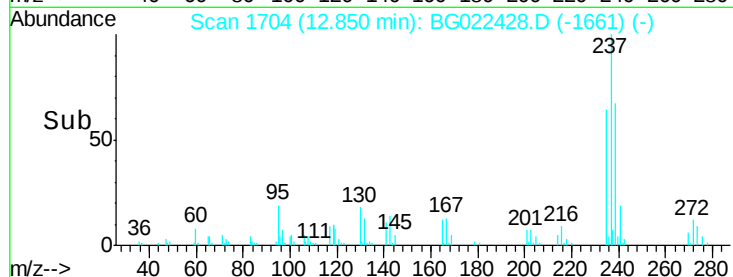
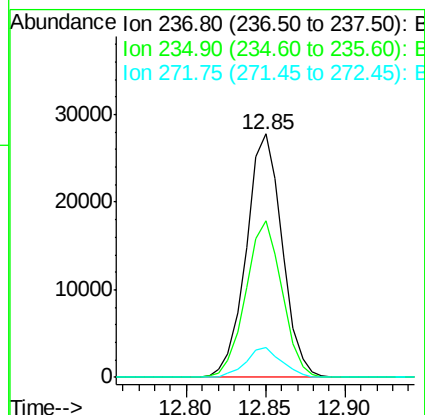
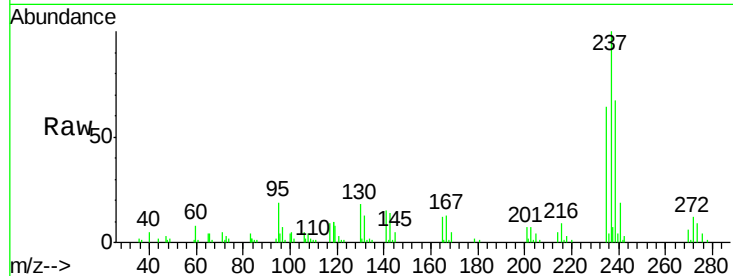
#40  
Hexachlorocyclopentadiene  
Concen: 45.38 ng  
RT: 12.85 min Scan# 1704  
Delta R.T. -0.05 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

Instrument :  
BNA\_G  
ClientSampleId :  
TE-MW2-15MS

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 237     | 100   |            |       |
| 235     | 64.3  | 43.2       | 83.2  |
| 272     | 12.4  | 0.0        | 33.4  |

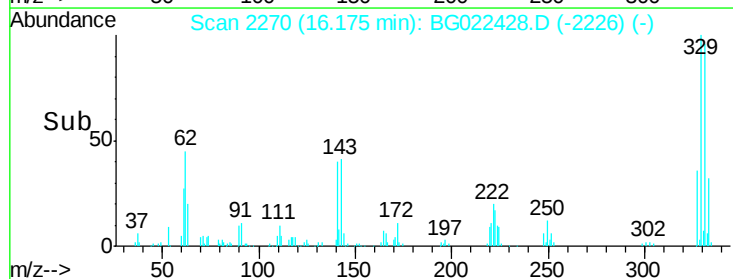
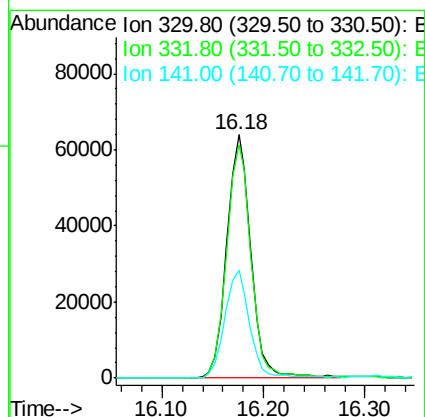
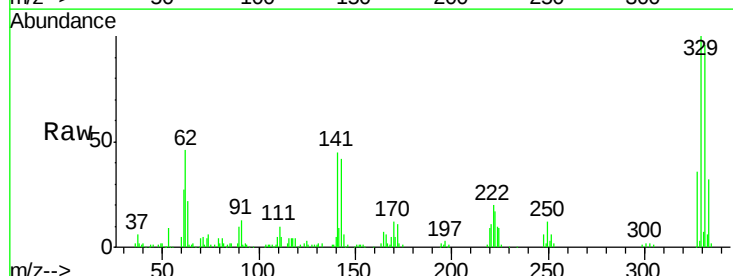
Manual Integrations  
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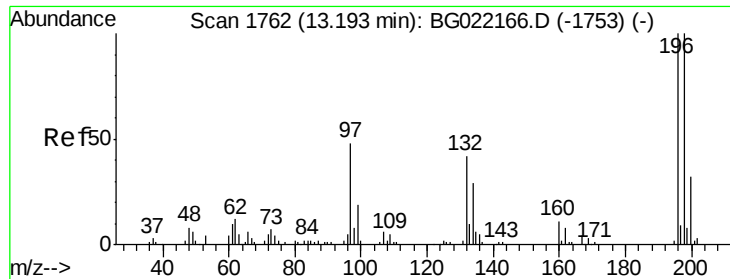
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#41  
2,4,6-Tribromophenol  
Concen: 121.02 ng  
RT: 16.18 min Scan# 2270  
Delta R.T. -0.04 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 330     | 100   |            |       |
| 332     | 97.2  | 78.0       | 117.0 |
| 141     | 45.8  | 33.8       | 50.8  |





#42

2,4,6-Trichlorophenol

Concen: 48.51 ng

RT: 13.13 min Scan# 1752

Delta R.T. -0.04 min

Lab File: BG022428.D

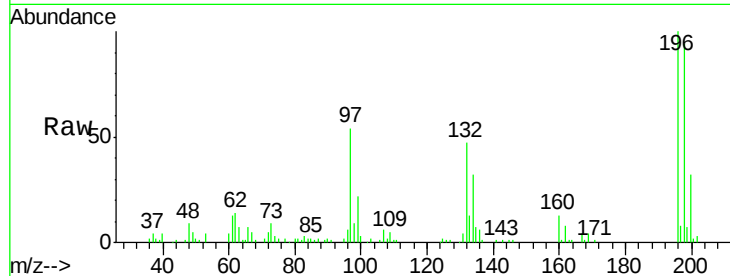
Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

ClientSampled :

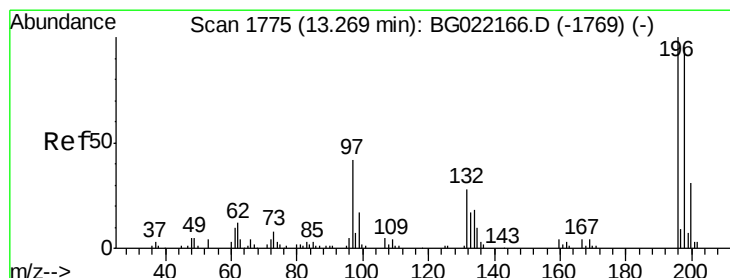
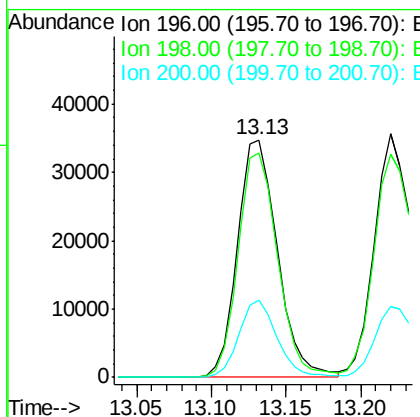
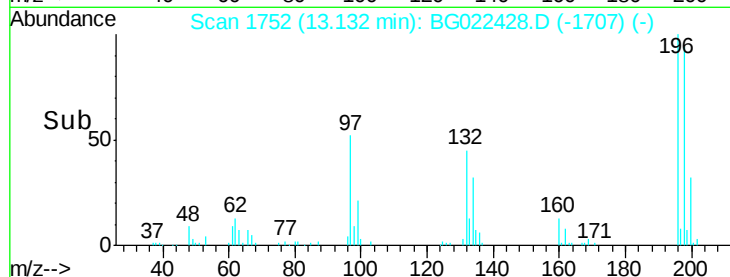
TE-MW2-15MS



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 196   | Resp: | 64766 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 94.2  | 80.1  | 120.1 |
| 200      | 34.5  | 24.1  | 36.1  |

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#43

2,4,5-Trichlorophenol

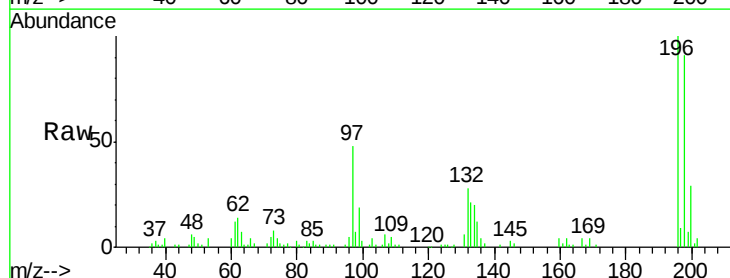
Concen: 44.10 ng

RT: 13.22 min Scan# 1767

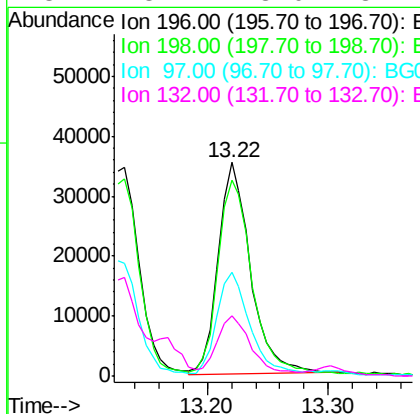
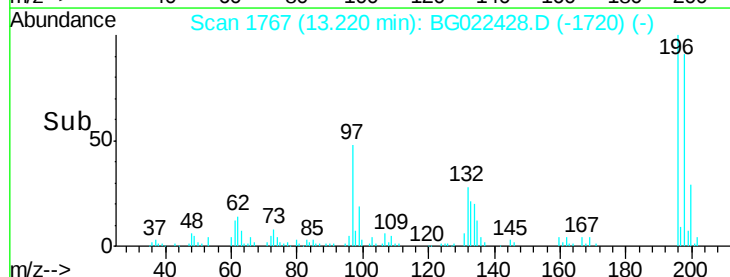
Delta R.T. -0.02 min

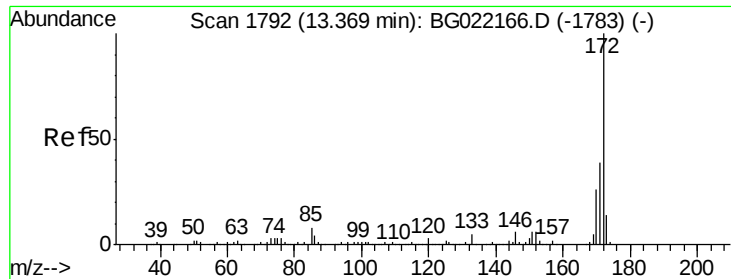
Lab File: BG022428.D

Acq: 18 Jun 2016 17:58



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 196   | Resp: | 65051 |
| Ion      | Ratio | Lower | Upper |
| 196      | 100   |       |       |
| 198      | 91.4  | 78.0  | 117.0 |
| 97       | 48.4  | 43.0  | 64.6  |
| 132      | 28.2  | 23.0  | 34.4  |





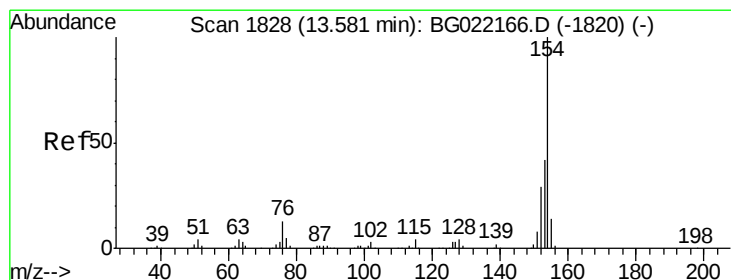
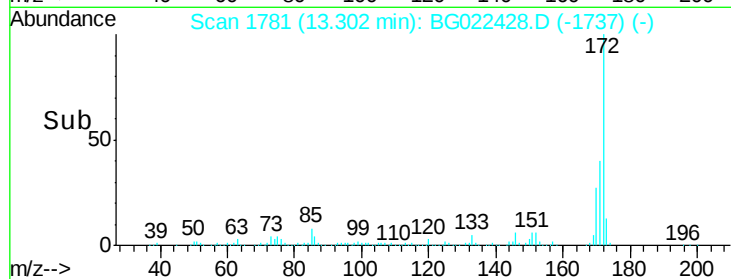
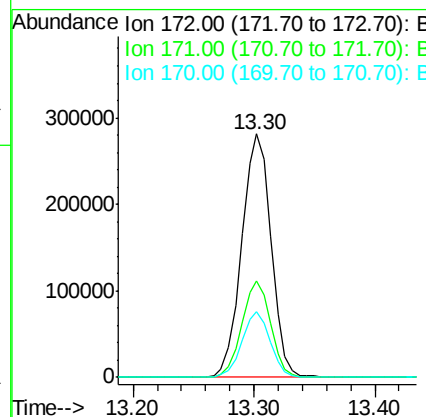
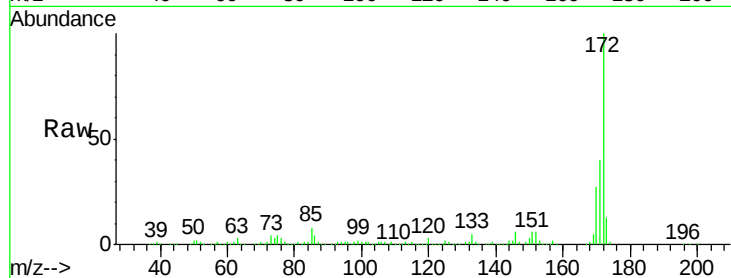
#44  
 2-Fluorobiphenyl  
 Concen: 94.05 ng  
 RT: 13.30 min Scan# 1781  
 Delta R.T. -0.04 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TE-MW2-15MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 172     | 100   | 477157 |       |       |
| 171     | 39.8  | 27.8   | 41.6  |       |
| 170     | 26.7  | 19.6   | 29.4  |       |

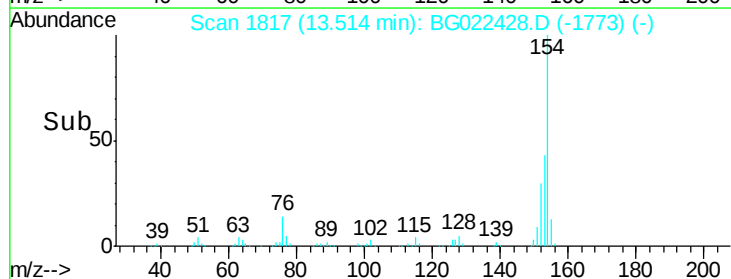
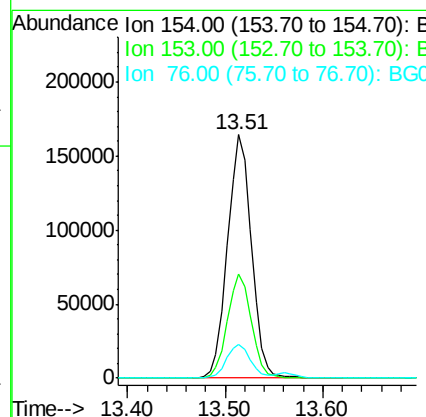
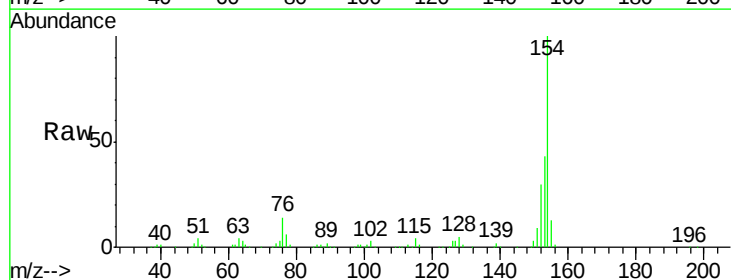
Manual Integrations  
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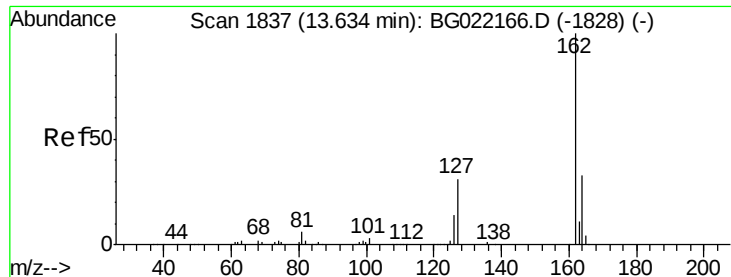
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#45  
 1,1'-Biphenyl  
 Concen: 47.96 ng  
 RT: 13.51 min Scan# 1817  
 Delta R.T. -0.04 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 279043 |       |       |
| 153     | 43.0  | 19.7   | 59.7  |       |
| 76      | 14.1  | 0.0    | 33.0  |       |





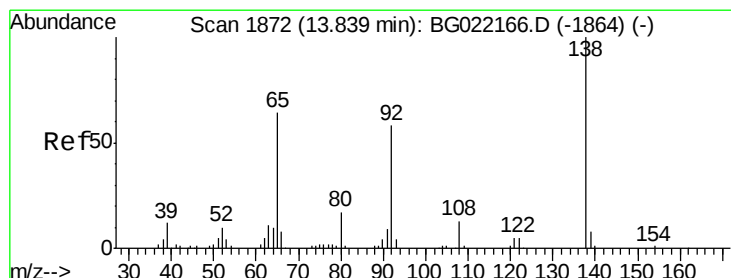
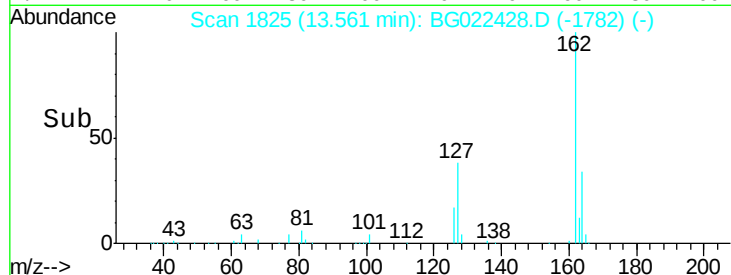
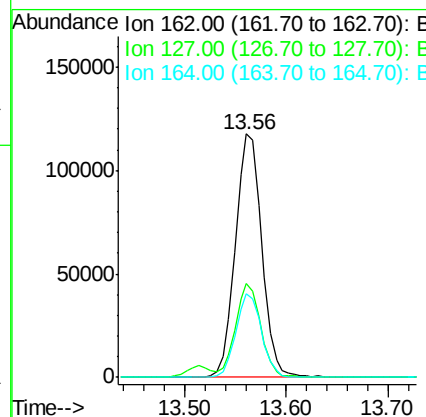
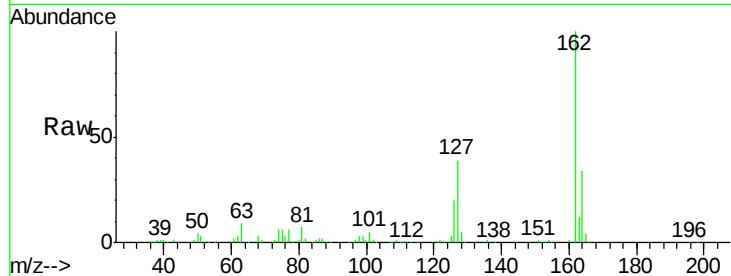
#46  
2-Chloronaphthalene  
Concen: 47.71 ng  
RT: 13.56 min Scan# 1825  
Delta R.T. -0.05 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

Instrument :  
BNA\_G  
ClientSampleId :  
TE-MW2-15MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 212803 |       |       |
| 127     | 38.8  | 32.0   | 48.0  |       |
| 164     | 34.2  | 27.0   | 40.4  |       |

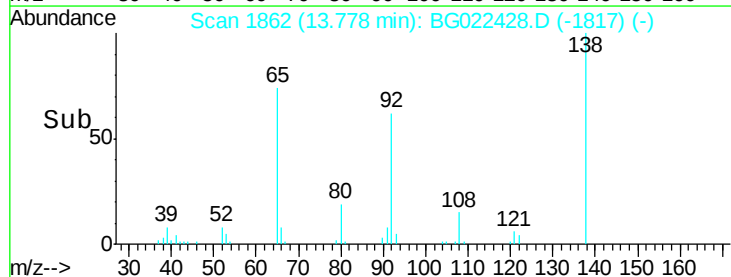
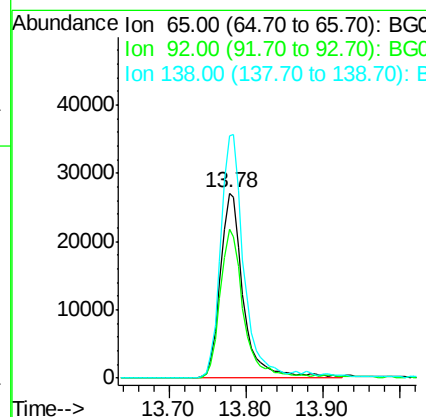
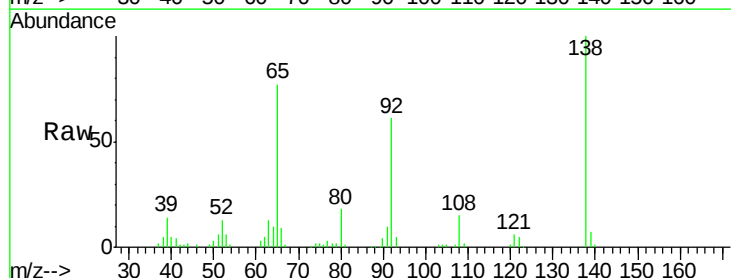
Manual Integrations  
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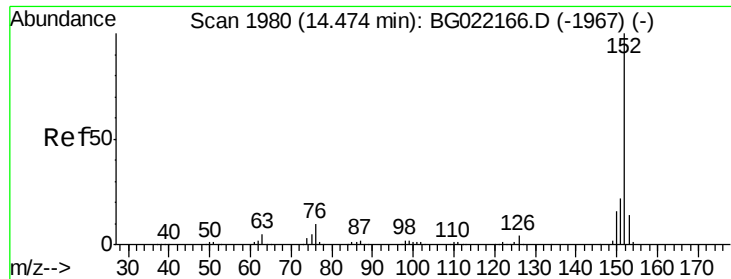
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#47  
2-Nitroaniline  
Concen: 53.10 ng  
RT: 13.78 min Scan# 1862  
Delta R.T. -0.04 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Resp  | Lower  | Upper |
|---------|-------|-------|--------|-------|
| 65      | 100   | 56468 |        |       |
| 92      | 80.3  | 49.2  | 73.8#  |       |
| 138     | 130.6 | 75.0  | 112.6# |       |





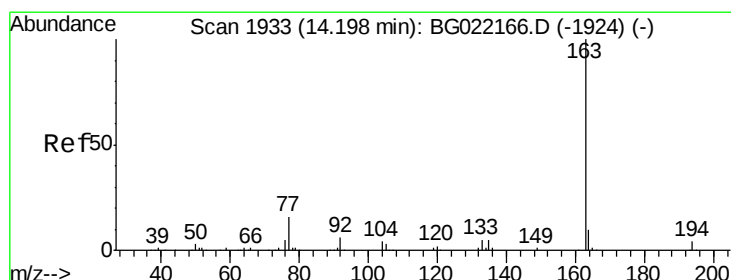
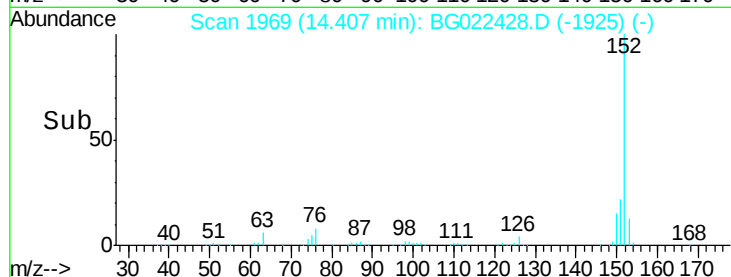
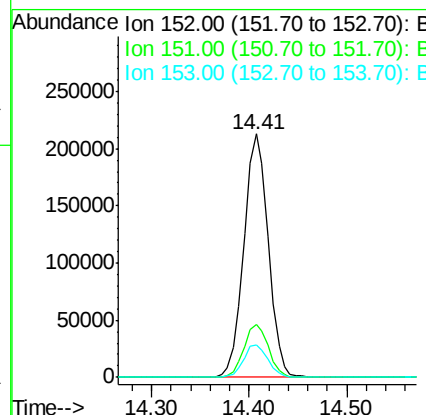
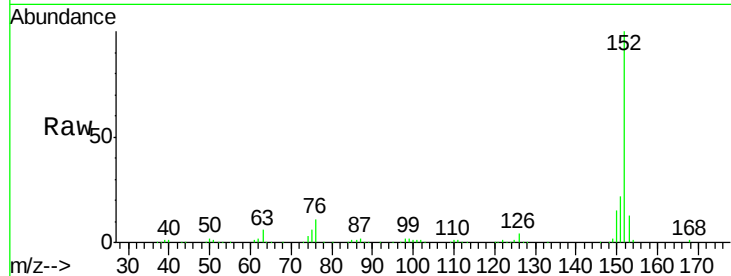
#48  
Acenaphthylene  
Concen: 47.09 ng  
RT: 14.41 min Scan# 1969  
Delta R.T. -0.04 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

Instrument :  
BNA\_G  
ClientSampleId :  
TE-MW2-15MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 368537 |       |       |
| 151     | 21.6  |        | 16.6  | 24.8  |
| 153     | 13.3  |        | 10.2  | 15.2  |

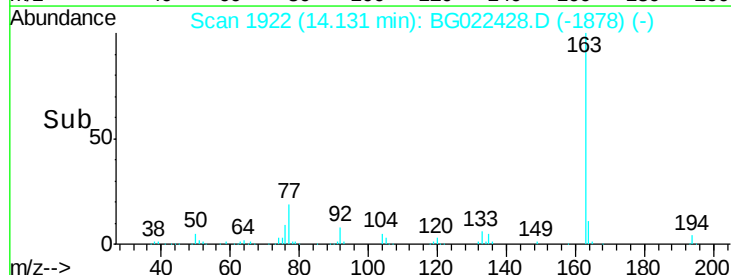
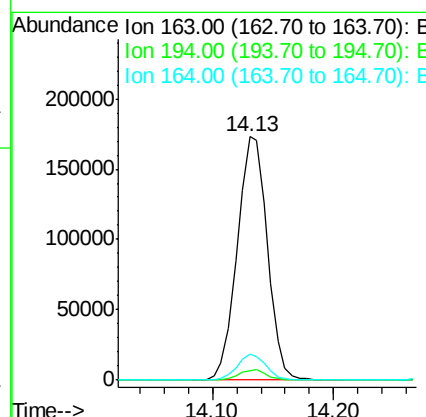
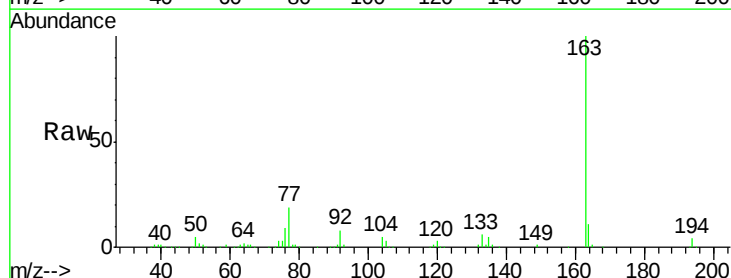
Manual Integrations  
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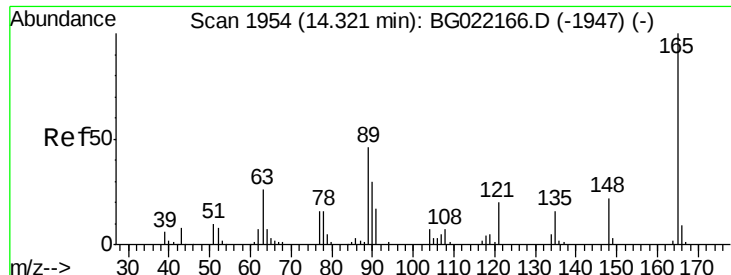
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#49  
Dimethylphthalate  
Concen: 46.95 ng  
RT: 14.13 min Scan# 1922  
Delta R.T. -0.04 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 300937 |       |       |
| 194     | 4.0   |        | 3.0   | 4.6   |
| 164     | 10.8  |        | 8.1   | 12.1  |





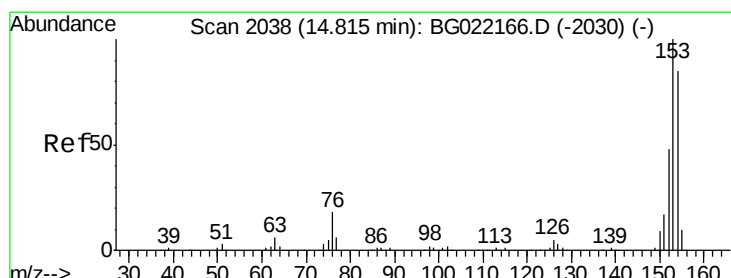
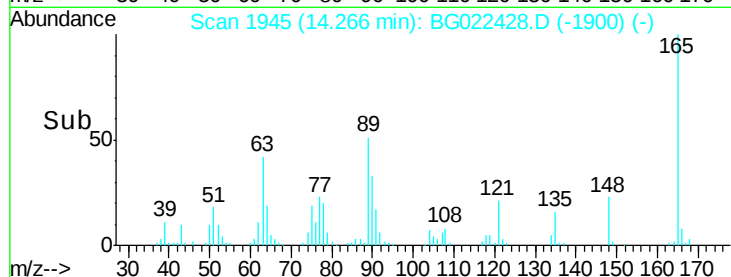
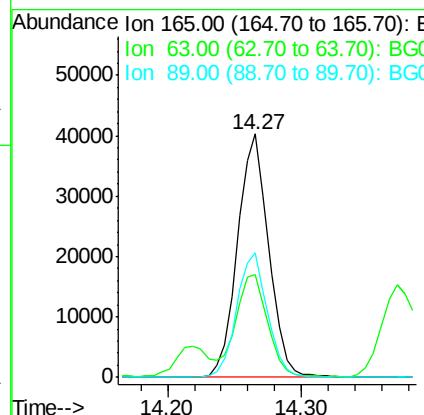
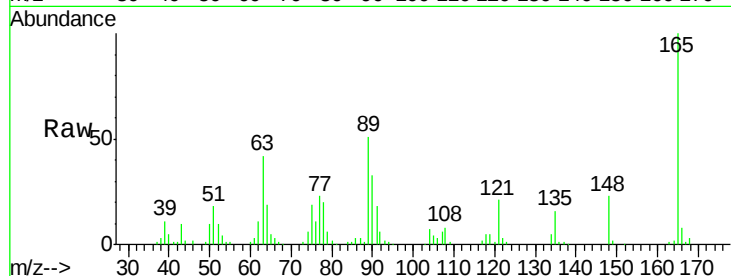
#50  
2,6-Dinitrotoluene  
Concen: 46.77 ng  
RT: 14.27 min Scan# 1945  
Delta R.T. -0.04 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

Instrument :  
BNA\_G  
ClientSampleId :  
TE-MW2-15MS

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 65178 |       |       |
| 63      | 42.0  | 48.2  | 72.4# |       |
| 89      | 51.0  | 45.3  | 67.9  |       |

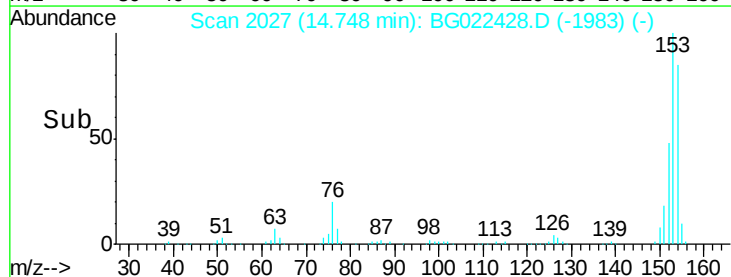
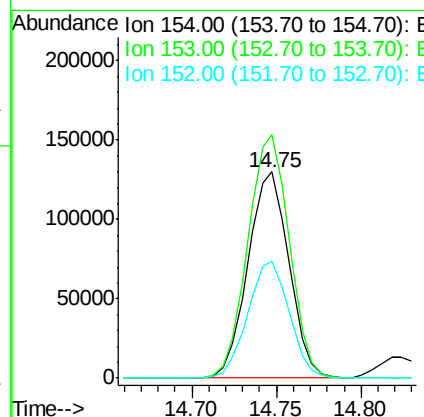
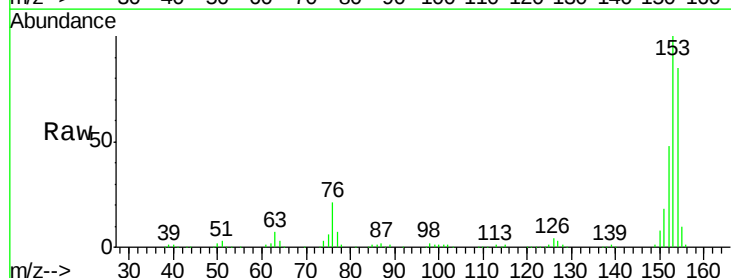
Manual Integrations  
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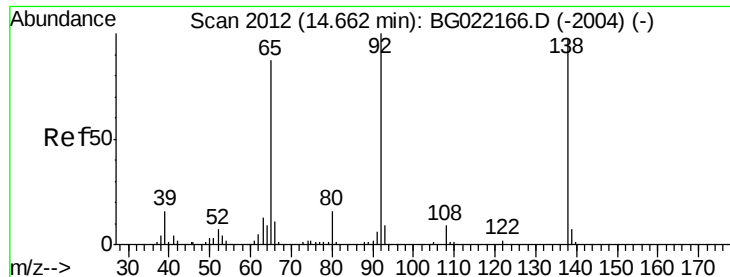
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#51  
Acenaphthene  
Concen: 46.91 ng  
RT: 14.75 min Scan# 2027  
Delta R.T. -0.04 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 154     | 100   | 219935 |       |       |
| 153     | 118.2 | 91.9   | 137.9 |       |
| 152     | 57.0  | 42.0   | 63.0  |       |





#52

3-Nitroaniline

Concen: 18.55 ng

RT: 14.61 min Scan# 2003

Delta R.T. -0.03 min

Lab File: BG022428.D

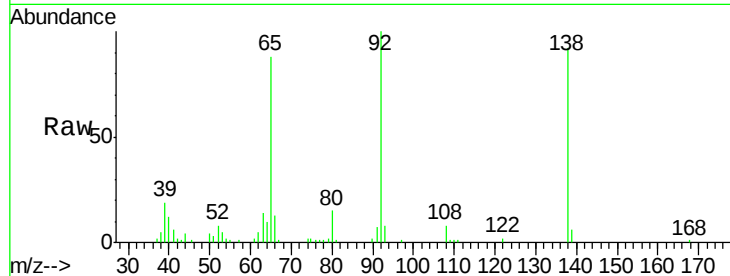
Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

ClientSampleId :

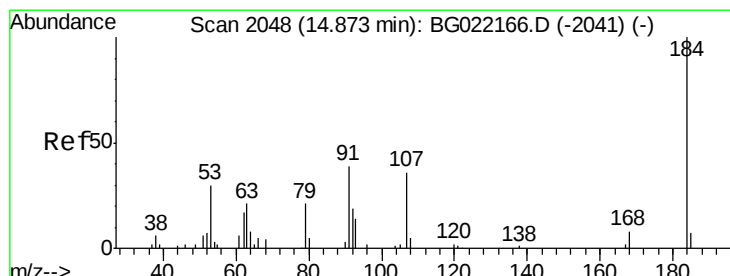
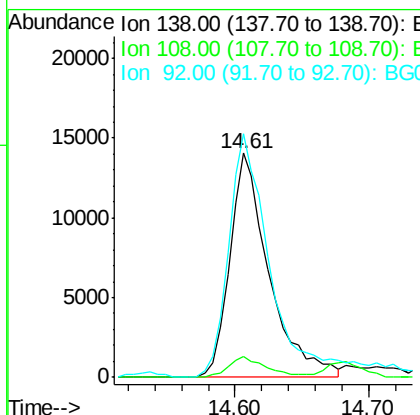
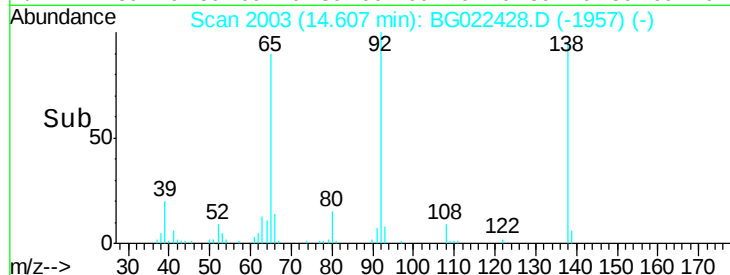
TE-MW2-15MS



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 28666 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 9.2   | 9.1   | 13.7  |
| 92        | 108.6 | 102.6 | 154.0 |

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#53

2,4-Dinitrophenol

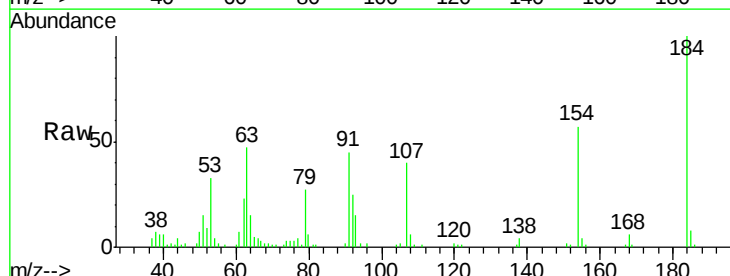
Concen: 86.30 ng

RT: 14.82 min Scan# 2040

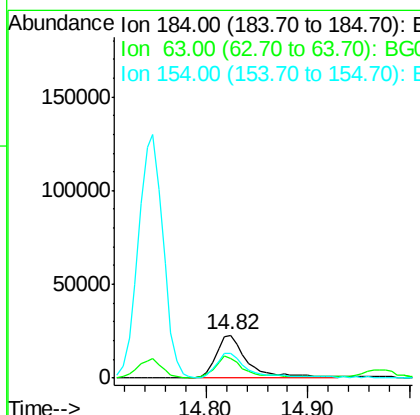
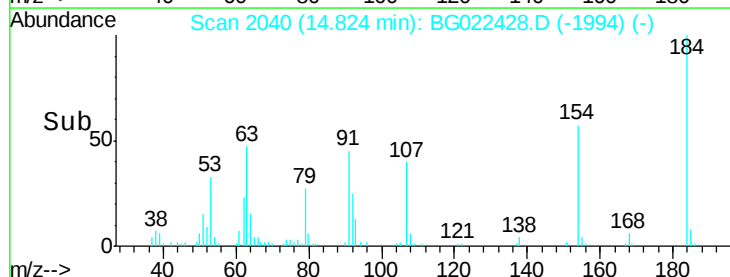
Delta R.T. -0.03 min

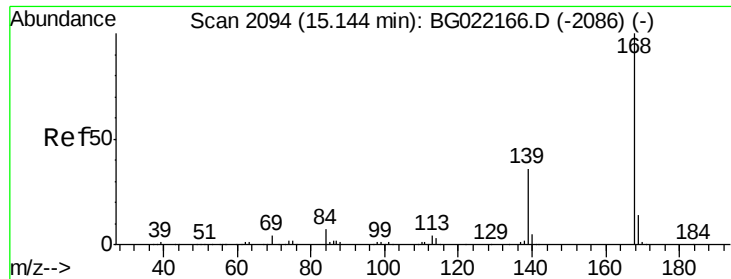
Lab File: BG022428.D

Acq: 18 Jun 2016 17:58



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 184   | Resp: | 49681 |
| Ion Ratio | Lower | Upper |       |
| 184       | 100   |       |       |
| 63        | 46.5  | 57.3  | 85.9# |
| 154       | 57.4  | 55.2  | 82.8  |





#54

Dibenzofuran

Concen: 46.71 ng

RT: 15.08 min Scan# 2084

Delta R.T. -0.04 min

Lab File: BG022428.D

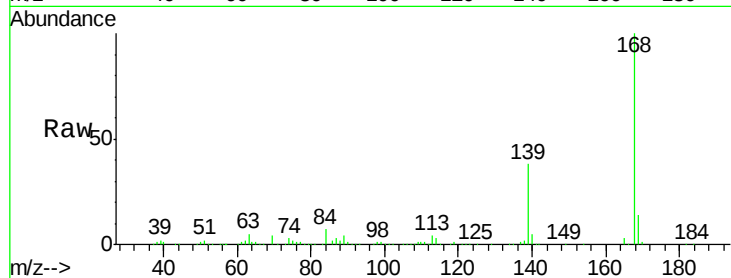
Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

ClientSampled :

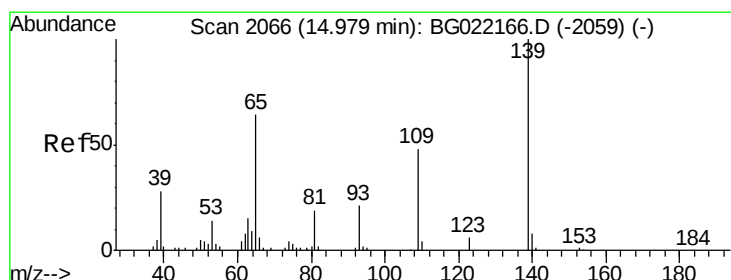
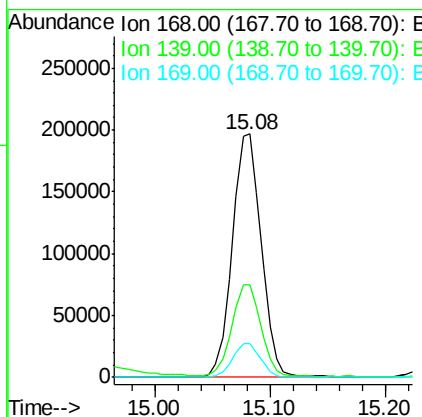
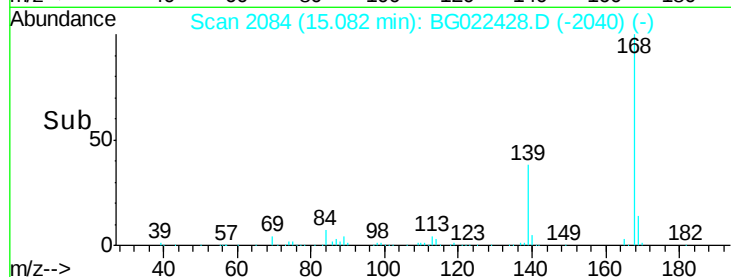
TE-MW2-15MS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 168   | Resp: | 341747 |
| Ion Ratio | Lower | Upper |        |
| 168       | 100   |       |        |
| 139       | 37.8  | 31.1  | 46.7   |
| 169       | 13.6  | 11.0  | 16.6   |

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#55

4-Nitrophenol

Concen: 23.24 ng

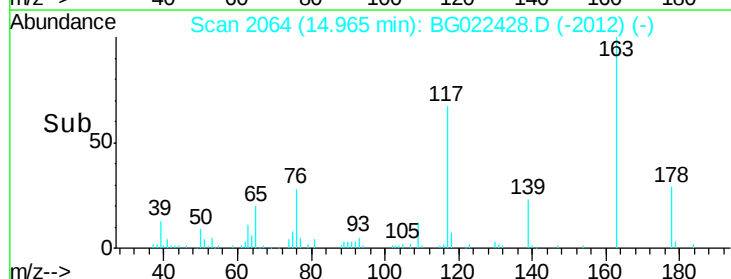
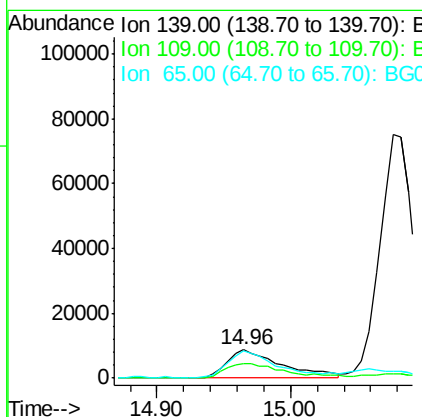
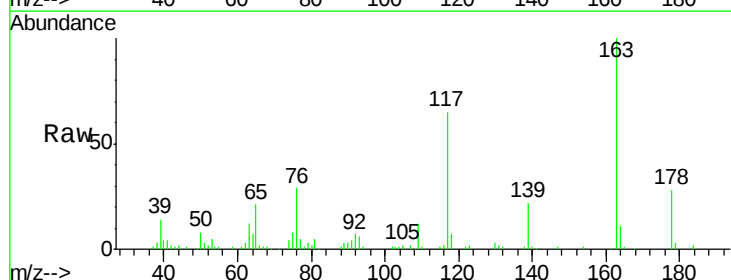
RT: 14.96 min Scan# 2064

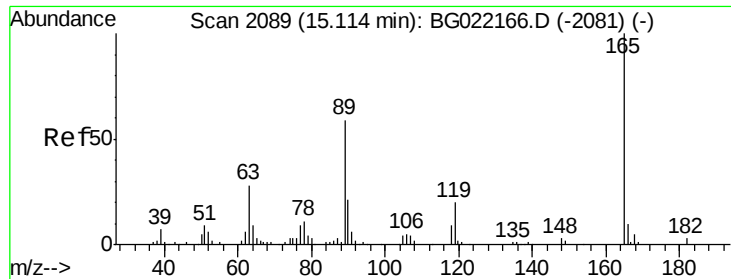
Delta R.T. 0.01 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 24795 |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 52.8  | 49.2  | 89.2  |
| 65        | 96.6  | 83.2  | 123.2 |





#56

2,4-Dinitrotoluene

Concen: 48.71 ng

RT: 15.06 min Scan# 2080

Delta R.T. -0.04 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

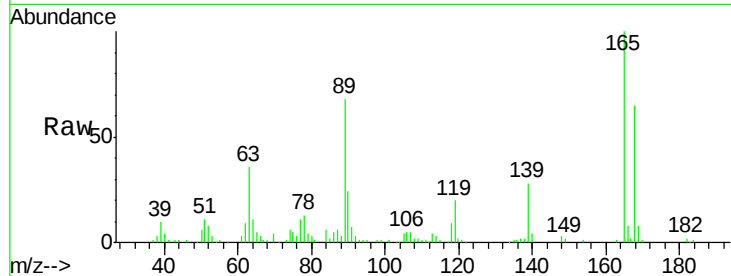
ClientSampleId :

TE-MW2-15MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 91046 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 36.4  | 37.4  | 56.0# |
| 89        | 68.0  | 59.4  | 89.0  |
| 182       | 2.2   | 2.1   | 3.1   |

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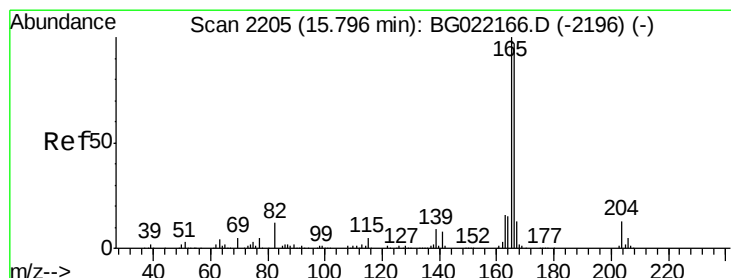
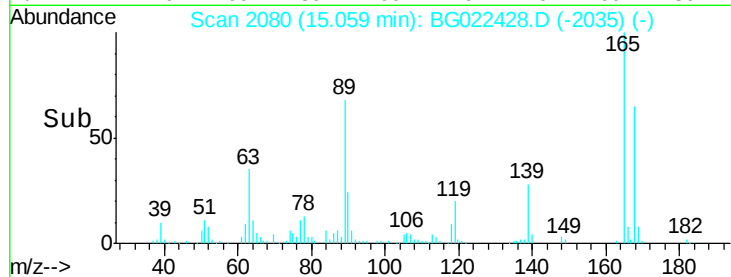
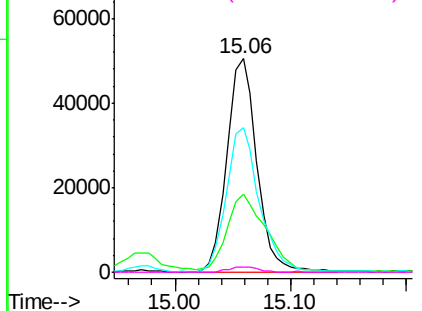


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 45.72 ng

RT: 15.73 min Scan# 2194

Delta R.T. -0.04 min

Lab File: BG022428.D

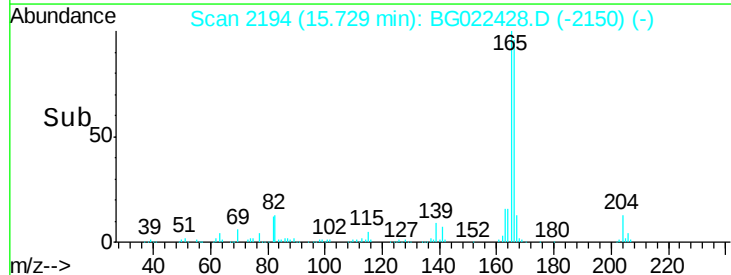
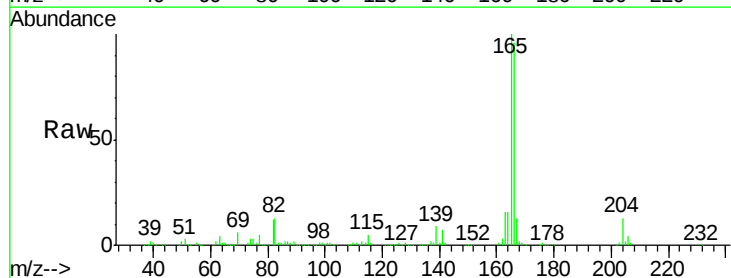
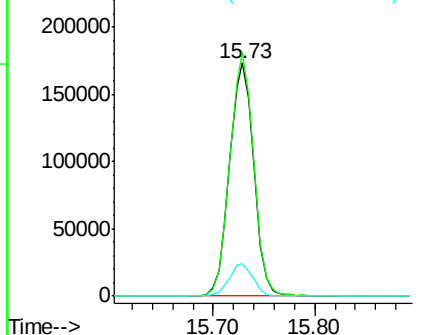
Acq: 18 Jun 2016 17:58

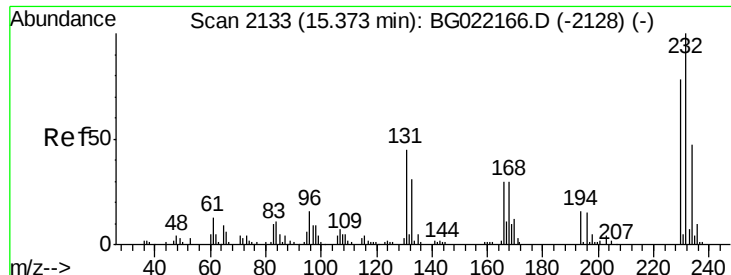
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 166   | Resp: | 288178 |
| Ion Ratio | Lower | Upper |        |
| 166       | 100   |       |        |
| 165       | 104.5 | 79.0  | 118.4  |
| 167       | 13.7  | 10.7  | 16.1   |

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





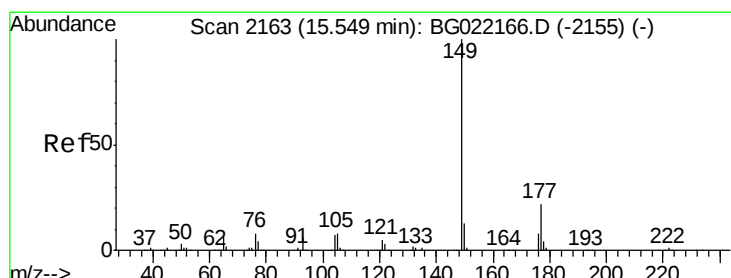
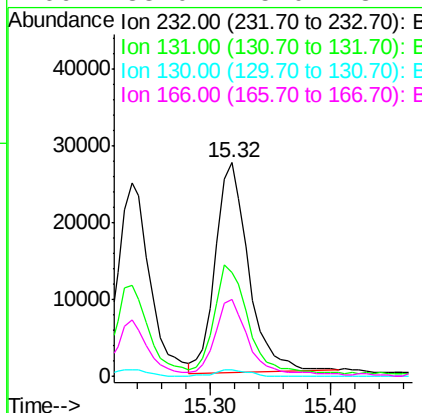
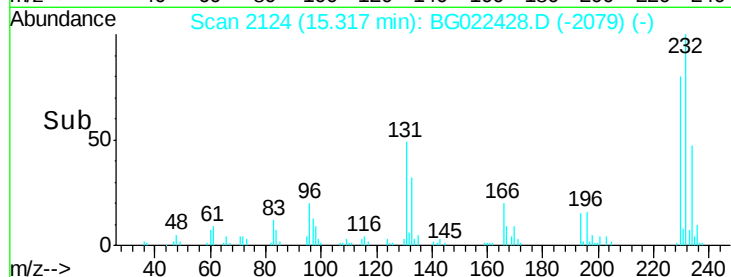
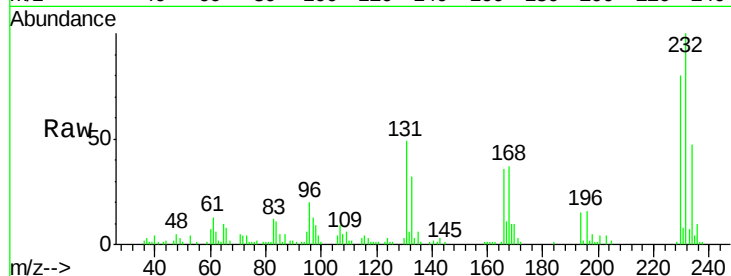
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.29 ng  
 RT: 15.32 min Scan# 2124  
 Delta R.T. -0.04 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TE-MW2-15MS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 232   | Resp: | 51984 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 53.8  | 36.3  | 54.5  |
| 130       | 3.2   | 1.9   | 2.9   |
| 166       | 38.0  | 25.0  | 37.4  |

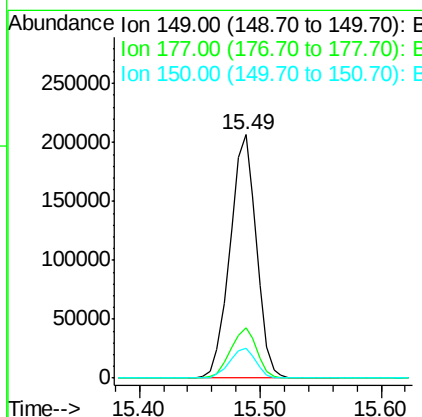
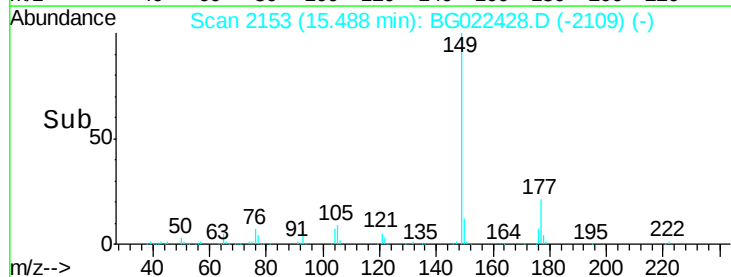
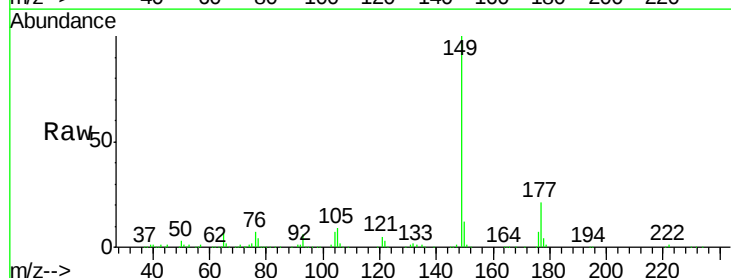
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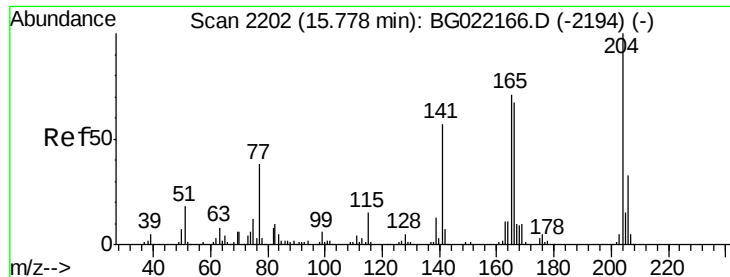
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#59  
 Diethylphthalate  
 Concen: 45.72 ng  
 RT: 15.49 min Scan# 2153  
 Delta R.T. -0.04 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 313089 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 20.7  | 17.3  | 25.9   |
| 150       | 12.3  | 9.7   | 14.5   |





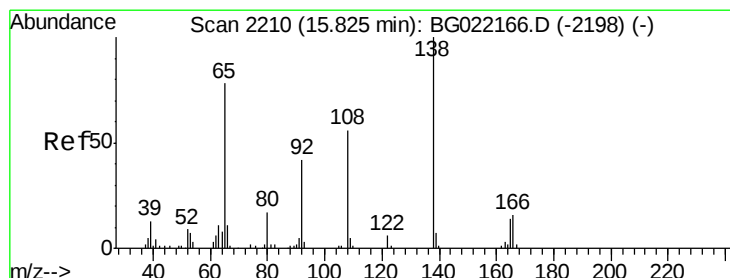
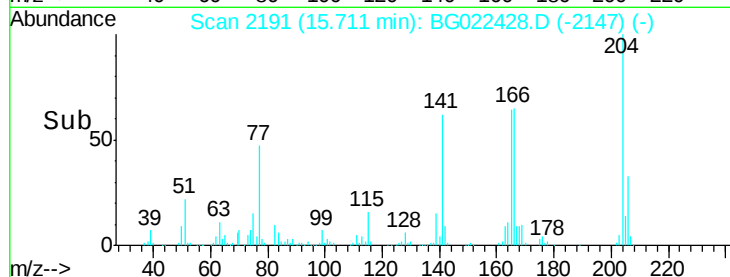
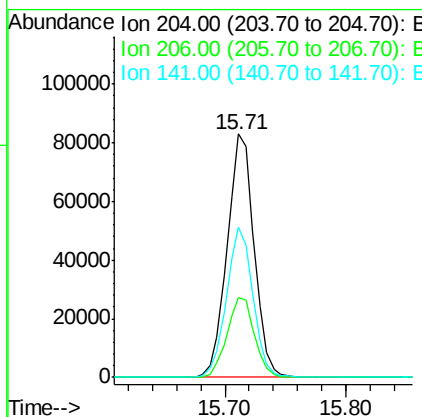
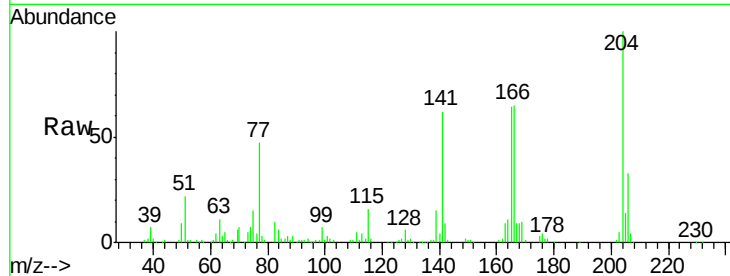
#60  
 4-Chlorophenyl-phenylether  
 Concen: 45.10 ng  
 RT: 15.71 min Scan# 2191  
 Delta R.T. -0.04 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TE-MW2-15MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.0  | 27.8  | 41.8  |
| 141     | 61.9  | 51.0  | 76.4  |

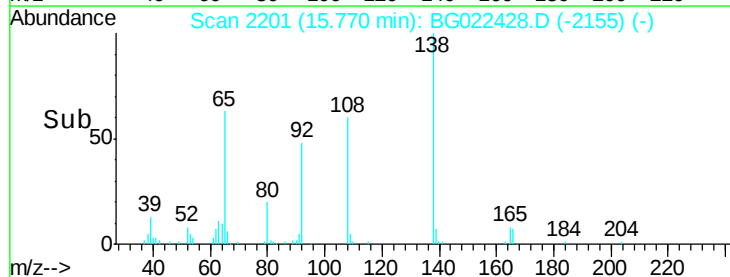
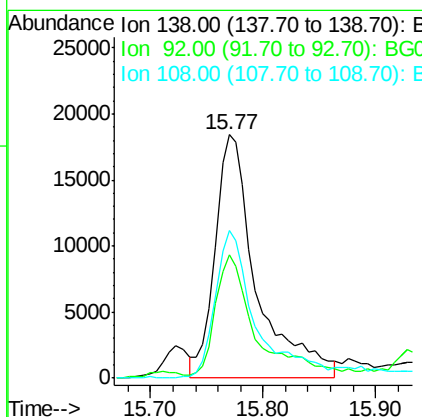
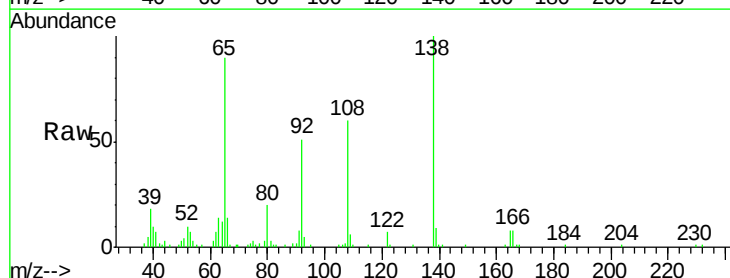
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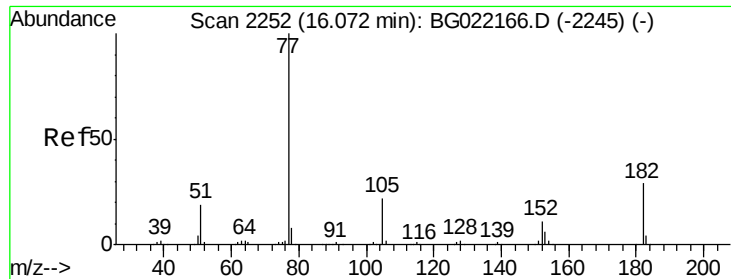
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#61  
 4-Nitroaniline  
 Concen: 28.97 ng m  
 RT: 15.77 min Scan# 2201  
 Delta R.T. -0.03 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.5  | 37.7  | 77.7  |
| 108     | 60.5  | 59.4  | 99.4  |





#62

Azobenzene

Concen: 51.19 ng

RT: 16.00 min Scan# 2241

Delta R.T. -0.04 min

Lab File: BG022428.D

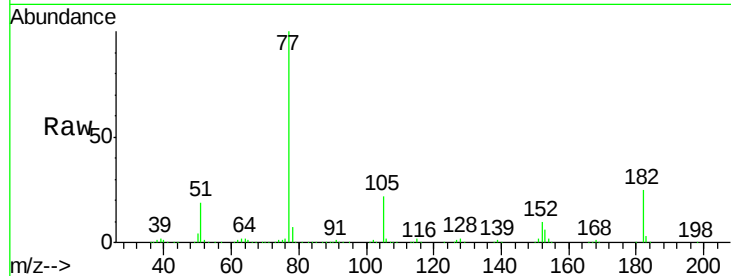
Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

ClientSampleId :

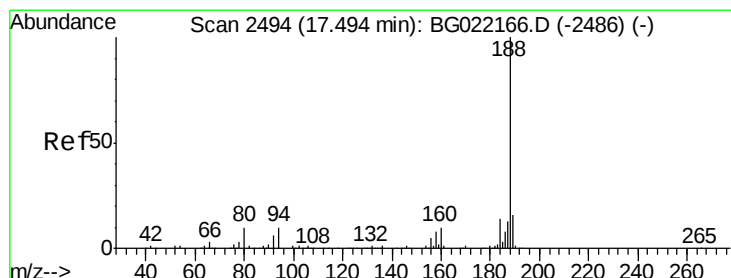
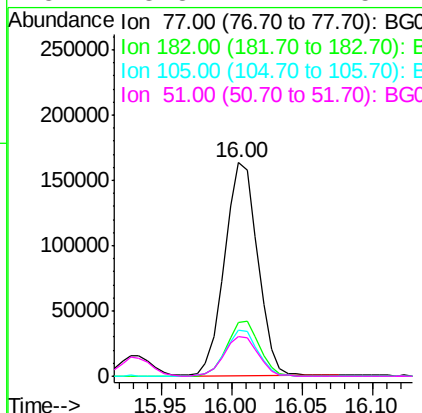
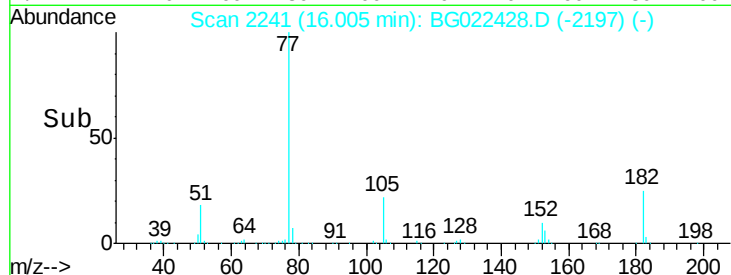
TE-MW2-15MS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 24.9  | 4.1   | 44.1  |
| 105     | 21.7  | 0.0   | 39.8  |
| 51      | 18.8  | 11.1  | 51.1  |

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#63

Phenanthrene-d10

Concen: 20.00 ng

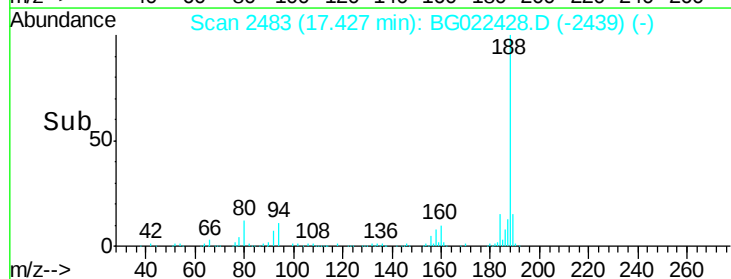
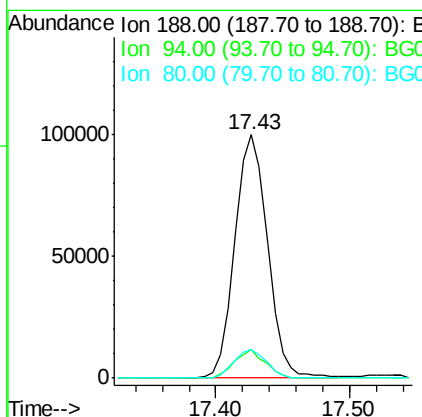
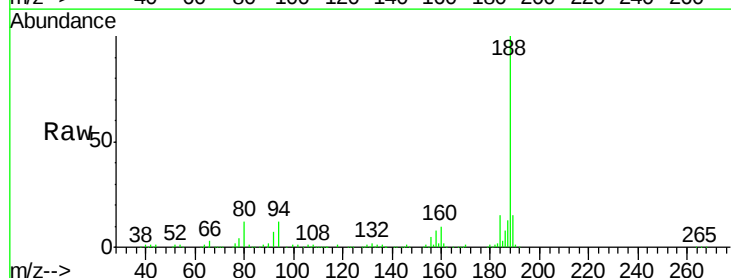
RT: 17.43 min Scan# 2483

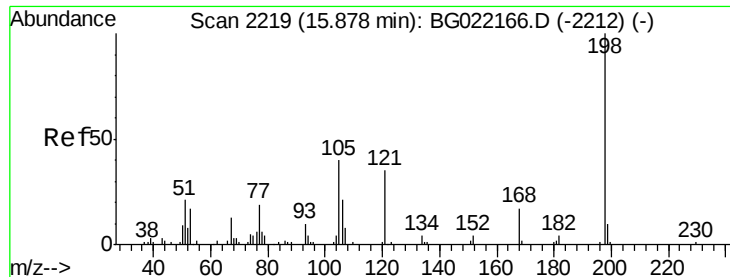
Delta R.T. -0.04 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 11.5  | 7.5   | 11.3# |
| 80      | 11.7  | 8.6   | 13.0  |





#64

4,6-Dinitro-2-methylphenol

Concen: 46.05 ng

RT: 15.82 min Scan# 2210

Delta R.T. -0.04 min

Lab File: BG022428.D

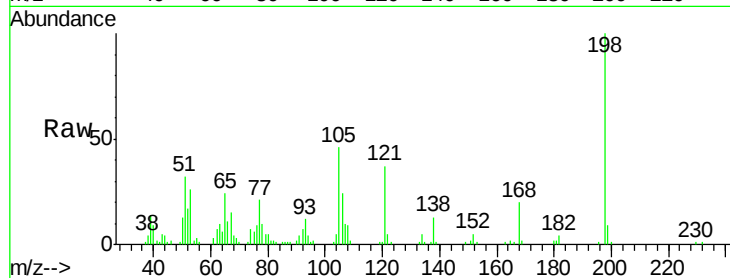
Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

ClientSampleId :

TE-MW2-15MS



Tgt Ion:198 Resp: 39502

Ion Ratio Lower Upper

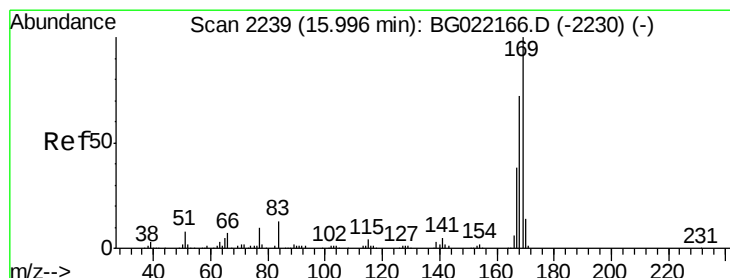
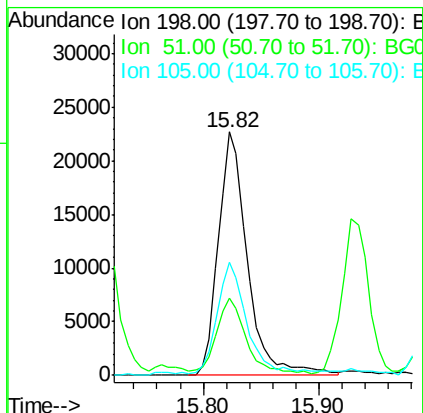
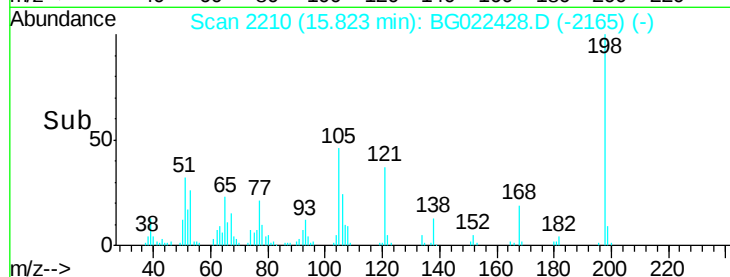
198 100

51 31.8 29.2 69.2

105 46.5 24.0 64.0

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#65

n-Nitrosodiphenylamine

Concen: 48.14 ng

RT: 15.93 min Scan# 2229

Delta R.T. -0.04 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

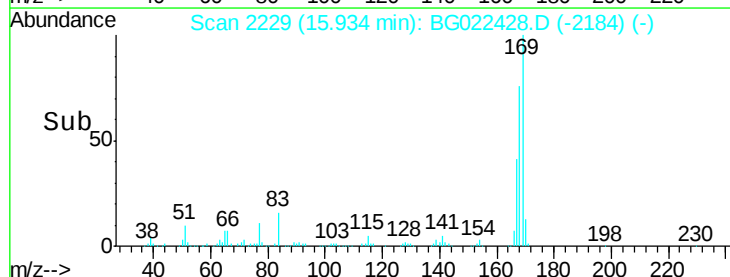
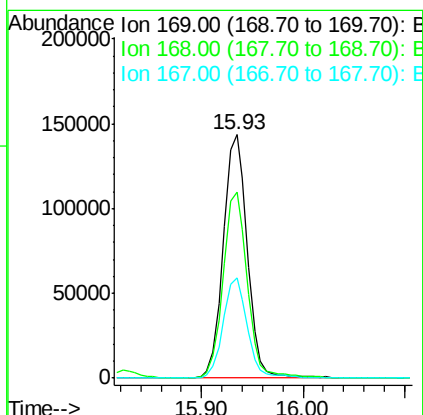
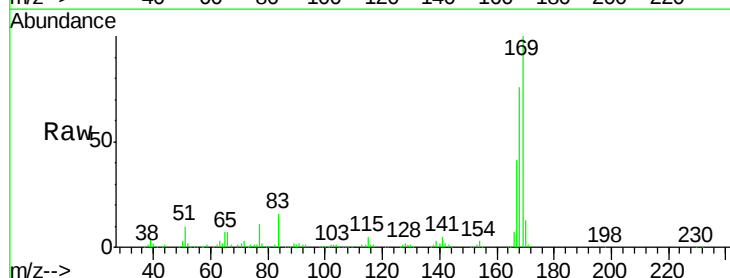
Tgt Ion:169 Resp: 235919

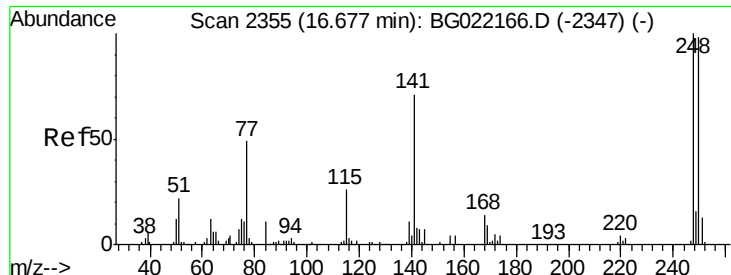
Ion Ratio Lower Upper

169 100

168 76.3 59.6 89.4

167 40.9 31.2 46.8





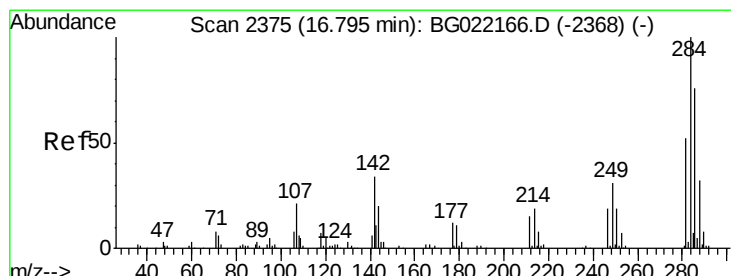
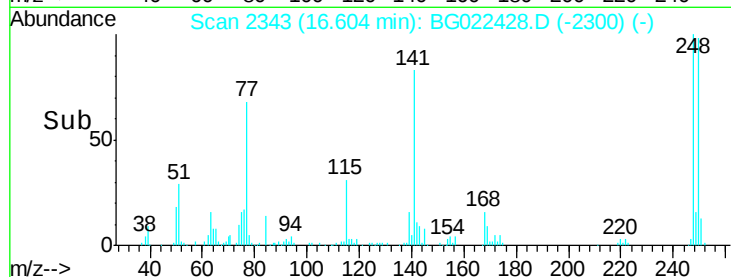
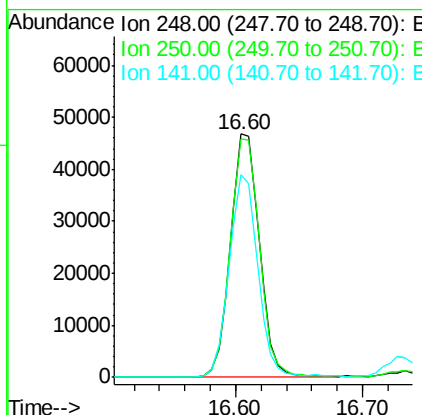
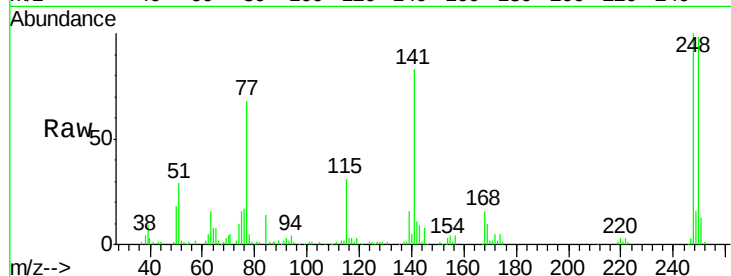
#66  
 4-Bromophenyl-phenylether  
 Concen: 46.40 ng  
 RT: 16.60 min Scan# 2343  
 Delta R.T. -0.05 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TE-MW2-15MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.1  | 76.6  | 114.8 |
| 141     | 83.1  | 63.8  | 95.6  |

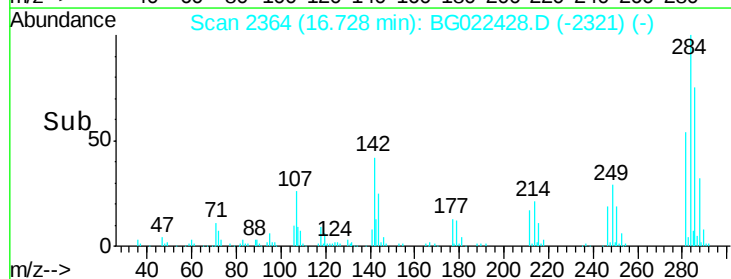
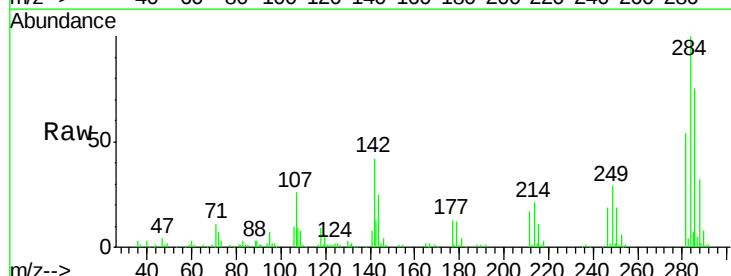
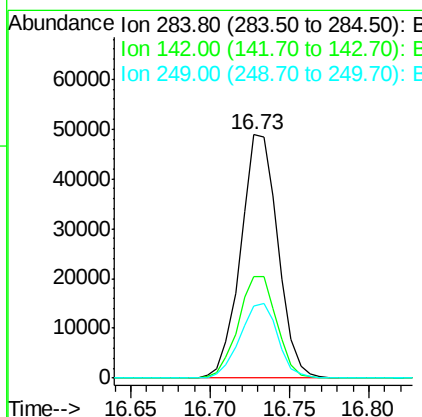
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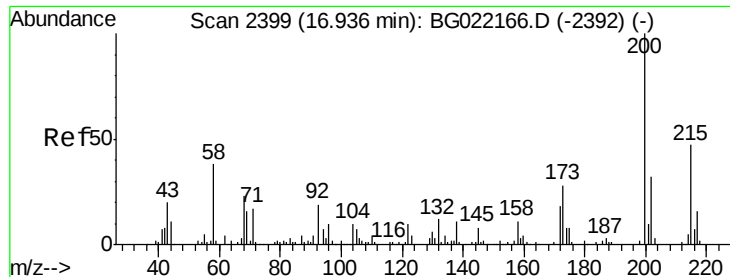
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#67  
 Hexachlorobenzene  
 Concen: 42.73 ng  
 RT: 16.73 min Scan# 2364  
 Delta R.T. -0.05 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 41.5  | 31.8  | 47.6  |
| 249     | 31.6  | 27.3  | 40.9  |





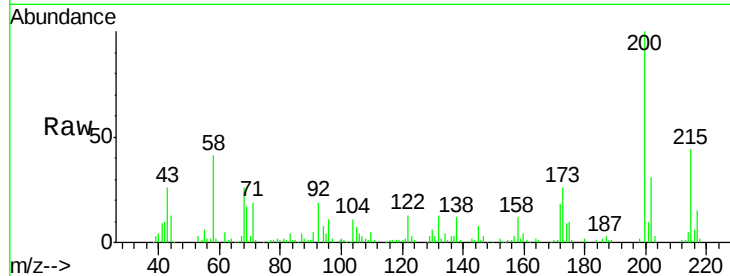
#68  
Atrazine  
Concen: 37.93 ng  
RT: 16.88 min Scan# 2390  
Delta R.T. -0.04 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

Instrument :  
BNA\_G  
ClientSampleId :  
TE-MW2-15MS

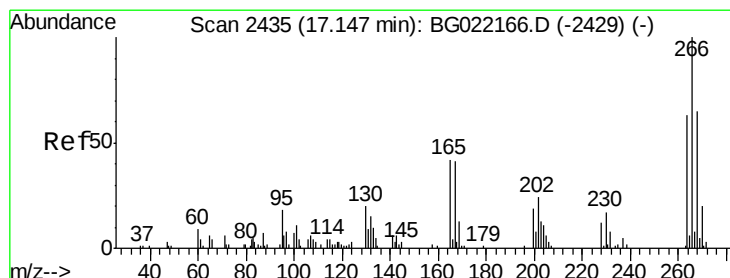
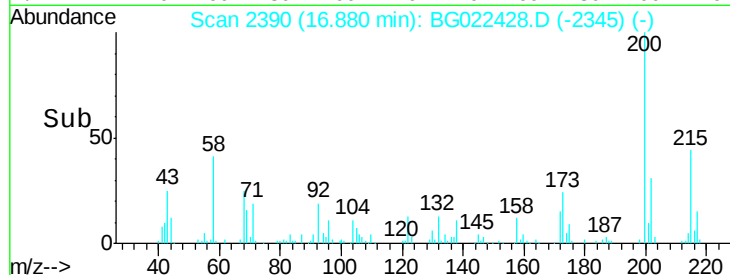
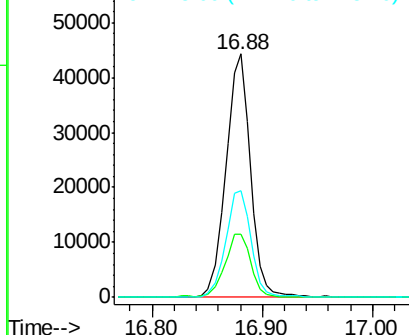
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 25.9  | 5.1        | 45.1  |
| 215     | 43.6  | 28.0       | 68.0  |

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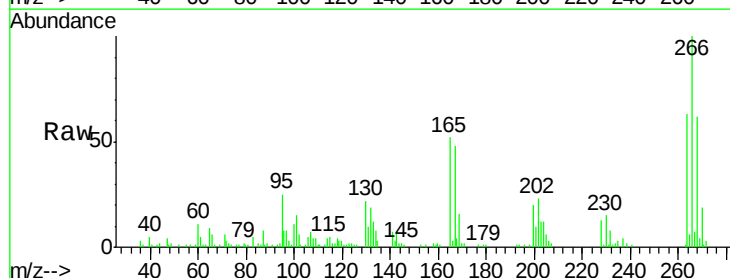


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

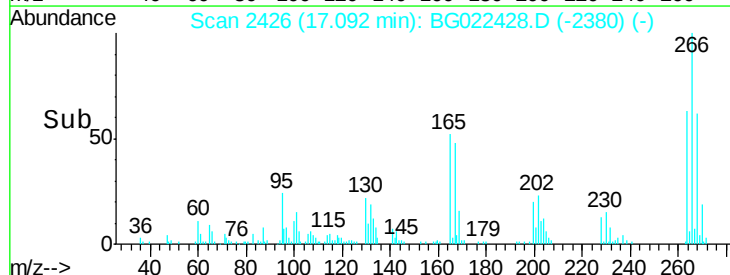
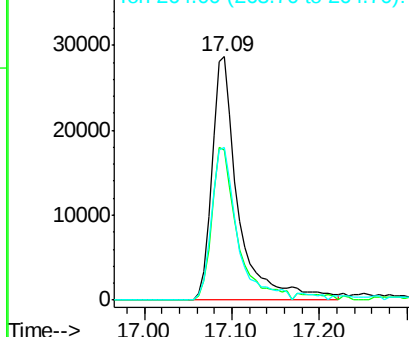


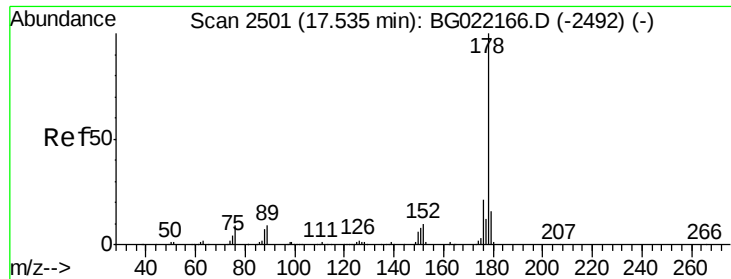
#69  
Pentachlorophenol  
Concen: 71.90 ng  
RT: 17.09 min Scan# 2426  
Delta R.T. -0.03 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 66.0  | 54.5       | 81.7  |
| 264     | 68.5  | 53.8       | 80.6  |



Abundance Ion 265.70 (265.40 to 266.40): E  
Ion 268.00 (267.70 to 268.70): E  
Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 46.77 ng

RT: 17.47 min Scan# 2490

Delta R.T. -0.04 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

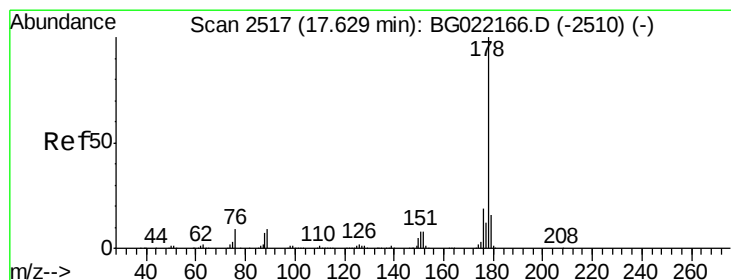
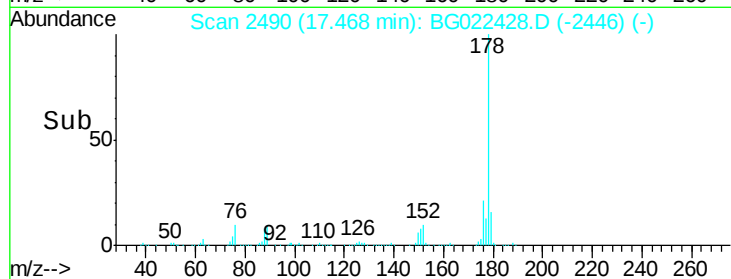
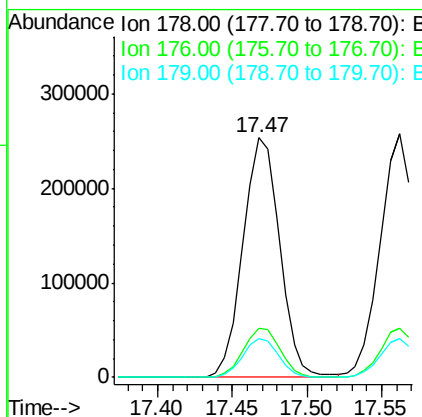
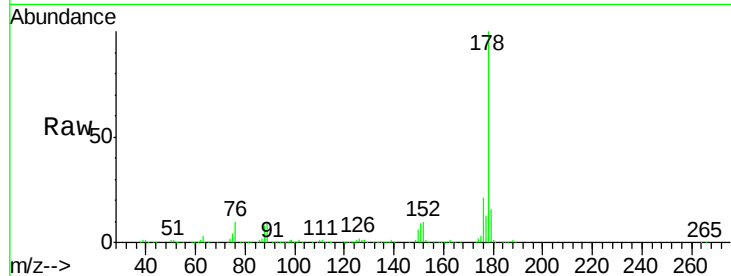
ClientSampleId :

TE-MW2-15MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 432148 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 20.6  | 16.2  | 24.4   |
| 179       | 15.9  | 12.0  | 18.0   |

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#71

Anthracene

Concen: 46.92 ng

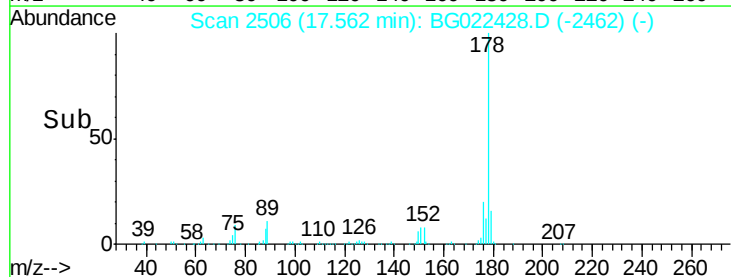
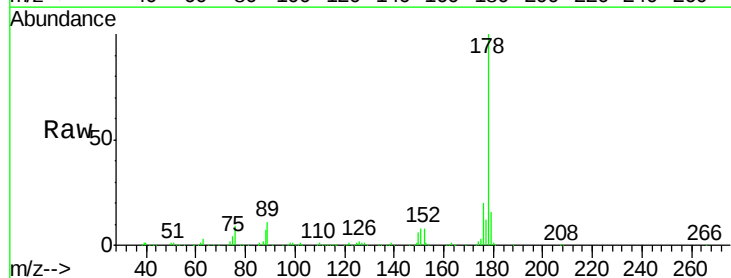
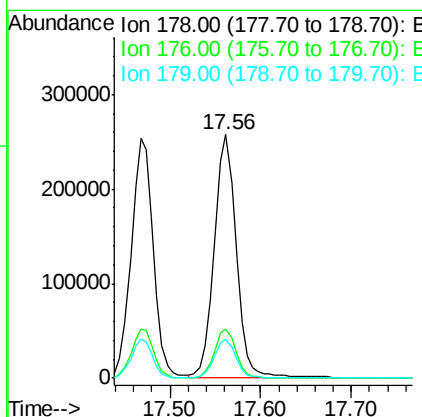
RT: 17.56 min Scan# 2506

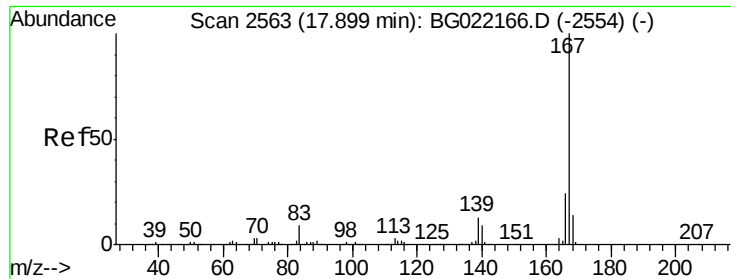
Delta R.T. -0.04 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 178   | Resp: | 429994 |
| Ion Ratio | Lower | Upper |        |
| 178       | 100   |       |        |
| 176       | 19.9  | 15.0  | 22.4   |
| 179       | 15.9  | 12.2  | 18.4   |





#72

Carbazole

Concen: 44.14 ng

RT: 17.84 min Scan# 2553

Delta R.T. -0.04 min

Lab File: BG022428.D

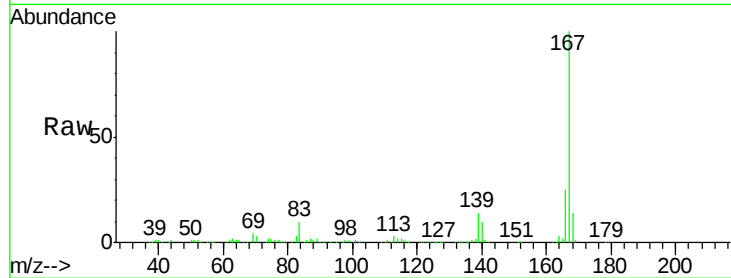
Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

ClientSampled :

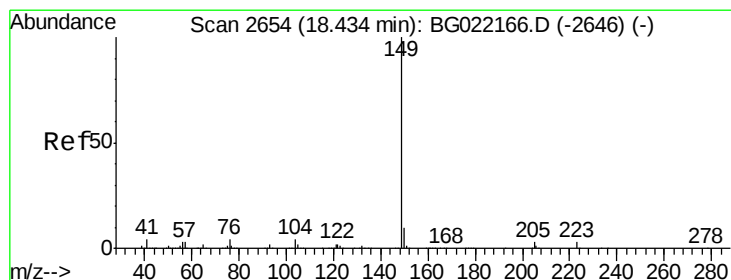
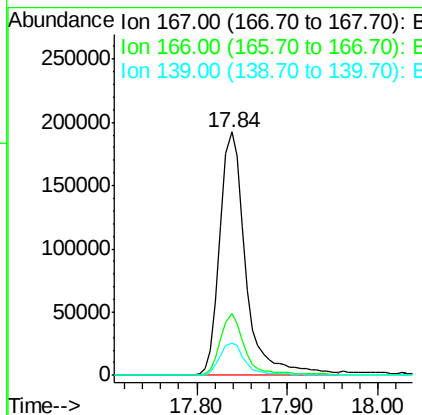
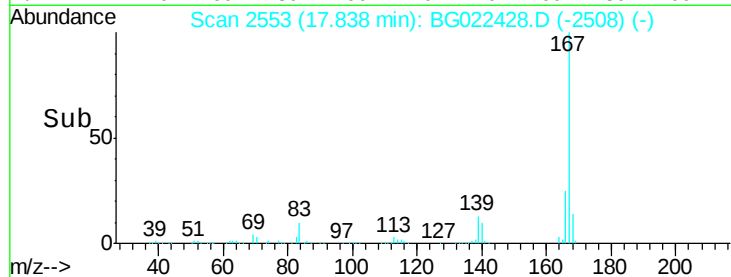
TE-MW2-15MS



| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 167     | 100   | 383078 |       |       |
| 166     | 25.2  | 18.6   | 27.8  |       |
| 139     | 13.5  | 10.6   | 15.8  |       |

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#73

Di-n-butylphthalate

Concen: 47.99 ng

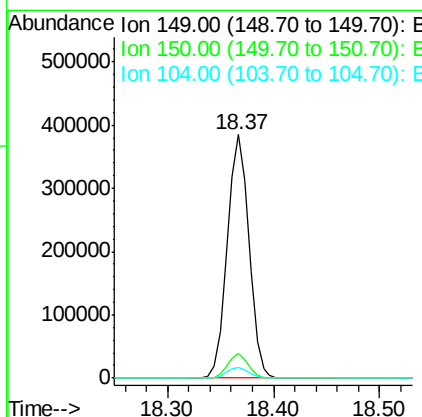
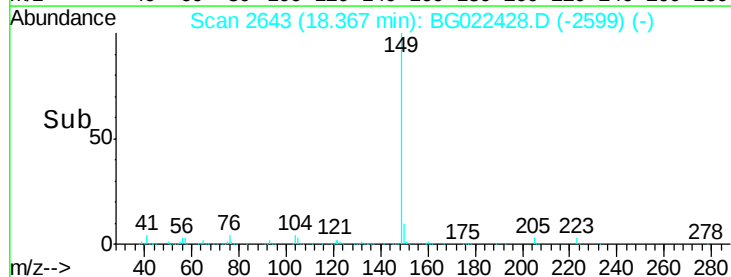
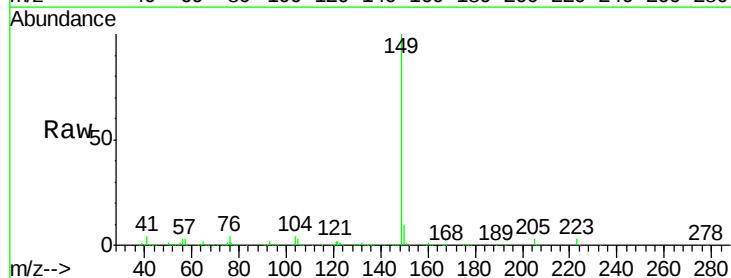
RT: 18.37 min Scan# 2643

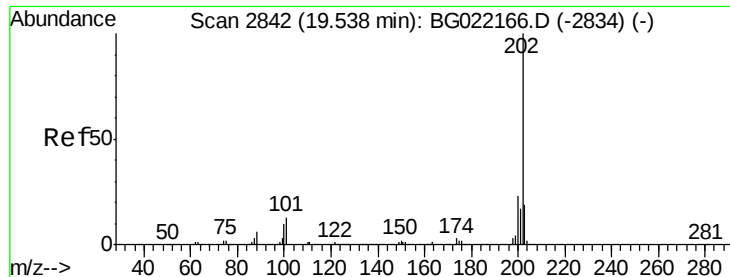
Delta R.T. -0.04 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 544498 |       |       |
| 150     | 9.9   | 7.4    | 11.0  |       |
| 104     | 4.3   | 4.0    | 6.0   |       |





#74

Fluoranthene

Concen: 44.12 ng

RT: 19.47 min Scan# 2831

Delta R.T. -0.04 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

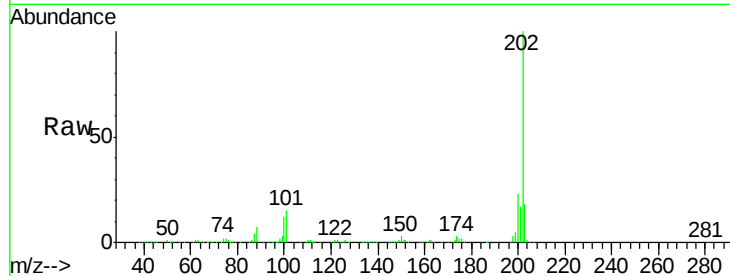
ClientSampleId :

TE-MW2-15MS

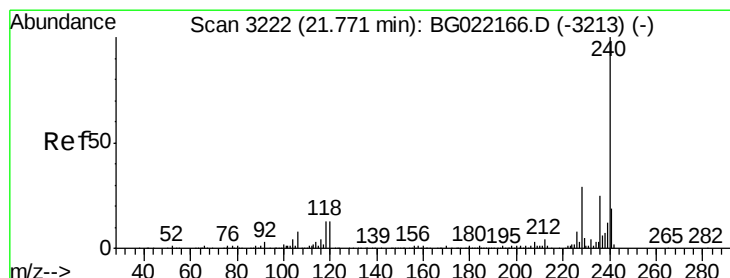
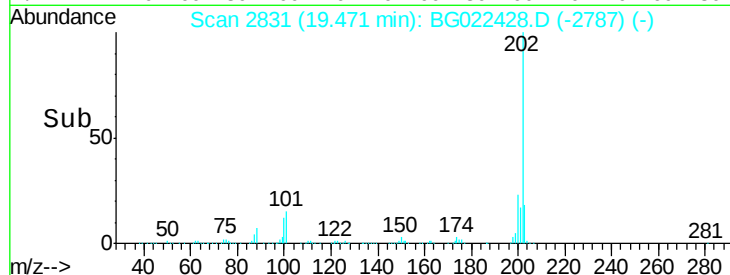
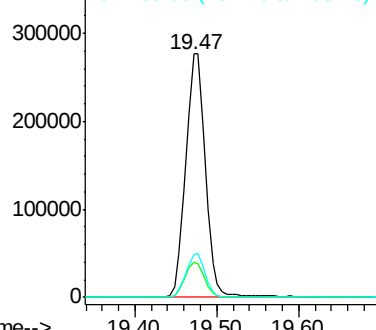
| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 202 | 100  |       | 468691 |       |       |
| 101 | 14.6 | 0.0   | 31.0   |       |       |
| 203 | 17.8 | 0.0   | 37.9   |       |       |

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



#75

Chrysene-d12

Concen: 20.00 ng

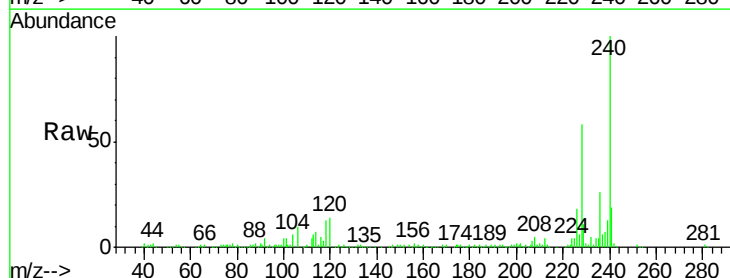
RT: 21.69 min Scan# 3209

Delta R.T. -0.05 min

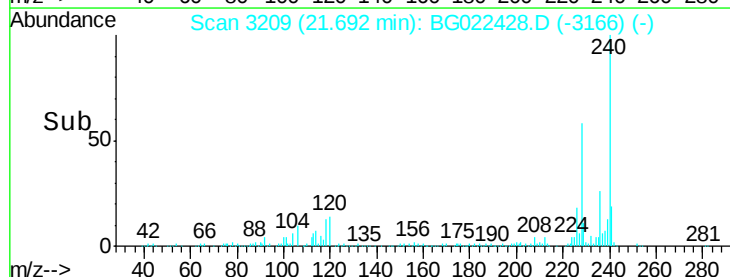
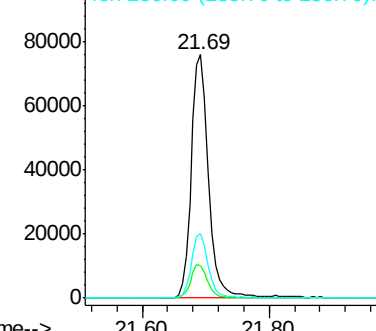
Lab File: BG022428.D

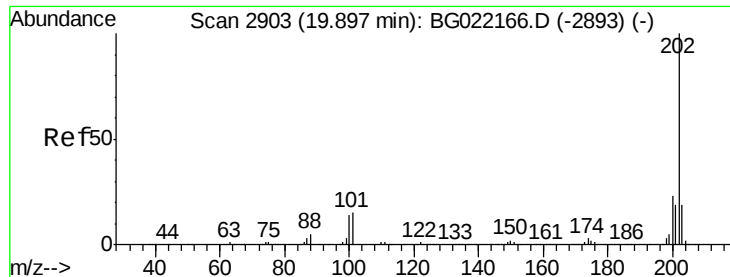
Acq: 18 Jun 2016 17:58

| Tgt | Ion  | Ratio | Resp   | Lower | Upper |
|-----|------|-------|--------|-------|-------|
| 240 | 100  |       | 145455 |       |       |
| 120 | 13.5 | 8.4   | 12.6#  |       |       |
| 236 | 26.3 | 19.6  | 29.4   |       |       |



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





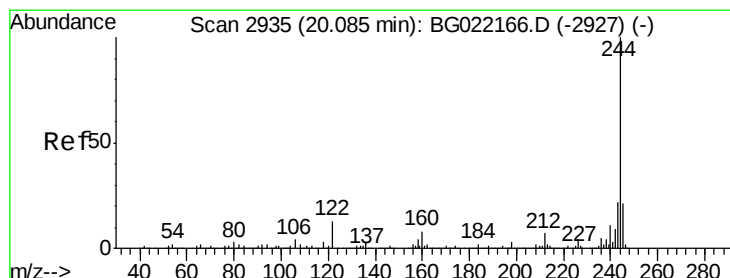
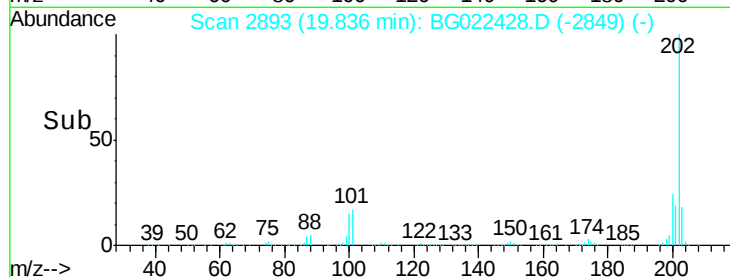
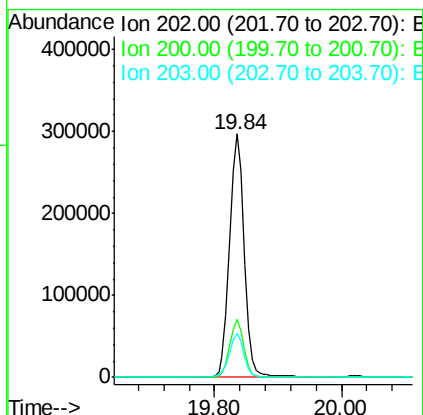
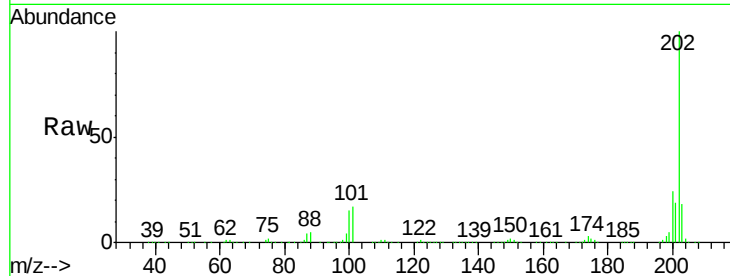
#77  
 Pyrene  
 Concen: 51.59 ng  
 RT: 19.84 min Scan# 2893  
 Delta R.T. -0.04 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TE-MW2-15MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 466479 |       |       |
| 200     | 23.6  | 18.2   | 27.2  |       |
| 203     | 18.3  | 15.0   | 22.4  |       |

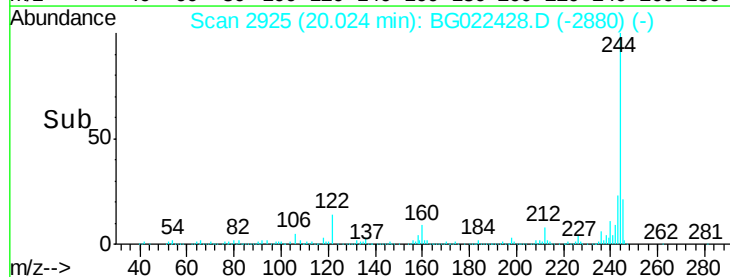
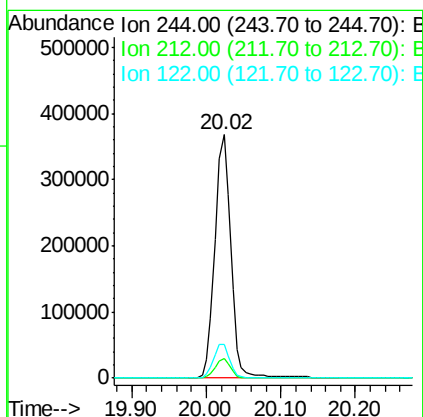
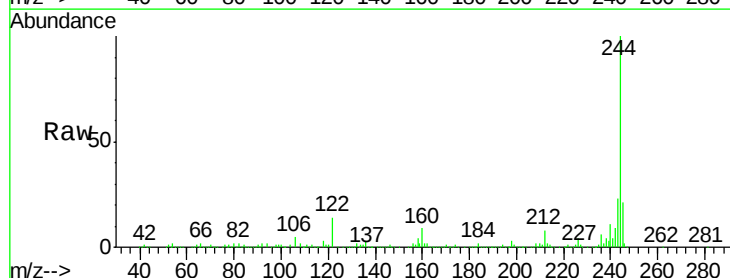
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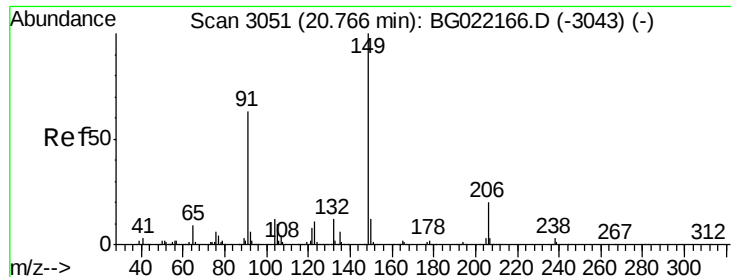
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#78  
 Terphenyl-d14  
 Concen: 89.98 ng  
 RT: 20.02 min Scan# 2925  
 Delta R.T. -0.04 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 244     | 100   | 551294 |       |       |
| 212     | 7.9   | 6.5    | 9.7   |       |
| 122     | 14.0  | 8.6    | 12.8# |       |





#79

Butylbenzylphthalate

Concen: 55.63 ng

RT: 20.70 min Scan# 3040

Delta R.T. -0.04 min

Lab File: BG022428.D

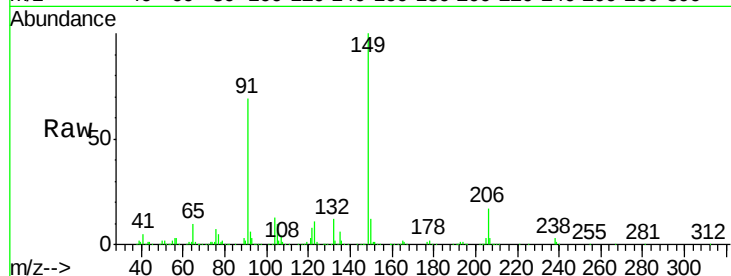
Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

ClientSampleId :

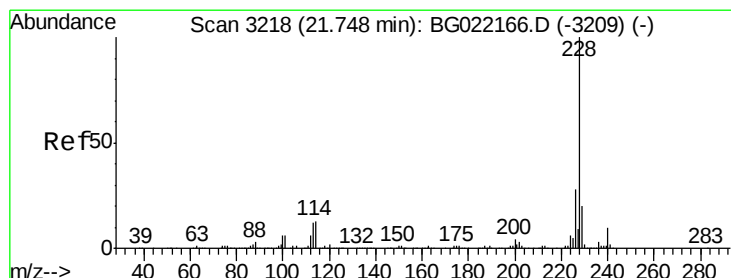
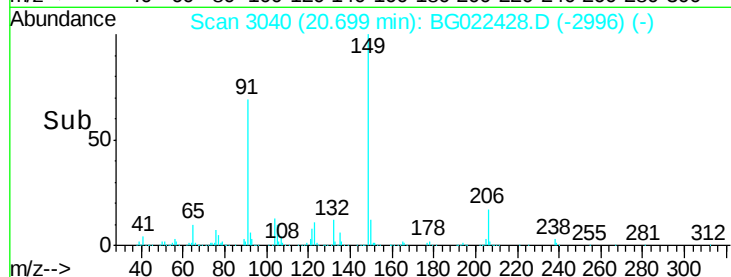
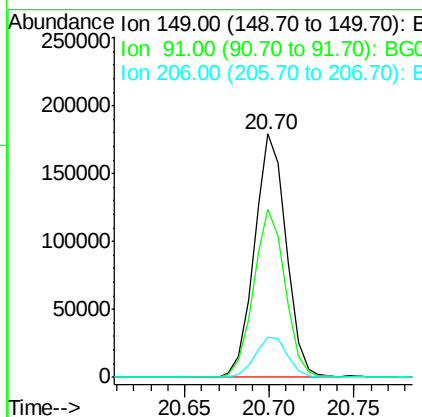
TE-MW2-15MS



|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 233277 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 69.2  | 57.8  | 86.8   |
| 206       | 16.7  | 17.0  | 25.4   |

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#80

Benzo(a)anthracene

Concen: 46.81 ng

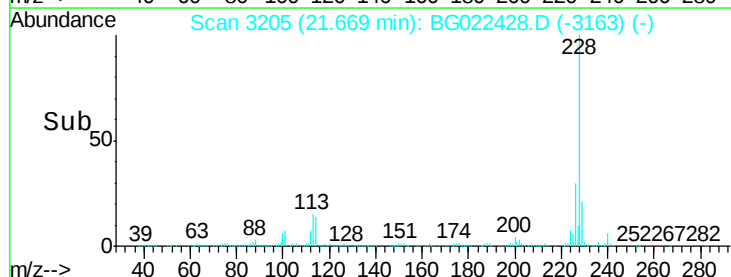
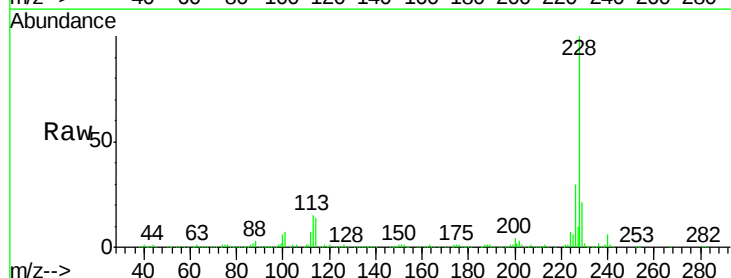
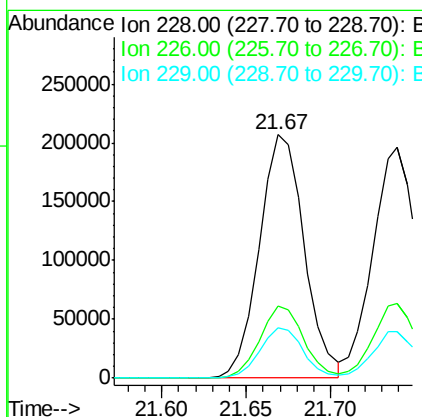
RT: 21.67 min Scan# 3205

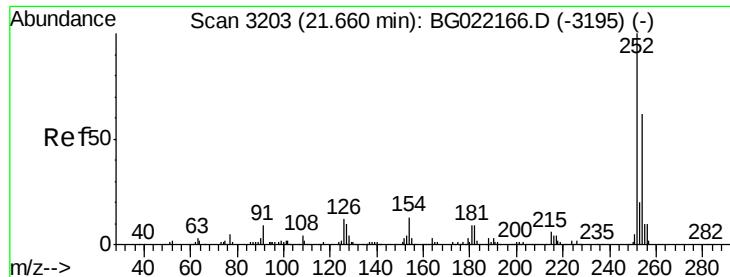
Delta R.T. -0.05 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 228   | Resp: | 381801 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 29.6  | 22.6  | 34.0   |
| 229       | 20.6  | 16.1  | 24.1   |





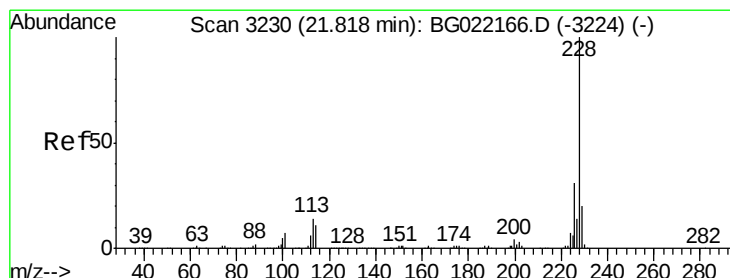
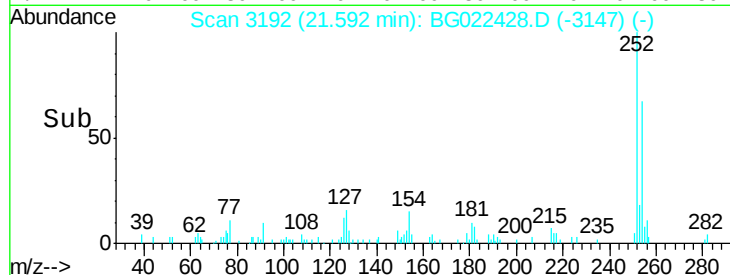
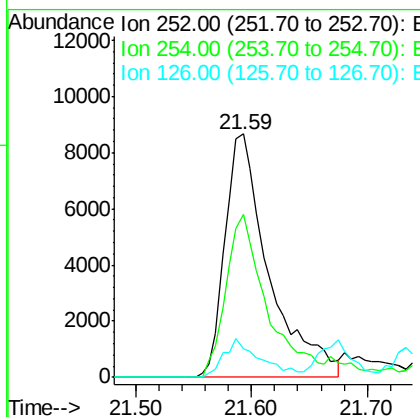
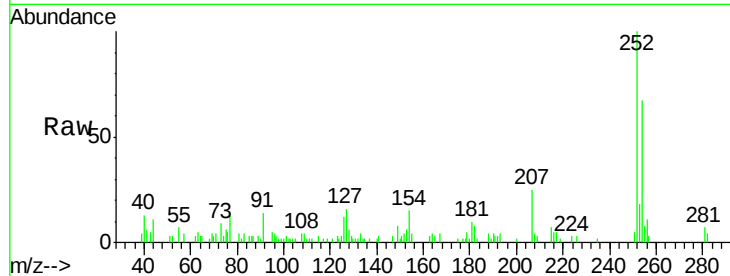
#81  
 3,3'-Dichlorobenzidine  
 Concen: 9.97 ng  
 RT: 21.59 min Scan# 3192  
 Delta R.T. -0.04 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TE-MW2-15MS

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 254     | 66.8  | 51.8       | 77.6       |
| 126     | 11.6  | 8.8        | 13.2       |

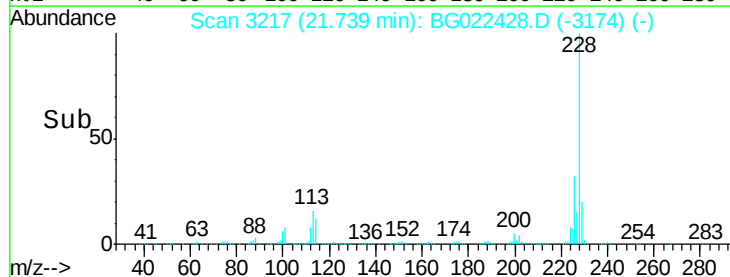
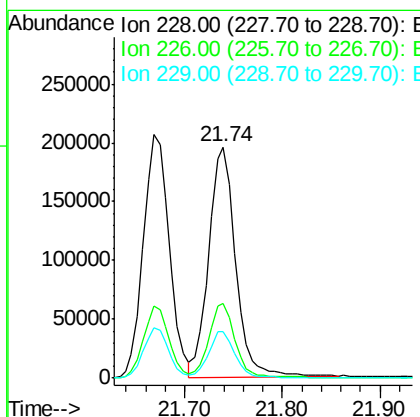
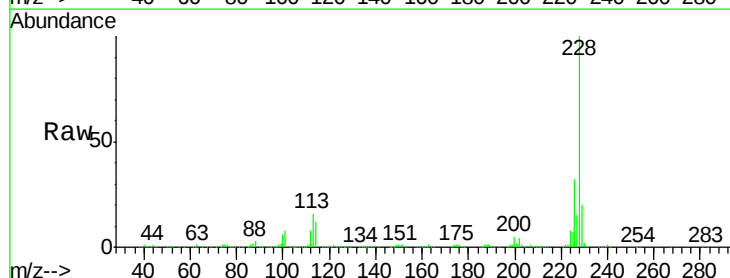
Manual Integrations  
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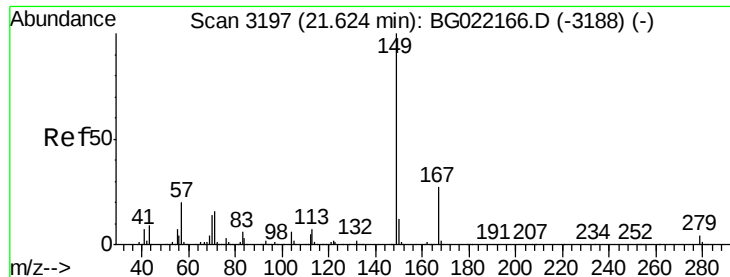
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#82  
 Chrysene  
 Concen: 46.91 ng  
 RT: 21.74 min Scan# 3217  
 Delta R.T. -0.05 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 228     | 100   |            |            |
| 226     | 32.5  | 25.4       | 38.0       |
| 229     | 20.4  | 15.9       | 23.9       |





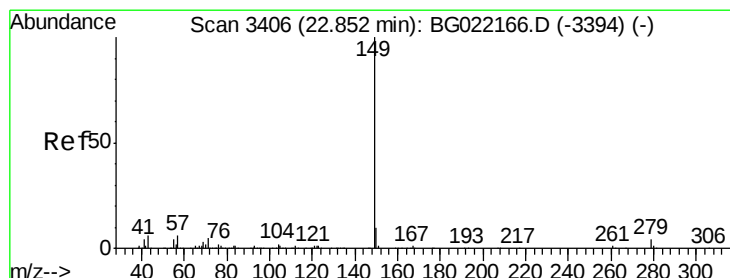
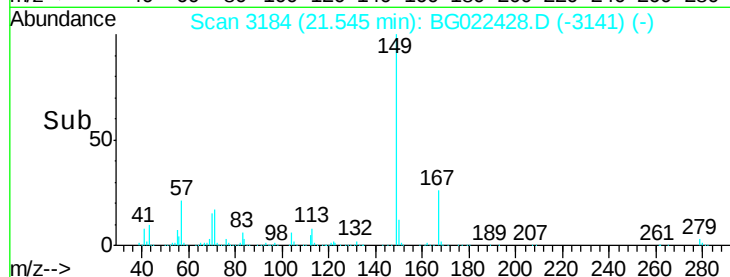
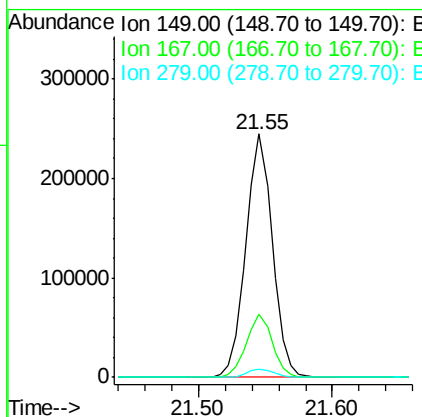
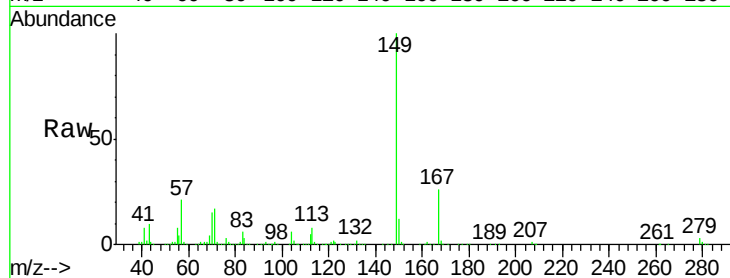
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 54.41 ng  
 RT: 21.55 min Scan# 3184  
 Delta R.T. -0.05 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TE-MW2-15MS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 335540 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 26.1  | 22.4  | 33.6   |
| 279       | 3.4   | 3.2   | 4.8    |

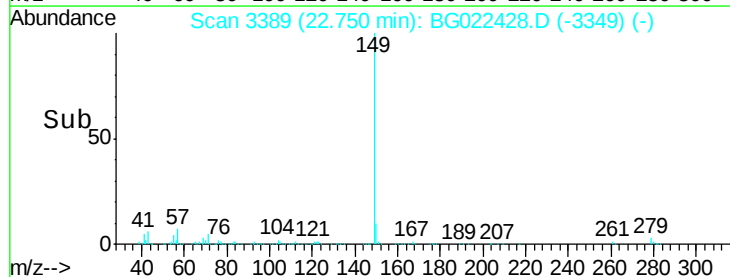
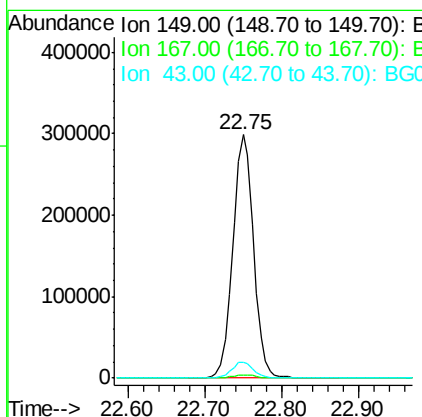
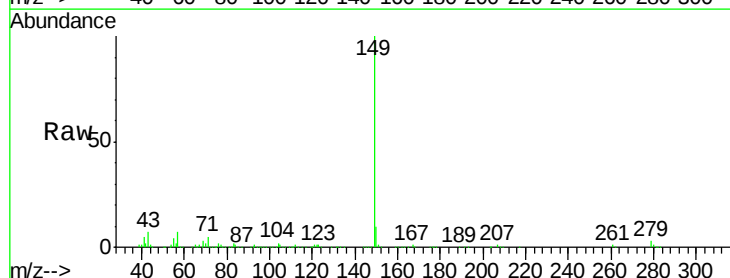
Manual Integrations  
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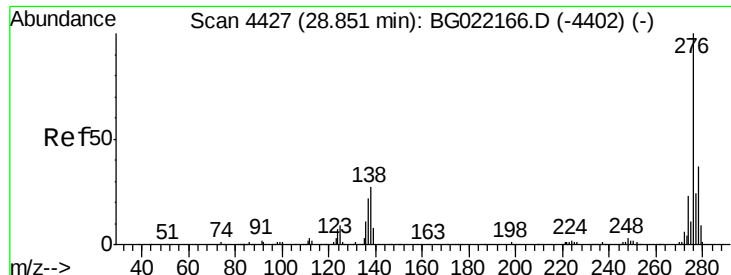
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#84  
 Di-n-octyl phthalate  
 Concen: 54.88 ng  
 RT: 22.75 min Scan# 3389  
 Delta R.T. -0.06 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 561981 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 167       | 1.5   | 1.3   | 1.9    |
| 43        | 6.6   | 9.8   | 14.6#  |





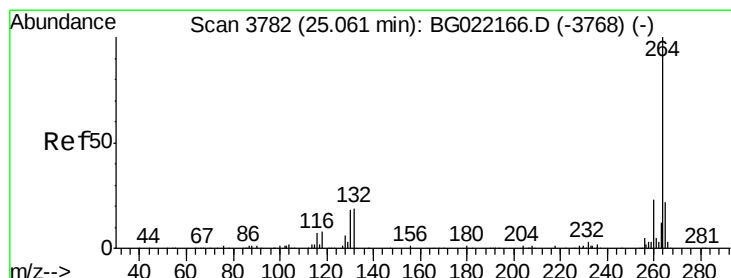
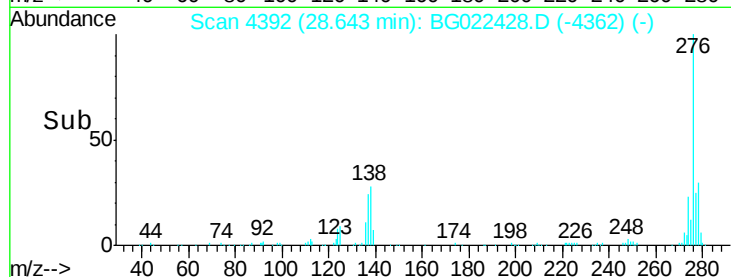
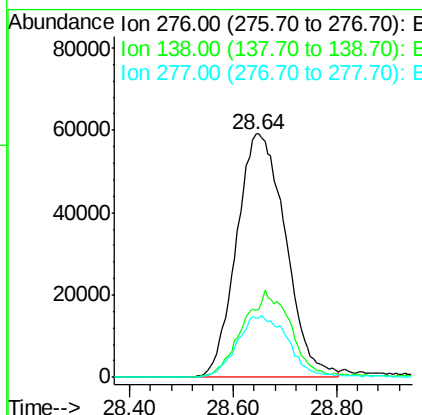
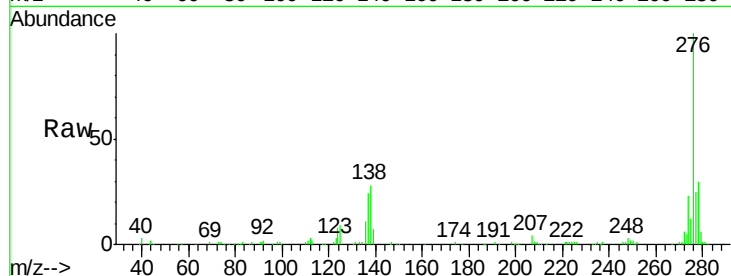
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.61 ng  
 RT: 28.64 min Scan# 4392  
 Delta R.T. -0.12 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TE-MW2-15MS

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 388320 |       |       |
| 138     | 34.7  | 14.0   | 21.0  | #     |
| 277     | 26.2  | 20.6   | 30.8  |       |

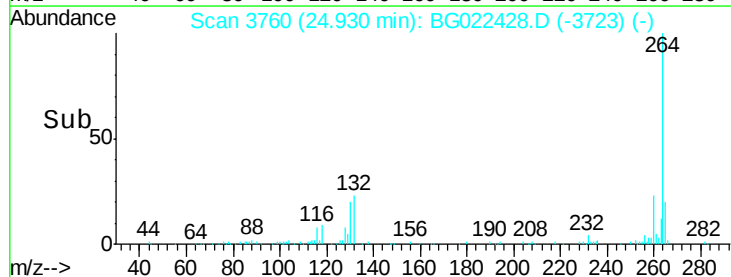
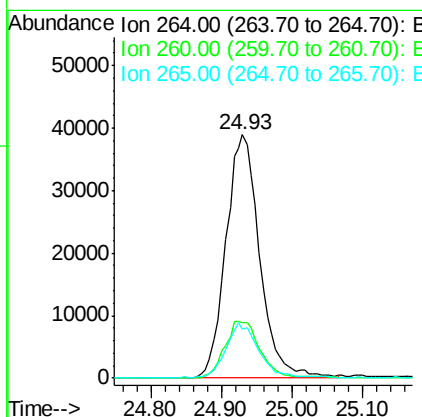
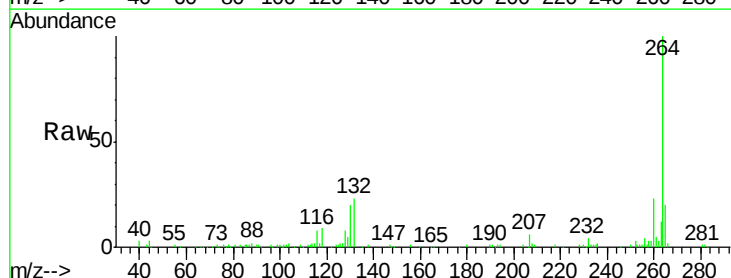
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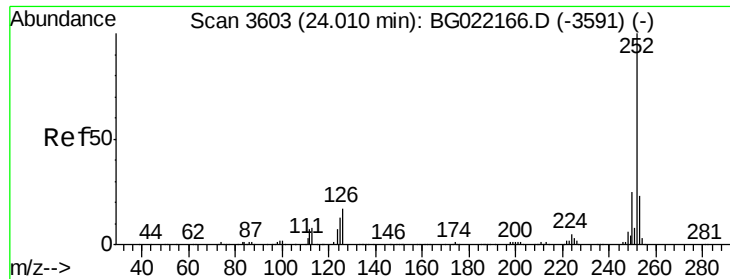
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#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 24.93 min Scan# 3760  
 Delta R.T. -0.08 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 264     | 100   | 129409 |       |       |
| 260     | 22.7  | 20.2   | 30.4  |       |
| 265     | 20.3  | 17.8   | 26.8  |       |





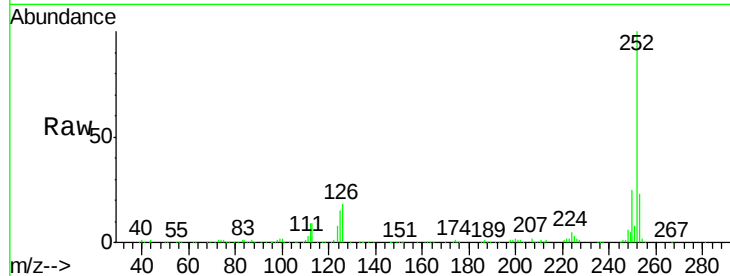
#87  
Benzo(b)fluoranthene  
Concen: 48.68 ng  
RT: 23.90 min Scan# 3584  
Delta R.T. -0.07 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

Instrument :  
BNA\_G  
ClientSampleId :  
TE-MW2-15MS

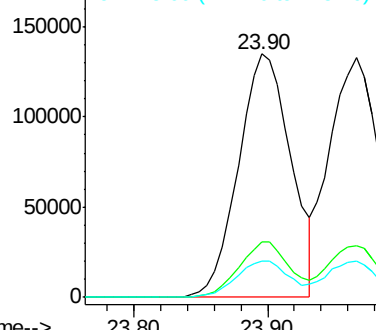
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 22.8  | 17.5       | 26.3       |
| 125     | 15.0  | 8.6        | 13.0#      |

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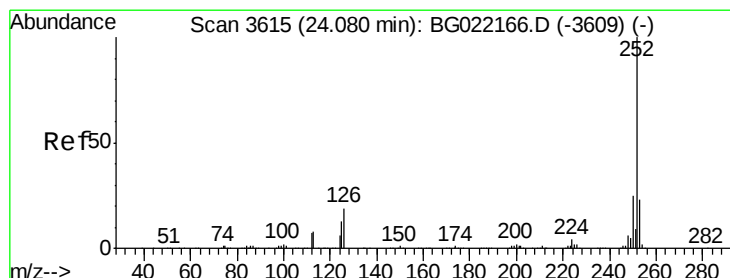
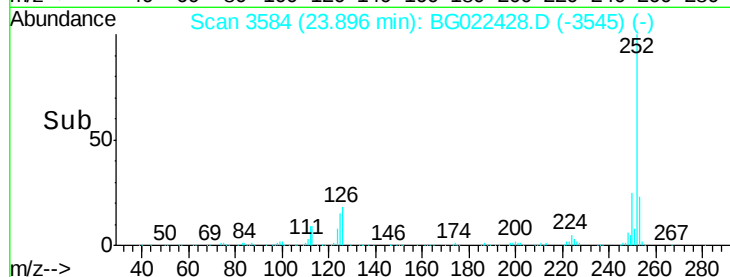
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Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



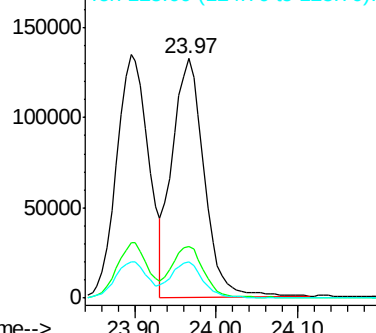
Time-->



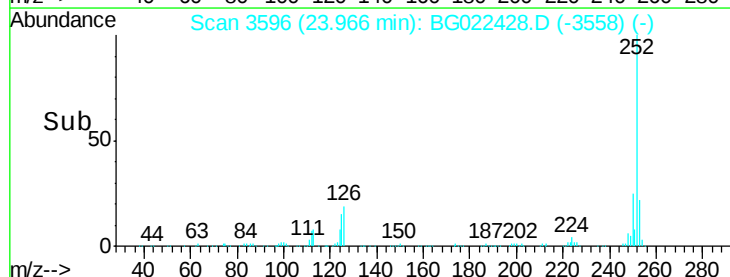
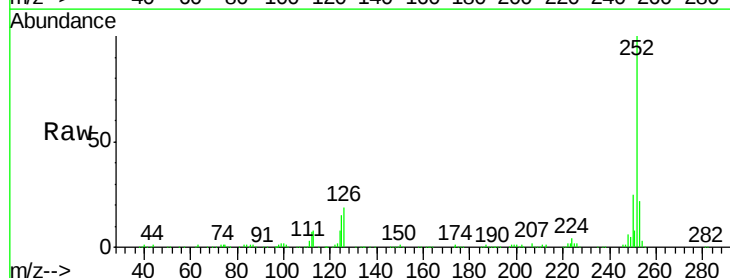
#88  
Benzo(k)fluoranthene  
Concen: 48.25 ng  
RT: 23.97 min Scan# 3596  
Delta R.T. -0.08 min  
Lab File: BG022428.D  
Acq: 18 Jun 2016 17:58

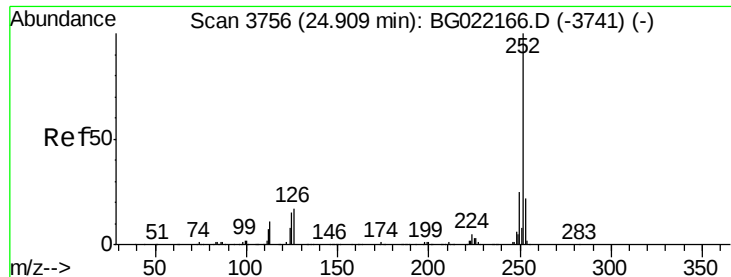
| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 252     | 100   |            |            |
| 253     | 21.6  | 17.8       | 26.8       |
| 125     | 15.4  | 8.3        | 12.5#      |

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



Time-->





#89

Benzo(a)pyrene

Concen: 47.38 ng

RT: 24.78 min Scan# 3734

Delta R.T. -0.08 min

Lab File: BG022428.D

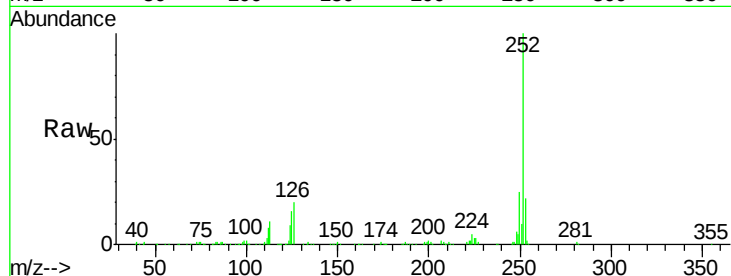
Acq: 18 Jun 2016 17:58

Instrument :

BNA\_G

ClientSampled :

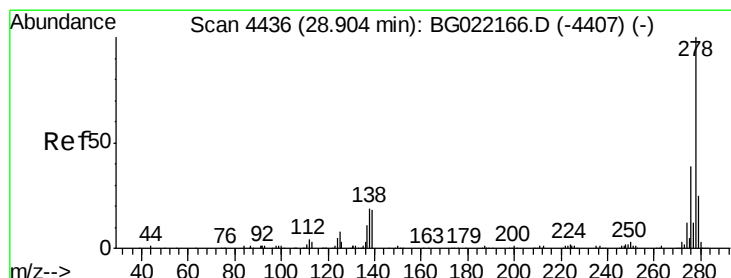
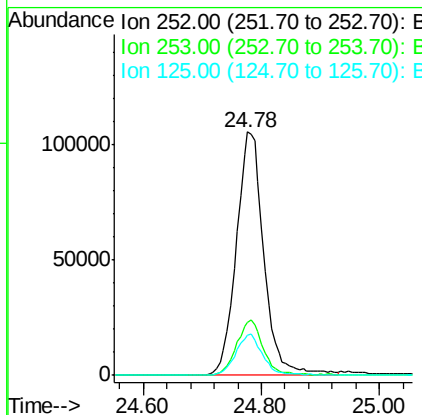
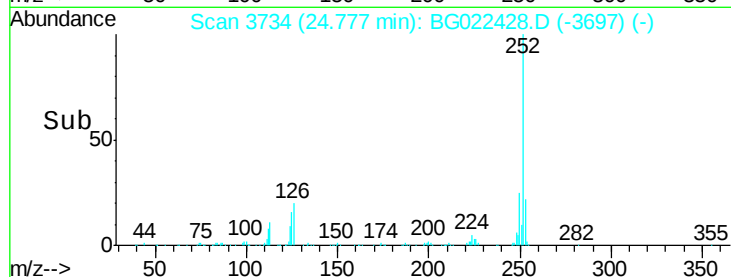
TE-MW2-15MS



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.0  | 17.1  | 25.7  |
| 125     | 16.3  | 9.6   | 14.4# |

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#90

Dibenzo(a,h)anthracene

Concen: 47.71 ng

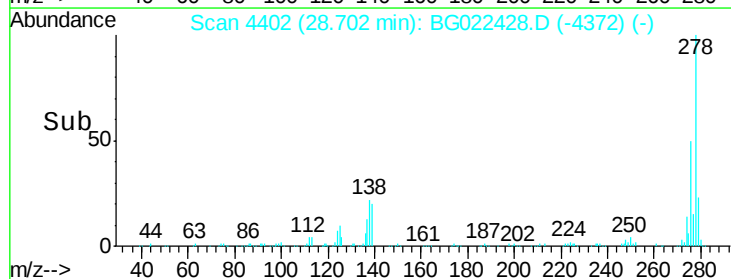
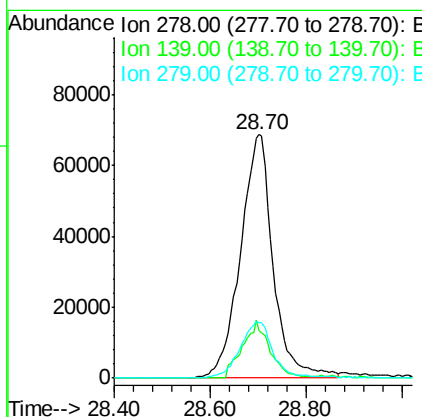
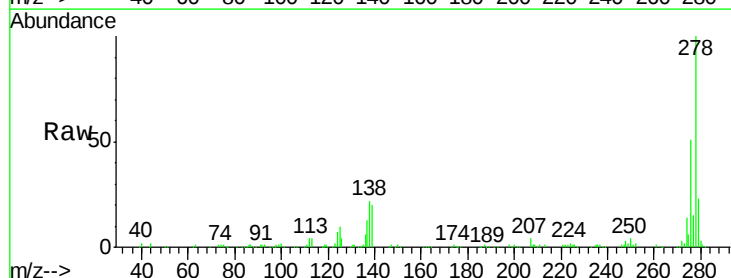
RT: 28.70 min Scan# 4402

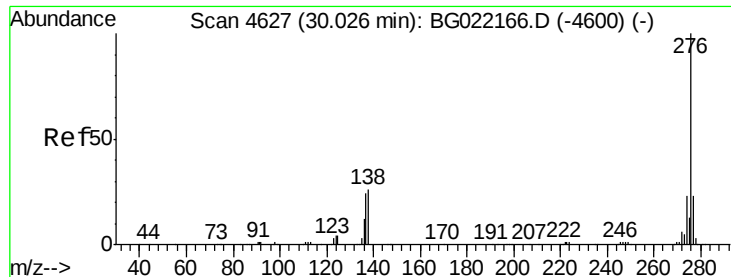
Delta R.T. -0.12 min

Lab File: BG022428.D

Acq: 18 Jun 2016 17:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 19.7  | 11.9  | 17.9# |
| 279     | 23.0  | 18.2  | 27.2  |





#91  
 Benzo(g,h,i)perylene  
 Concen: 46.97 ng  
 RT: 29.81 min Scan# 4590  
 Delta R.T. -0.14 min  
 Lab File: BG022428.D  
 Acq: 18 Jun 2016 17:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TE-MW2-15MS

| Tgt | Ion  | Ratio | Resp | Lower | Upper |
|-----|------|-------|------|-------|-------|
| 276 | 100  |       |      |       |       |
| 277 | 23.7 | 19.4  | 29.2 |       |       |
| 138 | 29.7 | 17.4  | 26.0 |       |       |

Manual Integrations  
 APPROVED

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