

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\  
 Data File : BG028709.D  
 Acq On : 13 Sep 2017 22:03  
 Operator : SJ/JU  
 Sample : PB102294BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102294BS

Manual Integrations  
 APPROVED

Sohil  
 9/14/2017 5:54:34 PM

Quant Time: Sep 14 08:57:32 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 16:57:11 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.33  | 152  | 23390    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.15 | 136  | 104391   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.94 | 164  | 86006    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.69 | 188  | 244310   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 22.03 | 240  | 284518   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.53 | 264  | 287627   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.90  | 112 | 237078  | 167.25 | ng | 0.00 |
| 7) Phenol-d6             | 7.49  | 99  | 346055  | 162.14 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.50  | 82  | 208988  | 95.77  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.43 | 330 | 247252  | 173.82 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.56 | 172 | 588595  | 91.25  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.28 | 244 | 1192464 | 89.38  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.83  | 88  | 21689  | 37.783 | ng | # 90   |
| 3) Pyridine                    | 4.23  | 79  | 67036  | 40.938 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 4.14  | 42  | 34474  | 46.281 | ng | # 71   |
| 6) Aniline                     | 7.66  | 93  | 72804  | 29.310 | ng | 96     |
| 8) 2-Chlorophenol              | 7.90  | 128 | 82127  | 51.972 | ng | 96     |
| 9) Benzaldehyde                | 7.47  | 77  | 48759  | 36.823 | ng | 98     |
| 10) Phenol                     | 7.52  | 94  | 119047 | 52.853 | ng | 86     |
| 11) bis(2-Chloroethyl)ether    | 7.74  | 93  | 72666  | 44.935 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 8.22  | 146 | 80212  | 47.140 | ng | 89     |
| 13) 1,4-Dichlorobenzene        | 8.36  | 146 | 79941  | 45.688 | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.68  | 146 | 79222  | 45.830 | ng | 93     |
| 15) Benzyl Alcohol             | 8.57  | 79  | 85960  | 51.594 | ng | 90     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.84  | 45  | 134132 | 45.638 | ng | 96     |
| 17) 2-Methylphenol             | 8.77  | 107 | 76675  | 52.094 | ng | 92     |
| 18) Hexachloroethane           | 9.41  | 117 | 29318  | 45.717 | ng | 89     |
| 19) n-Nitroso-di-n-propylamine | 9.13  | 70  | 68135  | 45.034 | ng | # 92   |
| 20) 3+4-Methylphenols          | 9.10  | 107 | 109668 | 53.270 | ng | 92     |
| 22) Acetophenone               | 9.15  | 105 | 125990 | 41.277 | ng | # 86   |
| 24) Nitrobenzene               | 9.54  | 77  | 106570 | 44.103 | ng | 95     |
| 25) Isophorone                 | 10.06 | 82  | 194711 | 44.097 | ng | # 98   |
| 26) 2-Nitrophenol              | 10.25 | 139 | 46949  | 45.651 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 10.30 | 122 | 89308  | 47.508 | ng | 93     |
| 28) bis(2-Chloroethoxy)methane | 10.53 | 93  | 110748 | 46.187 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.80 | 162 | 96375  | 51.526 | ng | 91     |
| 30) 1,2,4-Trichlorobenzene     | 11.01 | 180 | 94533  | 44.304 | ng | 99     |
| 31) Naphthalene                | 11.20 | 128 | 247153 | 45.331 | ng | 98     |
| 32) Benzoic acid               | 10.45 | 122 | 56717  | 43.183 | ng | # 83   |
| 33) 4-Chloroaniline            | 11.31 | 127 | 32075  | 14.043 | ng | 95     |
| 34) Hexachlorobutadiene        | 11.47 | 225 | 64178  | 40.836 | ng | 95     |
| 35) Caprolactam                | 12.09 | 113 | 39321m | 58.624 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.42 | 107 | 121332 | 49.845 | ng | 93     |
| 37) 2-Methylnaphthalene        | 12.79 | 142 | 201204 | 49.428 | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.14 | 216 | 131038 | 37.055 | ng | 97     |
| 40) Hexachlorocyclopentadiene  | 13.11 | 237 | 113379 | 82.290 | ng | 95     |

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG091317\  
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 Sample : PB102294BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102294BS

Manual Integrations  
 APPROVED

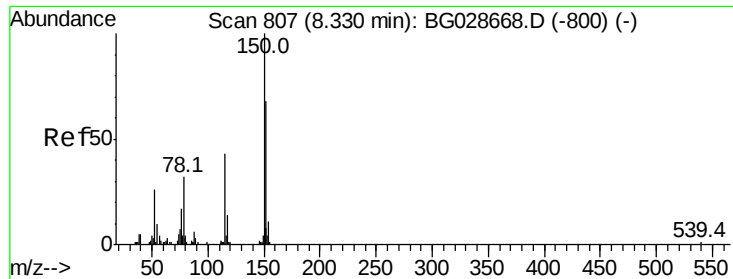
Sohil  
 9/14/2017 5:54:34 PM

Quant Time: Sep 14 08:57:32 2017  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 12 16:57:11 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| -----                          |       |      |          |         |       |          |
| 42) 2,4,6-Trichlorophenol      | 13.39 | 196  | 100173m  | 44.632  | nq    |          |
| 43) 2,4,5-Trichlorophenol      | 13.47 | 196  | 108686   | 48.191  | nq    | # 91     |
| 45) 1,1'-Biphenyl              | 13.77 | 154  | 281076   | 39.472  | nq    | 94       |
| 46) 2-Chloronaphthalene        | 13.83 | 162  | 225810   | 43.476  | nq    | 98       |
| 47) 2-Nitroaniline             | 14.03 | 65   | 96249    | 49.862  | nq    | # 88     |
| 48) Acenaphthylene             | 14.67 | 152  | 380412   | 45.844  | nq    | 97       |
| 49) Dimethylphthalate          | 14.38 | 163  | 348050   | 48.259  | nq    | 97       |
| 50) 2,6-Dinitrotoluene         | 14.51 | 165  | 78294    | 48.788  | nq    | # 81     |
| 51) Acenaphthene               | 15.01 | 154  | 227975   | 45.227  | nq    | 90       |
| 52) 3-Nitroaniline             | 14.85 | 138  | 35201    | 24.805  | nq    | 90       |
| 53) 2,4-Dinitrophenol          | 15.07 | 184  | 85244    | 98.728  | nq    | 98       |
| 54) Dibenzofuran               | 15.34 | 168  | 398894   | 49.623  | nq    | 96       |
| 55) 4-Nitrophenol              | 15.16 | 139  | 113627   | 109.285 | nq    | # 76     |
| 56) 2,4-Dinitrotoluene         | 15.31 | 165  | 116893   | 51.804  | nq    | # 88     |
| 57) Fluorene                   | 15.99 | 166  | 355485   | 49.535  | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.57 | 232  | 115760   | 58.239  | nq    | # 92     |
| 59) Diethylphthalate           | 15.74 | 149  | 377139   | 50.886  | nq    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.97 | 204  | 199372   | 48.788  | nq    | 89       |
| 61) 4-Nitroaniline             | 16.02 | 138  | 78325    | 52.097  | nq    | 89       |
| 62) Azobenzene                 | 16.26 | 77   | 342151   | 54.891  | nq    | 91       |
| 64) 4,6-Dinitro-2-methylphenol | 16.08 | 198  | 72388    | 45.919  | nq    | 94       |
| 65) n-Nitrosodiphenylamine     | 16.19 | 169  | 321155   | 45.856  | nq    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.86 | 248  | 145049   | 46.141  | nq    | 100      |
| 67) Hexachlorobenzene          | 17.00 | 284  | 155860   | 43.562  | nq    | # 85     |
| 68) Atrazine                   | 17.13 | 200  | 144850   | 48.169  | nq    | 99       |
| 69) Pentachlorophenol          | 17.35 | 266  | 156297   | 96.685  | nq    | 99       |
| 70) Phenanthrene               | 17.74 | 178  | 615802   | 49.290  | nq    | 94       |
| 71) Anthracene                 | 17.83 | 178  | 623091   | 49.371  | nq    | 98       |
| 72) Carbazole                  | 18.10 | 167  | 550674   | 48.447  | nq    | # 96     |
| 73) Di-n-butylphthalate        | 18.62 | 149  | 656037   | 47.071  | nq    | # 94     |
| 74) Fluoranthene               | 19.74 | 202  | 759611   | 49.795  | nq    | 92       |
| 76) Benzidine                  | 19.91 | 184  | 203001   | 27.514  | nq    | 98       |
| 77) Pyrene                     | 20.09 | 202  | 782888   | 47.705  | nq    | 96       |
| 79) Butylbenzylphthalate       | 20.96 | 149  | 305964   | 46.163  | nq    | 93       |
| 80) Benzo(a)anthracene         | 22.00 | 228  | 819097   | 47.828  | nq    | 94       |
| 81) 3,3'-Dichlorobenzidine     | 21.90 | 252  | 196911   | 28.359  | nq    | # 97     |
| 82) Chrysene                   | 22.07 | 228  | 764973   | 47.076  | nq    | 95       |
| 83) Bis(2-ethylhexyl)phthalate | 21.86 | 149  | 428065   | 45.429  | nq    | 99       |
| 84) Di-n-octyl phthalate       | 23.16 | 149  | 738756   | 44.874  | nq    | # 89     |
| 85) Indeno(1,2,3-cd)pyrene     | 29.56 | 276  | 978301   | 46.857  | nq    | # 74     |
| 87) Benzo(b)fluoranthene       | 24.41 | 252  | 825857   | 47.925  | nq    | 99       |
| 88) Benzo(k)fluoranthene       | 24.48 | 252  | 825658   | 47.967  | nq    | 93       |
| 89) Benzo(a)pyrene             | 25.36 | 252  | 799547   | 48.882  | nq    | 96       |
| 90) Dibenzo(a,h)anthracene     | 29.61 | 278  | 829262   | 48.628  | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 30.81 | 276  | 798581   | 47.994  | nq    | 100      |
| -----                          |       |      |          |         |       |          |

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





#1

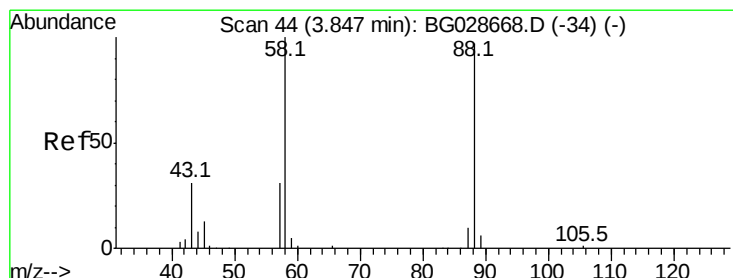
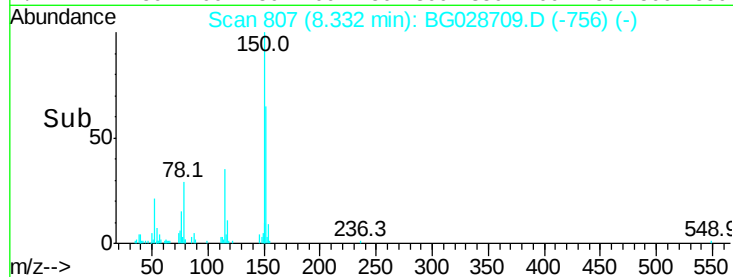
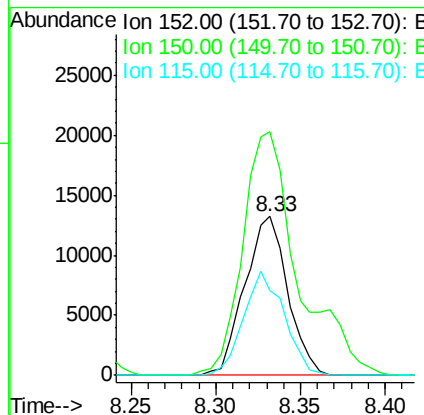
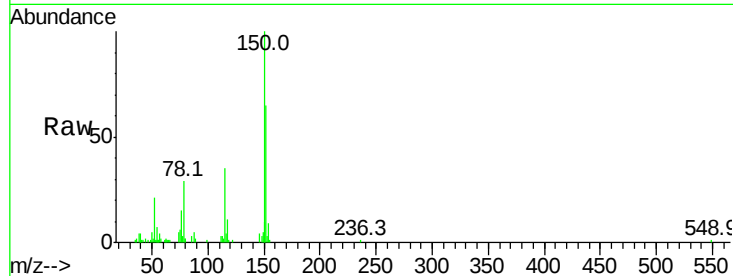
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.33 min Scan# 807  
Delta R.T. 0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampled :  
PB102294BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.2 | 114.0 | 171.0 |
| 115     | 53.0  | 48.1  | 72.1  |

Manual Integrations  
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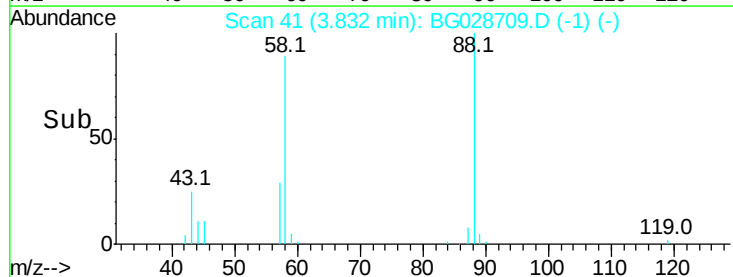
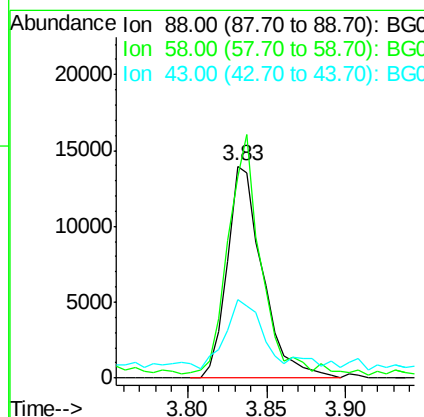
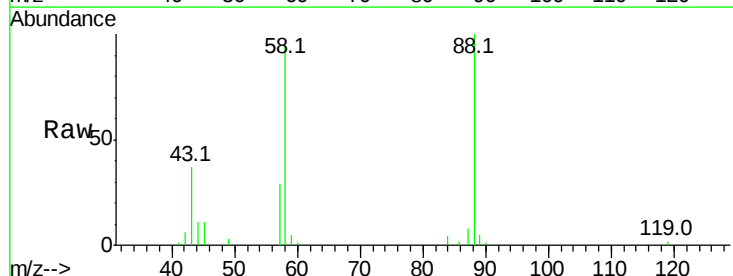
Sohil  
9/14/2017 5:54:34 PM

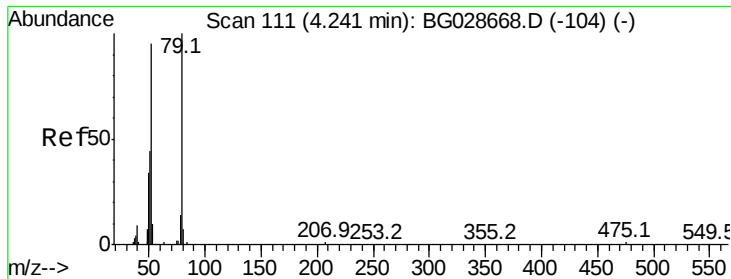


#2

1,4-Dioxane  
Concen: 37.783 ng  
RT: 3.83 min Scan# 41  
Delta R.T. -0.02 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 106.7 | 79.4  | 119.2 |
| 43      | 32.9  | 33.8  | 50.6# |





#3

Pvridine

Concen: 40.938 ng

RT: 4.23 min Scan# 108

Delta R.T. -0.02 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

Instrument :

BNA\_G

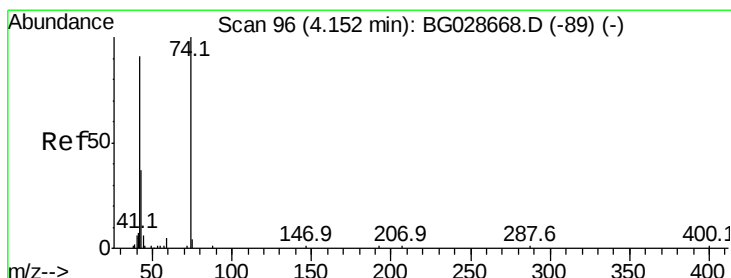
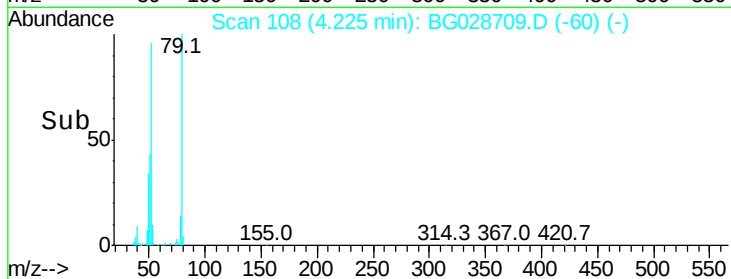
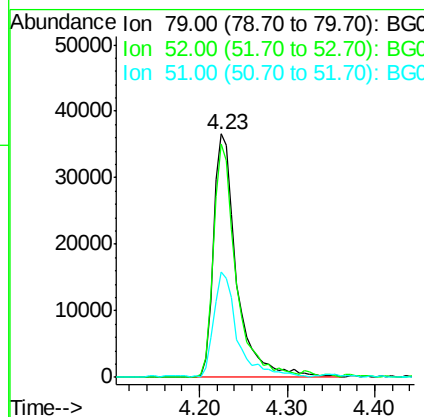
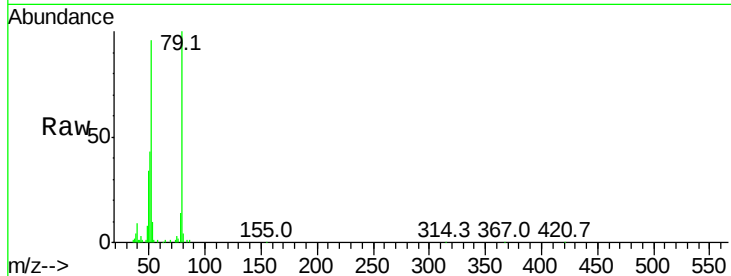
ClientSampleId :

PB102294BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 67036 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 52        | 95.6  | 77.8  | 116.6 |
| 51        | 43.2  | 43.2  | 64.8  |

Manual Integrations  
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9/14/2017 5:54:34 PM



#4

n-Nitrosodimethylamine

Concen: 46.281 ng

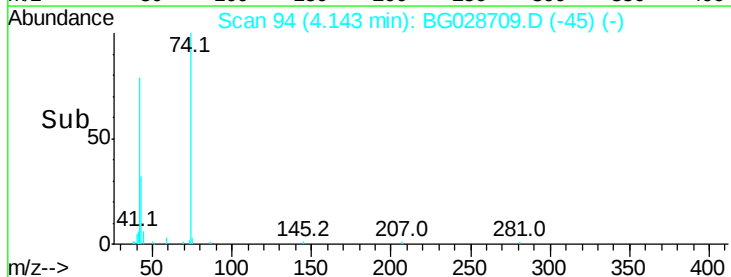
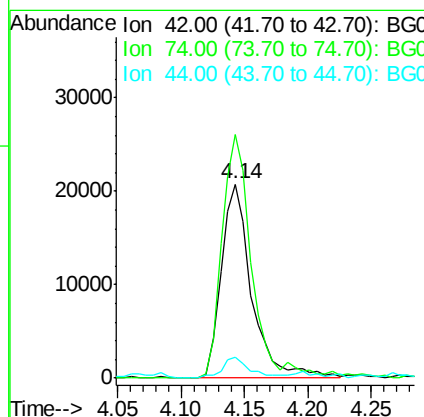
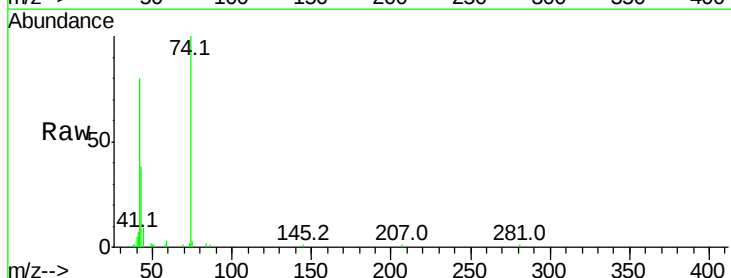
RT: 4.14 min Scan# 94

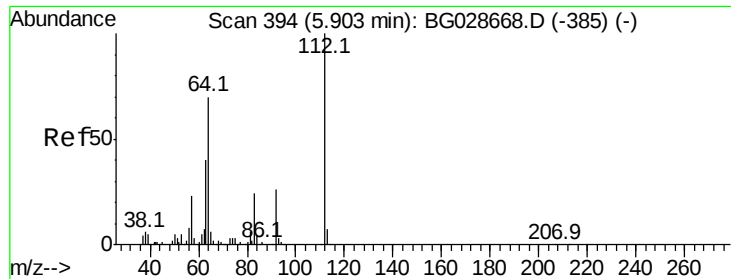
Delta R.T. -0.01 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 34474  |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 74        | 125.7 | 76.7  | 115.1# |
| 44        | 11.0  | 6.1   | 9.1#   |





#5

2-Fluorophenol

Concen: 167.247 ng

RT: 5.90 min Scan# 393

Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

Instrument :

BNA\_G

ClientSampleId :

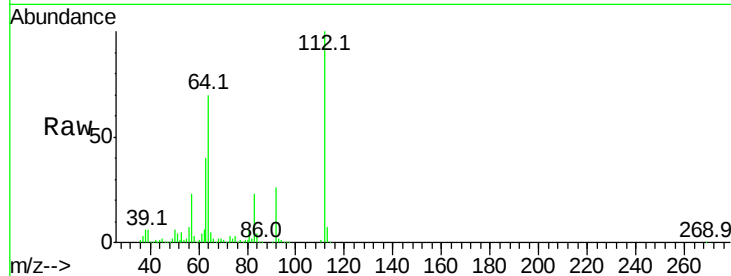
PB102294BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 237078 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 70.3  | 61.8  | 92.6   |
| 63        | 39.7  | 37.2  | 55.8   |

Manual Integrations  
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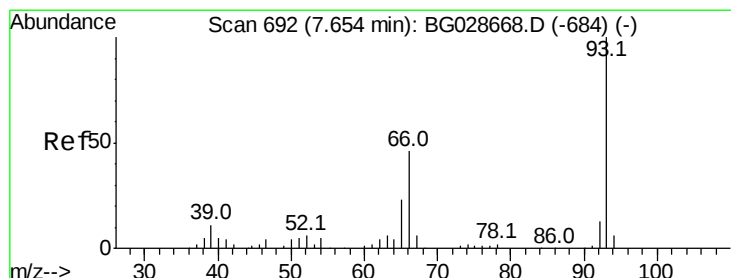
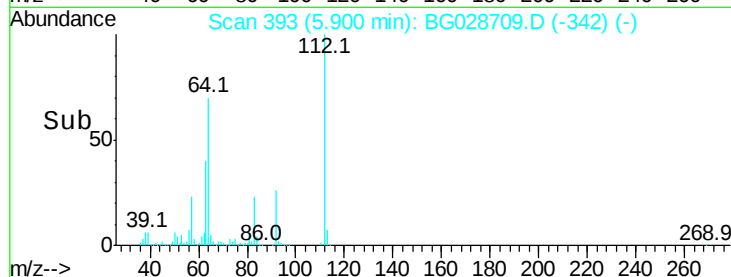
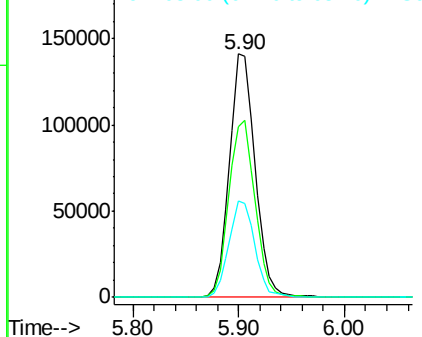
9/14/2017 5:54:34 PM



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.310 ng

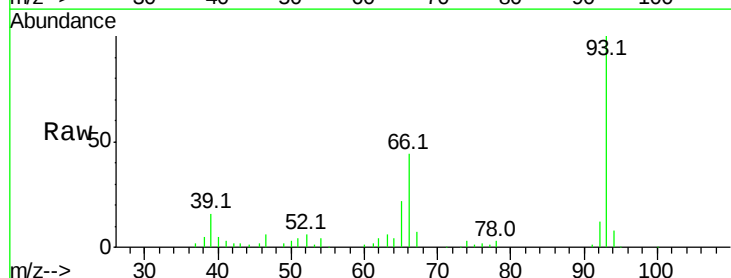
RT: 7.66 min Scan# 692

Delta R.T. 0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

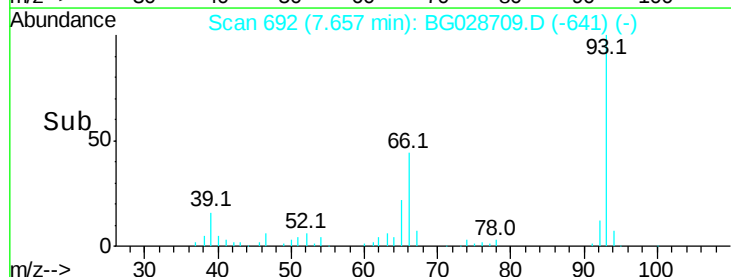
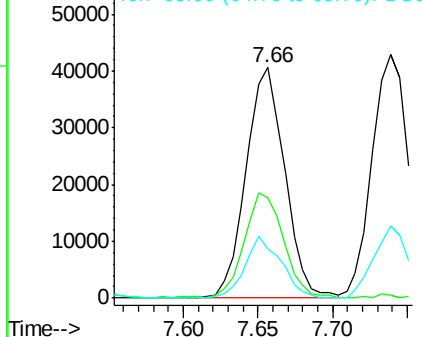
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 72804 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 43.7  | 35.4  | 53.2  |
| 65        | 21.5  | 21.2  | 31.8  |

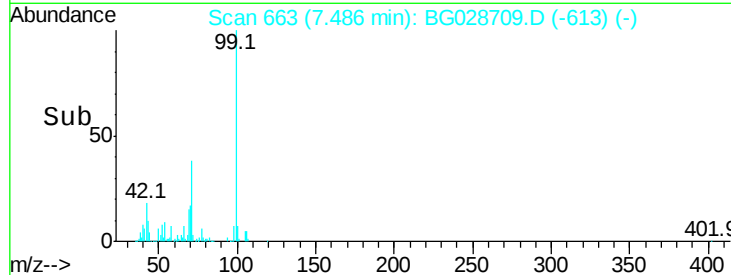
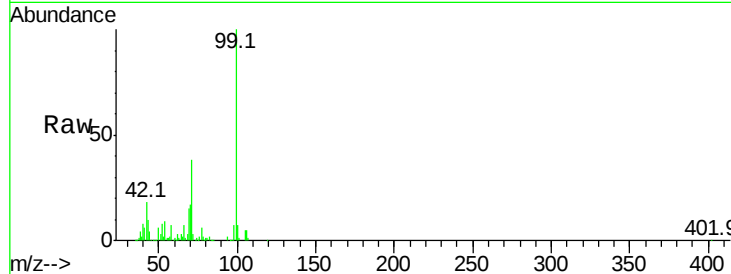
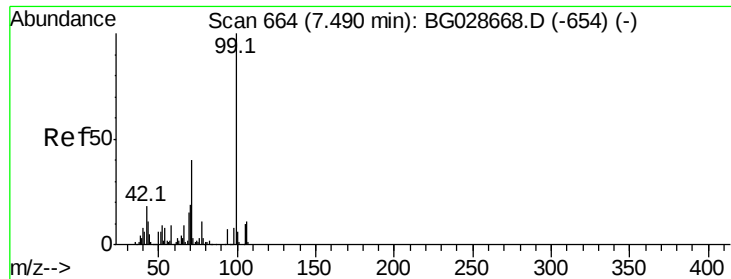


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 162.142 ng

RT: 7.49 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 99      | 100  |       | 346055 |       |       |
| 42      | 18.1 | 20.5  | 30.7#  |       |       |
| 71      | 37.6 | 37.6  | 56.4   |       |       |

Instrument :

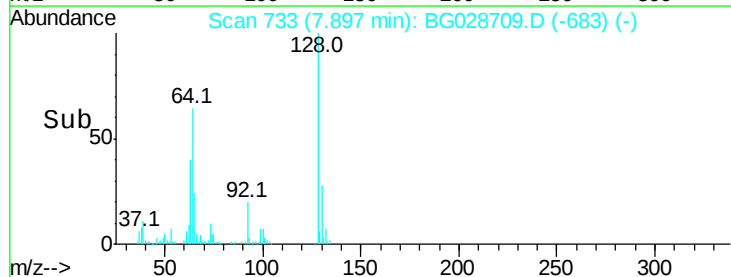
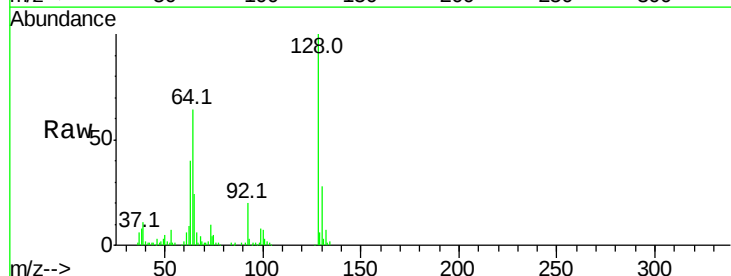
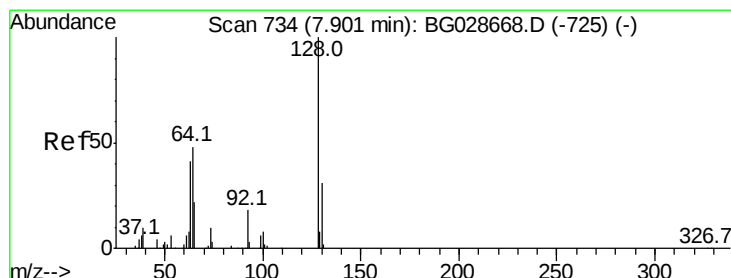
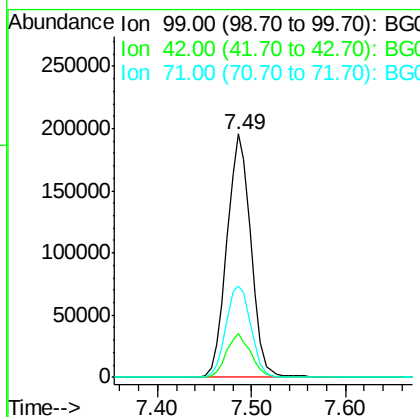
BNA\_G

ClientSampleId :

PB102294BS

Manual Integrations  
APPROVED

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9/14/2017 5:54:34 PM



#8

2-Chlorophenol

Concen: 51.972 ng

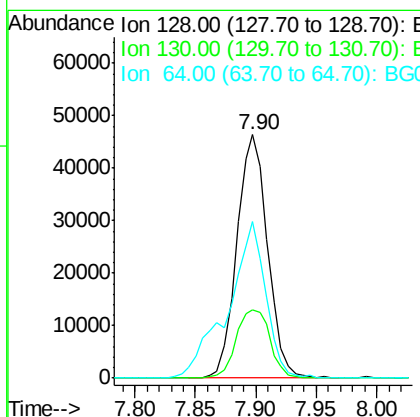
RT: 7.90 min Scan# 733

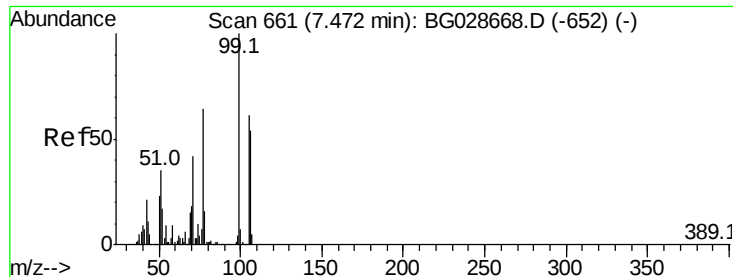
Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 128     | 100  |       | 82127 |       |       |
| 130     | 27.9 | 11.4  | 51.4  |       |       |
| 64      | 64.1 | 46.6  | 86.6  |       |       |





#9

Benzaldehyde

Concen: 36.823 ng

RT: 7.47 min Scan# 661

Delta R.T. 0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

Instrument :

BNA\_G

ClientSampleId :

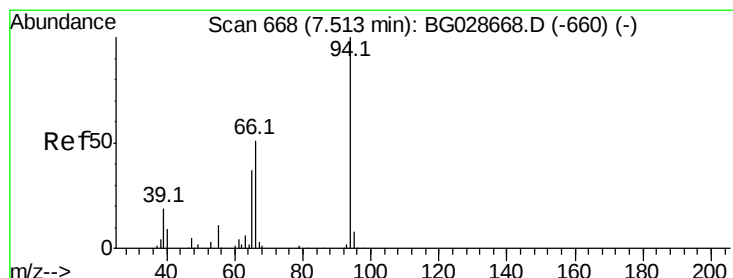
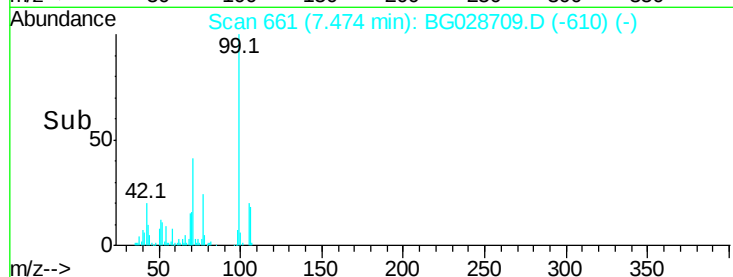
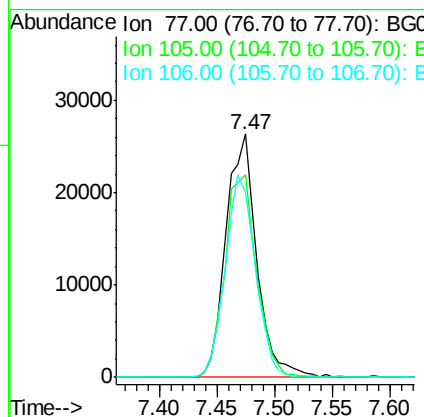
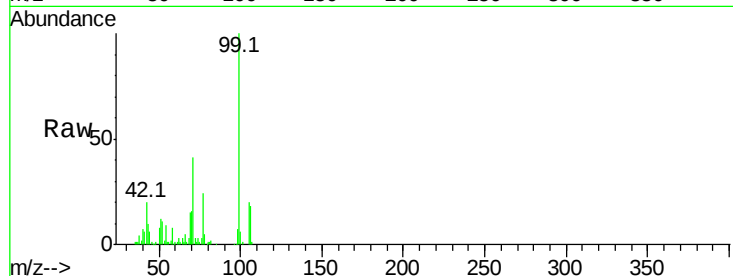
PB102294BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 48759 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 83.4  | 60.9  | 100.9 |
| 106      | 76.1  | 55.1  | 95.1  |

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#10

Phenol

Concen: 52.853 ng

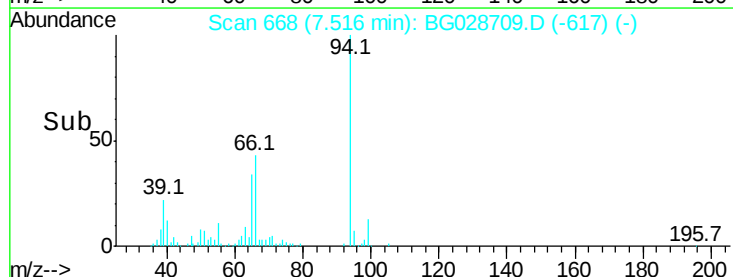
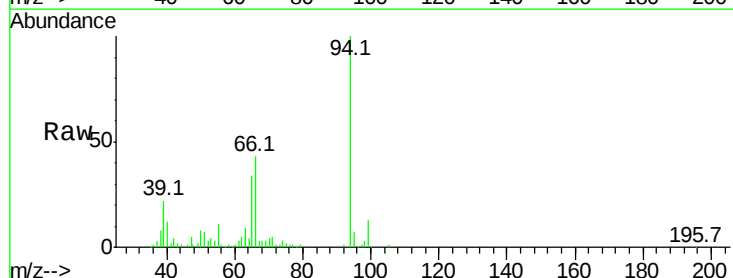
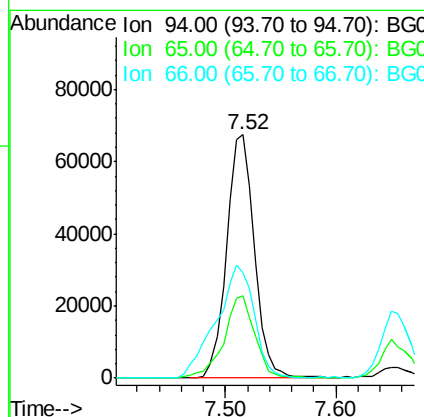
RT: 7.52 min Scan# 668

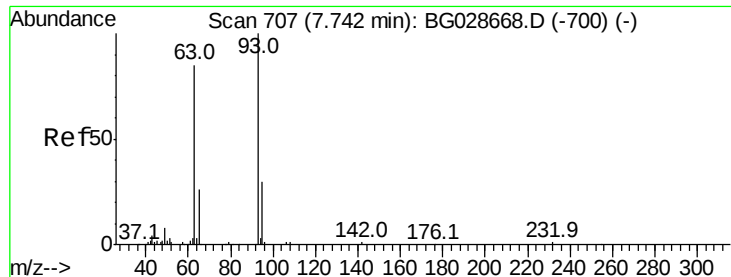
Delta R.T. 0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 94    | Resp: | 119047 |
| Ion      | Ratio | Lower | Upper  |
| 94       | 100   |       |        |
| 65       | 33.9  | 20.6  | 60.6   |
| 66       | 43.3  | 35.5  | 75.5   |





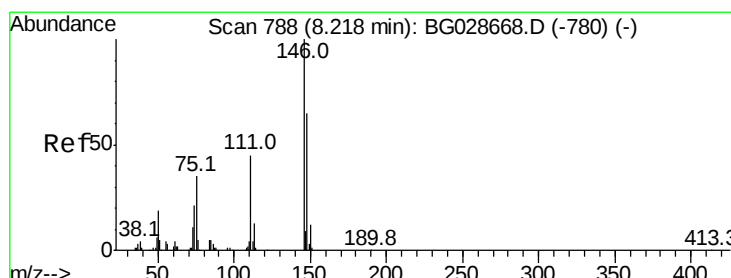
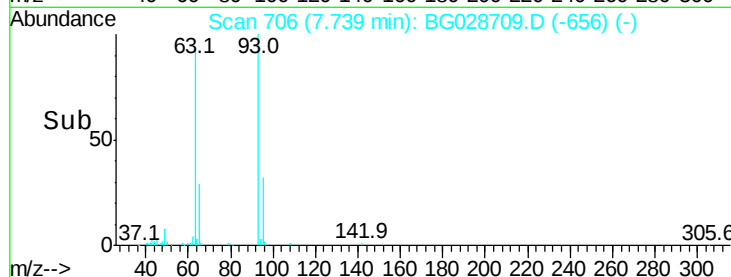
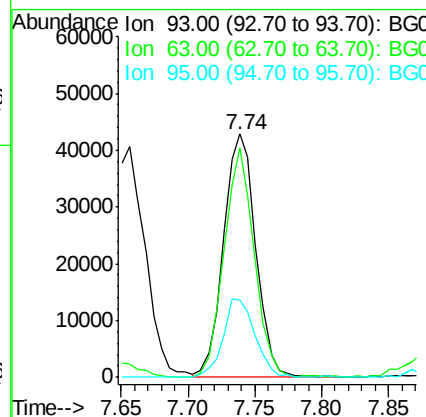
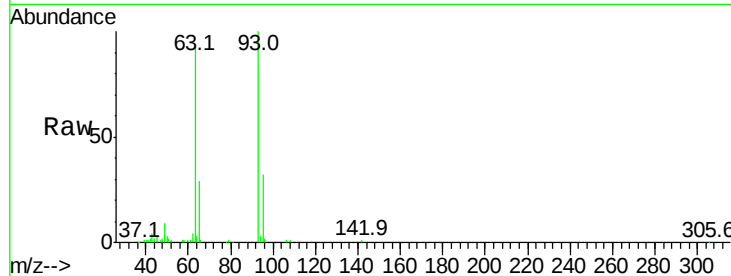
#11  
bis(2-Chloroethyl)ether  
Concen: 44.935 ng  
RT: 7.74 min Scan# 706  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | 93    | Resp  | 72666 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 93      | 100   |       |       |
| 63      | 94.4  | 78.5  | 118.5 |
| 95      | 31.8  | 9.8   | 49.8  |

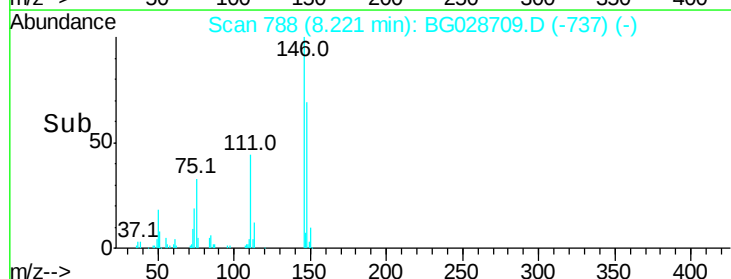
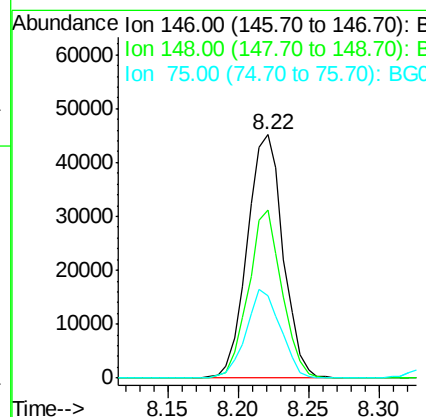
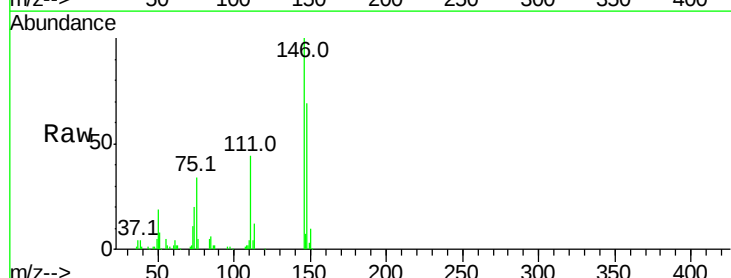
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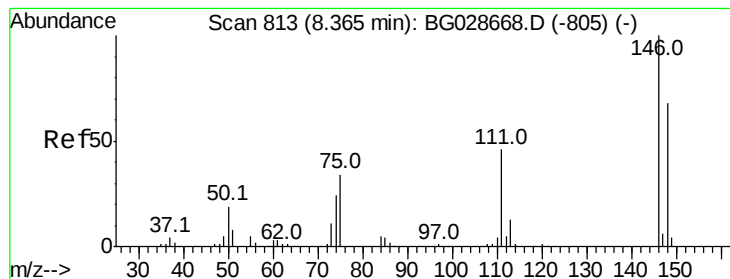
Sohil  
9/14/2017 5:54:34 PM



#12  
1,3-Dichlorobenzene  
Concen: 47.140 ng  
RT: 8.22 min Scan# 788  
Delta R.T. 0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | 146   | Resp  | 80212 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 146     | 100   |       |       |
| 148     | 68.8  | 49.2  | 73.8  |
| 75      | 33.9  | 33.4  | 50.2  |





#13

1,4-Dichlorobenzene

Concen: 45.688 ng

RT: 8.36 min Scan# 812

Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

Instrument :

BNA\_G

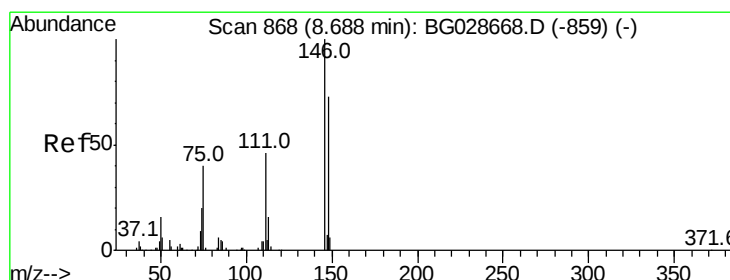
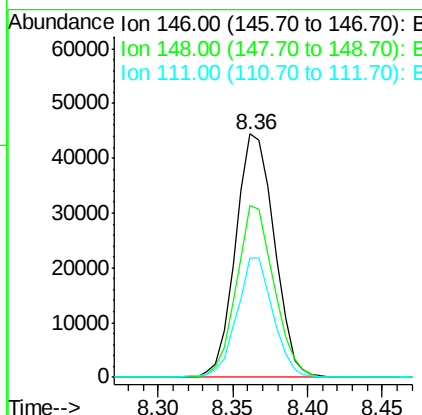
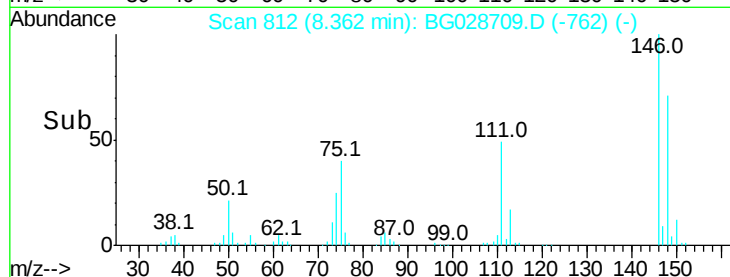
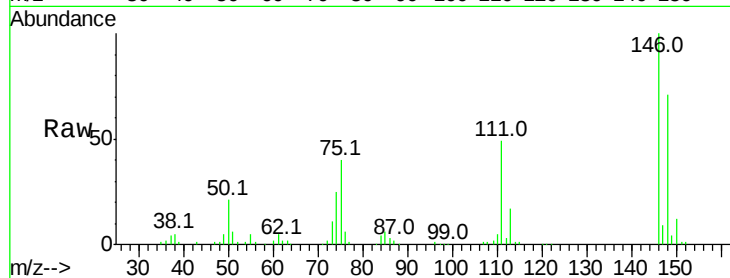
ClientSampleId :

PB102294BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 79941 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 70.5  | 52.2  | 78.2  |
| 111       | 48.8  | 37.0  | 55.6  |

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#14

1,2-Dichlorobenzene

Concen: 45.830 ng

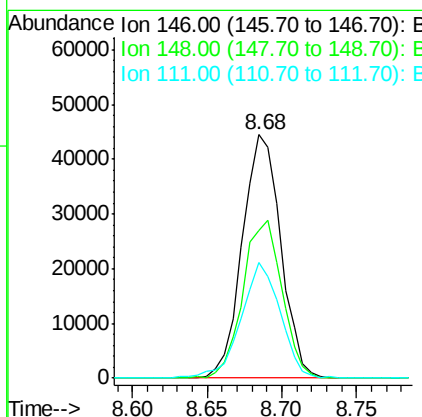
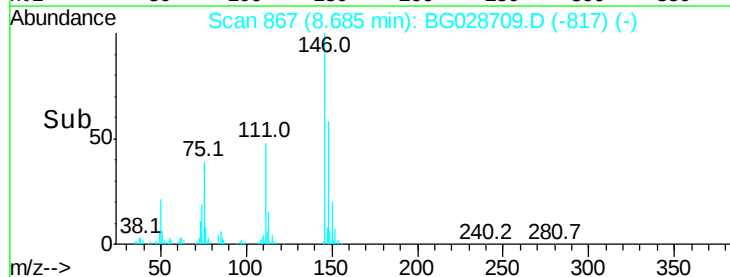
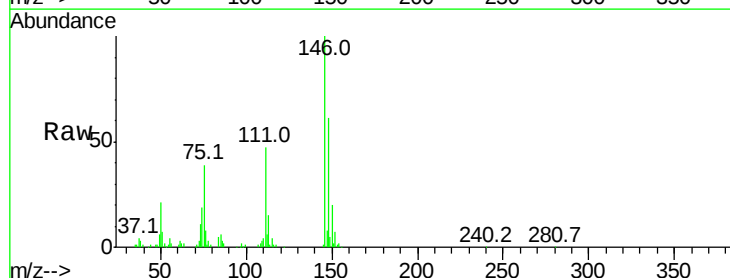
RT: 8.68 min Scan# 867

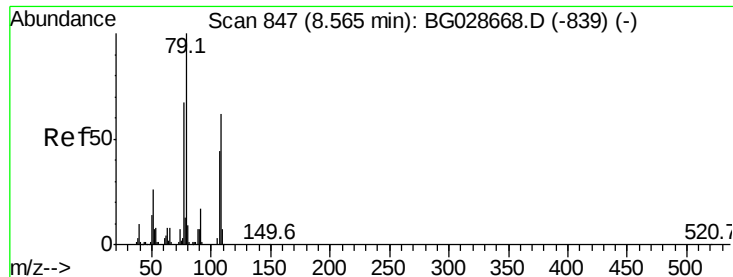
Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 79222 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 60.9  | 54.6  | 81.8  |
| 111       | 47.4  | 39.7  | 59.5  |





#15

Benzyl Alcohol

Concen: 51.594 ng

RT: 8.57 min Scan# 847

Delta R.T. 0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

Instrument :

BNA\_G

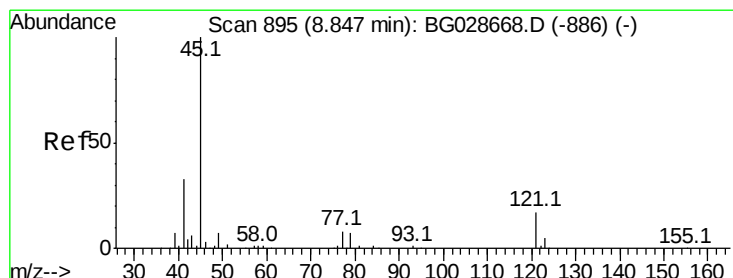
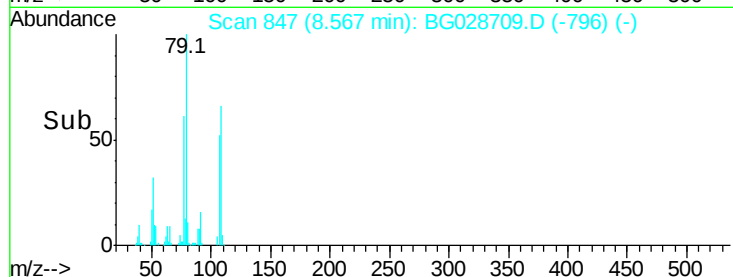
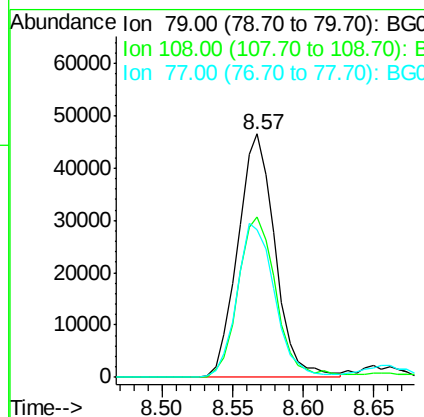
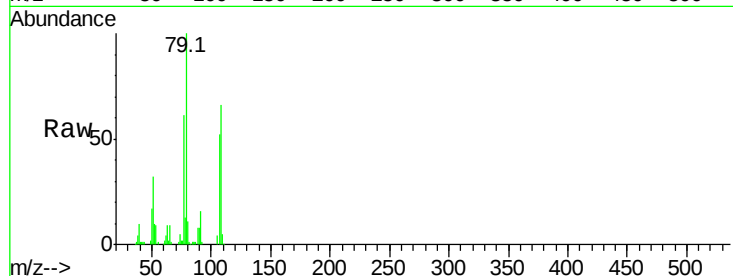
ClientSampleId :

PB102294BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 85960 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 65.8  | 45.5  | 68.3  |
| 77        | 60.6  | 54.3  | 81.5  |

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.638 ng

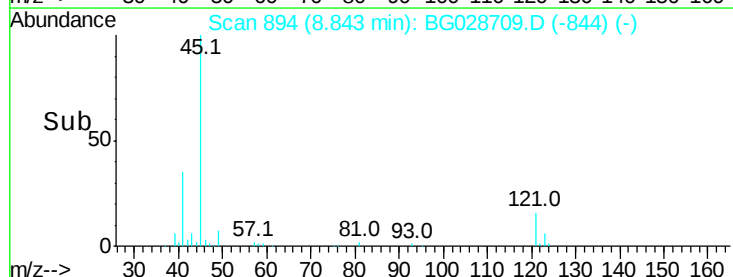
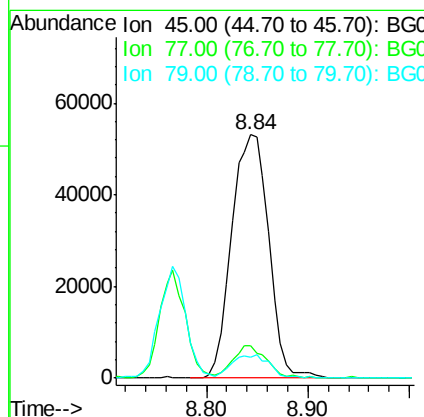
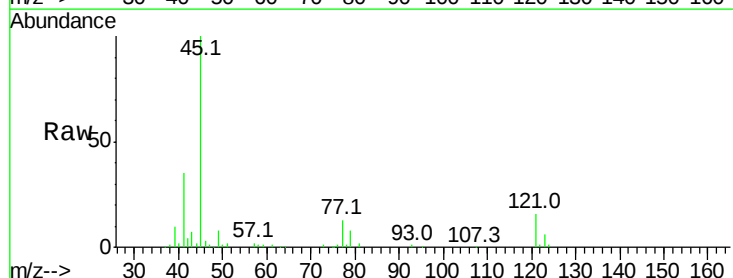
RT: 8.84 min Scan# 894

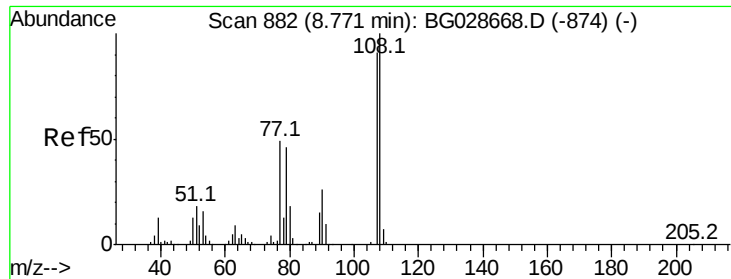
Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 134132 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 13.3  | 0.0   | 30.6   |
| 79        | 8.4   | 0.0   | 28.5   |





#17

2-Methylphenol

Concen: 52.094 ng

RT: 8.77 min Scan# 881

Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

Instrument :

BNA\_G

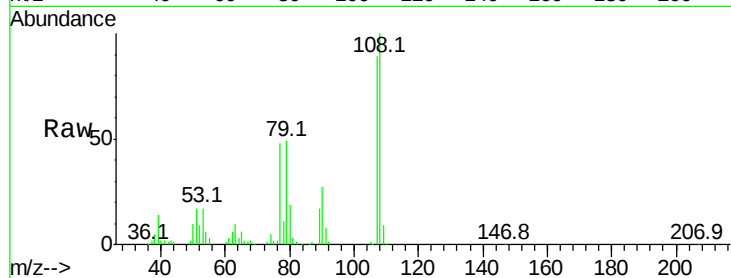
ClientSampleId :

PB102294BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 107     | 100   |      |       |       |
| 108     | 112.1 | 85.6 | 128.4 |       |
| 77      | 53.8  | 51.4 | 77.2  |       |
| 79      | 55.4  | 49.2 | 73.8  |       |

Manual Integrations  
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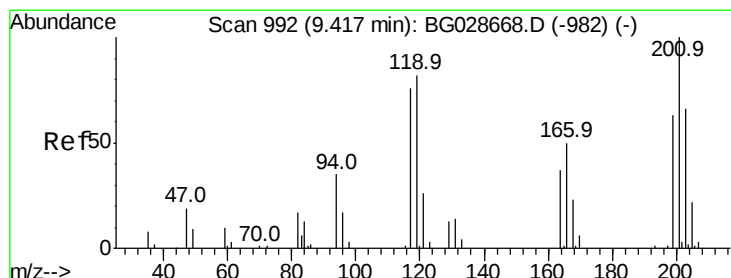
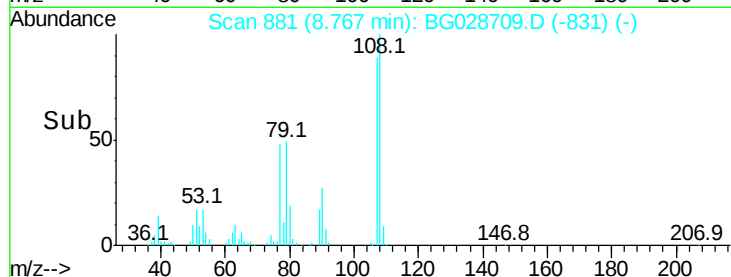
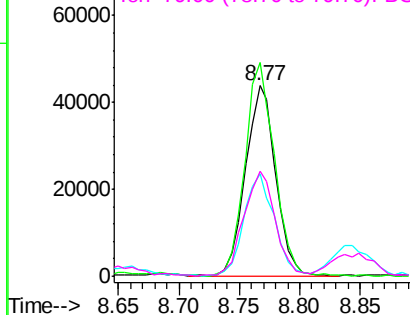


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 45.717 ng

RT: 9.41 min Scan# 991

Delta R.T. -0.00 min

Lab File: BG028709.D

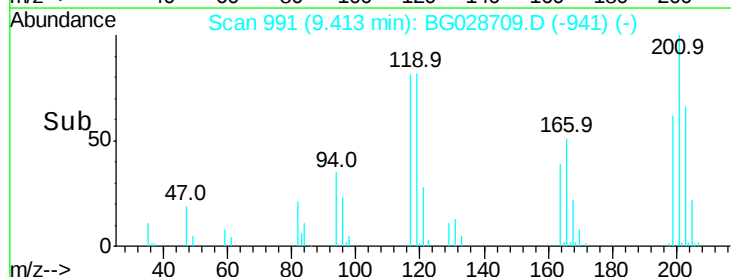
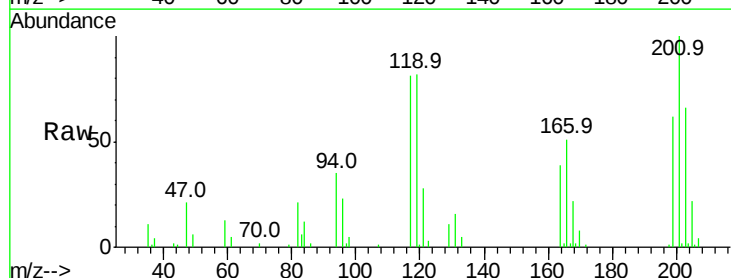
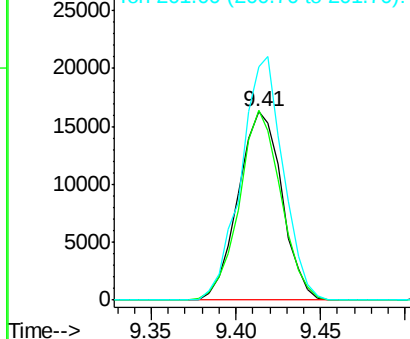
Acq: 13 Sep 2017 22:03

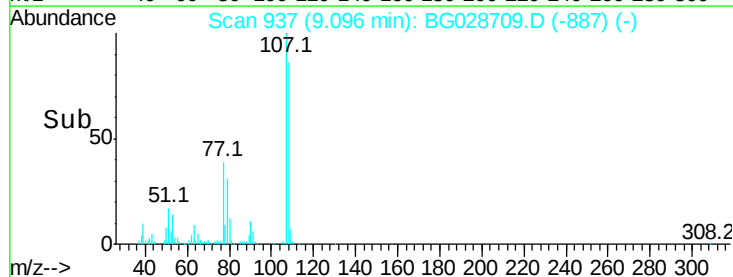
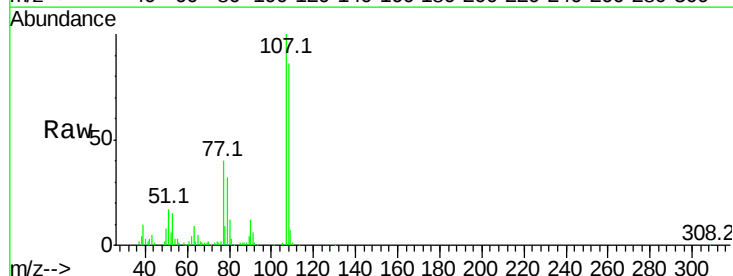
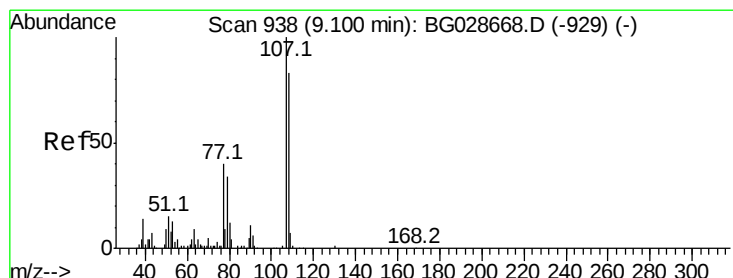
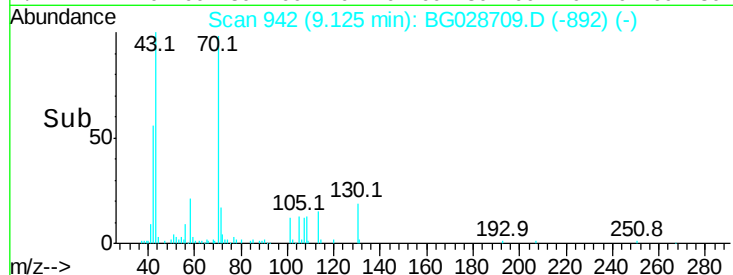
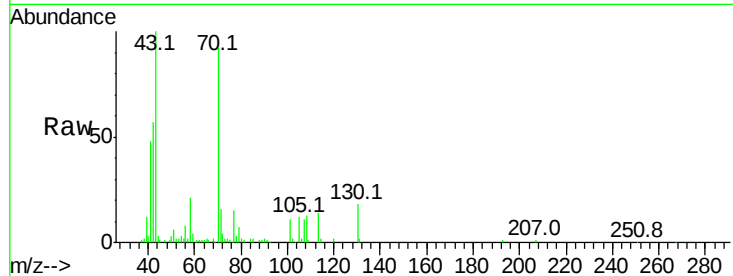
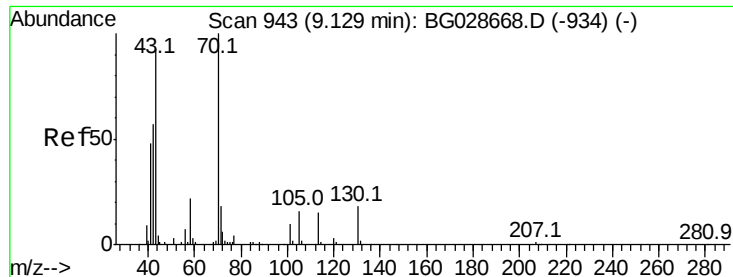
| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 119     | 102.2 | 69.8 | 104.6 |       |
| 201     | 126.2 | 95.4 | 143.0 |       |

Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





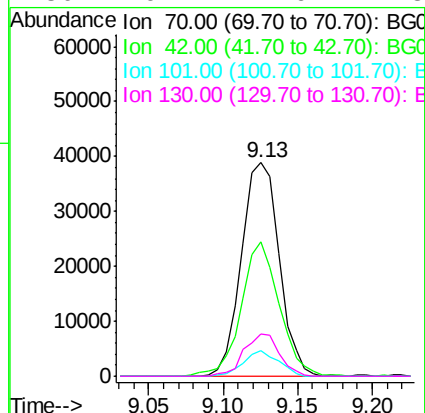
#19  
n-Nitroso-di-n-propylamine  
Concen: 45.034 ng  
RT: 9.13 min Scan# 942  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 62.7  | 56.1  | 84.1  |
| 101     | 11.8  | 7.5   | 11.3# |
| 130     | 19.7  | 14.6  | 21.8  |

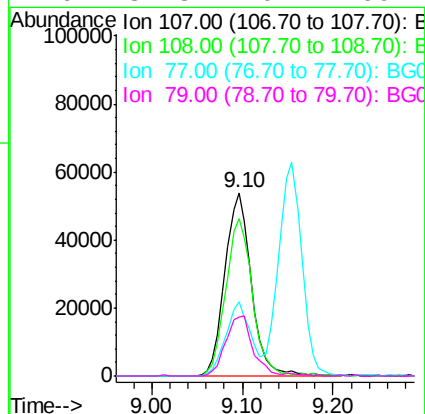
Manual Integrations  
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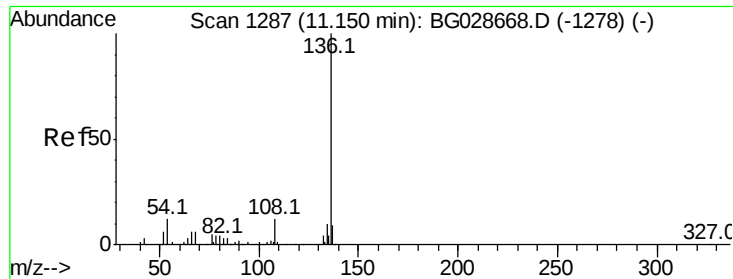
Sohil  
9/14/2017 5:54:34 PM



#20  
3+4-Methylphenols  
Concen: 53.270 ng  
RT: 9.10 min Scan# 937  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 85.9  | 70.8  | 110.8 |
| 77      | 40.1  | 25.8  | 65.8  |
| 79      | 31.8  | 20.1  | 60.1  |





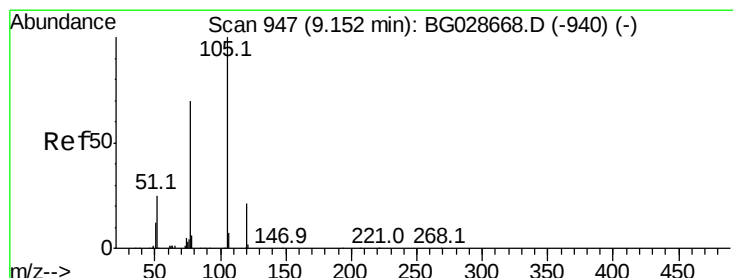
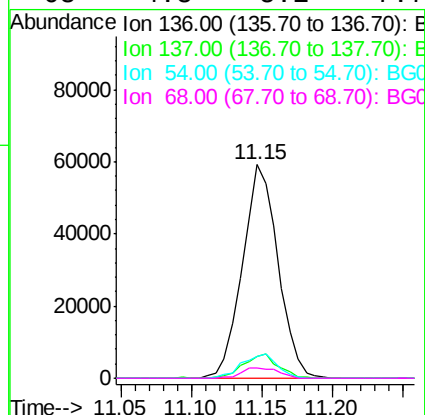
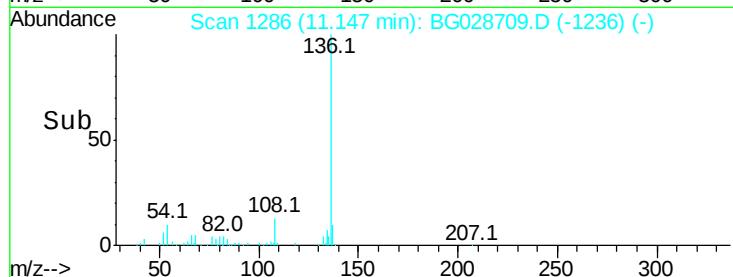
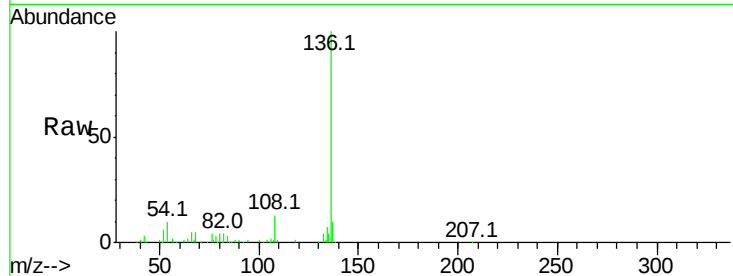
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.15 min Scan# 1286  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 104391 |       |       |
| 137     | 10.0  | 8.9    | 13.3  |       |
| 54      | 10.2  | 9.3    | 13.9  |       |
| 68      | 4.8   | 5.1    | 7.7#  |       |

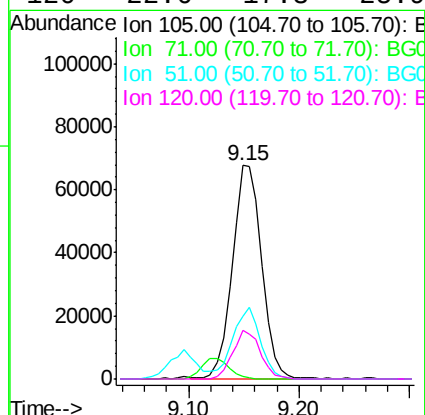
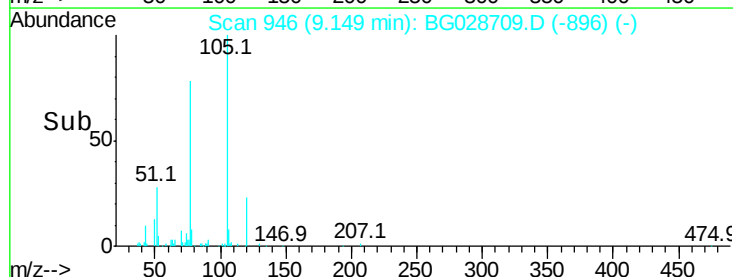
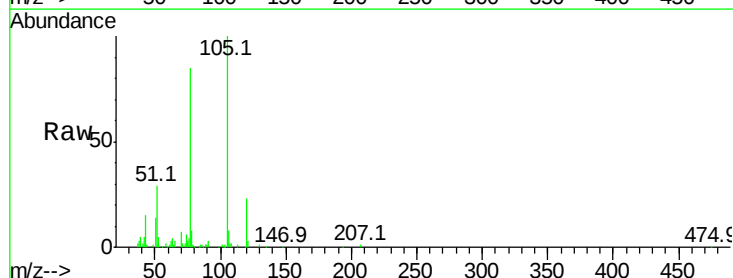
Manual Integrations  
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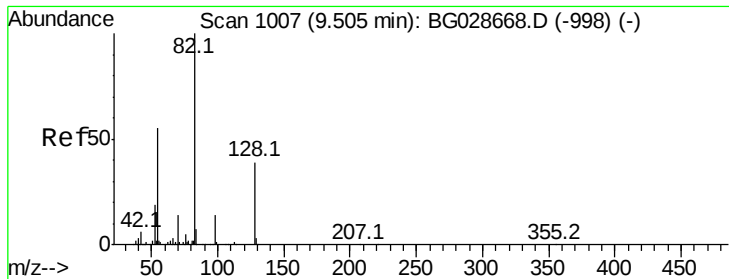
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#22  
Acetophenone  
Concen: 41.277 ng  
RT: 9.15 min Scan# 946  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 125990 |       |       |
| 71      | 1.5   | 0.9    | 1.3#  |       |
| 51      | 29.3  | 34.0   | 51.0# |       |
| 120     | 22.6  | 17.3   | 25.9  |       |





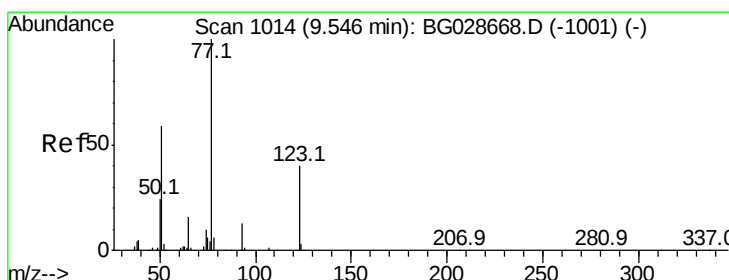
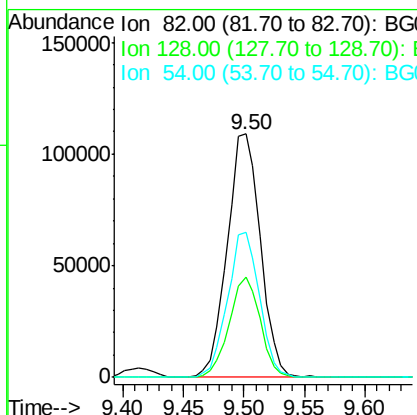
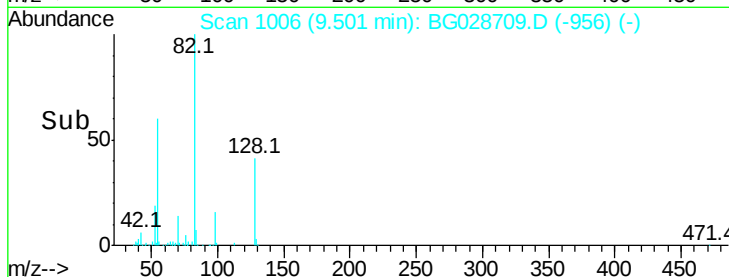
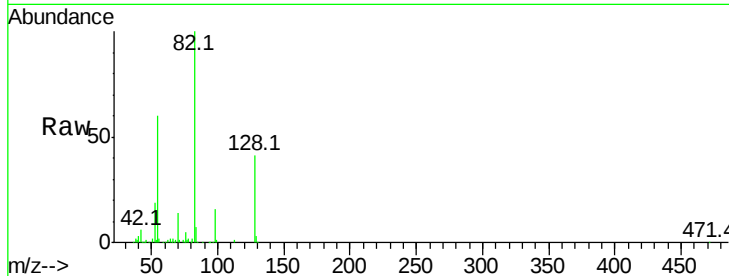
#23  
 Nitrobenzene-d5  
 Concen: 95.769 ng  
 RT: 9.50 min Scan# 1006  
 Delta R.T. -0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB102294BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 82      | 100   |            |       |
| 128     | 41.1  | 26.4       | 39.6# |
| 54      | 59.8  | 49.4       | 74.2  |

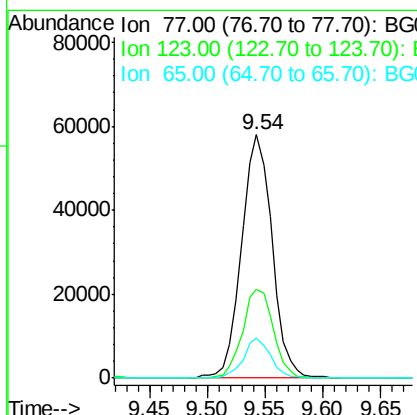
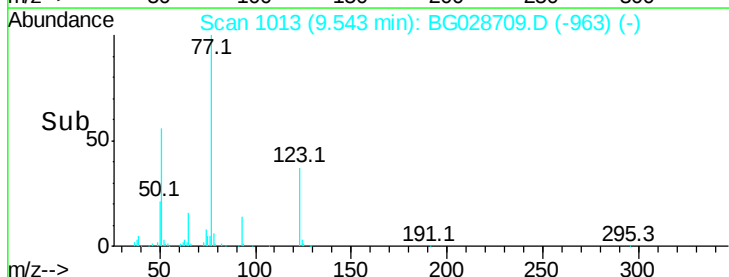
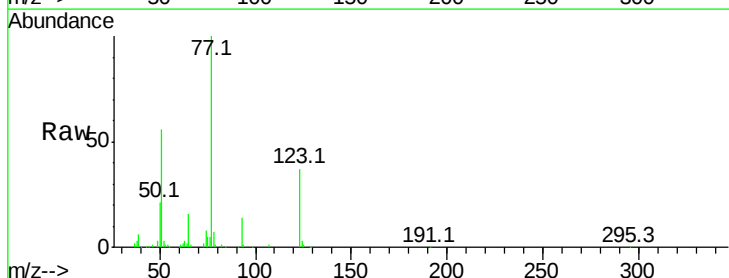
Manual Integrations  
 APPROVED

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 9/14/2017 5:54:34 PM



#24  
 Nitrobenzene  
 Concen: 44.103 ng  
 RT: 9.54 min Scan# 1013  
 Delta R.T. -0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 77      | 100   |            |       |
| 123     | 36.6  | 26.1       | 39.1  |
| 65      | 16.4  | 12.4       | 18.6  |





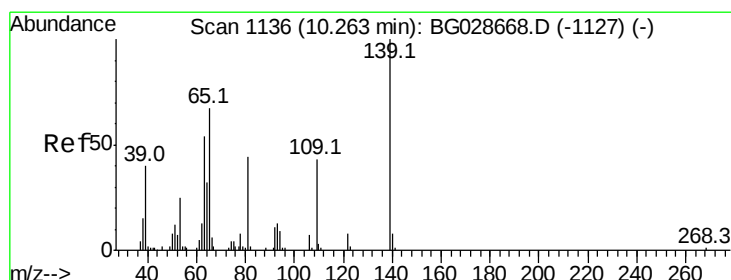
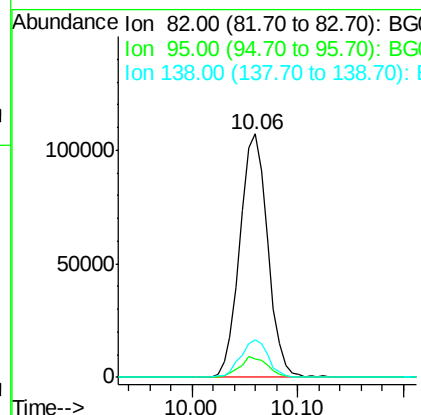
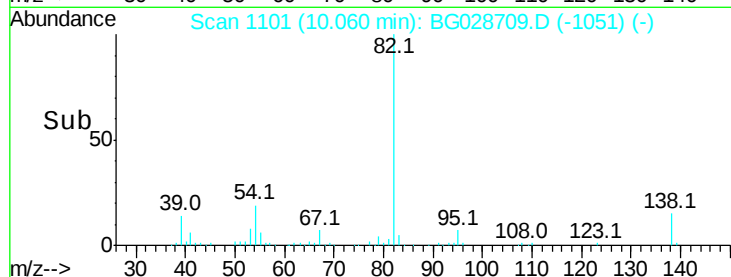
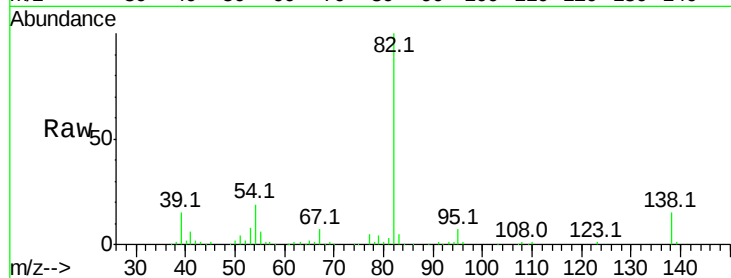
#25  
Isophorone  
Concen: 44.097 ng  
RT: 10.06 min Scan# 1101  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampled :  
PB102294BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 194711 |       |       |
| 95      | 7.5   | 7.5    | 11.3  |       |
| 138     | 15.2  | 12.3   | 18.5  |       |

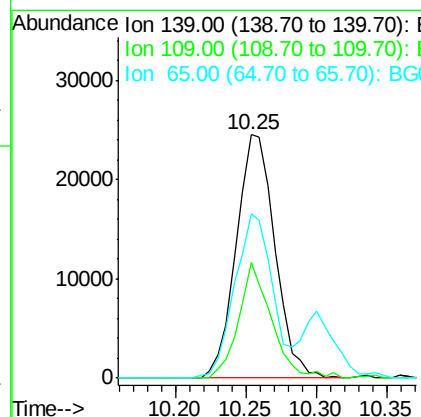
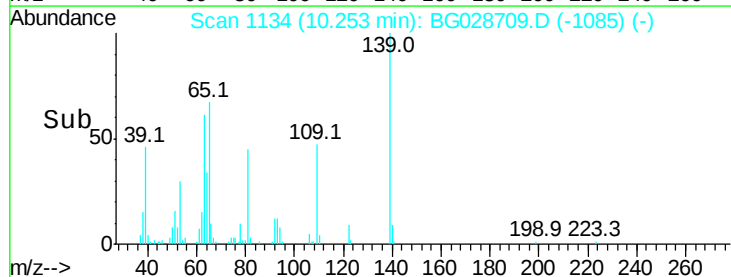
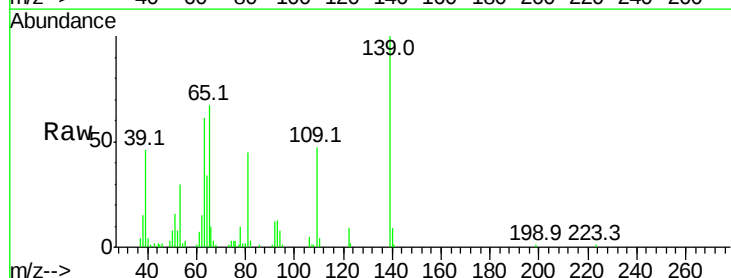
Manual Integrations  
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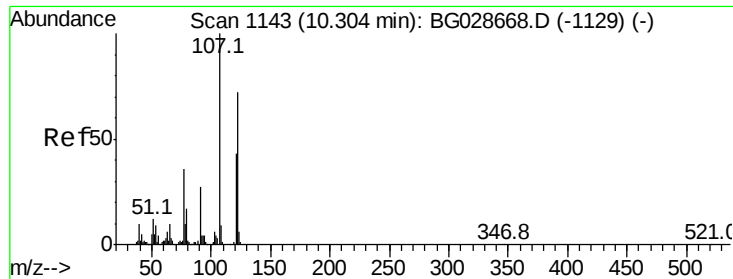
Sohil  
9/14/2017 5:54:34 PM



#26  
2-Nitrophenol  
Concen: 45.651 ng  
RT: 10.25 min Scan# 1134  
Delta R.T. -0.01 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 46949 |       |       |
| 109     | 47.2  | 38.6  | 58.0  |       |
| 65      | 67.4  | 57.1  | 85.7  |       |





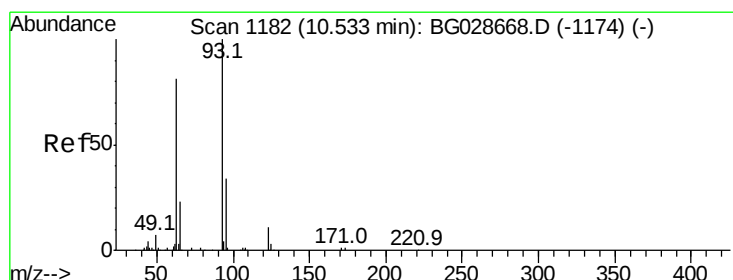
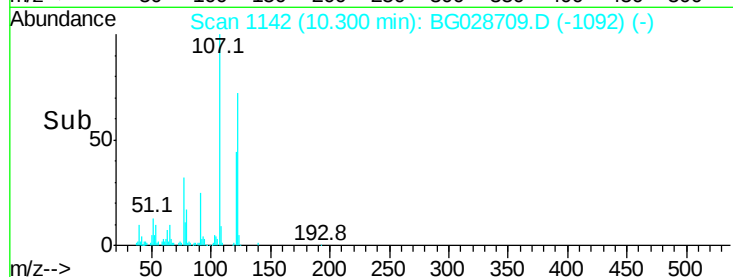
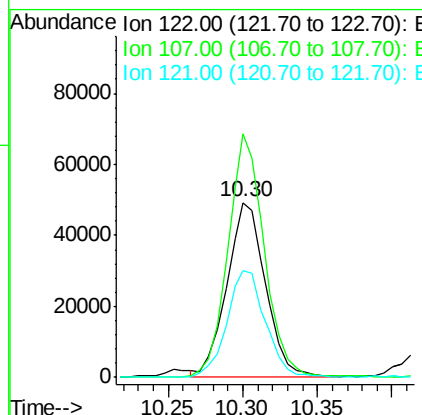
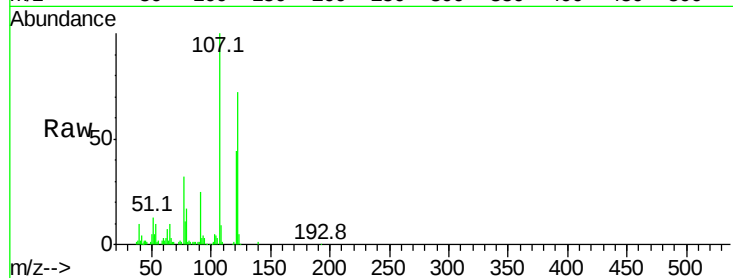
#27  
2,4-Dimethylphenol  
Concen: 47.508 ng  
RT: 10.30 min Scan# 1142  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 139.2 | 104.2 | 156.4 |
| 121     | 61.2  | 46.0  | 69.0  |

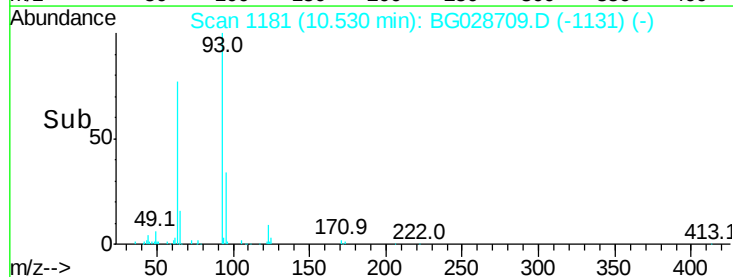
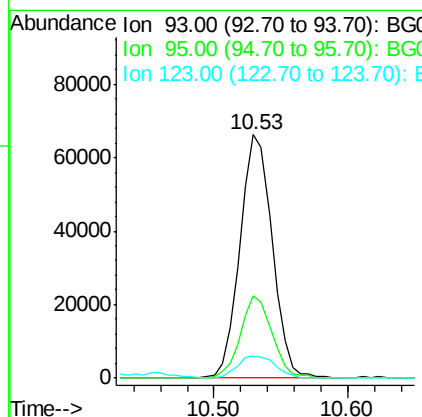
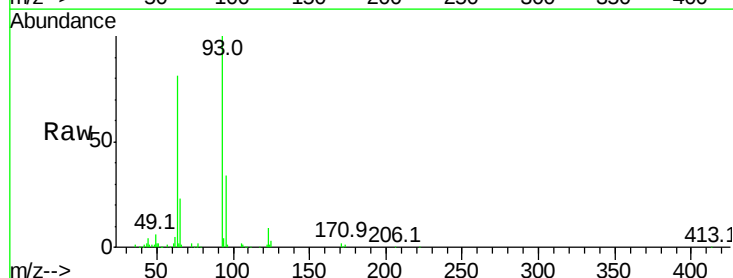
Manual Integrations  
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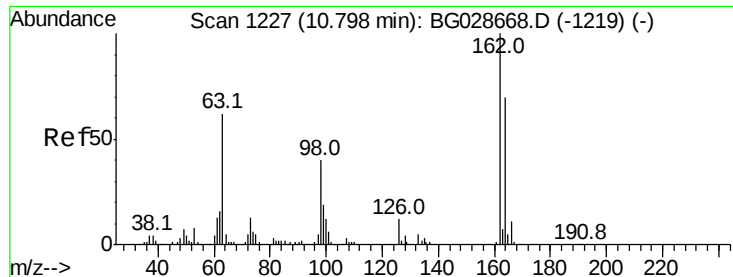
Sohil  
9/14/2017 5:54:34 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 46.187 ng  
RT: 10.53 min Scan# 1181  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.8  | 25.7  | 38.5  |
| 123     | 9.0   | 8.3   | 12.5  |





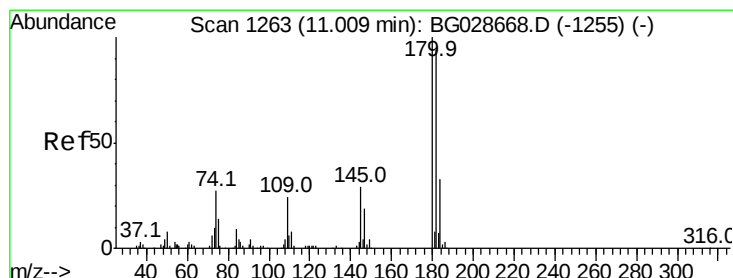
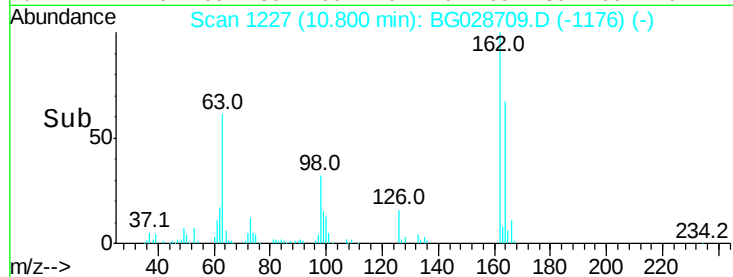
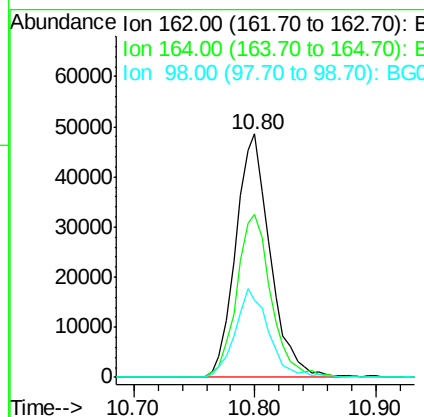
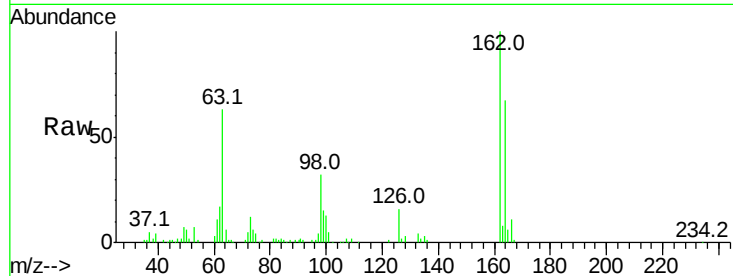
#29  
 2,4-Dichlorophenol  
 Concen: 51.526 ng  
 RT: 10.80 min Scan# 1227  
 Delta R.T. 0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102294BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 67.0  | 42.4  | 82.4  |
| 98      | 31.8  | 20.3  | 60.3  |

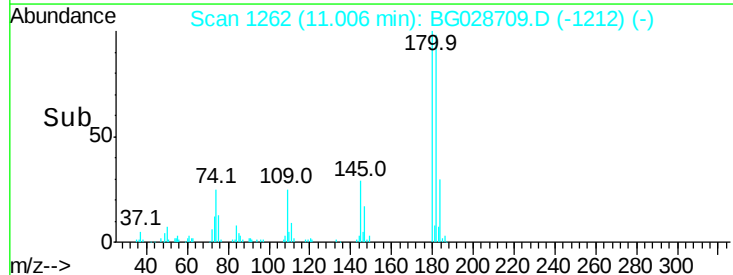
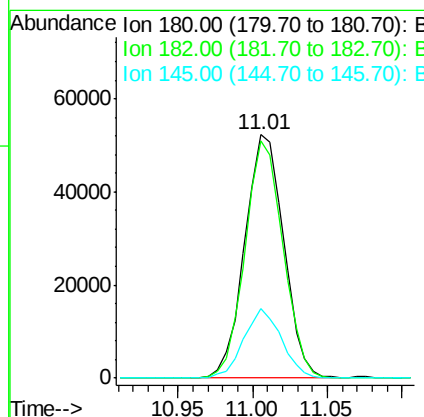
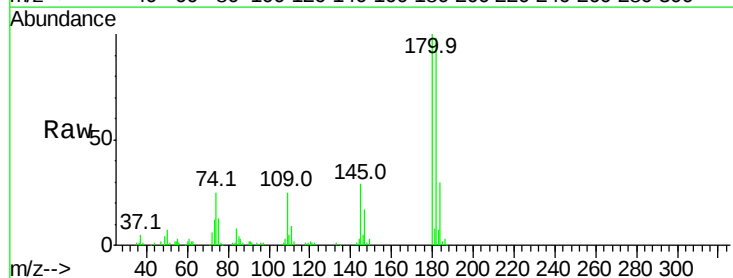
Manual Integrations  
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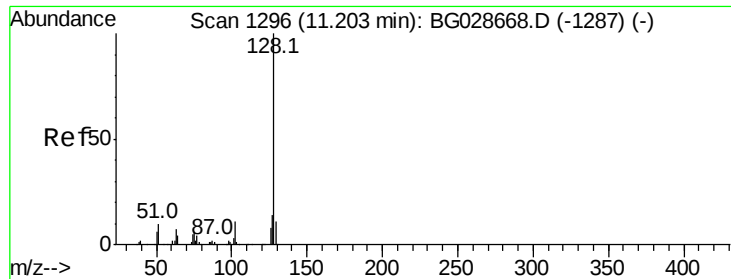
Sohil  
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 44.304 ng  
 RT: 11.01 min Scan# 1262  
 Delta R.T. -0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.5  | 77.0  | 115.4 |
| 145     | 28.5  | 23.4  | 35.0  |





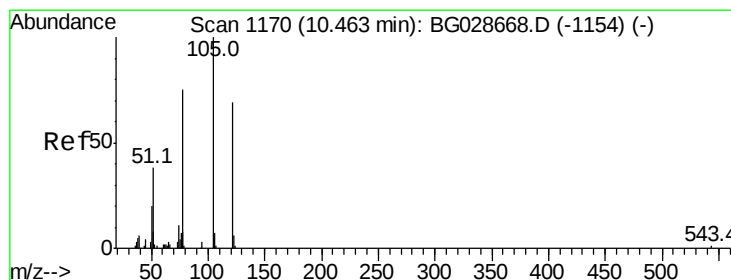
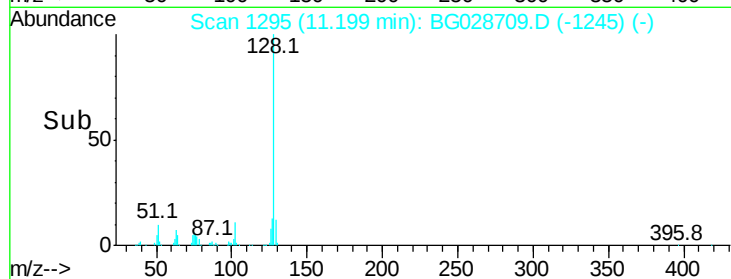
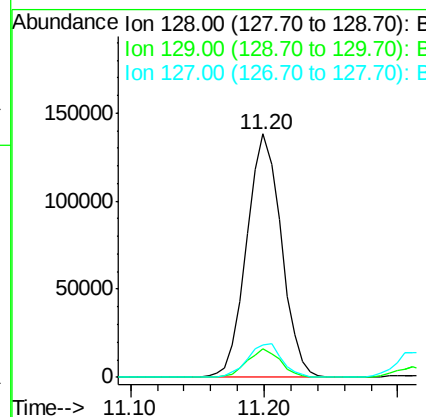
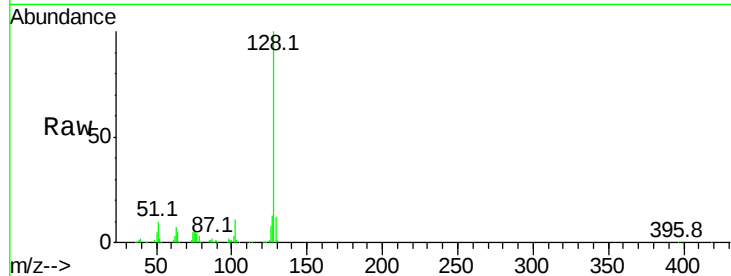
#31  
Naphthalene  
Concen: 45.331 ng  
RT: 11.20 min Scan# 1295  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 247153 |       |       |
| 129     | 11.9  |        | 9.3   | 13.9  |
| 127     | 13.3  |        | 11.4  | 17.0  |

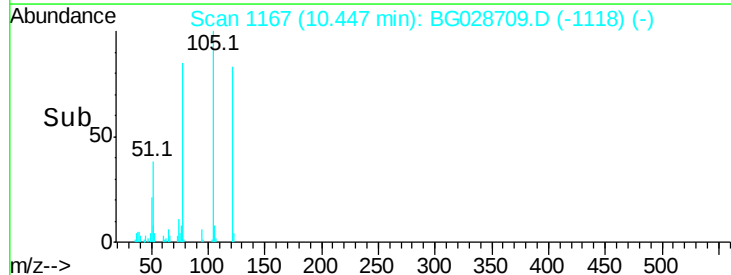
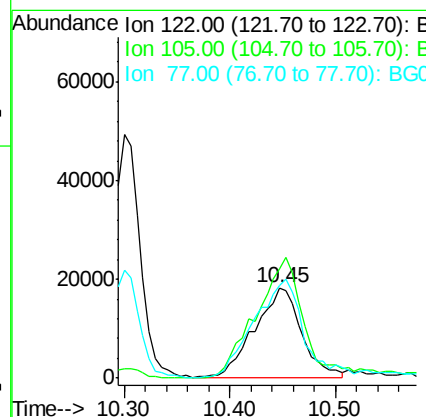
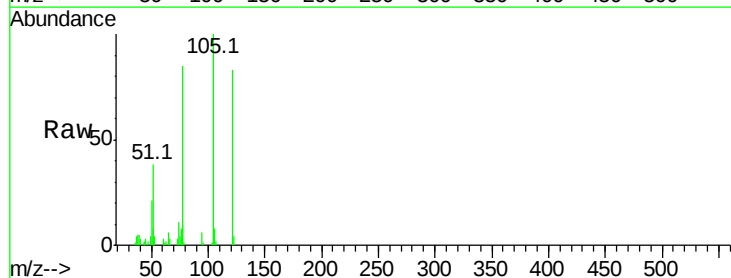
Manual Integrations  
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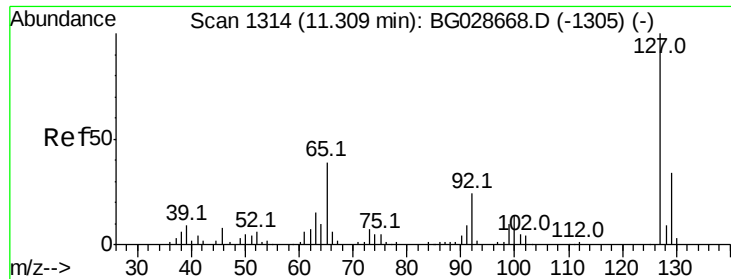
Sohil  
9/14/2017 5:54:34 PM



#32  
Benzoic acid  
Concen: 43.183 ng  
RT: 10.45 min Scan# 1167  
Delta R.T. -0.01 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp  | Lower | Upper  |
|---------|-------|-------|-------|--------|
| 122     | 100   | 56717 |       |        |
| 105     | 121.0 |       | 120.1 | 160.1  |
| 77      | 102.5 |       | 104.6 | 144.6# |





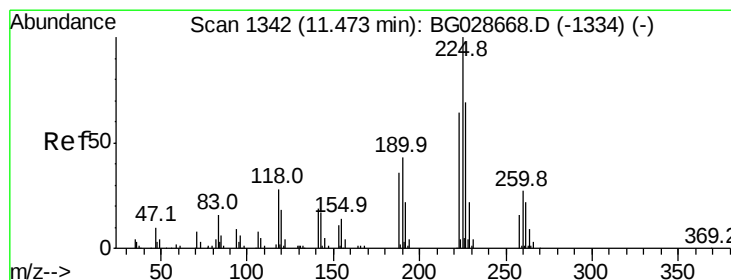
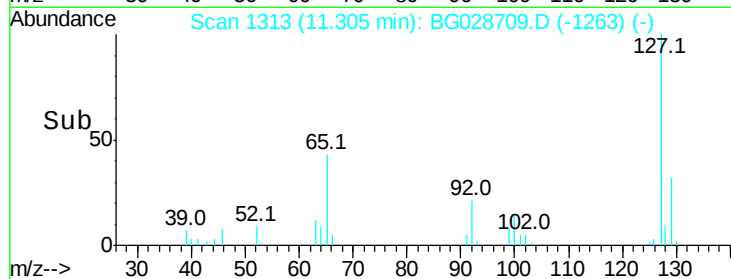
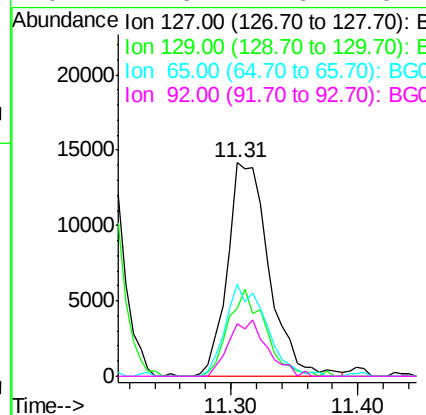
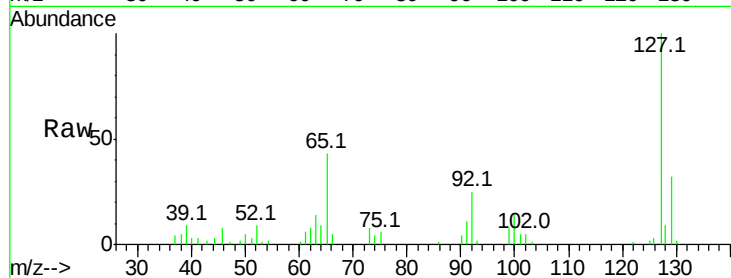
#33  
4-Chloroaniline  
Concen: 14.043 ng  
RT: 11.31 min Scan# 1313  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 127     | 100  |       | 32075 |       |       |
| 129     | 31.8 | 23.6  | 35.4  |       |       |
| 65      | 42.9 | 37.7  | 56.5  |       |       |
| 92      | 24.6 | 17.6  | 26.4  |       |       |

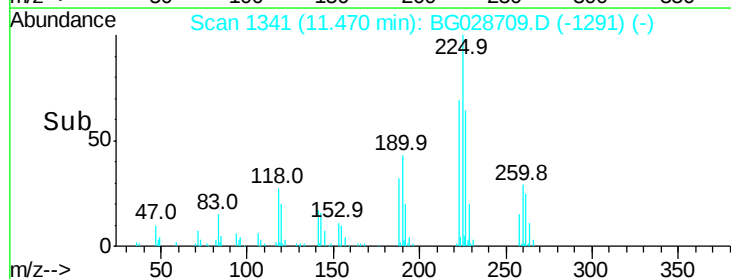
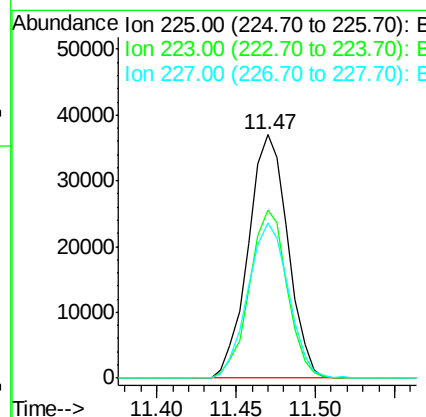
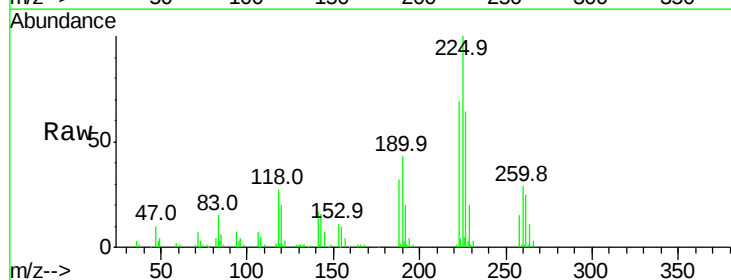
Manual Integrations  
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#34  
Hexachlorobutadiene  
Concen: 40.836 ng  
RT: 11.47 min Scan# 1341  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 225     | 100  |       | 64178 |       |       |
| 223     | 69.1 | 50.7  | 76.1  |       |       |
| 227     | 63.6 | 49.0  | 73.6  |       |       |





#35

Caprolactam

Concen: 58.624 ng/ml

RT: 12.09 min Scan# 1447

Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

Instrument :

BNA\_G

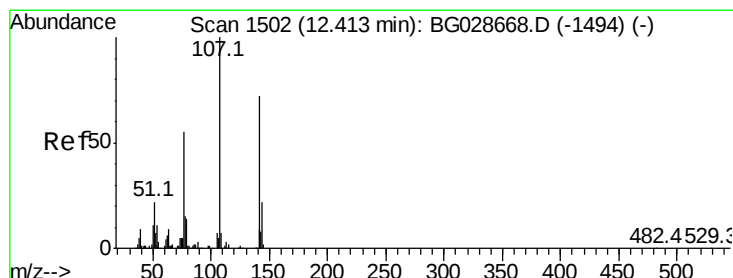
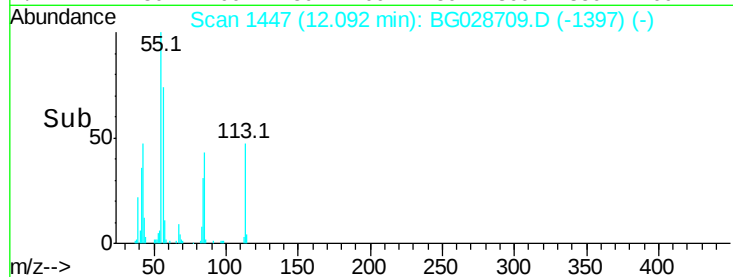
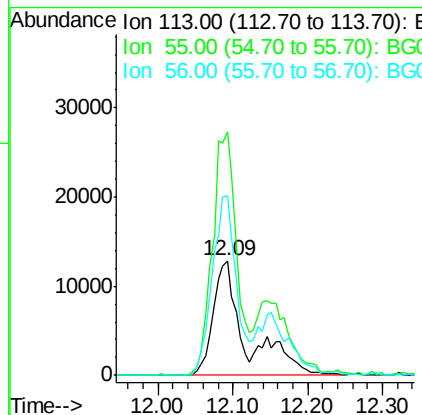
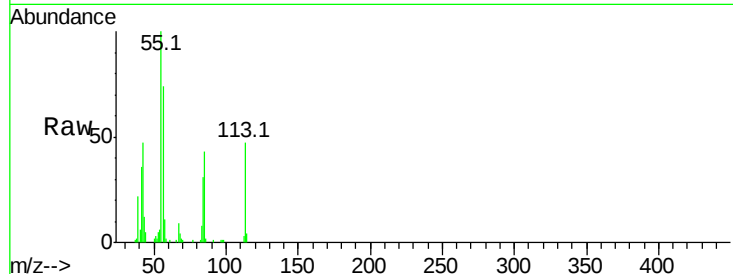
ClientSampleID :

PB102294BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 211.8 | 198.6 | 238.6 |
| 56      | 156.5 | 140.4 | 180.4 |

Manual Integrations  
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#36

4-Chloro-3-methylphenol

Concen: 49.845 ng/ml

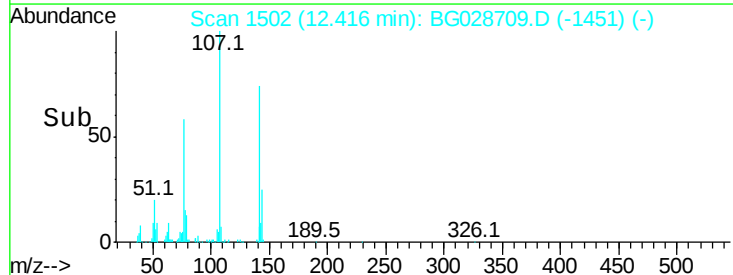
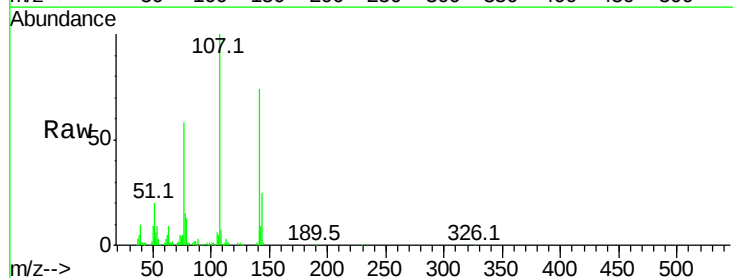
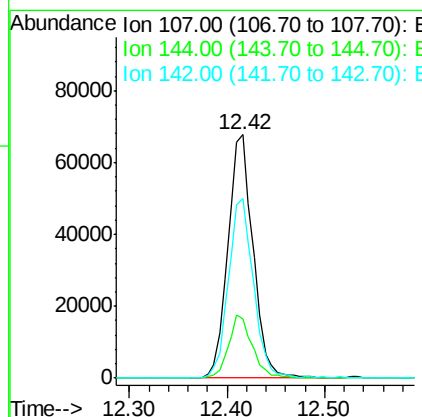
RT: 12.42 min Scan# 1502

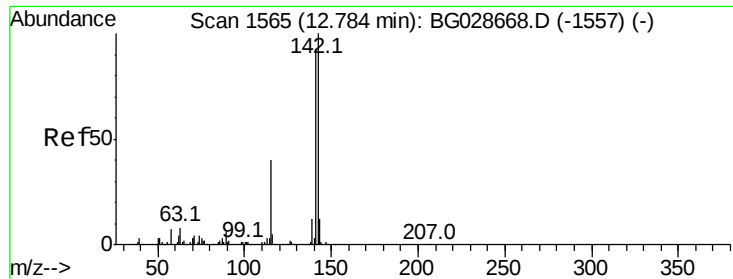
Delta R.T. 0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 144     | 24.6  | 17.4  | 26.0  |
| 142     | 74.0  | 54.1  | 81.1  |





#37

2-Methylnaphthalene

Concen: 49.428 ng

RT: 12.79 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

Instrument :

BNA\_G

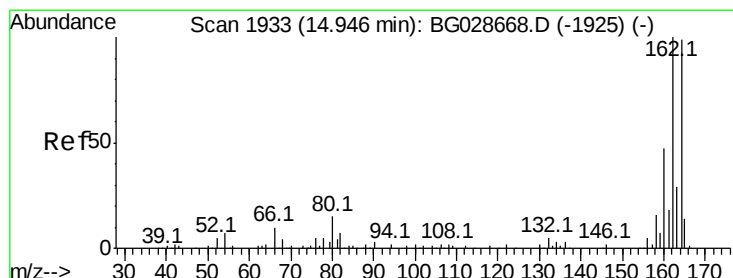
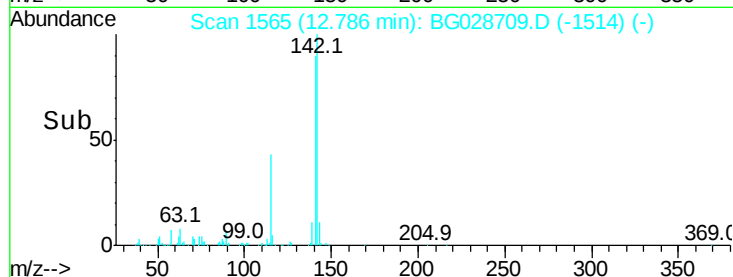
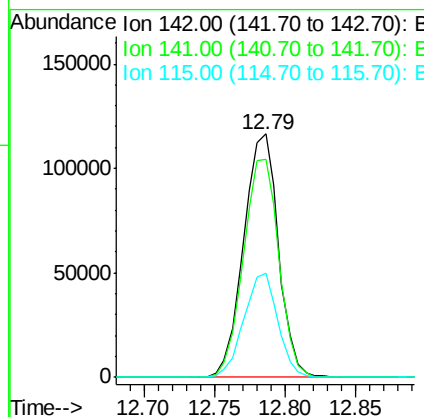
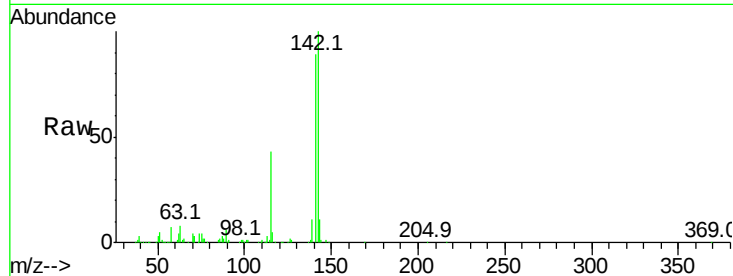
ClientSampleId :

PB102294BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 142   | Resp: | 201204 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 141       | 89.5  | 70.4  | 105.6  |
| 115       | 42.5  | 35.5  | 53.3   |

Manual Integrations  
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#38

Acenaphthene-d10

Concen: 20.000 ng

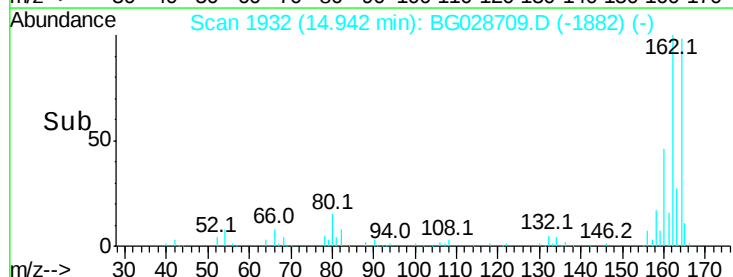
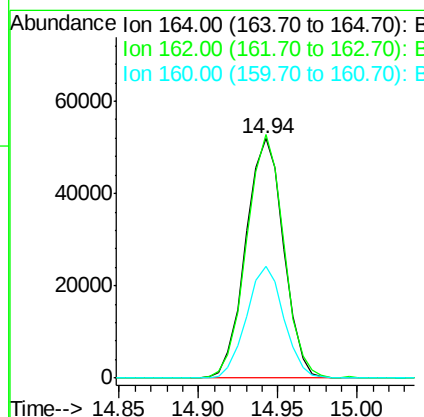
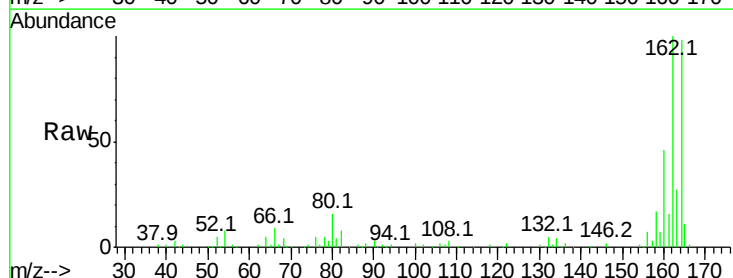
RT: 14.94 min Scan# 1932

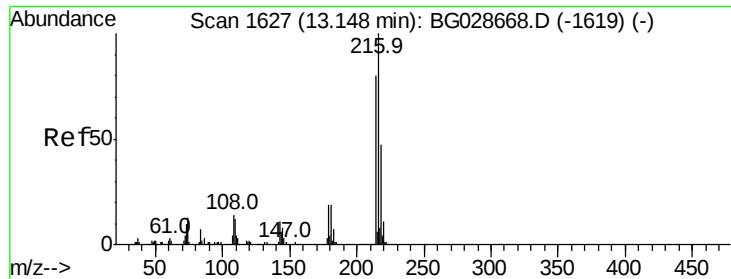
Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 86006 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 101.8 | 85.1  | 127.7 |
| 160       | 46.8  | 34.7  | 52.1  |





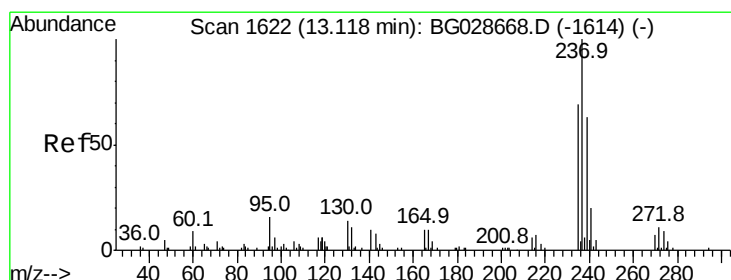
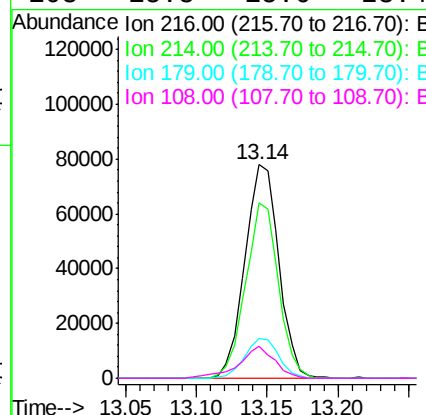
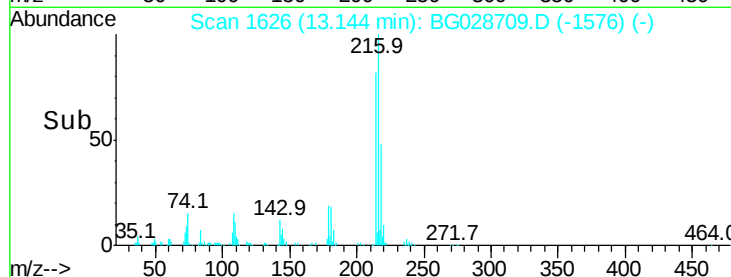
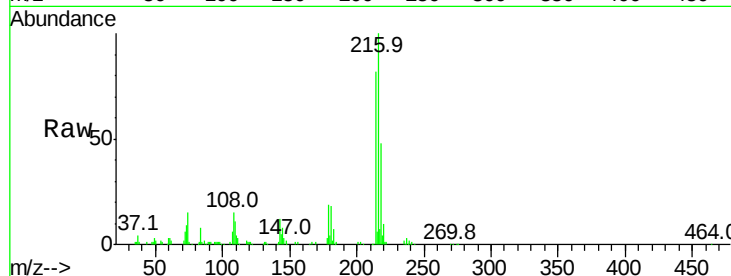
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 37.055 ng  
RT: 13.14 min Scan# 1626  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 216     | 100   | 131038 |       |       |
| 214     | 79.2  | 64.4   | 96.6  |       |
| 179     | 18.6  | 17.4   | 26.0  |       |
| 108     | 15.8  | 15.6   | 23.4  |       |

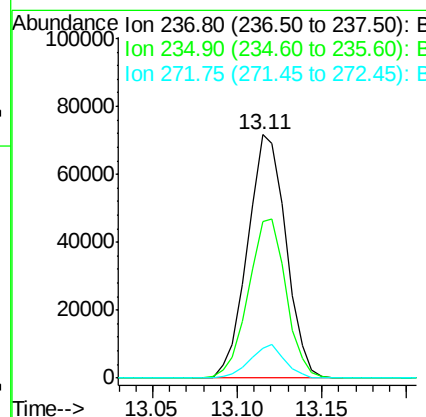
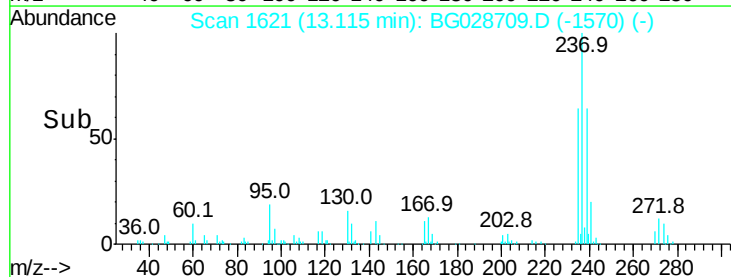
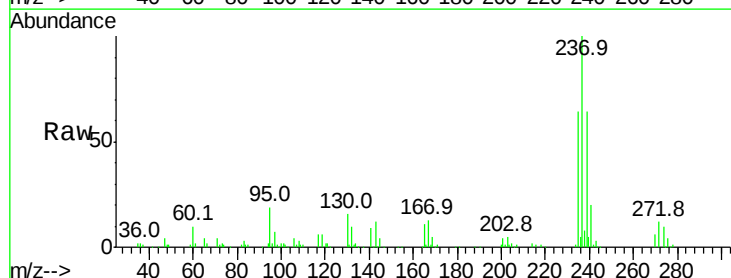
Manual Integrations  
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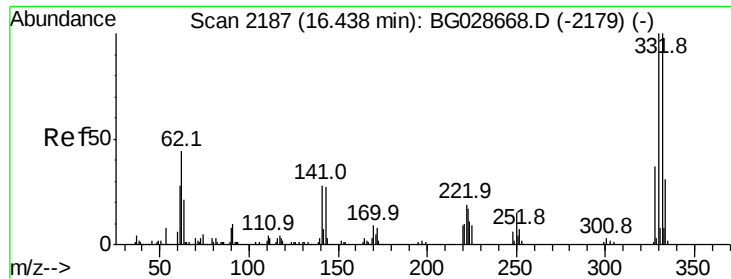
Sohil  
9/14/2017 5:54:34 PM



#40  
Hexachlorocyclopentadiene  
Concen: 82.290 ng  
RT: 13.11 min Scan# 1621  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 237     | 100   | 113379 |       |       |
| 235     | 64.1  | 39.4   | 79.4  |       |
| 272     | 12.5  | 0.0    | 32.0  |       |





#41

2,4,6-Tribromophenol

Concen: 173.817 ng

RT: 16.43 min Scan# 2186

Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

Instrument :

BNA\_G

ClientSampleId :

PB102294BS

Tot Ion:330 Resp: 247252

Ion Ratio Lower Upper

330 100

332 94.8 77.3 115.9

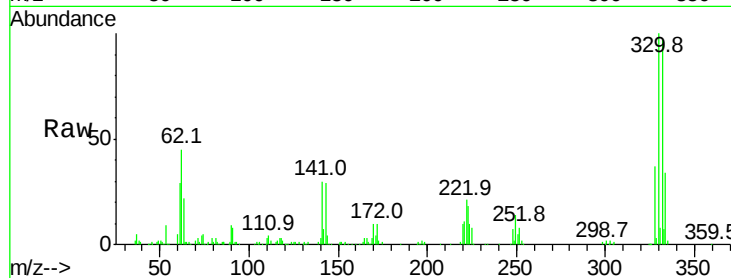
141 30.0 32.1 48.1#

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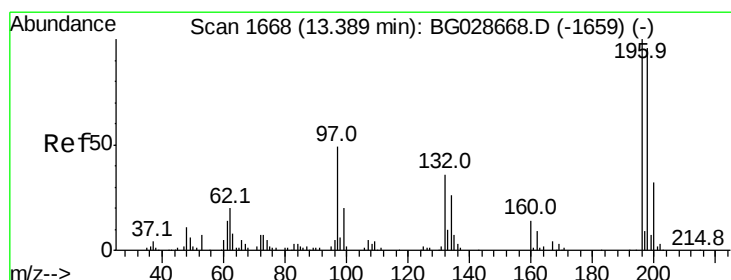
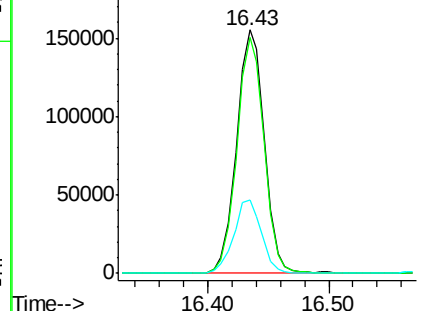
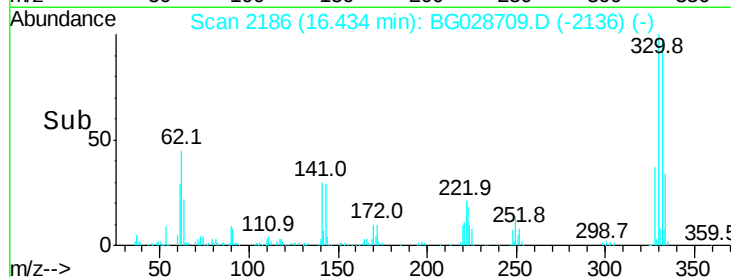
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Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 44.632 ng m

RT: 13.39 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

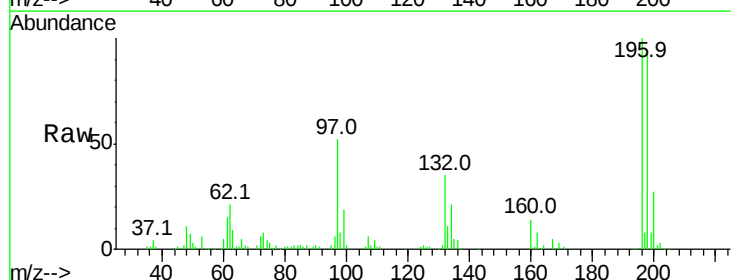
Tgt Ion:196 Resp: 100173

Ion Ratio Lower Upper

196 100

198 93.3 81.4 122.2

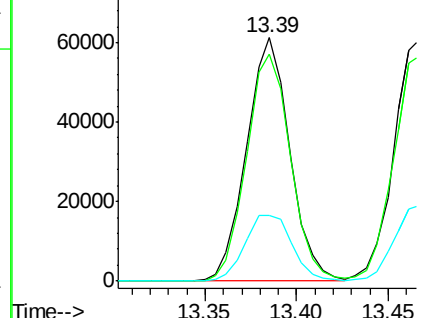
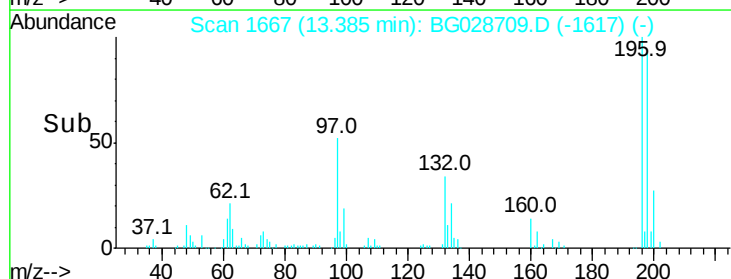
200 27.0 27.0 40.6#

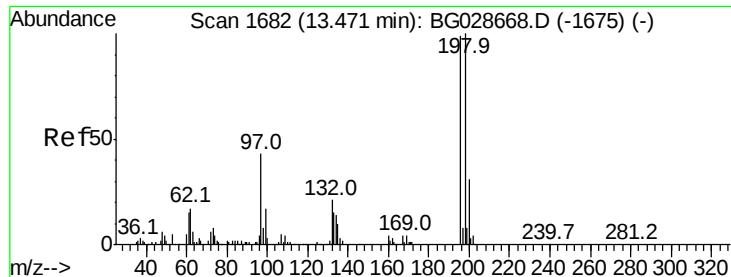


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





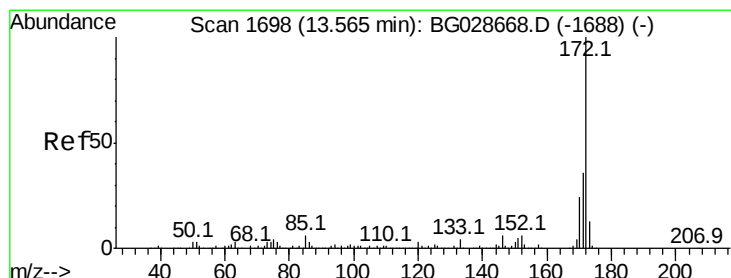
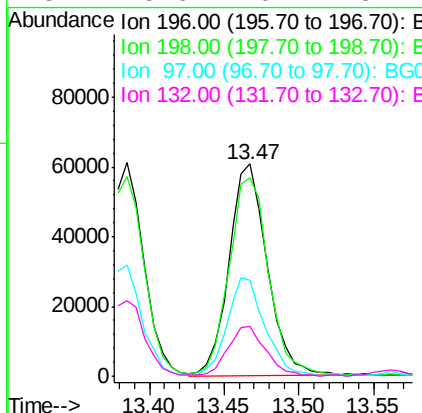
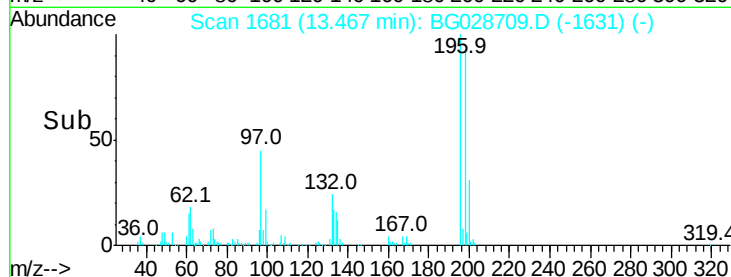
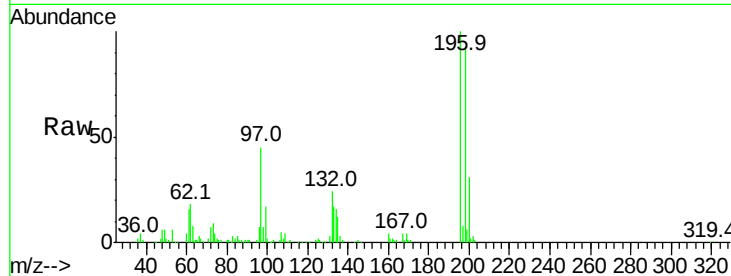
#43  
 2,4,5-Trichlorophenol  
 Concen: 48.191 ng  
 RT: 13.47 min Scan# 1681  
 Delta R.T. -0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102294BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 196     | 100   |      |       |       |
| 198     | 93.5  | 79.9 | 119.9 |       |
| 97      | 45.3  | 45.4 | 68.0  |       |
| 132     | 23.6  | 20.7 | 31.1  |       |

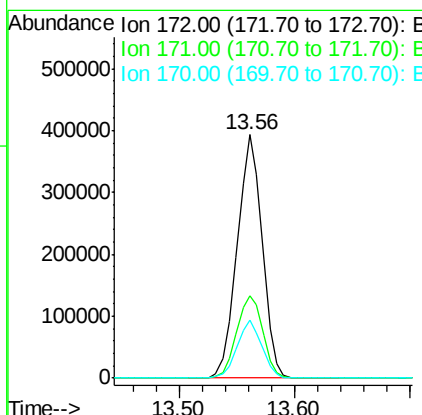
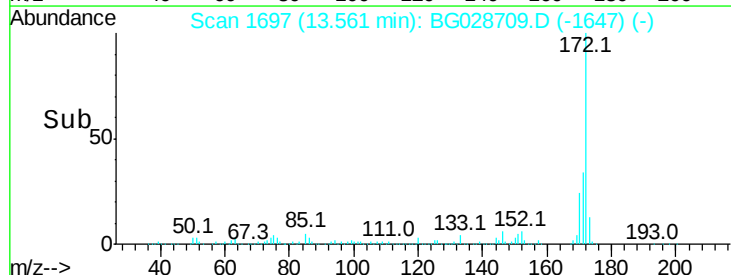
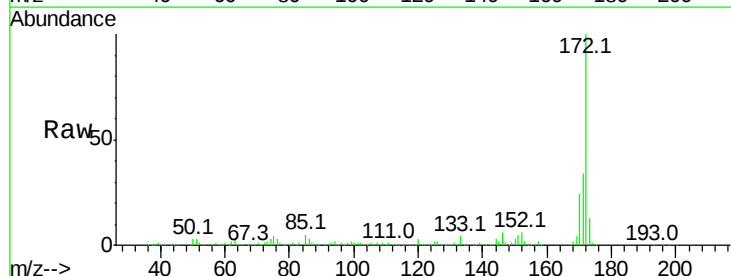
Manual Integrations  
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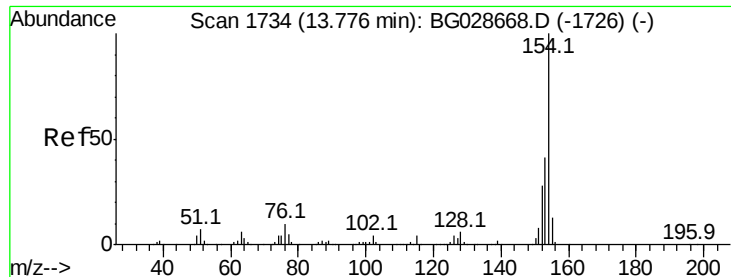
Sohil  
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#44  
 2-Fluorobiphenyl  
 Concen: 91.255 ng  
 RT: 13.56 min Scan# 1697  
 Delta R.T. -0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 172     | 100   |      |       |       |
| 171     | 33.8  | 32.2 | 48.2  |       |
| 170     | 23.9  | 21.8 | 32.6  |       |





#45

1,1'-Biphenyl

Concen: 39.472 ng

RT: 13.77 min Scan# 1733

Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

Instrument :

BNA\_G

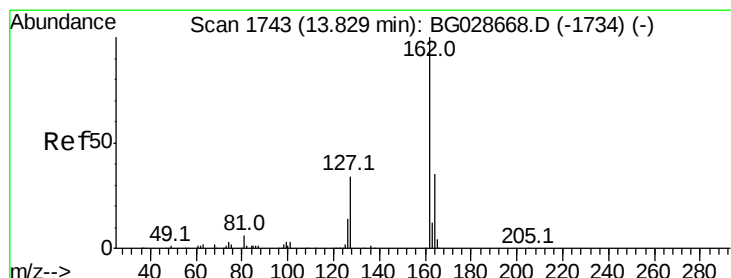
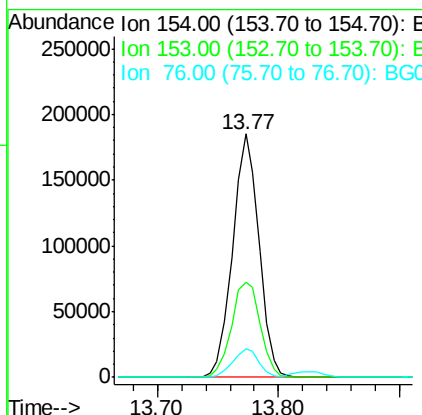
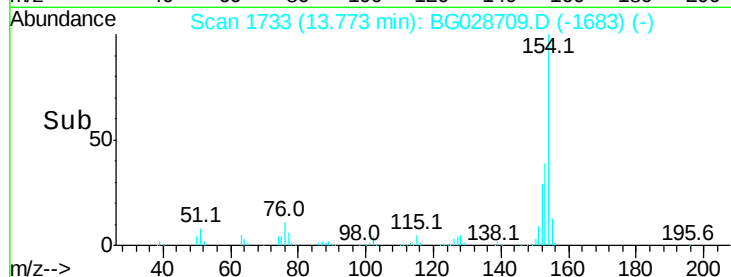
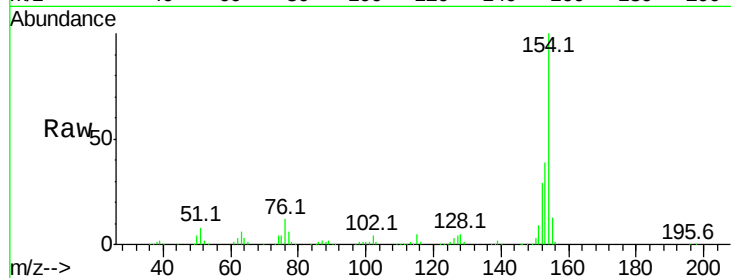
ClientSampleId :

PB102294BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 281076 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 39.2  | 23.0  | 63.0   |
| 76        | 11.5  | 0.0   | 33.5   |

Manual Integrations  
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#46

2-Chloronaphthalene

Concen: 43.476 ng

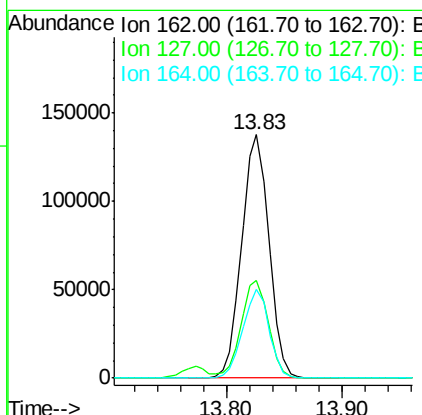
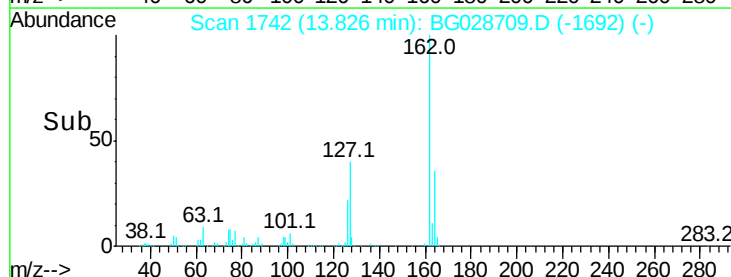
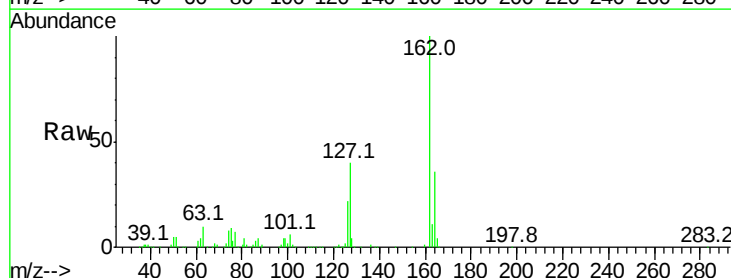
RT: 13.83 min Scan# 1742

Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 162   | Resp: | 225810 |
| Ion Ratio | Lower | Upper |        |
| 162       | 100   |       |        |
| 127       | 39.9  | 32.2  | 48.4   |
| 164       | 36.3  | 27.3  | 40.9   |





#47

2-Nitroaniline

Concen: 49.862 ng

RT: 14.03 min Scan# 1777

Delta R.T. 0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

Instrument :

BNA\_G

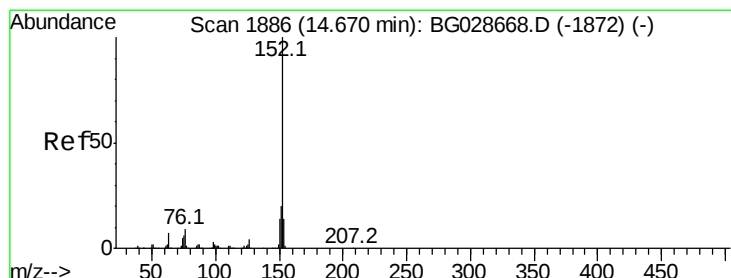
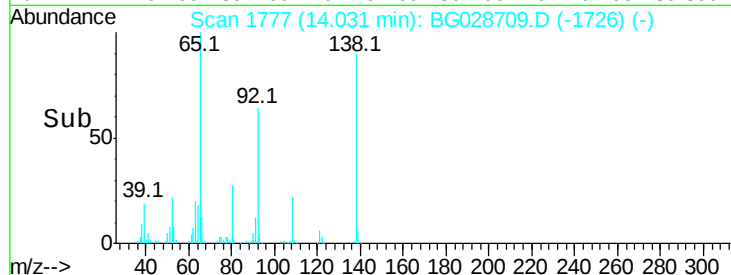
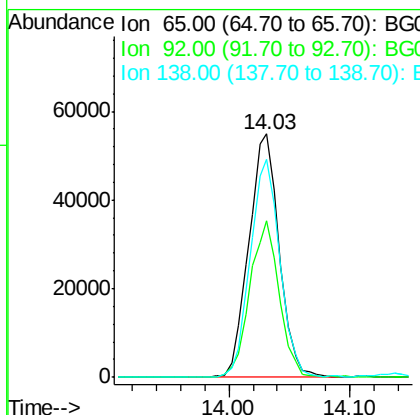
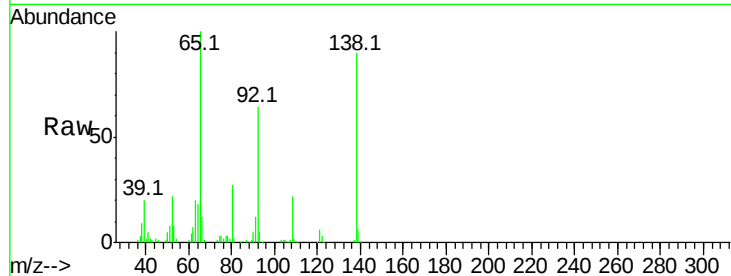
ClientSampleId :

PB102294BS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 65    | Resp: | 96249 |
| Ion Ratio | Lower | Upper |       |
| 65        | 100   |       |       |
| 92        | 64.2  | 49.0  | 73.4  |
| 138       | 89.6  | 58.6  | 87.8# |

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#48

Acenaphthylene

Concen: 45.844 ng

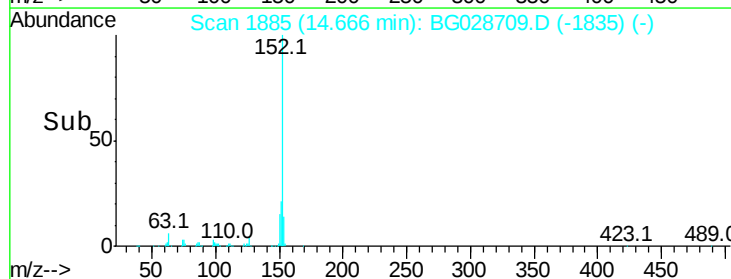
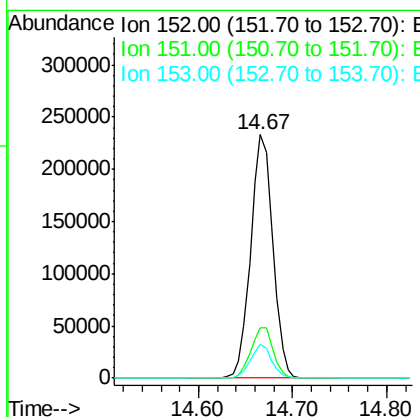
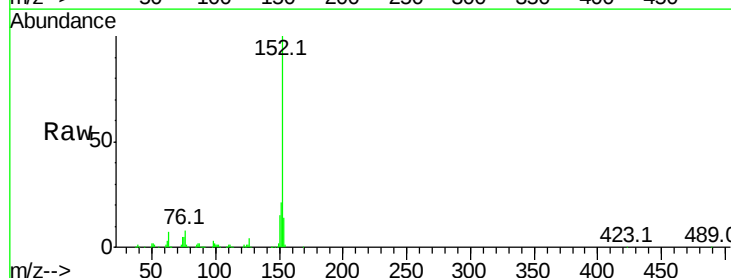
RT: 14.67 min Scan# 1885

Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 380412 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.8  | 18.2  | 27.2   |
| 153       | 13.9  | 11.3  | 16.9   |





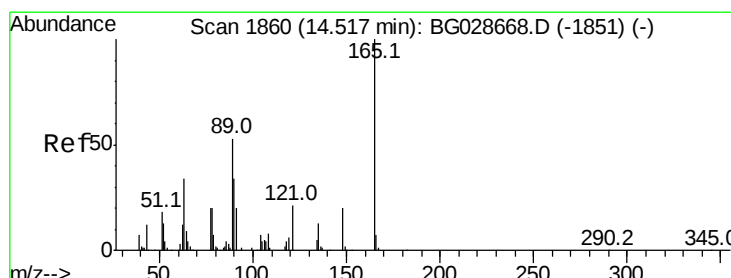
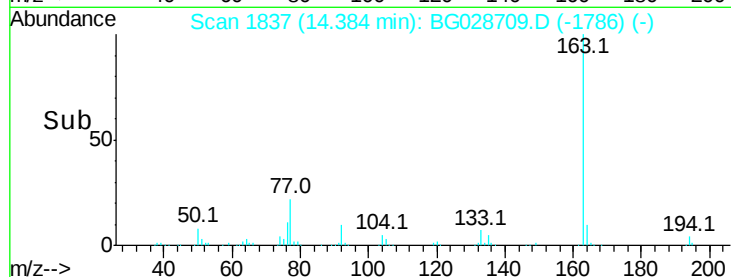
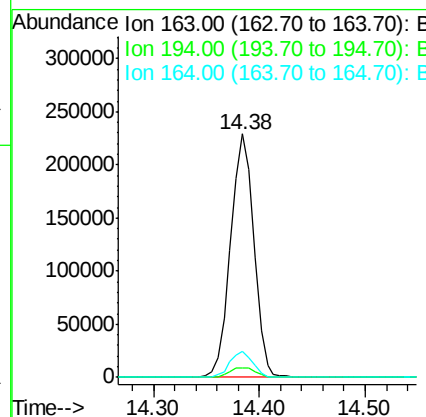
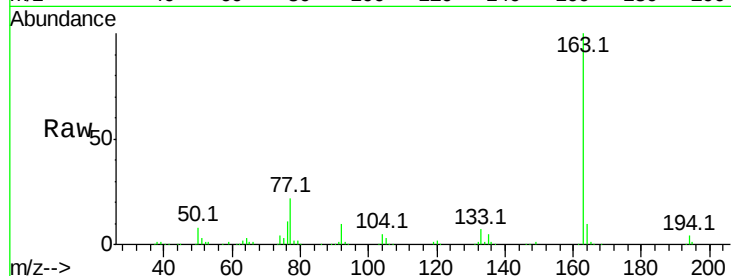
#49  
Dimethylphthalate  
Concen: 48.259 ng  
RT: 14.38 min Scan# 1837  
Delta R.T. 0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 163     | 100   | 348050 |       |       |
| 194     | 4.0   |        | 3.8   | 5.6   |
| 164     | 10.5  |        | 9.3   | 13.9  |

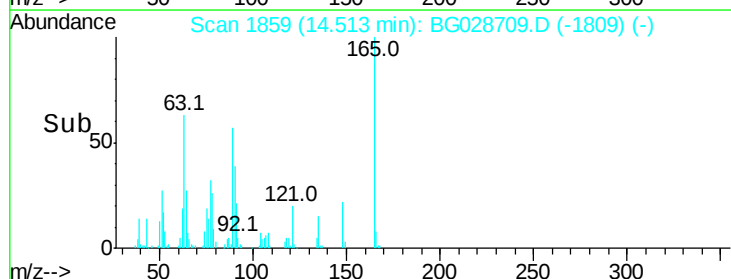
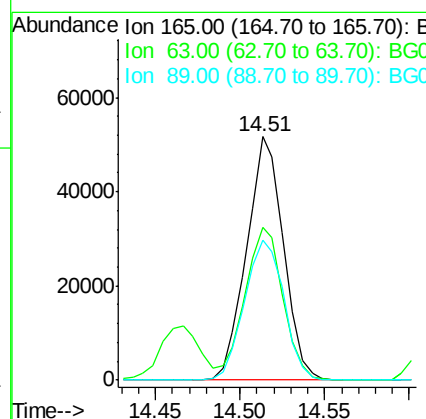
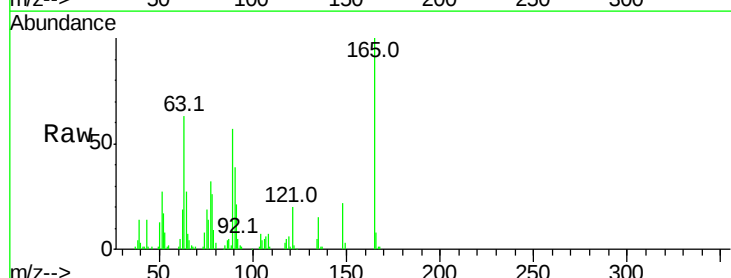
Manual Integrations  
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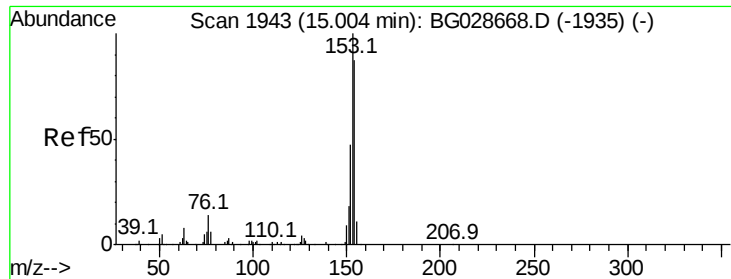
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#50  
2,6-Dinitrotoluene  
Concen: 48.788 ng  
RT: 14.51 min Scan# 1859  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 165     | 100   | 78294 |       |       |
| 63      | 62.8  |       | 63.9  | 95.9# |
| 89      | 57.4  |       | 58.6  | 88.0# |





#51

Acenaphthene

Concen: 45.227 ng

RT: 15.01 min Scan# 1943

Delta R.T. 0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

Instrument :

BNA\_G

ClientSampleId :

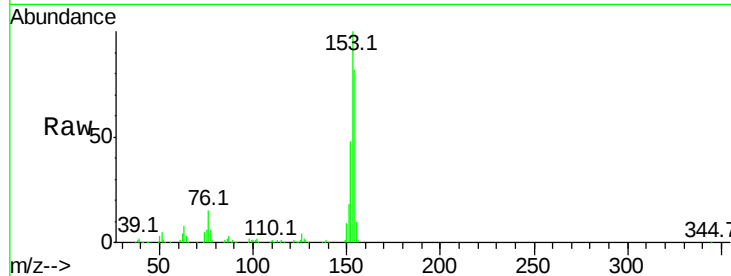
PB102294BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 154   | Resp: | 227975 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 121.2 | 87.8  | 131.6  |
| 152       | 58.4  | 42.2  | 63.4   |

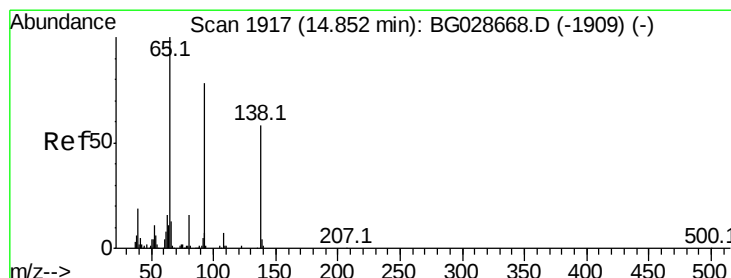
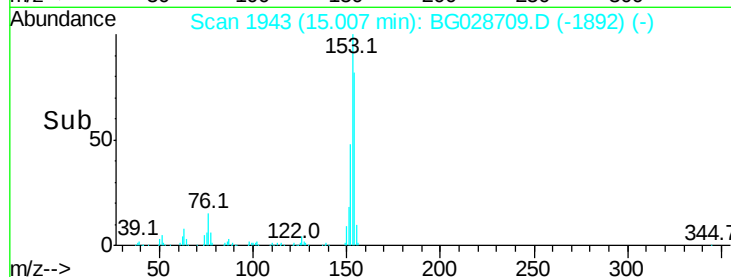
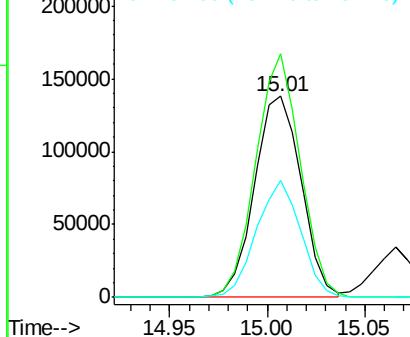
Manual Integrations  
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Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 24.805 ng

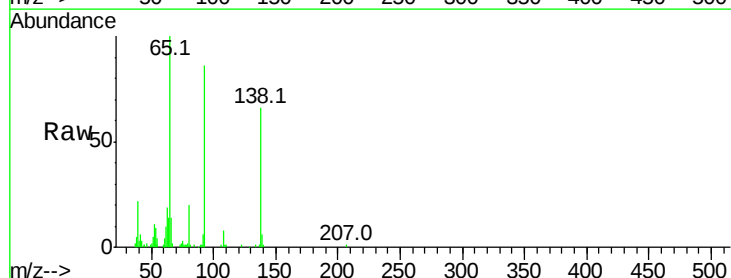
RT: 14.85 min Scan# 1917

Delta R.T. 0.00 min

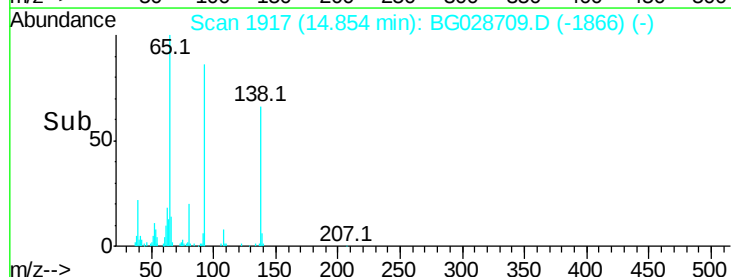
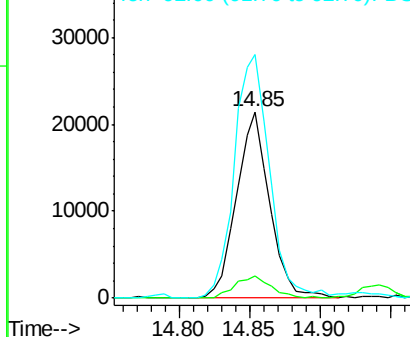
Lab File: BG028709.D

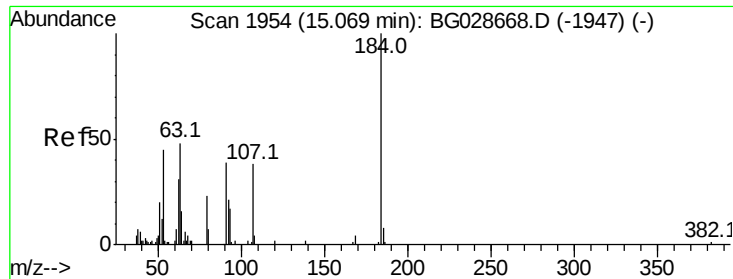
Acq: 13 Sep 2017 22:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 35201 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 108       | 11.8  | 10.9  | 16.3  |
| 92        | 130.9 | 115.3 | 172.9 |



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BG





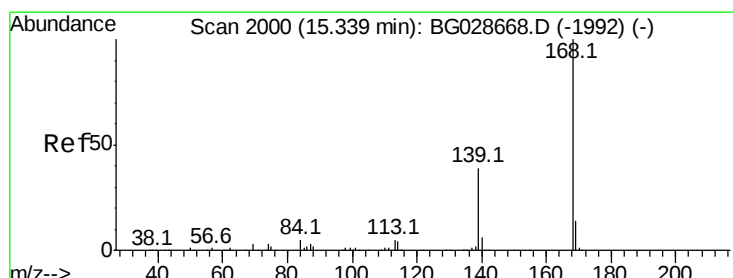
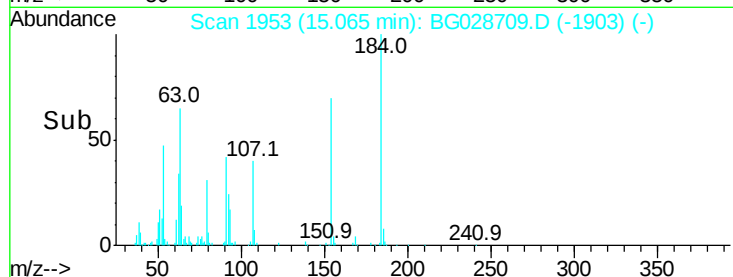
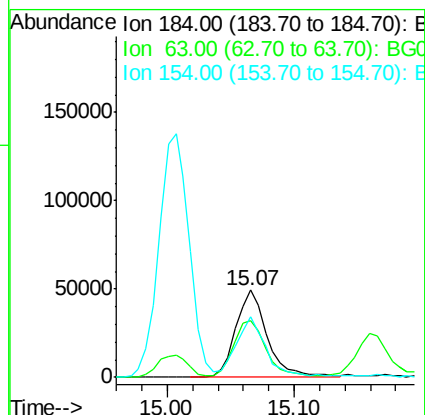
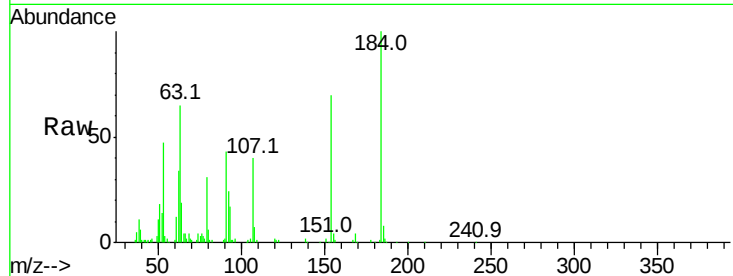
#53  
2,4-Dinitrophenol  
Concen: 98.728 ng  
RT: 15.07 min Scan# 1953  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 184     | 100   | 85244 |       |       |
| 63      | 64.9  | 52.7  | 79.1  |       |
| 154     | 69.9  | 57.3  | 85.9  |       |

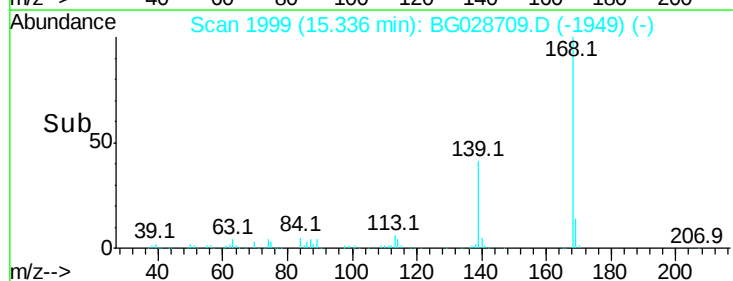
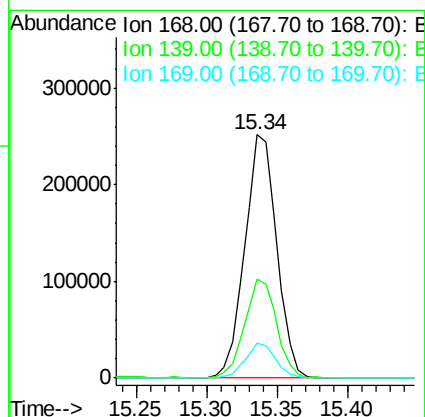
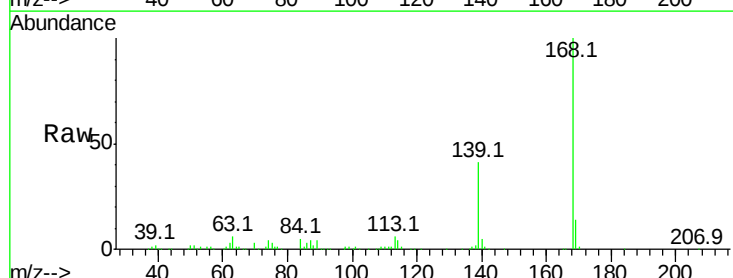
Manual Integrations  
APPROVED

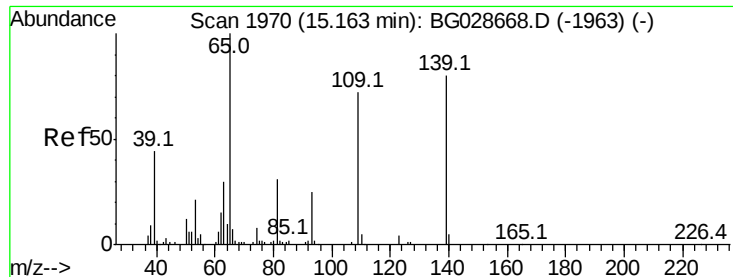
Sohil  
9/14/2017 5:54:34 PM



#54  
Dibenzofuran  
Concen: 49.623 ng  
RT: 15.34 min Scan# 1999  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 398894 |       |       |
| 139     | 40.8  | 35.3   | 52.9  |       |
| 169     | 14.2  | 11.5   | 17.3  |       |





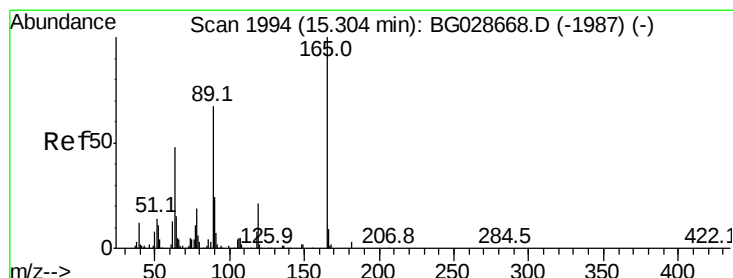
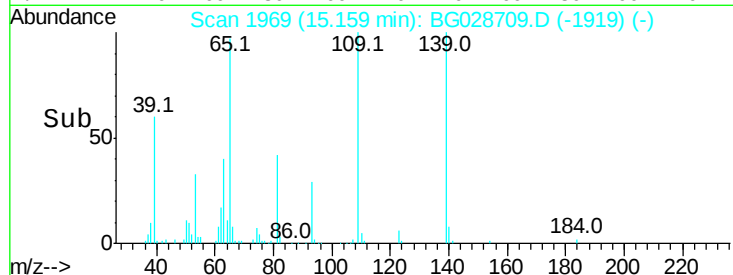
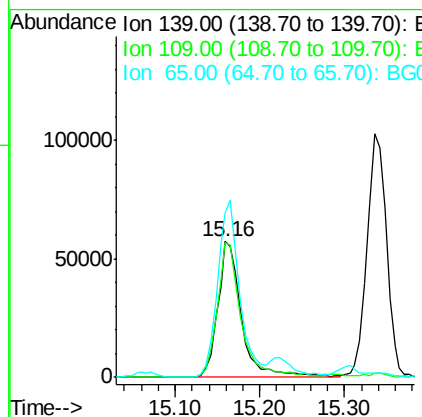
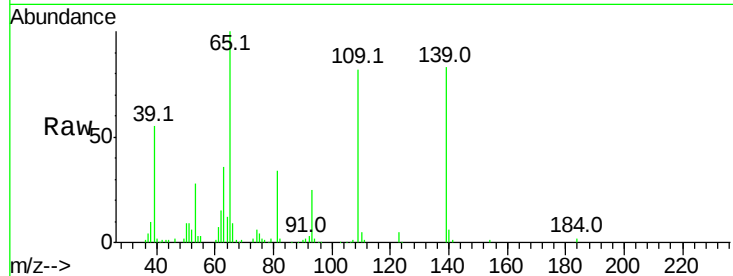
#55  
4-Nitrophenol  
Concen: 109.285 ng  
RT: 15.16 min Scan# 1969  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampled :  
PB102294BS

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 139     | 100   |       |        |
| 109     | 99.2  | 101.2 | 141.2# |
| 65      | 120.6 | 135.3 | 175.3# |

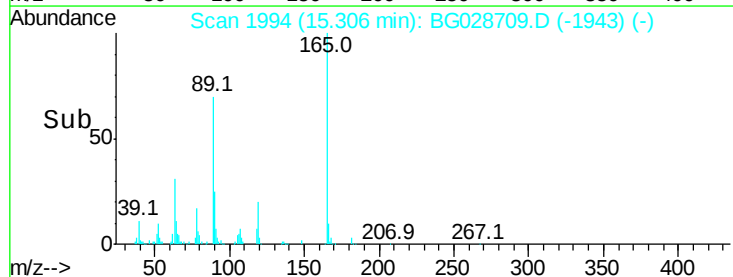
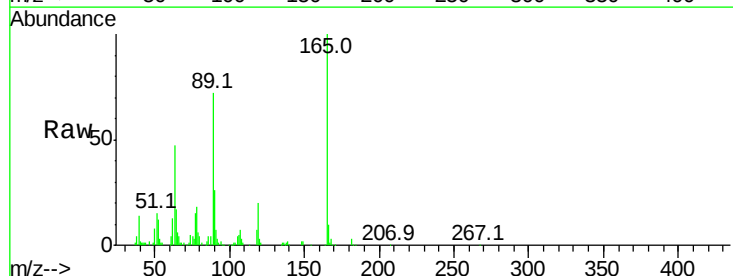
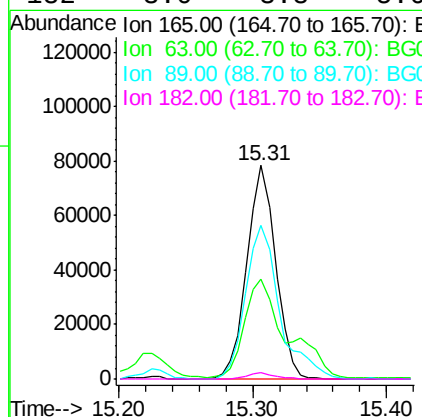
Manual Integrations  
APPROVED

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9/14/2017 5:54:34 PM



#56  
2,4-Dinitrotoluene  
Concen: 51.804 ng  
RT: 15.31 min Scan# 1994  
Delta R.T. 0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 46.8  | 44.0  | 66.0  |
| 89      | 71.8  | 67.3  | 100.9 |
| 182     | 3.0   | 3.8   | 5.6#  |





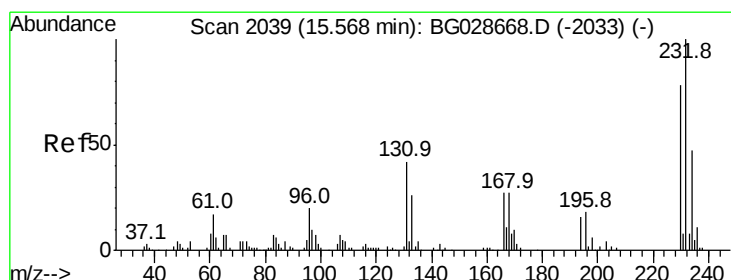
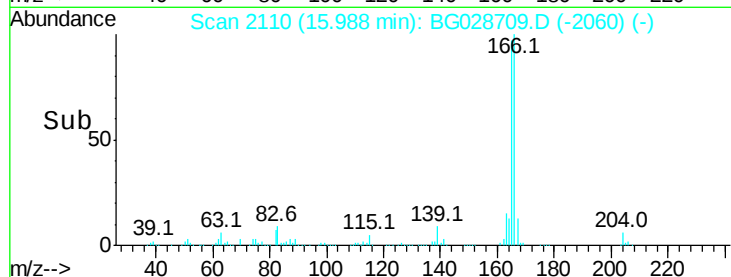
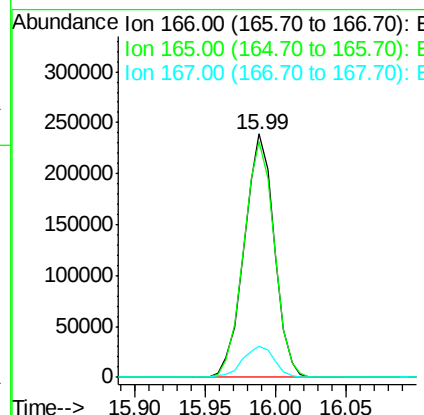
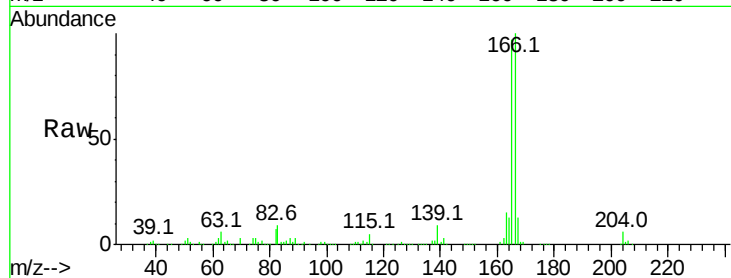
#57  
 Fluorene  
 Concen: 49.535 ng  
 RT: 15.99 min Scan# 2110  
 Delta R.T. -0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102294BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 166     | 100   | 355485 |       |       |
| 165     | 96.9  |        | 78.6  | 117.8 |
| 167     | 13.0  |        | 11.6  | 17.4  |

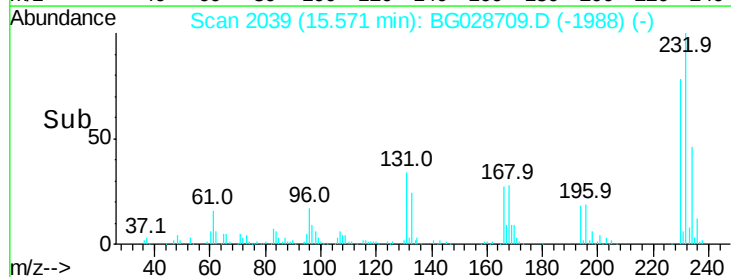
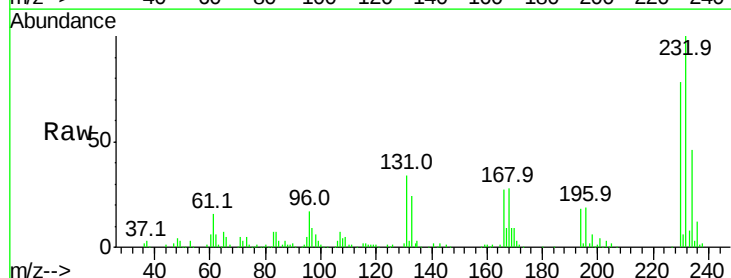
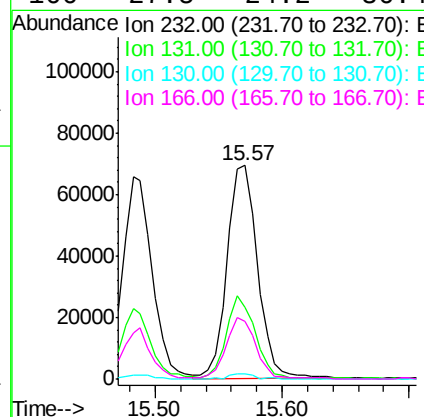
Manual Integrations  
 APPROVED

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#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 58.239 ng  
 RT: 15.57 min Scan# 2039  
 Delta R.T. 0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 232     | 100   | 115760 |       |       |
| 131     | 37.0  |        | 34.9  | 52.3  |
| 130     | 2.1   |        | 2.3   | 3.5#  |
| 166     | 27.5  |        | 24.2  | 36.4  |





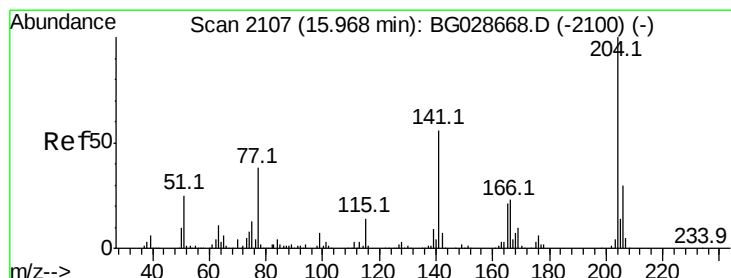
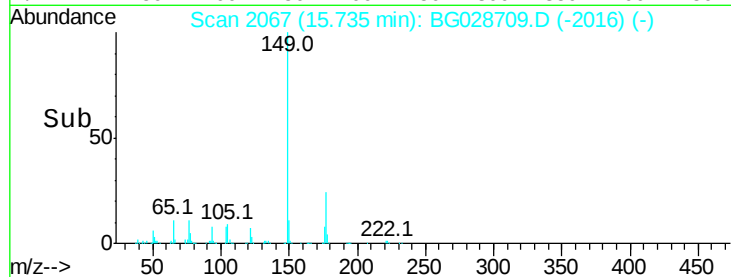
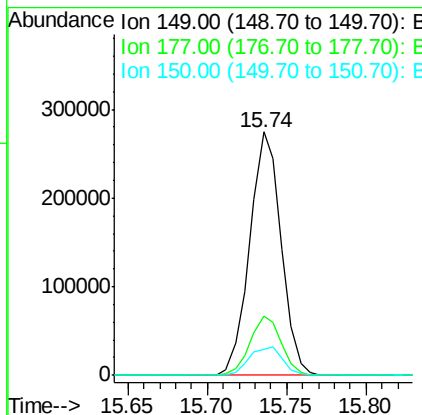
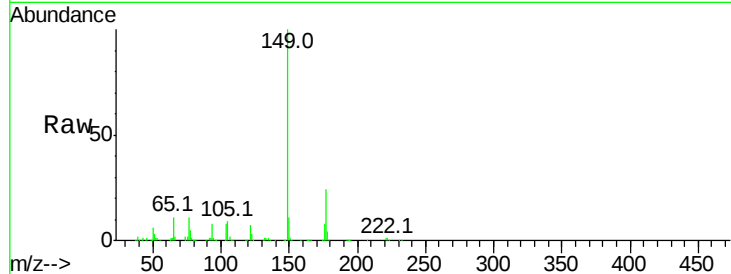
#59  
Diethylphthalate  
Concen: 50.886 ng  
RT: 15.74 min Scan# 2067  
Delta R.T. 0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 377139 |       |       |
| 177     | 24.2  | 20.1   | 30.1  |       |
| 150     | 10.9  | 10.2   | 15.2  |       |

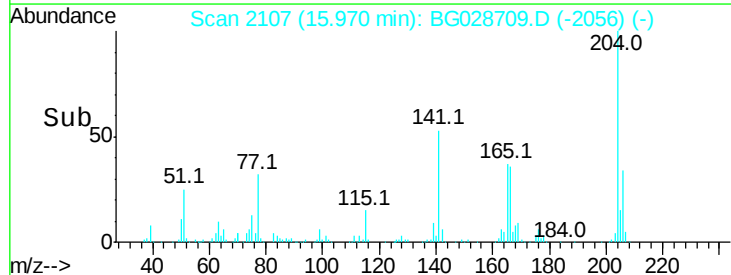
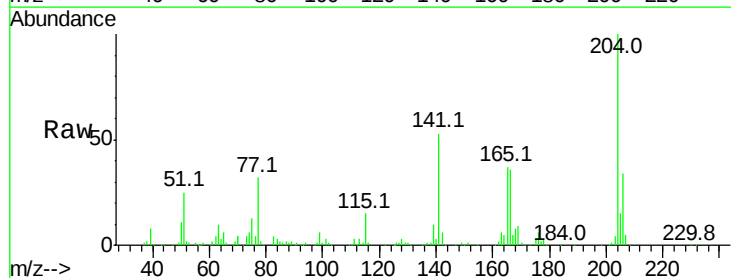
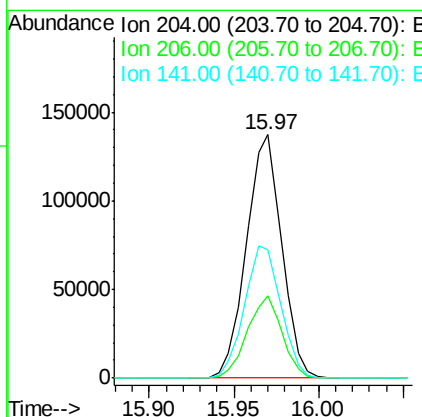
Manual Integrations  
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9/14/2017 5:54:34 PM



#60  
4-Chlorophenyl-phenylether  
Concen: 48.788 ng  
RT: 15.97 min Scan# 2107  
Delta R.T. 0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 204     | 100   | 199372 |       |       |
| 206     | 33.6  | 30.1   | 45.1  |       |
| 141     | 52.8  | 50.6   | 76.0  |       |





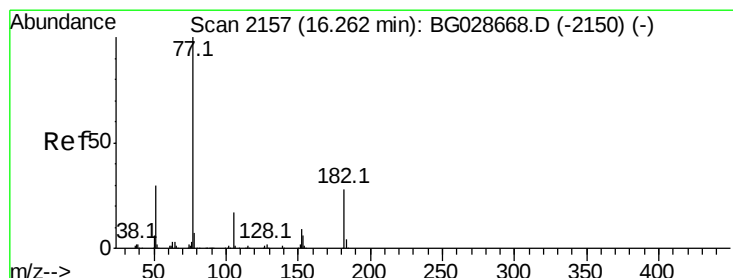
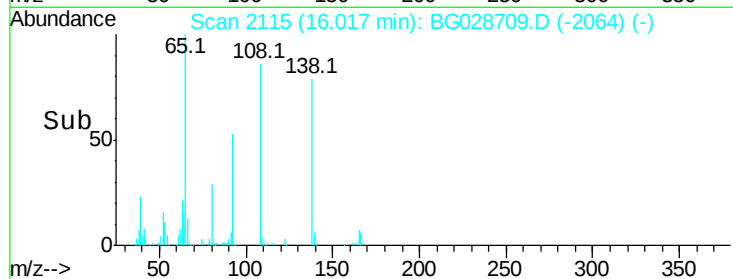
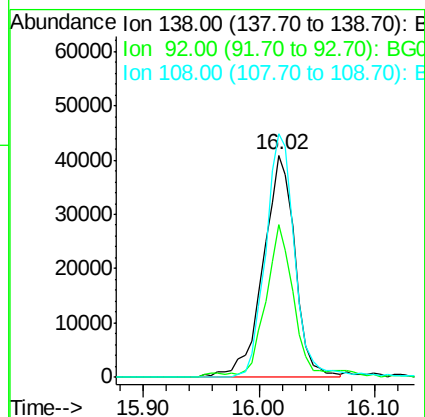
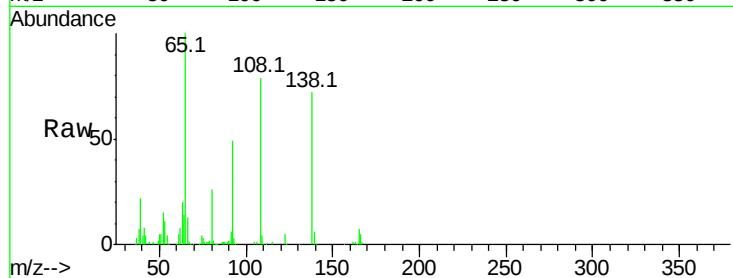
#61  
4-Nitroaniline  
Concen: 52.097 ng  
RT: 16.02 min Scan# 2115  
Delta R.T. 0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 68.8  | 44.2  | 84.2  |
| 108     | 109.7 | 104.8 | 144.8 |

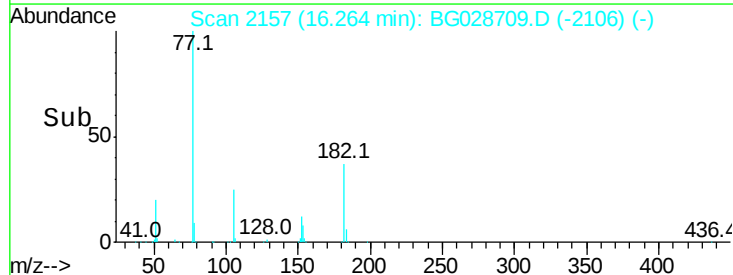
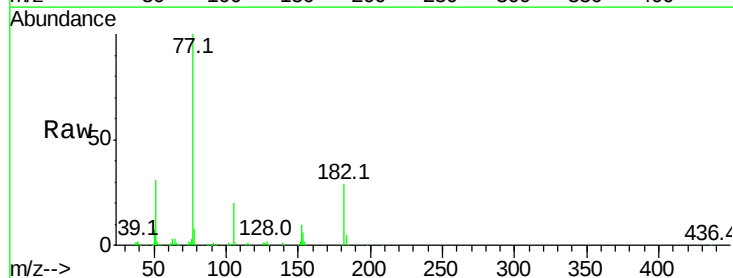
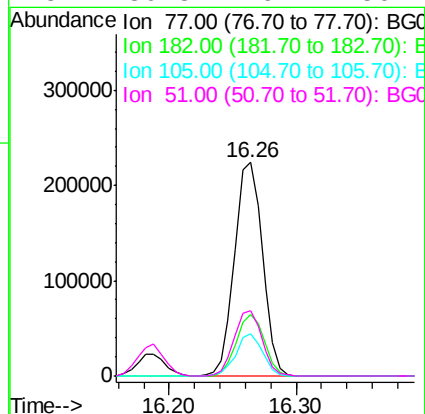
Manual Integrations  
APPROVED

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9/14/2017 5:54:34 PM



#62  
Azobenzene  
Concen: 54.891 ng  
RT: 16.26 min Scan# 2157  
Delta R.T. 0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 28.9  | 4.7   | 44.7  |
| 105     | 19.9  | 0.0   | 36.3  |
| 51      | 30.8  | 16.4  | 56.4  |





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.69 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

Instrument :

BNA\_G

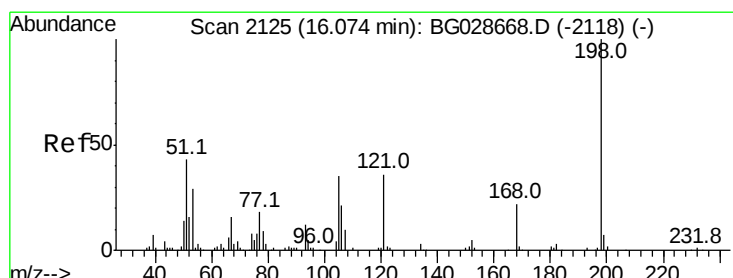
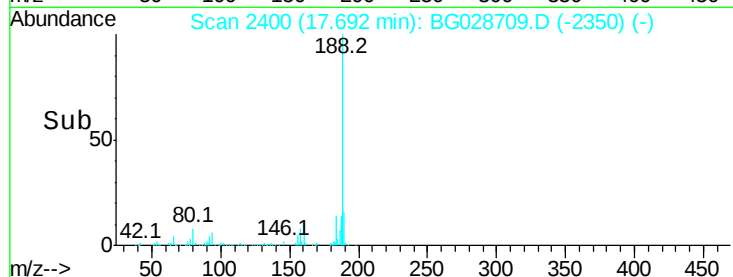
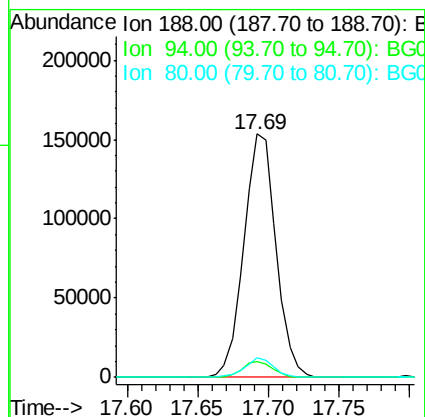
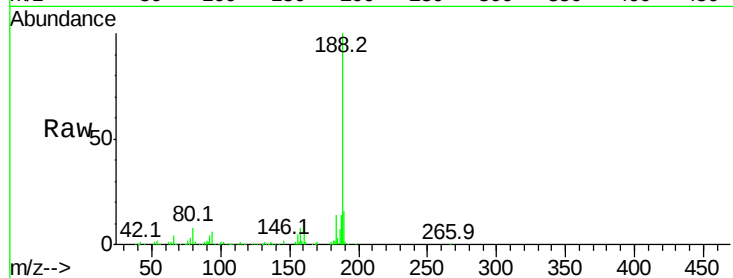
ClientSampleId :

PB102294BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 188   | Resp: | 244310 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 6.2   | 5.8   | 8.8    |
| 80        | 7.9   | 7.5   | 11.3   |

Manual Integrations  
APPROVED

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#64

4,6-Dinitro-2-methylphenol

Concen: 45.919 ng

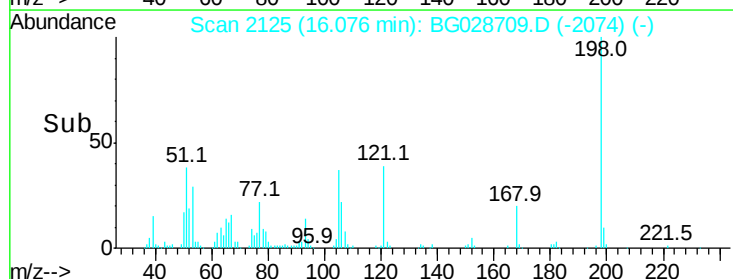
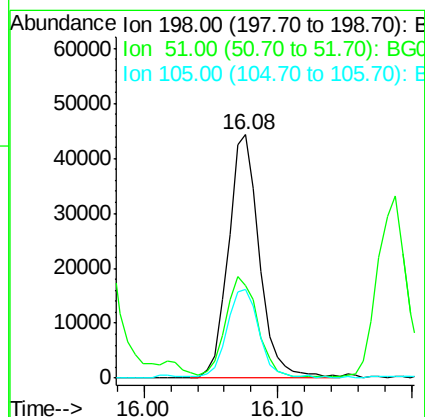
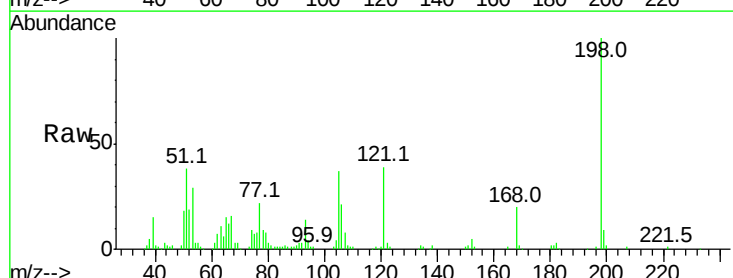
RT: 16.08 min Scan# 2125

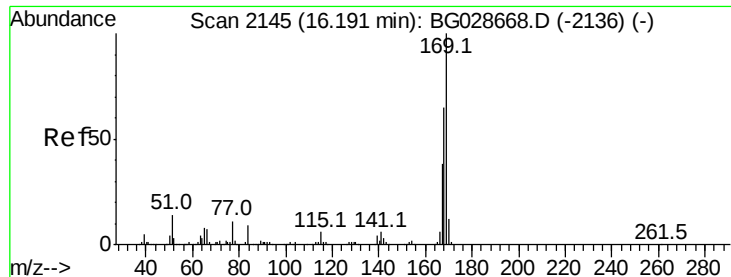
Delta R.T. 0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 198   | Resp: | 72388 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 37.9  | 22.6  | 62.6  |
| 105       | 36.7  | 14.4  | 54.4  |





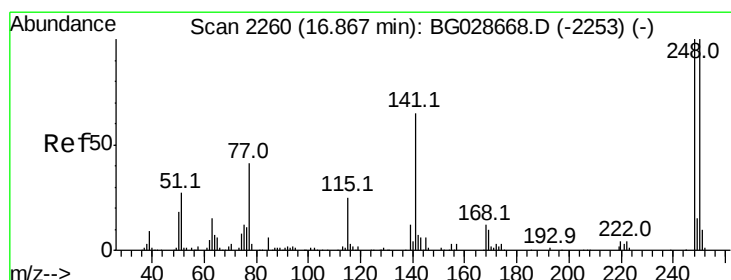
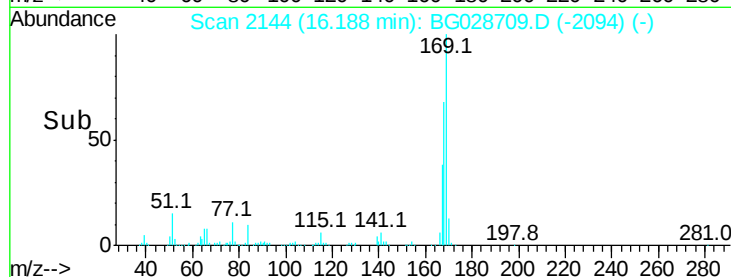
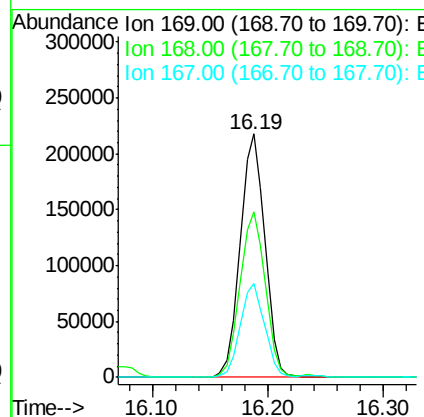
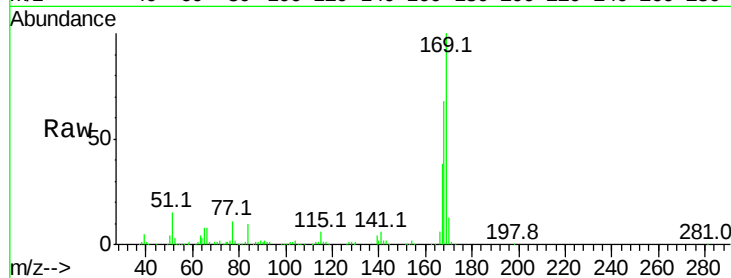
#65  
n-Nitrosodiphenylamine  
Concen: 45.856 ng  
RT: 16.19 min Scan# 2144  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 321155 |       |       |
| 168     | 68.3  |        | 55.7  | 83.5  |
| 167     | 38.5  |        | 29.8  | 44.6  |

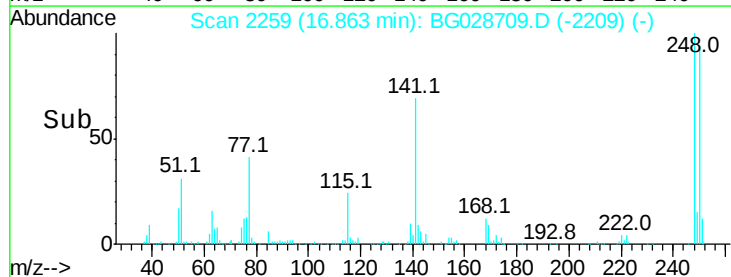
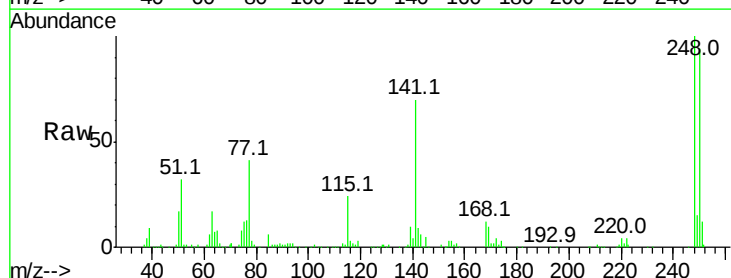
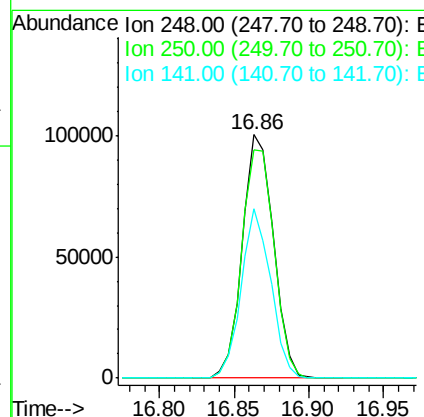
Manual Integrations  
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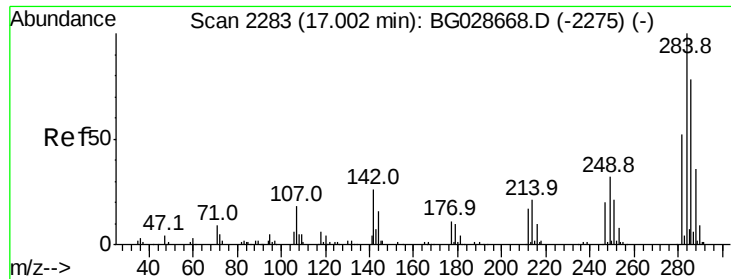
Sohil  
9/14/2017 5:54:34 PM



#66  
4-Bromophenyl-phenylether  
Concen: 46.141 ng  
RT: 16.86 min Scan# 2259  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 248     | 100   | 145049 |       |       |
| 250     | 93.7  |        | 75.0  | 112.6 |
| 141     | 69.7  |        | 55.2  | 82.8  |





#67

Hexachlorobenzene

Concen: 43.562 ng

RT: 17.00 min Scan# 2282

Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

Instrument :

BNA\_G

ClientSampleId :

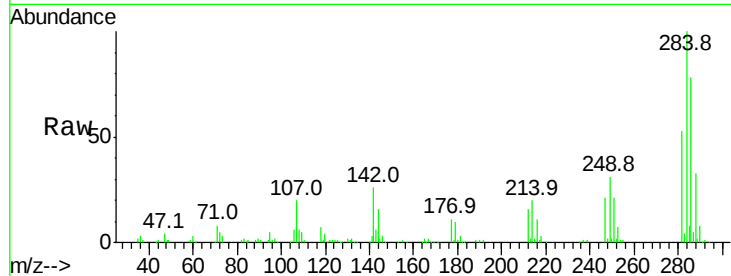
PB102294BS

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 284  | Resp: | 155860 |
| Ion Ratio |      | Lower | Upper  |
| 284       | 100  |       |        |
| 142       | 25.7 | 29.9  | 44.9#  |
| 249       | 30.7 | 29.2  | 43.8   |

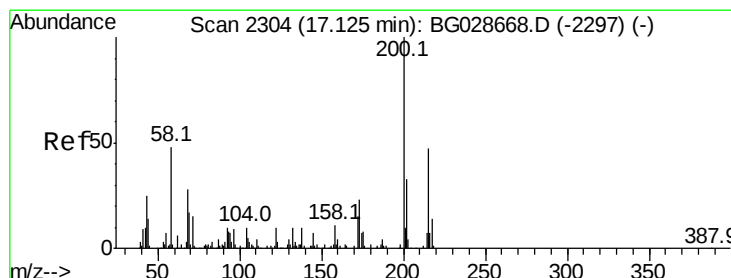
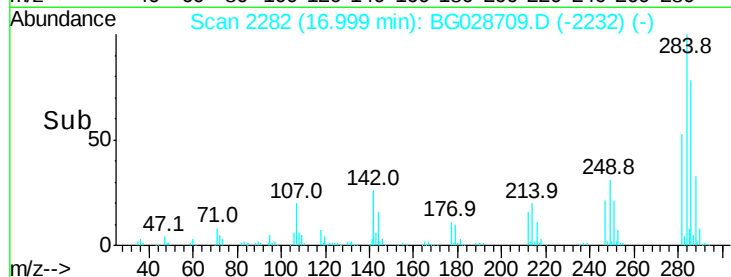
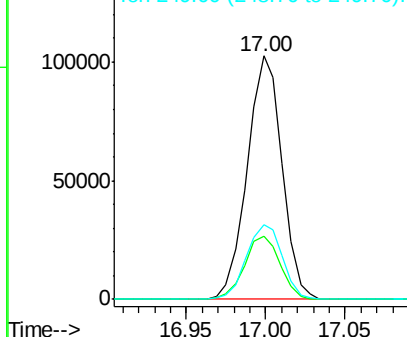
Manual Integrations  
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Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.169 ng

RT: 17.13 min Scan# 2304

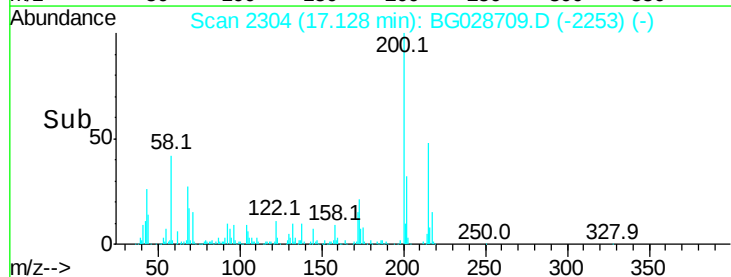
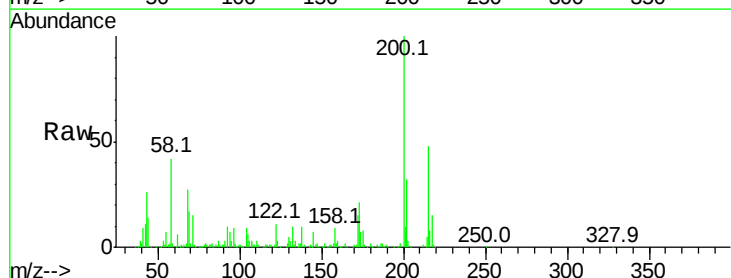
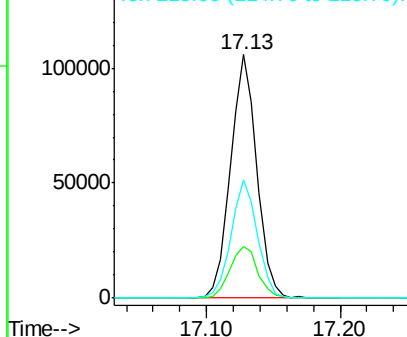
Delta R.T. 0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 200  | Resp: | 144850 |
| Ion Ratio |      | Lower | Upper  |
| 200       | 100  |       |        |
| 173       | 21.3 | 3.0   | 43.0   |
| 215       | 48.3 | 28.4  | 68.4   |

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





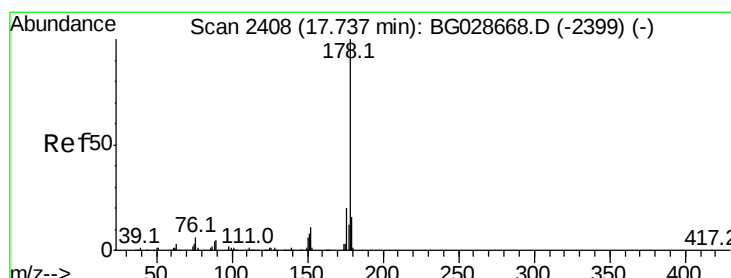
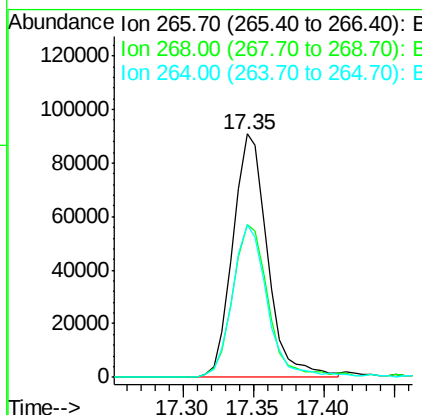
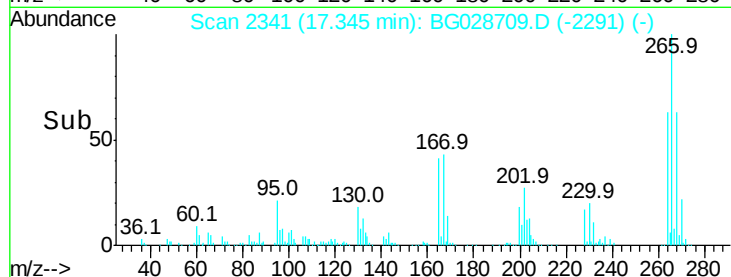
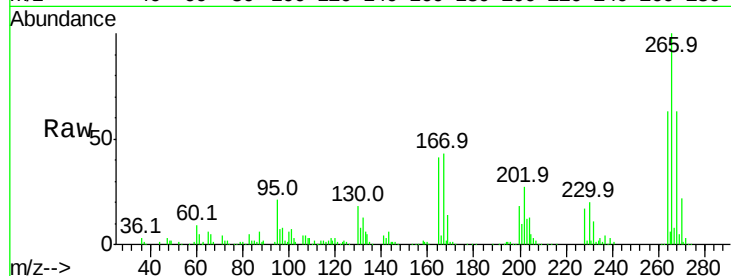
#69  
 Pentachlorophenol  
 Concen: 96.685 ng  
 RT: 17.35 min Scan# 2341  
 Delta R.T. -0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102294BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 266     | 100   | 156297 |       |       |
| 268     | 62.6  | 48.6   | 72.8  |       |
| 264     | 62.9  | 50.1   | 75.1  |       |

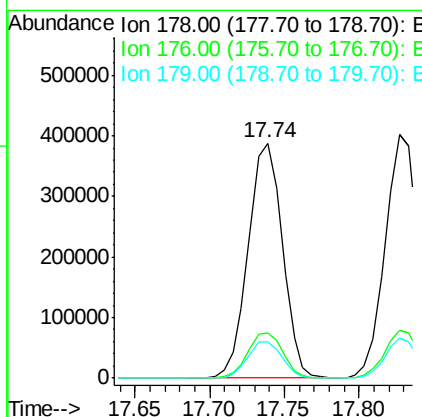
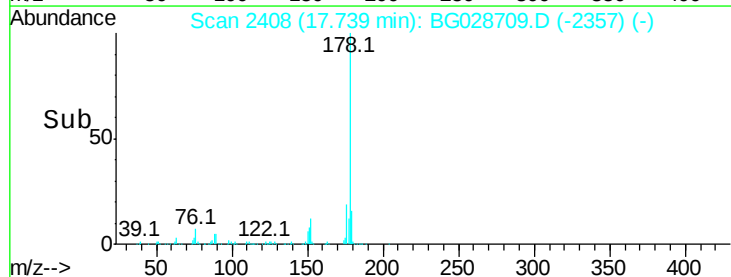
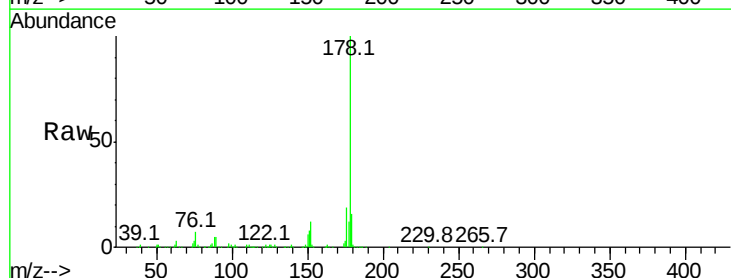
Manual Integrations  
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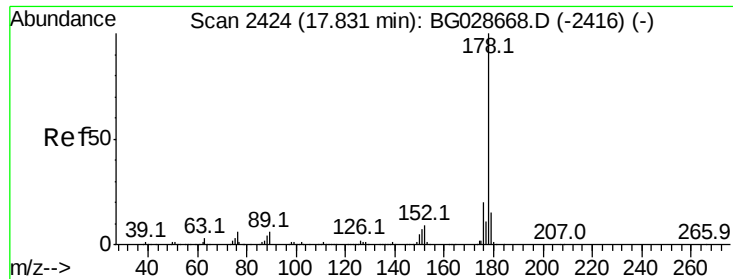
Sohil  
 9/14/2017 5:54:34 PM



#70  
 Phenanthrene  
 Concen: 49.290 ng  
 RT: 17.74 min Scan# 2408  
 Delta R.T. 0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 178     | 100   | 615802 |       |       |
| 176     | 19.5  | 17.7   | 26.5  |       |
| 179     | 15.5  | 15.0   | 22.6  |       |





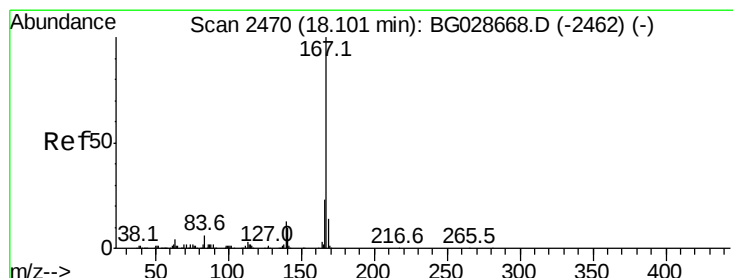
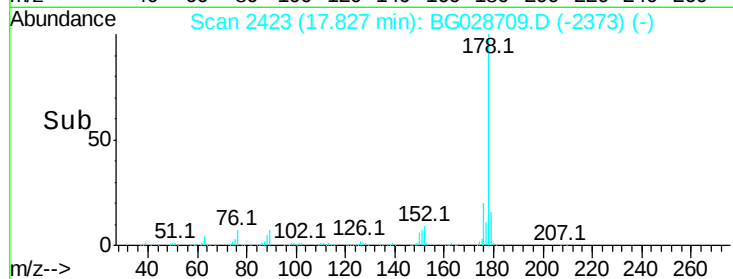
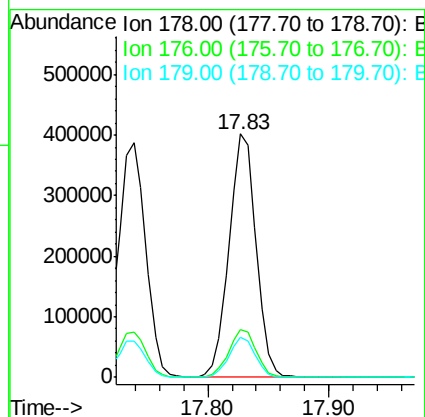
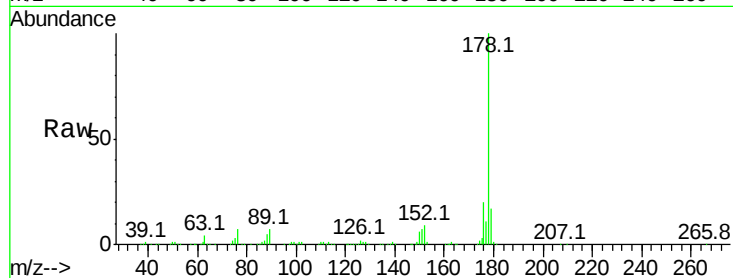
#71  
 Anthracene  
 Concen: 49.371 ng  
 RT: 17.83 min Scan# 2423  
 Delta R.T. -0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102294BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.8  | 16.4  | 24.6  |
| 179     | 16.5  | 13.8  | 20.8  |

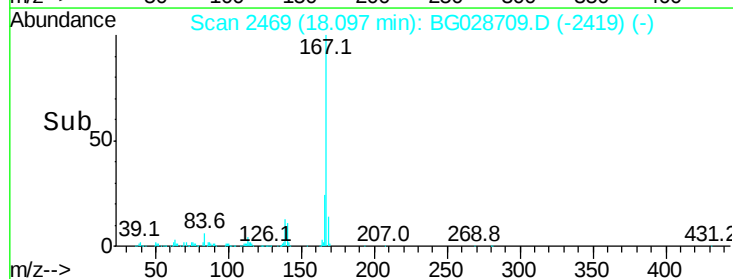
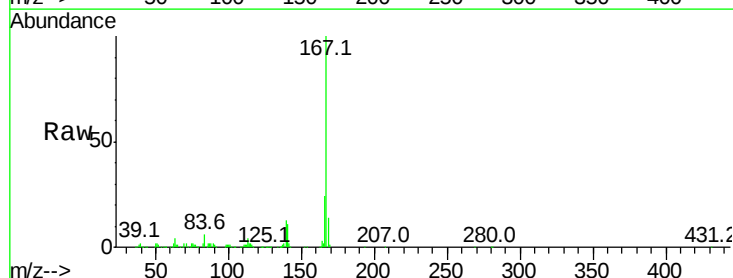
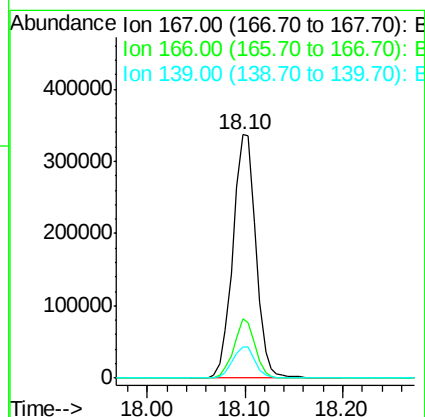
Manual Integrations  
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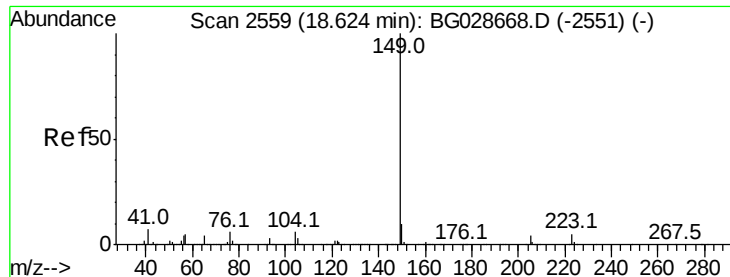
Sohil  
 9/14/2017 5:54:34 PM



#72  
 Carbazole  
 Concen: 48.447 ng  
 RT: 18.10 min Scan# 2469  
 Delta R.T. -0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.2  | 20.2  | 30.2  |
| 139     | 12.6  | 12.8  | 19.2# |





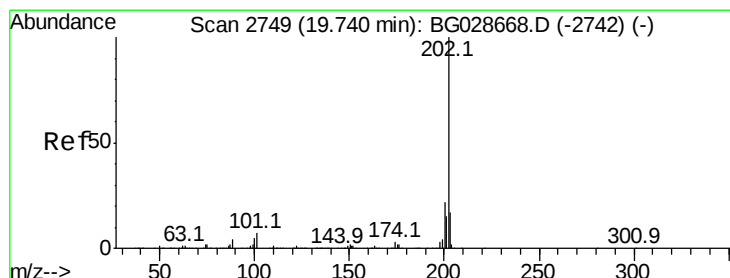
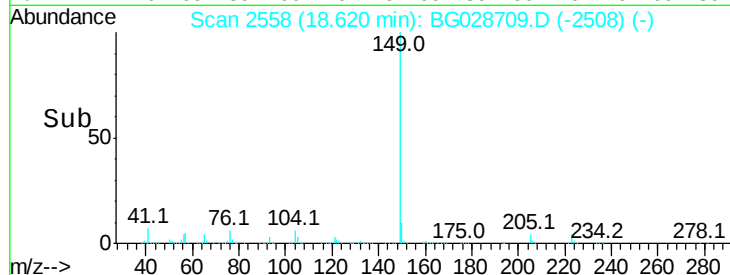
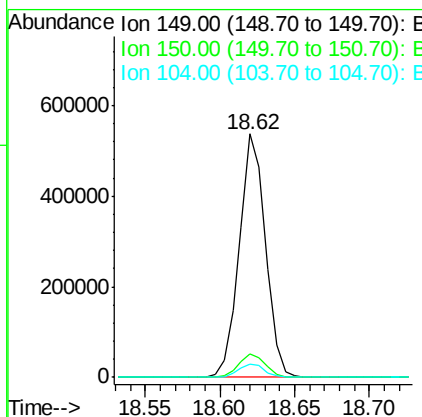
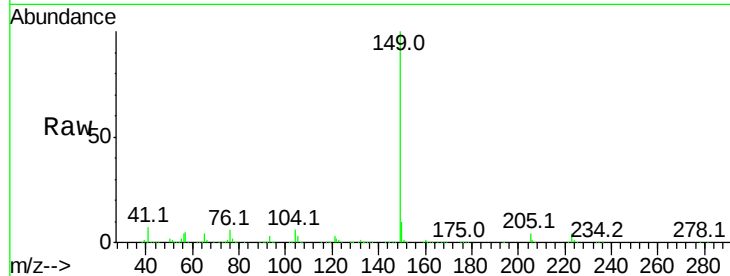
#73  
Di-n-butylphthalate  
Concen: 47.071 ng  
RT: 18.62 min Scan# 2558  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 149     | 100   |            |       |
| 150     | 9.7   | 9.1        | 13.7  |
| 104     | 5.6   | 6.7        | 10.1  |

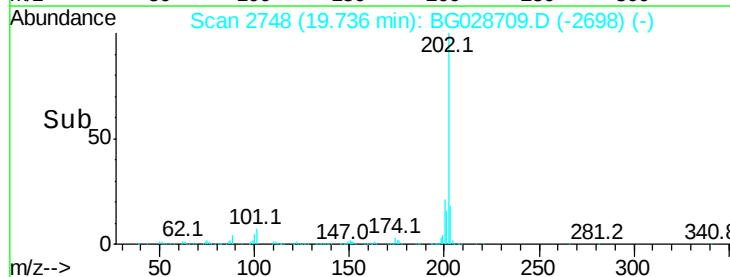
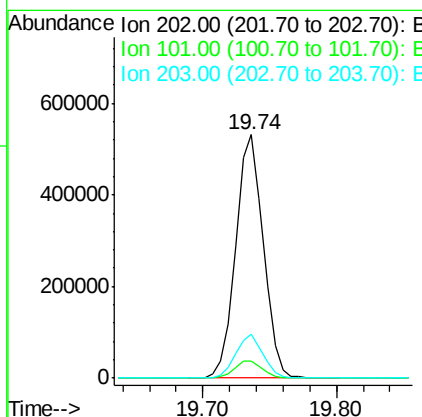
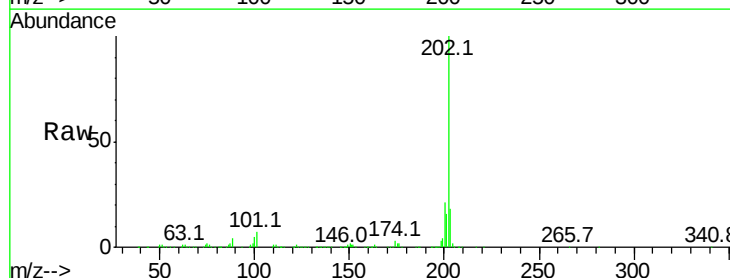
Manual Integrations  
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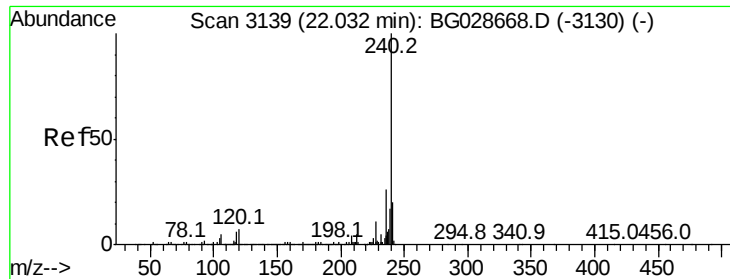
Sohil  
9/14/2017 5:54:34 PM



#74  
Fluoranthene  
Concen: 49.795 ng  
RT: 19.74 min Scan# 2748  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 7.1   | 0.0        | 30.1  |
| 203     | 17.9  | 1.3        | 41.3  |





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.03 min Scan# 3138

Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

Instrument :

BNA\_G

ClientSampleId :

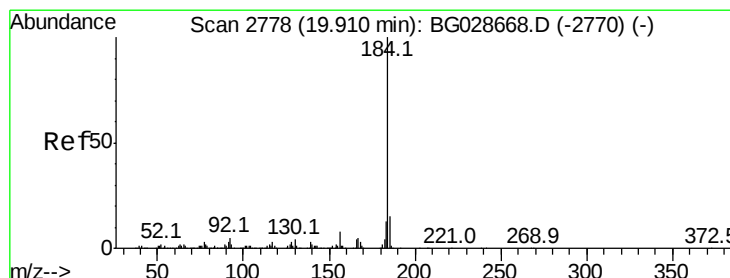
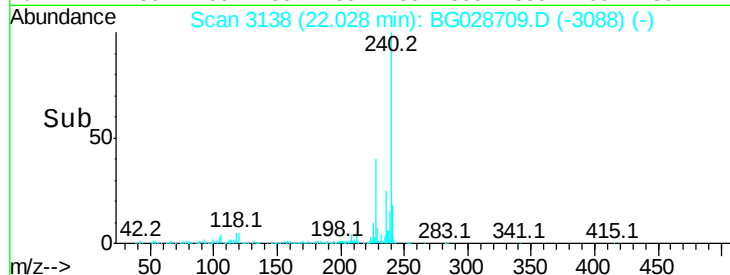
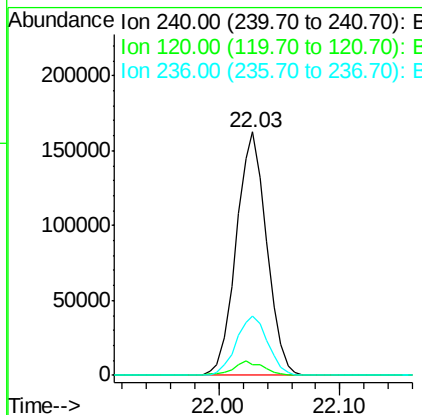
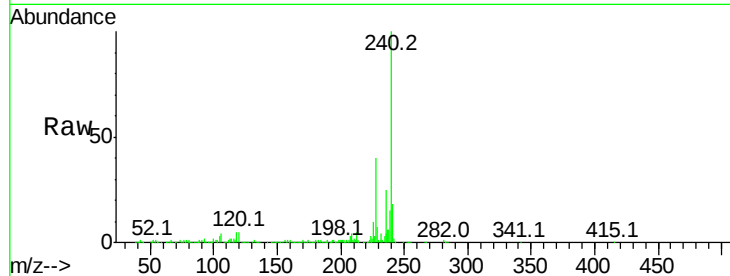
PB102294BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 4.5   | 5.7   | 8.5#  |
| 236     | 24.5  | 22.2  | 33.4  |

Manual Integrations  
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#76

Benzidine

Concen: 27.514 ng

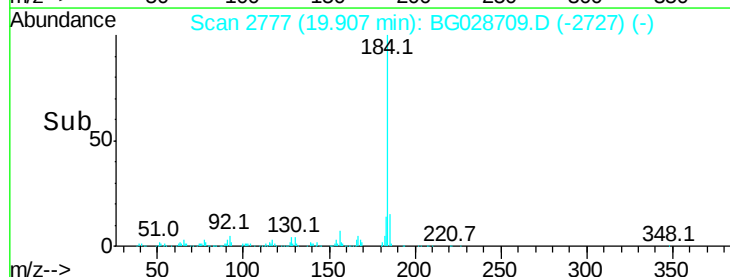
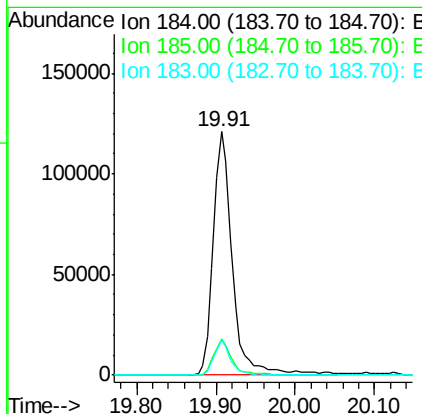
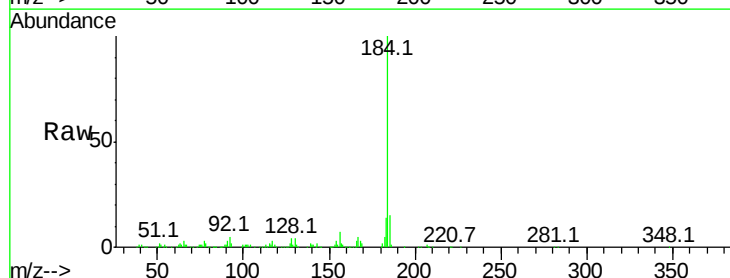
RT: 19.91 min Scan# 2777

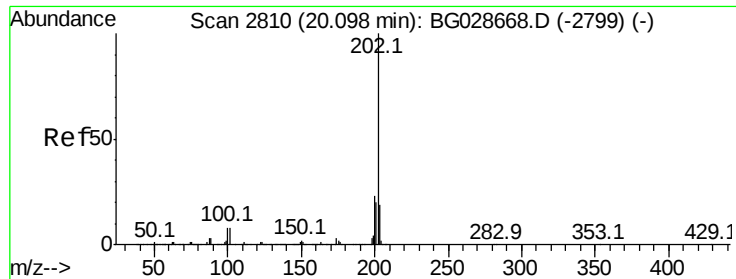
Delta R.T. -0.00 min

Lab File: BG028709.D

Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 14.7  | 13.0  | 19.6  |
| 183     | 14.1  | 11.0  | 16.6  |





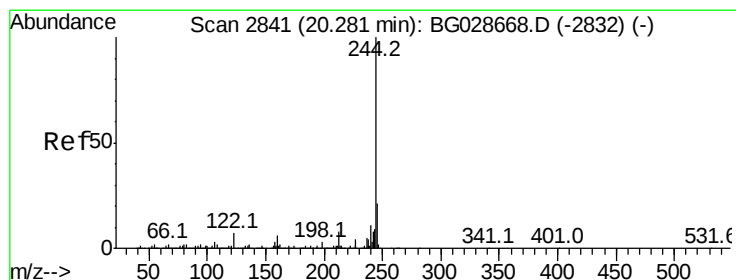
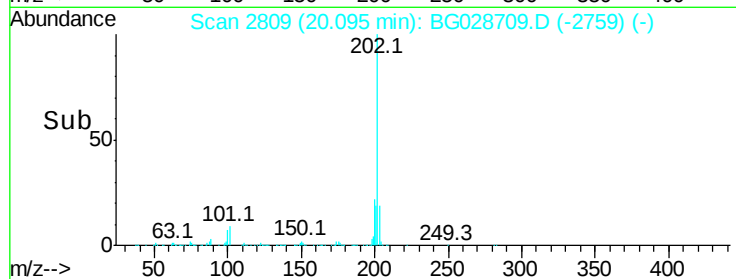
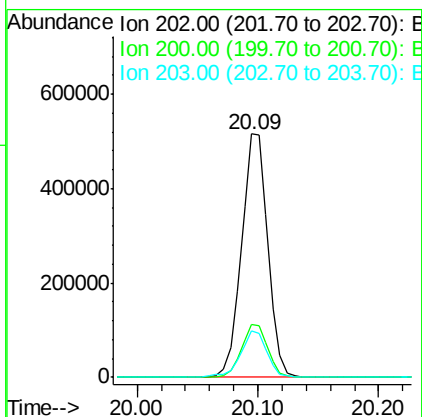
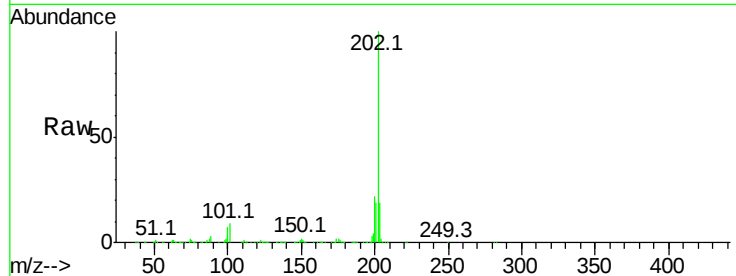
#77  
Pvrene  
Concen: 47.705 ng  
RT: 20.09 min Scan# 2809  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 200     | 21.6  | 19.6       | 29.4  |
| 203     | 19.1  | 15.8       | 23.8  |

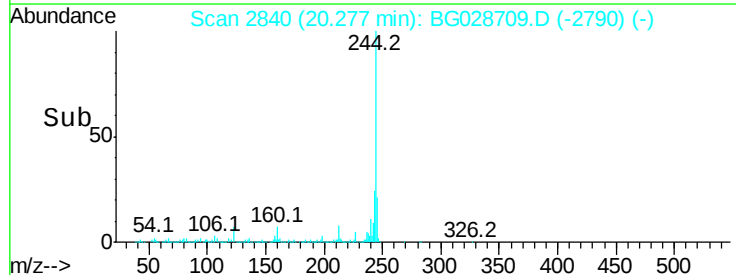
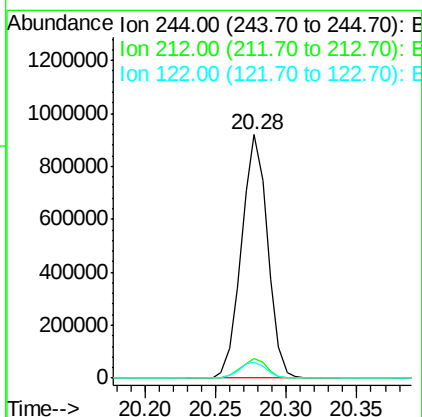
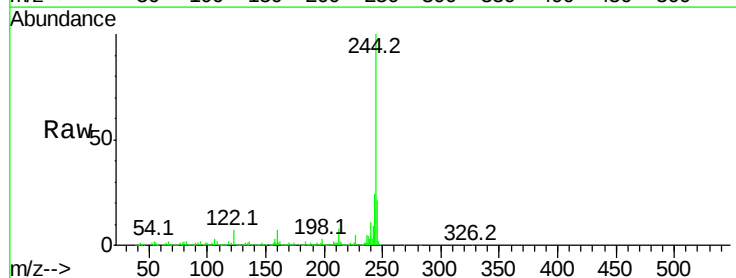
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#78  
Terphenyl-d14  
Concen: 89.380 ng  
RT: 20.28 min Scan# 2840  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 244     | 100   |            |       |
| 212     | 7.8   | 10.0       | 15.0# |
| 122     | 6.6   | 8.6        | 12.8# |





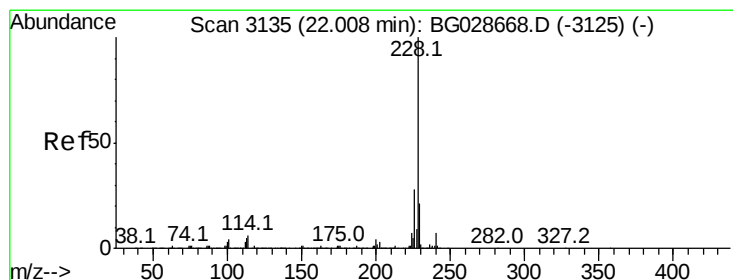
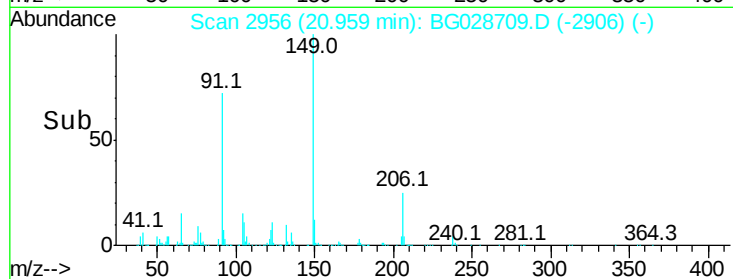
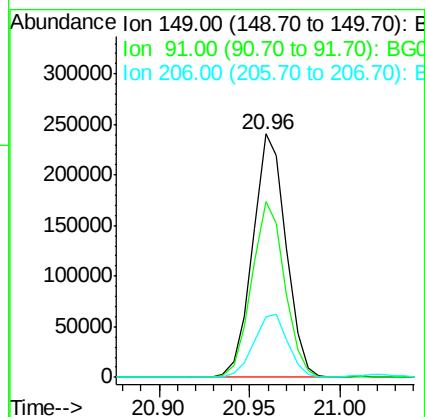
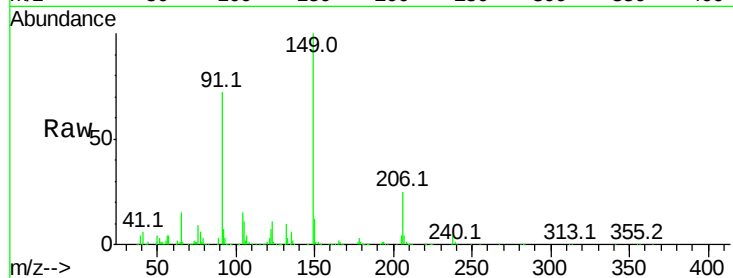
#79  
Butylbenzylphthalate  
Concen: 46.163 ng  
RT: 20.96 min Scan# 2956  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 91      | 72.3  | 63.5 | 95.3  |       |
| 206     | 25.0  | 21.0 | 31.6  |       |

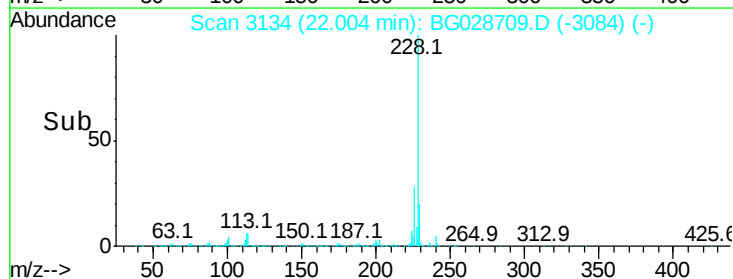
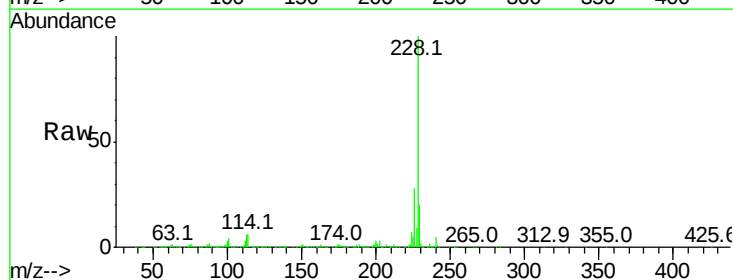
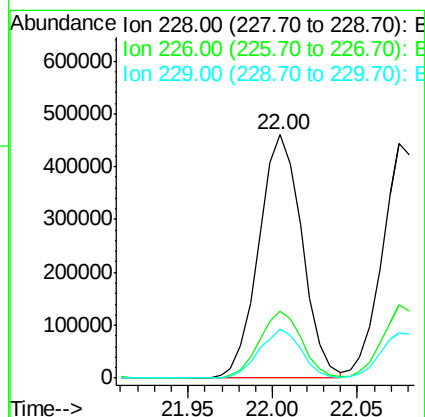
Manual Integrations  
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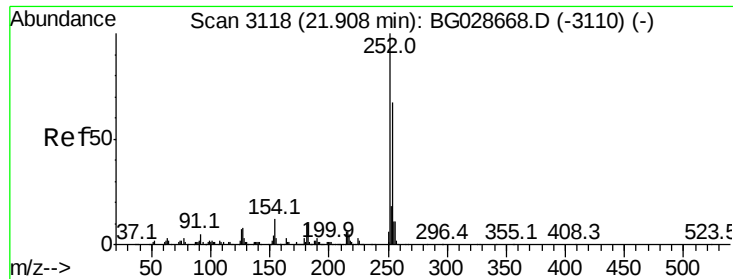
Sohil  
9/14/2017 5:54:34 PM



#80  
Benzo(a)anthracene  
Concen: 47.828 ng  
RT: 22.00 min Scan# 3134  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 228     | 100   |      |       |       |
| 226     | 27.7  | 24.9 | 37.3  |       |
| 229     | 20.1  | 18.2 | 27.2  |       |





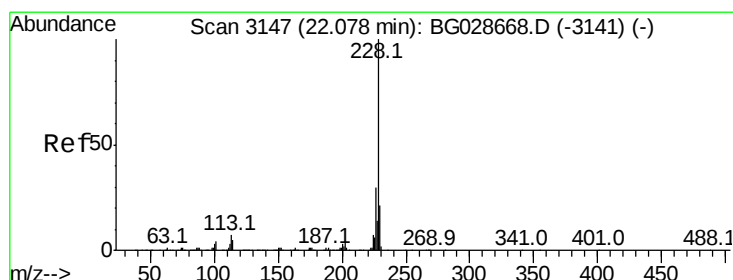
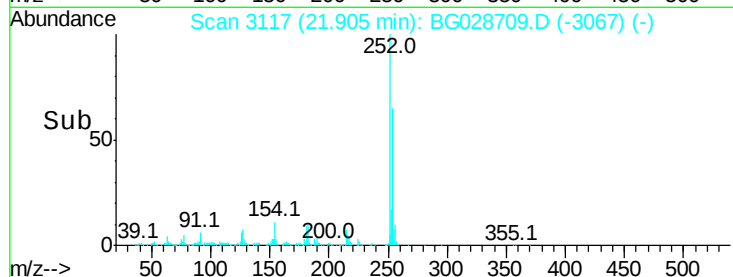
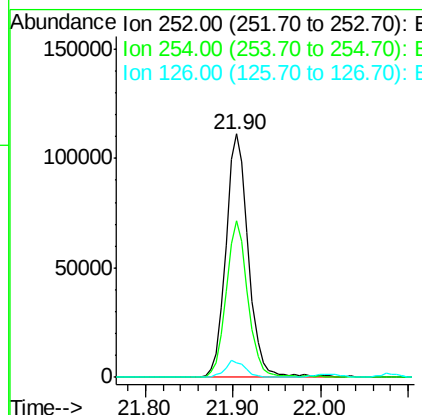
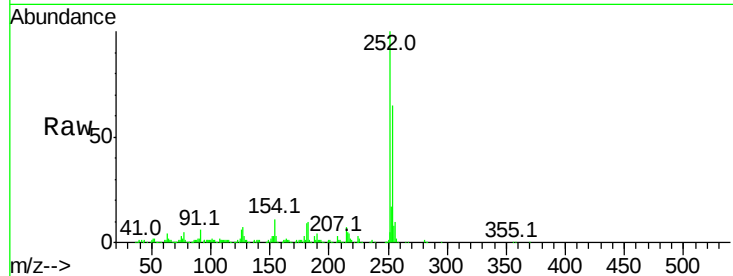
#81  
 3,3'-Dichlorobenzidine  
 Concen: 28.359 ng  
 RT: 21.90 min Scan# 3117  
 Delta R.T. -0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102294BS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 252     | 100   |            |       |
| 254     | 64.6  | 53.1       | 79.7  |
| 126     | 6.0   | 7.0        | 10.4  |

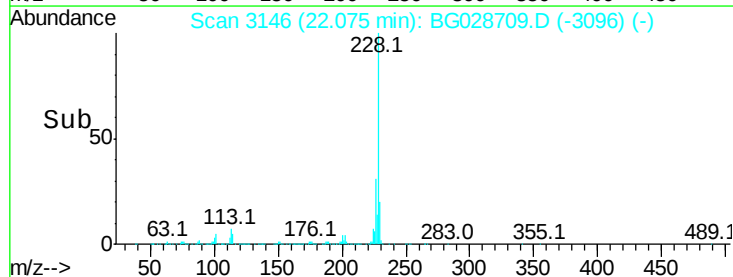
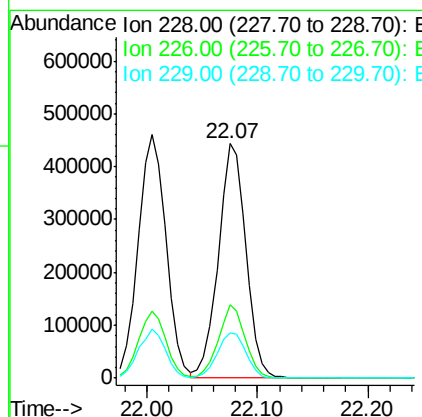
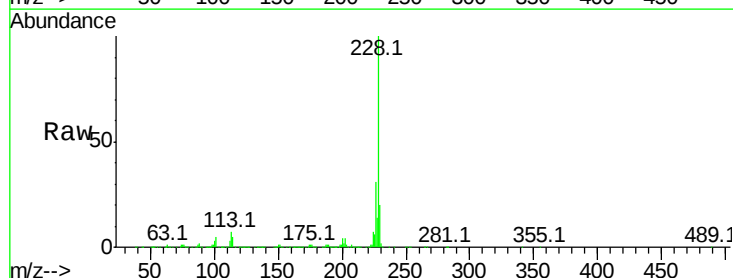
Manual Integrations  
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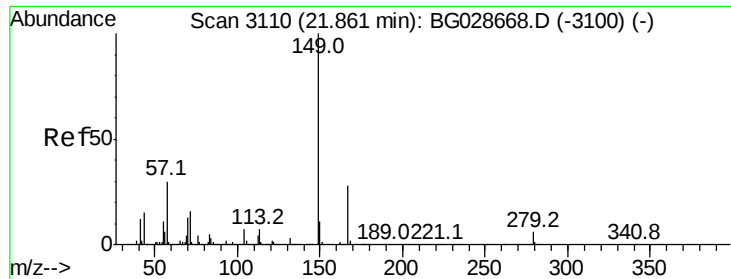
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 9/14/2017 5:54:34 PM



#82  
 Chrysene  
 Concen: 47.076 ng  
 RT: 22.07 min Scan# 3146  
 Delta R.T. -0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 228     | 100   |            |       |
| 226     | 31.5  | 27.0       | 40.4  |
| 229     | 19.5  | 17.8       | 26.6  |





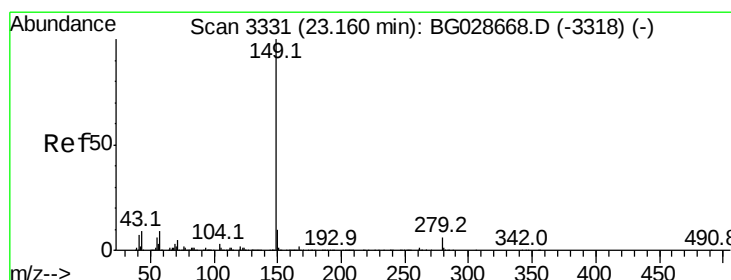
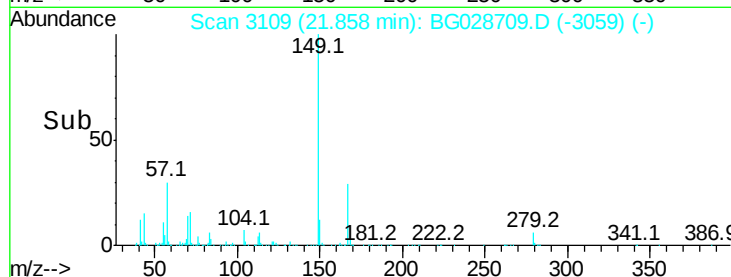
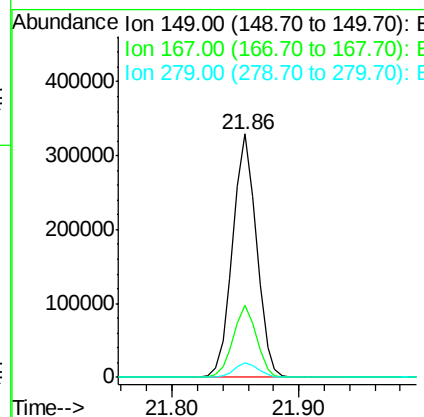
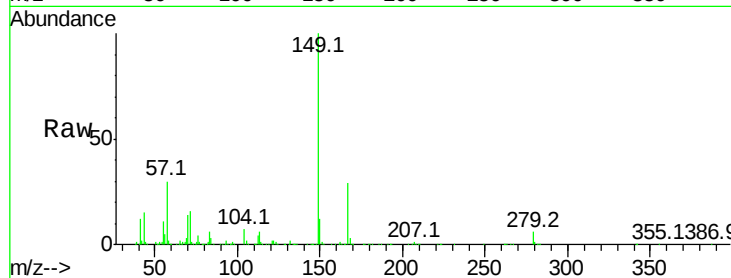
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.429 ng  
 RT: 21.86 min Scan# 3109  
 Delta R.T. -0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102294BS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 428065 |       |       |
| 167     | 29.4  | 23.7   | 35.5  |       |
| 279     | 6.2   | 4.6    | 6.8   |       |

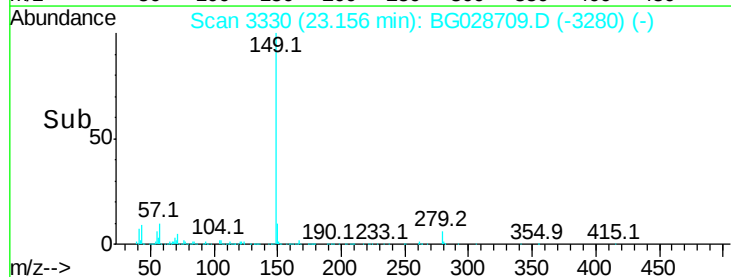
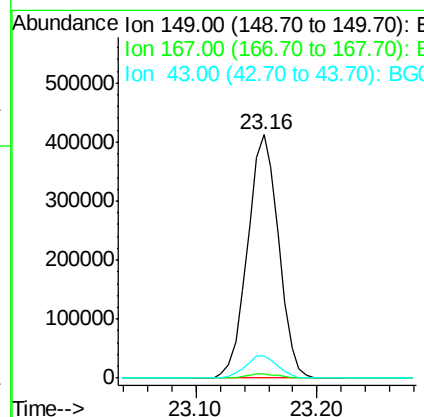
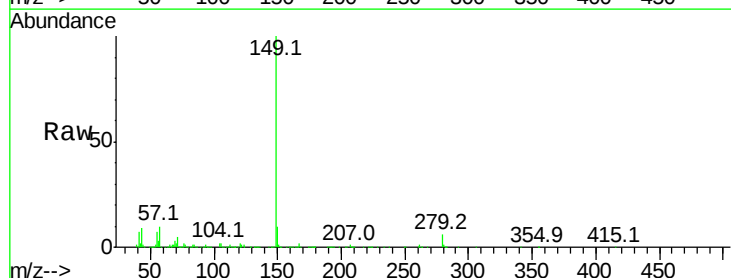
Manual Integrations  
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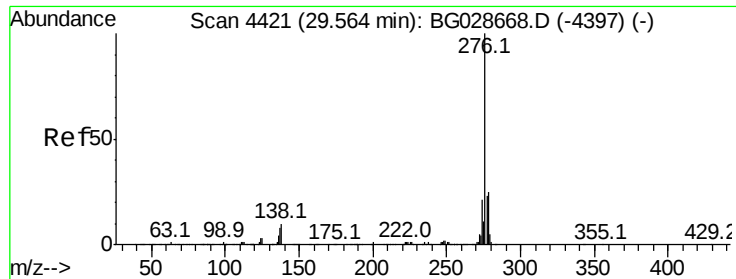
Sohil  
 9/14/2017 5:54:34 PM



#84  
 Di-n-octyl phthalate  
 Concen: 44.874 ng  
 RT: 23.16 min Scan# 3330  
 Delta R.T. -0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 738756 |       |       |
| 167     | 1.9   | 1.4    | 2.2   |       |
| 43      | 9.4   | 11.8   | 17.6  |       |





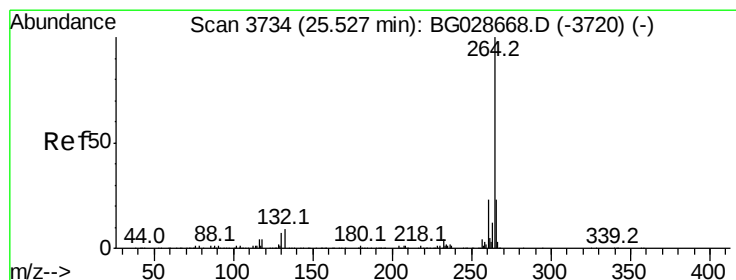
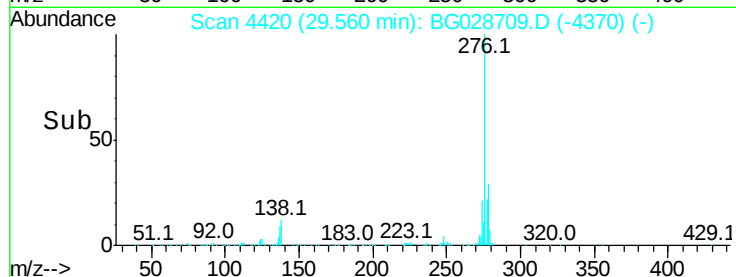
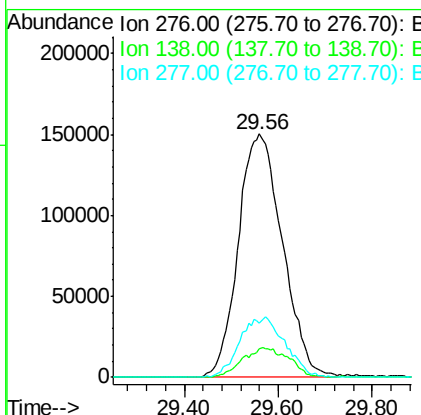
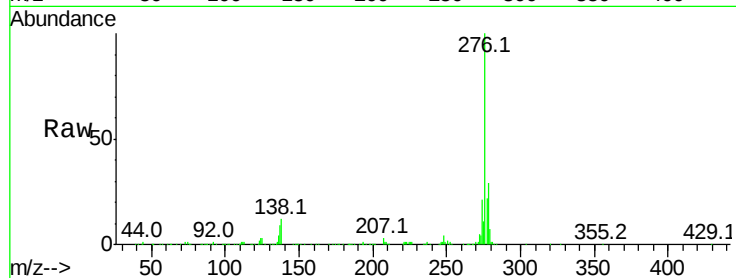
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 46.857 ng  
 RT: 29.56 min Scan# 4420  
 Delta R.T. -0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102294BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 12.9  | 4.7   | 7.1#  |
| 277     | 11.9  | 20.6  | 31.0# |

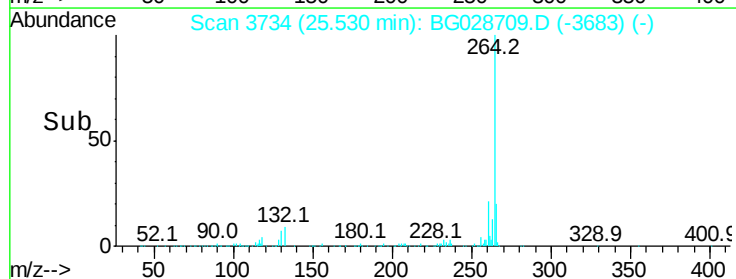
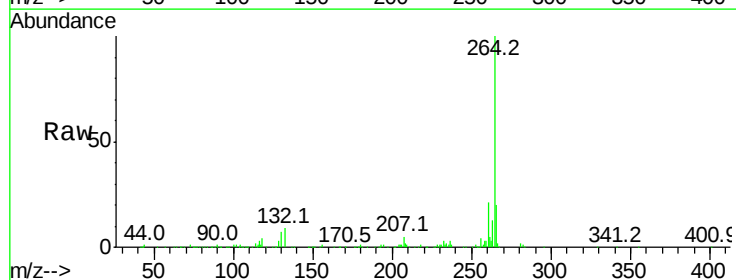
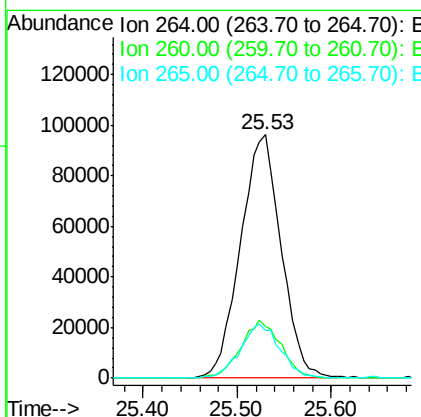
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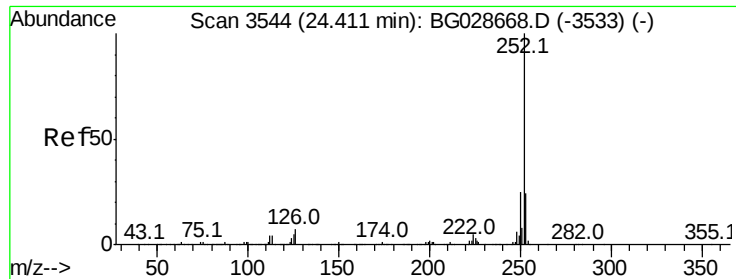
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#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.53 min Scan# 3734  
 Delta R.T. 0.00 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 21.5  | 21.8  | 32.8# |
| 265     | 19.5  | 18.2  | 27.4  |





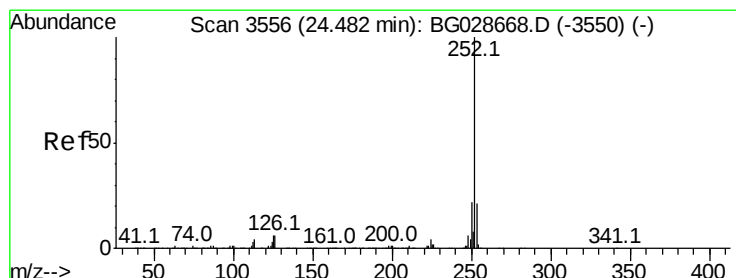
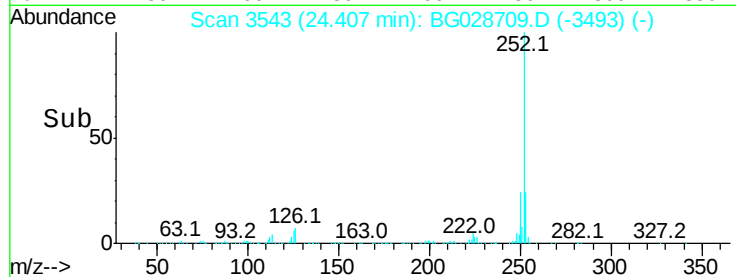
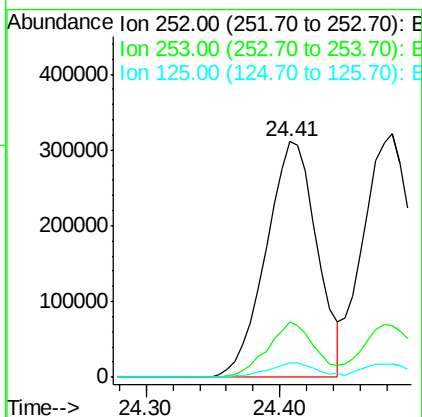
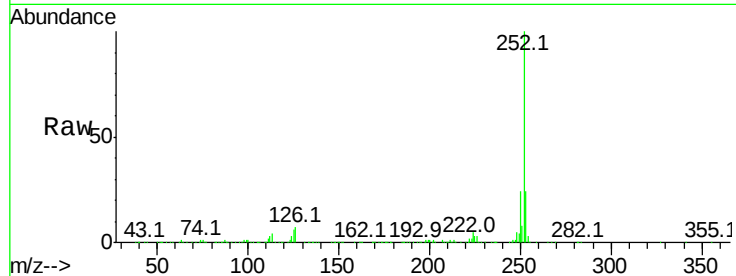
#87  
Benzo(b)fluoranthene  
Concen: 47.925 ng  
RT: 24.41 min Scan# 3543  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.6  | 18.7  | 28.1  |
| 125     | 6.4   | 5.3   | 7.9   |

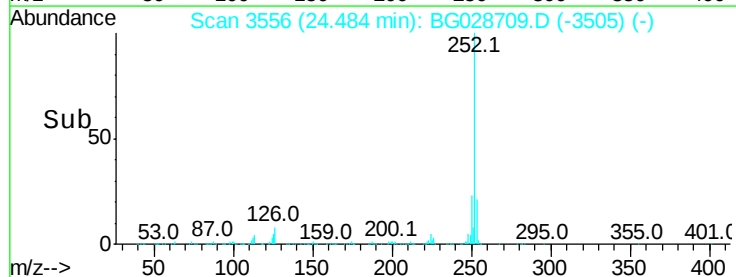
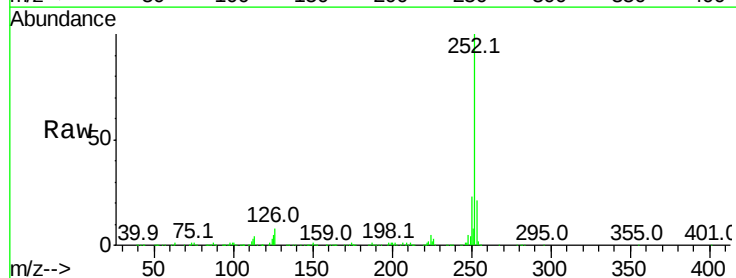
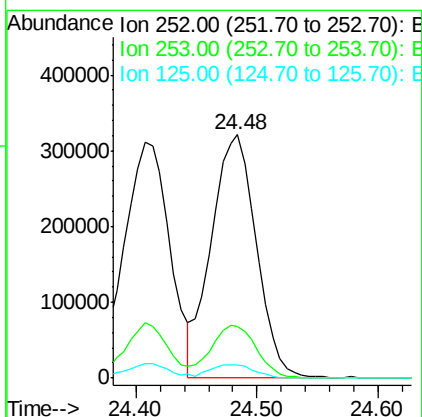
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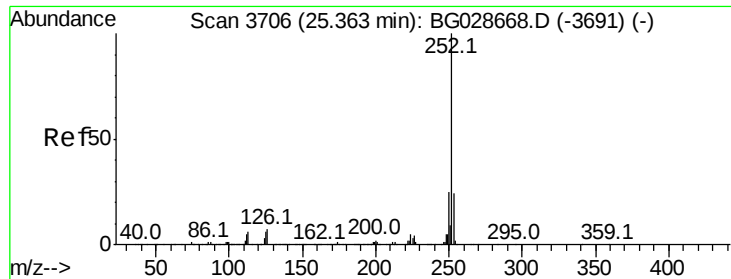
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#88  
Benzo(k)fluoranthene  
Concen: 47.967 ng  
RT: 24.48 min Scan# 3556  
Delta R.T. 0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.3  | 20.2  | 30.2  |
| 125     | 5.3   | 5.1   | 7.7   |





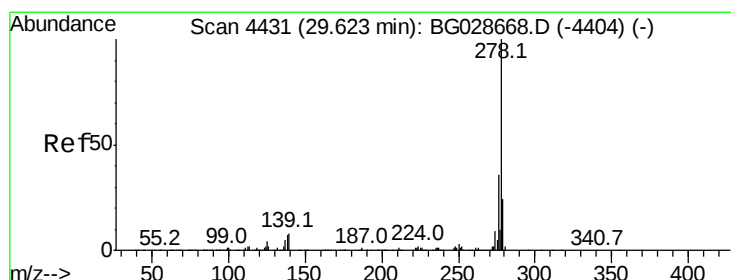
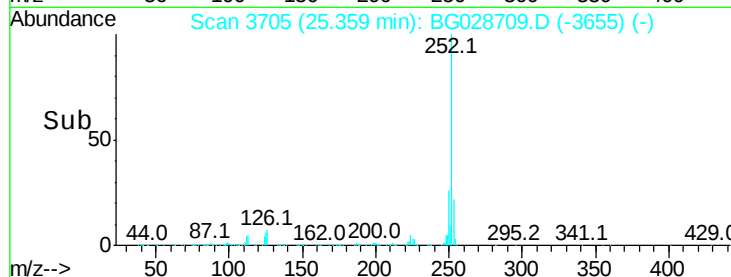
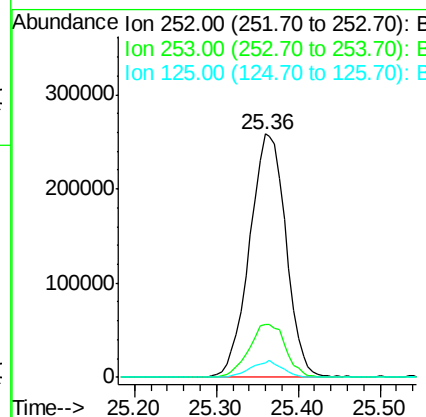
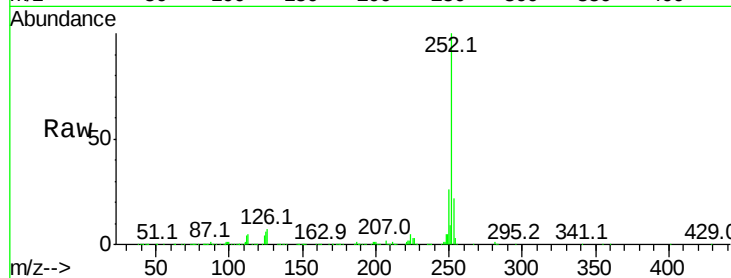
#89  
Benzo(a)pyrene  
Concen: 48.882 ng  
RT: 25.36 min Scan# 3705  
Delta R.T. -0.00 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

Instrument :  
BNA\_G  
ClientSampleId :  
PB102294BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.8  | 19.2  | 28.8  |
| 125     | 5.9   | 5.4   | 8.0   |

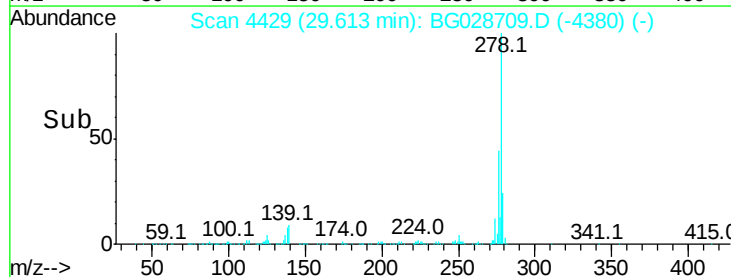
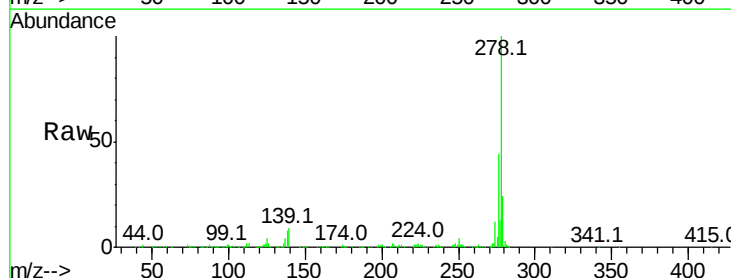
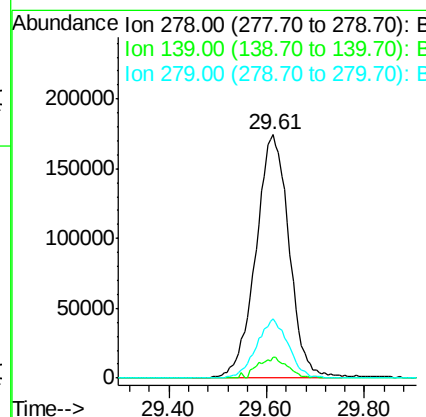
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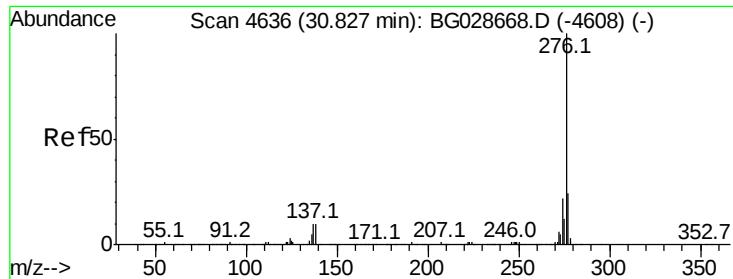
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#90  
Dibenzo(a,h)anthracene  
Concen: 48.628 ng  
RT: 29.61 min Scan# 4429  
Delta R.T. -0.01 min  
Lab File: BG028709.D  
Acq: 13 Sep 2017 22:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.6   | 7.7   | 11.5  |
| 279     | 24.3  | 19.1  | 28.7  |





#91  
 Benzo(a,h,i)perylene  
 Concen: 47.994 ng  
 RT: 30.81 min Scan# 4633  
 Delta R.T. -0.02 min  
 Lab File: BG028709.D  
 Acq: 13 Sep 2017 22:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB102294BS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 276   | Resp: | 798581 |
| Ion Ratio | Lower | Upper |        |
| 276       | 100   |       |        |
| 277       | 23.3  | 18.6  | 27.8   |
| 138       | 10.0  | 8.1   | 12.1   |

Manual Integrations  
 APPROVED

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