

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\  
 Data File : BG029380.D  
 Acq On : 20 Oct 2017 20:06  
 Operator : SJ/JU  
 Sample : I5981-06MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-101817-BMSD

Manual Integrations  
 APPROVED

Sohil  
 10/23/2017 3:40:48 PM

Quant Time: Oct 21 22:51:25 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 16 17:32:15 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 57056    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.98 | 136  | 250313   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.79 | 164  | 175375   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.52 | 188  | 455421   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.79 | 240  | 494447   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.10 | 264  | 528987   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.72  | 112 | 476743  | 139.59 | ng | 0.00 |
| 7) Phenol-d6             | 7.32  | 99  | 597347  | 124.60 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.33  | 82  | 398403  | 101.14 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.27 | 330 | 403532  | 178.22 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.41 | 172 | 1060810 | 88.72  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.11 | 244 | 2001148 | 92.07  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |         |    | Qvalue |
|--------------------------------|-------|-----|--------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.59  | 88  | 56963  | 41.106  | ng | # 85   |
| 3) Pyridine                    | 3.99  | 79  | 134266 | 33.272  | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.90  | 42  | 84980  | 45.050  | ng | # 93   |
| 6) Aniline                     | 7.49  | 93  | 154579 | 26.039  | ng | 94     |
| 8) 2-Chlorophenol              | 7.73  | 128 | 177429 | 45.322  | ng | 93     |
| 9) Benzaldehyde                | 7.29  | 77  | 47411  | 19.662  | ng | 95     |
| 10) Phenol                     | 7.35  | 94  | 215086 | 41.615  | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.58  | 93  | 172277 | 45.750  | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 8.06  | 146 | 191116 | 43.483  | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.20  | 146 | 192617 | 42.924  | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.52  | 146 | 189552 | 43.794  | ng | 97     |
| 15) Benzyl Alcohol             | 8.40  | 79  | 174336 | 51.603  | ng | 94     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.69  | 45  | 289294 | 45.238  | ng | 94     |
| 17) 2-Methylphenol             | 8.60  | 107 | 162115 | 47.218  | ng | 95     |
| 18) Hexachloroethane           | 9.26  | 117 | 67015  | 43.823  | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.97  | 70  | 146742 | 45.017  | ng | # 95   |
| 20) 3+4-Methylphenols          | 8.93  | 107 | 225747 | 46.664  | ng | 95     |
| 22) Acetophenone               | 8.99  | 105 | 276178 | 45.782  | ng | # 95   |
| 24) Nitrobenzene               | 9.37  | 77  | 207202 | 46.784  | ng | 92     |
| 25) Isophorone                 | 9.90  | 82  | 415952 | 50.583  | ng | # 95   |
| 26) 2-Nitrophenol              | 10.09 | 139 | 107788 | 50.921  | ng | # 88   |
| 27) 2,4-Dimethylphenol         | 10.14 | 122 | 185880 | 48.535  | ng | 93     |
| 28) bis(2-Chloroethoxy)methane | 10.38 | 93  | 249419 | 49.465  | ng | 95     |
| 29) 2,4-Dichlorophenol         | 10.63 | 162 | 210382 | 51.514  | ng | 91     |
| 30) 1,2,4-Trichlorobenzene     | 10.84 | 180 | 206818 | 46.875  | ng | 99     |
| 31) Naphthalene                | 11.04 | 128 | 572429 | 45.886  | ng | 98     |
| 32) Benzoic acid               | 10.26 | 122 | 105030 | 32.753  | ng | 87     |
| 33) 4-Chloroaniline            | 11.14 | 127 | 39133  | 7.457   | ng | # 93   |
| 34) Hexachlorobutadiene        | 11.32 | 225 | 127573 | 46.504  | ng | 97     |
| 35) Caprolactam                | 11.91 | 113 | 68407m | 50.400  | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.25 | 107 | 234789 | 52.271  | ng | # 89   |
| 37) 2-Methylnaphthalene        | 12.63 | 142 | 450564 | 49.555  | ng | 94     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216 | 252543 | 39.442  | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.97 | 237 | 292494 | 118.223 | ng | 94     |

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 ALS Vial : 13 Sample Multiplier: 1

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 BNA\_G  
 ClientSampleId :  
 NB-01-101817-BMSD

Manual Integrations  
 APPROVED

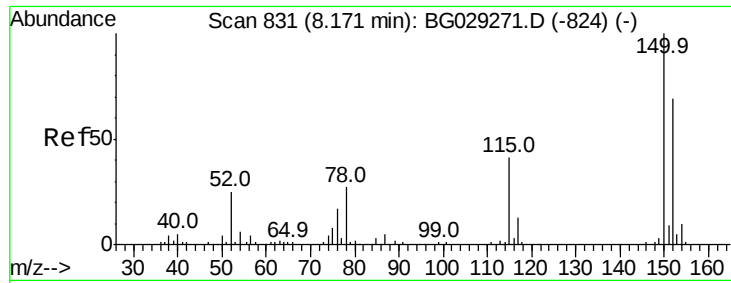
Sohil  
 10/23/2017 3:40:48 PM

Quant Time: Oct 21 22:51:25 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 16 17:32:15 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.22 | 196  | 194714   | 48.442  | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.30 | 196  | 215833   | 52.286  | nq    | 94       |
| 45) 1,1'-Biphenyl              | 13.62 | 154  | 620135   | 41.139  | nq    | 96       |
| 46) 2-Chloronaphthalene        | 13.67 | 162  | 481142   | 43.759  | nq    | 97       |
| 47) 2-Nitroaniline             | 13.86 | 65   | 168761   | 55.880  | nq    | # 86     |
| 48) Acenaphthylene             | 14.51 | 152  | 790722   | 45.951  | nq    | 98       |
| 49) Dimethylphthalate          | 14.23 | 163  | 704802   | 51.508  | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 14.35 | 165  | 159739   | 55.689  | nq    | # 82     |
| 51) Acenaphthene               | 14.85 | 154  | 503756   | 44.994  | nq    | 99       |
| 52) 3-Nitroaniline             | 14.68 | 138  | 94624    | 30.571  | nq    | # 79     |
| 53) 2,4-Dinitrophenol          | 14.89 | 184  | 107861   | 69.257  | nq    | # 52     |
| 54) Dibenzofuran               | 15.18 | 168  | 808248   | 50.568  | nq    | 99       |
| 55) 4-Nitrophenol              | 14.99 | 139  | 266398   | 104.396 | nq    | # 84     |
| 56) 2,4-Dinitrotoluene         | 15.14 | 165  | 236244   | 60.841  | nq    | # 77     |
| 57) Fluorene                   | 15.83 | 166  | 655490   | 49.644  | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.40 | 232  | 215676   | 62.625  | nq    | 96       |
| 59) Diethylphthalate           | 15.59 | 149  | 735690   | 53.949  | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.81 | 204  | 365732   | 51.952  | nq    | 96       |
| 61) 4-Nitroaniline             | 15.84 | 138  | 180410   | 56.763  | nq    | 88       |
| 62) Azobenzene                 | 16.11 | 77   | 630447   | 54.825  | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.90 | 198  | 106425   | 41.813  | nq    | 85       |
| 65) n-Nitrosodiphenylamine     | 16.03 | 169  | 630772   | 46.236  | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.71 | 248  | 256437   | 49.071  | nq    | 99       |
| 67) Hexachlorobenzene          | 16.83 | 284  | 270398   | 45.679  | nq    | 98       |
| 68) Atrazine                   | 16.97 | 200  | 265712   | 54.585  | nq    | 99       |
| 69) Pentachlorophenol          | 17.17 | 266  | 348810   | 102.577 | nq    | 99       |
| 70) Phenanthrene               | 17.56 | 178  | 1144181  | 48.632  | nq    | 97       |
| 71) Anthracene                 | 17.66 | 178  | 1170364  | 49.541  | nq    | 97       |
| 72) Carbazole                  | 17.92 | 167  | 1105999  | 48.735  | nq    | 98       |
| 73) Di-n-butylphthalate        | 18.47 | 149  | 1298649  | 49.755  | nq    | 99       |
| 74) Fluoranthene               | 19.56 | 202  | 1447878  | 52.615  | nq    | 96       |
| 76) Benzidine                  | 19.73 | 184  | 234888   | 15.734  | nq    | 98       |
| 77) Pyrene                     | 19.92 | 202  | 1467222  | 48.917  | nq    | 94       |
| 79) Butylbenzylphthalate       | 20.79 | 149  | 619291   | 48.463  | nq    | 92       |
| 80) Benzo(a)anthracene         | 21.78 | 228  | 1474439  | 50.790  | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.68 | 252  | 390272   | 32.571  | nq    | 98       |
| 82) Chrysene                   | 21.84 | 228  | 1377949  | 49.564  | nq    | 95       |
| 83) Bis(2-ethylhexyl)phthalate | 21.67 | 149  | 862232   | 47.015  | nq    | 100      |
| 84) Di-n-octyl phthalate       | 22.91 | 149  | 1492165  | 46.685  | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.89 | 276  | 1834934  | 53.648  | nq    | # 93     |
| 87) Benzo(b)fluoranthene       | 24.05 | 252  | 1562869  | 51.606  | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 24.12 | 252  | 1471041  | 48.756  | nq    | 97       |
| 89) Benzo(a)pyrene             | 24.95 | 252  | 1489102  | 51.147  | nq    | 100      |
| 90) Dibenzo(a,h)anthracene     | 28.96 | 278  | 1522916  | 51.667  | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 30.09 | 276  | 1505435  | 54.969  | nq    | 96       |

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





#1

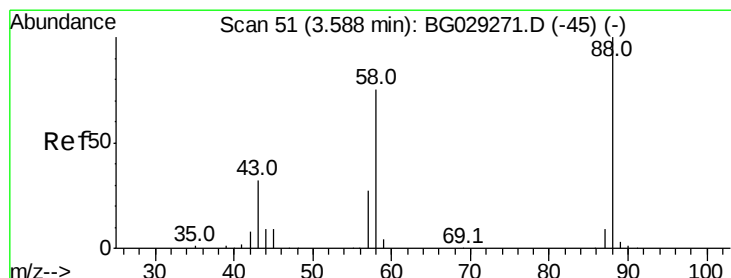
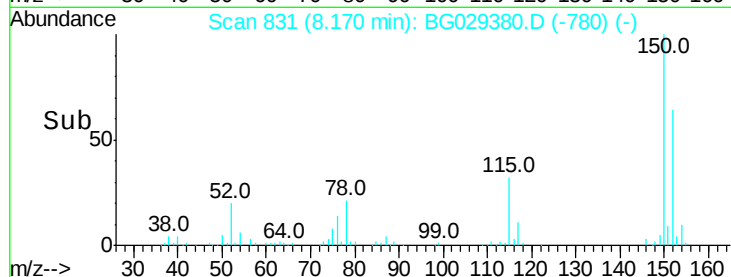
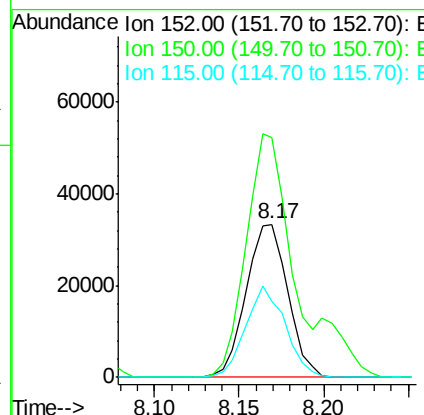
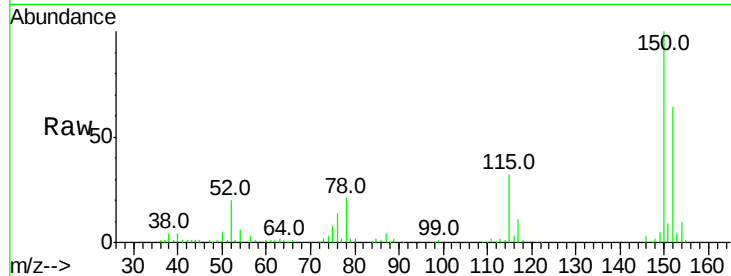
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.17 min Scan# 831  
Delta R.T. -0.00 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.6 | 126.6 | 189.8 |
| 115     | 49.8  | 53.0  | 79.4  |

Manual Integrations  
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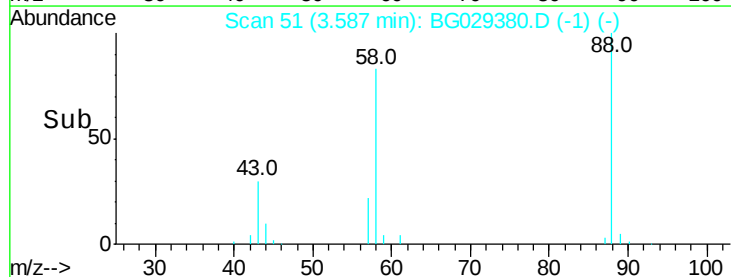
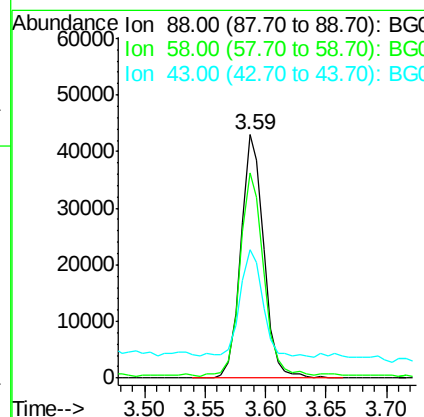
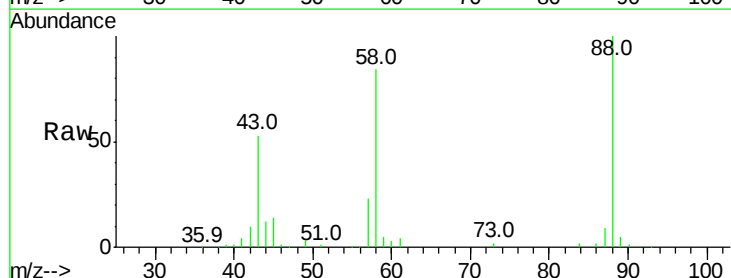
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10/23/2017 3:40:48 PM

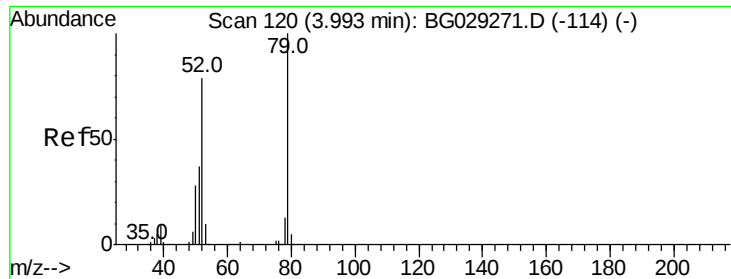


#2

1,4-Dioxane  
Concen: 41.106 ng  
RT: 3.59 min Scan# 51  
Delta R.T. -0.00 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 85.7  | 79.6  | 119.4 |
| 43      | 44.2  | 27.4  | 41.0  |





#3

Pvridine

Concen: 33.272 ng

RT: 3.99 min Scan# 120

Delta R.T. -0.00 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

Instrument :

BNA\_G

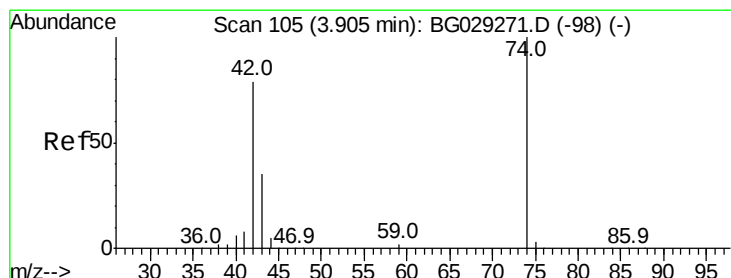
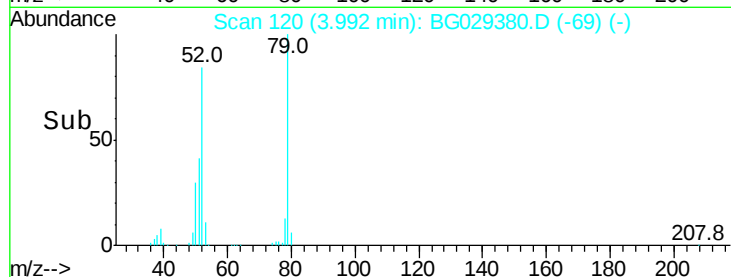
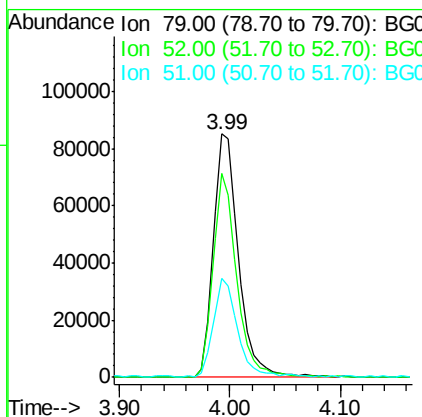
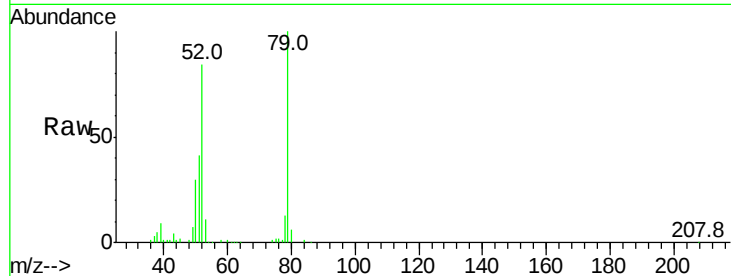
ClientSampleId :

NB-01-101817-BMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 79    | Resp: | 134266 |
| Ion Ratio | Lower | Upper |        |
| 79        | 100   |       |        |
| 52        | 83.8  | 69.9  | 104.9  |
| 51        | 40.9  | 34.0  | 51.0   |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 45.050 ng

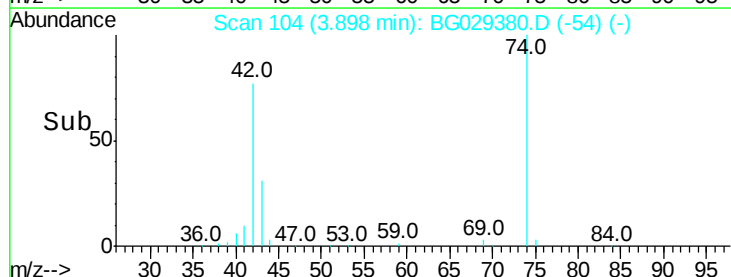
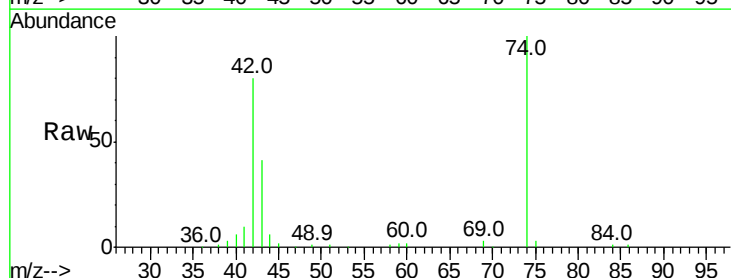
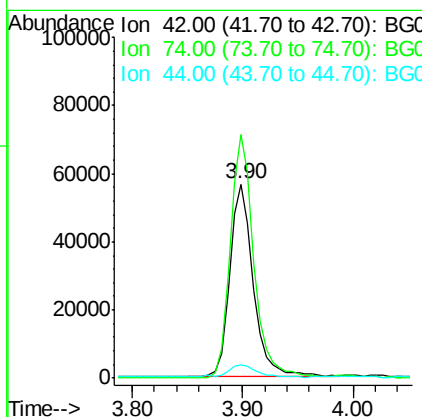
RT: 3.90 min Scan# 104

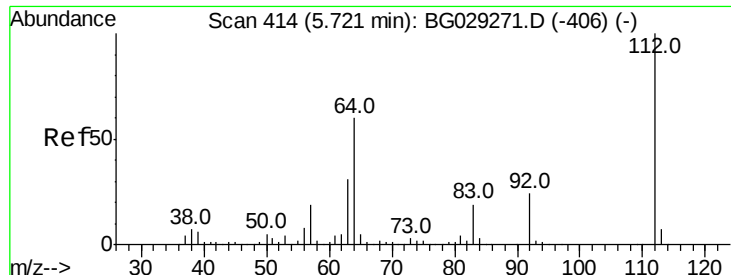
Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 84980 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 74        | 125.7 | 102.5 | 153.7 |
| 44        | 7.0   | 18.9  | 28.3# |





#5

2-Fluorophenol

Concen: 139.586 ng

RT: 5.72 min Scan# 414

Delta R.T. -0.00 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

Instrument :

BNA\_G

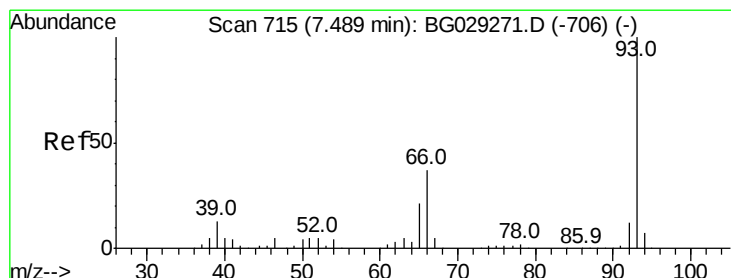
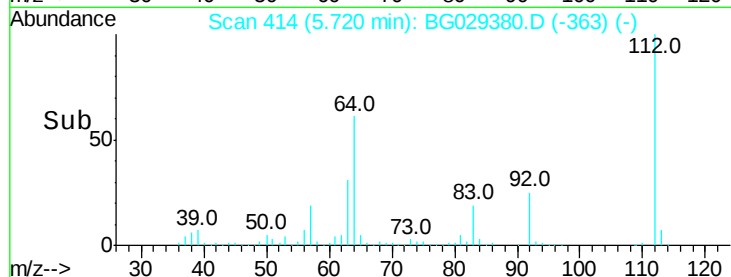
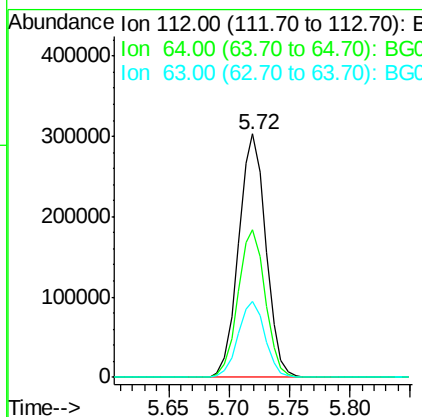
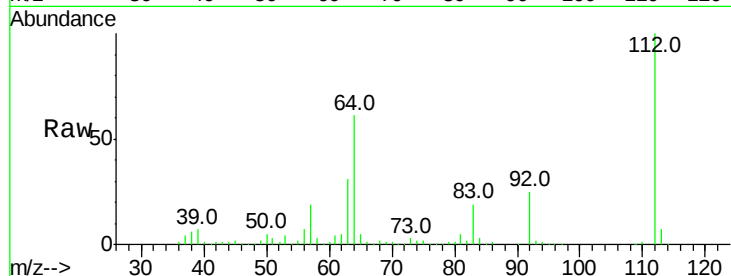
ClientSampleId :

NB-01-101817-BMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 476743 |       |       |
| 64      | 60.6  | 56.3   | 84.5  |       |
| 63      | 31.3  | 30.1   | 45.1  |       |

Manual Integrations  
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#6

Aniline

Concen: 26.039 ng

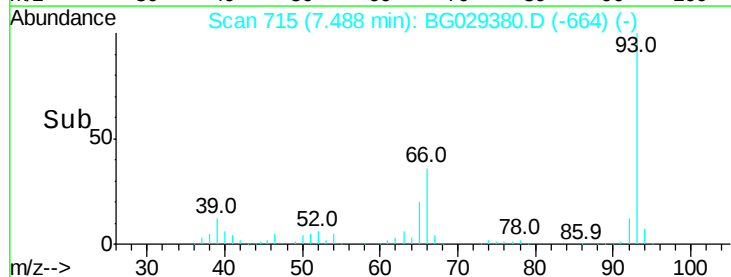
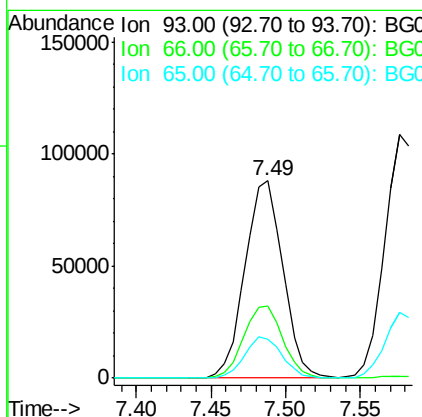
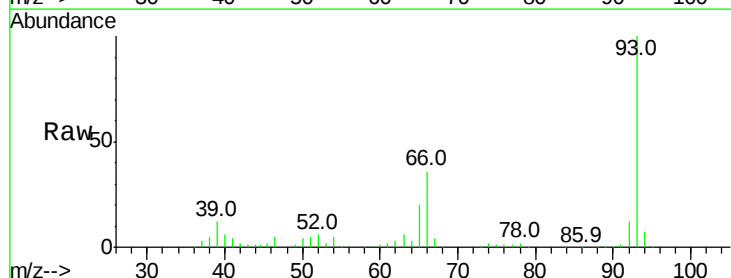
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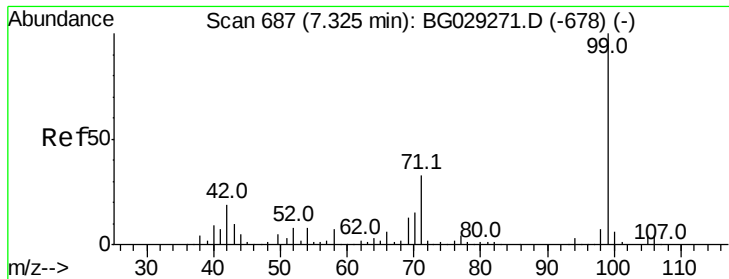
Delta R.T. -0.00 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 154579 |       |       |
| 66      | 36.5  | 33.7   | 50.5  |       |
| 65      | 19.8  | 16.1   | 24.1  |       |





#7

Phenol-d6

Concen: 124.602 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

Instrument :

BNA\_G

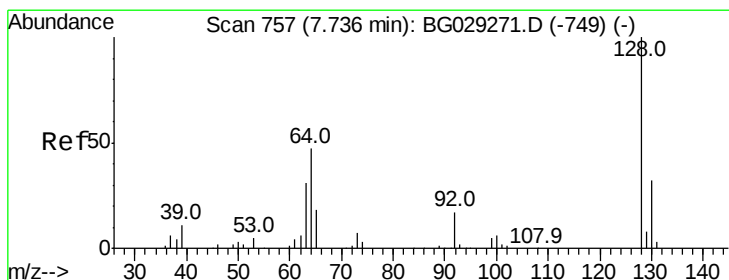
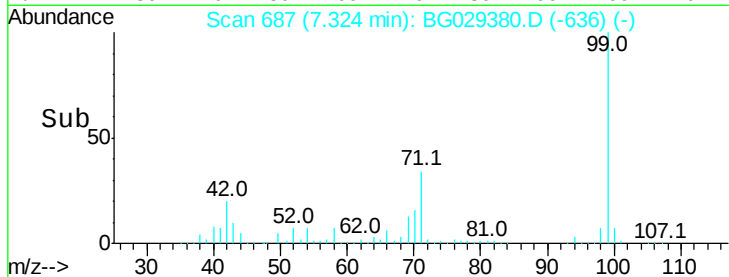
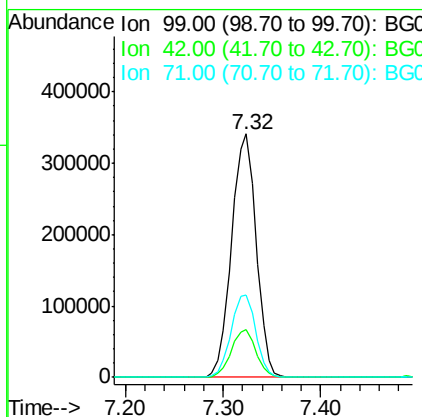
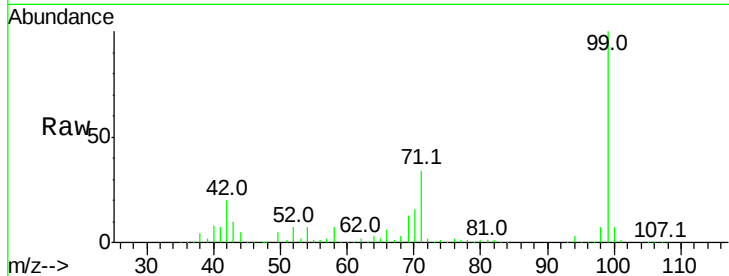
ClientSampleId :

NB-01-101817-BMSD

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 597347 |       |       |
| 42      | 19.8 | 14.1  | 21.1   |       |       |
| 71      | 34.0 | 26.1  | 39.1   |       |       |

Manual Integrations  
APPROVED

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#8

2-Chlorophenol

Concen: 45.322 ng

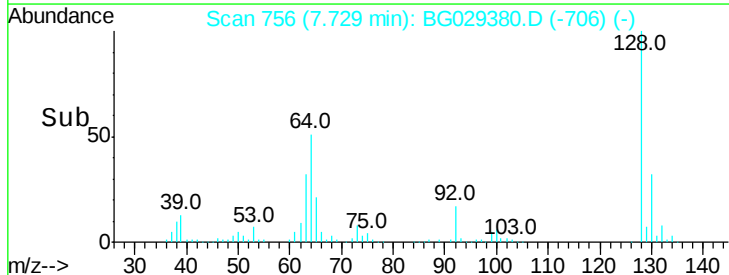
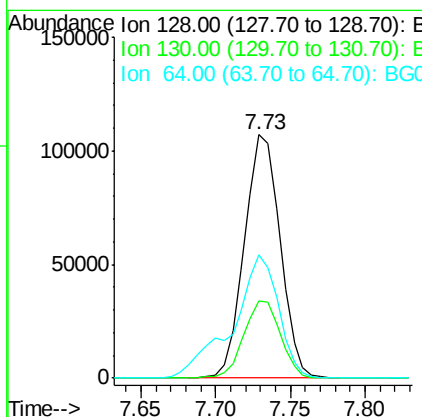
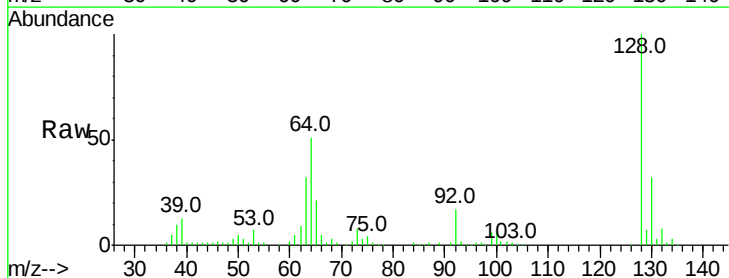
RT: 7.73 min Scan# 756

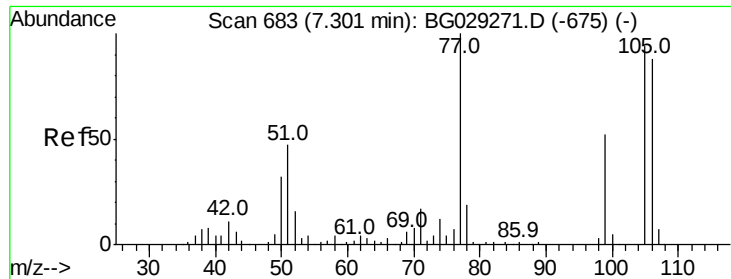
Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 128     | 100  |       | 177429 |       |       |
| 130     | 31.8 | 14.0  | 54.0   |       |       |
| 64      | 50.8 | 37.7  | 77.7   |       |       |





#9

Benzaldehyde

Concen: 19.662 ng

RT: 7.29 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

Instrument :

BNA\_G

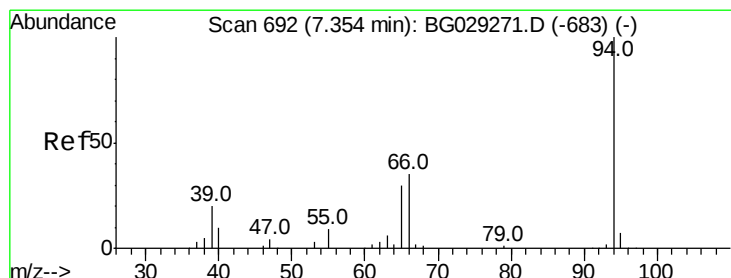
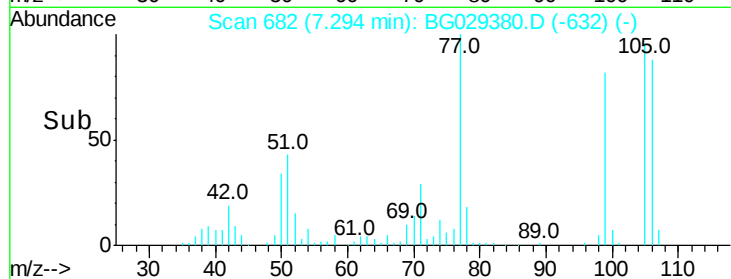
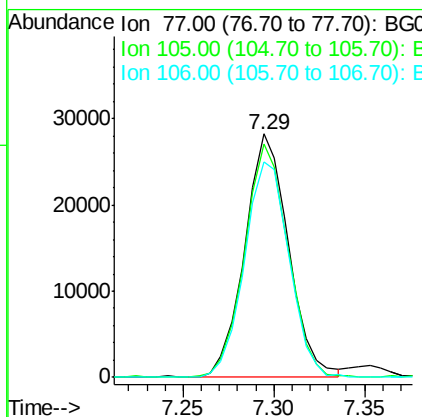
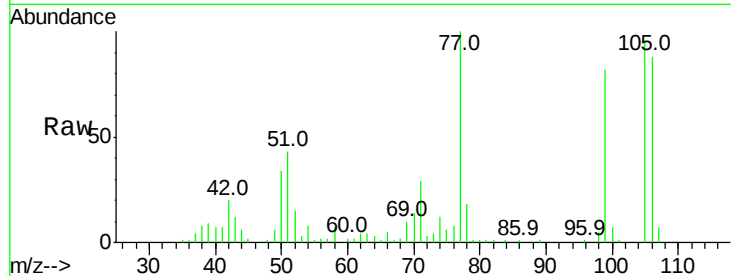
ClientSampleId :

NB-01-101817-BMSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 47411 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 96.0  | 71.3  | 111.3 |
| 106      | 88.4  | 64.2  | 104.2 |

Manual Integrations  
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#10

Phenol

Concen: 41.615 ng

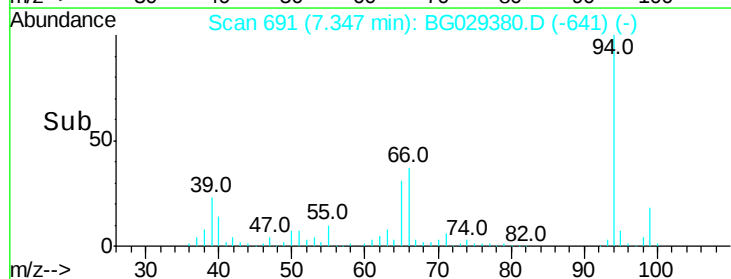
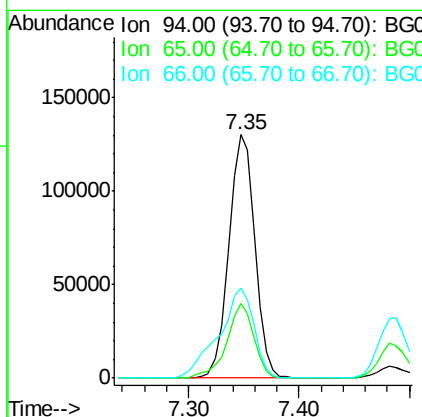
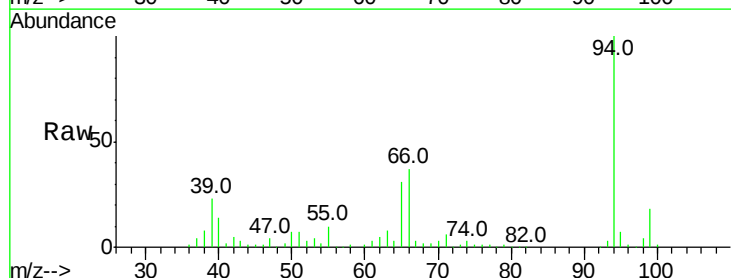
RT: 7.35 min Scan# 691

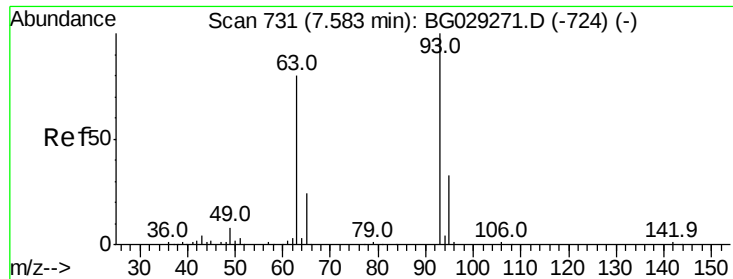
Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 215086 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 30.5  | 11.9  | 51.9   |
| 66       | 37.2  | 22.2  | 62.2   |





#11

bis(2-Chloroethyl)ether

Concen: 45.750 ng

RT: 7.58 min Scan# 730

Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

Instrument :

BNA\_G

ClientSampleId :

NB-01-101817-BMSD

Tot Ion: 93 Resp: 172277

Ion Ratio Lower Upper

93 100

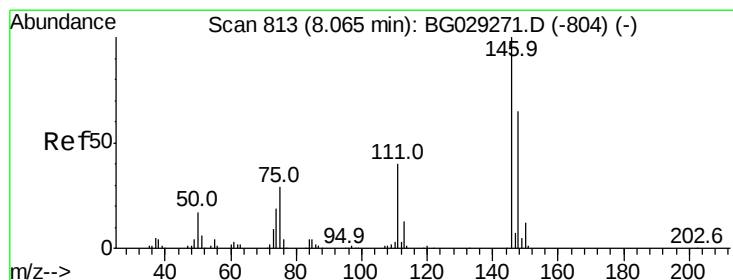
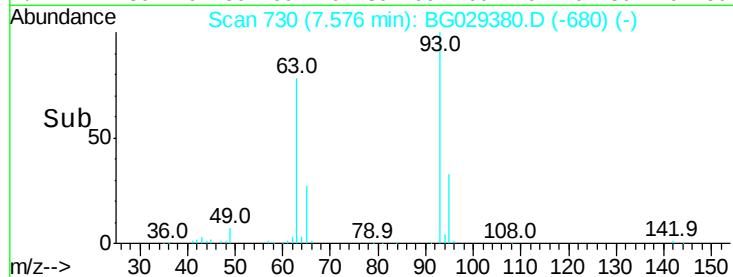
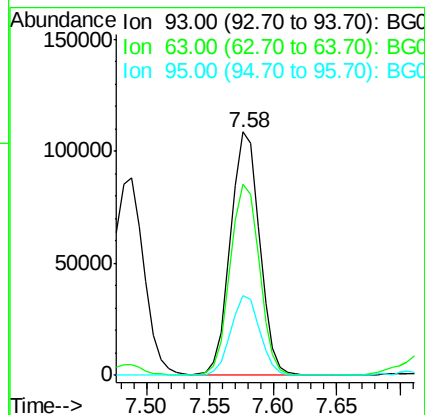
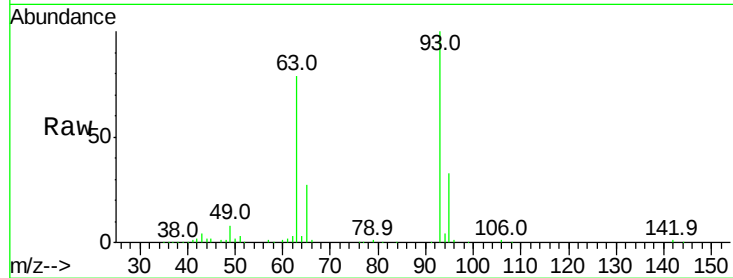
63 78.5 67.1 107.1

95 33.0 11.5 51.5

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#12

1,3-Dichlorobenzene

Concen: 43.483 ng

RT: 8.06 min Scan# 812

Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

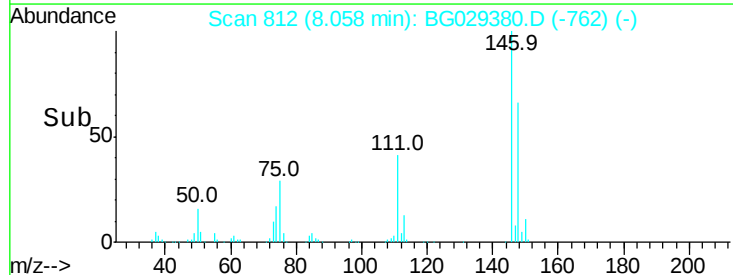
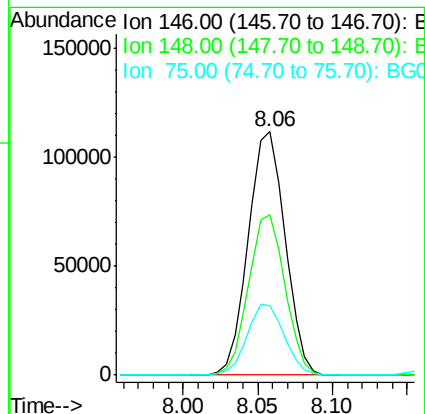
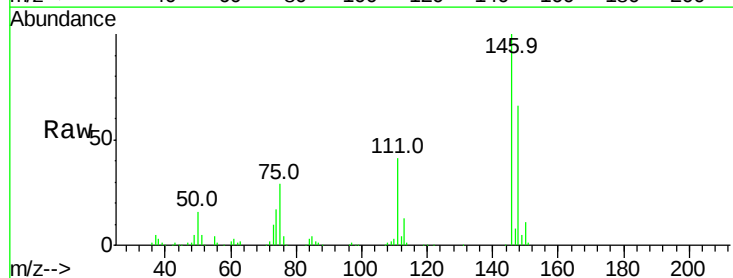
Tgt Ion: 146 Resp: 191116

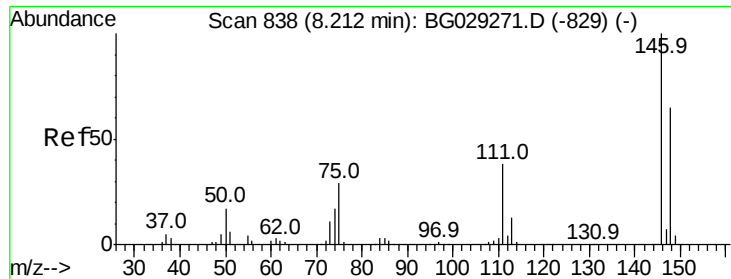
Ion Ratio Lower Upper

146 100

148 66.1 51.4 77.2

75 28.6 26.6 39.8





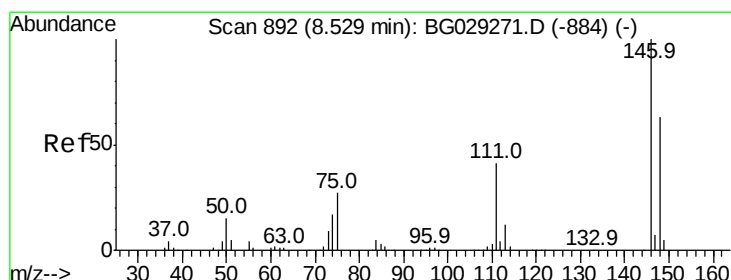
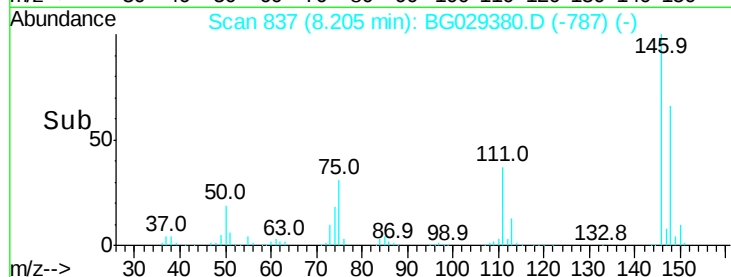
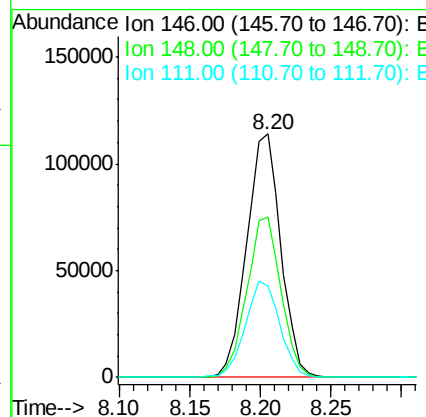
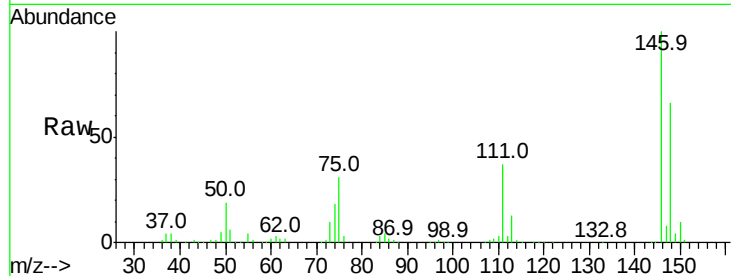
#13  
 1,4-Dichlorobenzene  
 Concen: 42.924 ng  
 RT: 8.20 min Scan# 837  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.8  | 53.7  | 80.5  |
| 111     | 37.5  | 35.2  | 52.8  |

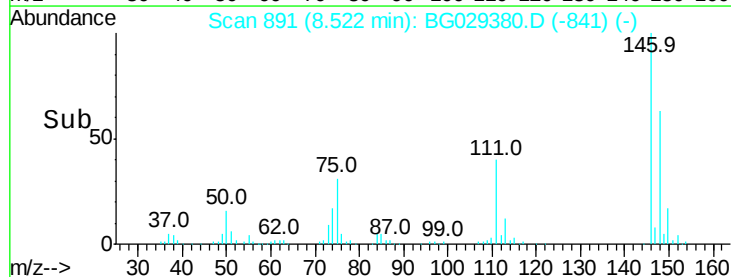
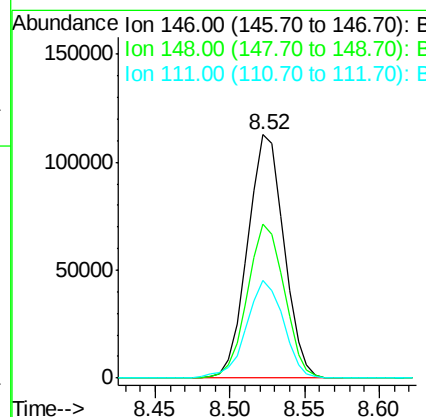
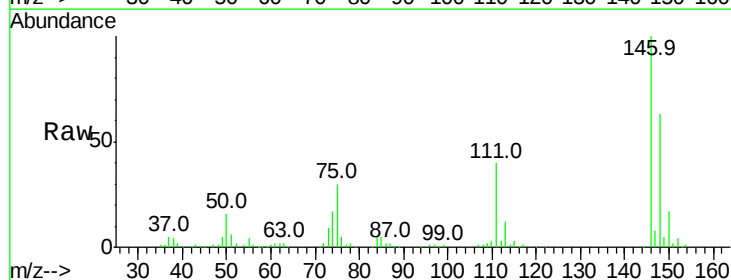
Manual Integrations  
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#14  
 1,2-Dichlorobenzene  
 Concen: 43.794 ng  
 RT: 8.52 min Scan# 891  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 49.3  | 73.9  |
| 111     | 40.3  | 34.3  | 51.5  |





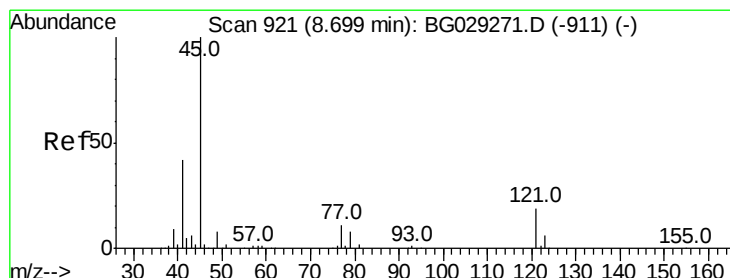
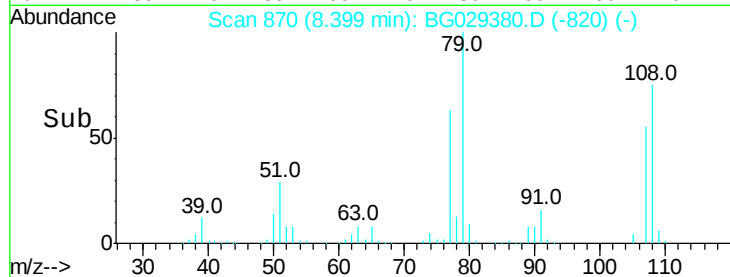
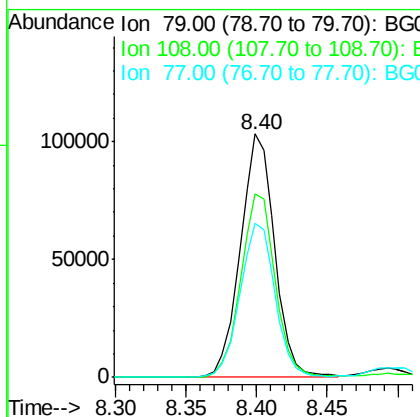
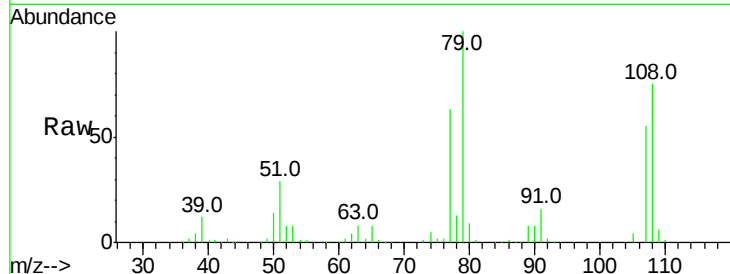
#15  
Benzyl Alcohol  
Concen: 51.603 ng  
RT: 8.40 min Scan# 870  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 108     | 75.2  | 57.2  | 85.8  |
| 77      | 63.4  | 46.1  | 69.1  |

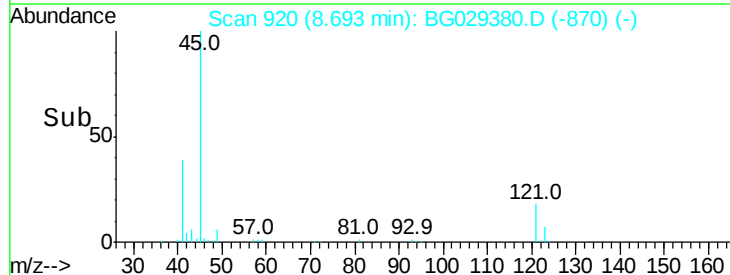
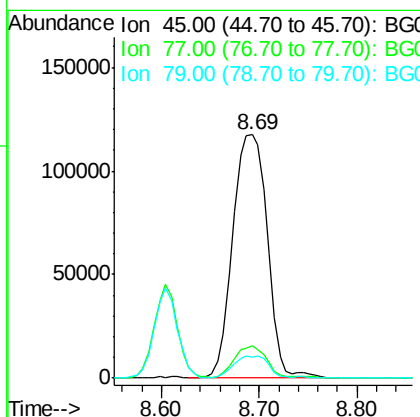
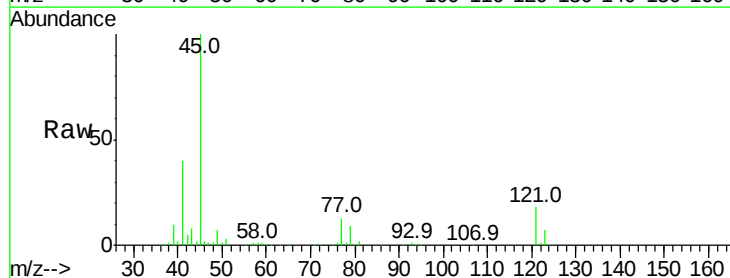
Manual Integrations  
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#16  
2,2'-oxybis(1-chloropropane)  
Concen: 45.238 ng  
RT: 8.69 min Scan# 920  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 13.4  | 0.0   | 30.2  |
| 79      | 8.8   | 0.0   | 27.9  |





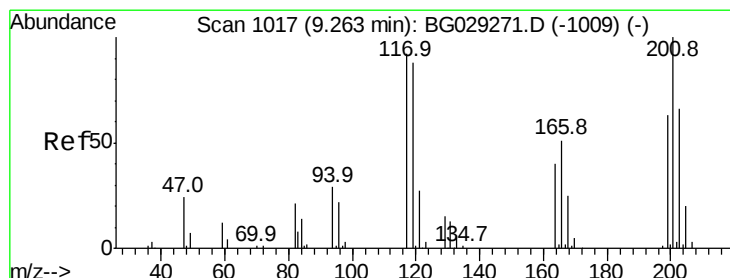
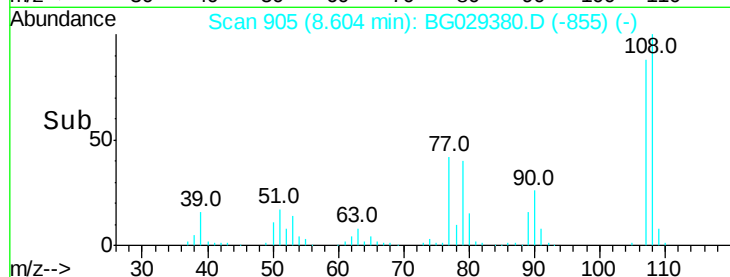
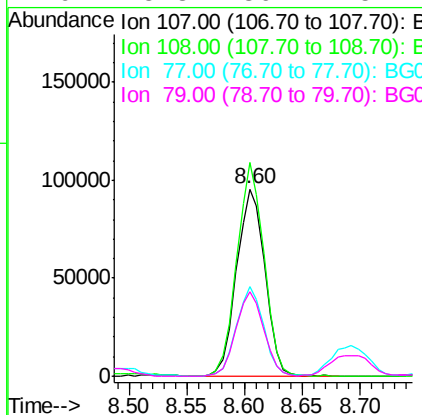
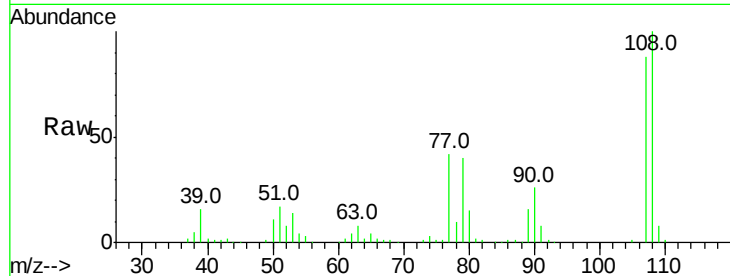
#17  
2-Methylphenol  
Concen: 47.218 ng  
RT: 8.60 min Scan# 905  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 107     | 100   | 162115 |       |       |
| 108     | 114.0 | 83.9   | 125.9 |       |
| 77      | 47.6  | 37.2   | 55.8  |       |
| 79      | 45.3  | 36.2   | 54.2  |       |

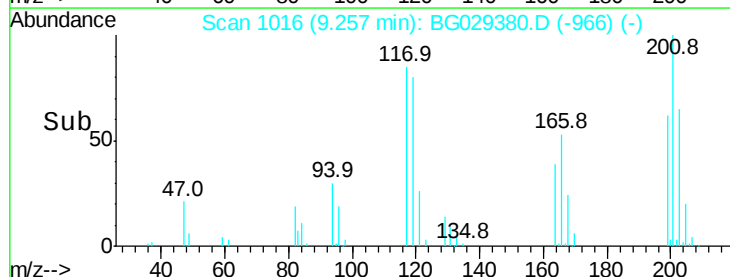
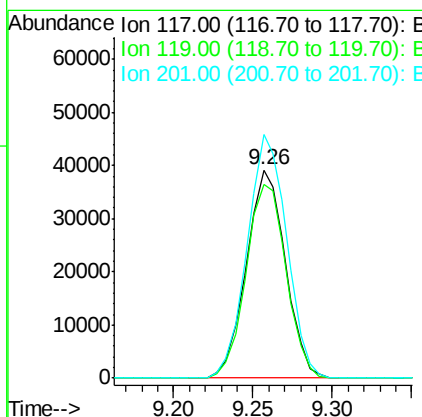
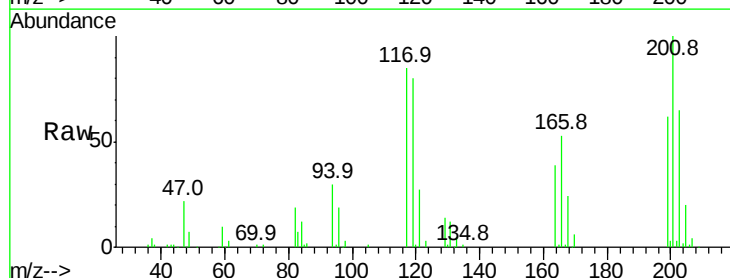
Manual Integrations  
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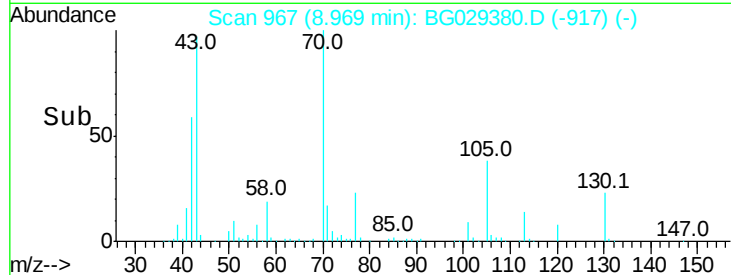
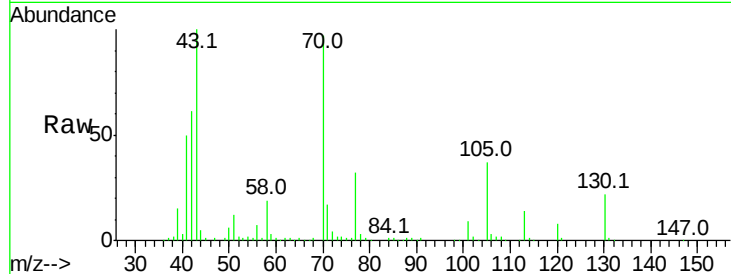
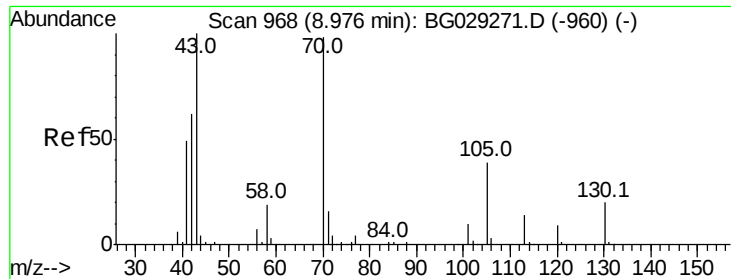
Sohil  
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#18  
Hexachloroethane  
Concen: 43.823 ng  
RT: 9.26 min Scan# 1016  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 117     | 100   | 67015 |       |       |
| 119     | 93.2  | 76.7  | 115.1 |       |
| 201     | 117.0 | 95.7  | 143.5 |       |





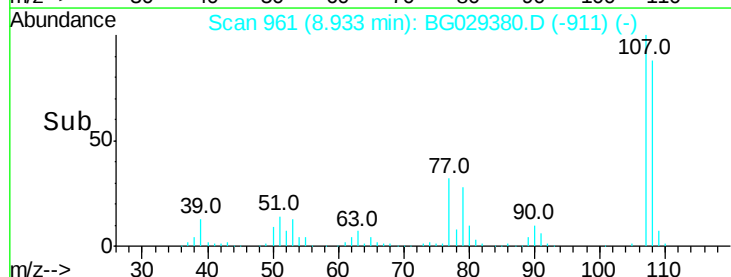
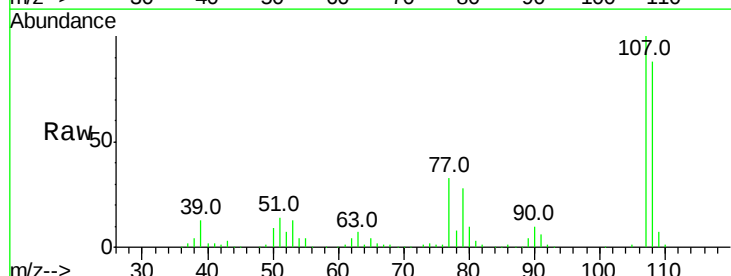
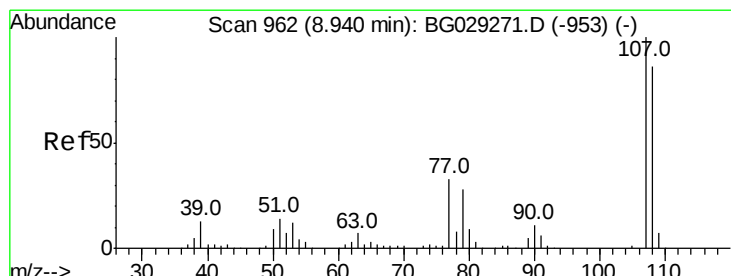
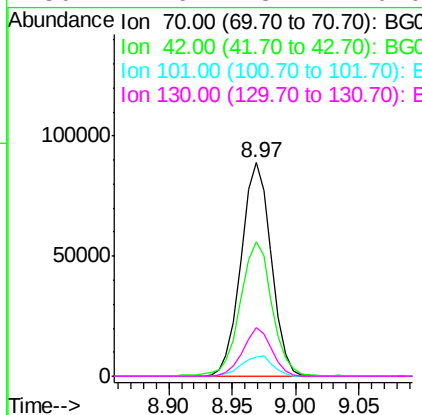
#19  
n-Nitroso-di-n-propylamine  
Concen: 45.017 ng  
RT: 8.97 min Scan# 967  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 63.0 | 49.1  | 73.7  |       |
| 101     | 8.9  | 8.5   | 12.7  |       |
| 130     | 22.6 | 13.4  | 20.0  |       |

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

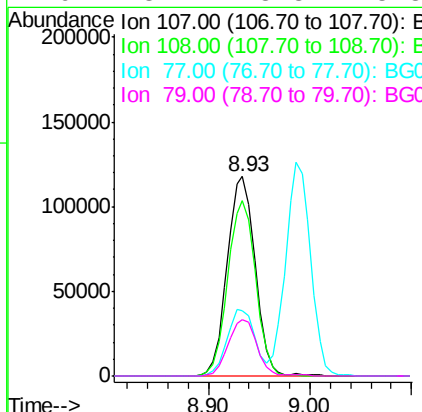
Manual Integrations  
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#20  
3+4-Methylphenols  
Concen: 46.664 ng  
RT: 8.93 min Scan# 961  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 88.1 | 61.6  | 101.6 |       |
| 77      | 32.5 | 13.9  | 53.9  |       |
| 79      | 28.1 | 8.8   | 48.8  |       |





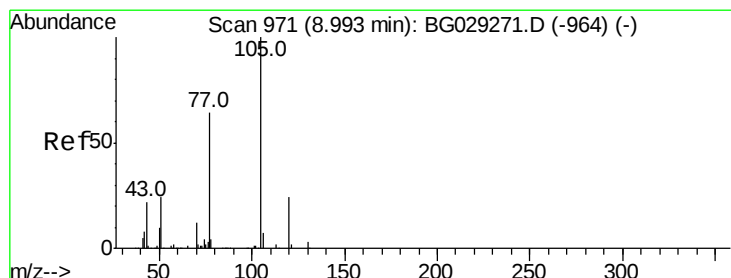
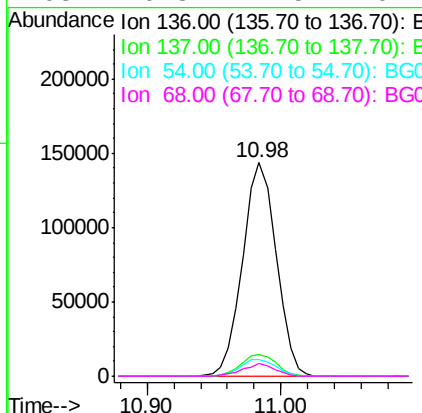
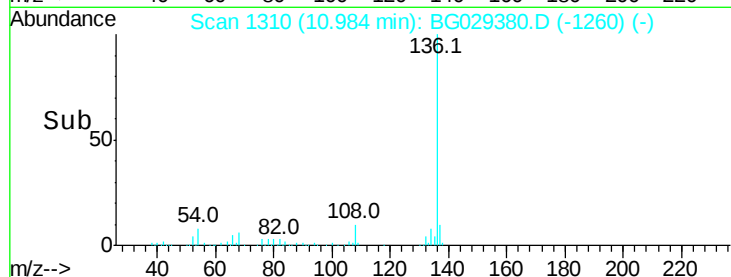
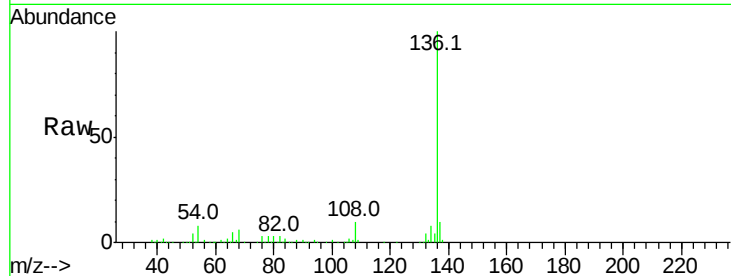
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.98 min Scan# 1310  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 136     | 100   |      |       |       |
| 137     | 10.5  | 9.2  | 13.8  |       |
| 54      | 7.8   | 10.3 | 15.5  |       |
| 68      | 6.3   | 4.5  | 6.7   |       |

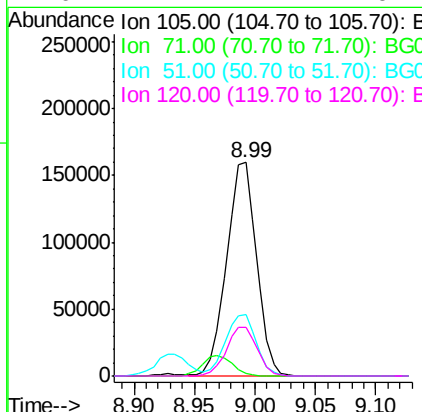
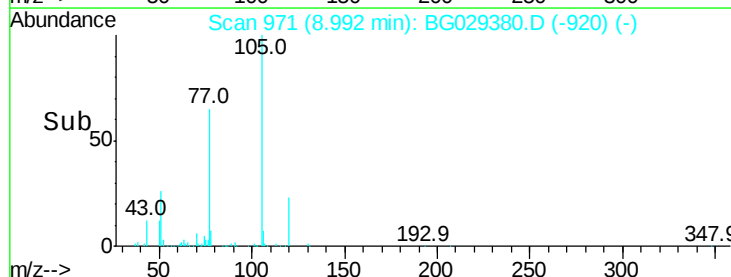
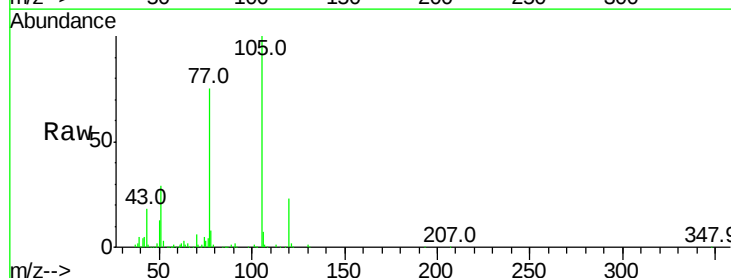
Manual Integrations  
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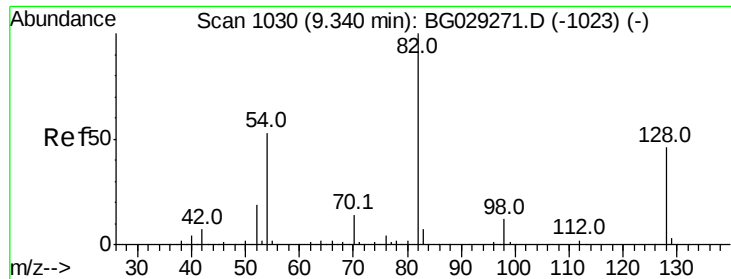
Sohil  
10/23/2017 3:40:48 PM



#22  
Acetophenone  
Concen: 45.782 ng  
RT: 8.99 min Scan# 971  
Delta R.T. -0.00 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 105     | 100   |      |       |       |
| 71      | 0.9   | 3.0  | 4.4   |       |
| 51      | 28.6  | 26.1 | 39.1  |       |
| 120     | 22.7  | 17.4 | 26.2  |       |





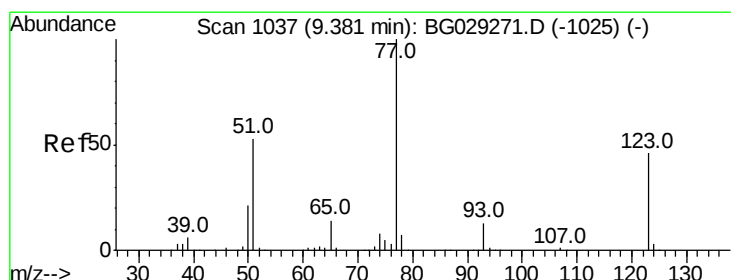
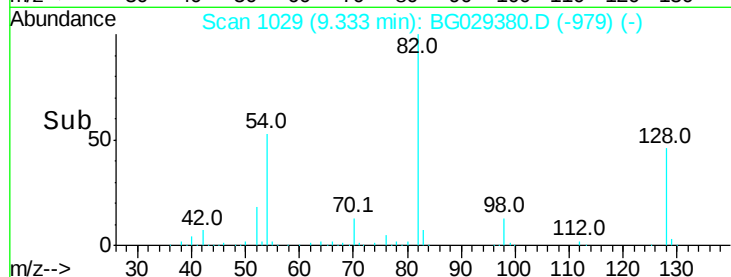
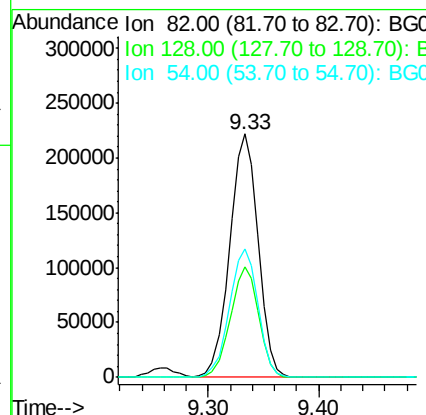
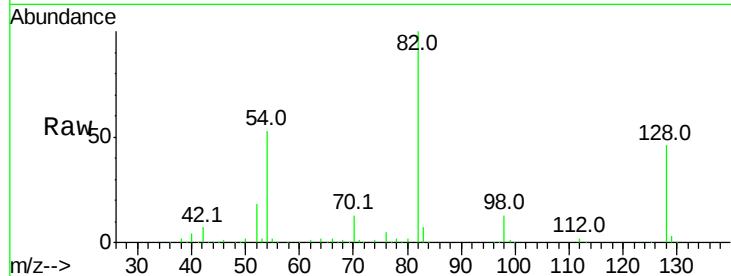
#23  
Nitrobenzene-d5  
Concen: 101.143 ng  
RT: 9.33 min Scan# 1029  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 128     | 45.6  | 29.7 | 44.5# |       |
| 54      | 52.8  | 43.1 | 64.7  |       |

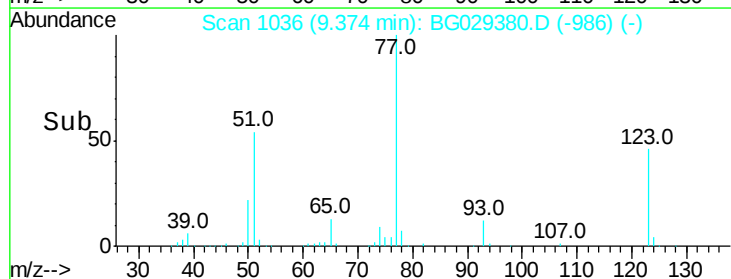
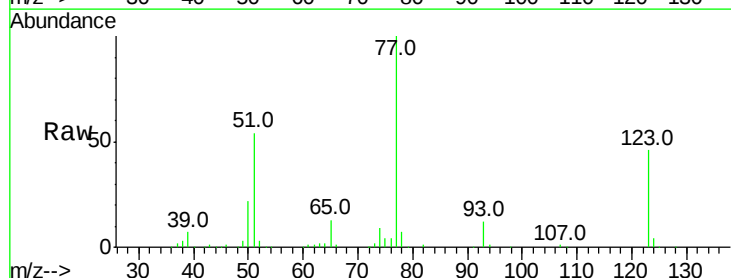
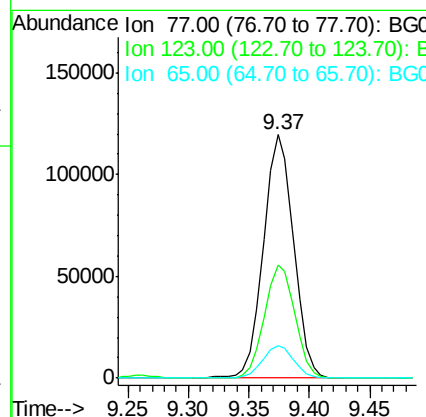
Manual Integrations  
APPROVED

Sohil  
10/23/2017 3:40:48 PM



#24  
Nitrobenzene  
Concen: 46.784 ng  
RT: 9.37 min Scan# 1036  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 77      | 100   |      |       |       |
| 123     | 46.5  | 33.0 | 49.6  |       |
| 65      | 13.2  | 13.0 | 19.6  |       |





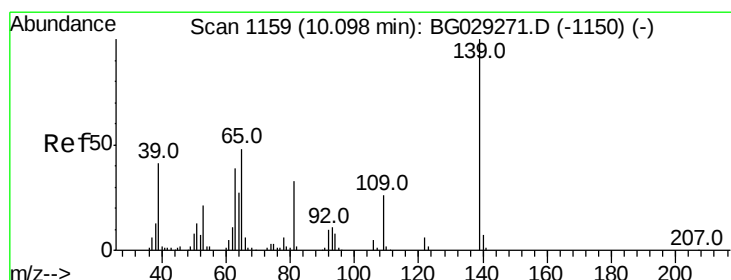
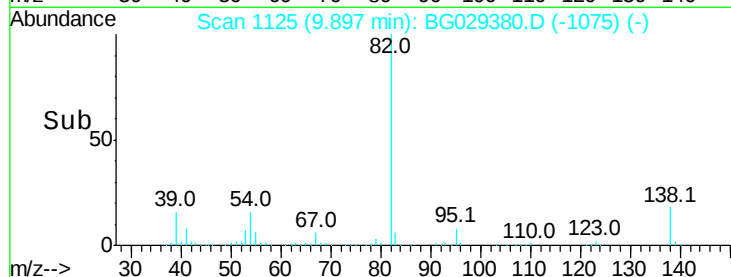
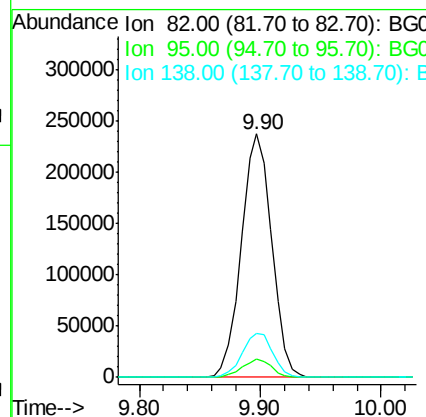
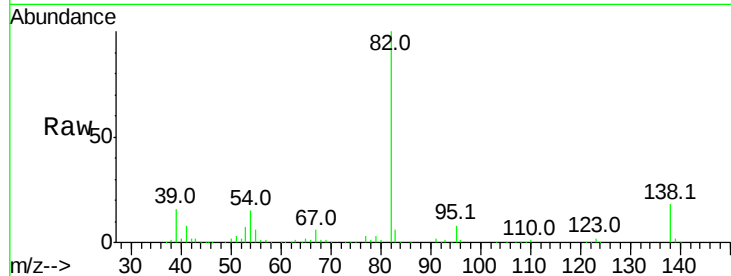
#25  
Isophorone  
Concen: 50.583 ng  
RT: 9.90 min Scan# 1125  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 7.6   | 6.2  | 9.2   |       |
| 138     | 18.3  | 12.1 | 18.1  |       |

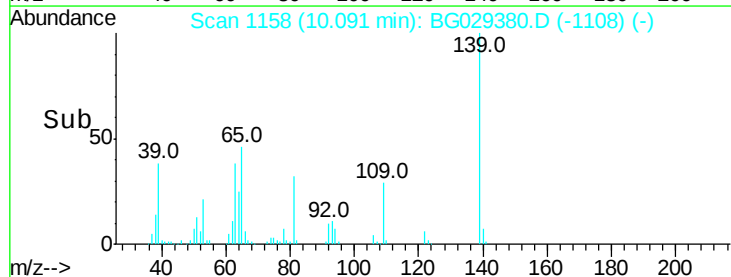
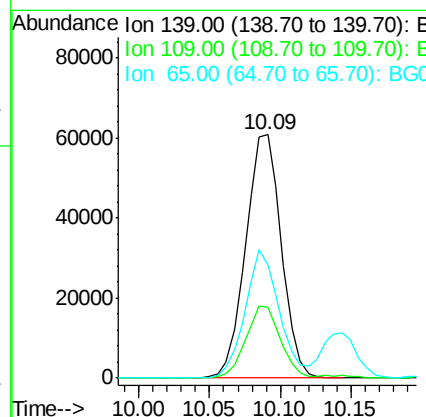
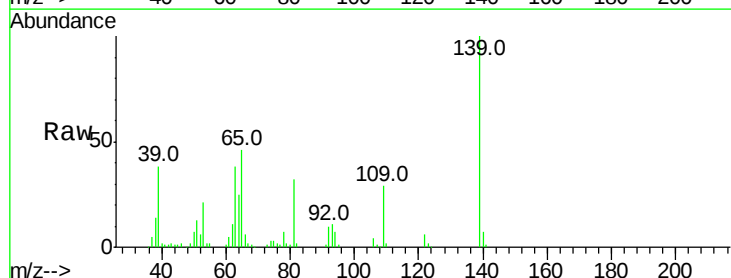
Manual Integrations  
APPROVED

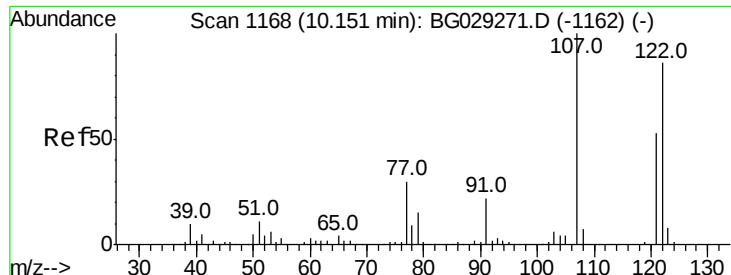
Sohil  
10/23/2017 3:40:48 PM



#26  
2-Nitrophenol  
Concen: 50.921 ng  
RT: 10.09 min Scan# 1158  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 29.2  | 24.2 | 36.2  |       |
| 65      | 46.4  | 47.4 | 71.0  |       |





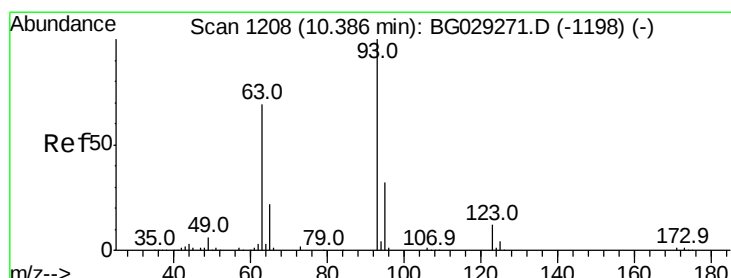
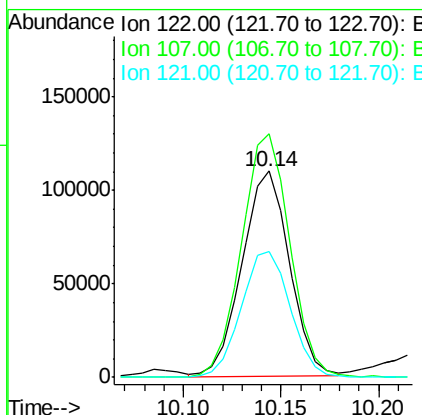
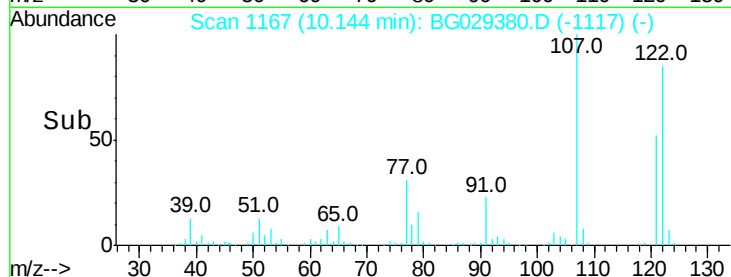
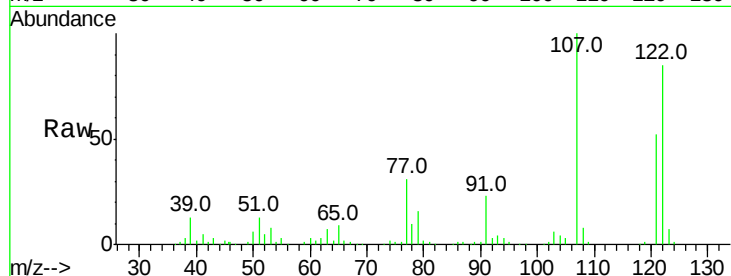
#27  
 2,4-Dimethylphenol  
 Concen: 48.535 ng  
 RT: 10.14 min Scan# 1167  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-101817-BMSD

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 122     | 100   |       | 185880 |       |       |
| 107     | 118.0 | 100.2 | 150.2  |       |       |
| 121     | 60.8  | 44.4  | 66.6   |       |       |

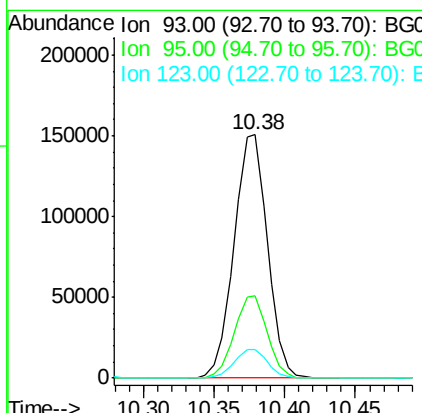
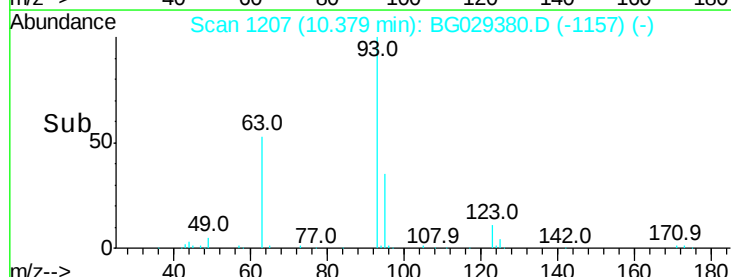
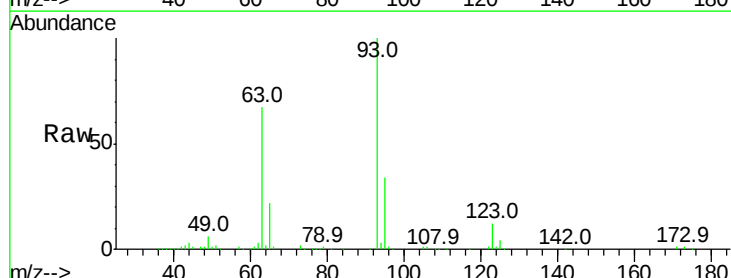
Manual Integrations  
 APPROVED

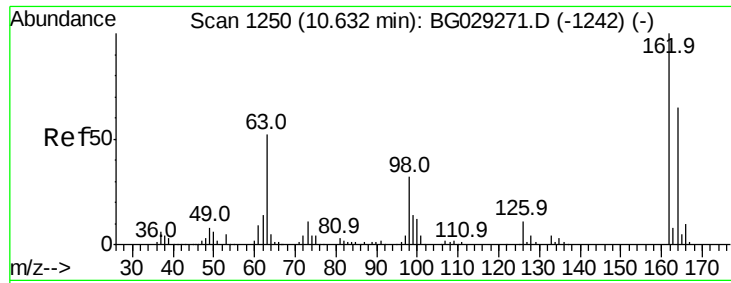
Sohil  
 10/23/2017 3:40:48 PM



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 49.465 ng  
 RT: 10.38 min Scan# 1207  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 93      | 100  |       | 249419 |       |       |
| 95      | 33.6 | 24.3  | 36.5   |       |       |
| 123     | 11.7 | 8.4   | 12.6   |       |       |





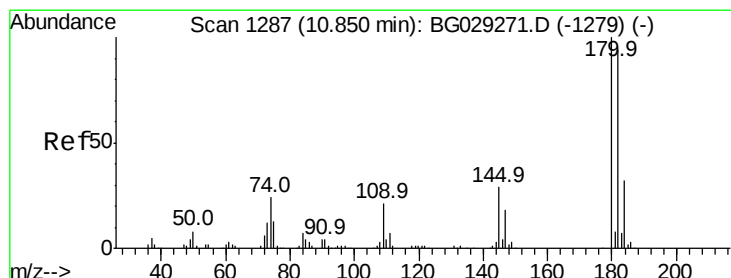
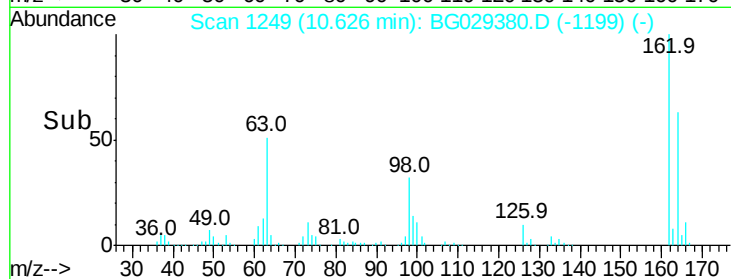
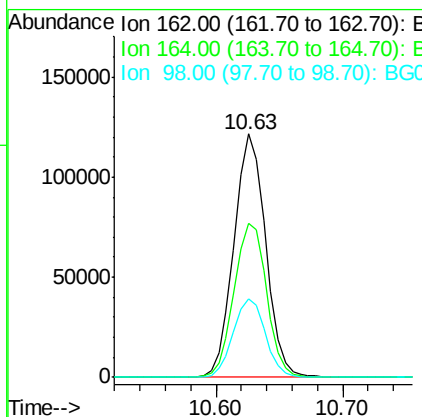
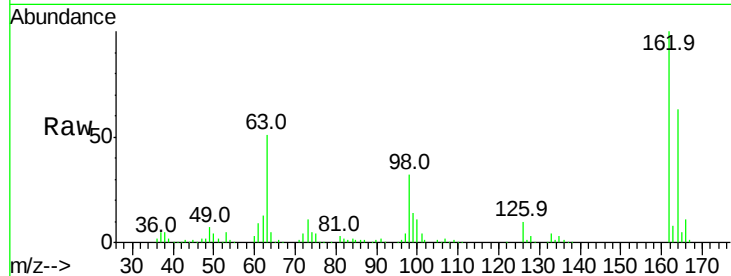
#29  
 2,4-Dichlorophenol  
 Concen: 51.514 ng  
 RT: 10.63 min Scan# 1249  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-101817-BMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 162     | 100   | 210382 |       |       |
| 164     | 63.3  | 48.0   | 88.0  |       |
| 98      | 32.5  | 21.1   | 61.1  |       |

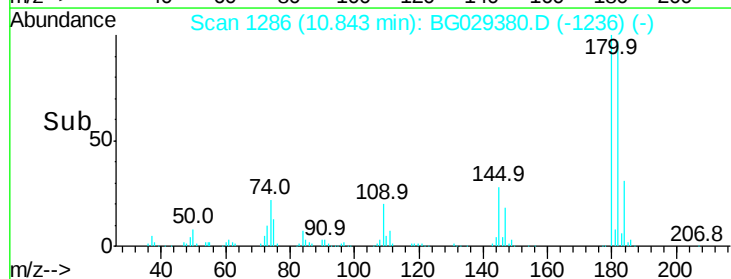
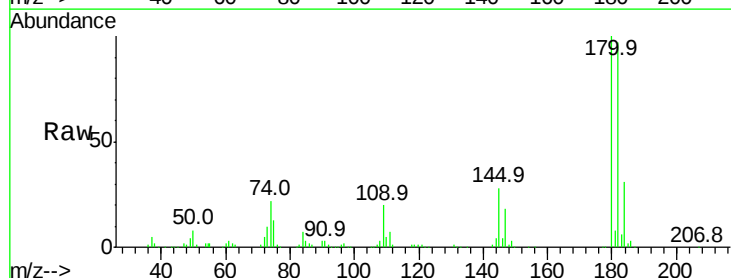
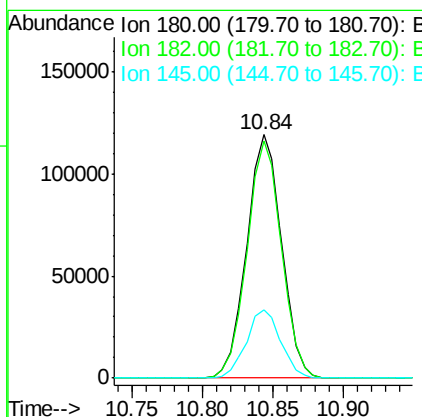
Manual Integrations  
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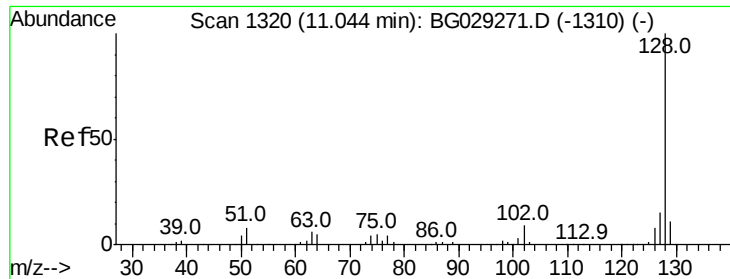
Sohil  
 10/23/2017 3:40:48 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 46.875 ng  
 RT: 10.84 min Scan# 1286  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 206818 |       |       |
| 182     | 97.4  | 77.5   | 116.3 |       |
| 145     | 28.1  | 23.4   | 35.2  |       |





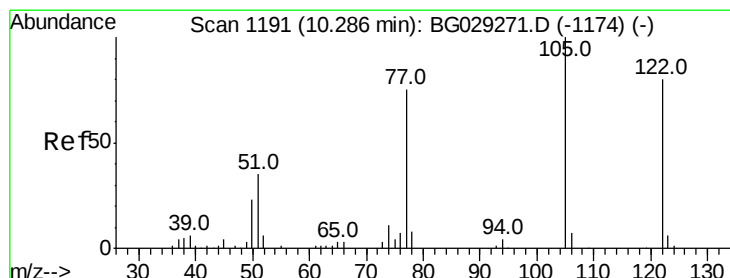
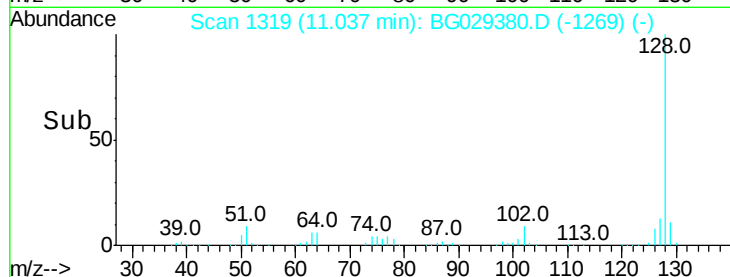
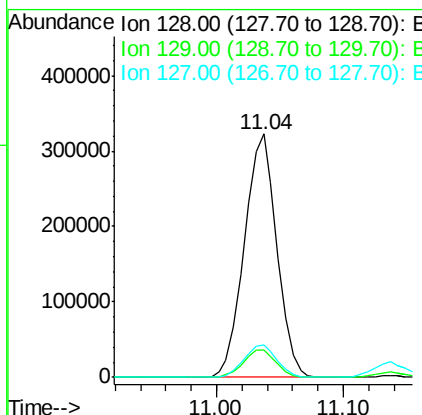
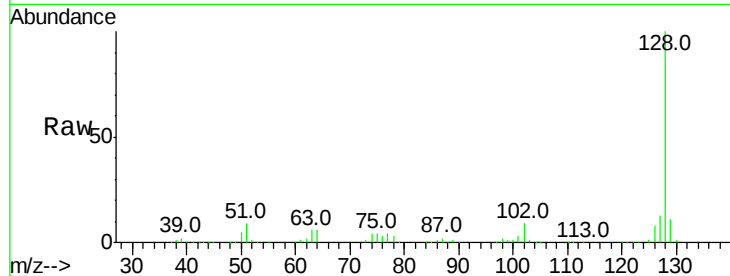
#31  
Naphthalene  
Concen: 45.886 ng  
RT: 11.04 min Scan# 1319  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 8.6   | 12.8  |
| 127     | 13.3  | 11.6  | 17.4  |

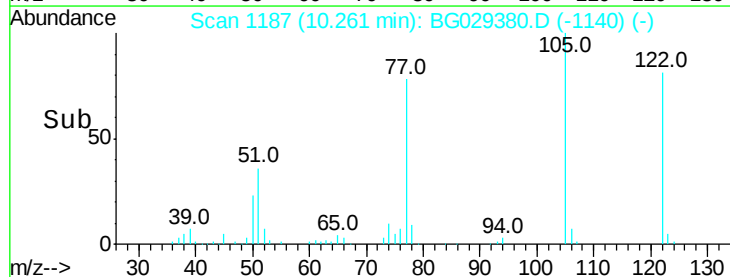
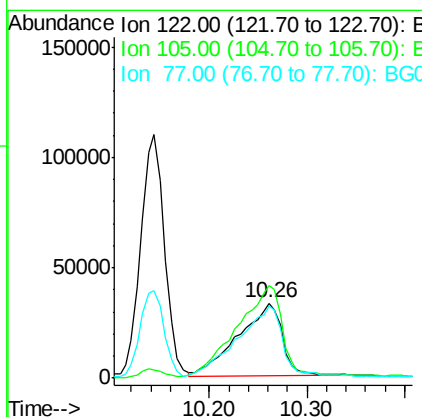
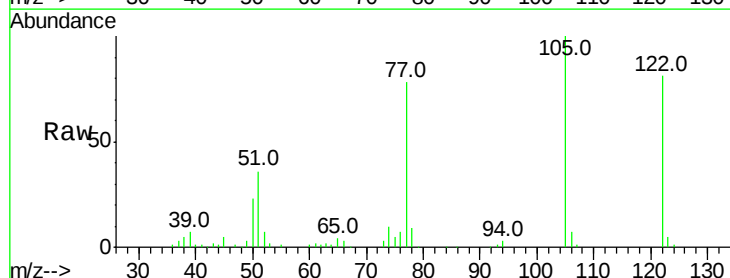
Manual Integrations  
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#32  
Benzoic acid  
Concen: 32.753 ng  
RT: 10.26 min Scan# 1187  
Delta R.T. -0.02 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 123.7 | 123.5 | 163.5 |
| 77      | 97.0  | 85.7  | 125.7 |





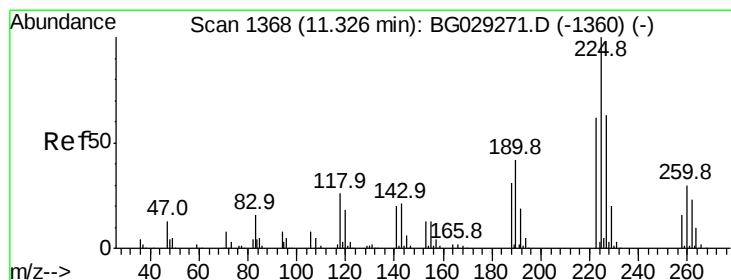
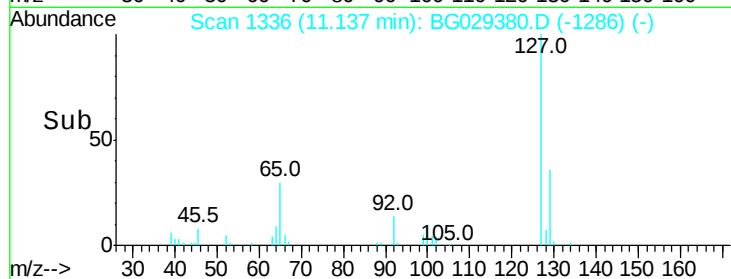
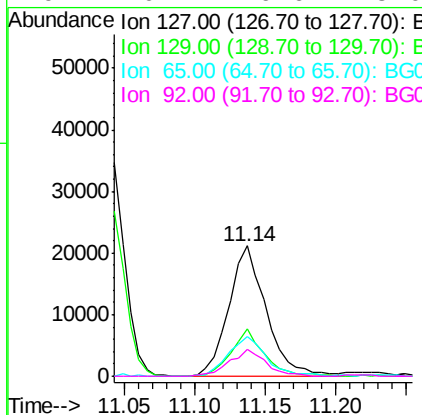
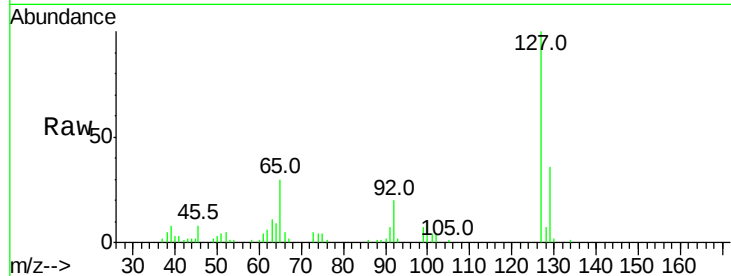
#33  
4-Chloroaniline  
Concen: 7.457 ng  
RT: 11.14 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 127   | Resp: | 39133 |
| Ion Ratio | Lower | Upper |       |
| 127       | 100   |       |       |
| 129       | 36.5  | 24.0  | 36.0# |
| 65        | 30.1  | 27.0  | 40.4  |
| 92        | 20.4  | 16.6  | 25.0  |

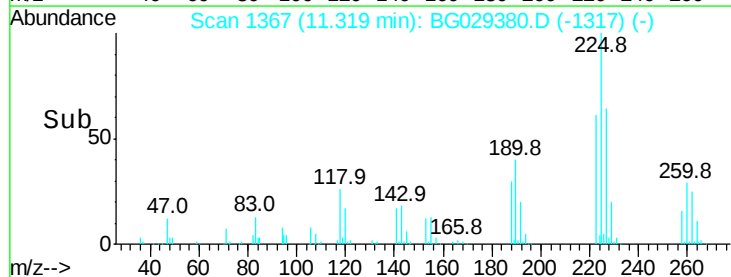
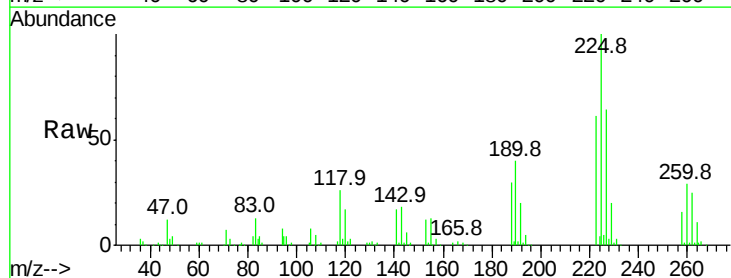
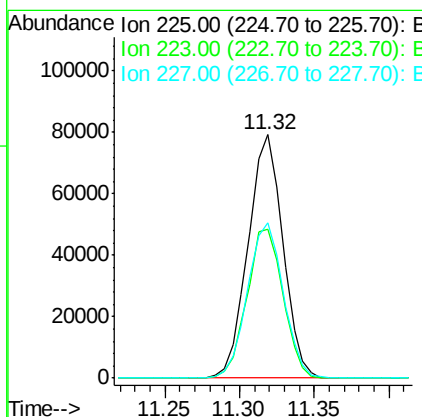
Manual Integrations  
APPROVED

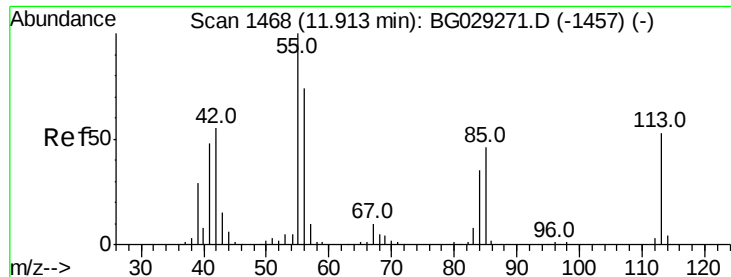
Sohil  
10/23/2017 3:40:48 PM



#34  
Hexachlorobutadiene  
Concen: 46.504 ng  
RT: 11.32 min Scan# 1367  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 225   | Resp: | 127573 |
| Ion Ratio | Lower | Upper |        |
| 225       | 100   |       |        |
| 223       | 61.2  | 49.7  | 74.5   |
| 227       | 63.9  | 48.1  | 72.1   |





#35

Caprolactam

Concen: 50.400 ng/mL

RT: 11.91 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

Instrument :

BNA\_G

ClientSampleID :

NB-01-101817-BMSD

Tot Ion:113 Resp: 68407

Ion Ratio Lower Upper

113 100

55 183.0 186.9 226.9#

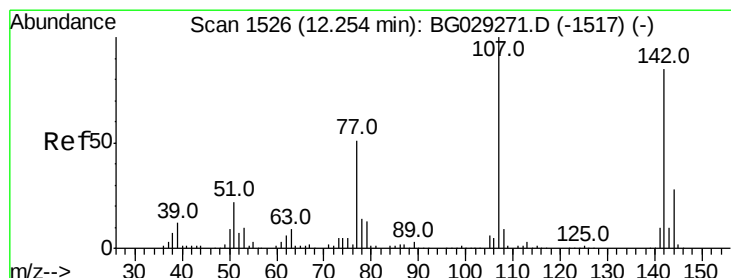
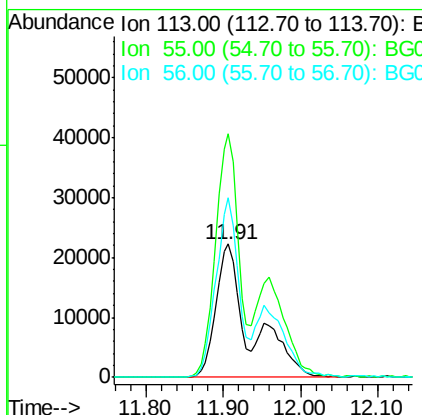
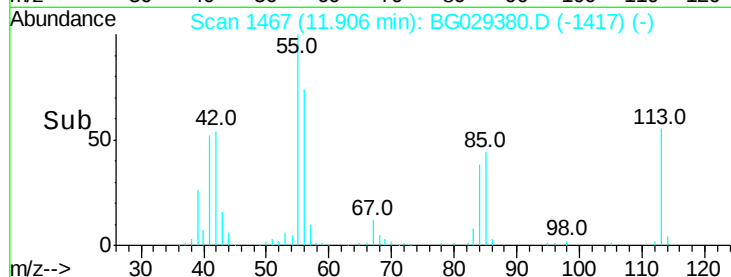
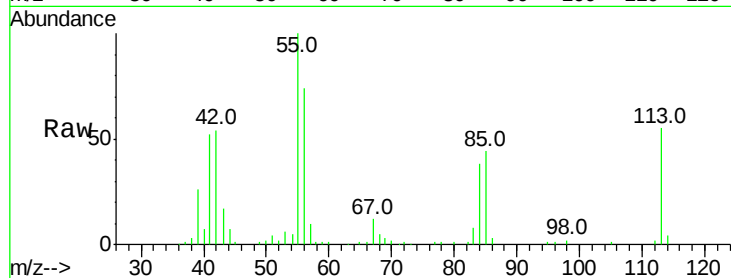
56 134.7 130.9 170.9

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 52.271 ng/mL

RT: 12.25 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

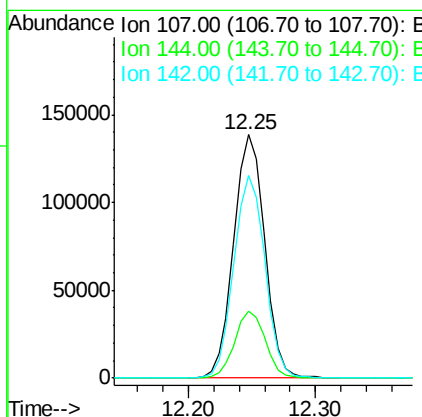
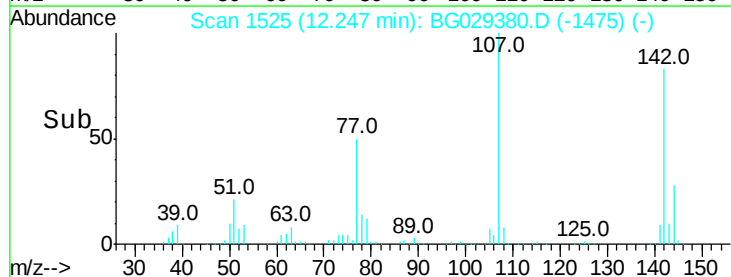
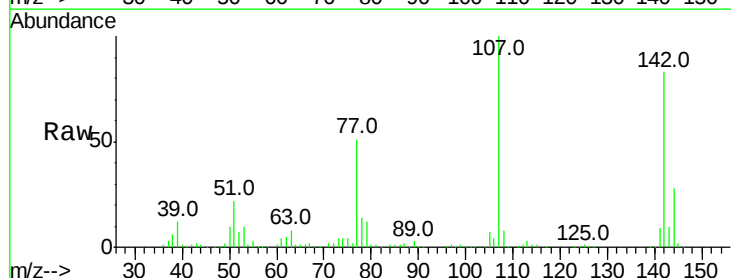
Tgt Ion:107 Resp: 234789

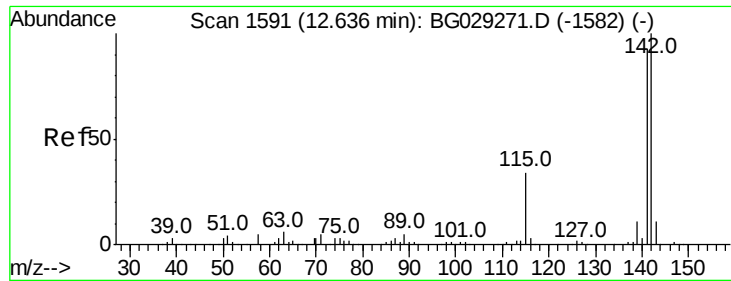
Ion Ratio Lower Upper

107 100

144 27.5 18.2 27.4#

142 83.2 59.0 88.4





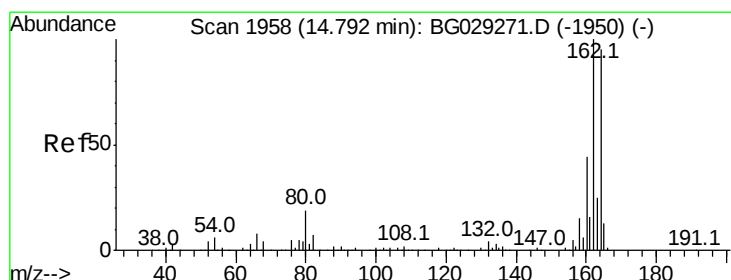
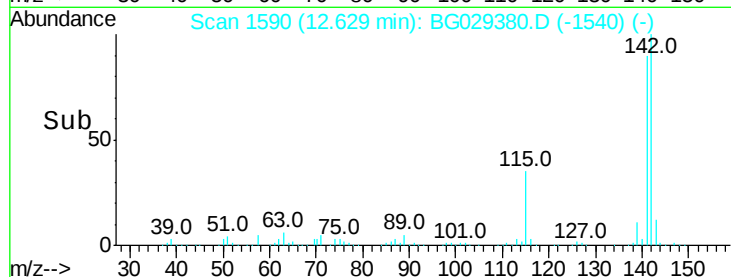
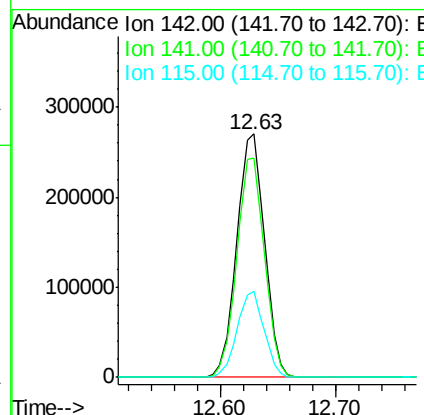
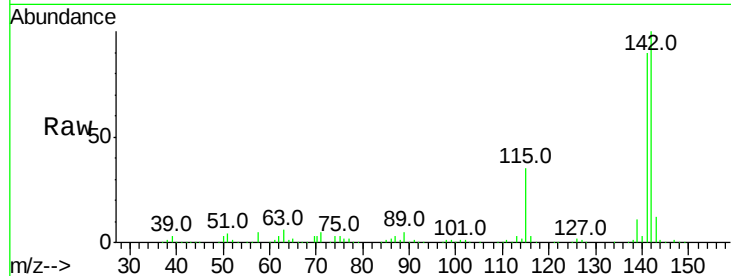
#37  
2-Methylnaphthalene  
Concen: 49.555 ng  
RT: 12.63 min Scan# 1590  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.1  | 67.1  | 100.7 |
| 115     | 35.2  | 30.7  | 46.1  |

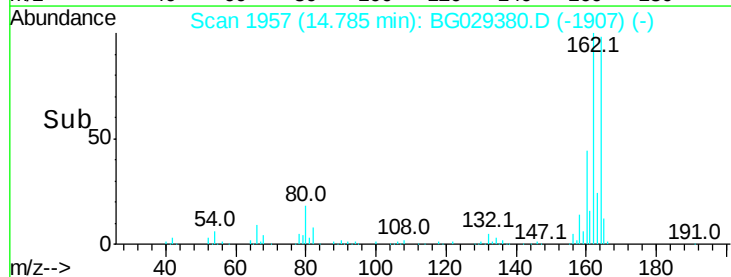
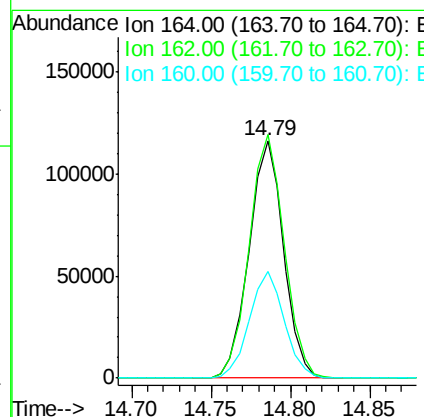
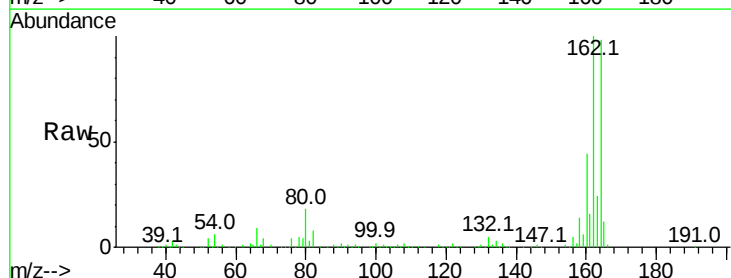
Manual Integrations  
APPROVED

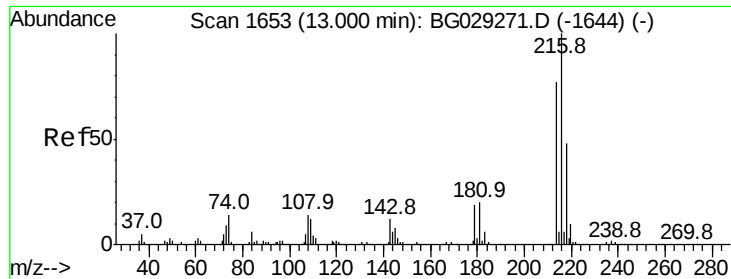
Sohil  
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#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.79 min Scan# 1957  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.5 | 78.8  | 118.2 |
| 160     | 45.0  | 35.4  | 53.0  |





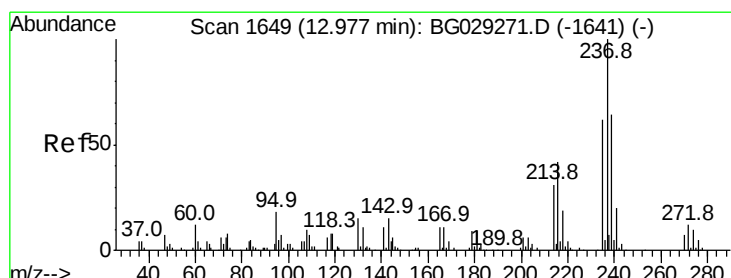
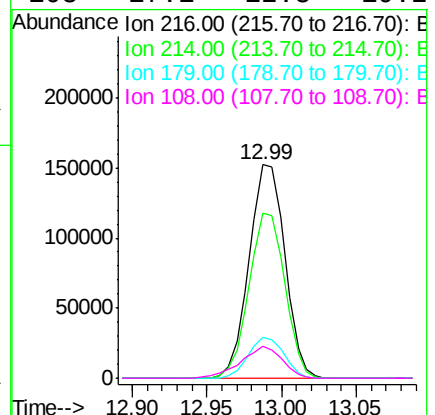
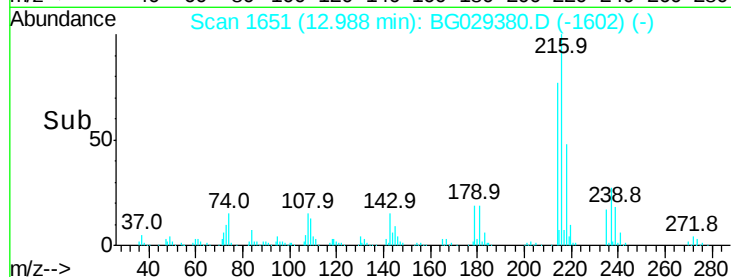
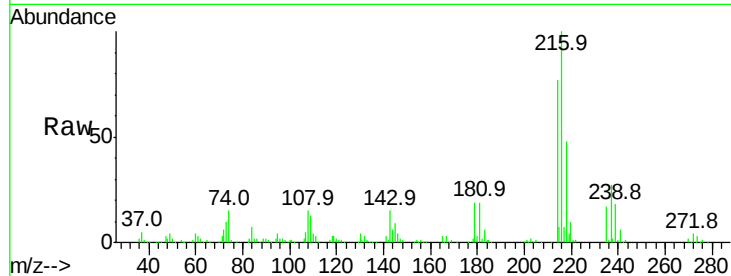
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 39.442 ng  
 RT: 12.99 min Scan# 1651  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-101817-BMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 252543 |       |       |
| 214     | 77.4  | 63.0   | 94.4  |       |
| 179     | 19.1  | 17.0   | 25.6  |       |
| 108     | 17.1  | 12.8   | 19.2  |       |

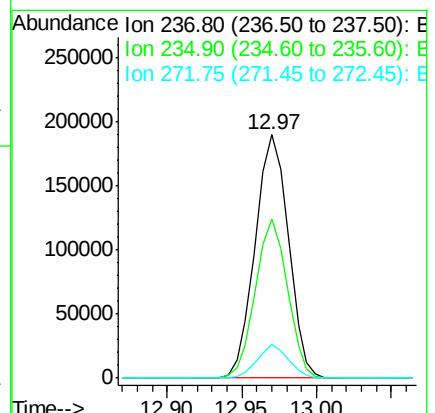
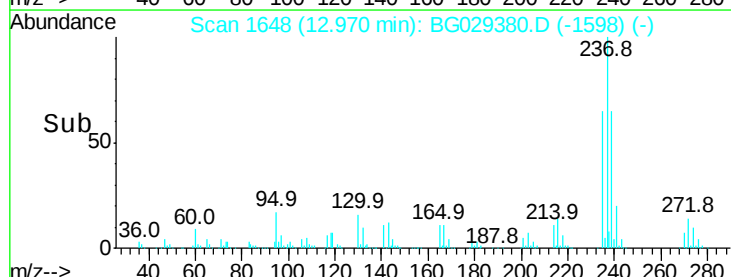
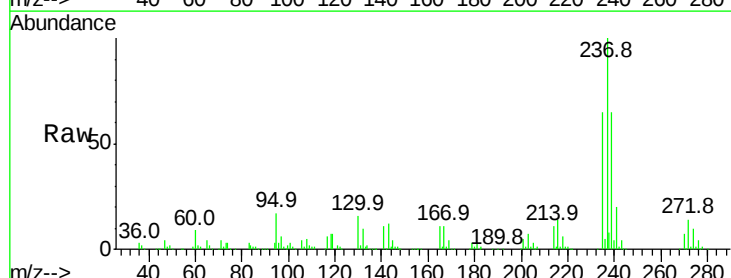
Manual Integrations  
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#40  
 Hexachlorocyclopentadiene  
 Concen: 118.223 ng  
 RT: 12.97 min Scan# 1648  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 292494 |       |       |
| 235     | 65.2  | 50.4   | 90.4  |       |
| 272     | 13.6  | 0.0    | 31.8  |       |





#41

2,4,6-Tribromophenol

Concen: 178.217 ng

RT: 16.27 min Scan# 2210

Delta R.T. -0.00 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

Instrument :

BNA\_G

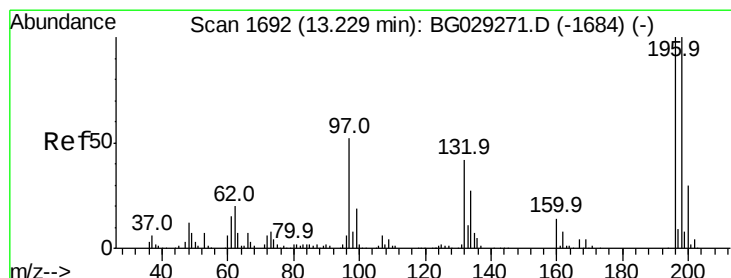
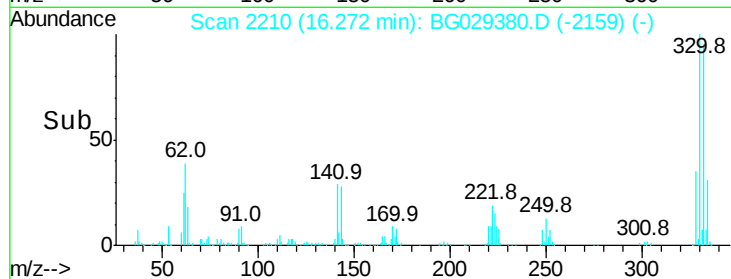
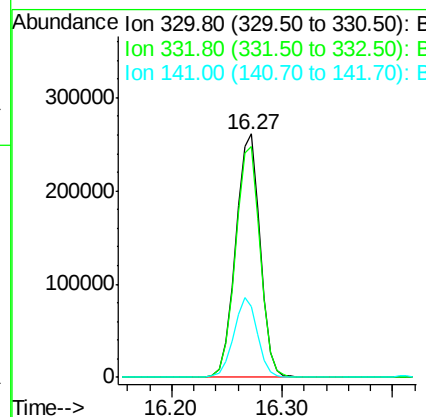
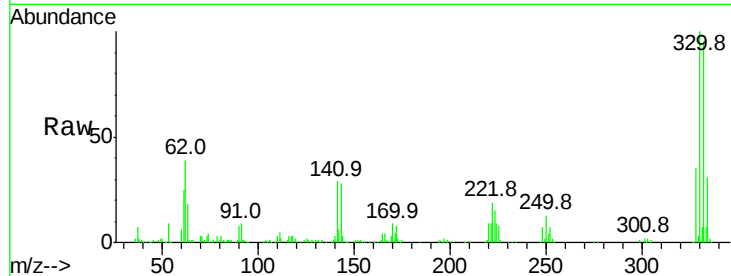
ClientSampleId :

NB-01-101817-BMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 330   | Resp: | 403532 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 96.0  | 77.0  | 115.6  |
| 141       | 31.9  | 25.2  | 37.8   |

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#42

2,4,6-Trichlorophenol

Concen: 48.442 ng

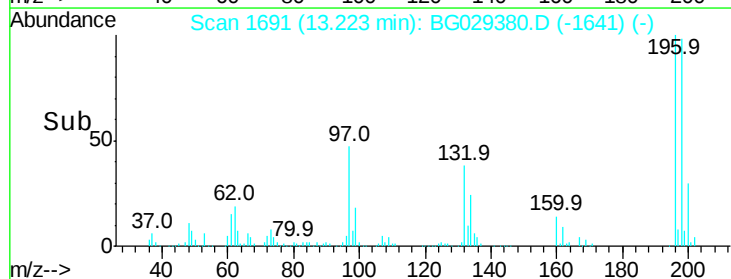
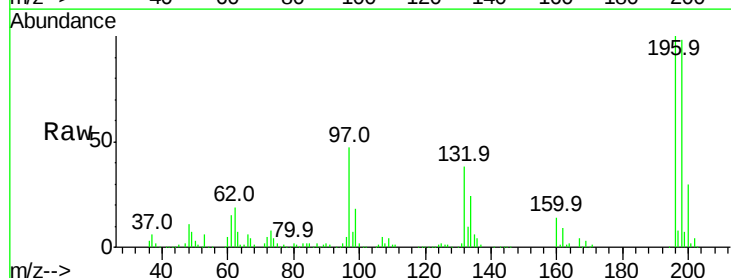
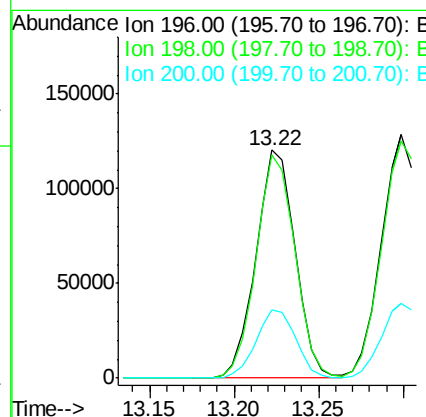
RT: 13.22 min Scan# 1691

Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 196   | Resp: | 194714 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 98.2  | 78.2  | 117.2  |
| 200       | 30.2  | 24.6  | 36.8   |





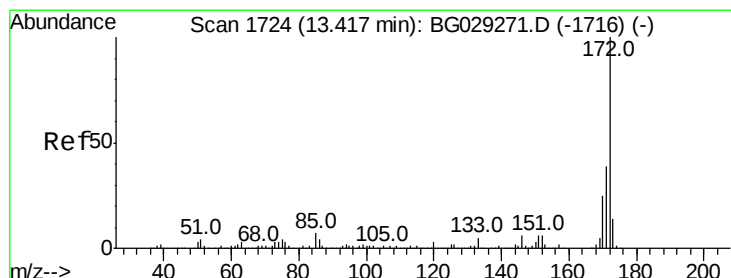
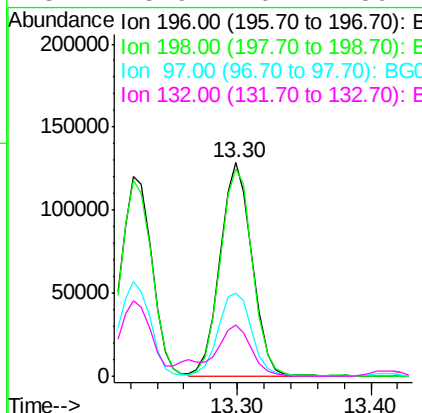
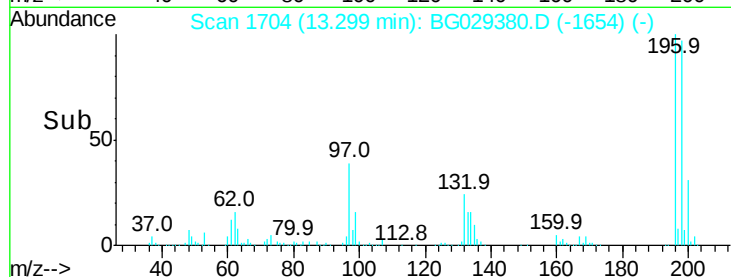
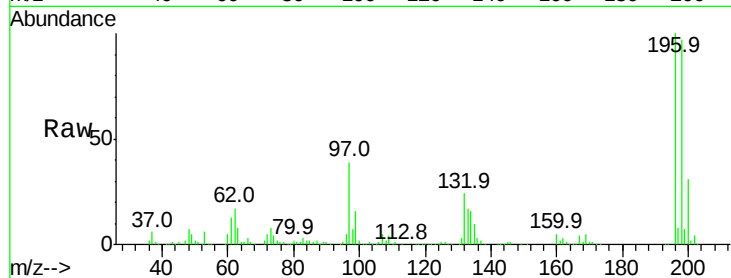
#43  
 2,4,5-Trichlorophenol  
 Concen: 52.286 ng  
 RT: 13.30 min Scan# 1704  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-101817-BMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 196   | Resp: | 215833 |
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 97.4  | 76.2  | 114.4  |
| 97        | 39.1  | 38.7  | 58.1   |
| 132       | 23.9  | 20.2  | 30.2   |

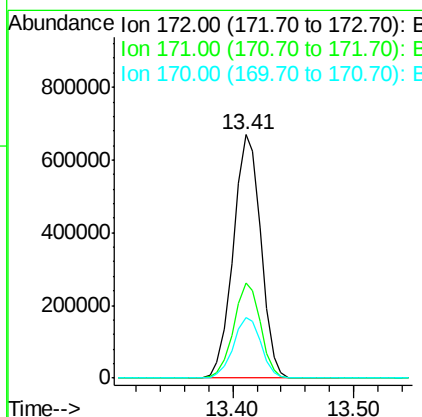
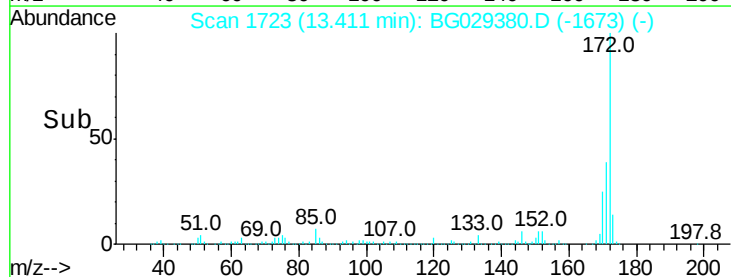
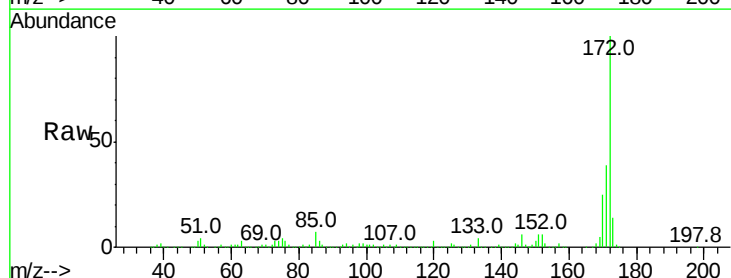
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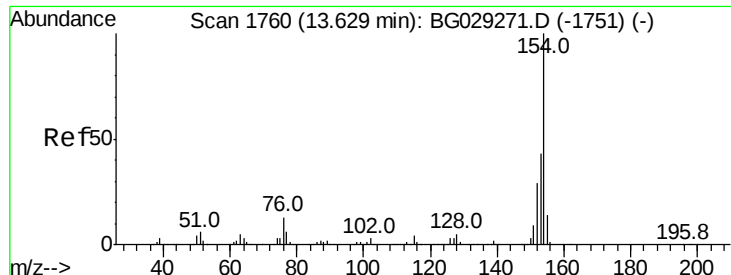
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#44  
 2-Fluorobiphenyl  
 Concen: 88.715 ng  
 RT: 13.41 min Scan# 1723  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 1060810 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 39.1  | 30.0  | 45.0    |
| 170       | 24.7  | 19.5  | 29.3    |





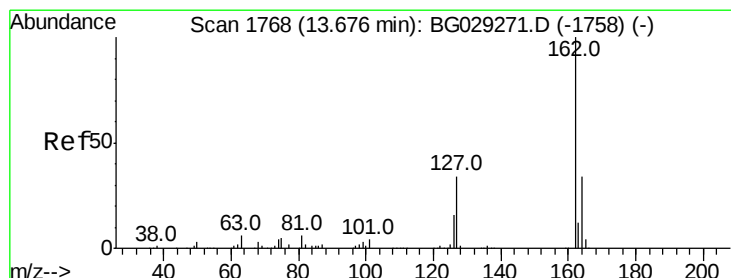
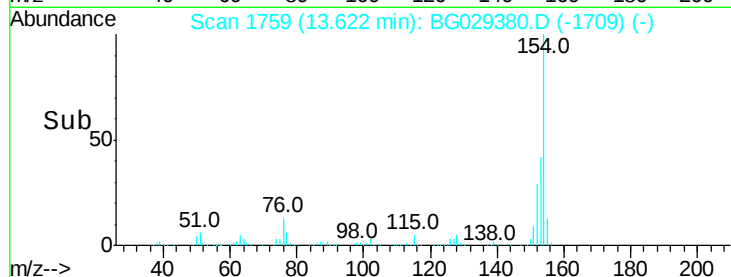
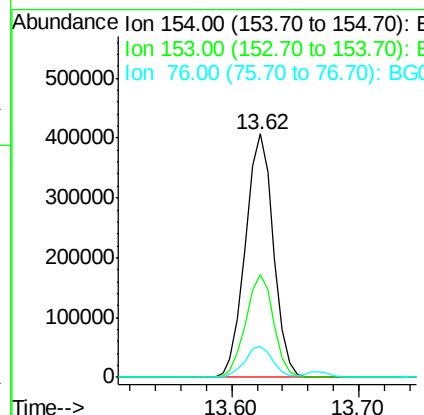
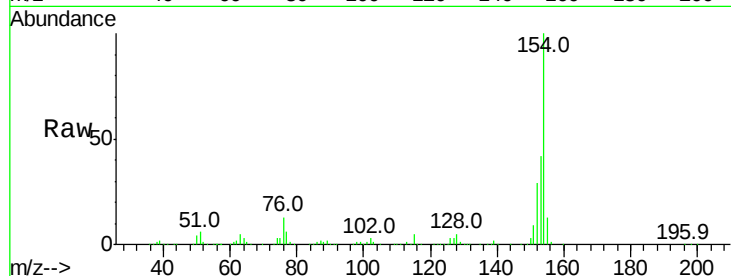
#45  
 1,1'-Biphenyl  
 Concen: 41.139 ng  
 RT: 13.62 min Scan# 1759  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-101817-BMSD

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 154     | 100   |            |       |
| 153     | 42.4  | 19.8       | 59.8  |
| 76      | 13.0  | 0.0        | 31.9  |

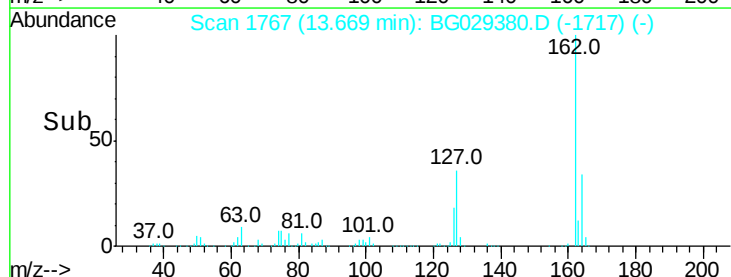
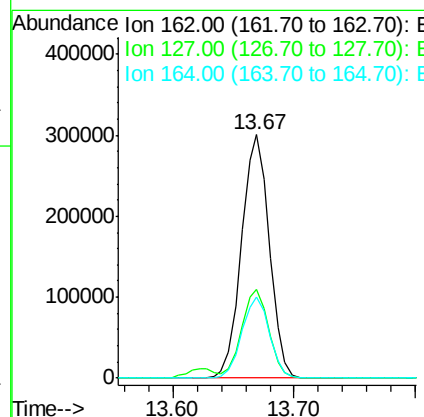
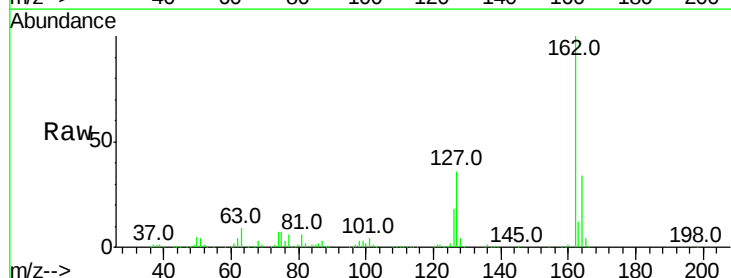
Manual Integrations  
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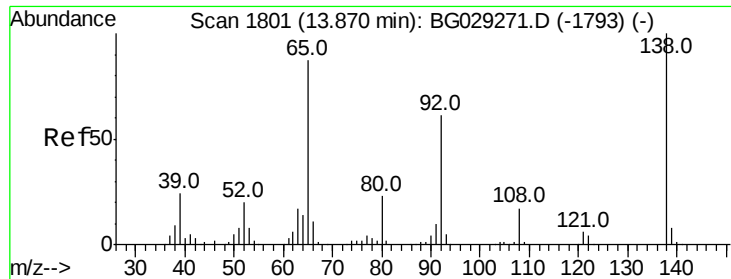
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#46  
 2-Chloronaphthalene  
 Concen: 43.759 ng  
 RT: 13.67 min Scan# 1767  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 162     | 100   |            |       |
| 127     | 36.4  | 30.7       | 46.1  |
| 164     | 33.6  | 26.0       | 39.0  |





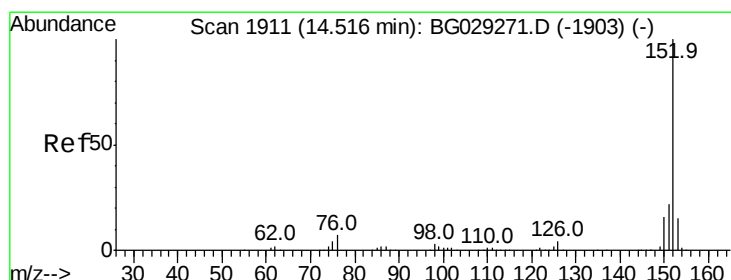
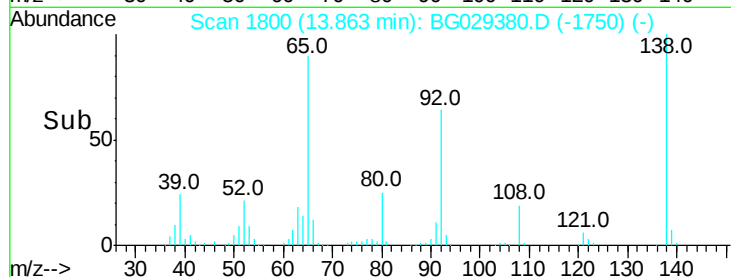
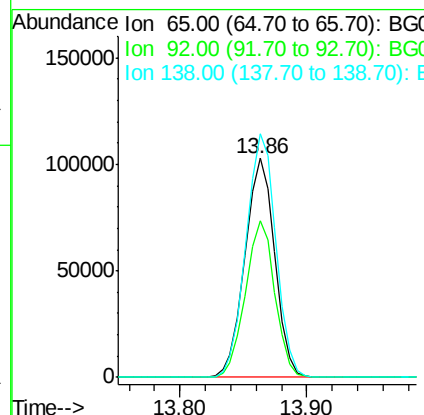
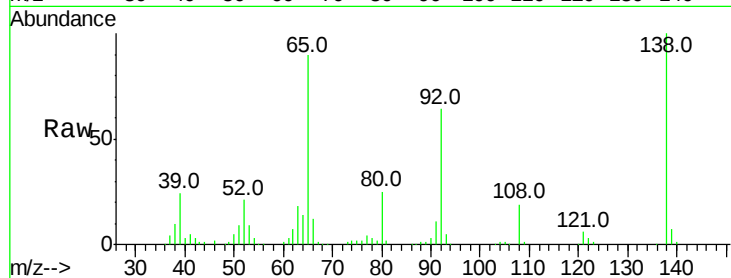
#47  
2-Nitroaniline  
Concen: 55.880 ng  
RT: 13.86 min Scan# 1800  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 71.2  | 54.6  | 82.0  |
| 138     | 111.1 | 72.9  | 109.3 |

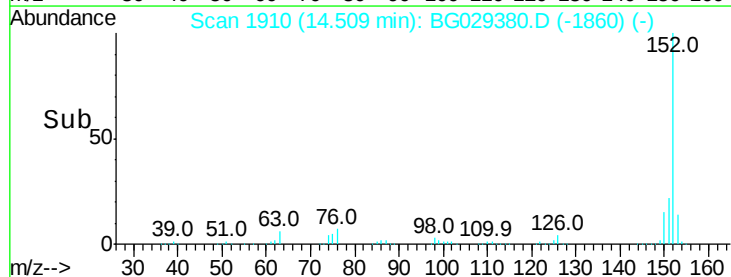
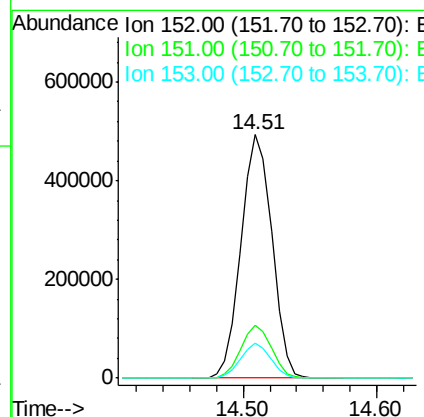
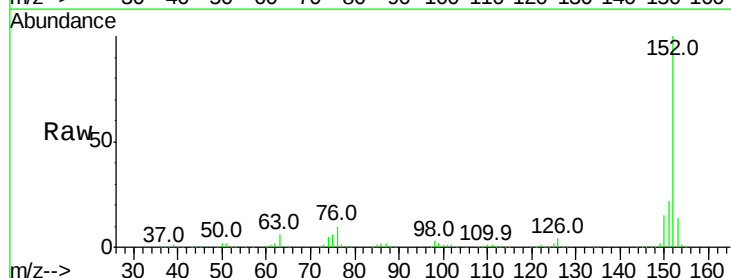
Manual Integrations  
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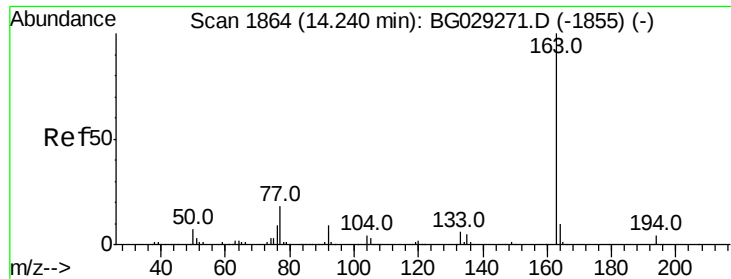
Sohil  
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#48  
Acenaphthylene  
Concen: 45.951 ng  
RT: 14.51 min Scan# 1910  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 21.9  | 17.2  | 25.8  |
| 153     | 14.2  | 10.2  | 15.4  |





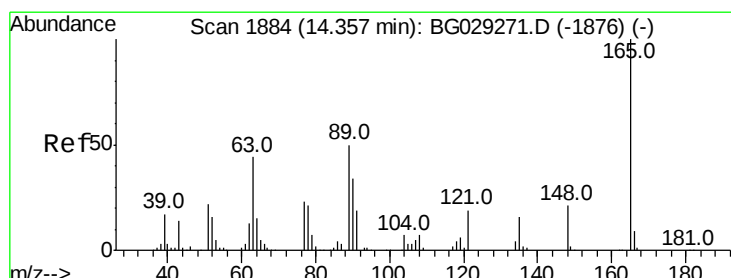
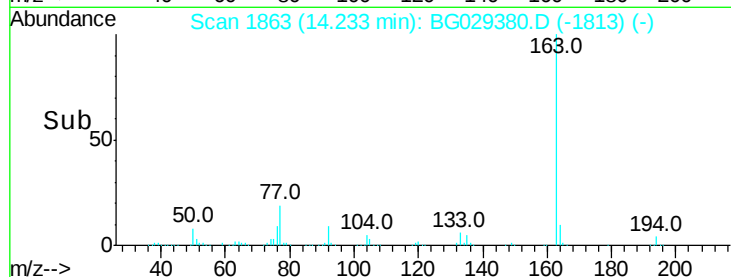
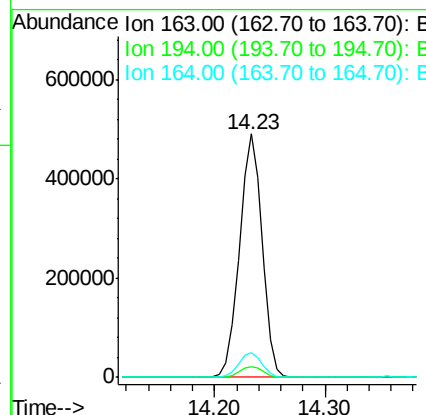
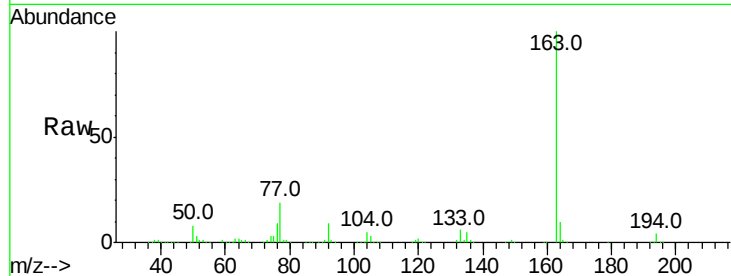
#49  
Dimethylphthalate  
Concen: 51.508 ng  
RT: 14.23 min Scan# 1863  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 704802 |       |       |
| 194     | 4.4   |        | 3.4   | 5.2   |
| 164     | 10.4  |        | 8.2   | 12.4  |

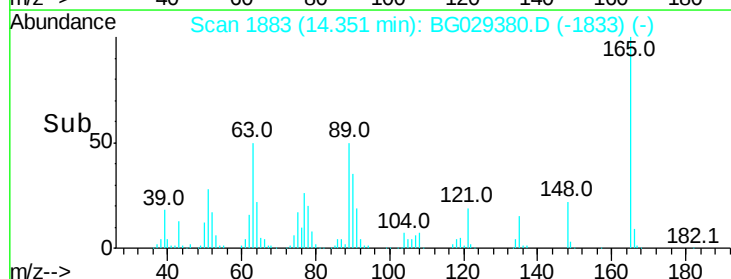
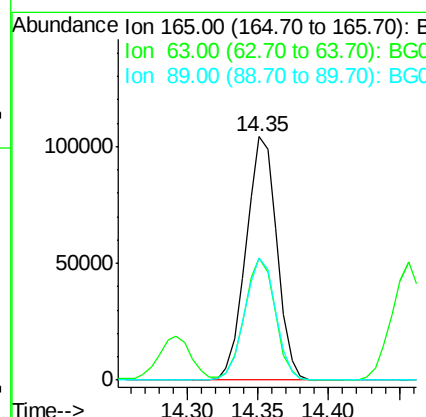
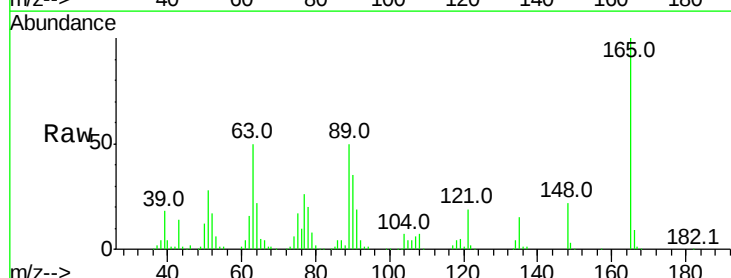
Manual Integrations  
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#50  
2,6-Dinitrotoluene  
Concen: 55.689 ng  
RT: 14.35 min Scan# 1883  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 165     | 100   | 159739 |       |       |
| 63      | 49.9  |        | 52.7  | 79.1# |
| 89      | 50.2  |        | 49.2  | 73.8  |





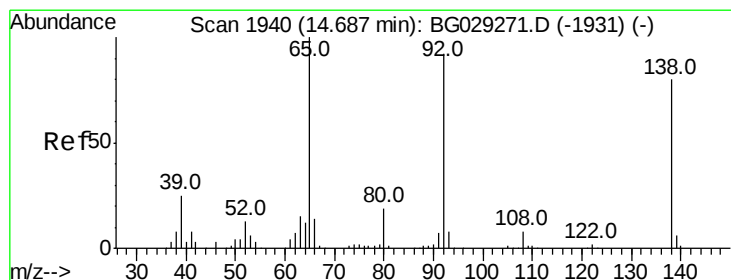
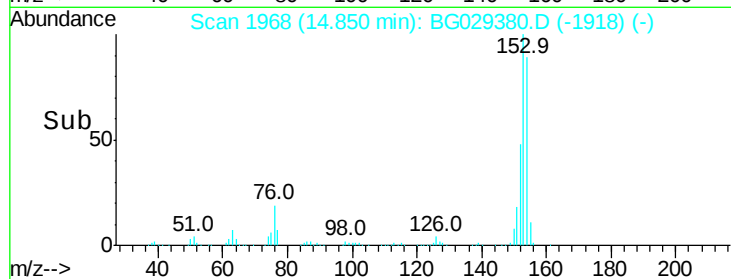
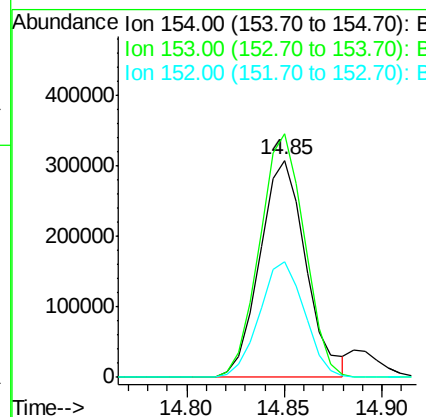
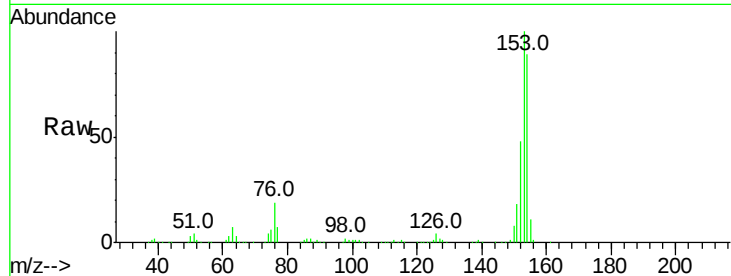
#51  
Acenaphthene  
Concen: 44.994 ng  
RT: 14.85 min Scan# 1968  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 112.1 | 90.4  | 135.6 |
| 152     | 53.4  | 41.6  | 62.4  |

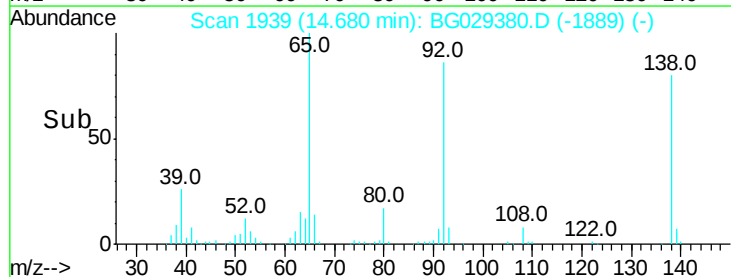
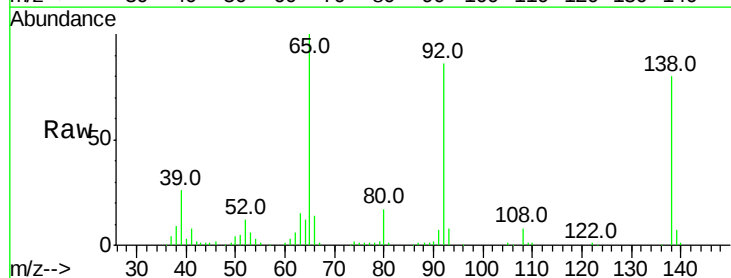
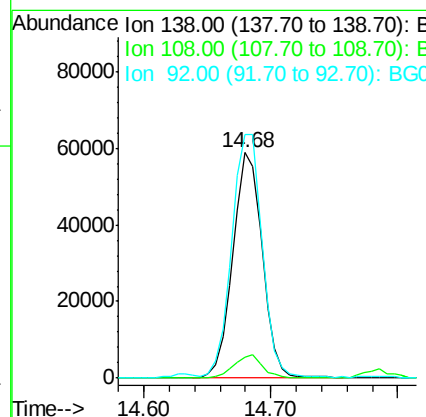
Manual Integrations  
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#52  
3-Nitroaniline  
Concen: 30.571 ng  
RT: 14.68 min Scan# 1939  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 9.5   | 17.5  | 26.3# |
| 92      | 107.9 | 105.8 | 158.8 |





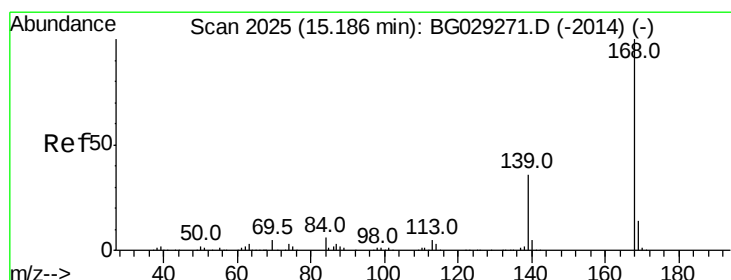
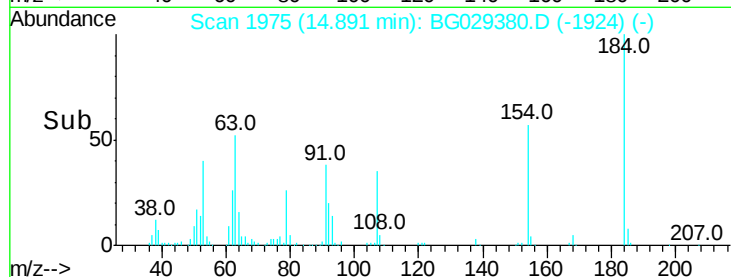
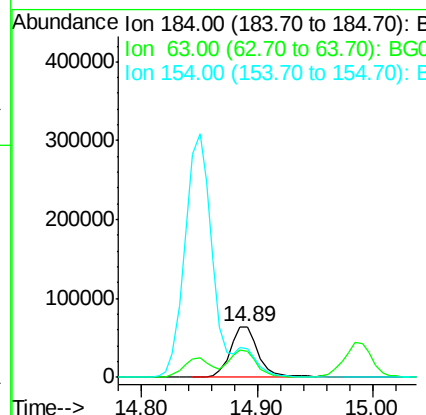
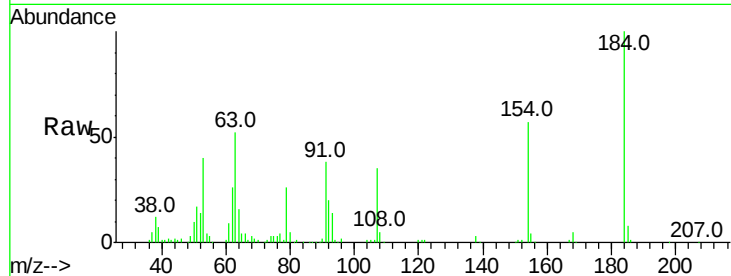
#53  
 2,4-Dinitrophenol  
 Concen: 69.257 ng  
 RT: 14.89 min Scan# 1975  
 Delta R.T. -0.00 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 184     | 100   |       |        |
| 63      | 51.9  | 59.8  | 89.8#  |
| 154     | 57.0  | 101.8 | 152.8# |

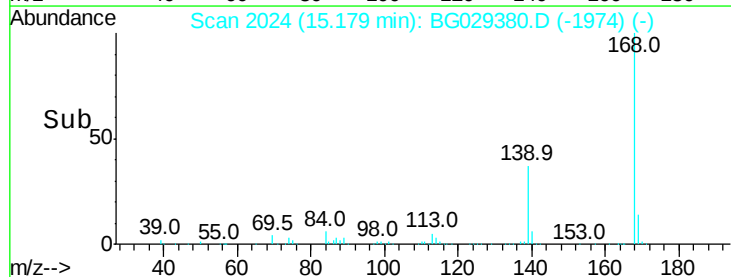
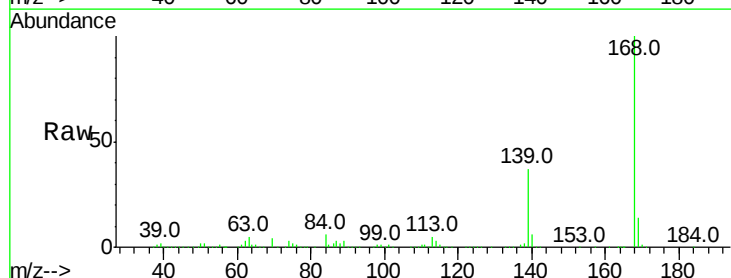
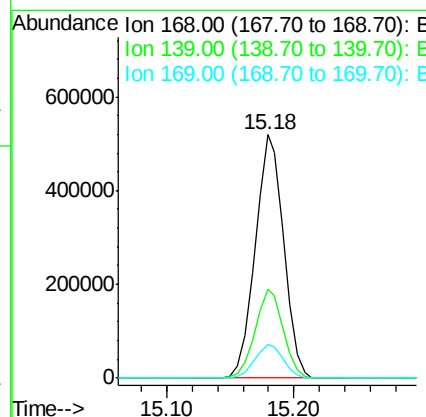
Manual Integrations  
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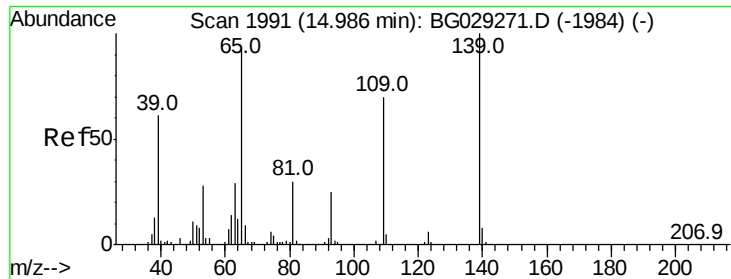
Sohil  
 10/23/2017 3:40:48 PM



#54  
 Dibenzofuran  
 Concen: 50.568 ng  
 RT: 15.18 min Scan# 2024  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.6  | 28.6  | 43.0  |
| 169     | 14.0  | 11.2  | 16.8  |





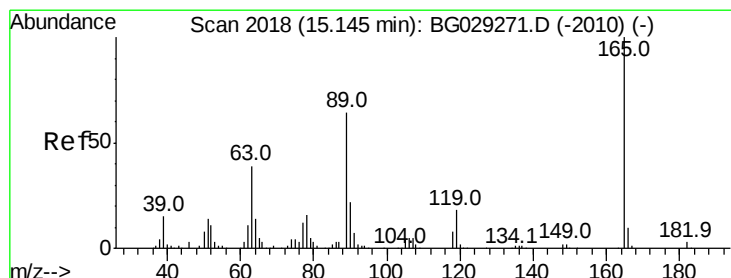
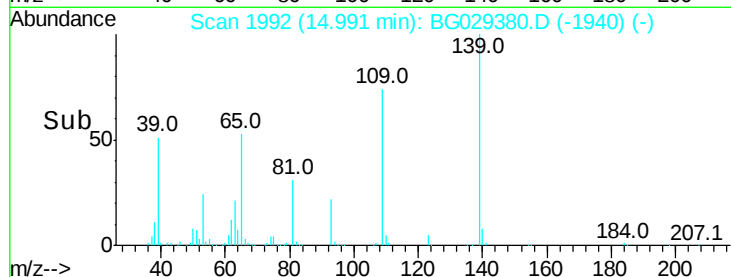
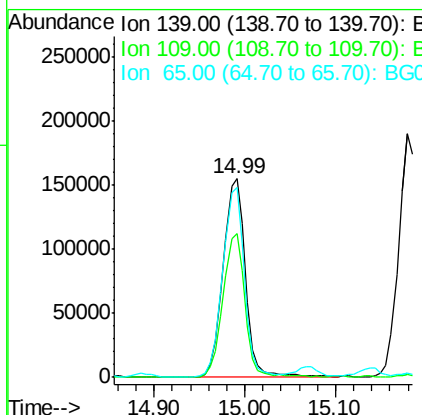
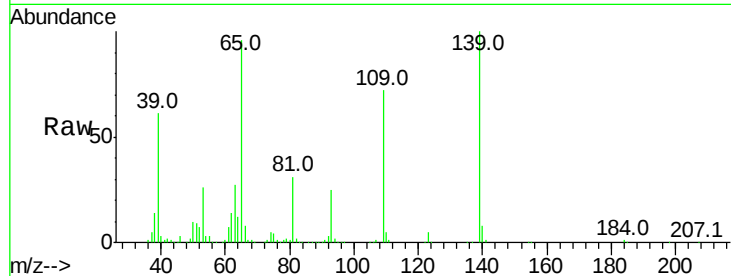
#55  
4-Nitrophenol  
Concen: 104.396 ng  
RT: 14.99 min Scan# 1992  
Delta R.T. 0.00 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 72.2  | 62.2  | 102.2  |
| 65      | 95.8  | 97.2  | 137.2# |

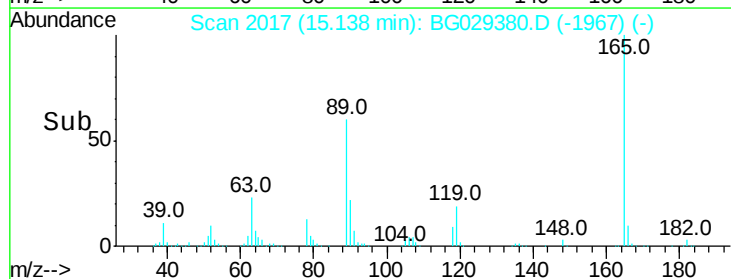
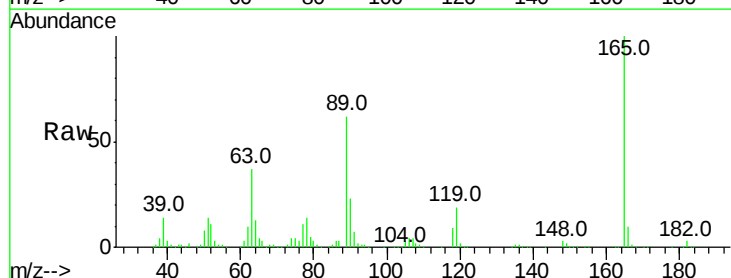
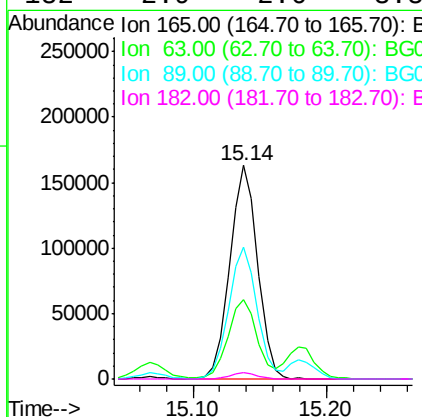
Manual Integrations  
APPROVED

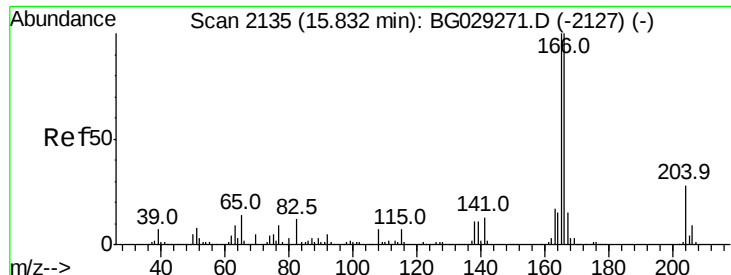
Sohil  
10/23/2017 3:40:48 PM



#56  
2,4-Dinitrotoluene  
Concen: 60.841 ng  
RT: 15.14 min Scan# 2017  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 165     | 100   |       |        |
| 63      | 37.2  | 42.0  | 63.0#  |
| 89      | 61.8  | 66.9  | 100.3# |
| 182     | 2.9   | 2.6   | 3.8    |





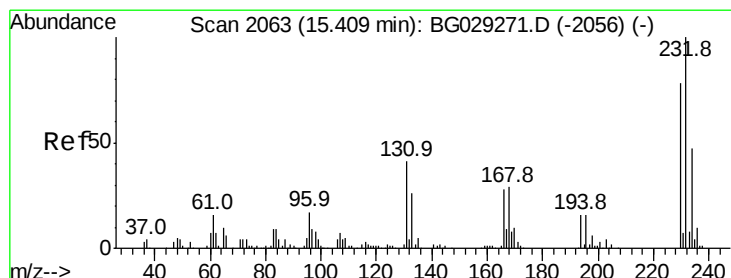
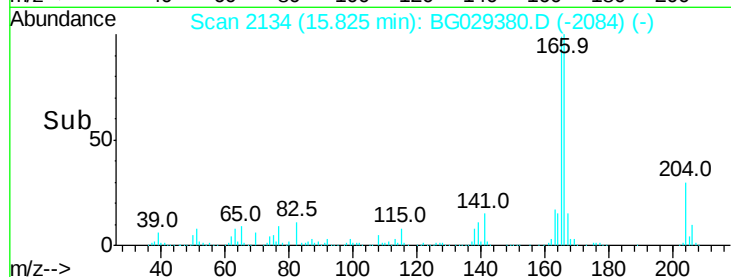
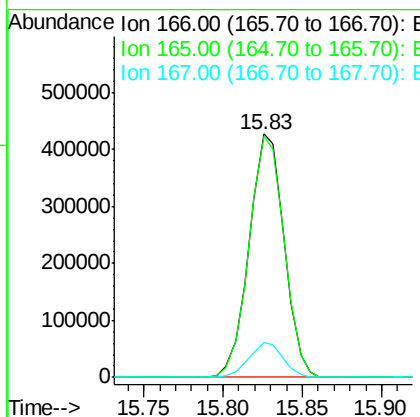
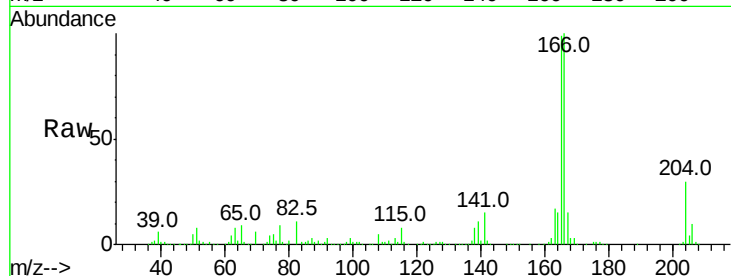
#57  
**Fluorene**  
 Concen: 49.644 ng  
 RT: 15.83 min Scan# 2134  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-101817-BMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 655490 |       |       |
| 165     | 99.2  | 80.6   | 121.0 |       |
| 167     | 14.5  | 10.4   | 15.6  |       |

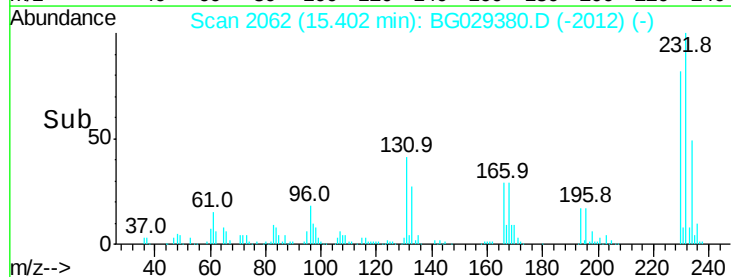
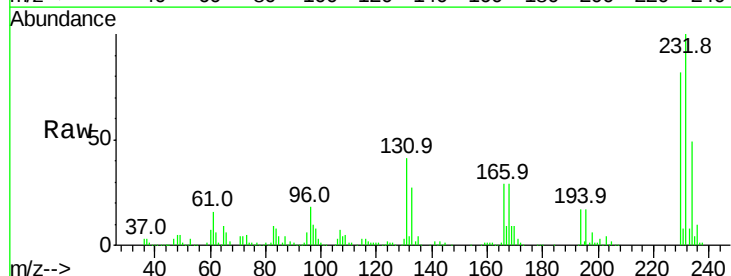
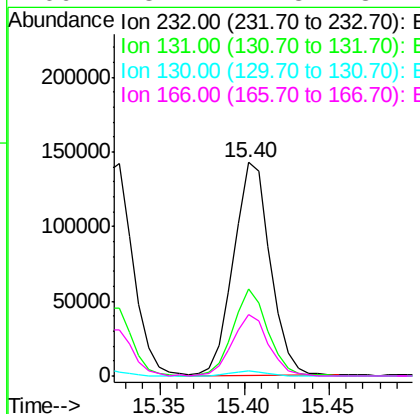
Manual Integrations  
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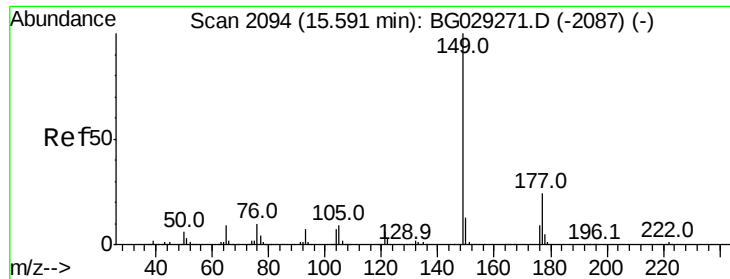
Sohil  
 10/23/2017 3:40:48 PM



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 62.625 ng  
 RT: 15.40 min Scan# 2062  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 215676 |       |       |
| 131     | 39.5  | 33.5   | 50.3  |       |
| 130     | 2.4   | 2.2    | 3.2   |       |
| 166     | 28.7  | 24.8   | 37.2  |       |





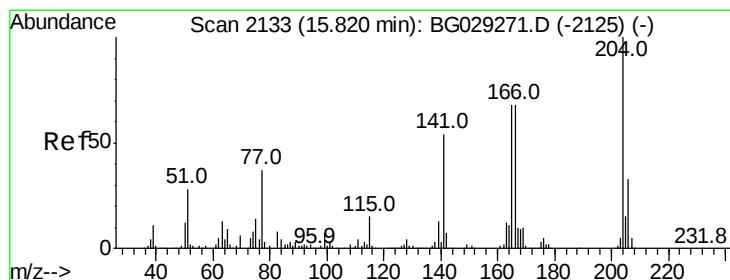
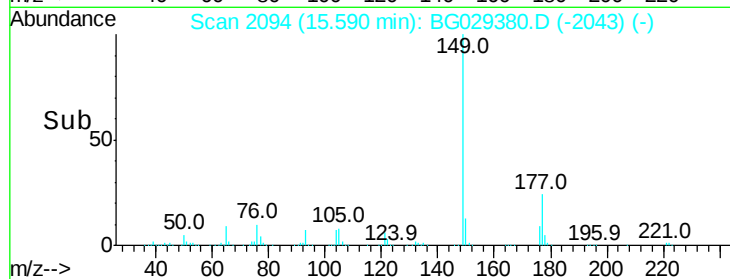
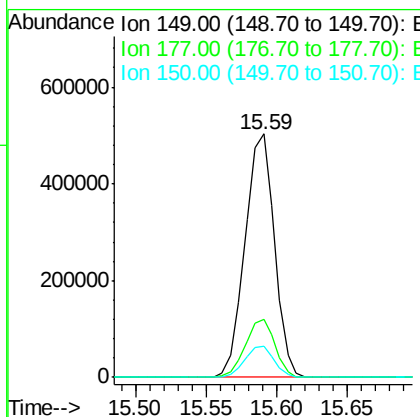
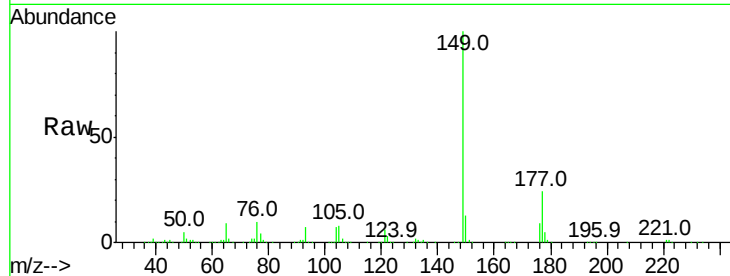
#59  
Diethylphthalate  
Concen: 53.949 ng  
RT: 15.59 min Scan# 2094  
Delta R.T. -0.00 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 24.0  | 18.5  | 27.7  |
| 150     | 12.8  | 10.2  | 15.2  |

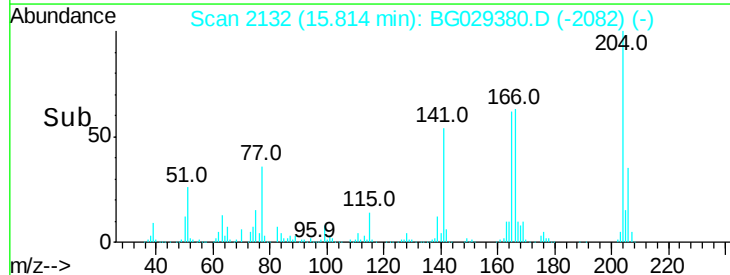
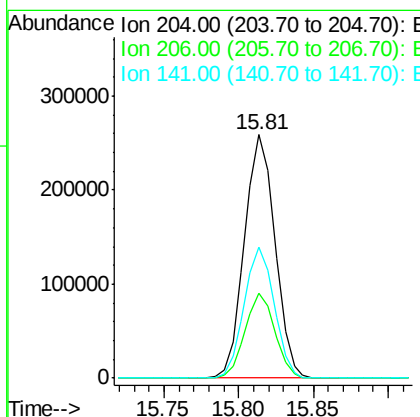
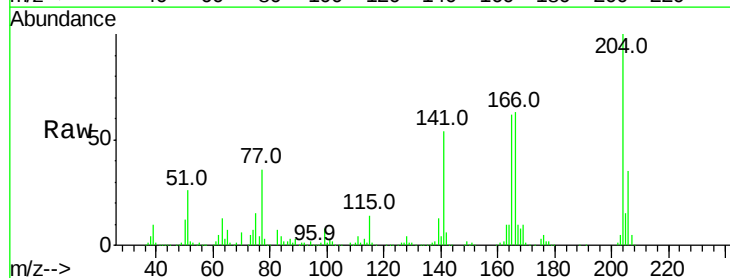
Manual Integrations  
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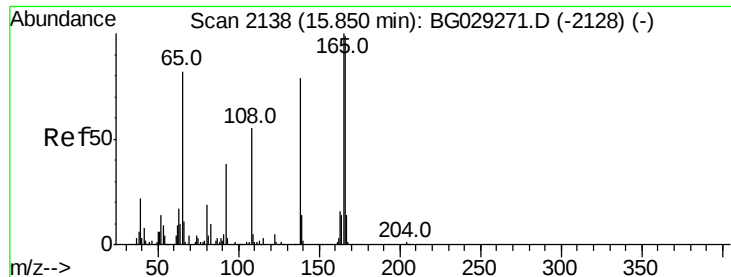
Sohil  
10/23/2017 3:40:48 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 51.952 ng  
RT: 15.81 min Scan# 2132  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 34.9  | 26.2  | 39.2  |
| 141     | 53.9  | 45.8  | 68.6  |





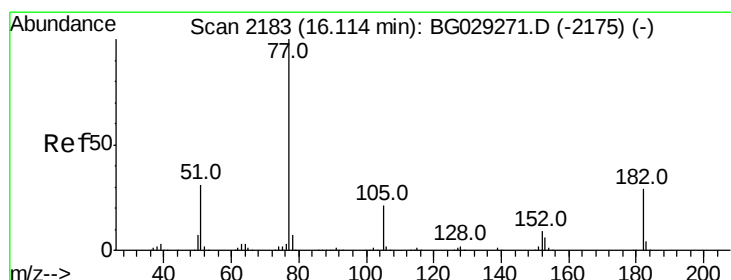
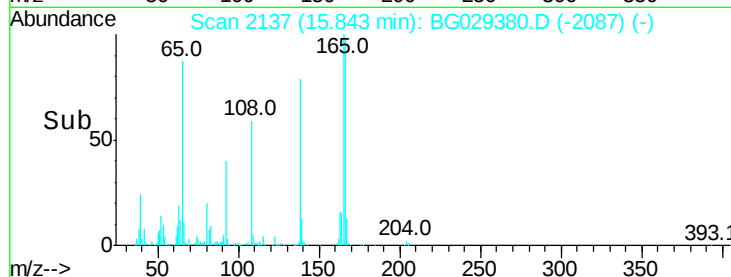
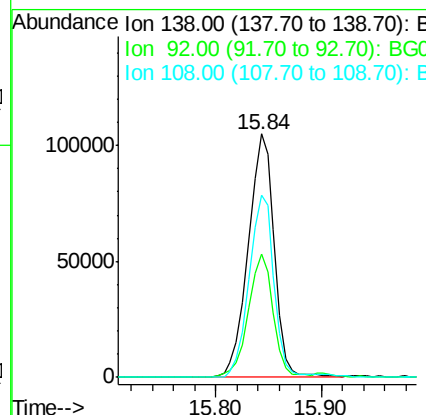
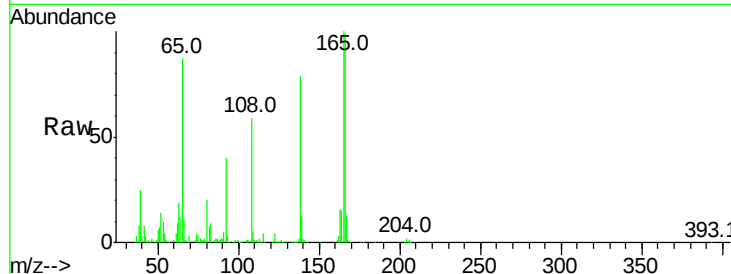
#61  
4-Nitroaniline  
Concen: 56.763 ng  
RT: 15.84 min Scan# 2137  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 50.7  | 40.1  | 80.1  |
| 108     | 75.0  | 65.4  | 105.4 |

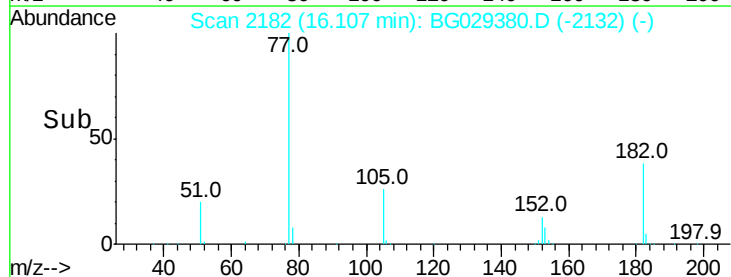
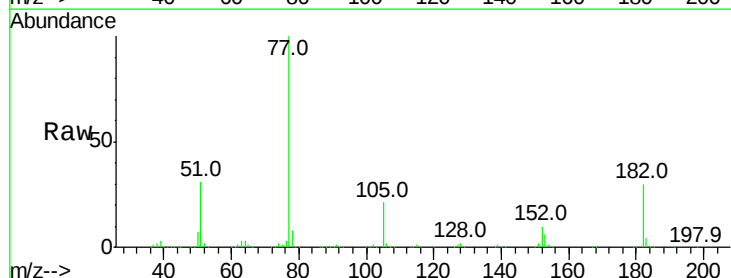
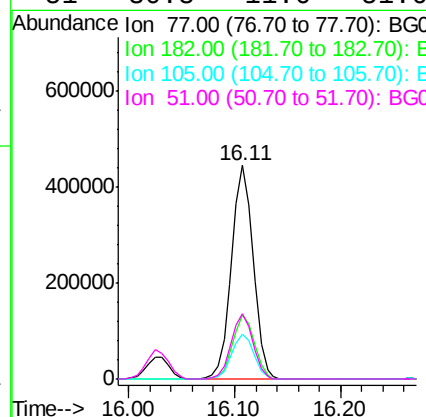
Manual Integrations  
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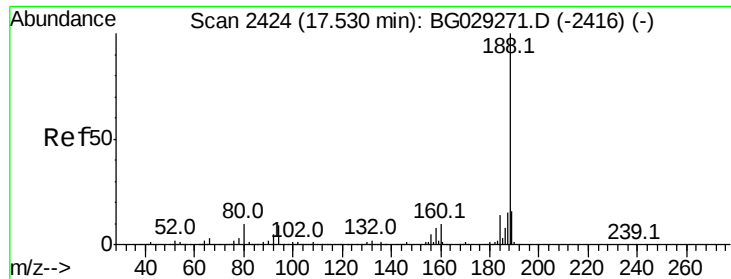
Sohil  
10/23/2017 3:40:48 PM



#62  
Azobenzene  
Concen: 54.825 ng  
RT: 16.11 min Scan# 2182  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 29.8  | 7.4   | 47.4  |
| 105     | 21.0  | 0.3   | 40.3  |
| 51      | 30.8  | 11.6  | 51.6  |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2423

Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

Instrument :

BNA\_G

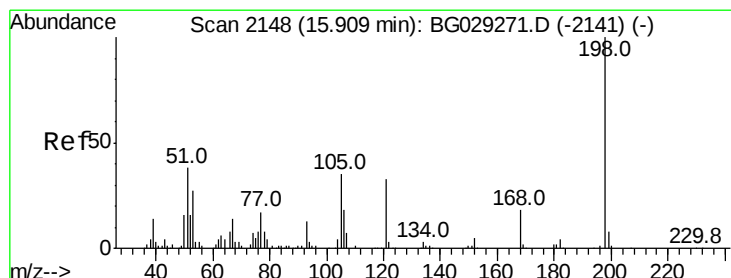
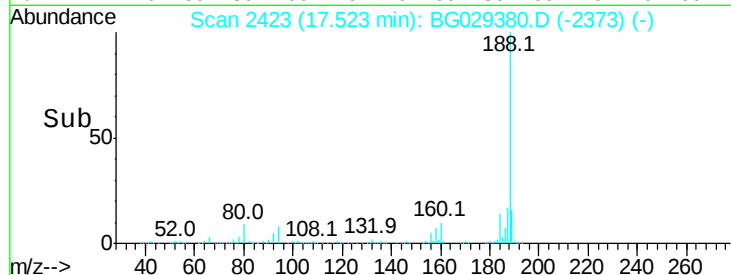
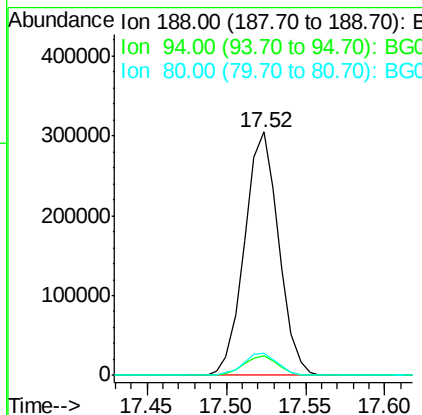
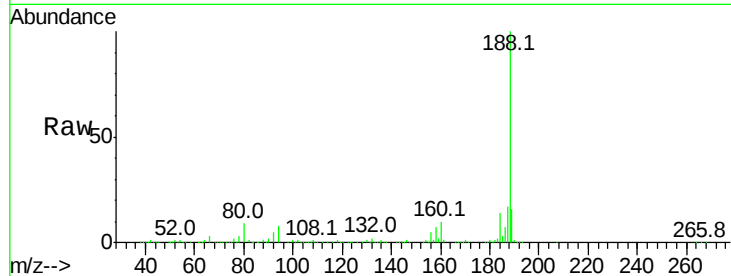
ClientSampleId :

NB-01-101817-BMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 455421 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 8.3   | 6.9   | 10.3   |
| 80        | 8.9   | 7.7   | 11.5   |

Manual Integrations  
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#64

4,6-Dinitro-2-methylphenol

Concen: 41.813 ng

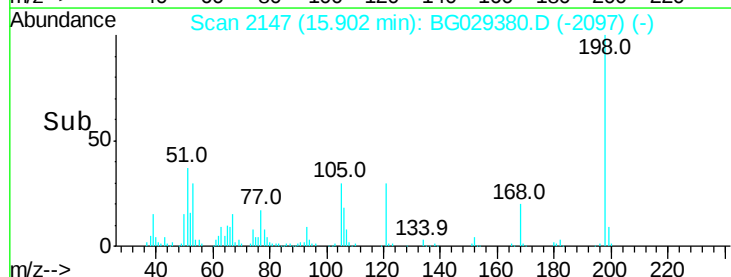
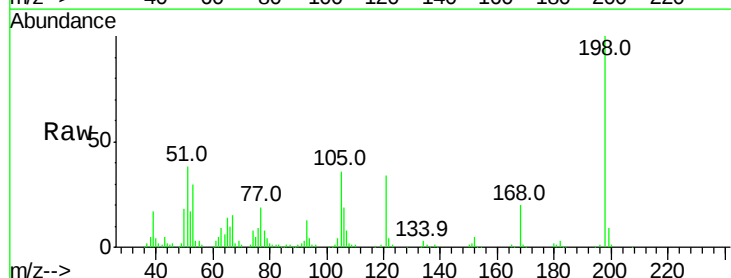
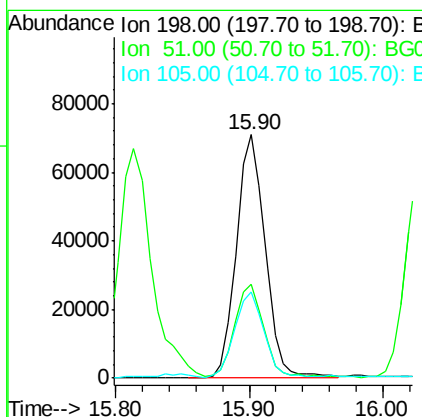
RT: 15.90 min Scan# 2147

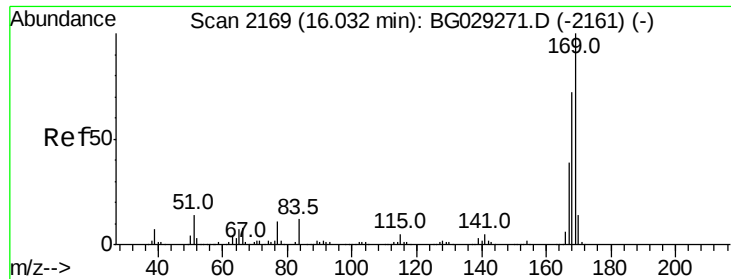
Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 198   | Resp: | 106425 |
| Ion Ratio | Lower | Upper |        |
| 198       | 100   |       |        |
| 51        | 38.4  | 30.6  | 70.6   |
| 105       | 35.6  | 23.8  | 63.8   |





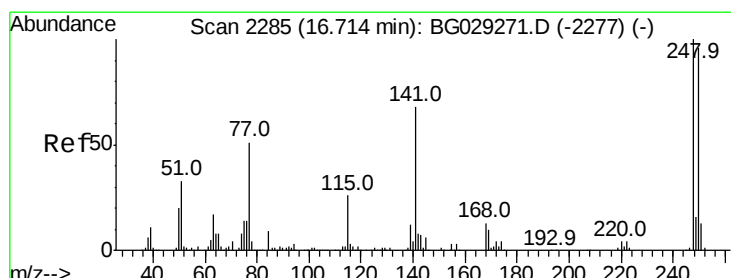
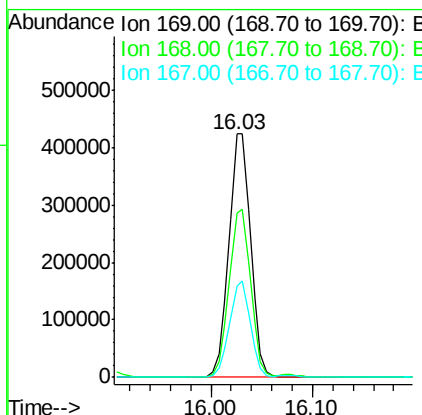
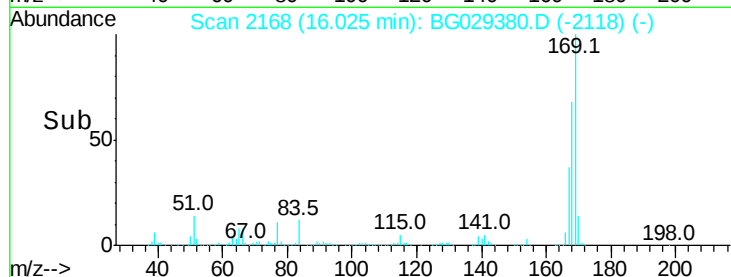
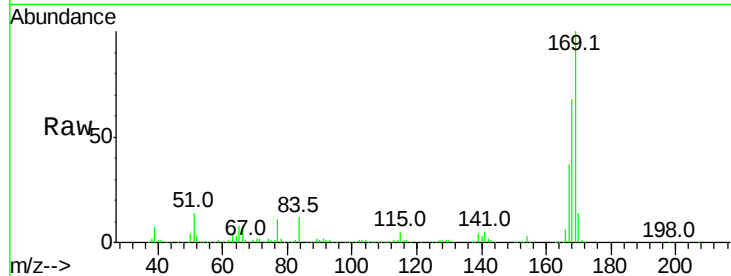
#65  
n-Nitrosodiphenylamine  
Concen: 46.236 ng  
RT: 16.03 min Scan# 2168  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.7  | 55.7  | 83.5  |
| 167     | 37.5  | 30.1  | 45.1  |

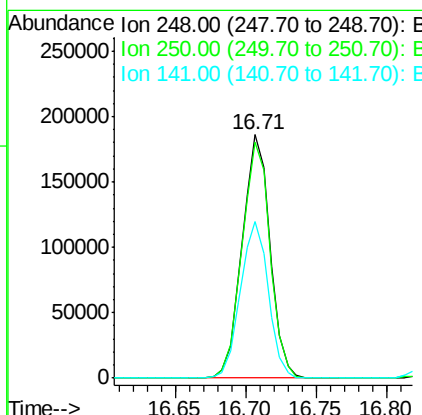
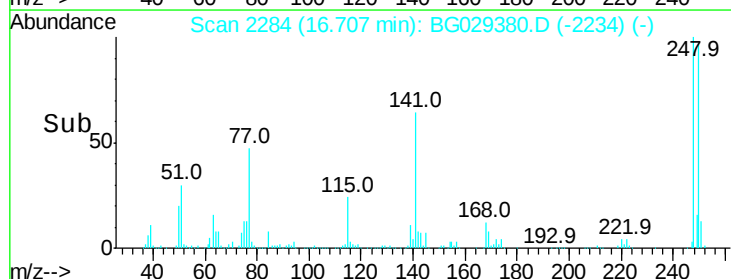
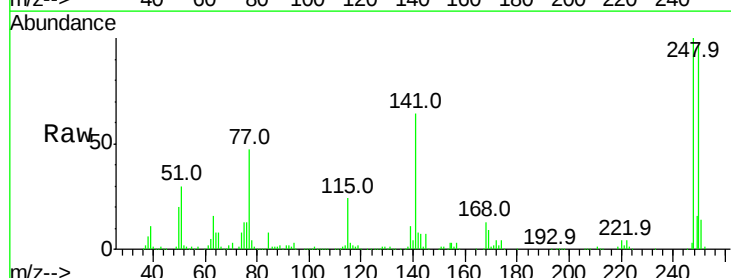
Manual Integrations  
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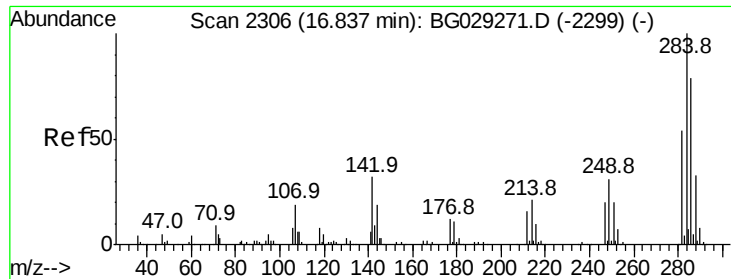
Sohil  
10/23/2017 3:40:48 PM



#66  
4-Bromophenyl-phenylether  
Concen: 49.071 ng  
RT: 16.71 min Scan# 2284  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 97.0  | 77.1  | 115.7 |
| 141     | 64.1  | 50.8  | 76.2  |





#67

Hexachlorobenzene

Concen: 45.679 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

Instrument :

BNA\_G

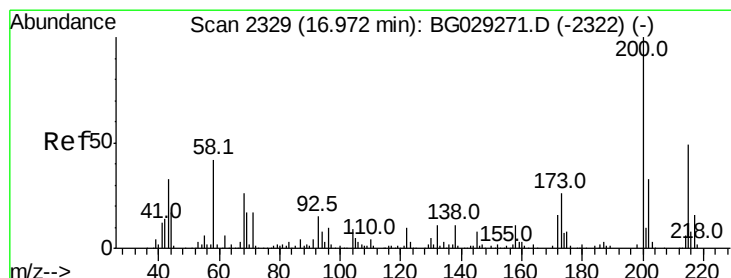
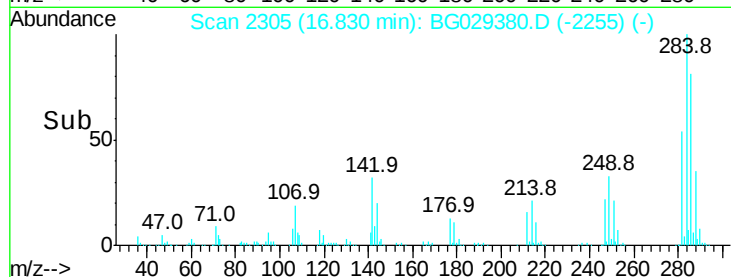
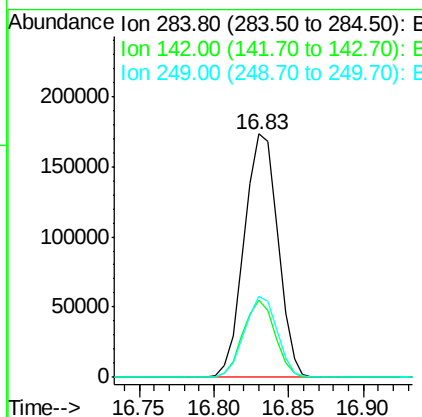
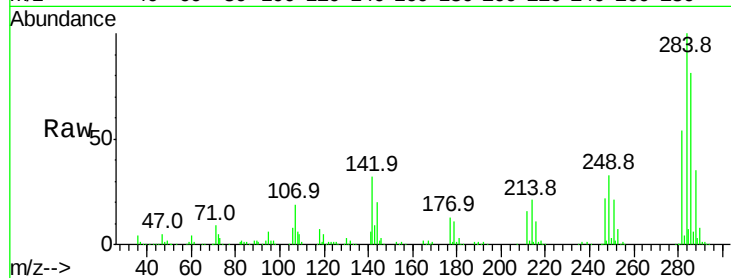
ClientSampleId :

NB-01-101817-BMSD

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 270398 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 31.9 | 26.8  | 40.2   |
| 249       | 33.4 | 26.3  | 39.5   |

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#68

Atrazine

Concen: 54.585 ng

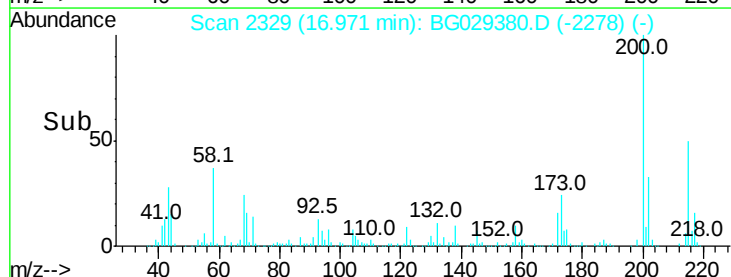
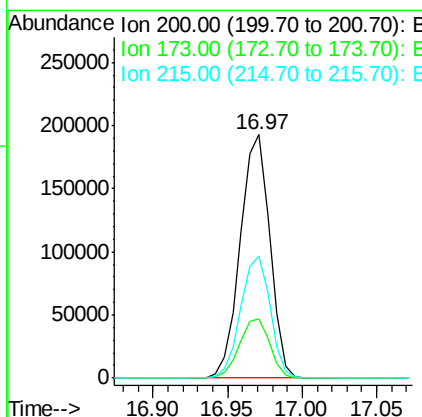
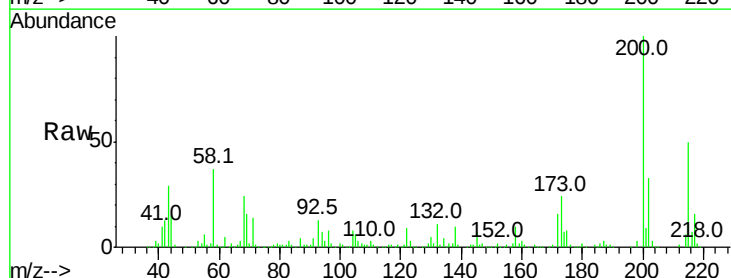
RT: 16.97 min Scan# 2329

Delta R.T. -0.00 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 265712 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 24.1 | 5.2   | 45.2   |
| 215       | 50.2 | 30.4  | 70.4   |





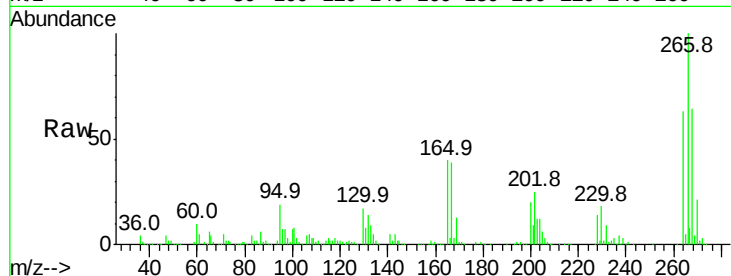
#69  
 Pentachlorophenol  
 Concen: 102.577 ng  
 RT: 17.17 min Scan# 2363  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-101817-BMSD

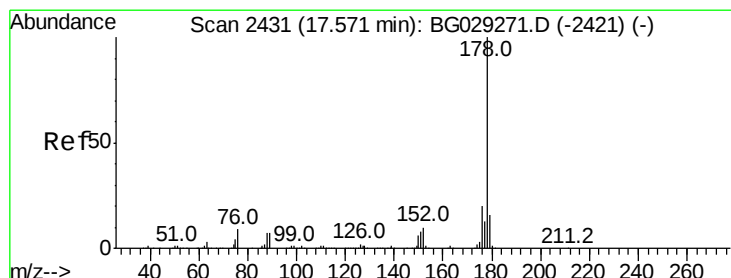
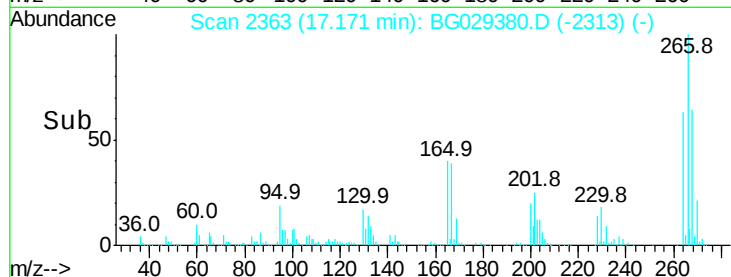
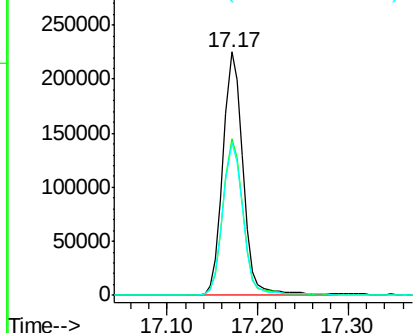
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.4  | 51.1  | 76.7  |
| 264     | 62.8  | 49.6  | 74.4  |

Manual Integrations  
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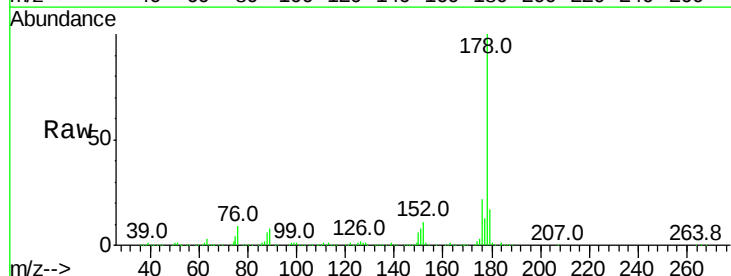


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

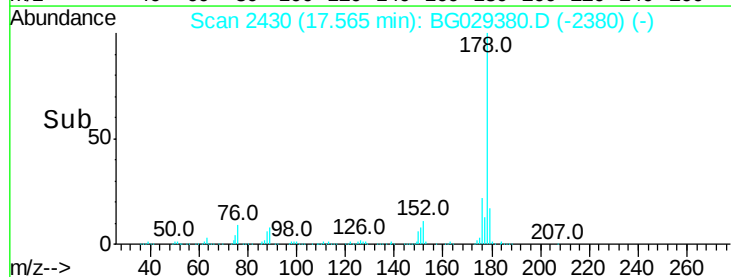
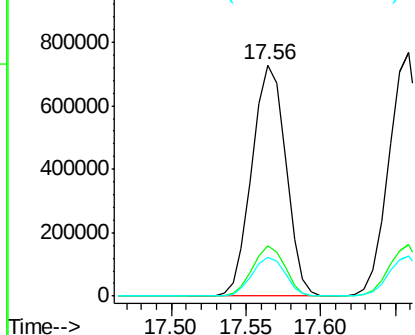


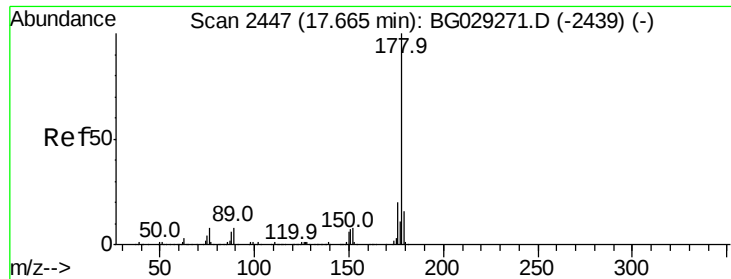
#70  
 Phenanthrene  
 Concen: 48.632 ng  
 RT: 17.56 min Scan# 2430  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 21.5  | 15.7  | 23.5  |
| 179     | 16.5  | 12.5  | 18.7  |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





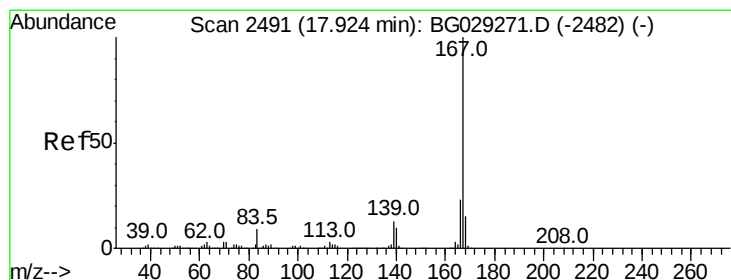
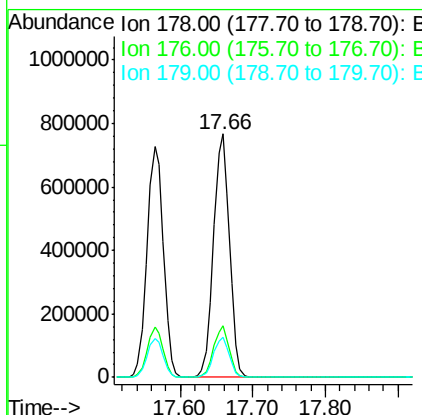
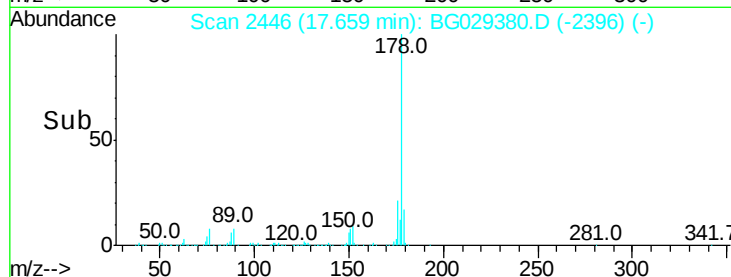
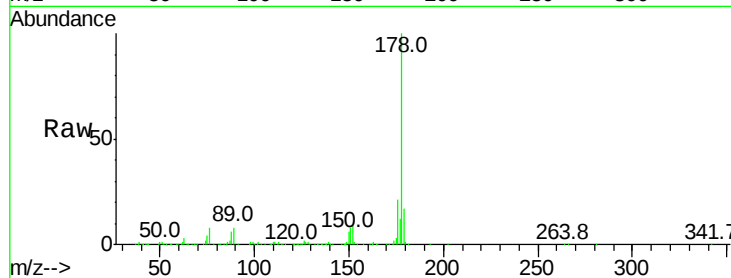
#71  
 Anthracene  
 Concen: 49.541 ng  
 RT: 17.66 min Scan# 2446  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-101817-BMSD

Tot Ion:178 Resp: 1170364  
 Ion Ratio Lower Upper  
 178 100  
 176 21.3 16.0 24.0  
 179 16.6 12.5 18.7

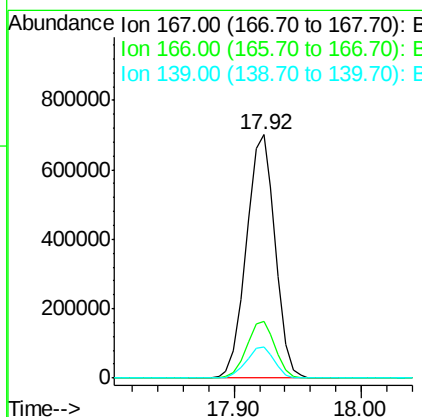
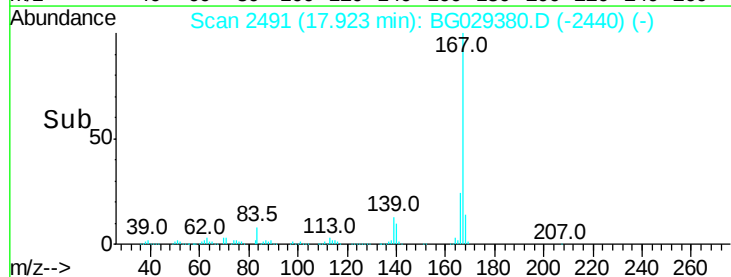
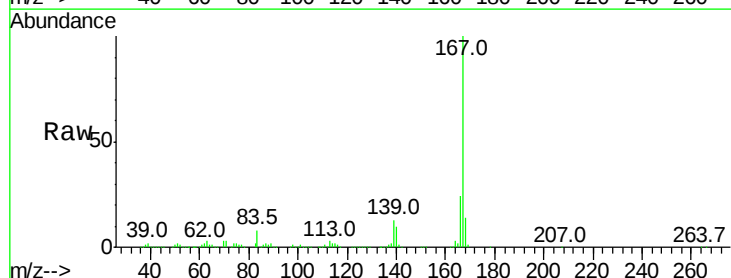
Manual Integrations  
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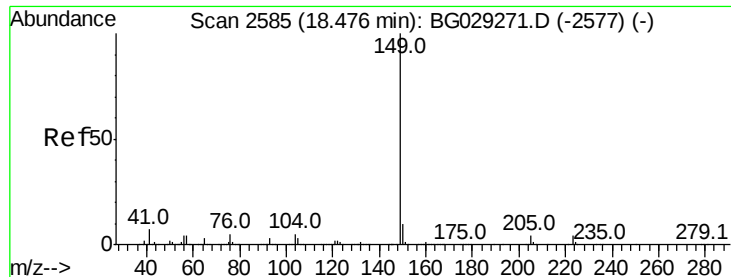
Sohil  
 10/23/2017 3:40:48 PM



#72  
 Carbazole  
 Concen: 48.735 ng  
 RT: 17.92 min Scan# 2491  
 Delta R.T. -0.00 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

Tgt Ion:167 Resp: 1105999  
 Ion Ratio Lower Upper  
 167 100  
 166 23.5 18.2 27.4  
 139 12.9 9.4 14.2





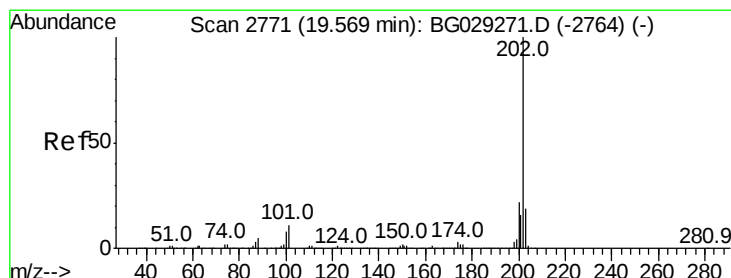
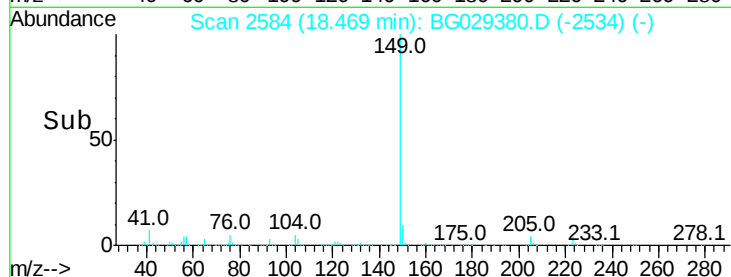
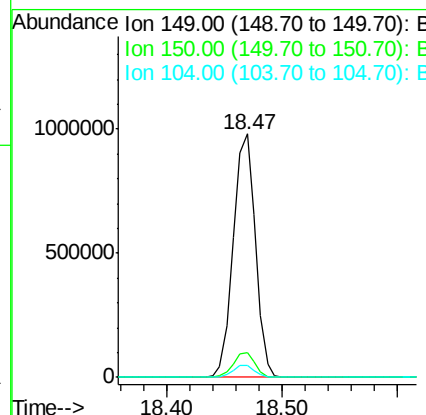
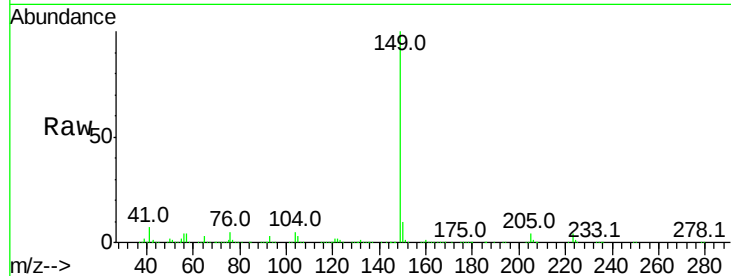
#73  
Di-n-butylphthalate  
Concen: 49.755 ng  
RT: 18.47 min Scan# 2584  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.1  | 7.8   | 11.6  |
| 104     | 5.1   | 3.9   | 5.9   |

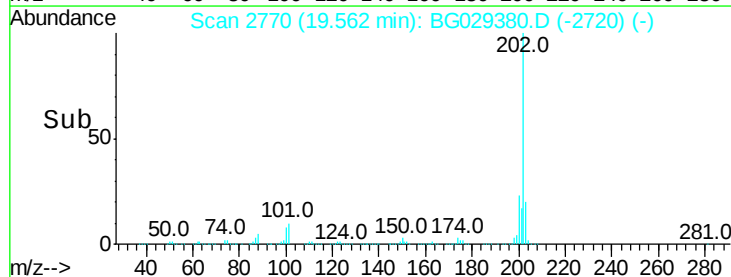
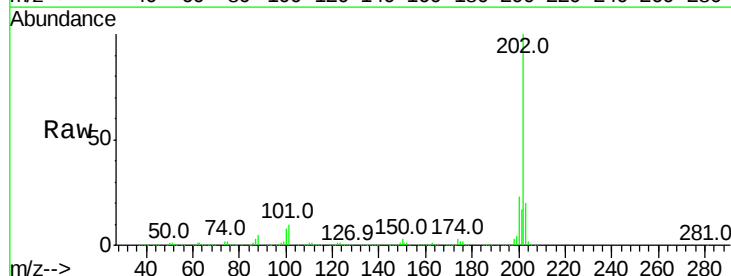
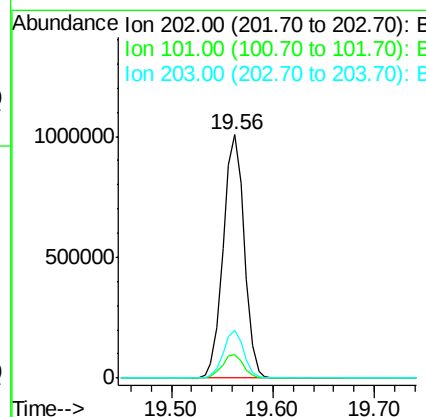
Manual Integrations  
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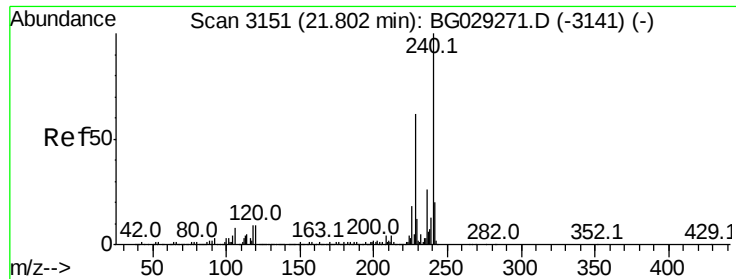
Sohil  
10/23/2017 3:40:48 PM



#74  
Fluoranthene  
Concen: 52.615 ng  
RT: 19.56 min Scan# 2770  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 9.9   | 0.0   | 28.9  |
| 203     | 19.5  | 0.0   | 37.5  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

Instrument :

BNA\_G

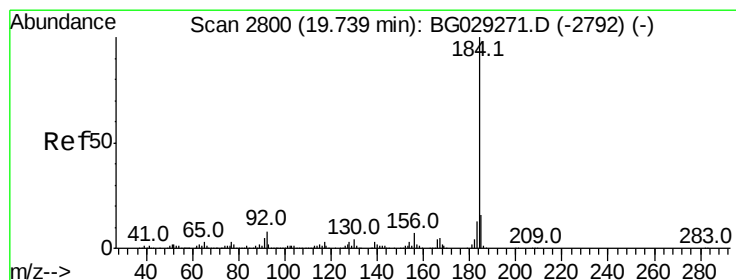
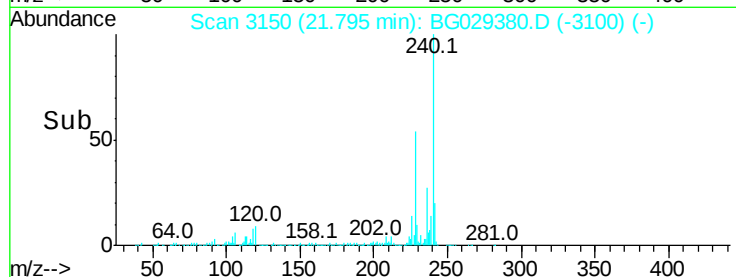
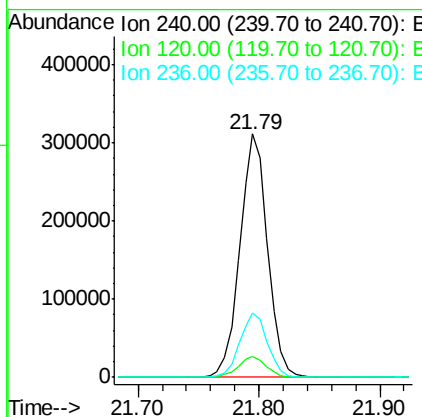
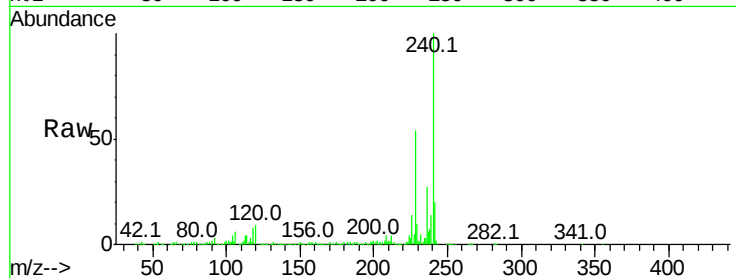
ClientSampleId :

NB-01-101817-BMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 240   | Resp: | 494447 |
| Ion Ratio | Lower | Upper |        |
| 240       | 100   |       |        |
| 120       | 8.8   | 6.8   | 10.2   |
| 236       | 26.7  | 20.9  | 31.3   |

Manual Integrations  
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#76

Benzidine

Concen: 15.734 ng

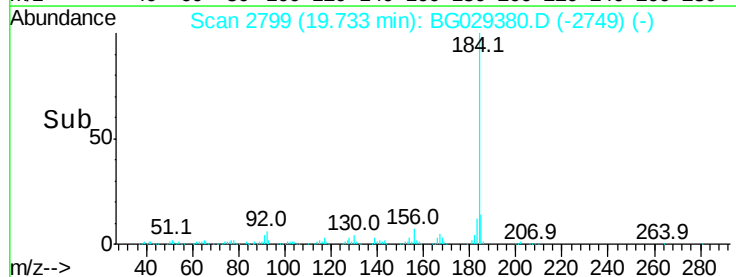
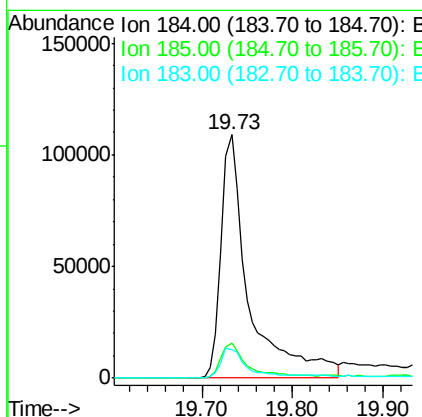
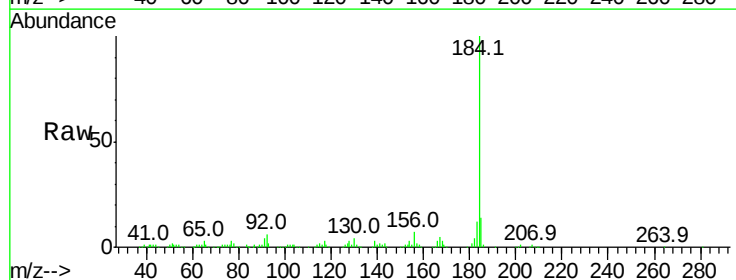
RT: 19.73 min Scan# 2799

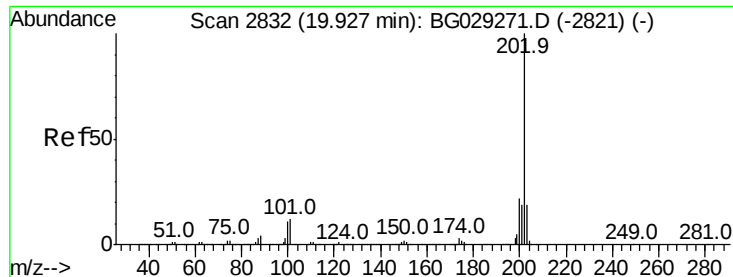
Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 184   | Resp: | 234888 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.1  | 11.1  | 16.7   |
| 183       | 11.7  | 10.6  | 16.0   |





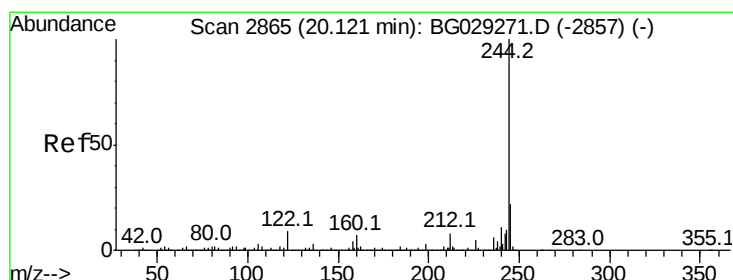
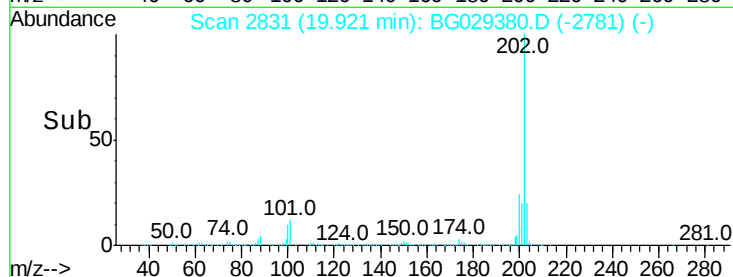
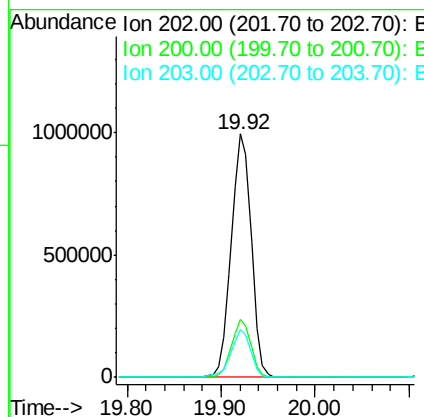
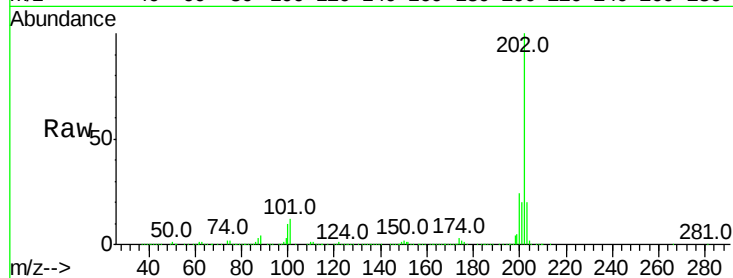
#77  
Pvrene  
Concen: 48.917 ng  
RT: 19.92 min Scan# 2831  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 23.8  | 16.9  | 25.3  |
| 203     | 19.7  | 13.9  | 20.9  |

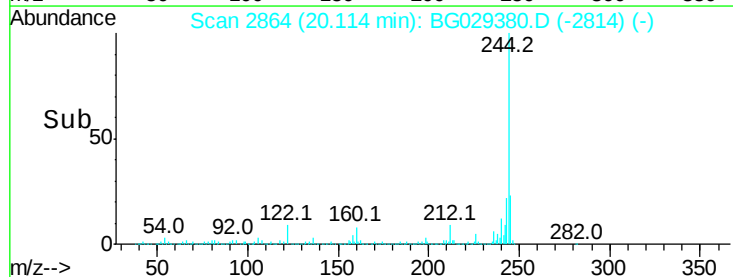
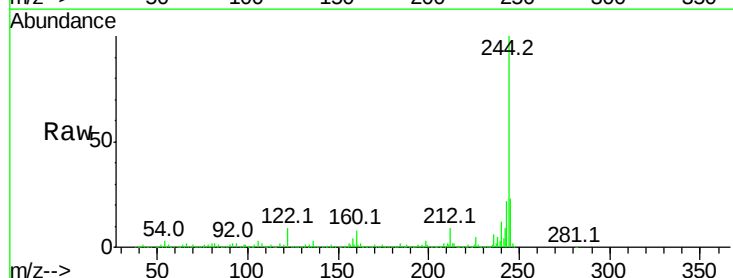
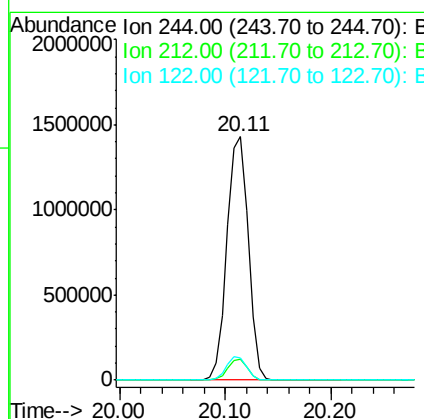
Manual Integrations  
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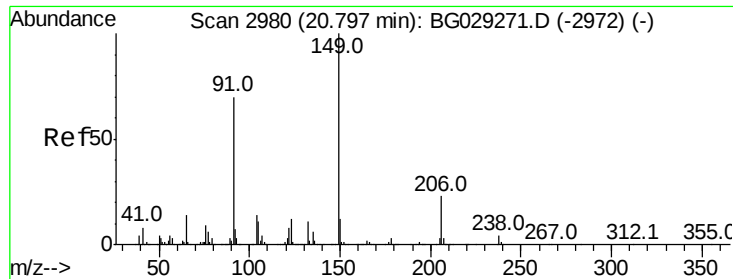
Sohil  
10/23/2017 3:40:48 PM



#78  
Terphenyl-d14  
Concen: 92.072 ng  
RT: 20.11 min Scan# 2864  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.6   | 5.8   | 8.8   |
| 122     | 9.2   | 7.0   | 10.4  |





#79

Butylbenzylphthalate

Concen: 48.463 ng

RT: 20.79 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

Instrument :

BNA\_G

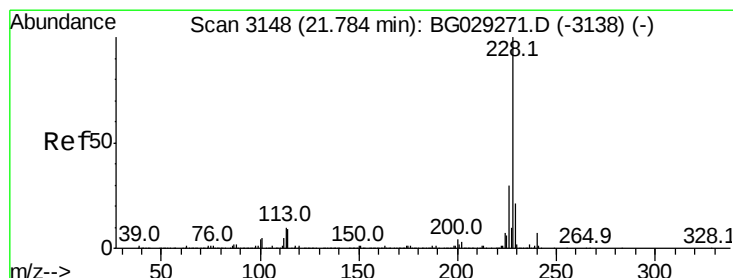
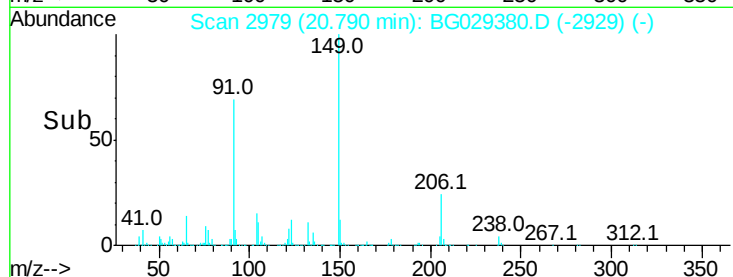
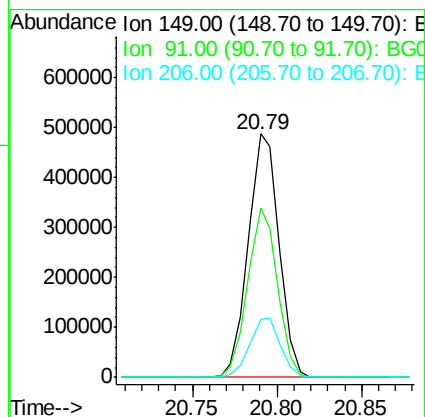
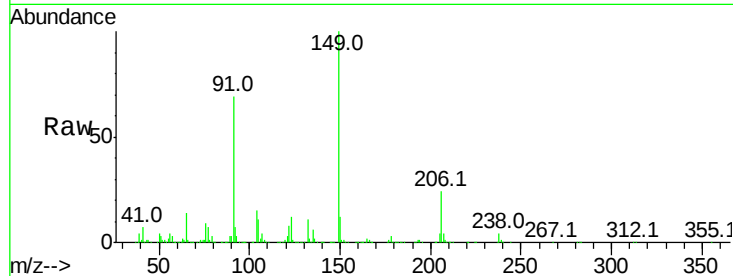
ClientSampleId :

NB-01-101817-BMSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 149   | Resp: | 619291 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 69.3  | 62.2  | 93.2   |
| 206       | 24.0  | 18.6  | 27.8   |

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#80

Benzo(a)anthracene

Concen: 50.790 ng

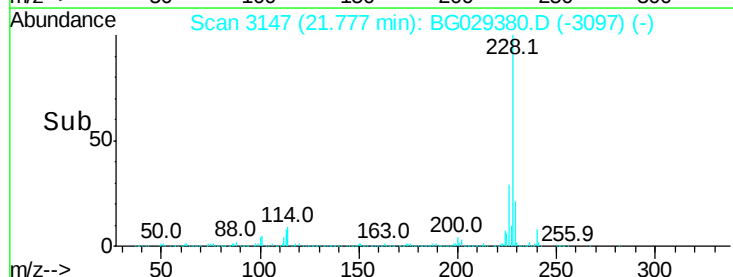
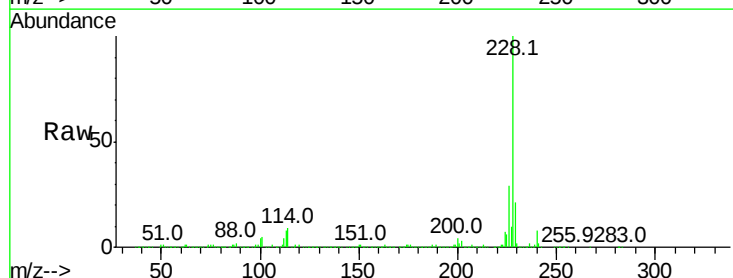
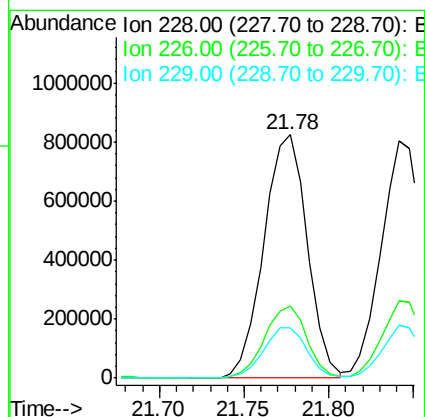
RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 228   | Resp: | 1474439 |
| Ion Ratio | Lower | Upper |         |
| 228       | 100   |       |         |
| 226       | 29.4  | 22.7  | 34.1    |
| 229       | 20.7  | 16.2  | 24.2    |





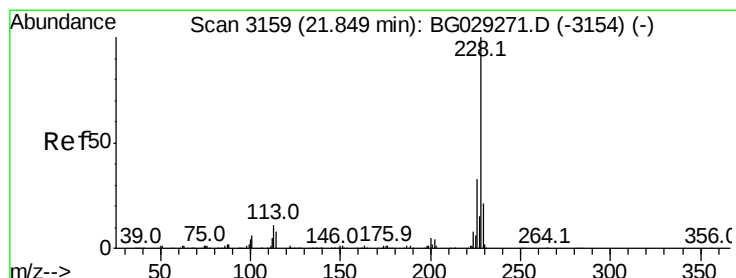
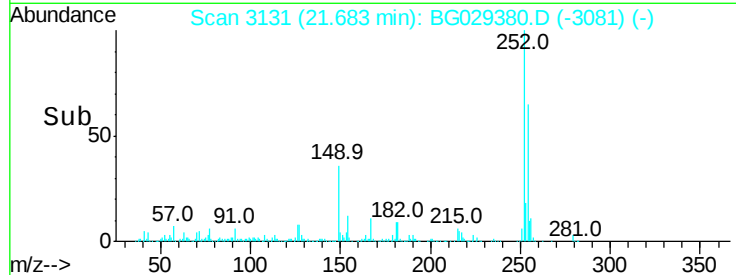
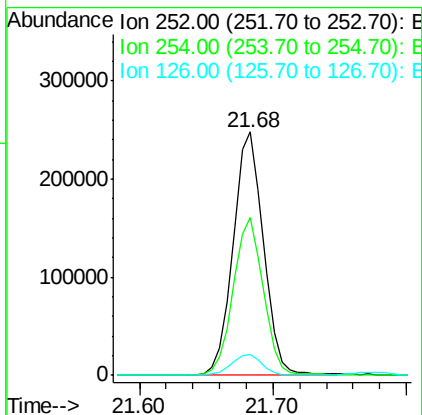
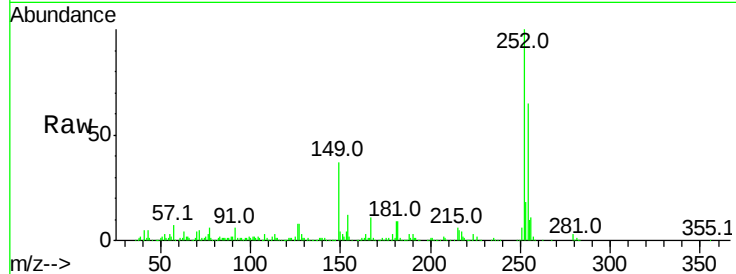
#81  
 3,3'-Dichlorobenzidine  
 Concen: 32.571 ng  
 RT: 21.68 min Scan# 3131  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.8  | 50.8  | 76.2  |
| 126     | 8.5   | 7.4   | 11.2  |

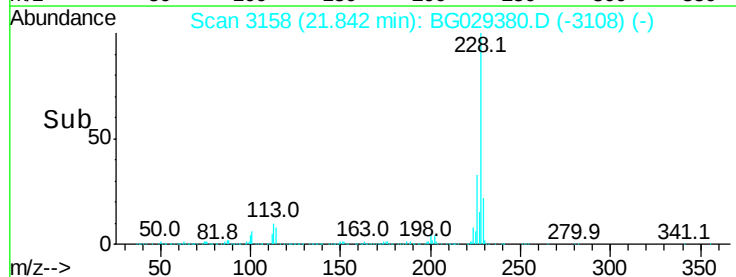
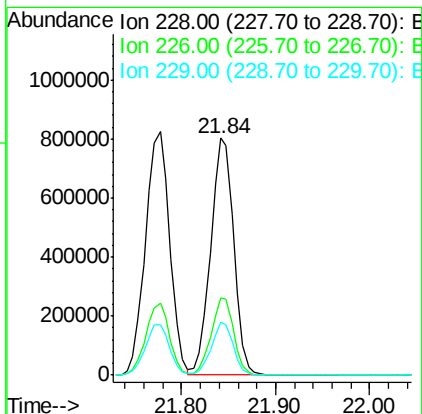
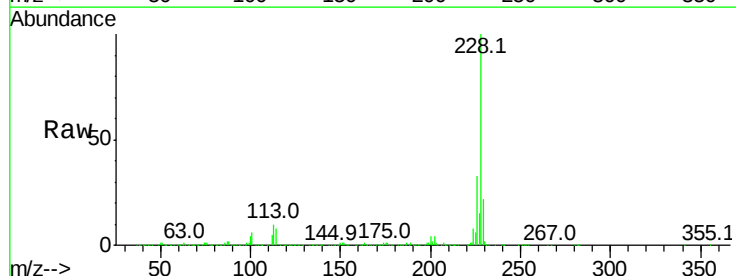
Manual Integrations  
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#82  
 Chrysene  
 Concen: 49.564 ng  
 RT: 21.84 min Scan# 3158  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 32.9  | 24.9  | 37.3  |
| 229     | 22.2  | 15.0  | 22.4  |





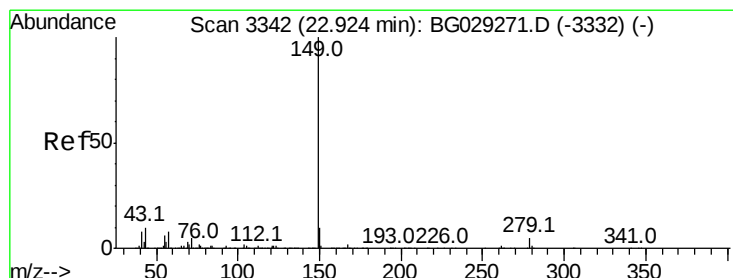
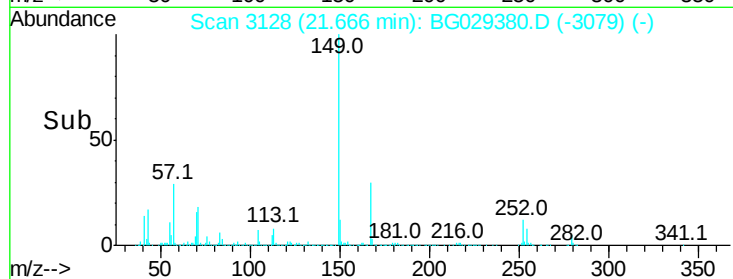
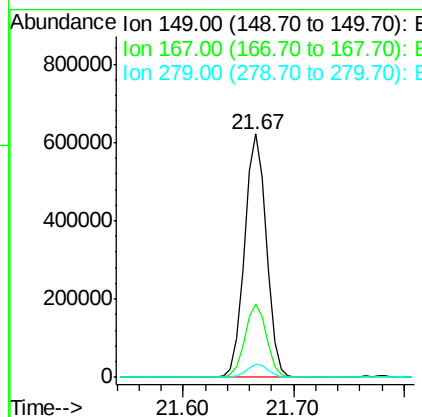
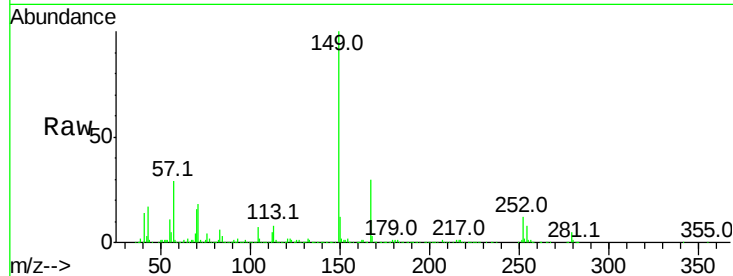
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 47.015 ng  
 RT: 21.67 min Scan# 3128  
 Delta R.T. -0.01 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 NB-01-101817-BMSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 862232 |       |       |
| 167     | 30.3  | 24.3   | 36.5  |       |
| 279     | 5.5   | 4.0    | 6.0   |       |

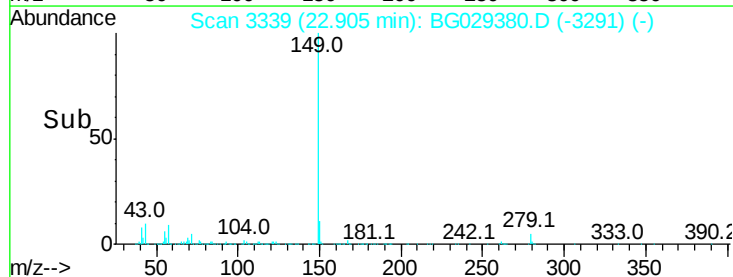
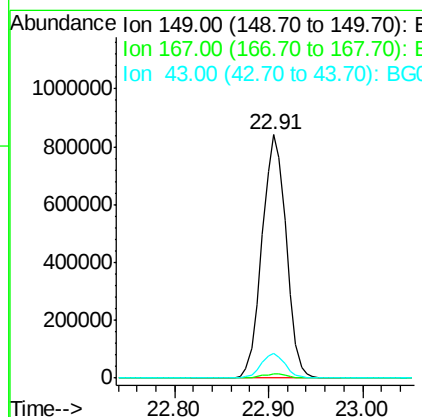
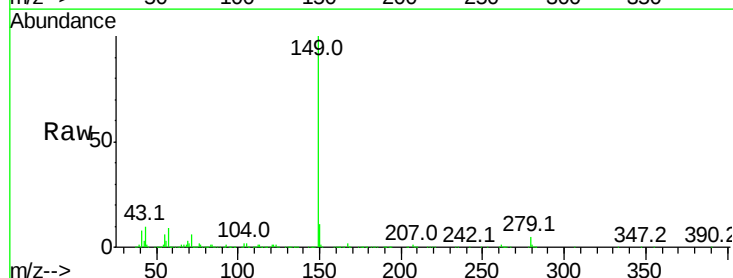
Manual Integrations  
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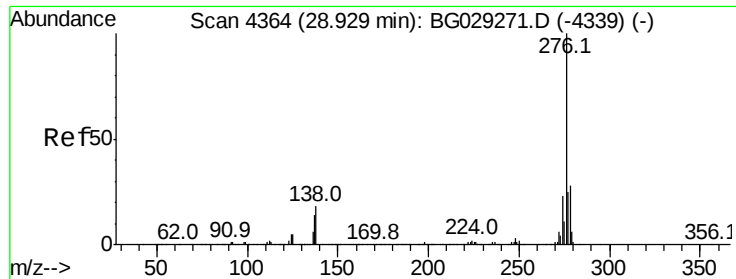
Sohil  
 10/23/2017 3:40:48 PM



#84  
 Di-n-octyl phthalate  
 Concen: 46.685 ng  
 RT: 22.91 min Scan# 3339  
 Delta R.T. -0.02 min  
 Lab File: BG029380.D  
 Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 149     | 100   | 1492165 |       |       |
| 167     | 1.8   | 1.4     | 2.0   |       |
| 43      | 10.0  | 8.9     | 13.3  |       |





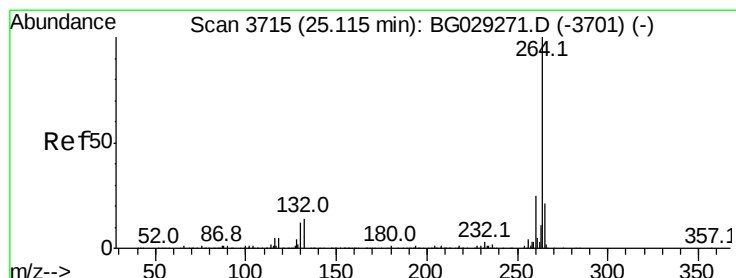
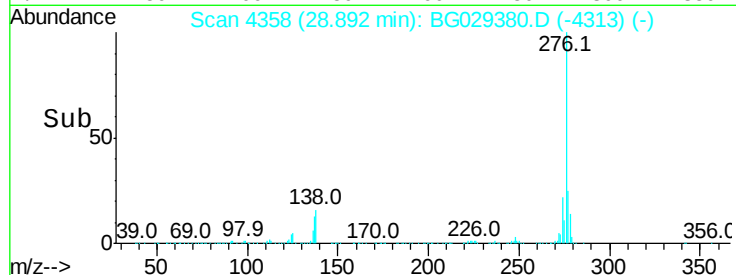
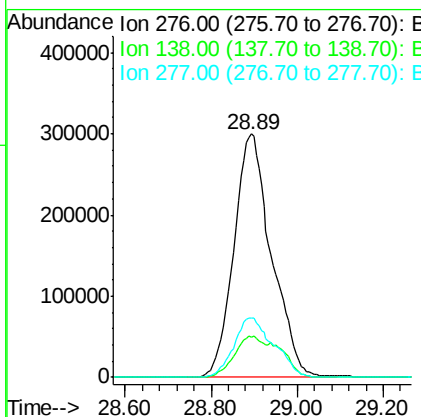
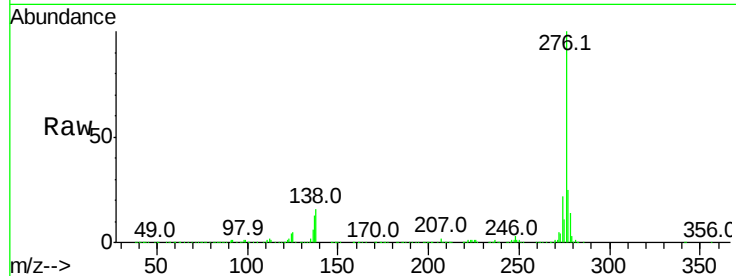
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 53.648 ng  
RT: 28.89 min Scan# 4358  
Delta R.T. -0.04 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 13.9  | 16.0  | 24.0# |
| 277     | 26.0  | 20.0  | 30.0  |

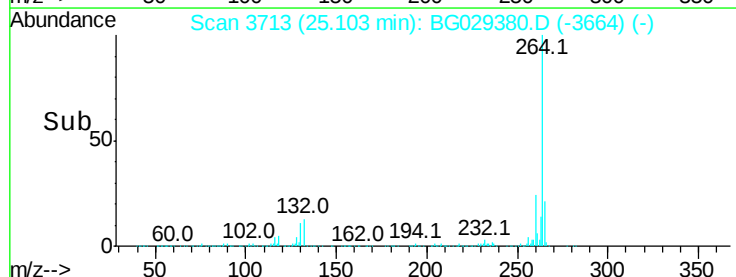
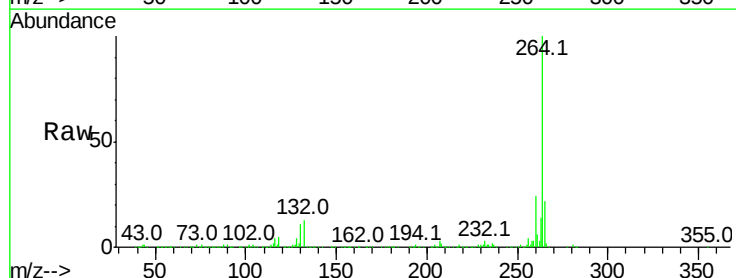
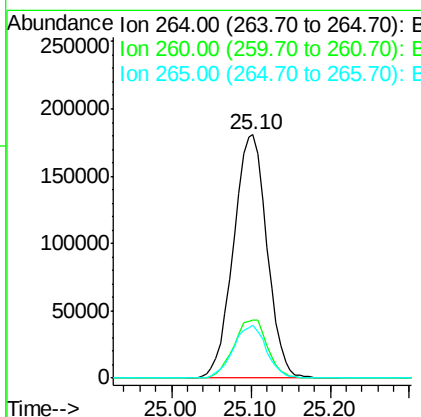
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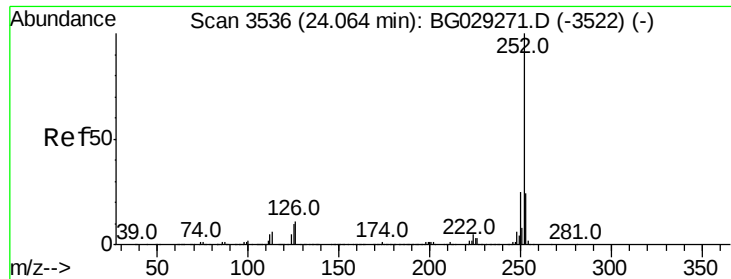
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#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.10 min Scan# 3713  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 17.4  | 26.0  |
| 265     | 21.5  | 17.7  | 26.5  |





#87

Benzo(b)fluoranthene

Concen: 51.606 ng

RT: 24.05 min Scan# 3534

Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

Instrument :

BNA\_G

ClientSampleId :

NB-01-101817-BMSD

Tot Ion:252 Resp: 1562869

Ion Ratio Lower Upper

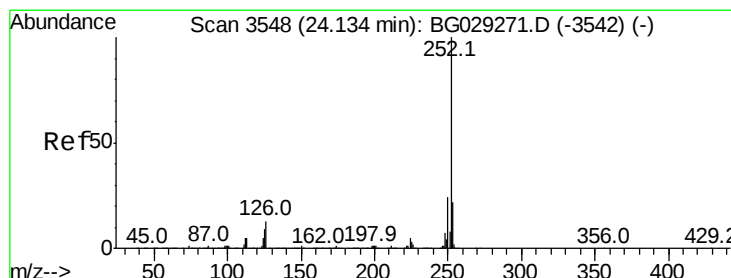
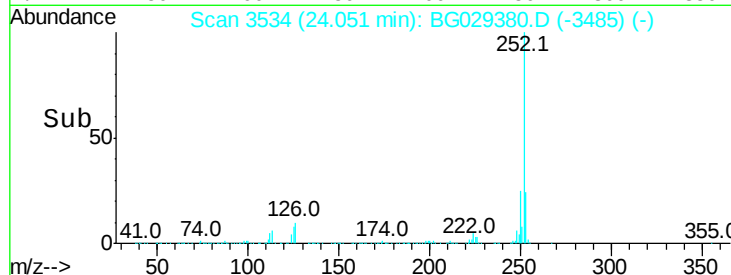
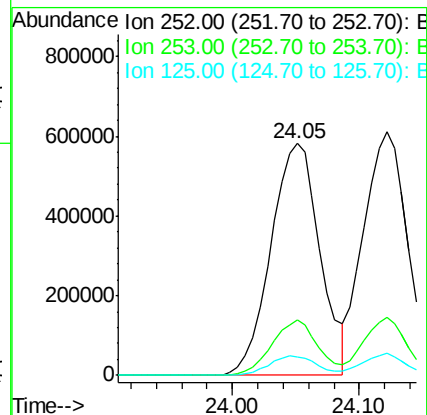
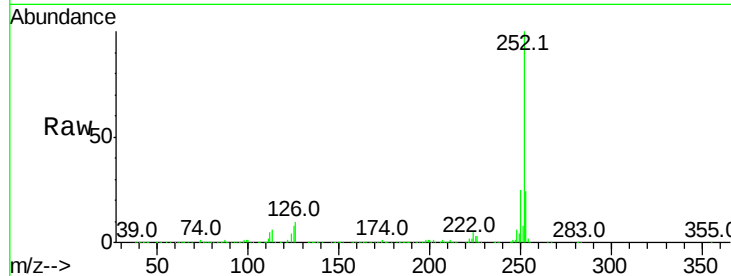
252 100

253 24.1 18.2 27.4

125 8.2 7.2 10.8

Manual Integrations  
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#88

Benzo(k)fluoranthene

Concen: 48.756 ng

RT: 24.12 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

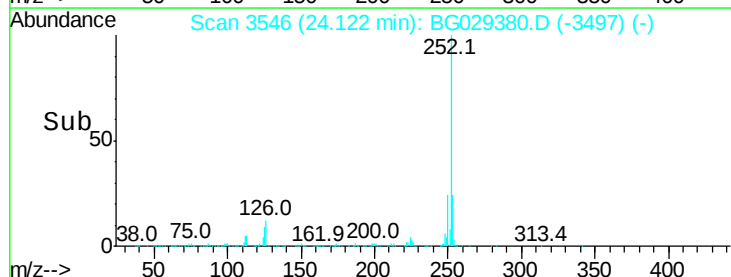
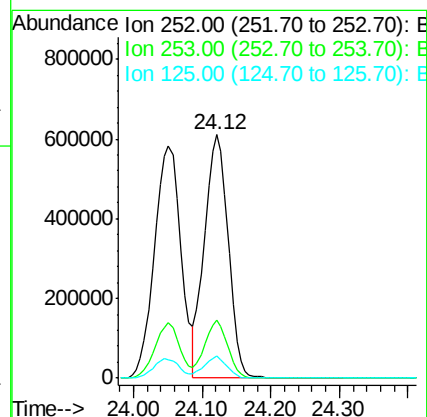
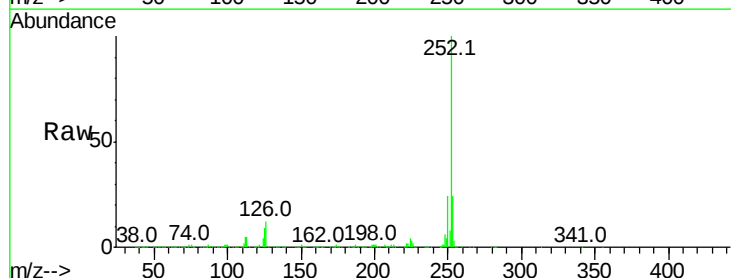
Tgt Ion:252 Resp: 1471041

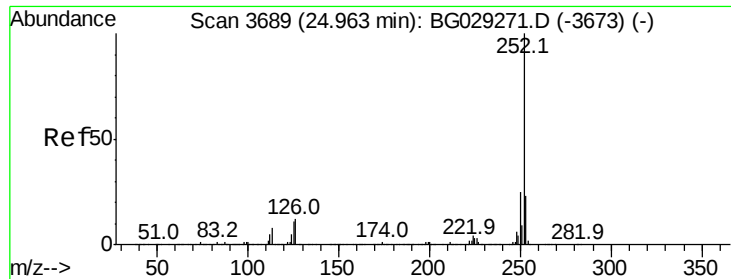
Ion Ratio Lower Upper

252 100

253 23.6 17.4 26.2

125 9.1 6.6 9.8





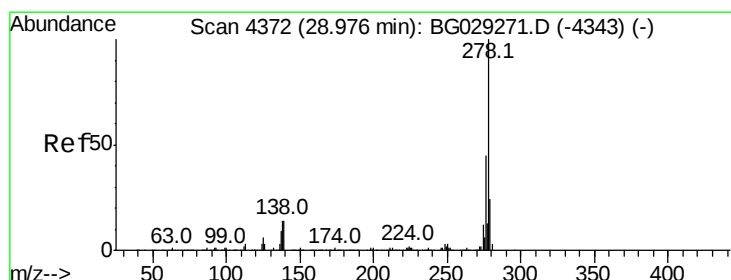
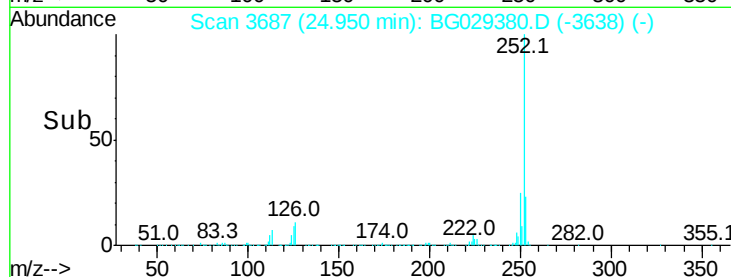
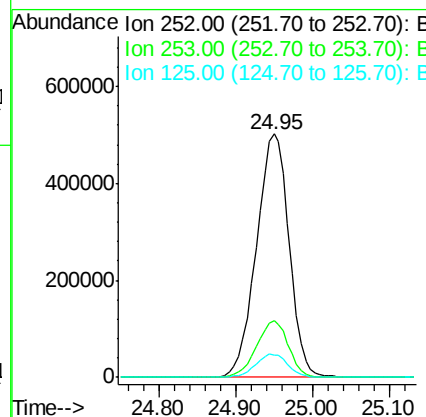
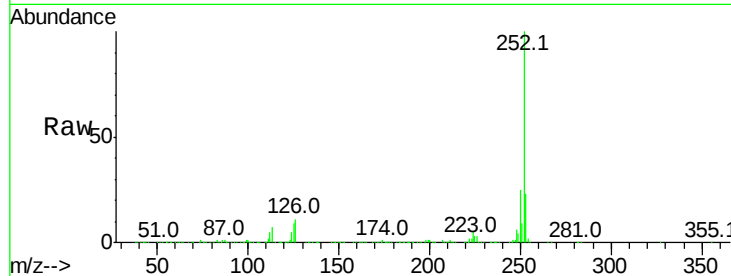
#89  
Benzo(a)pyrene  
Concen: 51.147 ng  
RT: 24.95 min Scan# 3687  
Delta R.T. -0.01 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

Instrument :  
BNA\_G  
ClientSampleId :  
NB-01-101817-BMSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 18.3  | 27.5  |
| 125     | 8.9   | 7.3   | 10.9  |

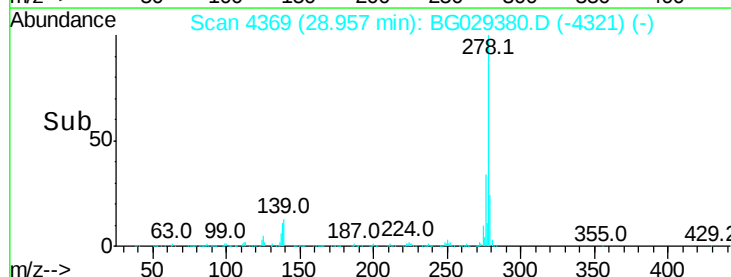
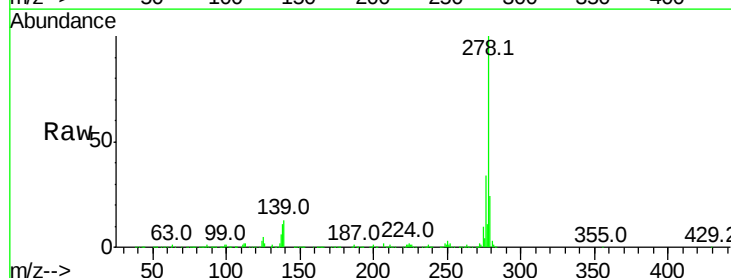
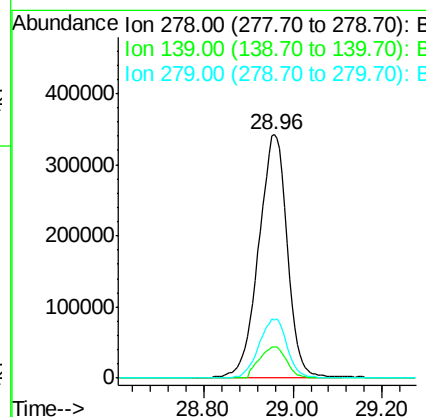
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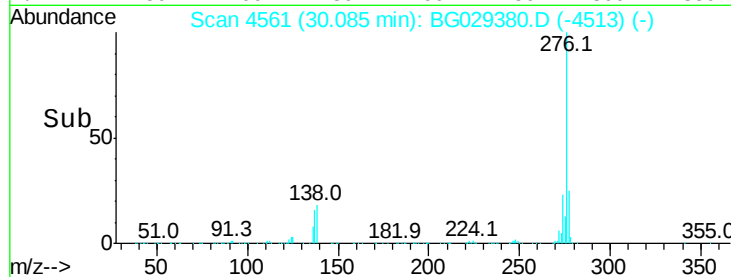
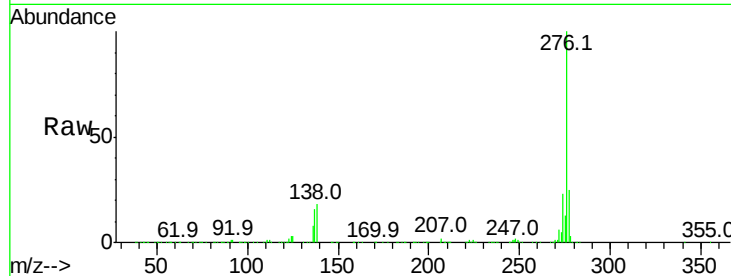
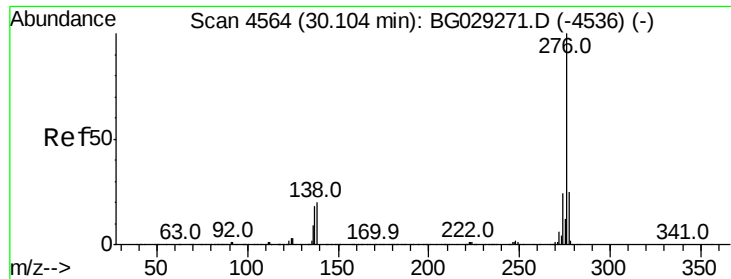
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#90  
Dibenzo(a,h)anthracene  
Concen: 51.667 ng  
RT: 28.96 min Scan# 4369  
Delta R.T. -0.02 min  
Lab File: BG029380.D  
Acq: 20 Oct 2017 20:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 12.6  | 9.8   | 14.6  |
| 279     | 23.7  | 18.4  | 27.6  |





#91

Benzo(a,h,i)perylene

Concen: 54.969 ng

RT: 30.09 min Scan# 4561

Delta R.T. -0.02 min

Lab File: BG029380.D

Acq: 20 Oct 2017 20:06

Instrument :

BNA\_G

ClientSampleId :

NB-01-101817-BMSD

Tot Ion: 276 Resp: 1505435

Ion Ratio Lower Upper

276 100

277 25.0 18.3 27.5

138 18.4 13.9 20.9

Manual Integrations

APPROVED

Sohil

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