

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121918\  
 Data File : BG038736.D  
 Acq On : 19 Dec 2018 21:04  
 Operator : JU/SJ  
 Sample : J6465-03MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB03\_12-14MSD

Manual Integrations  
 APPROVED

Sohil  
 12/20/2018 1:06:42 PM

Quant Time: Dec 20 00:34:10 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.06  | 152  | 26486    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.88 | 136  | 105176   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 68470    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.44 | 188  | 172525   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.72 | 240  | 179202   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.01 | 264  | 193056   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 159813 | 107.02 | ng | 0.00 |
| 7) Phenol-d6             | 7.21  | 99  | 224197 | 109.36 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.24  | 82  | 135195 | 65.67  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.19 | 330 | 108933 | 115.44 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.31 | 172 | 342973 | 68.72  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.04 | 244 | 635845 | 77.22  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88  | 17221  | 24.778 | ng | 93     |
| 3) Pyridine                    | 3.90  | 79  | 48918  | 25.565 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 31280  | 33.363 | ng | # 91   |
| 6) Aniline                     | 7.39  | 93  | 74256  | 28.375 | ng | 97     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 58546  | 33.879 | ng | 96     |
| 9) Benzaldehyde                | 7.20  | 77  | 17919  | 13.474 | ng | 96     |
| 10) Phenol                     | 7.24  | 94  | 86543  | 39.736 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.47  | 93  | 49937  | 28.799 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146 | 62480  | 30.579 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146 | 63423  | 30.308 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146 | 61663  | 31.256 | ng | 99     |
| 15) Benzyl Alcohol             | 8.30  | 79  | 55076  | 34.420 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45  | 106815 | 26.891 | ng | 98     |
| 17) 2-Methylphenol             | 8.50  | 107 | 50459  | 34.580 | ng | 97     |
| 18) Hexachloroethane           | 9.14  | 117 | 22952  | 30.015 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.86  | 70  | 42205  | 29.313 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 69029  | 34.254 | ng | 98     |
| 22) Acetophenone               | 8.88  | 105 | 86071  | 32.763 | ng | # 96   |
| 24) Nitrobenzene               | 9.28  | 77  | 66516  | 31.937 | ng | 96     |
| 25) Isophorone                 | 9.79  | 82  | 119785 | 32.383 | ng | # 99   |
| 26) 2-Nitrophenol              | 9.99  | 139 | 34797  | 32.644 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 59812  | 39.152 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93  | 68069  | 32.609 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.52 | 162 | 63024  | 37.083 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 69257  | 33.736 | ng | 97     |
| 31) Naphthalene                | 10.92 | 128 | 183501 | 35.410 | ng | 98     |
| 32) Benzoic acid               | 10.17 | 122 | 17437m | 24.329 | ng |        |
| 33) 4-Chloroaniline            | 11.04 | 127 | 67442  | 29.976 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.19 | 225 | 46211  | 33.267 | ng | 96     |
| 35) Caprolactam                | 11.82 | 113 | 21314  | 30.304 | ng | # 90   |
| 36) 4-Chloro-3-methylphenol    | 12.15 | 107 | 66106  | 34.085 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.52 | 142 | 137027 | 37.064 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.74 | 142 | 130909 | 36.491 | ng | 97     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216 | 83822  | 32.751 | ng | 99     |

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Instrument :  
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Manual Integrations  
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 12/20/2018 1:06:42 PM

Quant Time: Dec 20 00:34:10 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 12 15:26:27 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.85 | 237  | 97478    | 69.324 | nq    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.13 | 196  | 57452    | 36.508 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.20 | 196  | 60664    | 36.409 | nq    | 95       |
| 46) 1,1'-Biphenyl              | 13.53 | 154  | 180759   | 31.491 | nq    | 98       |
| 47) 2-Chloronaphthalene        | 13.57 | 162  | 148122   | 33.407 | nq    | 98       |
| 48) 2-Nitroaniline             | 13.78 | 65   | 47228    | 33.441 | nq    | 99       |
| 49) Acenaphthylene             | 14.42 | 152  | 239647   | 36.155 | nq    | 99       |
| 50) Dimethylphthalate          | 14.14 | 163  | 217439   | 38.887 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.28 | 165  | 42922    | 33.873 | nq    | 89       |
| 52) Acenaphthene               | 14.76 | 154  | 135813   | 34.265 | nq    | 100      |
| 53) 3-Nitroaniline             | 14.61 | 138  | 38509    | 29.813 | nq    | 89       |
| 54) 2,4-Dinitrophenol          | 14.82 | 184  | 41966    | 57.238 | nq    | 97       |
| 55) Dibenzofuran               | 15.09 | 168  | 233713   | 34.399 | nq    | 98       |
| 56) 4-Nitrophenol              | 14.91 | 139  | 66292    | 67.651 | nq    | 95       |
| 57) 2,4-Dinitrotoluene         | 15.06 | 165  | 62532    | 35.038 | nq    | 96       |
| 58) Fluorene                   | 15.74 | 166  | 186457   | 37.042 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.31 | 232  | 58566    | 39.069 | nq    | 98       |
| 60) Diethylphthalate           | 15.49 | 149  | 192862   | 31.420 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.72 | 204  | 105066   | 33.453 | nq    | 97       |
| 62) 4-Nitroaniline             | 15.78 | 138  | 46776    | 35.175 | nq    | 98       |
| 63) Azobenzene                 | 16.02 | 77   | 164459   | 32.072 | nq    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 37937    | 30.825 | nq    | 87       |
| 66) n-Nitrosodiphenylamine     | 15.95 | 169  | 169986   | 33.533 | nq    | 96       |
| 67) 4-Bromophenyl-phenylether  | 16.62 | 248  | 68955    | 32.726 | nq    | 98       |
| 68) Hexachlorobenzene          | 16.73 | 284  | 73280    | 33.551 | nq    | 97       |
| 69) Atrazine                   | 16.89 | 200  | 69907    | 37.160 | nq    | 99       |
| 70) Pentachlorophenol          | 17.09 | 266  | 76271    | 59.038 | nq    | 99       |
| 71) Phenanthrene               | 17.49 | 178  | 320872   | 35.865 | nq    | 98       |
| 72) Anthracene                 | 17.57 | 178  | 329547   | 37.312 | nq    | 98       |
| 73) Carbazole                  | 17.85 | 167  | 290332   | 33.239 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.38 | 149  | 335645   | 33.488 | nq    | 99       |
| 75) Fluoranthene               | 19.49 | 202  | 401845   | 36.302 | nq    | 98       |
| 77) Benzidine                  | 19.68 | 184  | 236877   | 44.696 | nq    | 100      |
| 78) Pyrene                     | 19.85 | 202  | 403262   | 34.063 | nq    | 99       |
| 80) Butylbenzylphthalate       | 20.72 | 149  | 152552   | 32.983 | nq    | 99       |
| 81) Benzo(a)anthracene         | 21.70 | 228  | 394985   | 36.172 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.62 | 252  | 118375   | 27.333 | nq    | 97       |
| 83) Chrysene                   | 21.77 | 228  | 367562   | 34.947 | nq    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.56 | 149  | 210765   | 32.130 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.79 | 149  | 365137   | 33.237 | nq    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.80 | 276  | 446825   | 36.135 | nq    | # 59     |
| 88) Benzo(b)fluoranthene       | 23.96 | 252  | 393907   | 37.163 | nq    | 99       |
| 89) Benzo(k)fluoranthene       | 24.03 | 252  | 373909   | 35.425 | nq    | 97       |
| 90) Benzo(a)pyrene             | 24.86 | 252  | 380237   | 37.184 | nq    | # 98     |
| 91) Dibenzo(a,h)anthracene     | 28.86 | 278  | 371951   | 36.532 | nq    | 98       |
| 92) Benzo(g,h,i)perylene       | 29.98 | 276  | 370206   | 36.895 | nq    | 96       |

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





#1

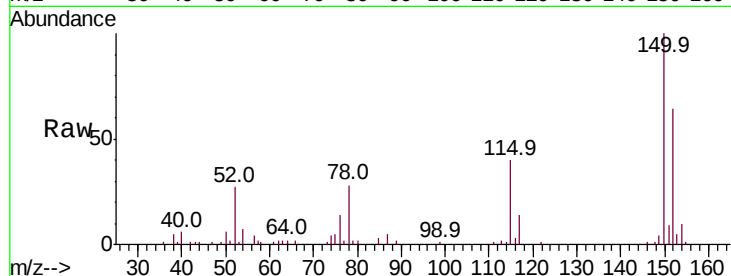
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.06 min Scan# 845  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.7 | 119.5 | 179.3 |
| 115     | 63.2  | 49.6  | 74.4  |

Manual Integrations  
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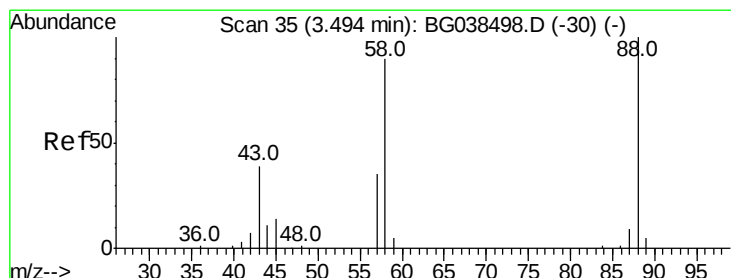
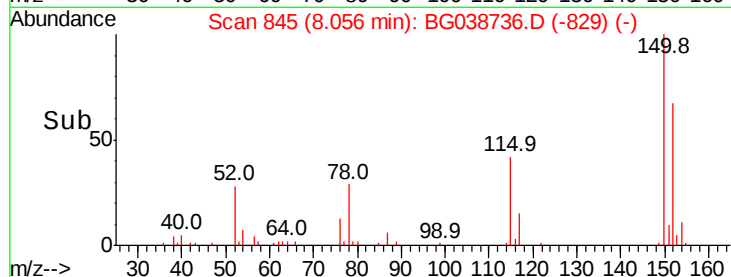
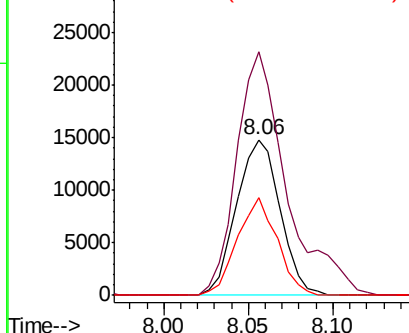


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

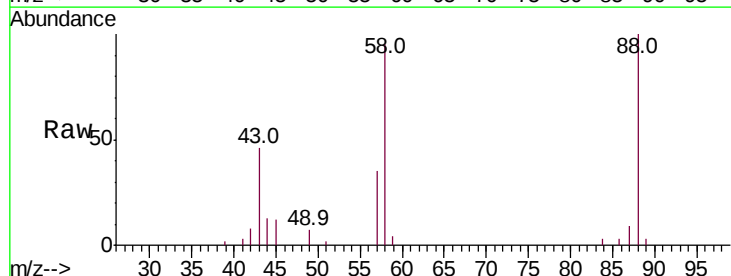
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 24.778 ng  
RT: 3.49 min Scan# 68  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 100.5 | 75.7  | 113.5 |
| 43      | 45.1  | 31.6  | 47.4  |

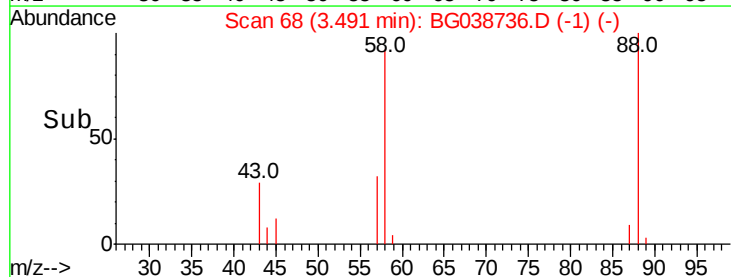
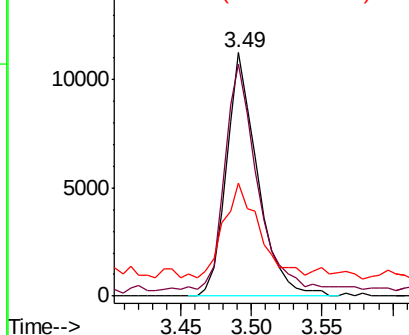


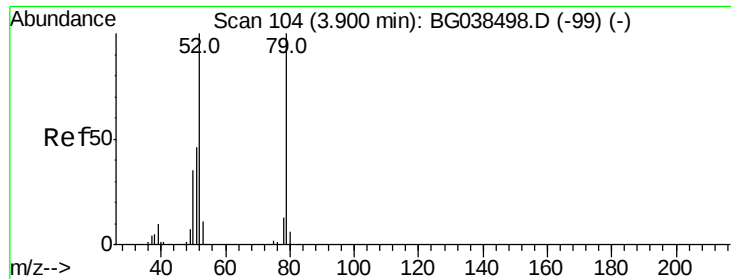
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





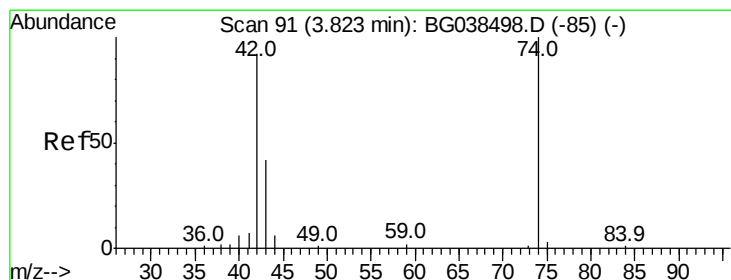
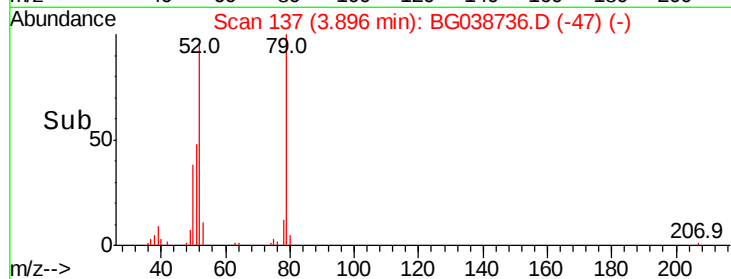
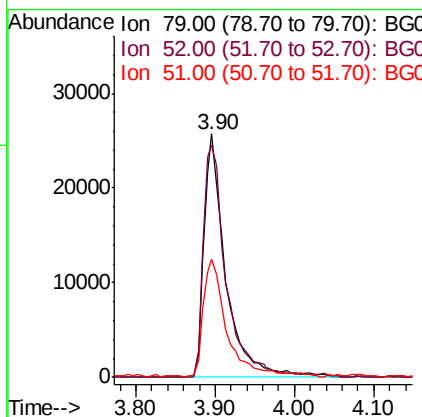
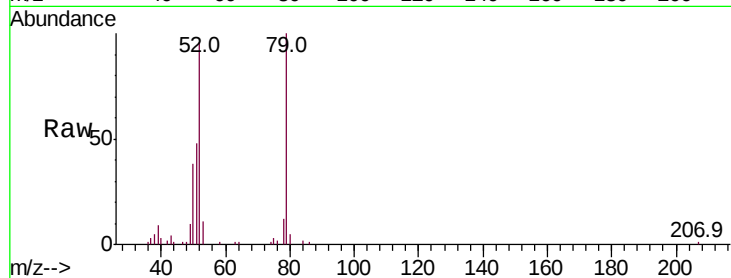
#3  
 Pvridine  
 Concen: 25.565 ng  
 RT: 3.90 min Scan# 137  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 95.5  | 80.2  | 120.2 |
| 51      | 48.5  | 38.0  | 57.0  |

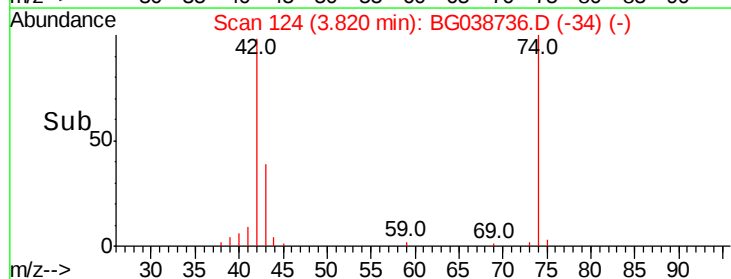
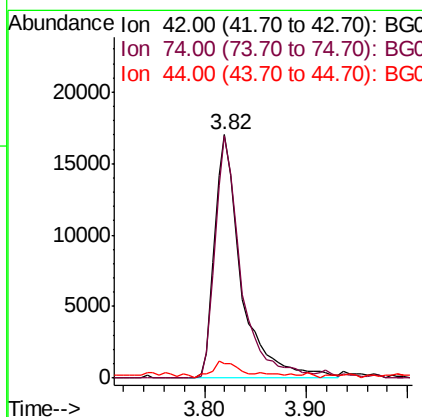
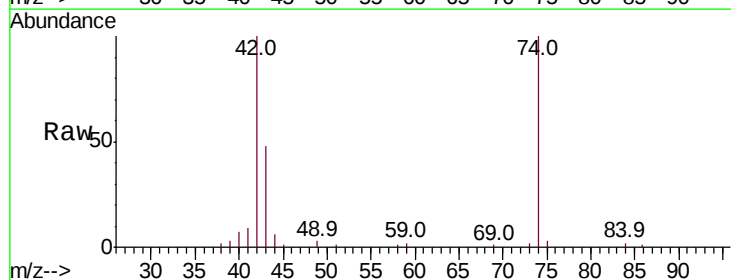
Manual Integrations  
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#4  
 n-Nitrosodimethylamine  
 Concen: 33.363 ng  
 RT: 3.82 min Scan# 124  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 99.7  | 86.7  | 130.1 |
| 44      | 5.7   | 7.8   | 11.8# |





#5

2-Fluorophenol

Concen: 107.020 ng

RT: 5.61 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

Instrument :

BNA\_G

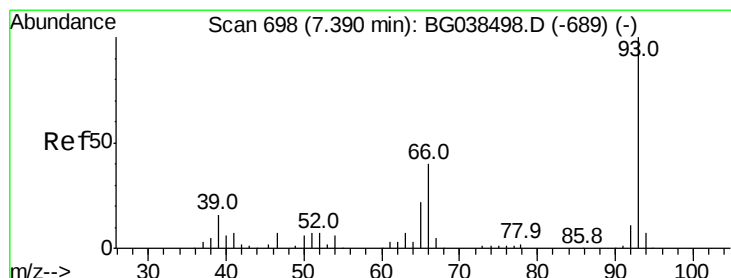
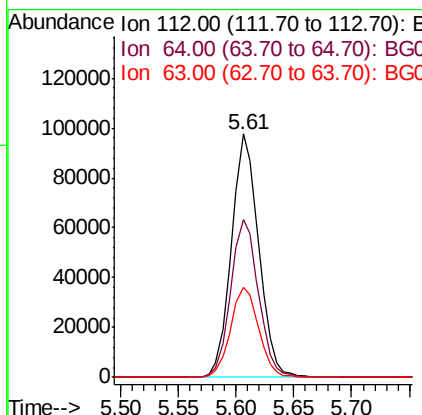
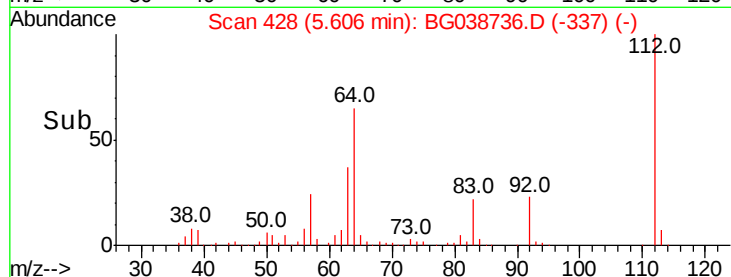
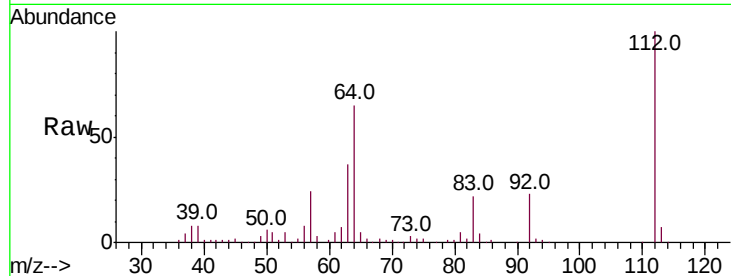
ClientSampleId :

EB03\_12-14MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 159813 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 64.9  | 53.4  | 80.2   |
| 63        | 36.7  | 29.3  | 43.9   |

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#6

Aniline

Concen: 28.375 ng

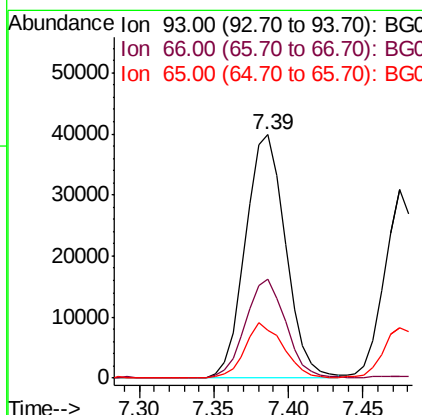
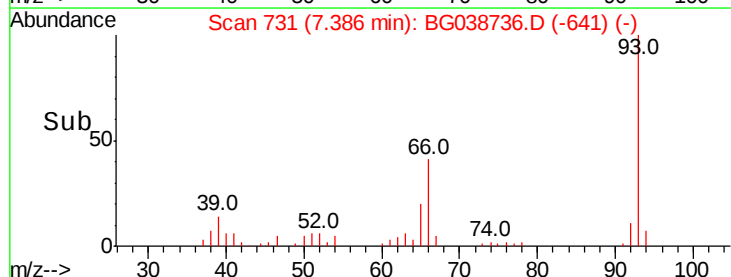
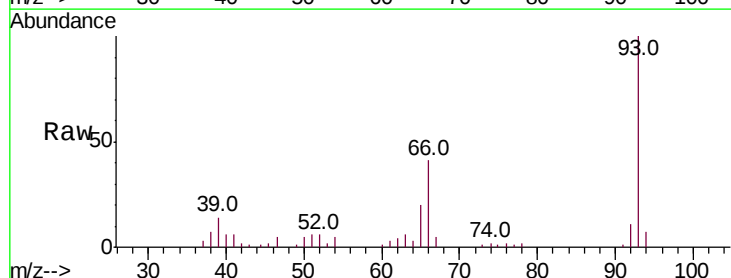
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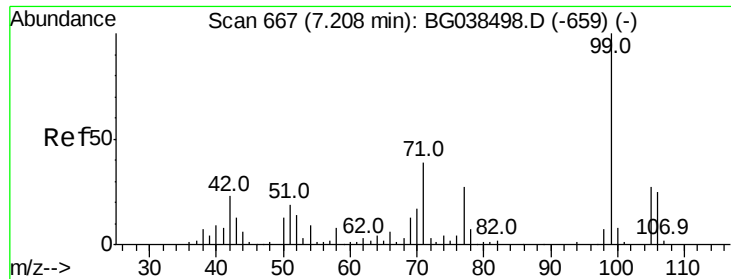
Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 74256 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 40.6  | 31.7  | 47.5  |
| 65        | 19.7  | 17.8  | 26.6  |





#7

Phenol-d6

Concen: 109.364 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

Instrument :

BNA\_G

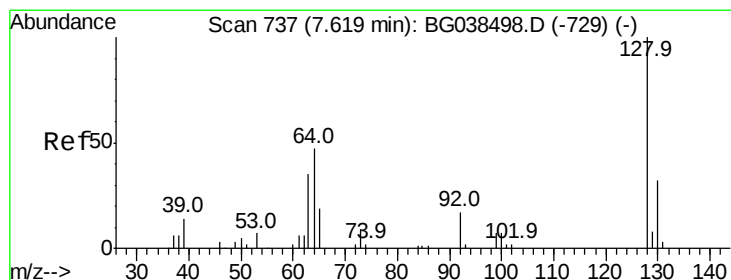
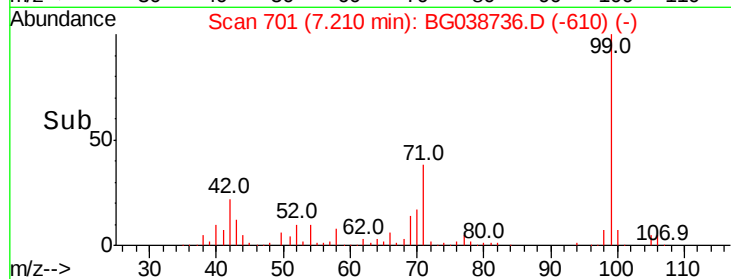
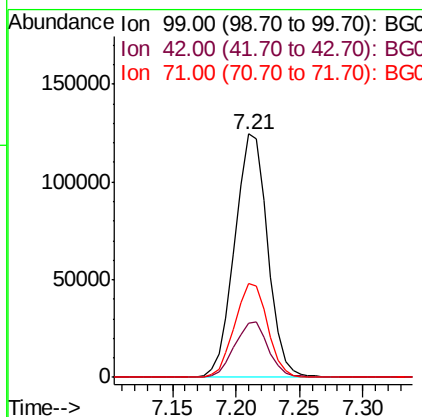
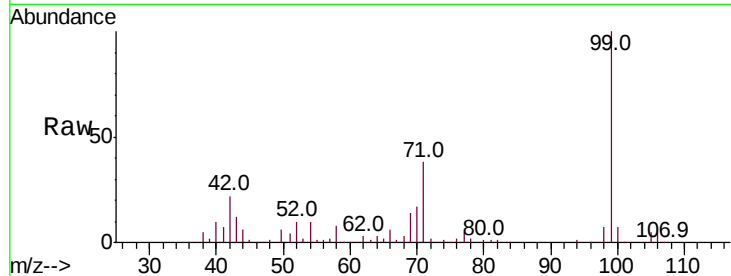
ClientSampleId :

EB03\_12-14MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 99    | Resp: | 224197 |
| Ion Ratio | Lower | Upper |        |
| 99        | 100   |       |        |
| 42        | 22.0  | 18.5  | 27.7   |
| 71        | 38.3  | 31.1  | 46.7   |

Manual Integrations  
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#8

2-Chlorophenol

Concen: 33.879 ng

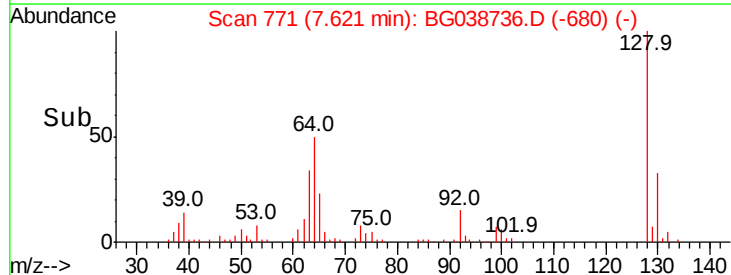
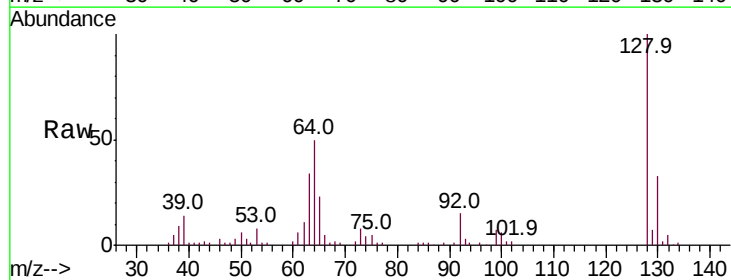
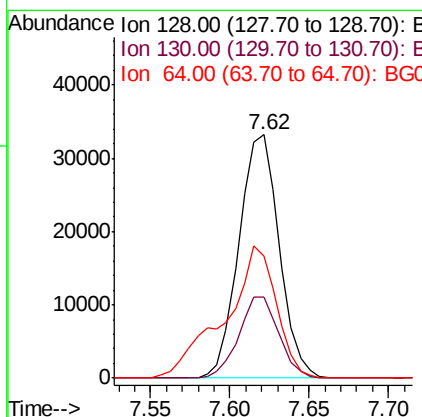
RT: 7.62 min Scan# 771

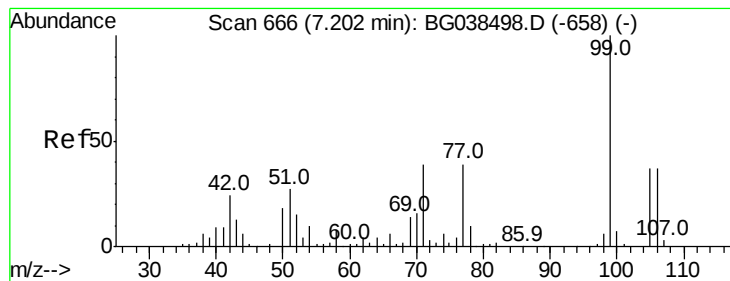
Delta R.T. 0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 128   | Resp: | 58546 |
| Ion Ratio | Lower | Upper |       |
| 128       | 100   |       |       |
| 130       | 33.1  | 11.8  | 51.8  |
| 64        | 50.1  | 33.2  | 73.2  |





#9

Benzaldehyde

Concen: 13.474 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

Instrument :

BNA\_G

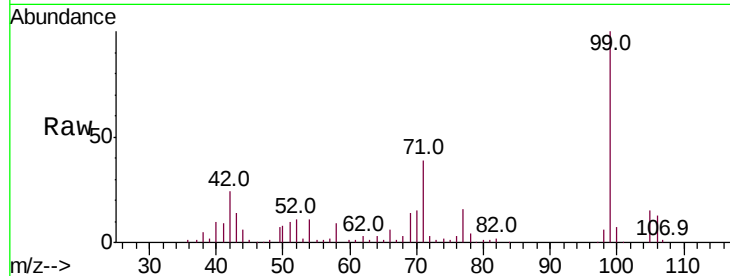
ClientSampleId :

EB03\_12-14MSD

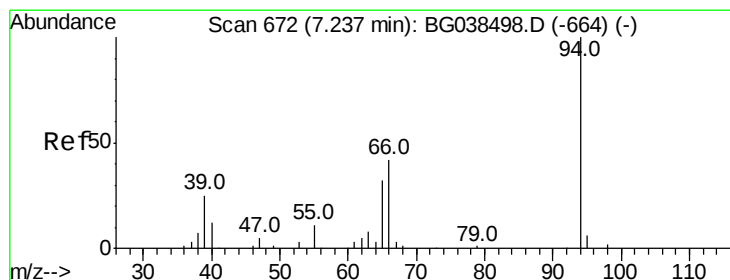
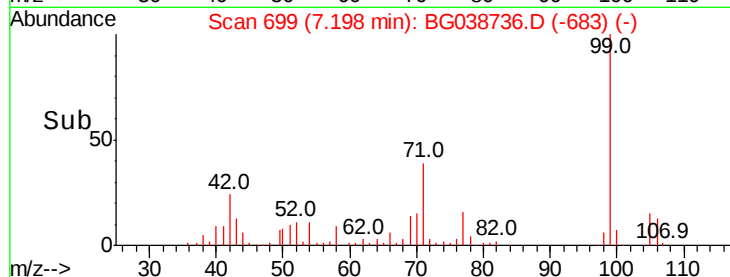
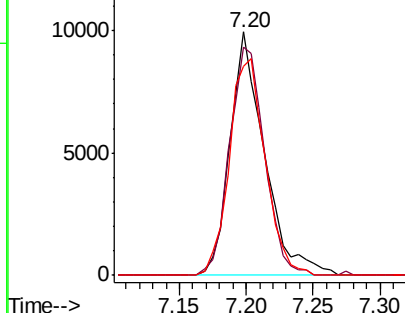
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 77    | Resp: | 17919 |
| Ion      | Ratio | Lower | Upper |
| 77       | 100   |       |       |
| 105      | 93.8  | 74.0  | 114.0 |
| 106      | 85.6  | 73.9  | 113.9 |

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



#10

Phenol

Concen: 39.736 ng

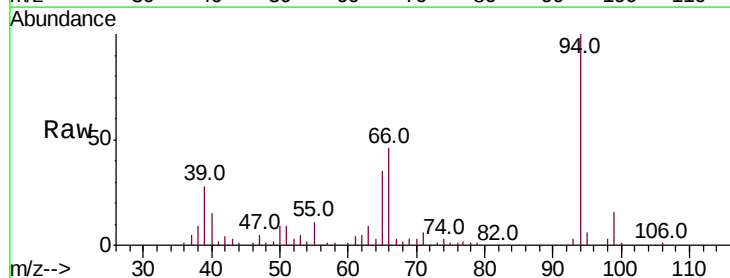
RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

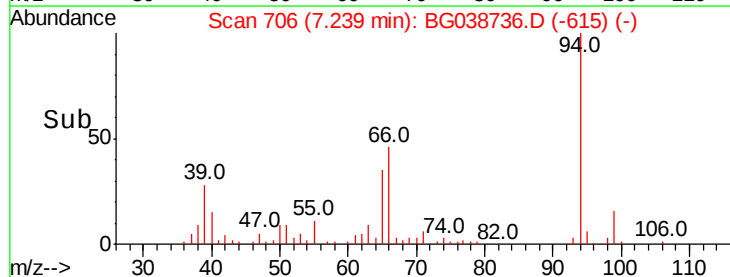
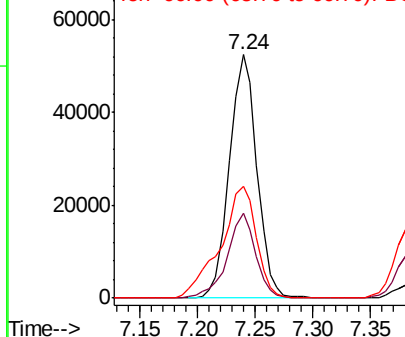
Lab File: BG038736.D

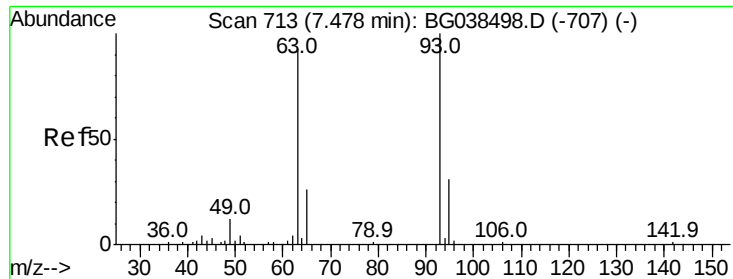
Acq: 19 Dec 2018 21:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 94    | Resp: | 86543 |
| Ion      | Ratio | Lower | Upper |
| 94       | 100   |       |       |
| 65       | 34.6  | 12.6  | 52.6  |
| 66       | 45.8  | 24.1  | 64.1  |



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





#11

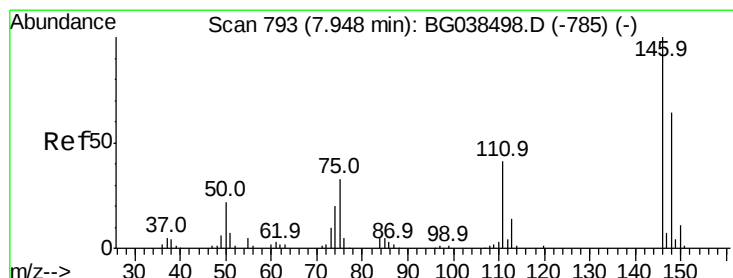
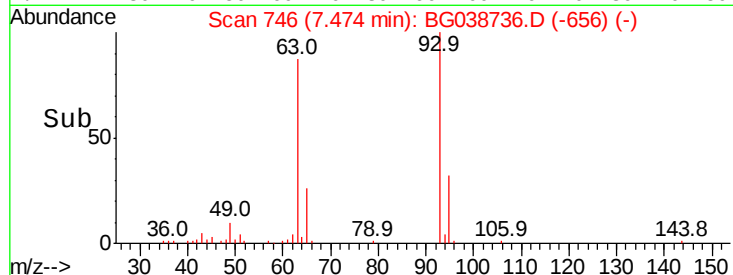
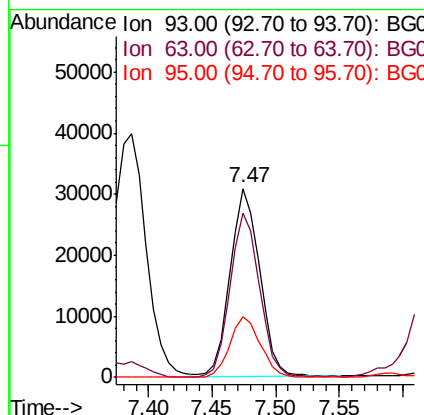
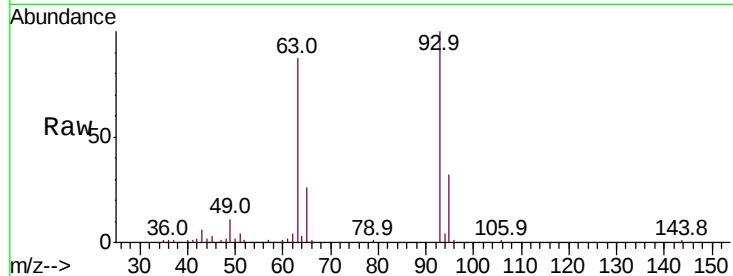
bis(2-Chloroethyl)ether  
Concen: 28.799 ng  
RT: 7.47 min Scan# 746  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 86.8  | 72.2  | 112.2 |
| 95      | 32.3  | 11.2  | 51.2  |

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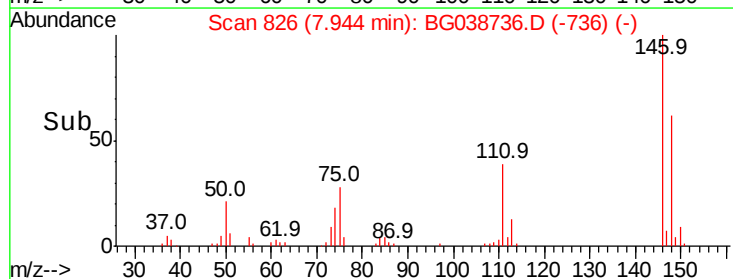
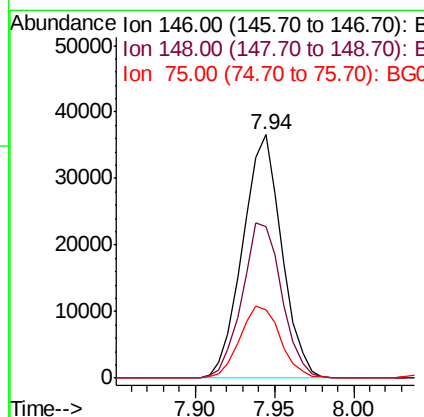
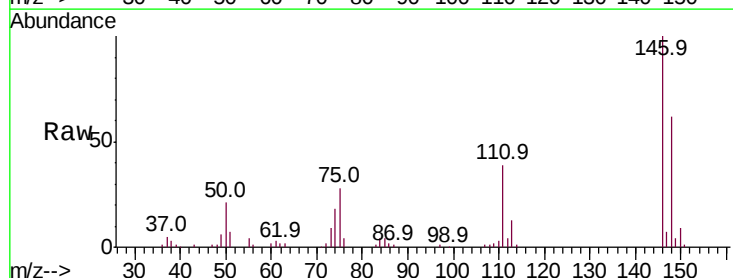
Sohil  
12/20/2018 1:06:42 PM

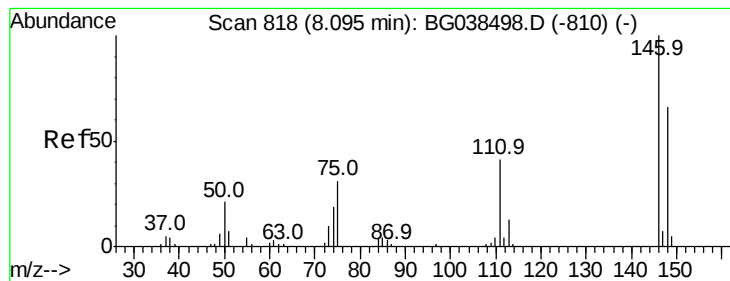


#12

1,3-Dichlorobenzene  
Concen: 30.579 ng  
RT: 7.94 min Scan# 826  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.2  | 51.4  | 77.0  |
| 75      | 28.3  | 26.1  | 39.1  |





#13

1,4-Dichlorobenzene

Concen: 30.308 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

Instrument :

BNA\_G

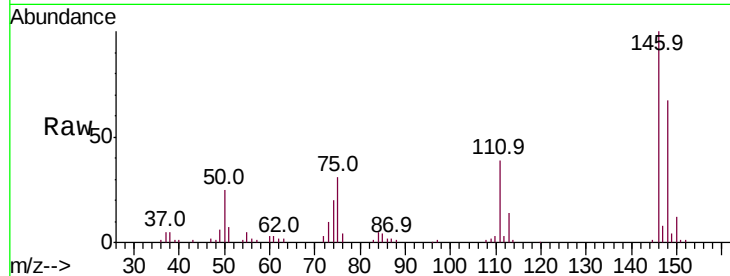
ClientSampleId :

EB03\_12-14MSD

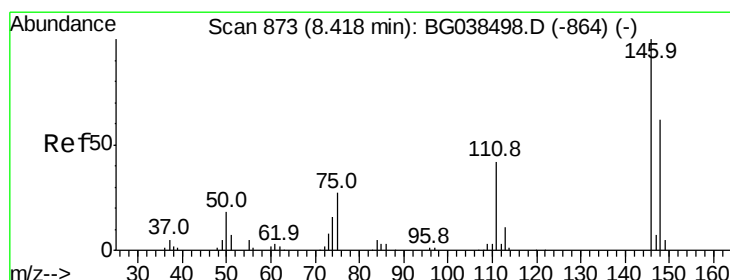
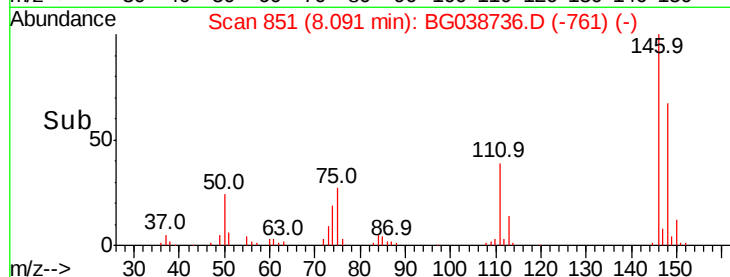
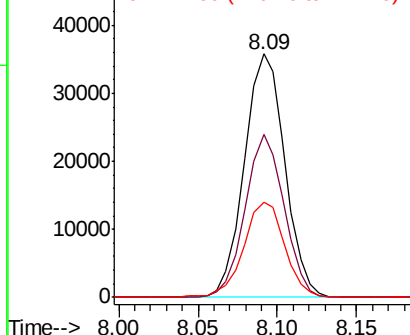
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 146   | Resp: | 63423 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 67.2  | 52.4  | 78.6  |
| 111       | 39.1  | 33.0  | 49.4  |

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Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 31.256 ng

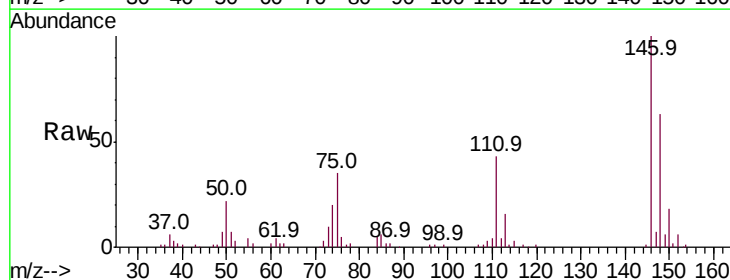
RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

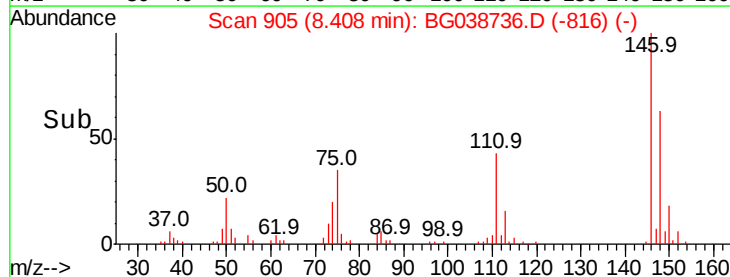
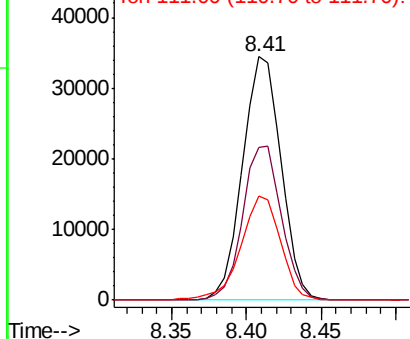
Lab File: BG038736.D

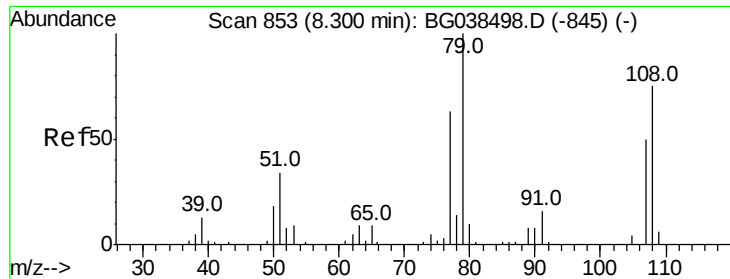
Acq: 19 Dec 2018 21:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 146   | Resp: | 61663 |
| Ion Ratio | Lower | Upper |       |
| 146       | 100   |       |       |
| 148       | 62.6  | 49.4  | 74.0  |
| 111       | 42.6  | 33.8  | 50.6  |



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.420 ng

RT: 8.30 min Scan# 886

Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

Instrument :

BNA\_G

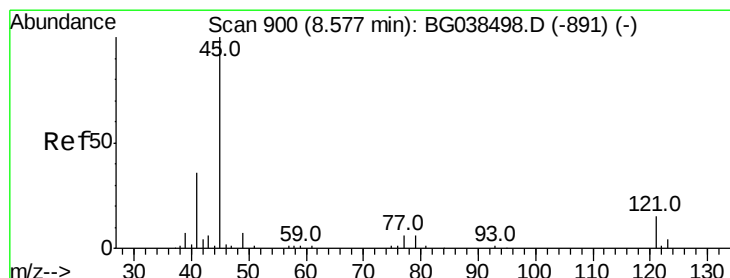
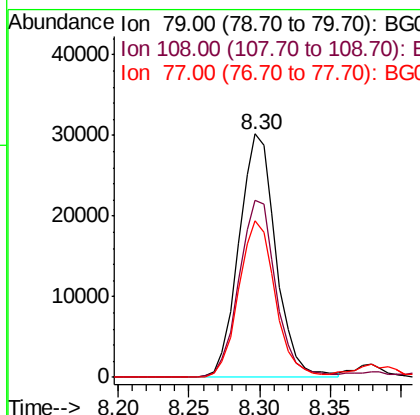
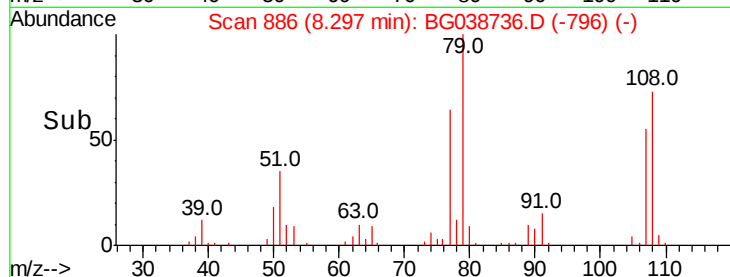
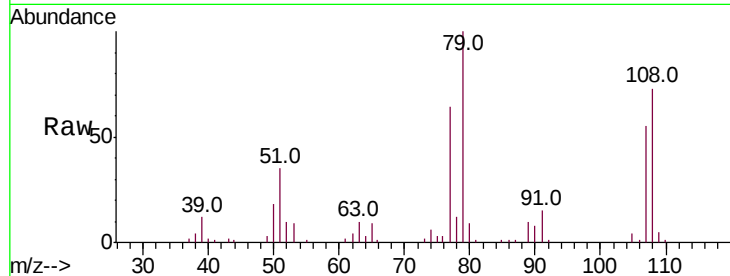
ClientSampleId :

EB03\_12-14MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 55076 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 72.8  | 60.2  | 90.4  |
| 77        | 64.3  | 50.7  | 76.1  |

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#16

2,2'-oxybis(1-chloropropane)

Concen: 26.891 ng

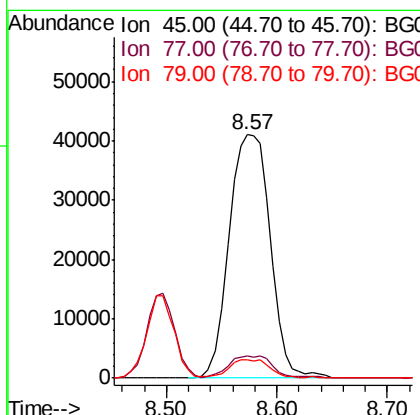
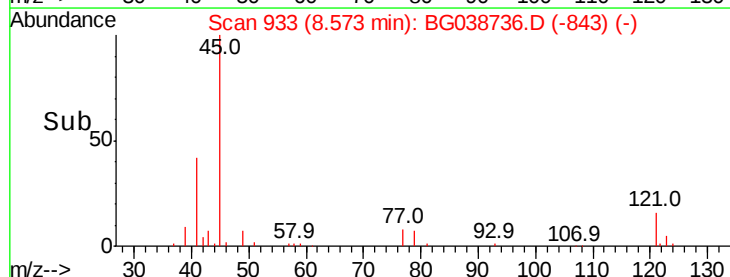
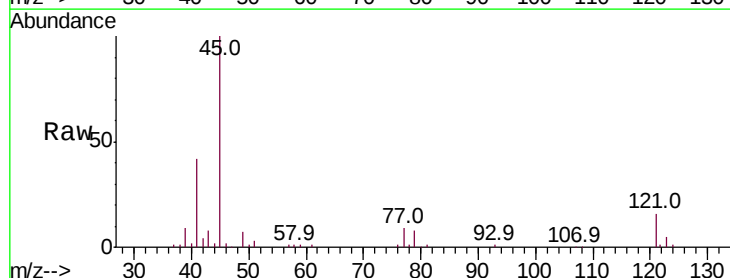
RT: 8.57 min Scan# 933

Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 106815 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 9.1   | 0.0   | 28.2   |
| 79        | 7.7   | 0.0   | 27.2   |





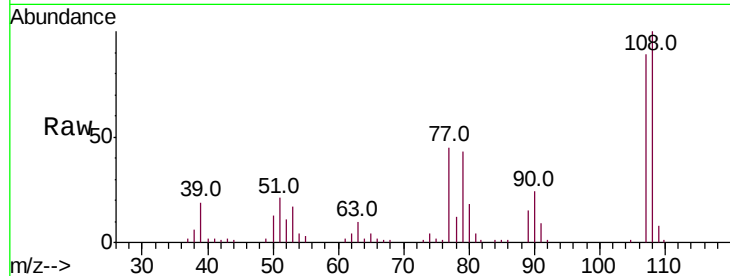
#17  
2-Methylphenol  
Concen: 34.580 ng  
RT: 8.50 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 107   | Resp: | 50459 |
| Ion Ratio | Lower | Upper |       |
| 107       | 100   |       |       |
| 108       | 113.0 | 87.1  | 130.7 |
| 77        | 50.5  | 42.0  | 63.0  |
| 79        | 48.7  | 38.2  | 57.2  |

Manual Integrations  
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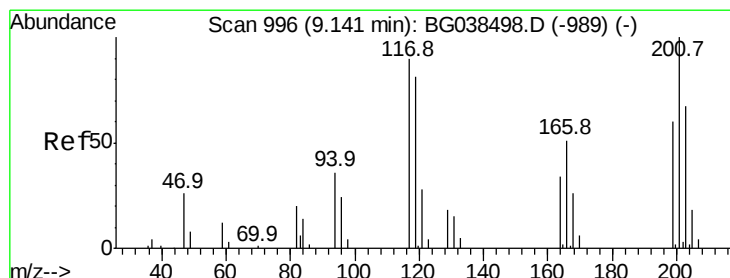
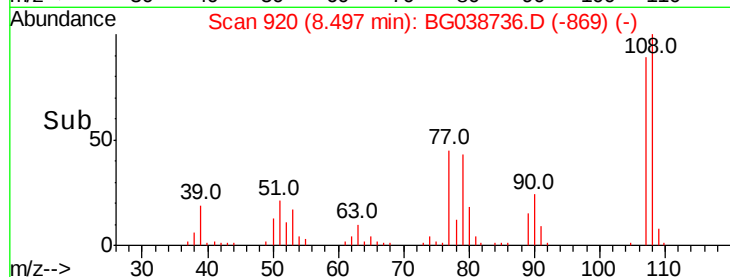
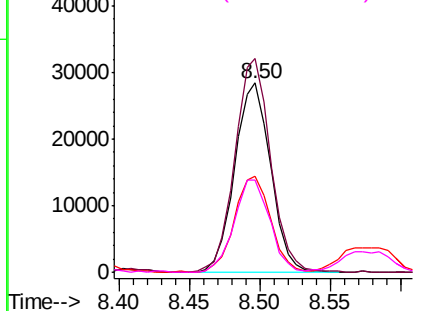
Abundance

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: 30.015 ng  
RT: 9.14 min Scan# 1029  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

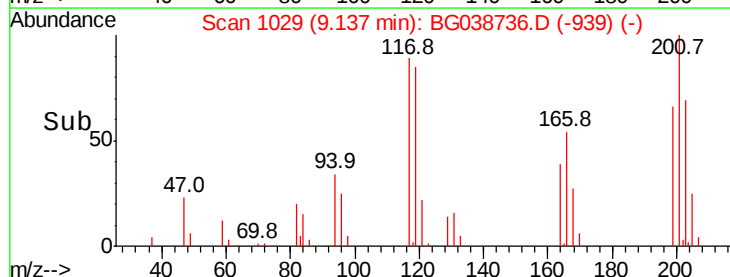
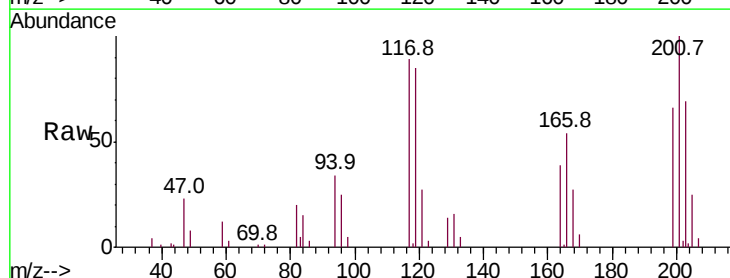
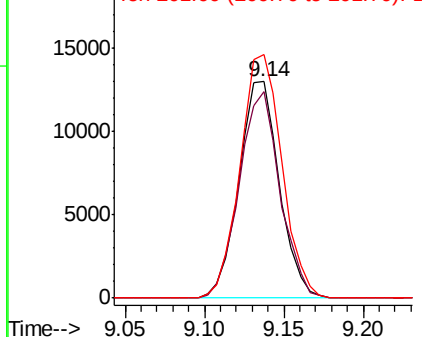
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 117   | Resp: | 22952 |
| Ion Ratio | Lower | Upper |       |
| 117       | 100   |       |       |
| 119       | 95.8  | 73.8  | 110.8 |
| 201       | 112.6 | 89.4  | 134.0 |

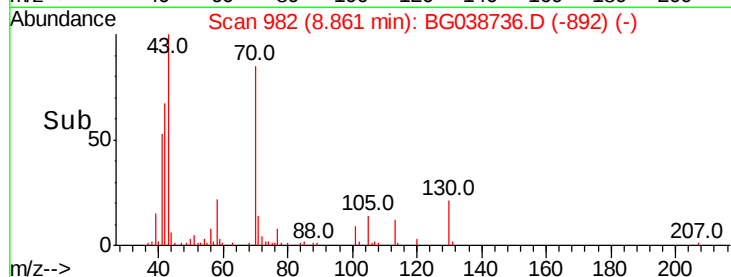
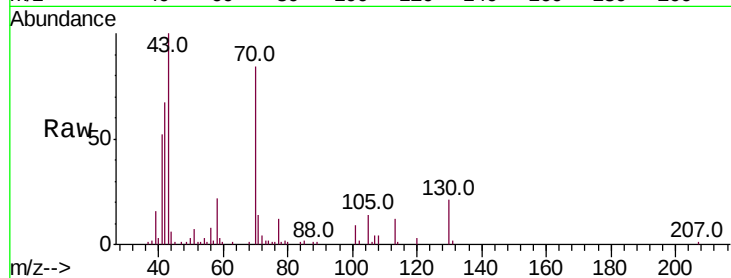
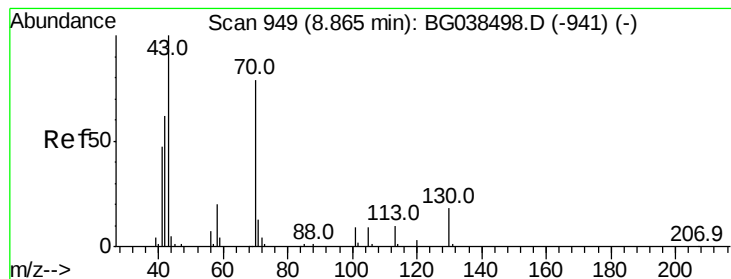
Abundance

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: 29.313 ng

RT: 8.86 min Scan# 982

Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

Instrument :

BNA\_G

ClientSampleId :

EB03\_12-14MSD

Tot Ion: 70 Resp: 42205

Ion Ratio Lower Upper

70 100

42 79.4 63.6 95.4

101 10.3 9.2 13.8

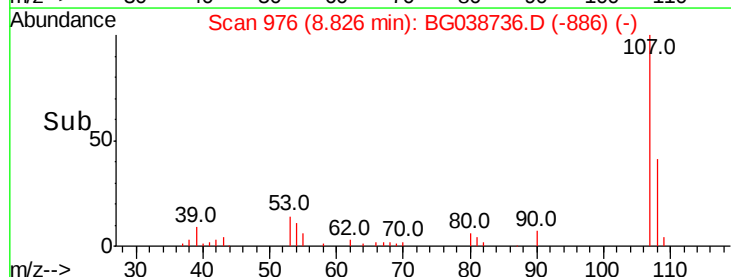
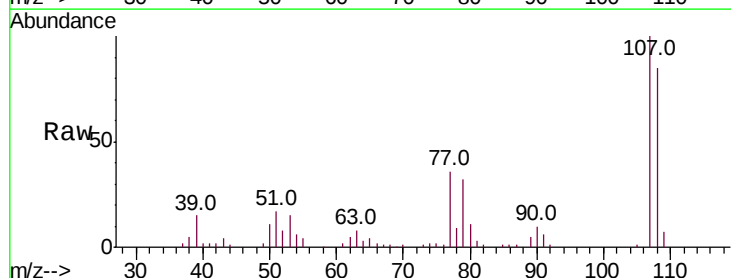
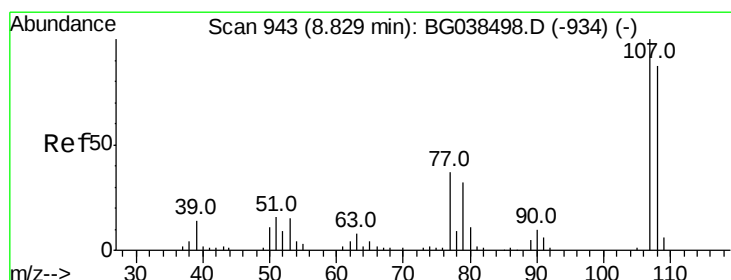
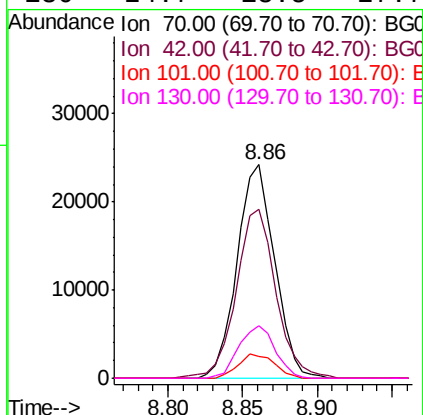
130 24.7 18.5 27.7

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#20

3+4-Methylphenols

Concen: 34.254 ng

RT: 8.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

Tgt Ion: 107 Resp: 69029

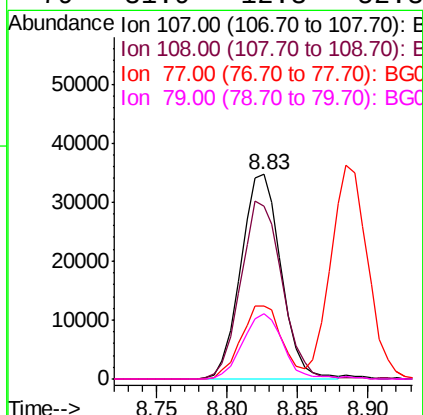
Ion Ratio Lower Upper

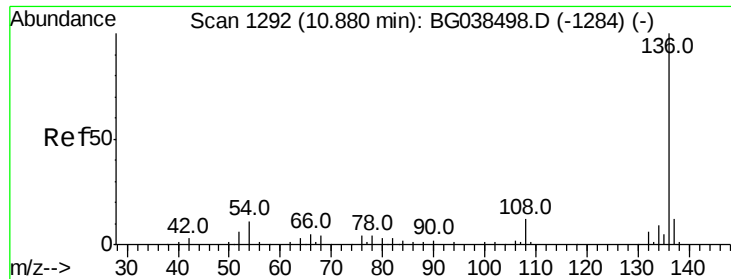
107 100

108 84.6 66.7 106.7

77 35.8 17.3 57.3

79 31.9 12.3 52.3





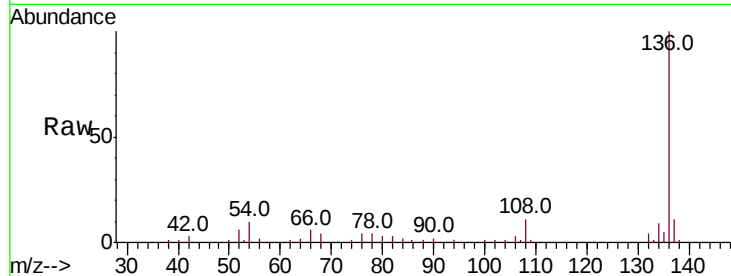
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.88 min Scan# 1325  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

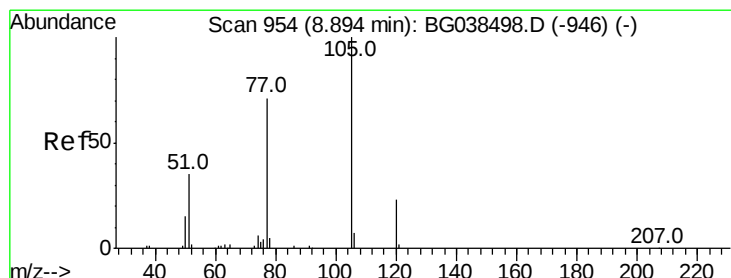
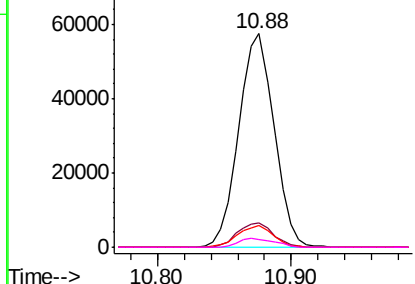
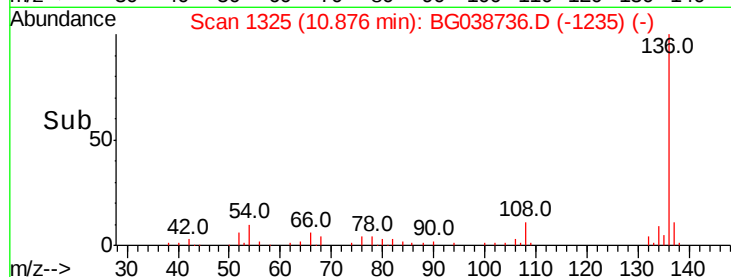
| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 105176 |       |       |
| 137     | 11.5  |        | 9.3   | 13.9  |
| 54      | 10.4  |        | 8.5   | 12.7  |
| 68      | 3.8   |        | 3.5   | 5.3   |

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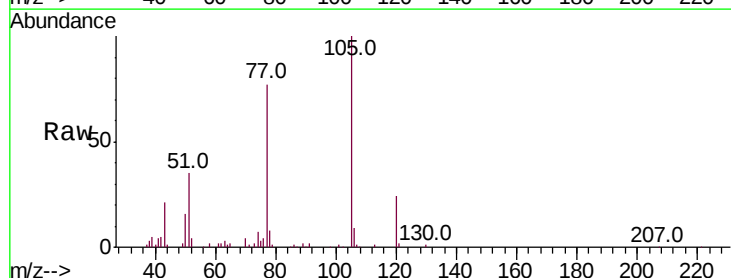


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

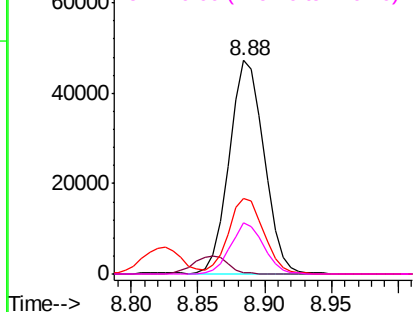
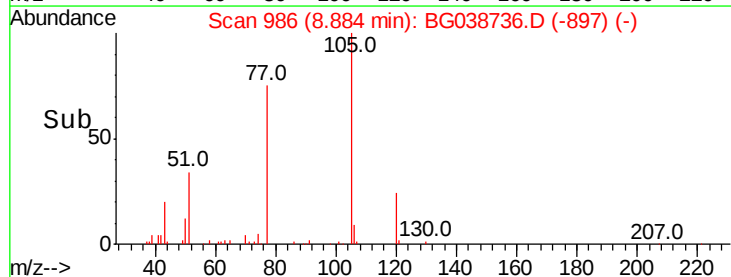


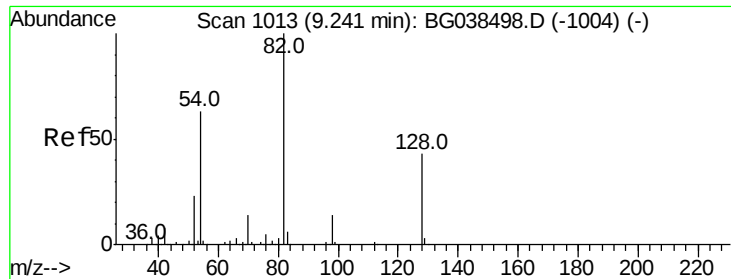
#22  
Acetophenone  
Concen: 32.763 ng  
RT: 8.88 min Scan# 986  
Delta R.T. -0.01 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 105     | 100   | 86071 |       |       |
| 71      | 0.8   |       | 0.4   | 0.6#  |
| 51      | 35.2  |       | 30.6  | 46.0  |
| 120     | 24.0  |       | 18.6  | 28.0  |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E





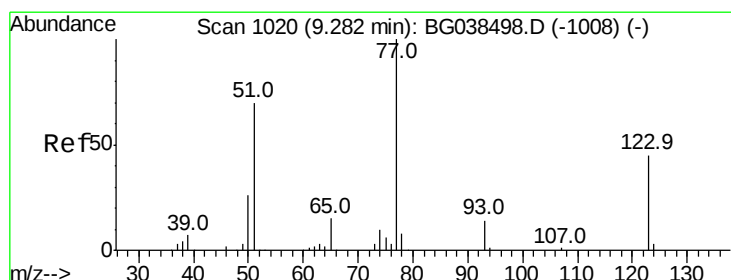
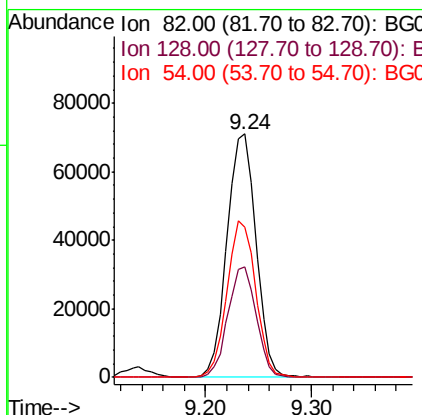
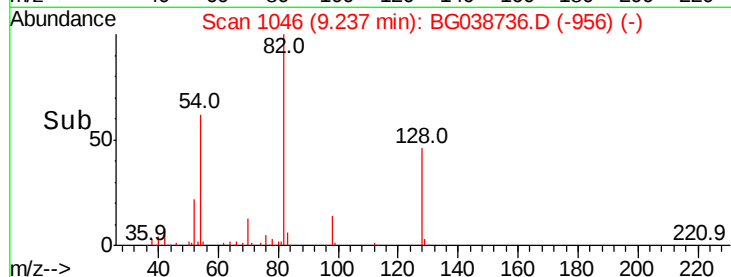
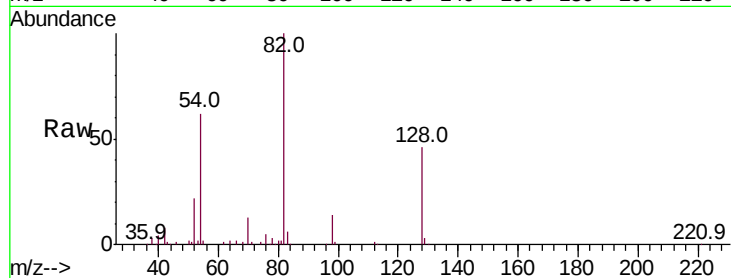
#23  
 Nitrobenzene-d5  
 Concen: 65.668 ng  
 RT: 9.24 min Scan# 1046  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 45.6  | 34.6  | 52.0  |
| 54      | 61.6  | 50.6  | 76.0  |

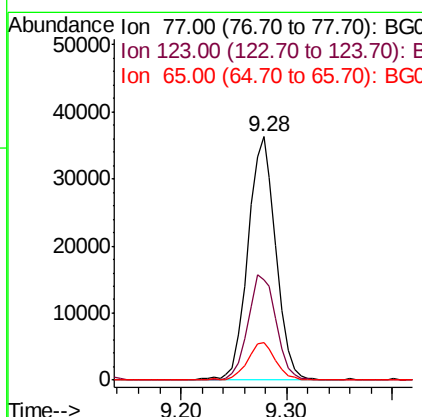
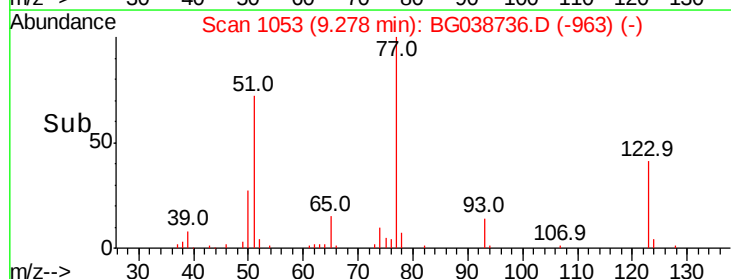
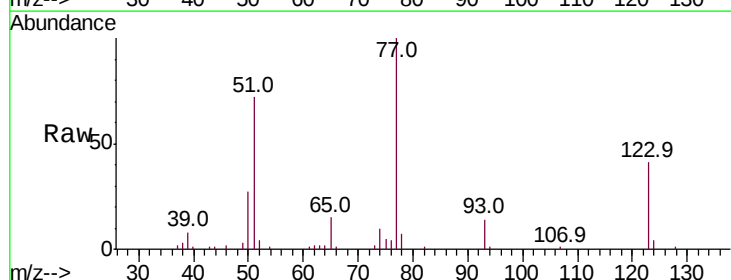
Manual Integrations  
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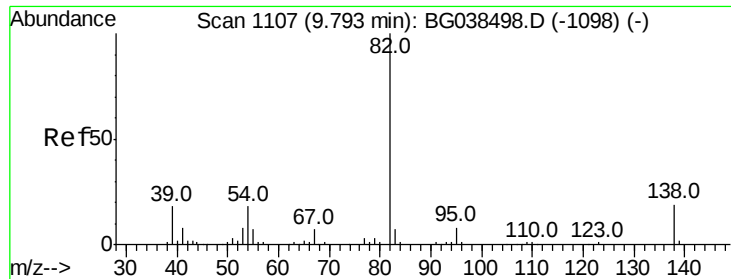
Sohil  
 12/20/2018 1:06:42 PM



#24  
 Nitrobenzene  
 Concen: 31.937 ng  
 RT: 9.28 min Scan# 1053  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 41.3  | 35.9  | 53.9  |
| 65      | 15.2  | 12.0  | 18.0  |





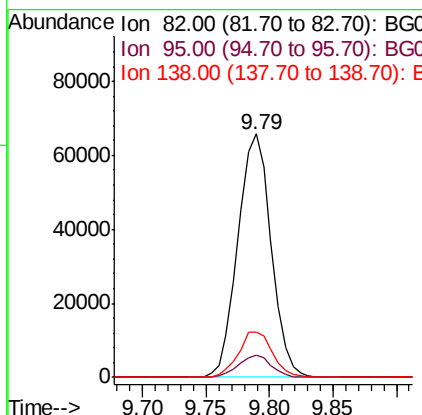
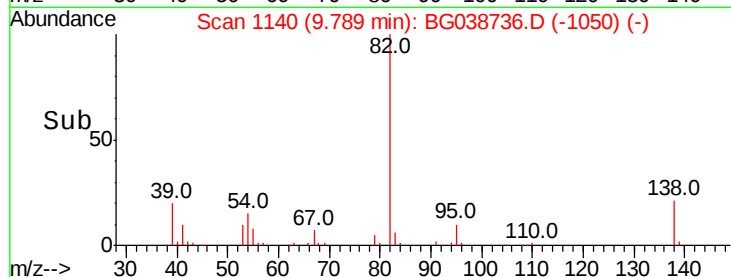
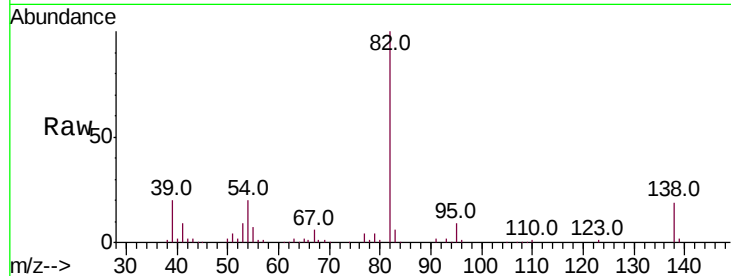
#25  
Isophorone  
Concen: 32.383 ng  
RT: 9.79 min Scan# 1140  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 119785 |       |       |
| 95      | 9.2   | 6.1    | 9.1#  |       |
| 138     | 18.5  | 14.9   | 22.3  |       |

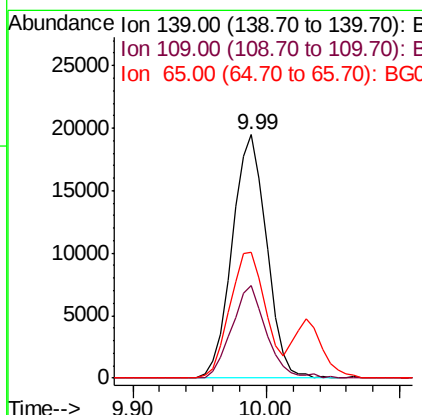
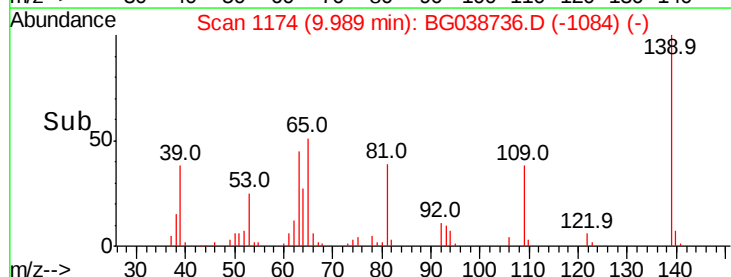
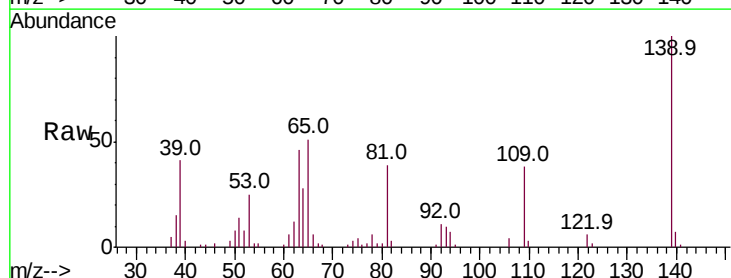
Manual Integrations  
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#26  
2-Nitrophenol  
Concen: 32.644 ng  
RT: 9.99 min Scan# 1174  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 139     | 100   | 34797 |       |       |
| 109     | 38.0  | 29.5  | 44.3  |       |
| 65      | 51.5  | 48.5  | 72.7  |       |





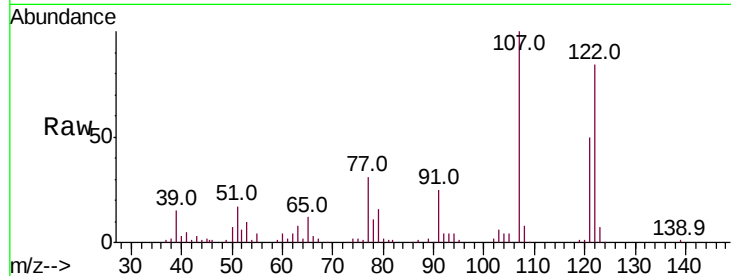
#27  
2,4-Dimethylphenol  
Concen: 39.152 ng  
RT: 10.03 min Scan# 1181  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 119.5 | 98.4  | 147.6 |
| 121     | 59.8  | 47.2  | 70.8  |

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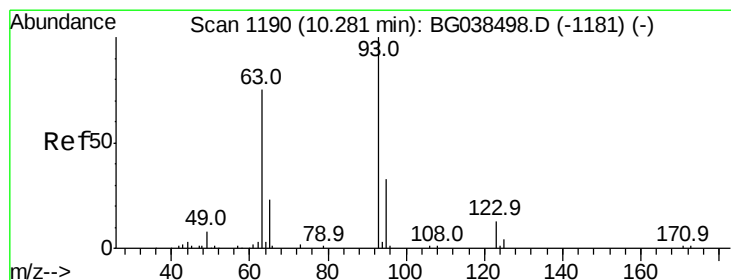
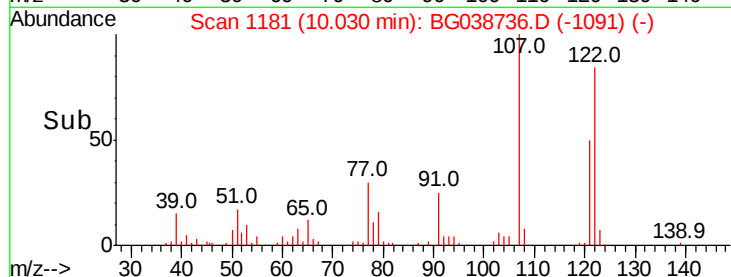
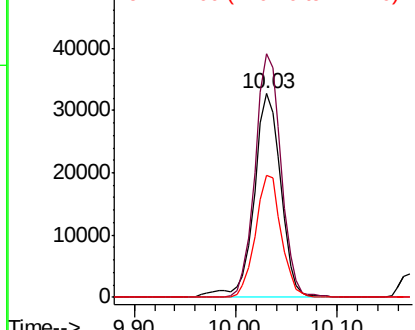


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28  
bis(2-Chloroethoxy)methane  
Concen: 32.609 ng  
RT: 10.27 min Scan# 1222  
Delta R.T. -0.01 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

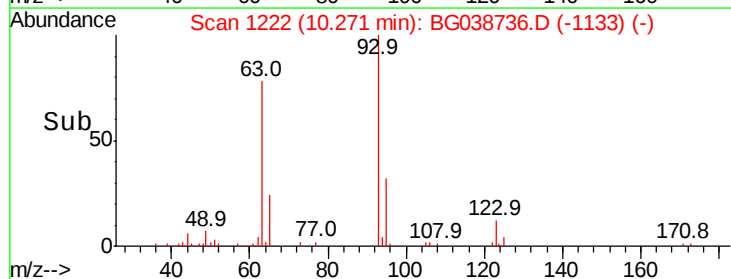
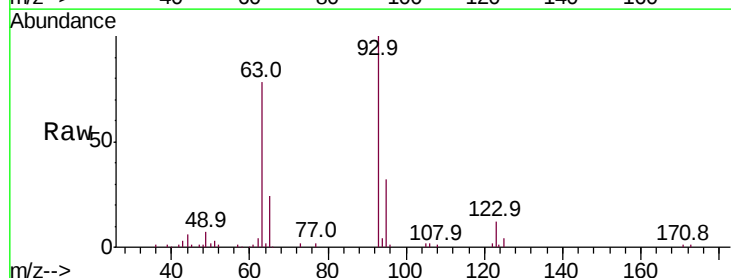
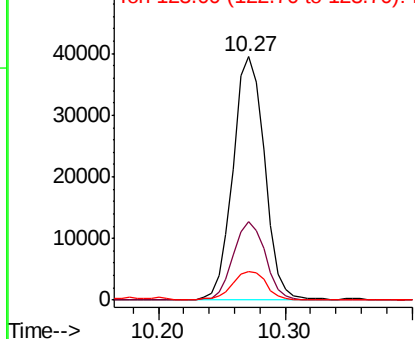
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.1  | 26.6  | 40.0  |
| 123     | 11.5  | 10.6  | 16.0  |

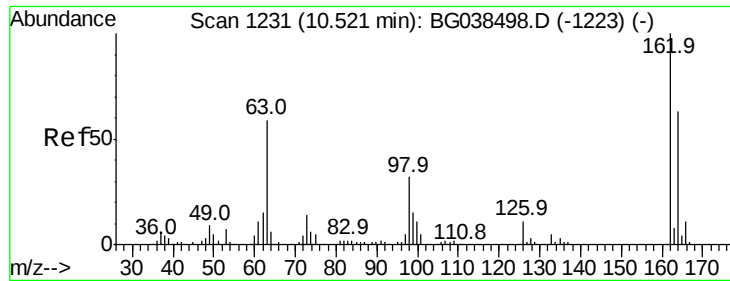
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





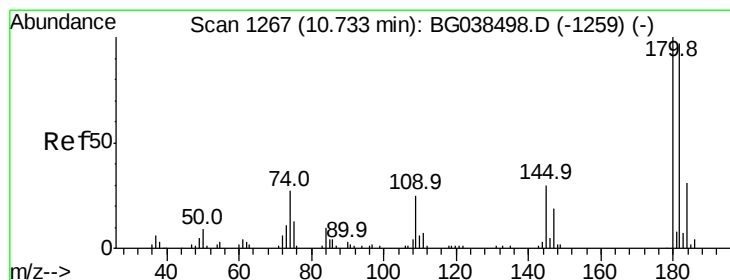
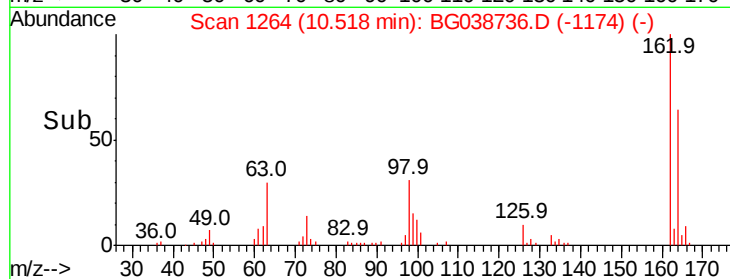
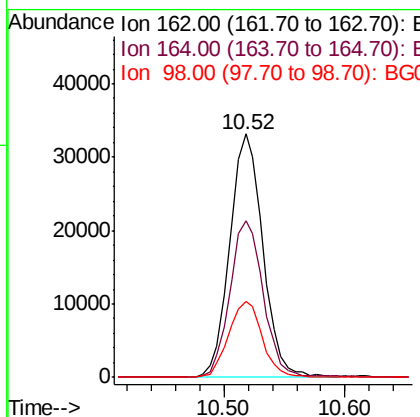
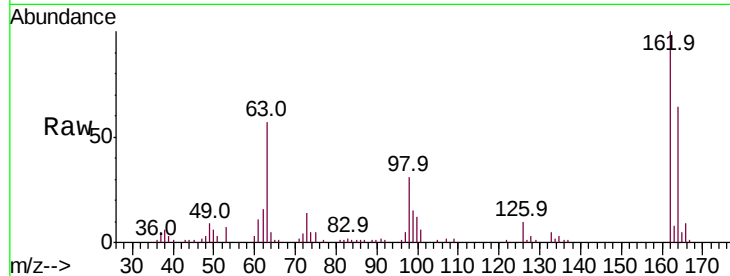
#29  
 2,4-Dichlorophenol  
 Concen: 37.083 ng  
 RT: 10.52 min Scan# 1264  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB03\_12-14MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 162   | Resp: | 63024 |
| Ion Ratio | Lower | Upper |       |
| 162       | 100   |       |       |
| 164       | 64.4  | 42.9  | 82.9  |
| 98        | 31.0  | 12.1  | 52.1  |

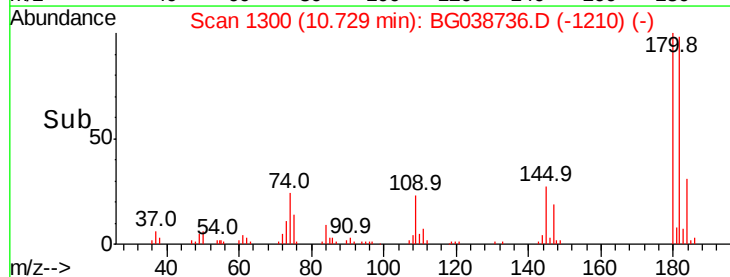
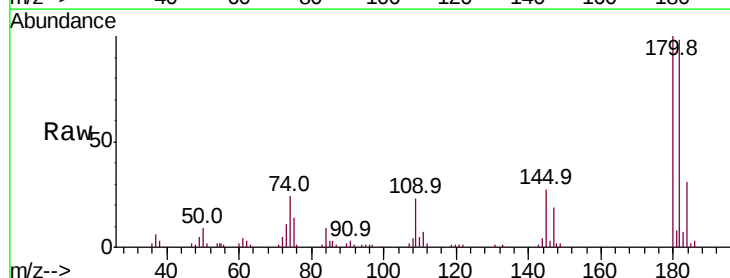
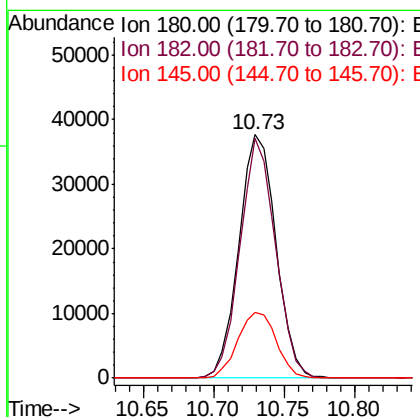
Manual Integrations  
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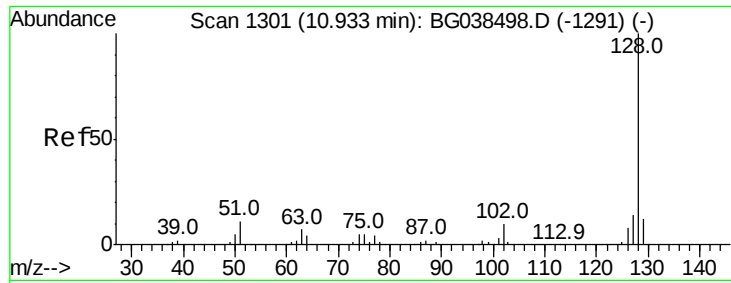
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#30  
 1,2,4-Trichlorobenzene  
 Concen: 33.736 ng  
 RT: 10.73 min Scan# 1300  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 69257 |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 98.3  | 77.4  | 116.0 |
| 145       | 27.0  | 24.1  | 36.1  |





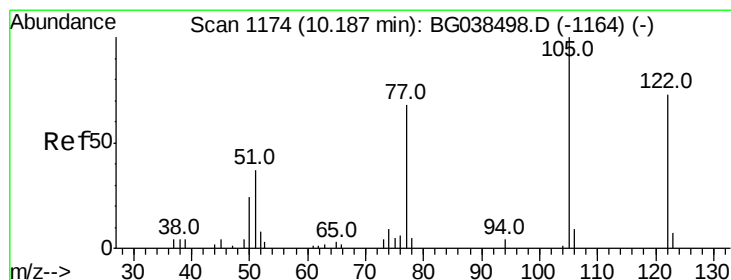
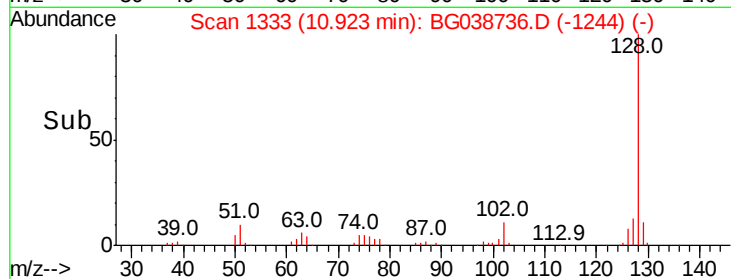
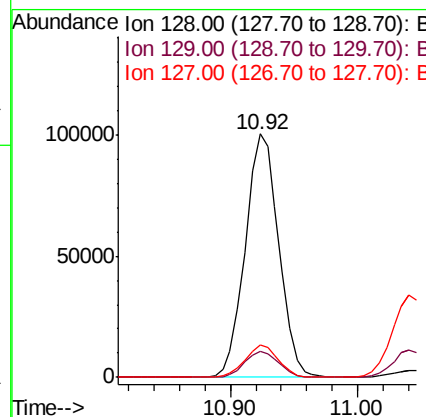
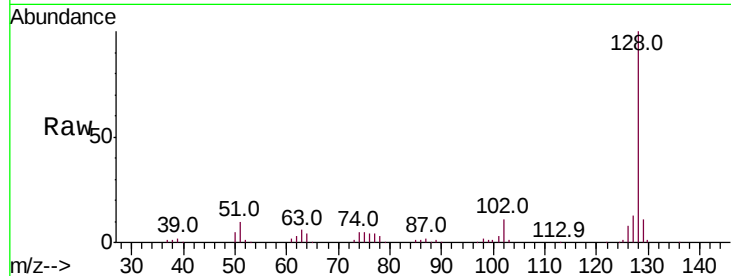
#31  
Naphthalene  
Concen: 35.410 ng  
RT: 10.92 min Scan# 1333  
Delta R.T. -0.01 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.6  | 9.5   | 14.3  |
| 127     | 13.5  | 10.9  | 16.3  |

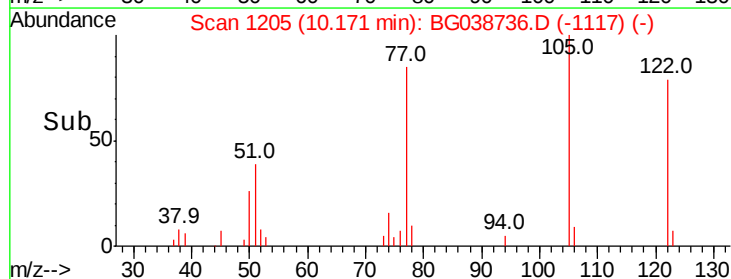
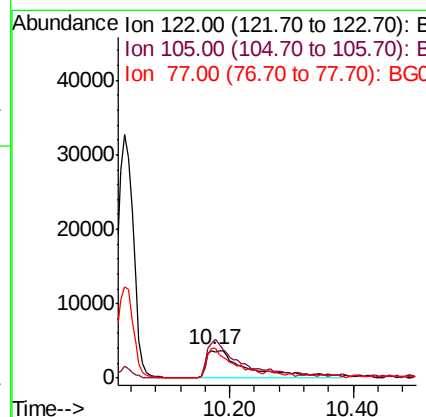
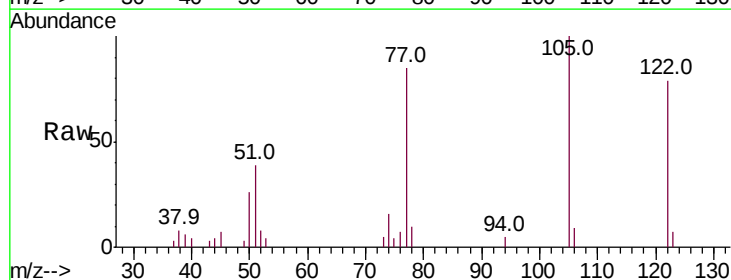
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#32  
Benzoic acid  
Concen: 24.329 ng m  
RT: 10.17 min Scan# 1205  
Delta R.T. -0.01 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 126.6 | 116.7 | 156.7 |
| 77      | 107.7 | 72.5  | 112.5 |





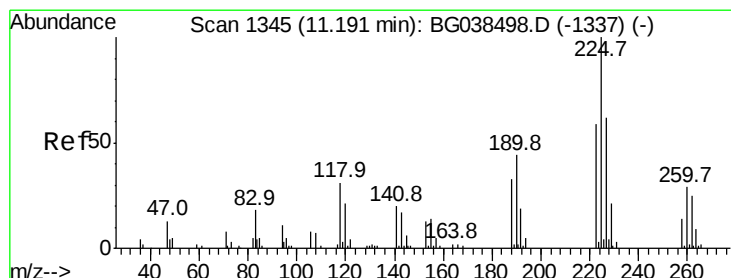
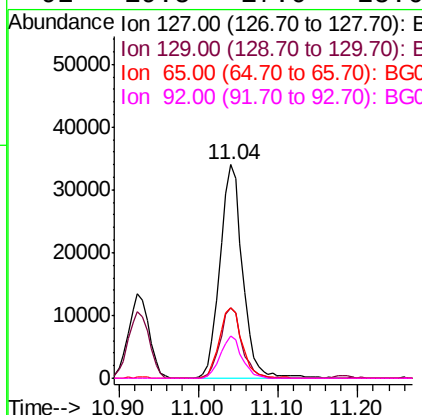
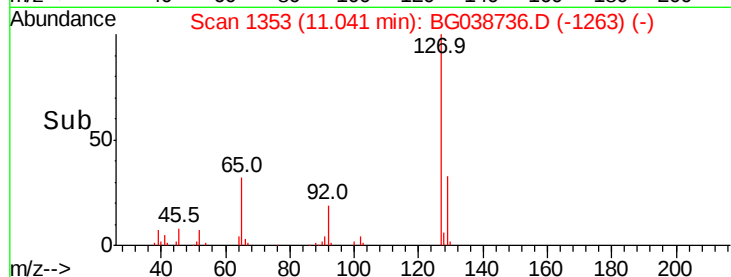
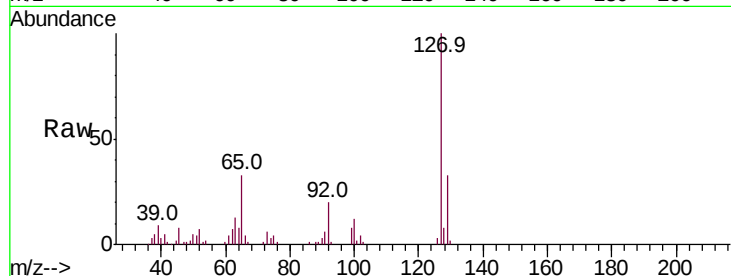
#33  
4-Chloroaniline  
Concen: 29.976 ng  
RT: 11.04 min Scan# 1353  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 32.9  | 25.8  | 38.8  |
| 65      | 32.7  | 27.8  | 41.6  |
| 92      | 19.5  | 17.0  | 25.6  |

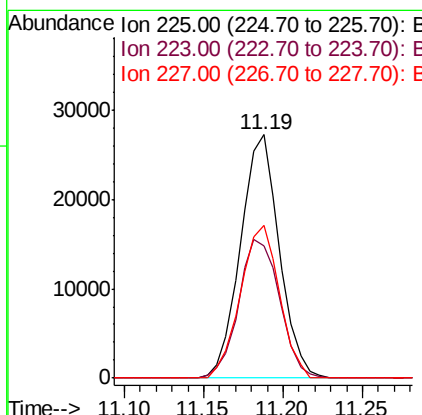
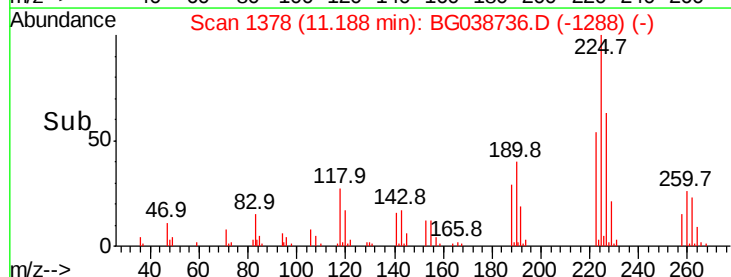
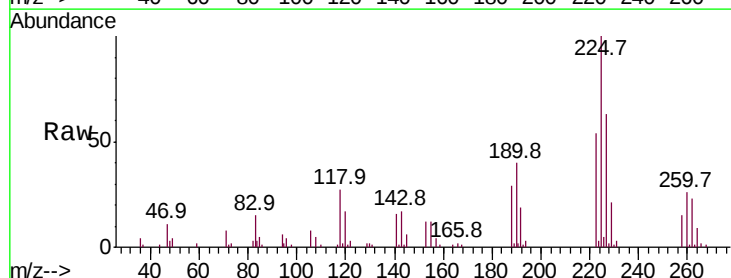
Manual Integrations  
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#34  
Hexachlorobutadiene  
Concen: 33.267 ng  
RT: 11.19 min Scan# 1378  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 51.9  | 45.0  | 67.6  |
| 227     | 62.1  | 50.6  | 75.8  |





#35

Caprolactam

Concen: 30.304 ng

RT: 11.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

Instrument :

BNA\_G

ClientSampleId :

EB03\_12-14MSD

Tot Ion:113 Resp: 21314

Ion Ratio Lower Upper

113 100

55 202.9 204.3 244.3#

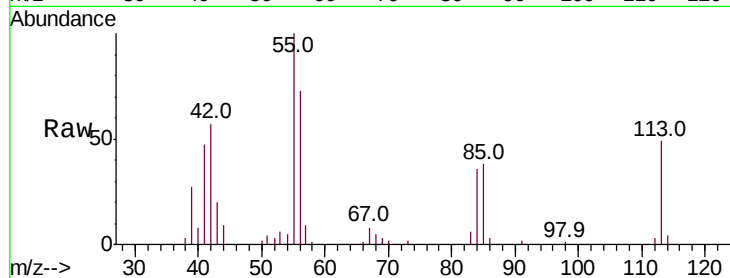
56 148.8 135.0 175.0

Manual Integrations

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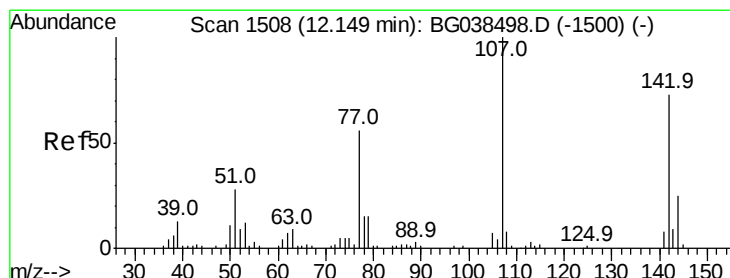
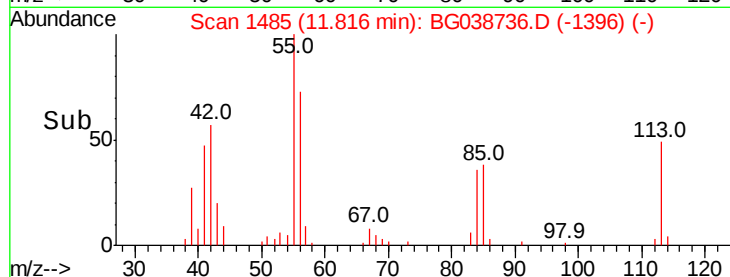
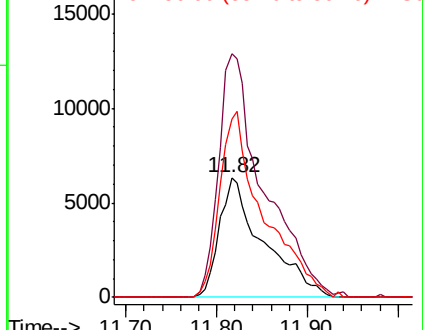
12/20/2018 1:06:42 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 34.085 ng

RT: 12.15 min Scan# 1542

Delta R.T. 0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

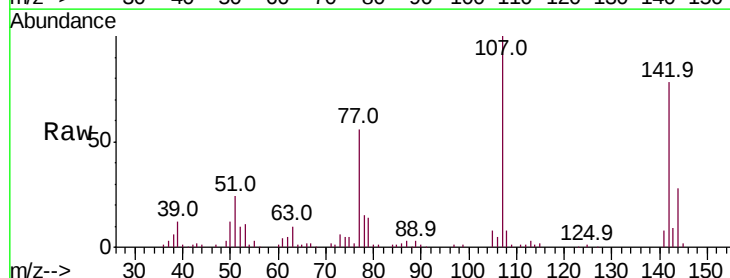
Tgt Ion:107 Resp: 66106

Ion Ratio Lower Upper

107 100

144 28.4 20.1 30.1

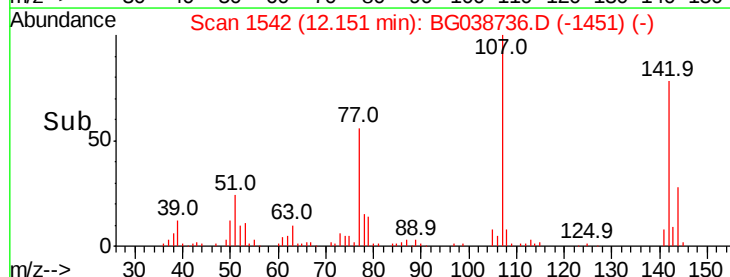
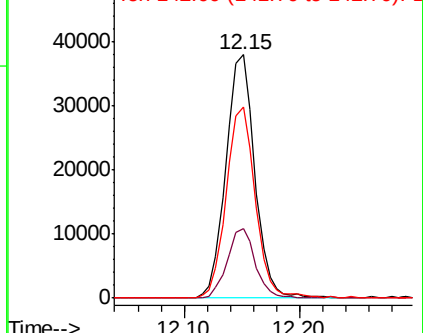
142 78.4 58.7 88.1

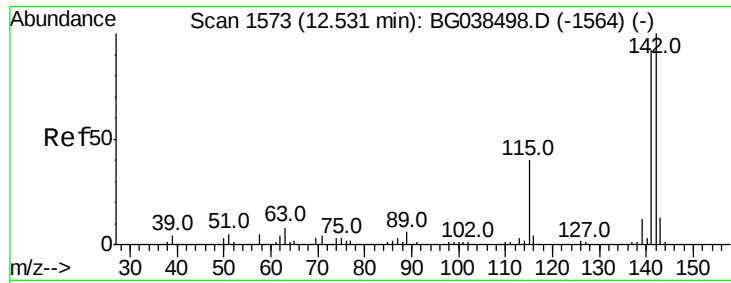


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





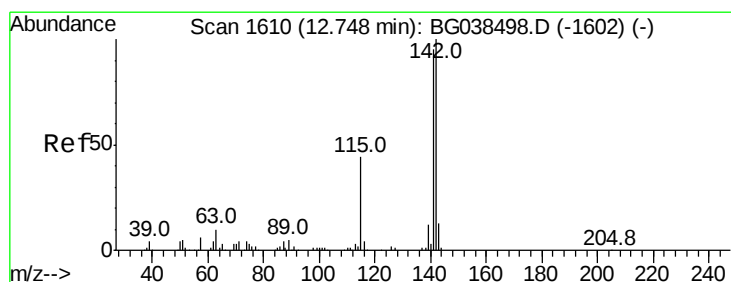
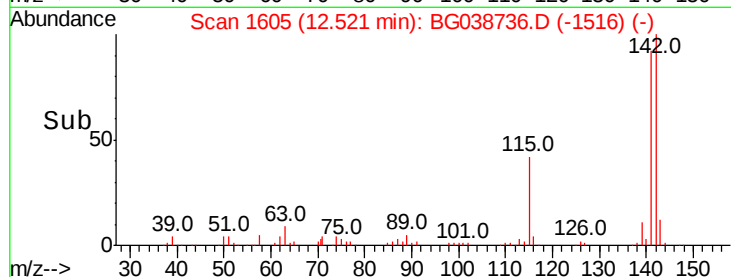
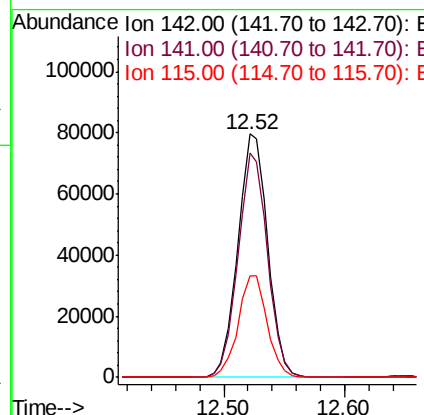
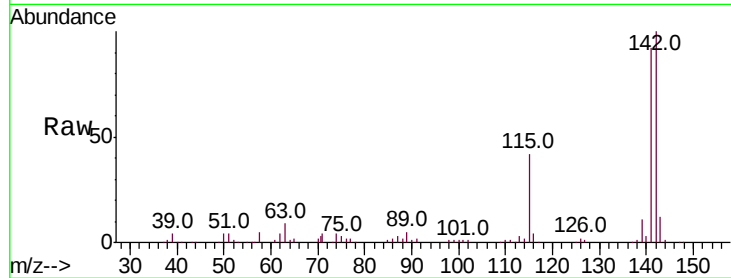
#37  
2-Methylnaphthalene  
Concen: 37.064 ng  
RT: 12.52 min Scan# 1605  
Delta R.T. -0.01 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.9  | 73.5  | 110.3 |
| 115     | 41.6  | 31.7  | 47.5  |

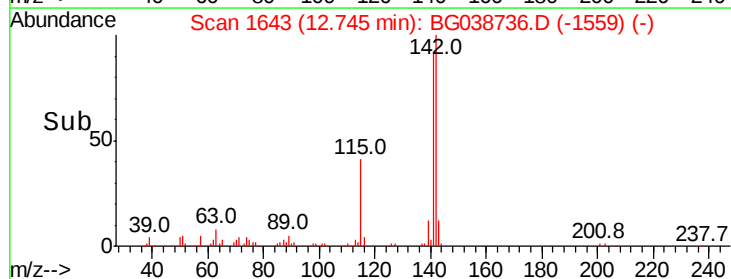
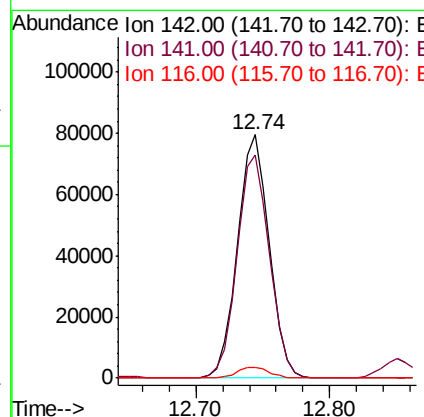
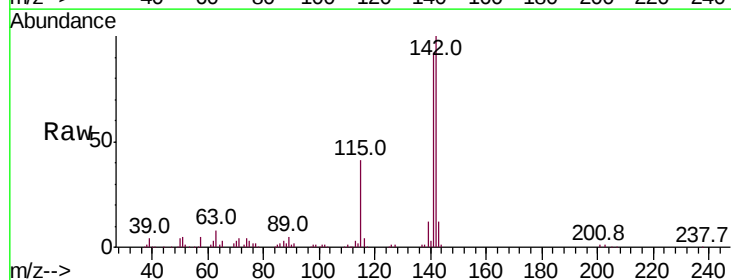
Manual Integrations  
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#38  
1-Methylnaphthalene  
Concen: 36.491 ng  
RT: 12.74 min Scan# 1643  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.5  | 75.8  | 113.8 |
| 116     | 4.3   | 3.6   | 5.4   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

Instrument :

BNA\_G

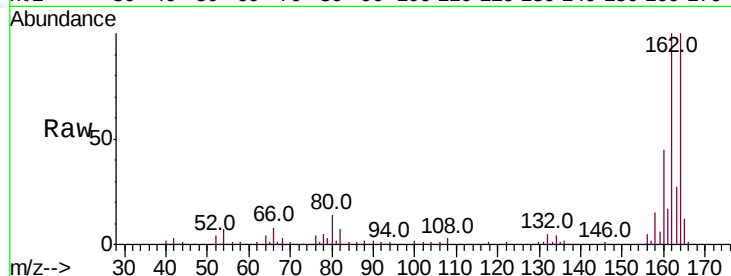
ClientSampleId :

EB03\_12-14MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 164   | Resp: | 68470 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 100.2 | 86.6  | 130.0 |
| 160       | 45.0  | 34.2  | 51.2  |

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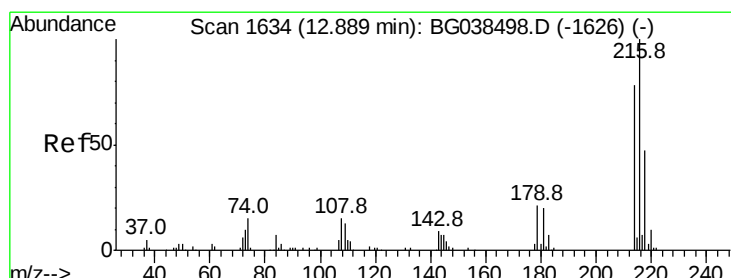
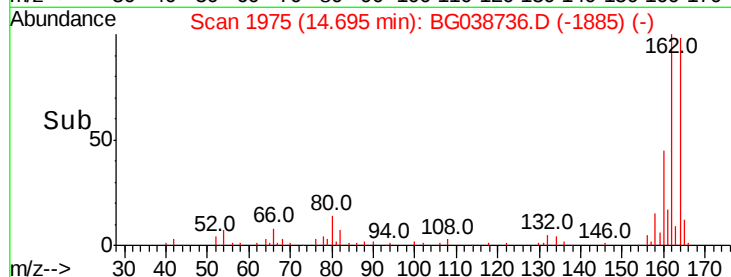
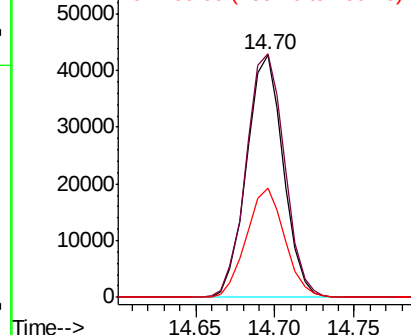


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 32.751 ng

RT: 12.89 min Scan# 1667

Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 216   | Resp: | 83822 |
| Ion Ratio | Lower | Upper |       |
| 216       | 100   |       |       |
| 214       | 80.6  | 64.1  | 96.1  |
| 179       | 20.1  | 16.4  | 24.6  |
| 108       | 17.7  | 13.9  | 20.9  |

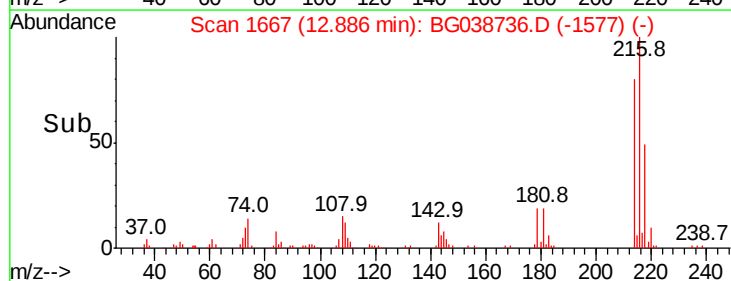
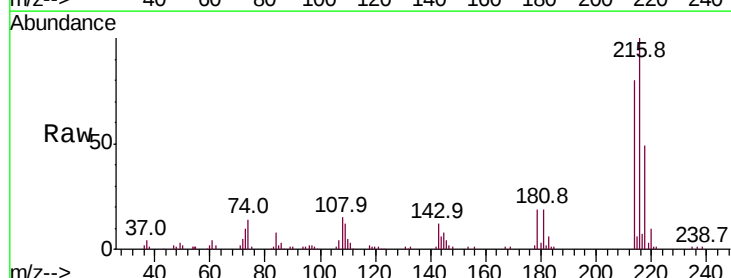
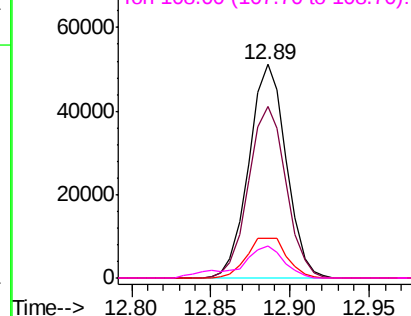
Abundance

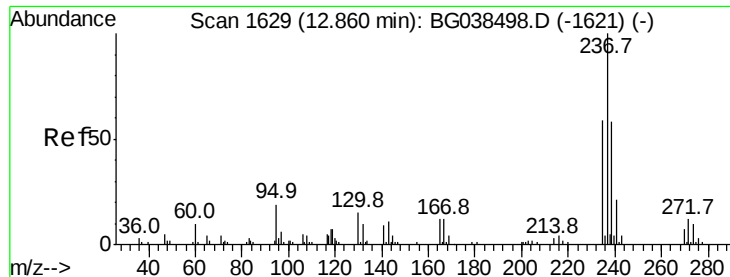
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 69.324 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

Instrument :

BNA\_G

ClientSampleId :

EB03\_12-14MSD

Tot Ion:237 Resp: 97478

Ion Ratio Lower Upper

237 100

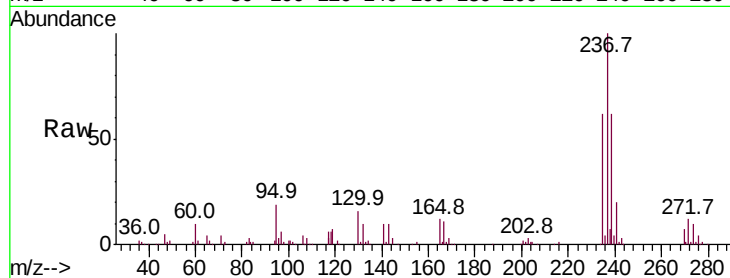
235 61.9 38.8 78.8

272 12.3 0.0 32.0

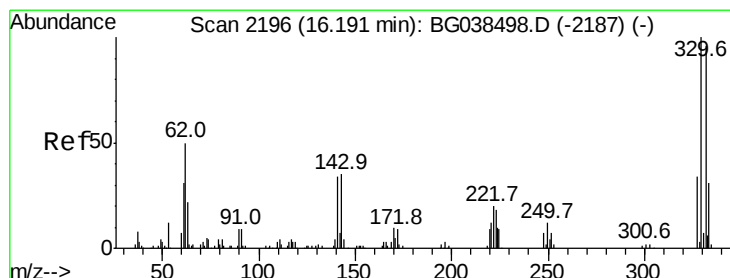
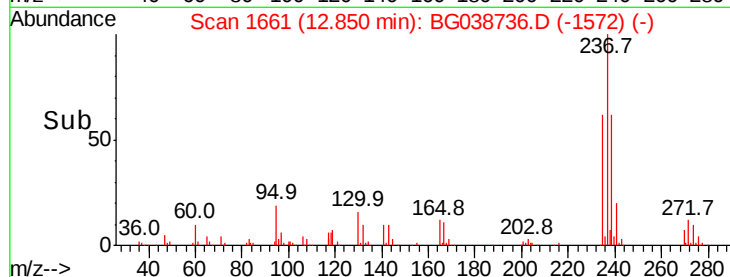
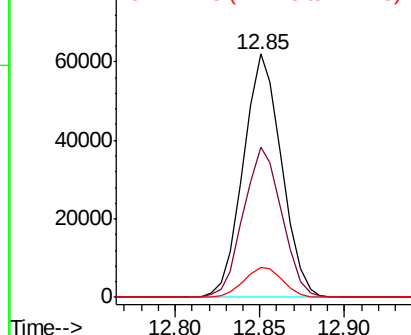
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Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 115.439 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

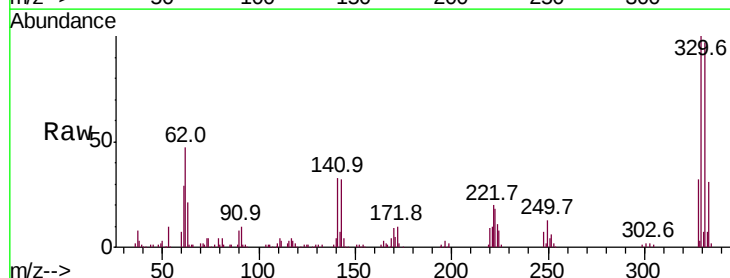
Tgt Ion:330 Resp: 108933

Ion Ratio Lower Upper

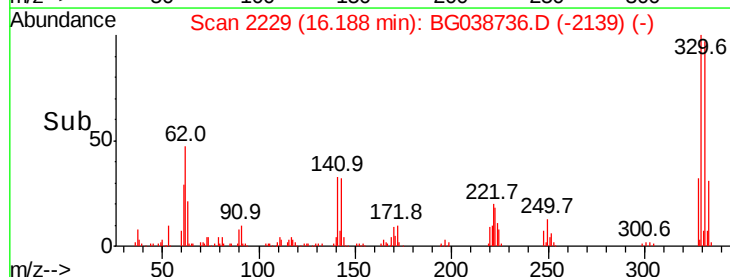
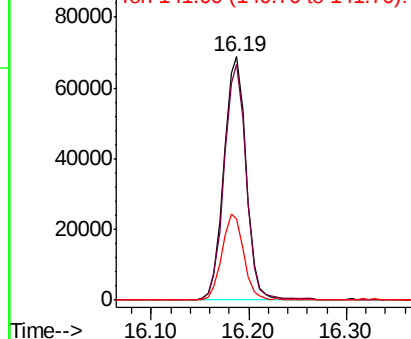
330 100

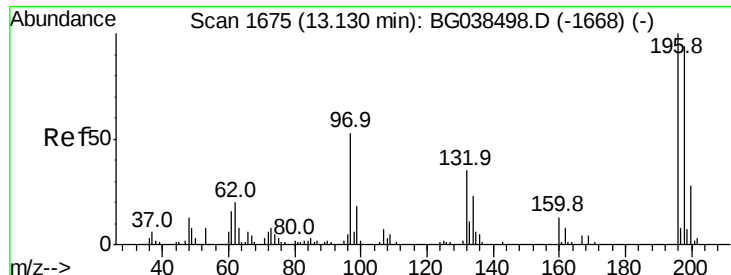
332 96.2 76.9 115.3

141 34.7 28.8 43.2



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E





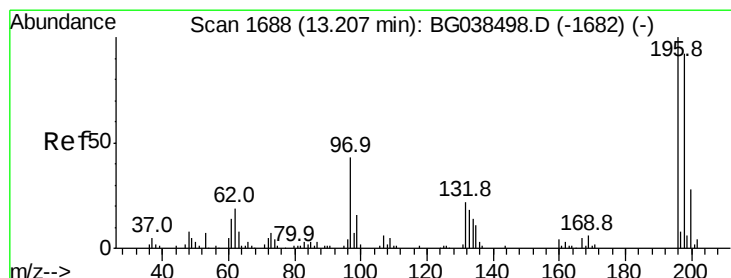
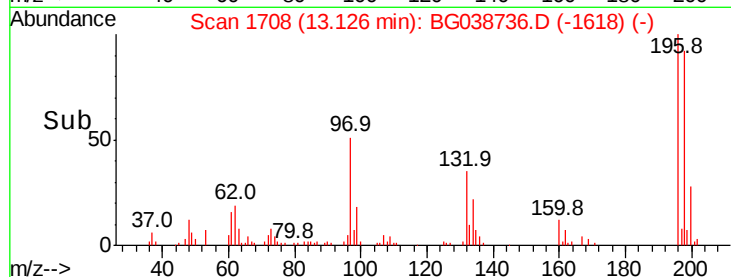
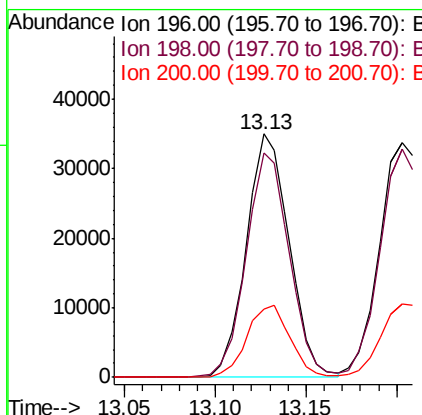
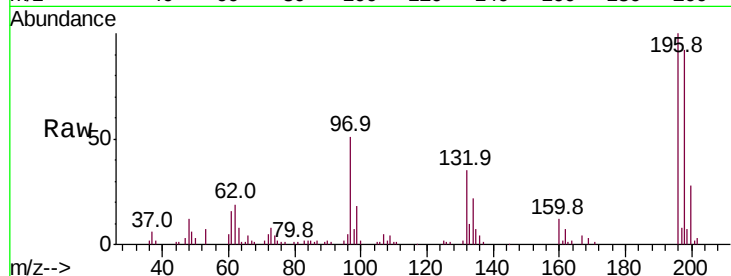
#43  
 2,4,6-Trichlorophenol  
 Concen: 36.508 ng  
 RT: 13.13 min Scan# 1708  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 92.1  | 75.0  | 112.4 |
| 200     | 27.9  | 22.4  | 33.6  |

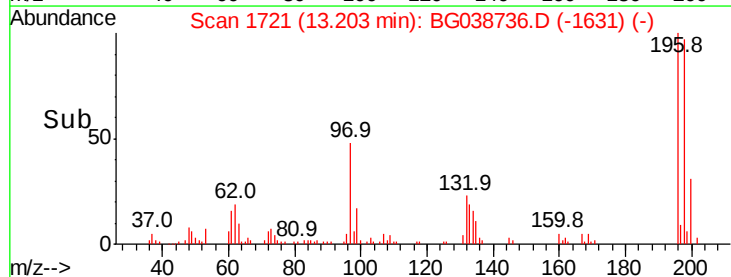
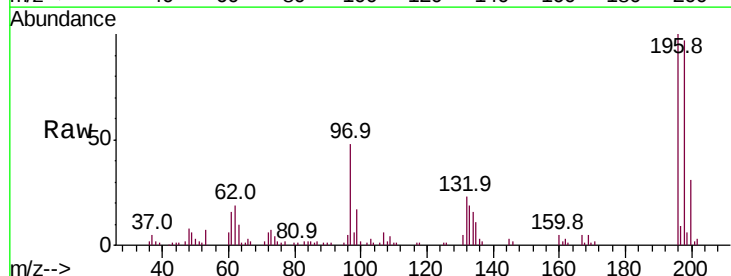
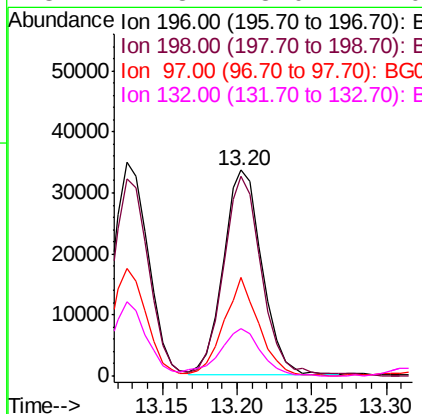
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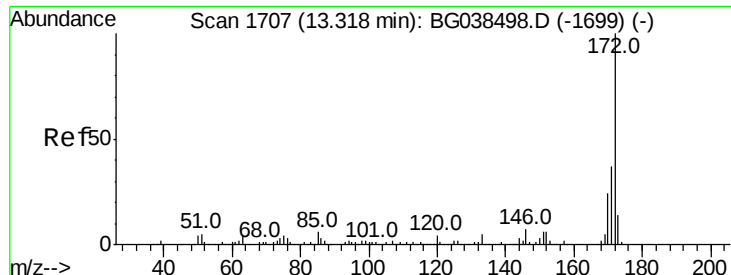
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#44  
 2,4,5-Trichlorophenol  
 Concen: 36.409 ng  
 RT: 13.20 min Scan# 1721  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.4  | 74.0  | 111.0 |
| 97      | 47.7  | 35.1  | 52.7  |
| 132     | 22.8  | 18.0  | 27.0  |





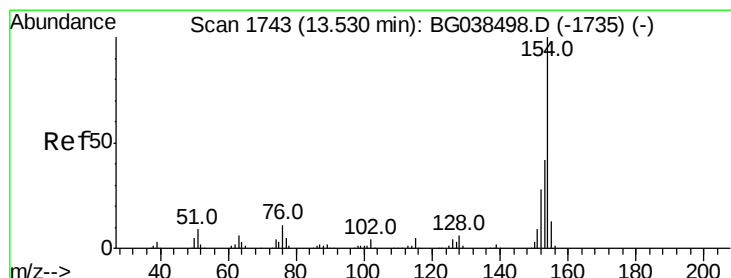
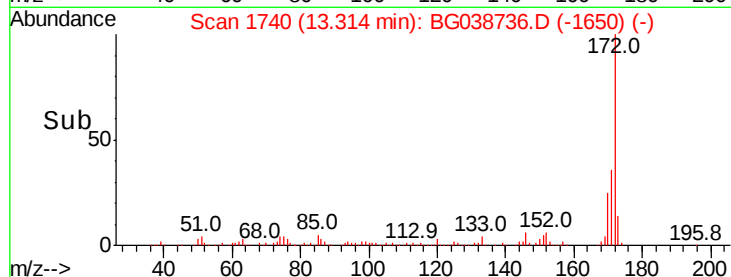
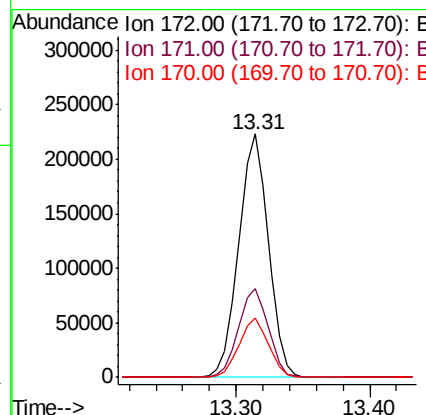
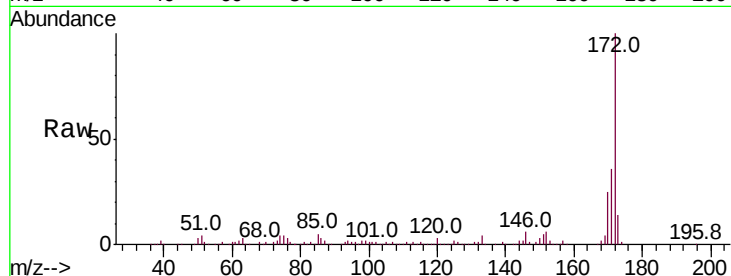
#45  
2-Fluorobiphenyl  
Concen: 68.717 ng  
RT: 13.31 min Scan# 1740  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.3  | 29.8  | 44.6  |
| 170     | 24.6  | 19.5  | 29.3  |

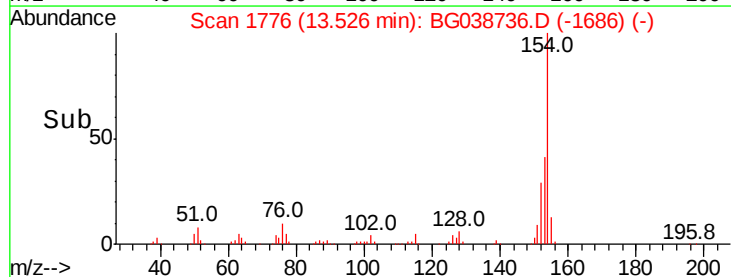
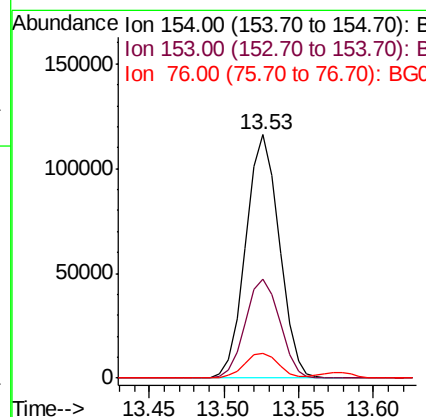
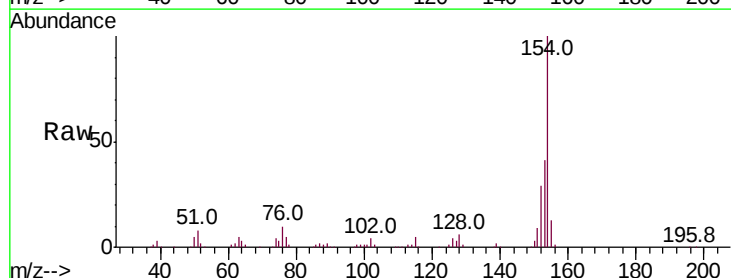
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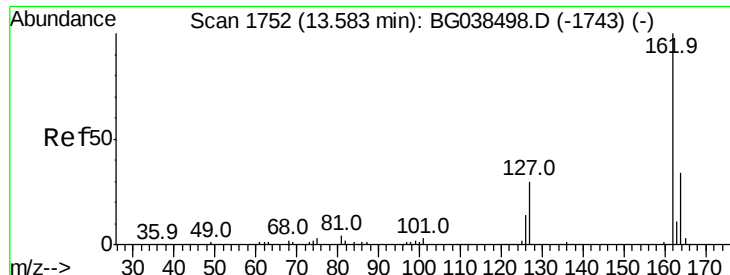
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#46  
1,1'-Biphenyl  
Concen: 31.491 ng  
RT: 13.53 min Scan# 1776  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 40.7  | 22.1  | 62.1  |
| 76      | 10.1  | 0.0   | 31.2  |





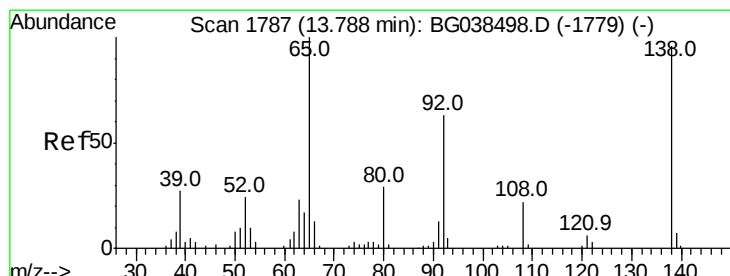
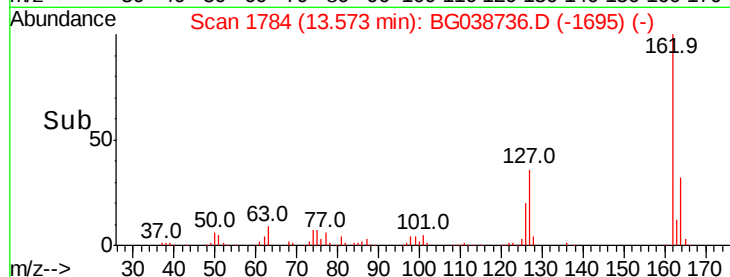
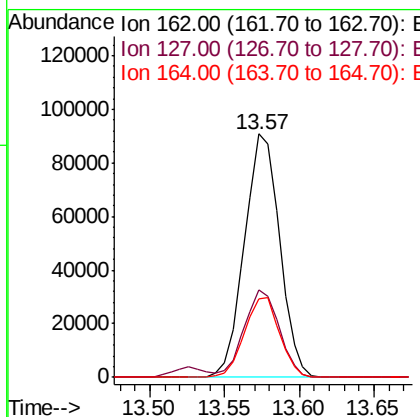
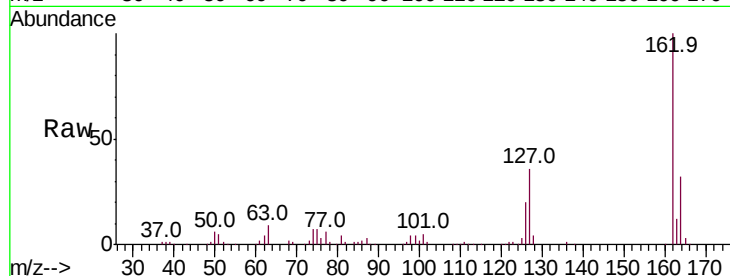
#47  
 2-Chloronaphthalene  
 Concen: 33.407 ng  
 RT: 13.57 min Scan# 1784  
 Delta R.T. -0.01 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.2  | 27.8  | 41.8  |
| 164     | 32.2  | 26.9  | 40.3  |

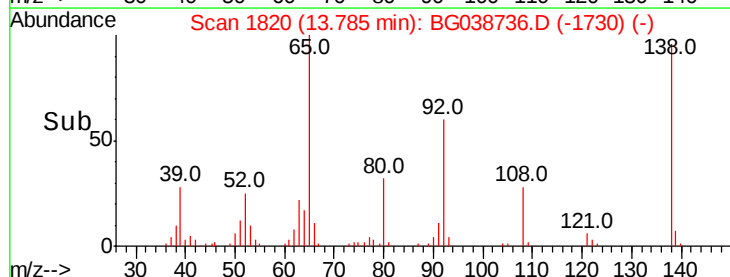
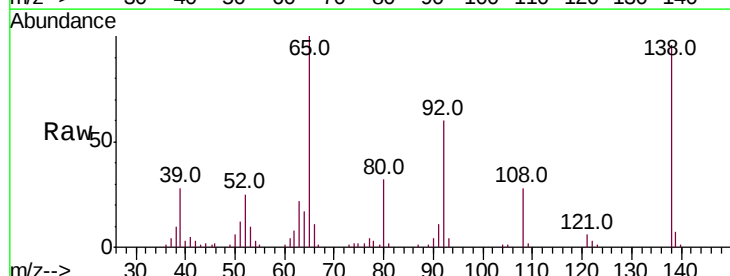
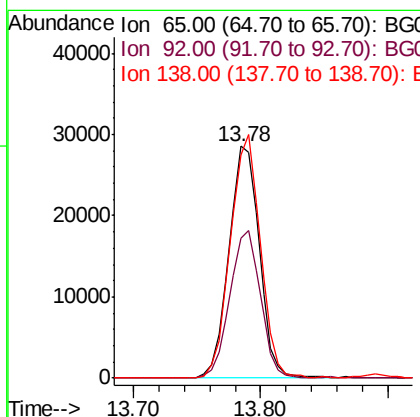
Manual Integrations  
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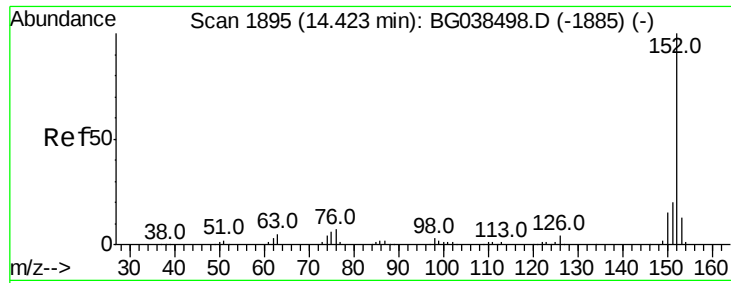
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#48  
 2-Nitroaniline  
 Concen: 33.441 ng  
 RT: 13.78 min Scan# 1820  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 60.4  | 50.0  | 75.0  |
| 138     | 96.4  | 76.9  | 115.3 |





#49

Acenaphthylene

Concen: 36.155 ng

RT: 14.42 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

Instrument :

BNA\_G

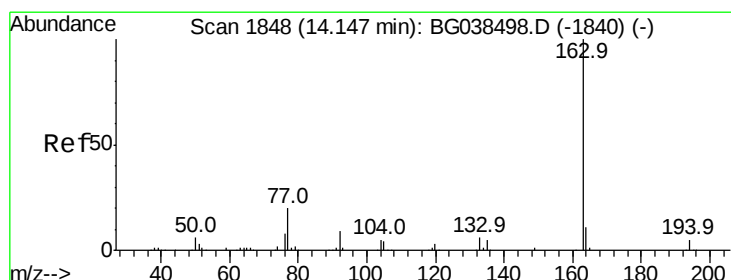
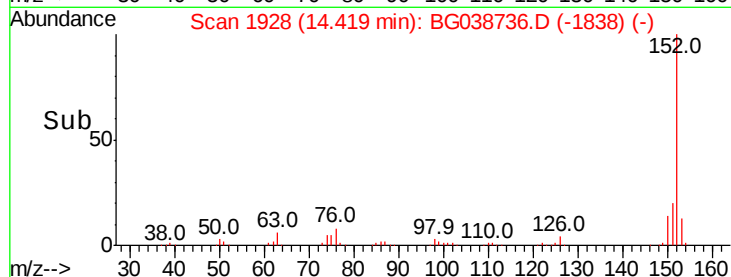
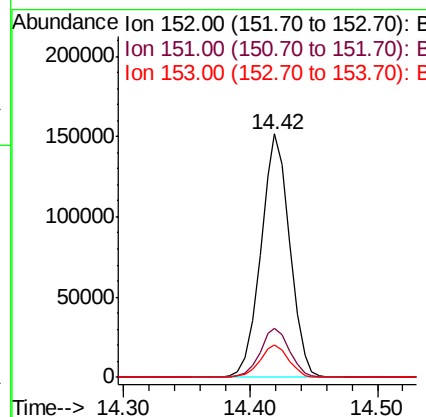
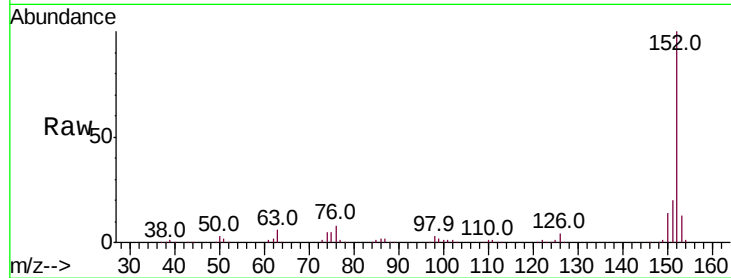
ClientSampleId :

EB03\_12-14MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 239647 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.3  | 16.4  | 24.6   |
| 153       | 13.4  | 10.4  | 15.6   |

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#50

Dimethylphthalate

Concen: 38.887 ng

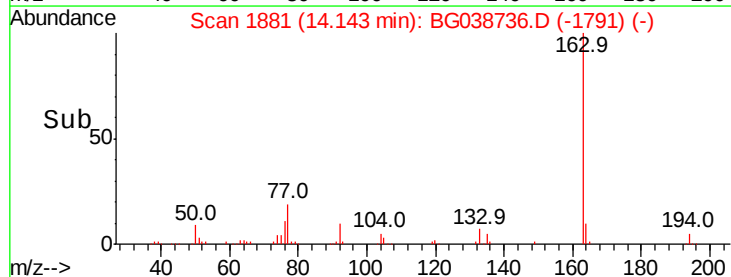
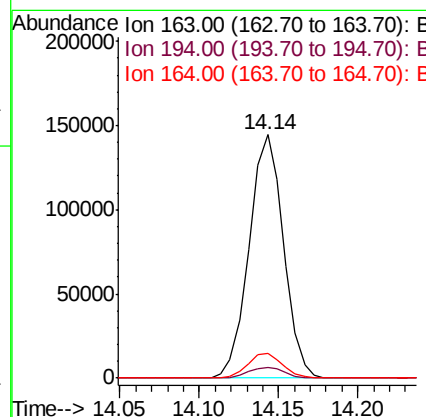
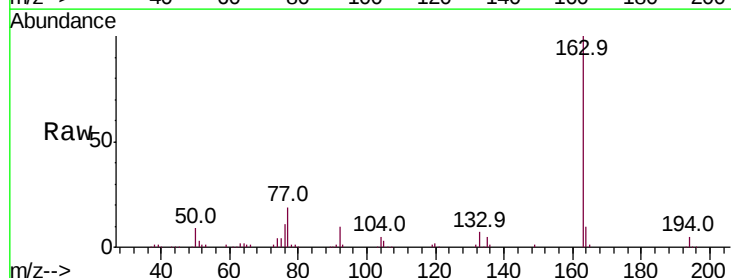
RT: 14.14 min Scan# 1881

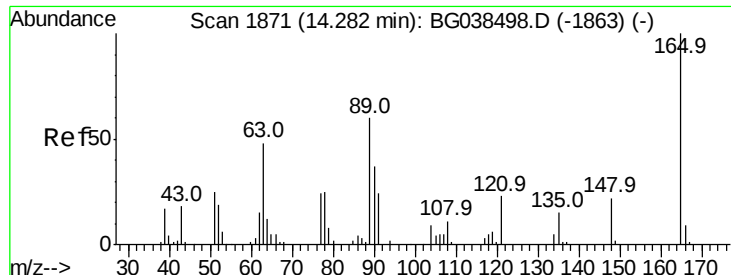
Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 217439 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.5   | 3.7   | 5.5    |
| 164       | 10.4  | 8.6   | 12.8   |





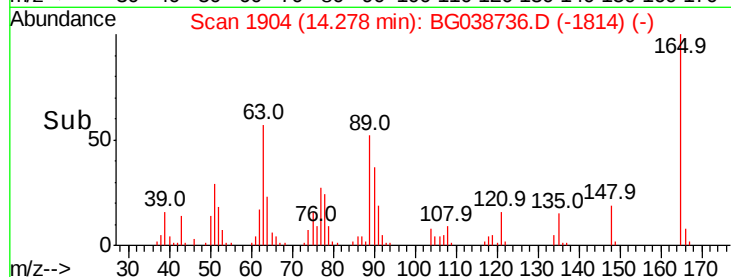
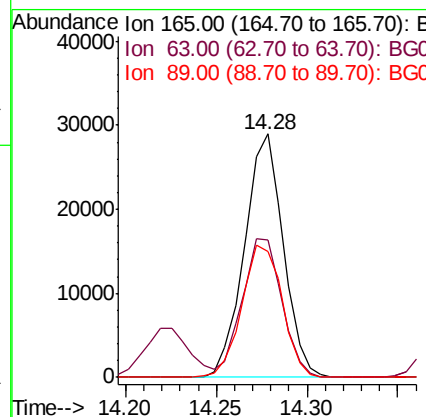
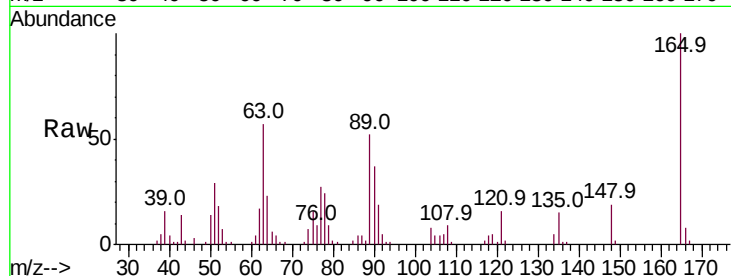
#51  
 2,6-Dinitrotoluene  
 Concen: 33.873 ng  
 RT: 14.28 min Scan# 1904  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB03\_12-14MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 42922 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 56.6  | 51.8  | 77.6  |
| 89        | 51.6  | 47.9  | 71.9  |

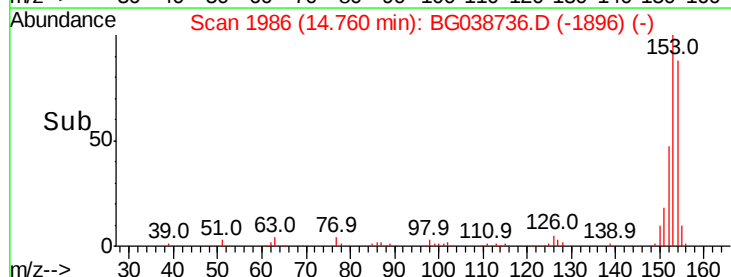
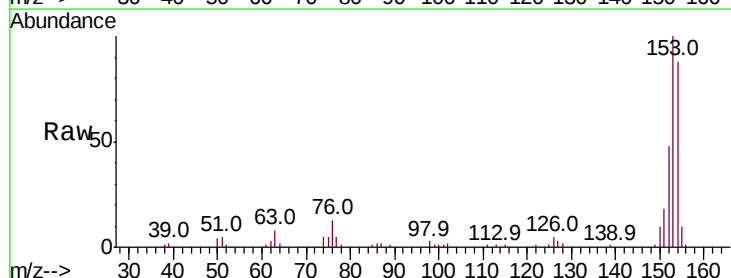
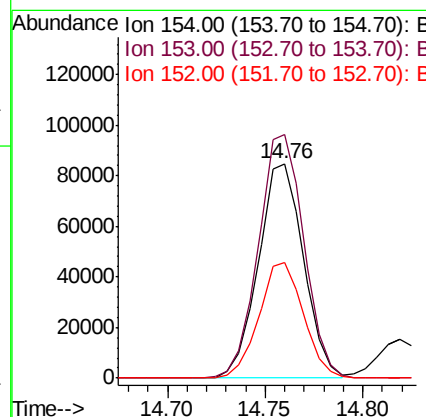
Manual Integrations  
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#52  
 Acenaphthene  
 Concen: 34.265 ng  
 RT: 14.76 min Scan# 1986  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 135813 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 113.7 | 90.6  | 136.0  |
| 152       | 54.2  | 43.5  | 65.3   |





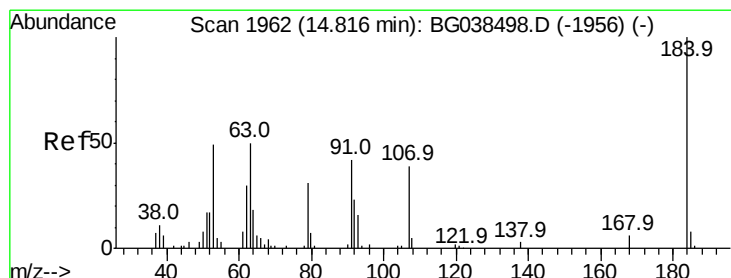
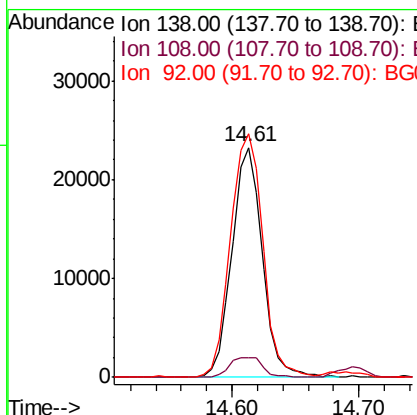
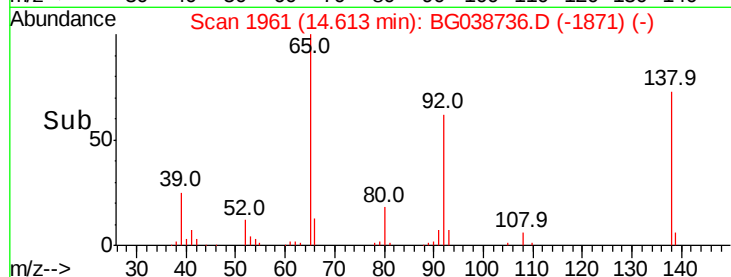
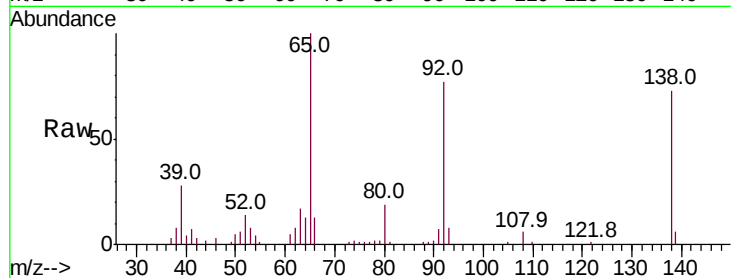
#53  
3-Nitroaniline  
Concen: 29.813 ng  
RT: 14.61 min Scan# 1961  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 8.6   | 7.9   | 11.9  |
| 92      | 106.0 | 95.3  | 142.9 |

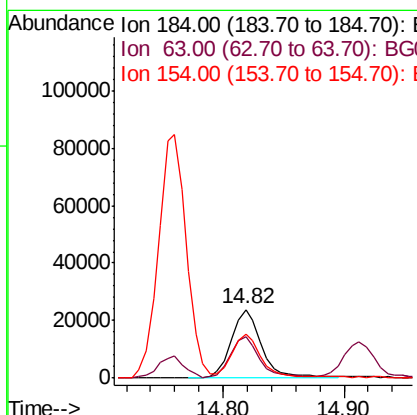
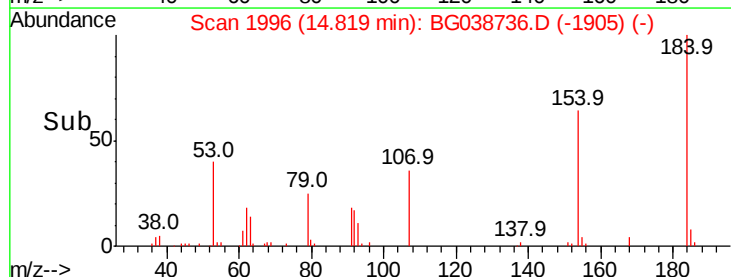
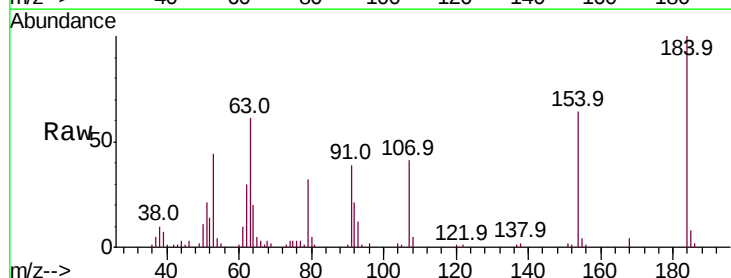
Manual Integrations  
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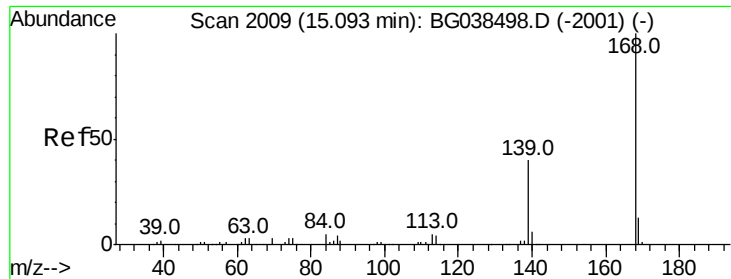
Sohil  
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#54  
2,4-Dinitrophenol  
Concen: 57.238 ng  
RT: 14.82 min Scan# 1996  
Delta R.T. 0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 61.3  | 47.0  | 70.6  |
| 154     | 64.5  | 50.3  | 75.5  |





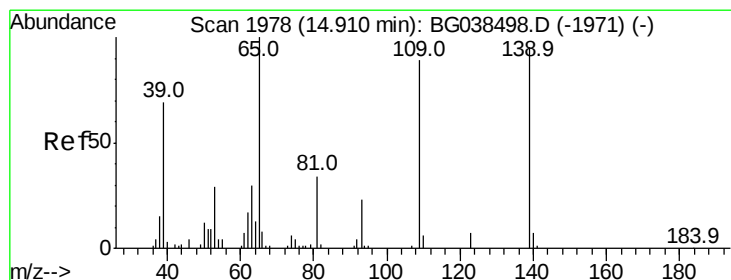
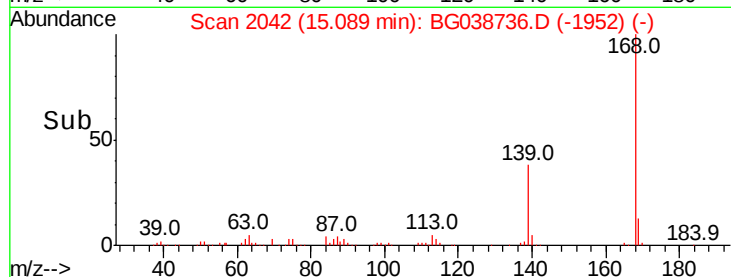
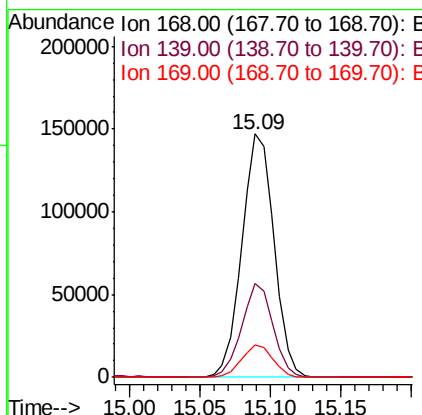
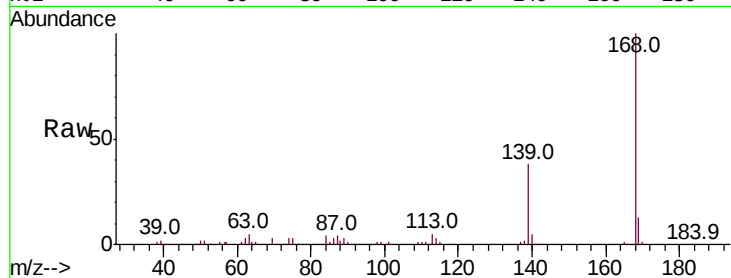
#55  
Dibenzenofuran  
Concen: 34.399 ng  
RT: 15.09 min Scan# 2042  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.5  | 32.2  | 48.2  |
| 169     | 13.3  | 10.6  | 16.0  |

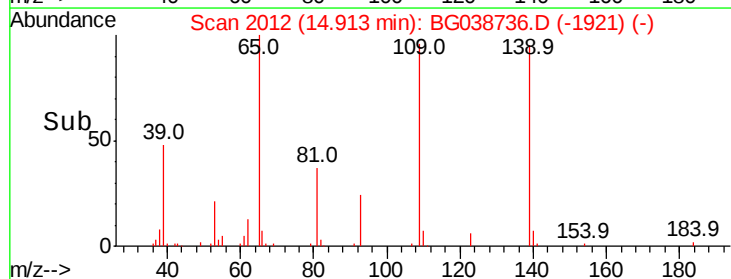
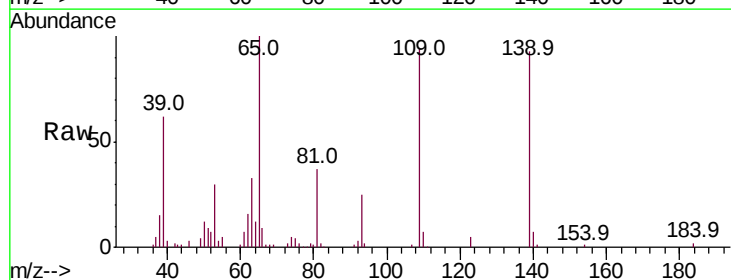
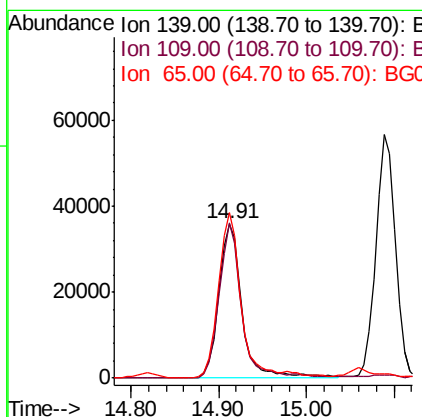
Manual Integrations  
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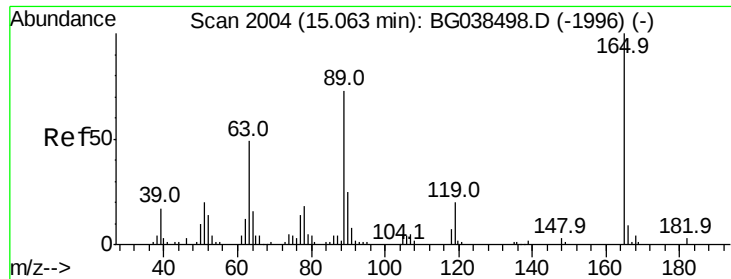
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12/20/2018 1:06:42 PM



#56  
4-Nitrophenol  
Concen: 67.651 ng  
RT: 14.91 min Scan# 2012  
Delta R.T. 0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 100.8 | 73.6  | 113.6 |
| 65      | 107.4 | 84.8  | 124.8 |





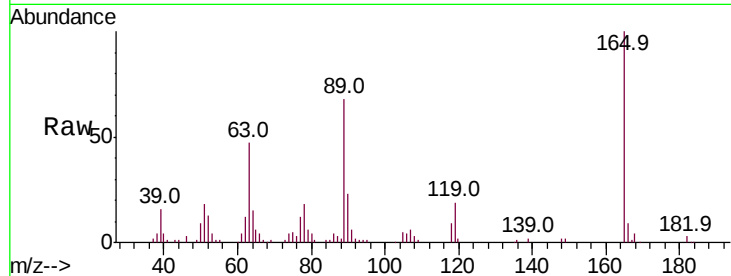
#57  
 2,4-Dinitrotoluene  
 Concen: 35.038 ng  
 RT: 15.06 min Scan# 2037  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 47.0  | 39.0  | 58.4  |
| 89      | 68.5  | 58.0  | 87.0  |
| 182     | 2.5   | 2.3   | 3.5   |

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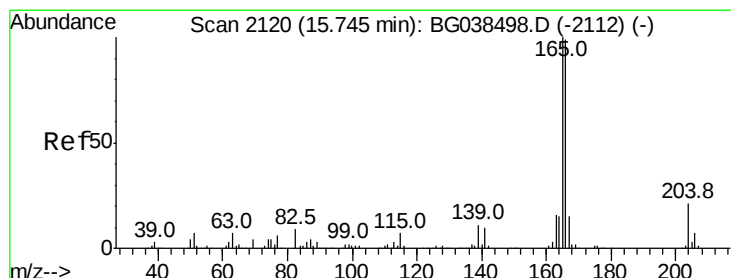
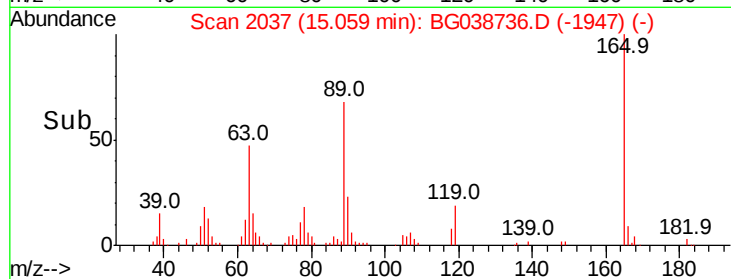
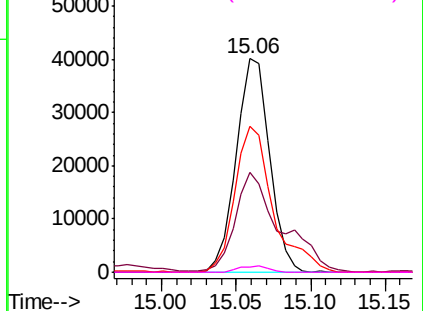
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

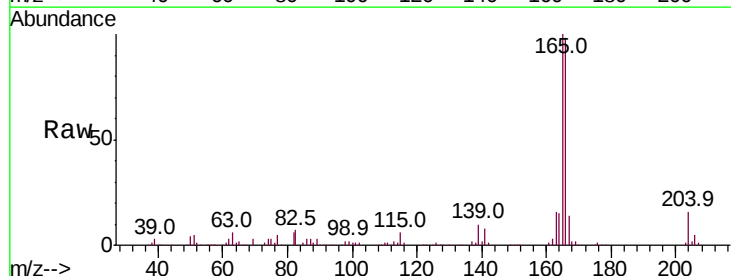
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
 Fluorene  
 Concen: 37.042 ng  
 RT: 15.74 min Scan# 2153  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 101.6 | 80.6  | 120.8 |
| 167     | 14.4  | 12.0  | 18.0  |

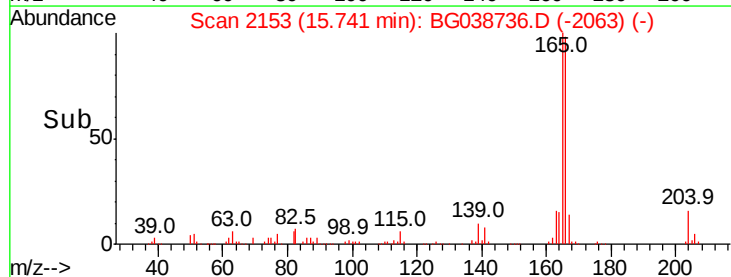
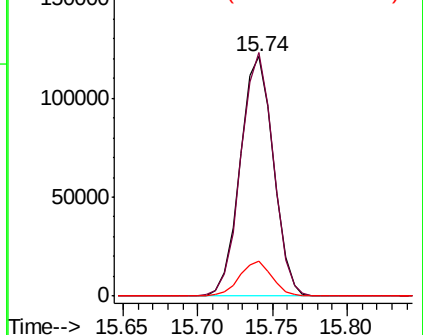


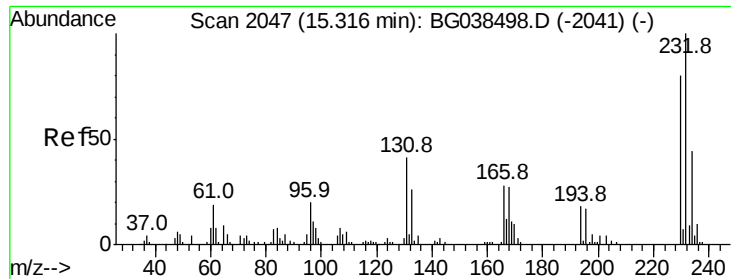
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





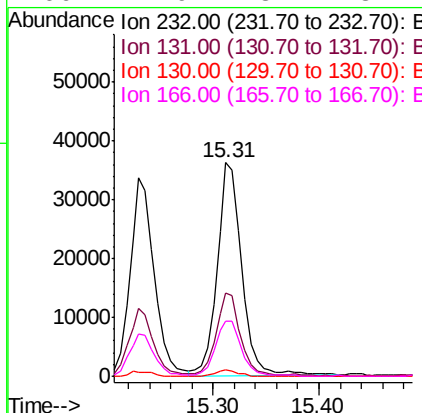
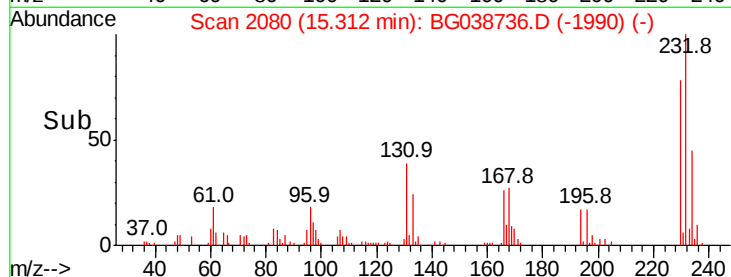
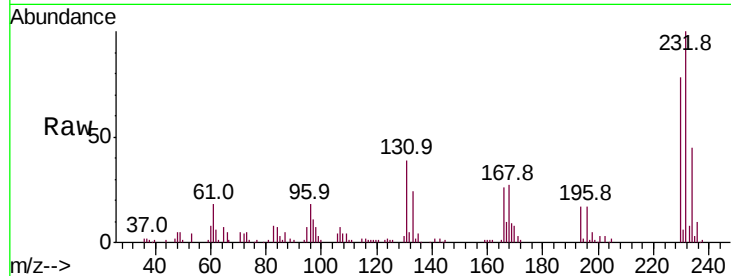
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 39.069 ng  
 RT: 15.31 min Scan# 2080  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 39.4  | 33.0  | 49.4  |
| 130     | 2.6   | 2.0   | 3.0   |
| 166     | 27.9  | 23.1  | 34.7  |

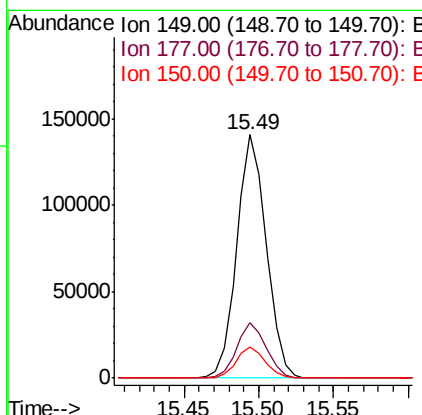
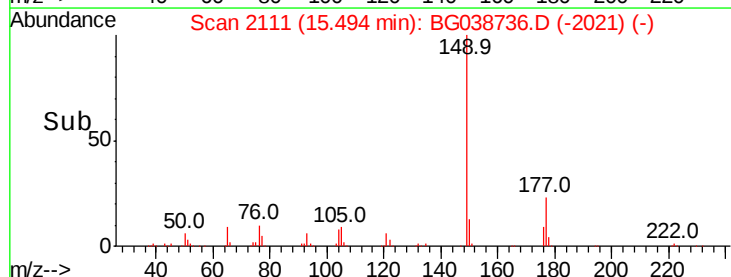
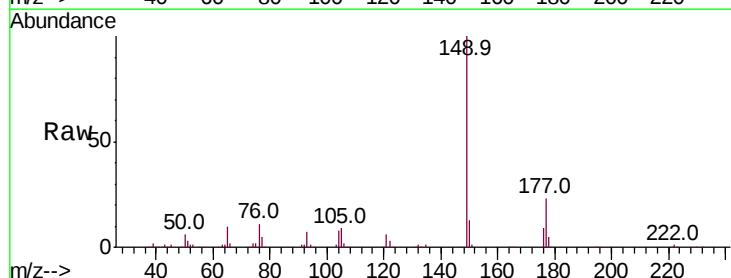
Manual Integrations  
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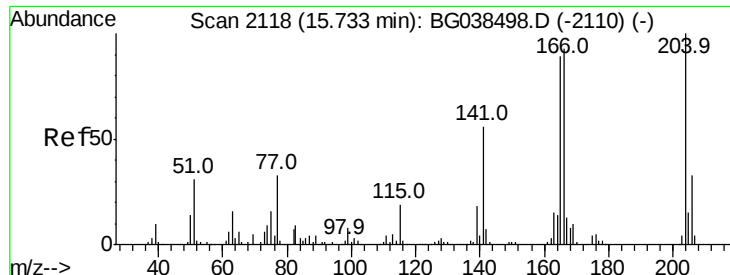
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#60  
 Diethylphthalate  
 Concen: 31.420 ng  
 RT: 15.49 min Scan# 2111  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.5  | 17.7  | 26.5  |
| 150     | 12.7  | 9.9   | 14.9  |





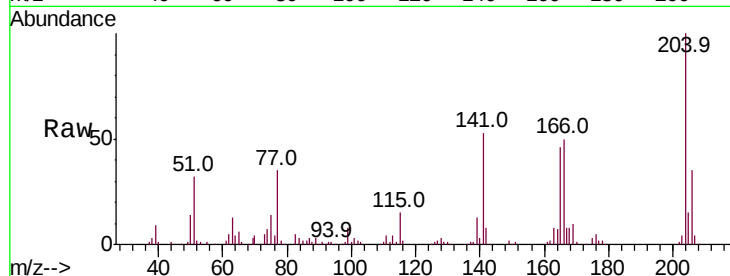
#61  
 4-Chlorophenyl-phenylether  
 Concen: 33.453 ng  
 RT: 15.72 min Scan# 2150  
 Delta R.T. -0.01 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB03\_12-14MSD

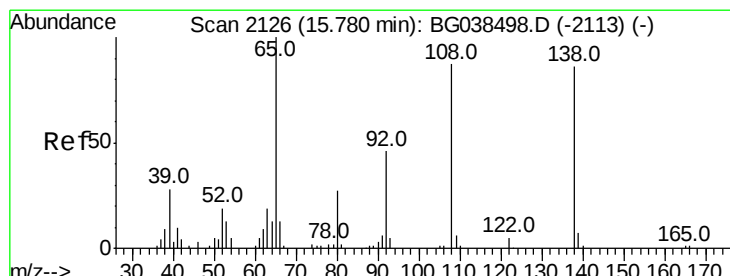
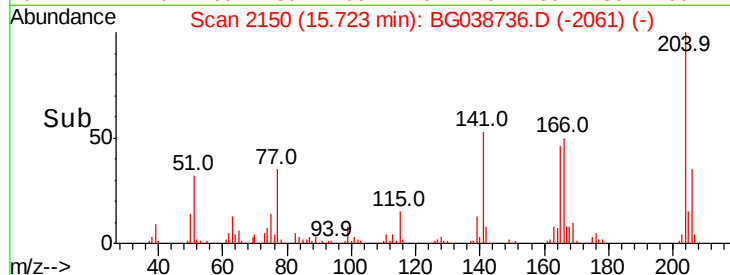
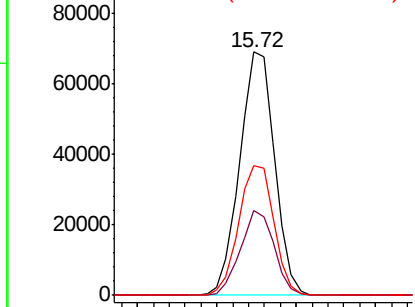
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 105066 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 34.6  | 26.0  | 39.0   |
| 141       | 53.2  | 44.4  | 66.6   |

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 12/20/2018 1:06:42 PM

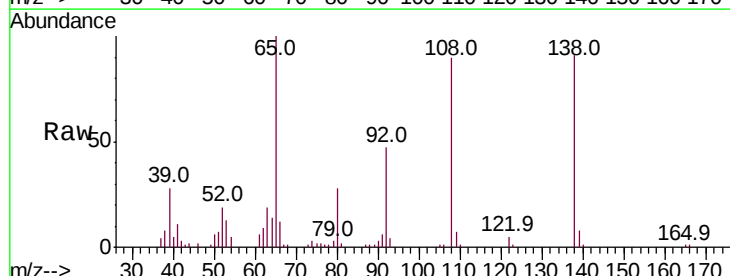


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

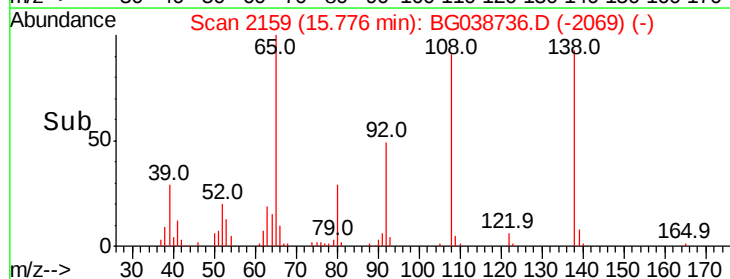
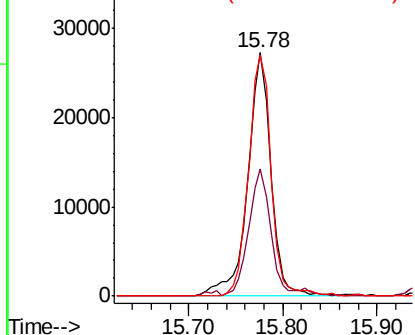


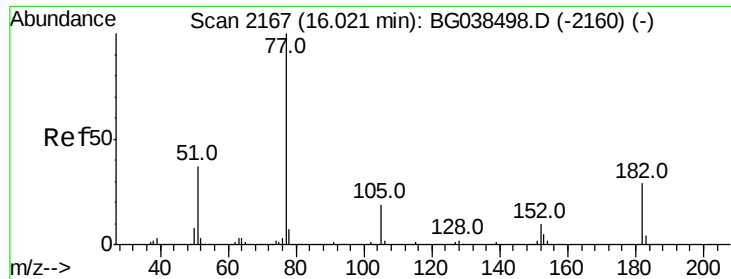
#62  
 4-Nitroaniline  
 Concen: 35.175 ng  
 RT: 15.78 min Scan# 2159  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 138   | Resp: | 46776 |
| Ion Ratio | Lower | Upper |       |
| 138       | 100   |       |       |
| 92        | 52.0  | 33.3  | 73.3  |
| 108       | 99.1  | 81.4  | 121.4 |



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





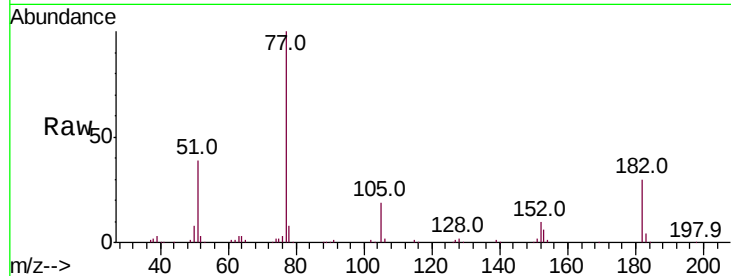
#63  
Azobenzene  
Concen: 32.072 ng  
RT: 16.02 min Scan# 2200  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 77      | 100  |       |      |       |       |
| 182     | 30.4 | 8.7   | 48.7 |       |       |
| 105     | 19.2 | 0.0   | 38.7 |       |       |
| 51      | 39.2 | 16.6  | 56.6 |       |       |

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Abundance

Ion 77.00 (76.70 to 77.70): BGC

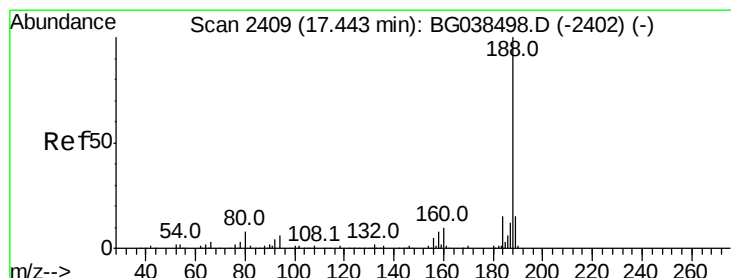
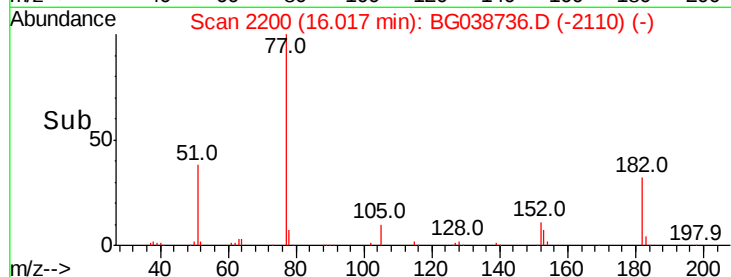
Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

16.02

Time-->



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.44 min Scan# 2443  
Delta R.T. 0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

| Tgt Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 188     | 100 |       |      |       |       |
| 94      | 6.5 | 5.1   | 7.7  |       |       |
| 80      | 6.7 | 6.1   | 9.1  |       |       |

Abundance

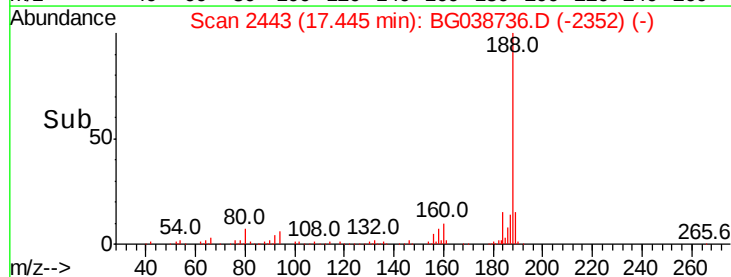
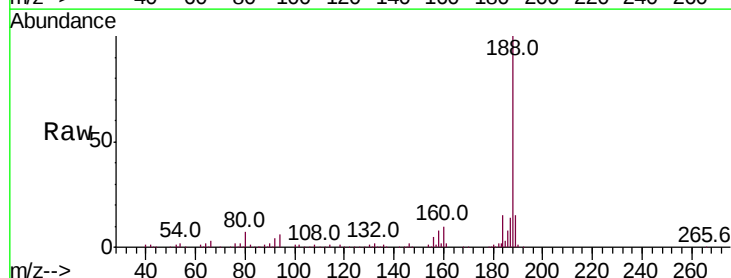
Ion 188.00 (187.70 to 188.70): BGC

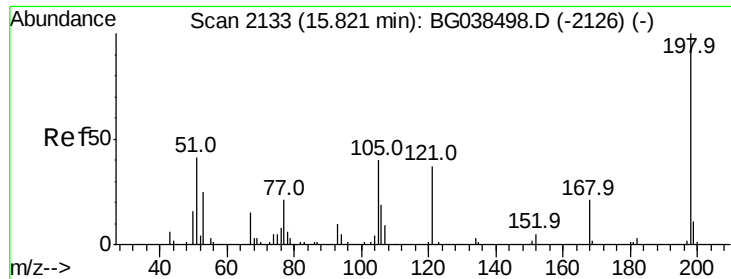
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

17.44

Time-->





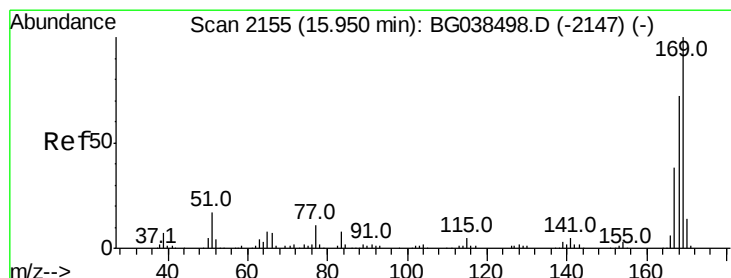
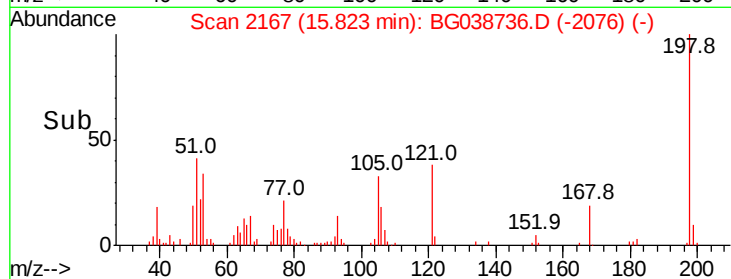
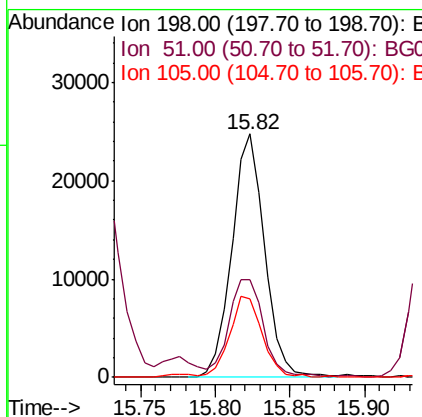
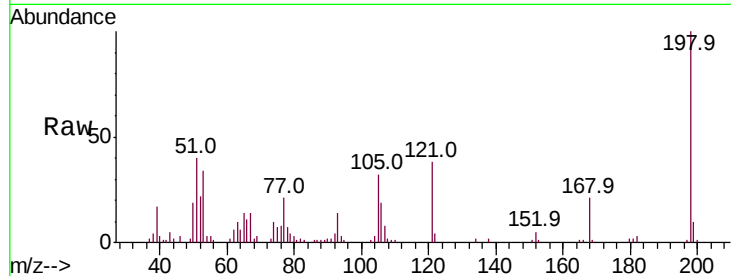
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 30.825 ng  
 RT: 15.82 min Scan# 2167  
 Delta R.T. 0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB03\_12-14MSD

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 198     | 100   | 37937 |       |       |
| 51      | 40.4  |       | 28.6  | 68.6  |
| 105     | 32.2  |       | 20.4  | 60.4  |

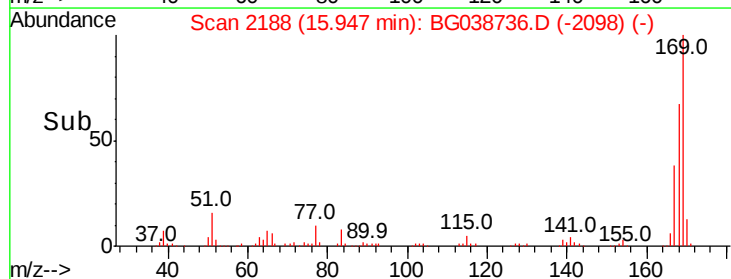
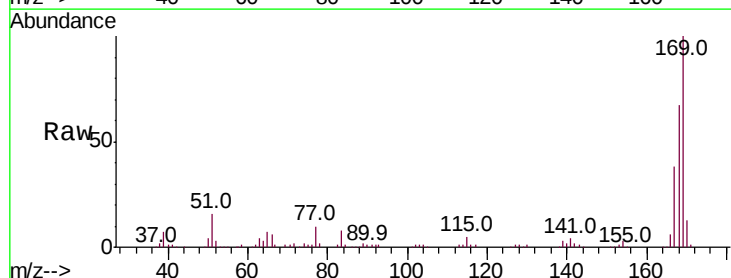
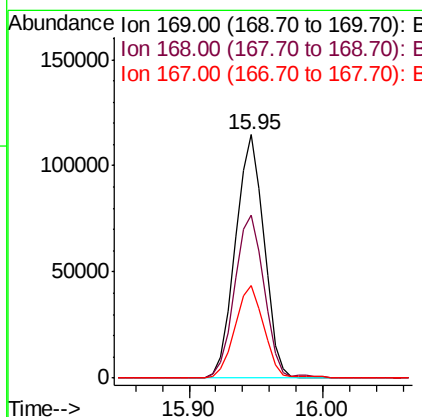
Manual Integrations  
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 12/20/2018 1:06:42 PM



#66  
 n-Nitrosodiphenylamine  
 Concen: 33.533 ng  
 RT: 15.95 min Scan# 2188  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 169     | 100   | 169986 |       |       |
| 168     | 67.0  |        | 57.5  | 86.3  |
| 167     | 37.9  |        | 30.2  | 45.2  |





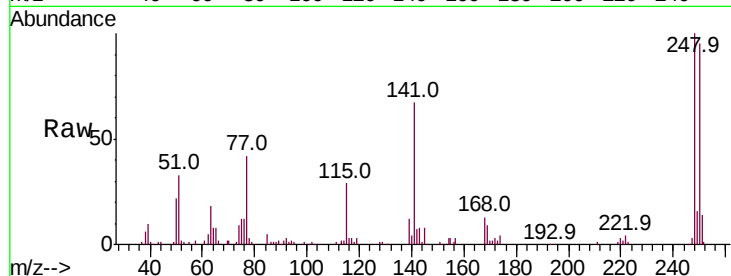
#67  
 4-Bromophenyl-phenylether  
 Concen: 32.726 ng  
 RT: 16.62 min Scan# 2303  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 94.6  | 73.4  | 110.2 |
| 141     | 66.9  | 52.9  | 79.3  |

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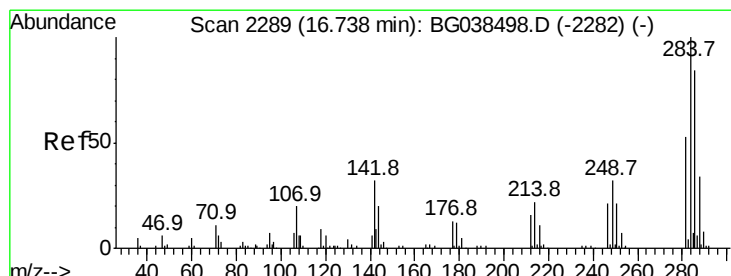
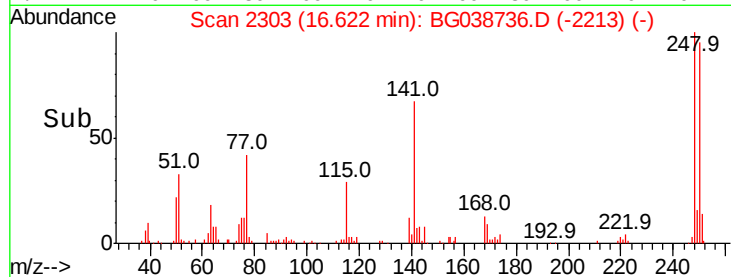
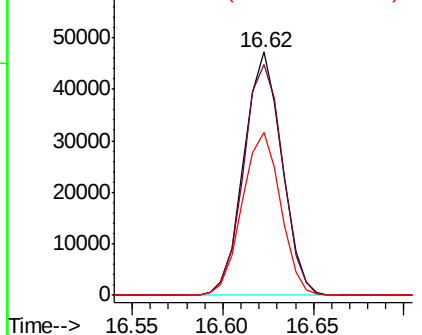


Abundance

Ion 248.00 (247.70 to 248.70): E

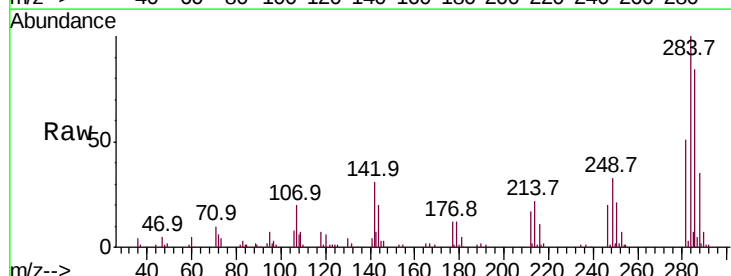
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 33.551 ng  
 RT: 16.73 min Scan# 2322  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.0  | 25.8  | 38.6  |
| 249     | 35.8  | 27.0  | 40.4  |

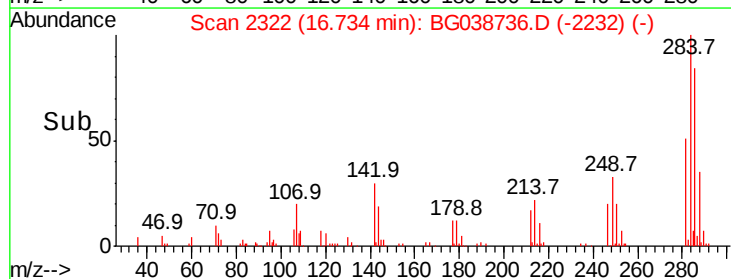
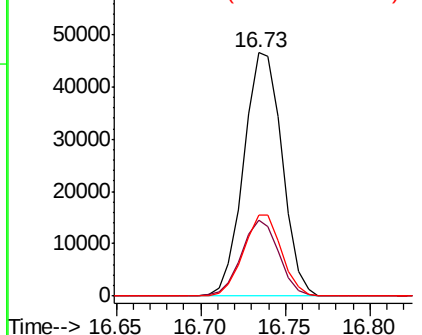


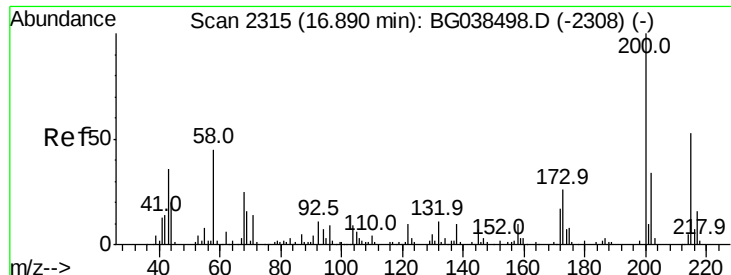
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





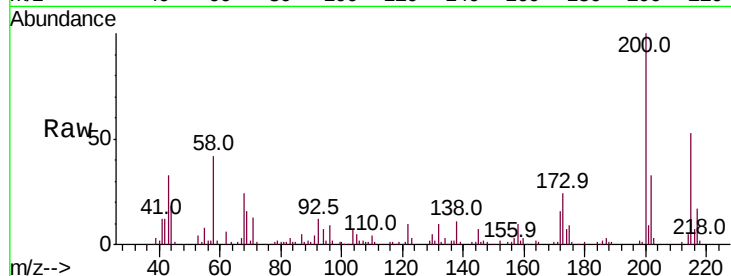
#69  
Atrazine  
Concen: 37.160 ng  
RT: 16.89 min Scan# 2348  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

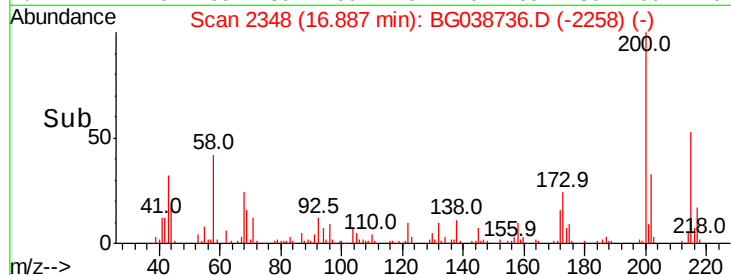
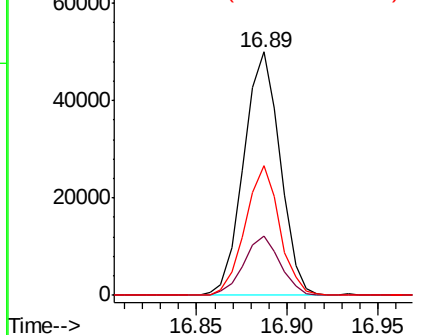
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.1  | 5.9   | 45.9  |
| 215     | 53.0  | 33.1  | 73.1  |

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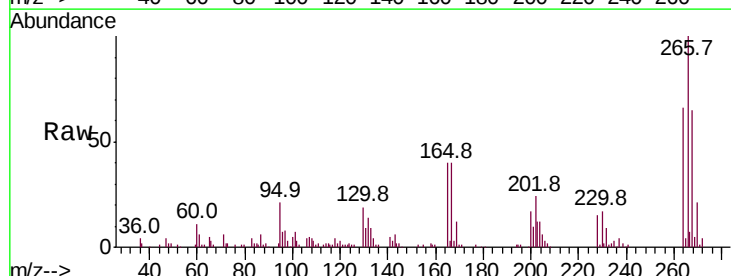


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

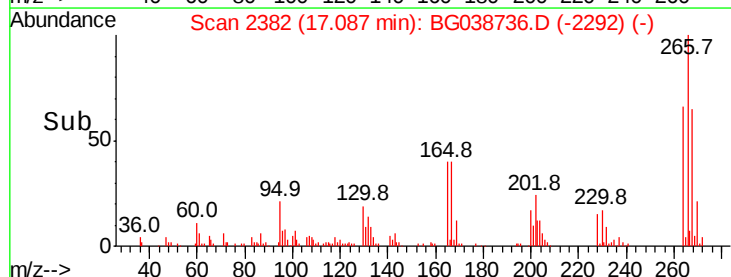
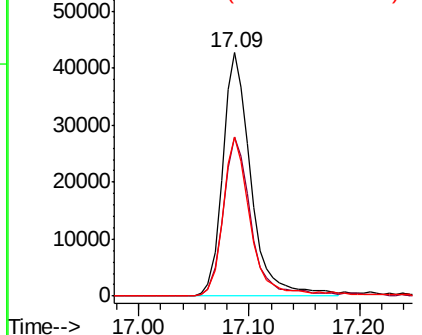


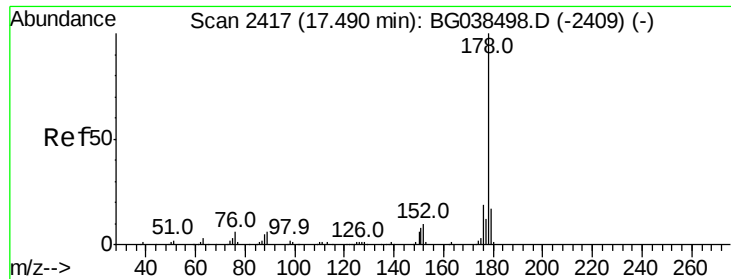
#70  
Pentachlorophenol  
Concen: 59.038 ng  
RT: 17.09 min Scan# 2382  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 69.8  | 55.0  | 82.6  |
| 264     | 69.8  | 56.7  | 85.1  |



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





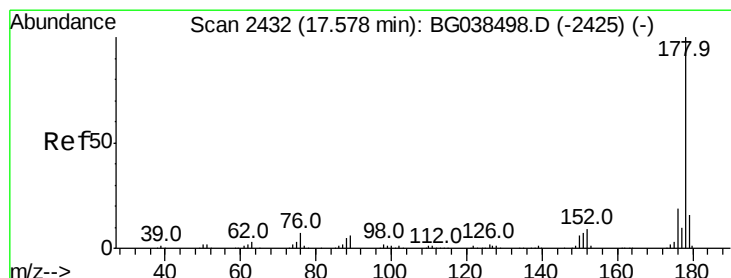
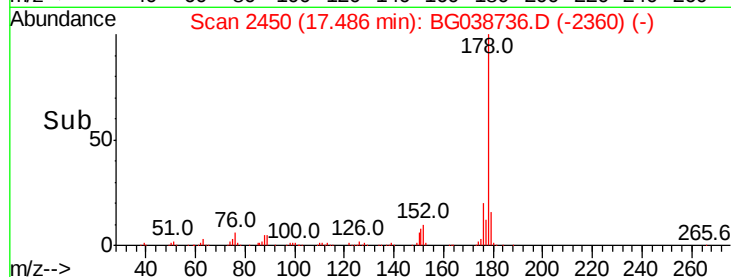
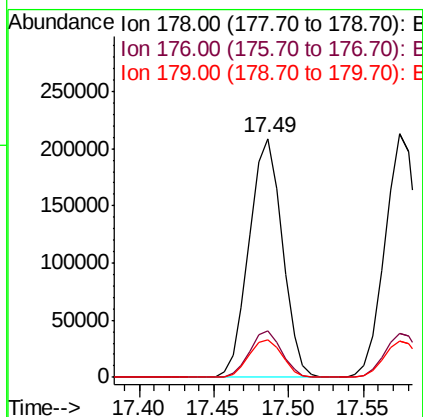
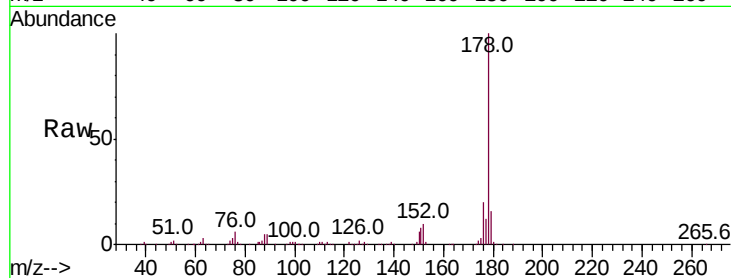
#71  
Phenanthrene  
Concen: 35.865 ng  
RT: 17.49 min Scan# 2450  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.7  | 15.1  | 22.7  |
| 179     | 15.6  | 13.2  | 19.8  |

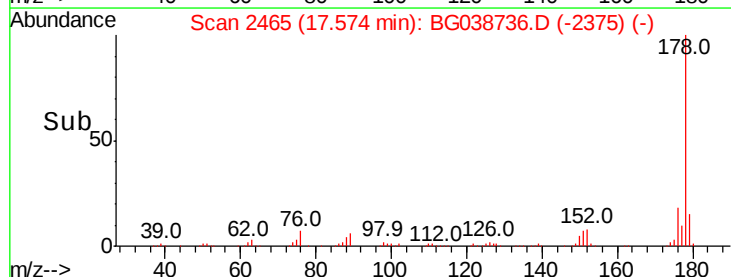
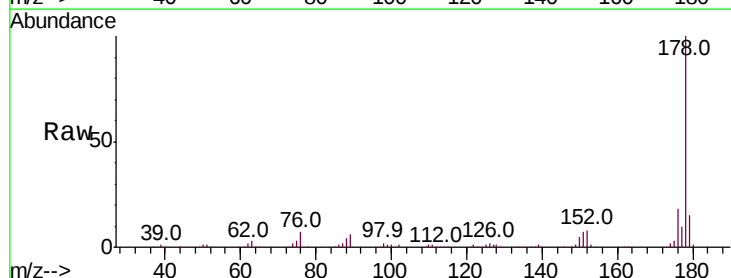
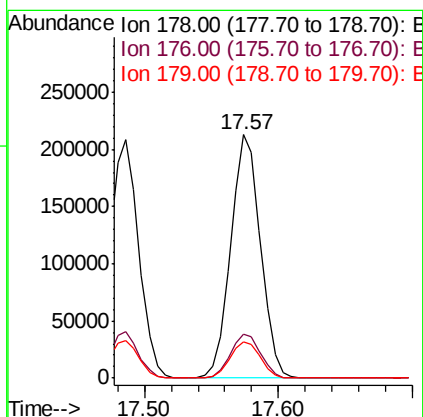
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#72  
Anthracene  
Concen: 37.312 ng  
RT: 17.57 min Scan# 2465  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.2  | 15.1  | 22.7  |
| 179     | 14.7  | 12.9  | 19.3  |





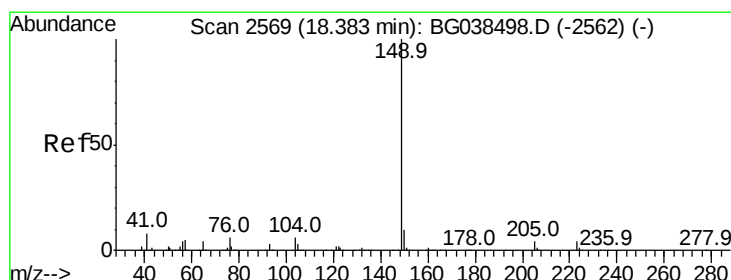
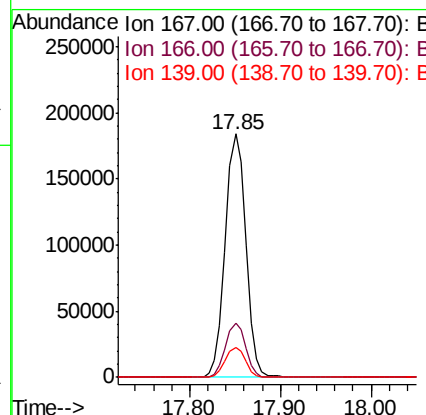
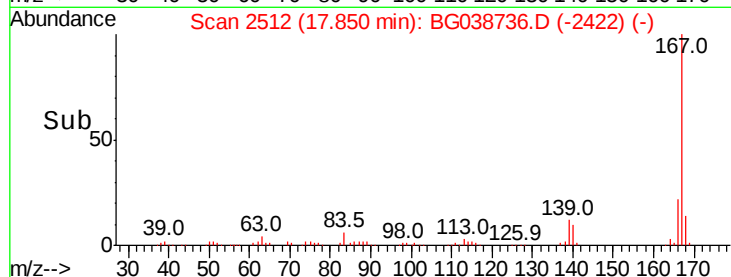
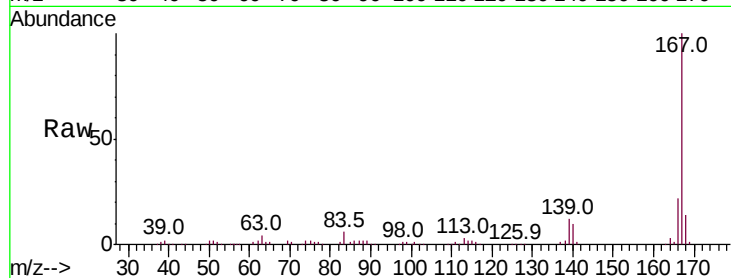
#73  
 Carbazole  
 Concen: 33.239 ng  
 RT: 17.85 min Scan# 2512  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB03\_12-14MSD

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 167     | 100   |      |       |       |
| 166     | 22.2  | 17.9 | 26.9  |       |
| 139     | 12.2  | 10.2 | 15.2  |       |

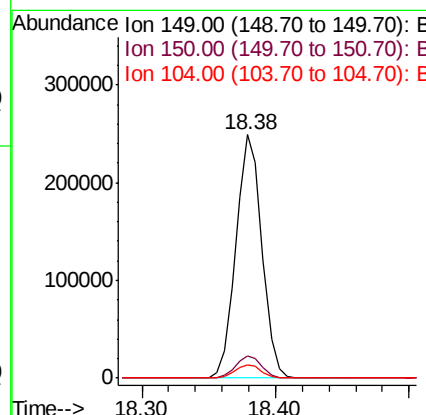
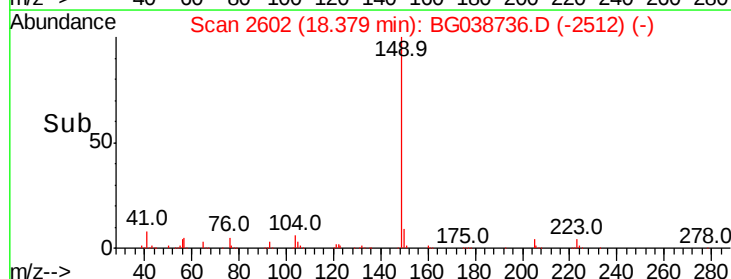
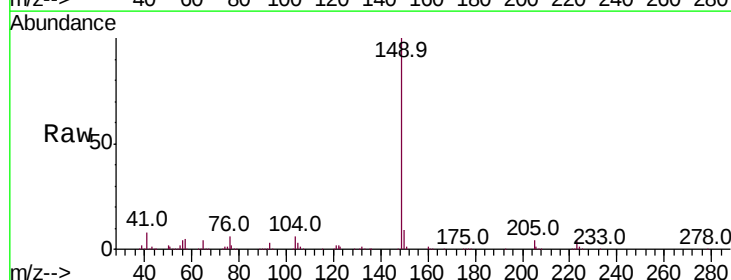
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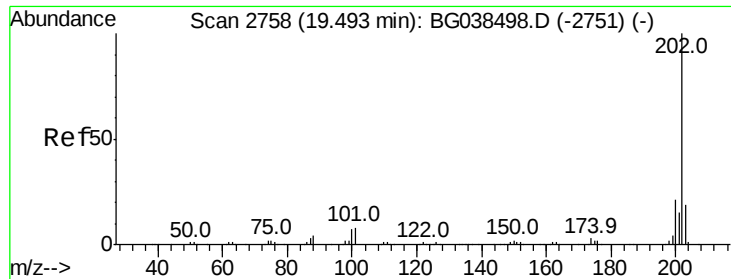
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#74  
 Di-n-butylphthalate  
 Concen: 33.488 ng  
 RT: 18.38 min Scan# 2602  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 149     | 100   |      |       |       |
| 150     | 9.2   | 7.6  | 11.4  |       |
| 104     | 5.5   | 5.0  | 7.4   |       |





#75

Fluoranthene

Concen: 36.302 ng

RT: 19.49 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

Instrument :

BNA\_G

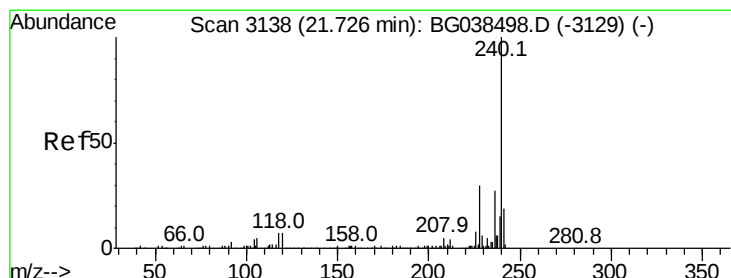
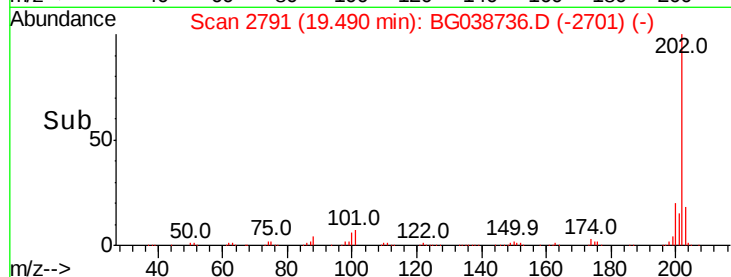
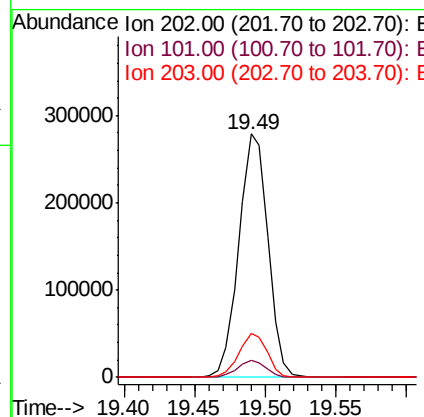
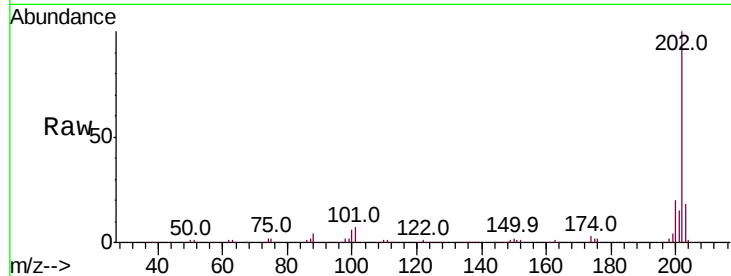
ClientSampleId :

EB03\_12-14MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 401845 |       |       |
| 101     | 7.1   | 0.0    | 28.1  |       |
| 203     | 18.1  | 0.0    | 39.0  |       |

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#76

Chrysene-d12

Concen: 20.000 ng

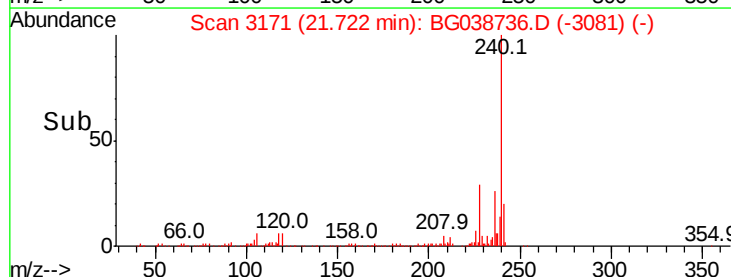
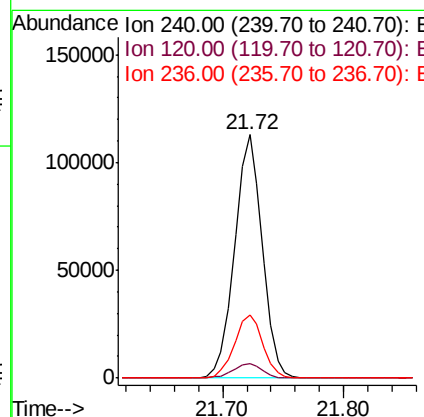
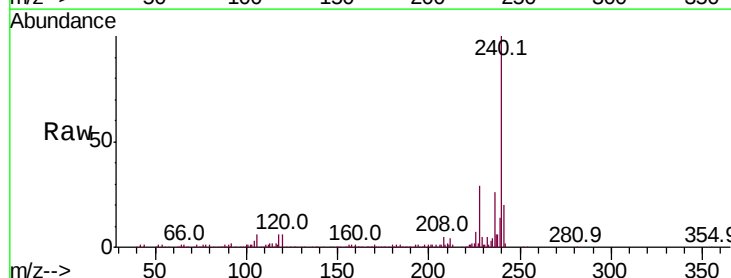
RT: 21.72 min Scan# 3171

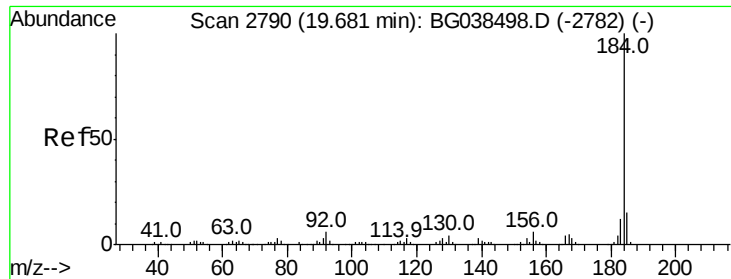
Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 179202 |       |       |
| 120     | 6.2   | 5.3    | 7.9   |       |
| 236     | 26.2  | 21.4   | 32.2  |       |





#77

Benzidine

Concen: 44.696 ng

RT: 19.68 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

Instrument :

BNA\_G

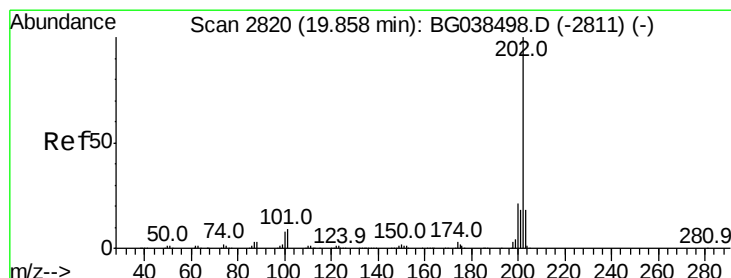
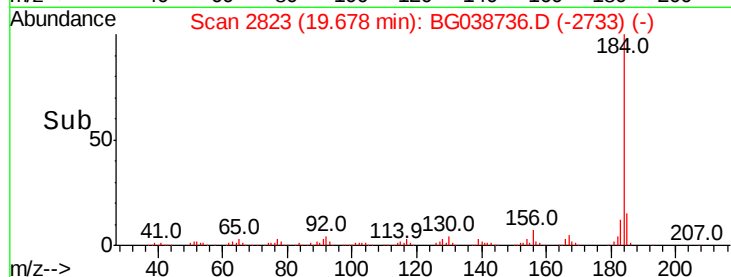
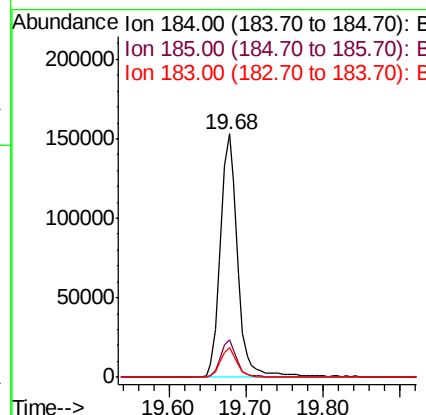
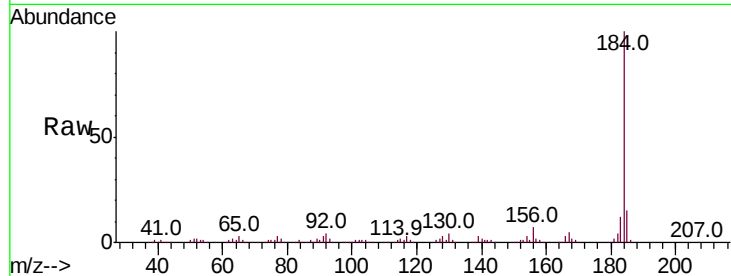
ClientSampleId :

EB03\_12-14MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 236877 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 15.2  | 12.2  | 18.2   |
| 183       | 12.1  | 9.6   | 14.4   |

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#78

Pyrene

Concen: 34.063 ng

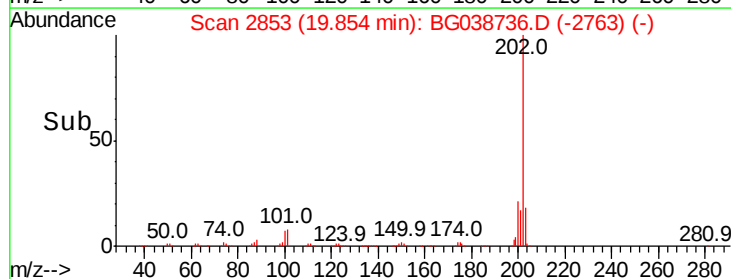
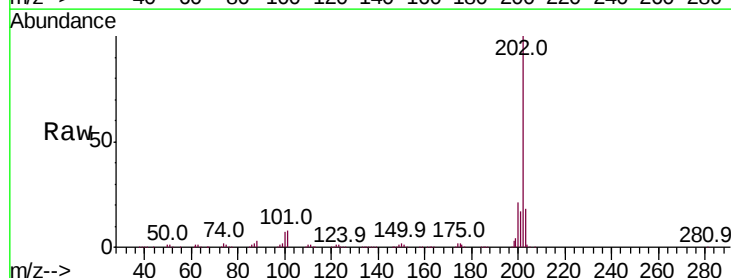
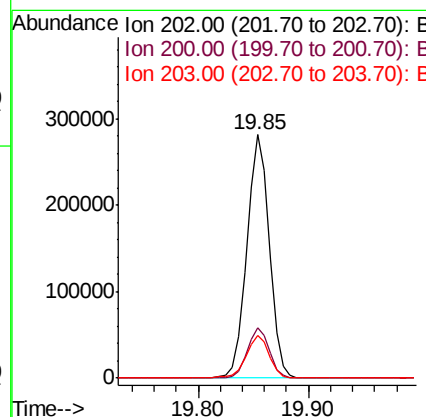
RT: 19.85 min Scan# 2853

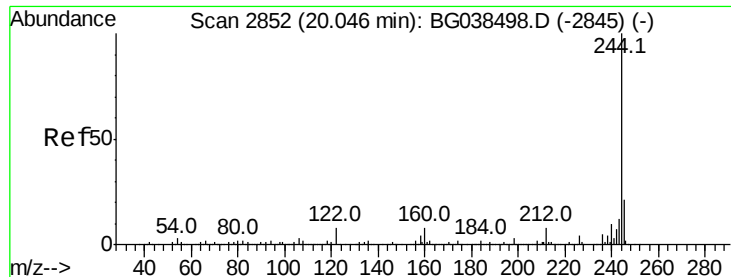
Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 403262 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.6  | 16.6  | 25.0   |
| 203       | 17.7  | 14.6  | 21.8   |





#79

Terphenyl-d14

Concen: 77.221 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

Instrument :

BNA\_G

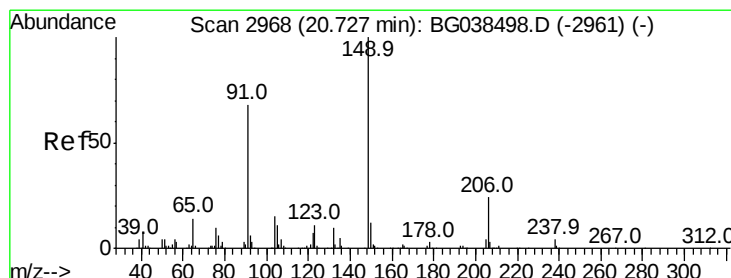
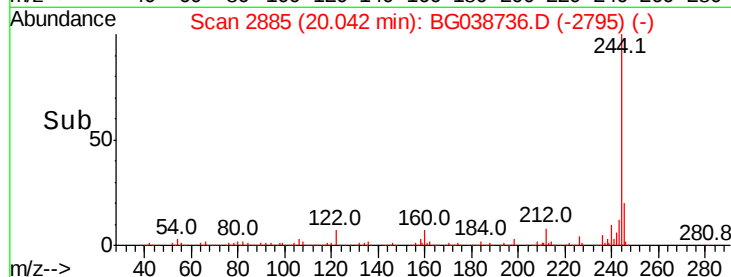
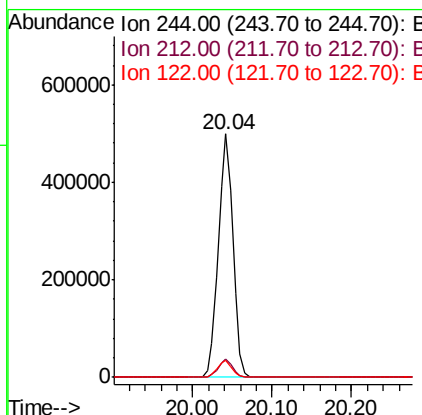
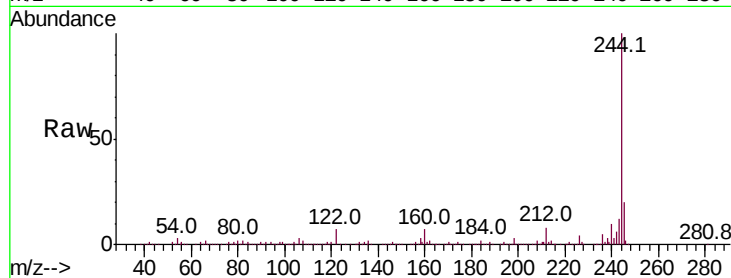
ClientSampleId :

EB03\_12-14MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 244   | Resp: | 635845 |
| Ion Ratio | Lower | Upper |        |
| 244       | 100   |       |        |
| 212       | 7.7   | 6.2   | 9.2    |
| 122       | 6.9   | 6.3   | 9.5    |

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#80

Butylbenzylphthalate

Concen: 32.983 ng

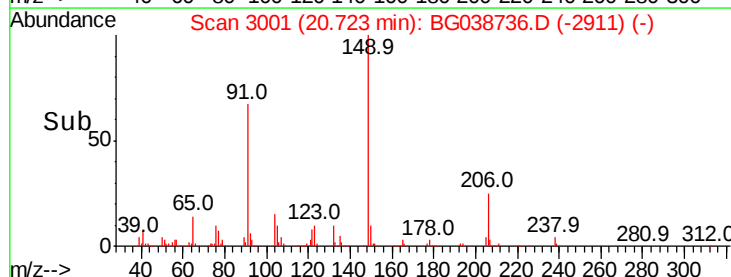
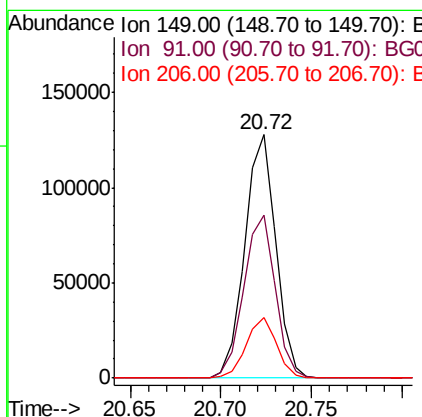
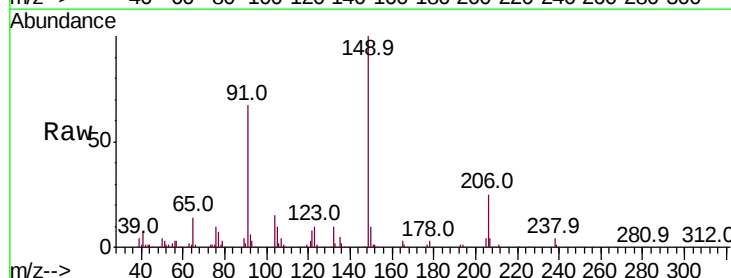
RT: 20.72 min Scan# 3001

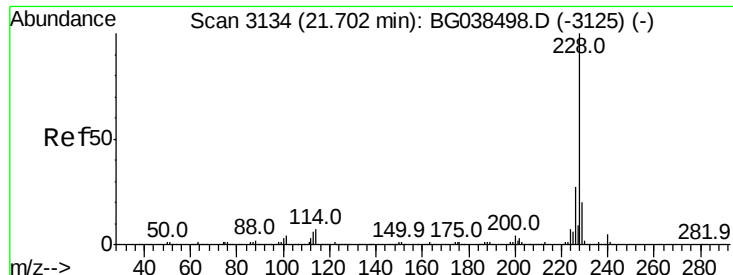
Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 152552 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 91        | 67.2  | 54.5  | 81.7   |
| 206       | 24.9  | 19.0  | 28.6   |





#81

Benzo(a)anthracene

Concen: 36.172 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

Instrument :

BNA\_G

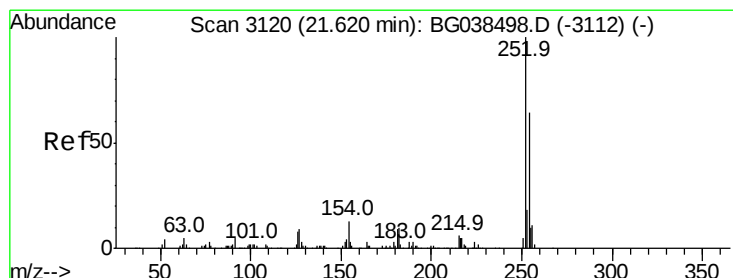
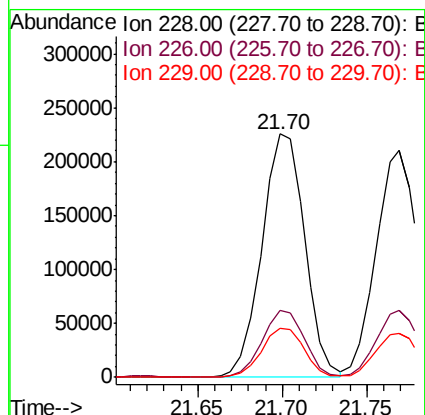
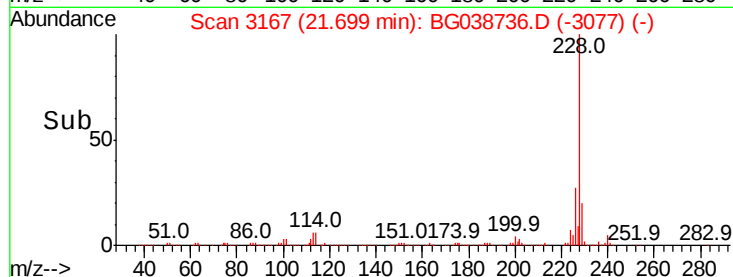
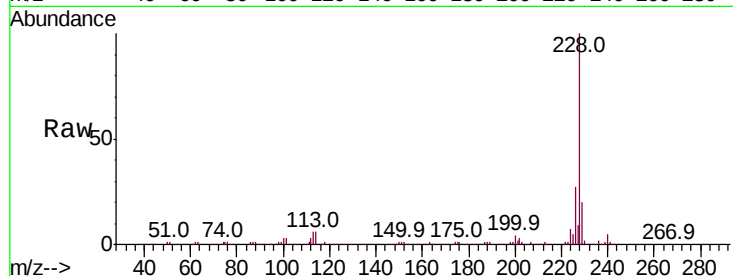
ClientSampleId :

EB03\_12-14MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 394985 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.3  | 21.8  | 32.8   |
| 229       | 20.3  | 15.8  | 23.6   |

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#82

3,3'-Dichlorobenzidine

Concen: 27.333 ng

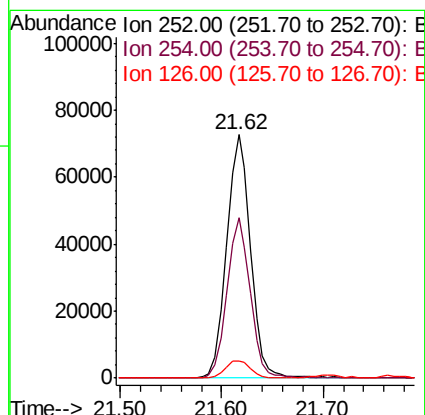
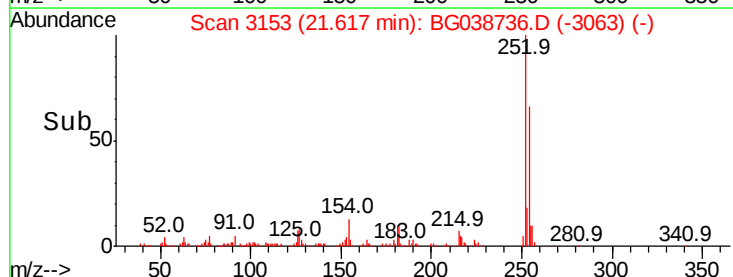
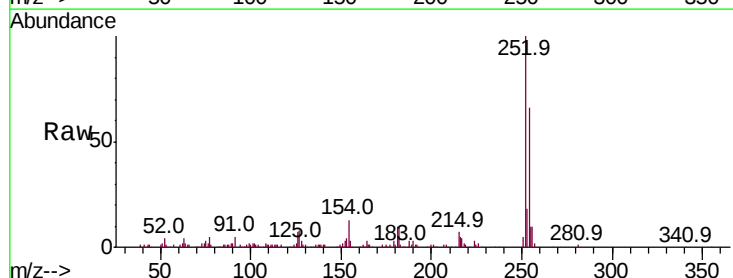
RT: 21.62 min Scan# 3153

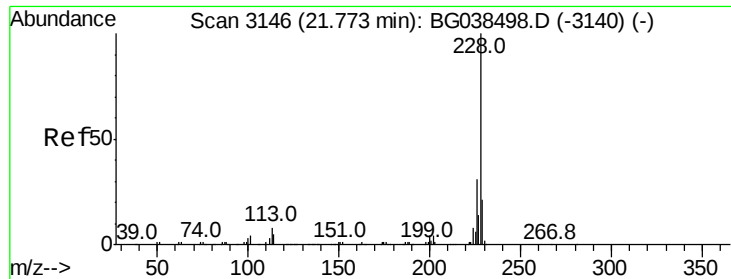
Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 118375 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 254       | 66.1  | 50.9  | 76.3   |
| 126       | 7.1   | 6.3   | 9.5    |





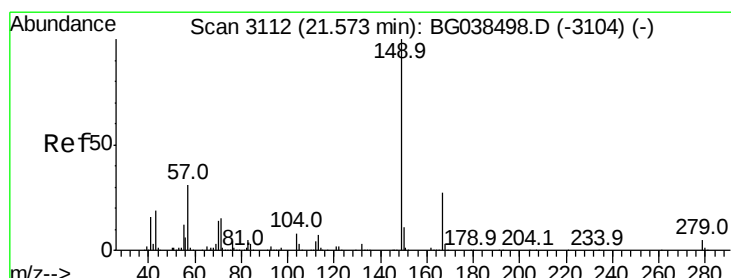
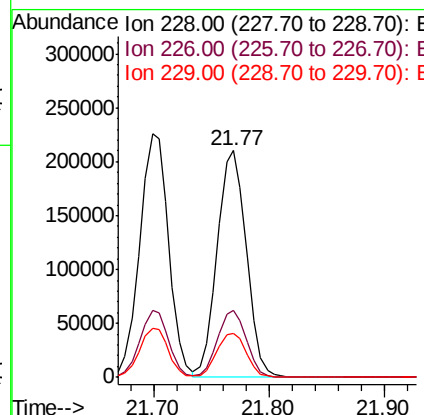
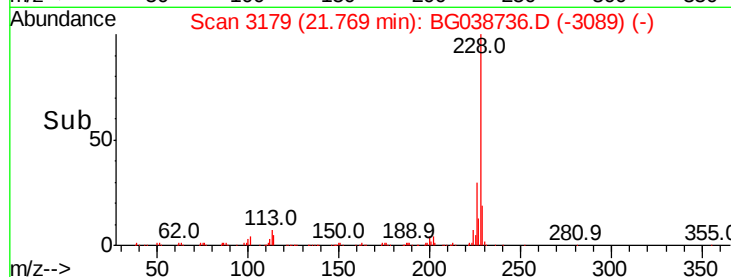
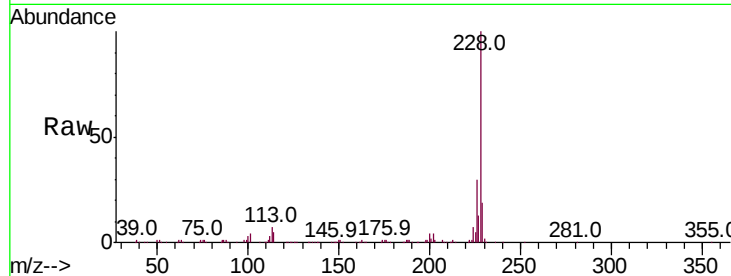
#83  
 Chrysene  
 Concen: 34.947 ng  
 RT: 21.77 min Scan# 3179  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB03\_12-14MSD

| Tot Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 228     | 100  |       |      |       |       |
| 226     | 29.7 | 25.0  | 37.4 |       |       |
| 229     | 19.4 | 16.5  | 24.7 |       |       |

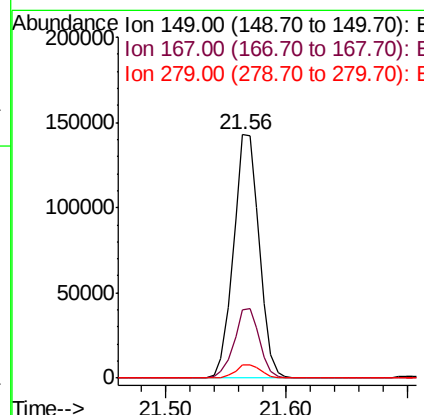
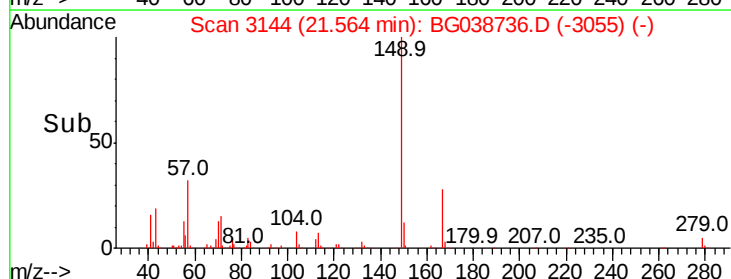
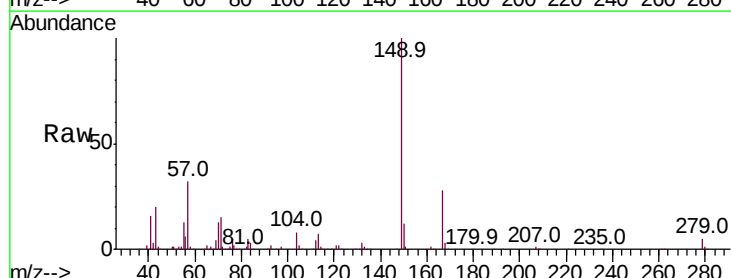
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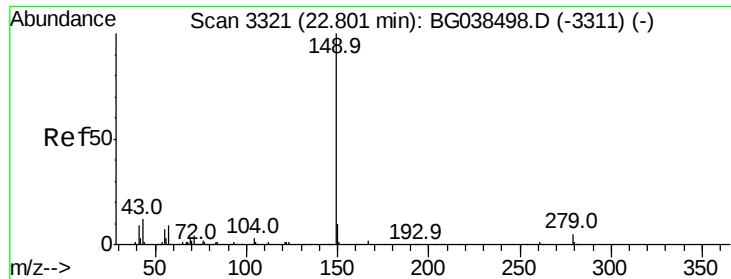
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 32.130 ng  
 RT: 21.56 min Scan# 3144  
 Delta R.T. -0.01 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

| Tgt Ion | Ion  | Ratio | Resp | Lower | Upper |
|---------|------|-------|------|-------|-------|
| 149     | 100  |       |      |       |       |
| 167     | 27.9 | 21.9  | 32.9 |       |       |
| 279     | 5.4  | 4.2   | 6.2  |       |       |





#85

Di-n-octyl phthalate

Concen: 33.237 ng

RT: 22.79 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

Instrument :

BNA\_G

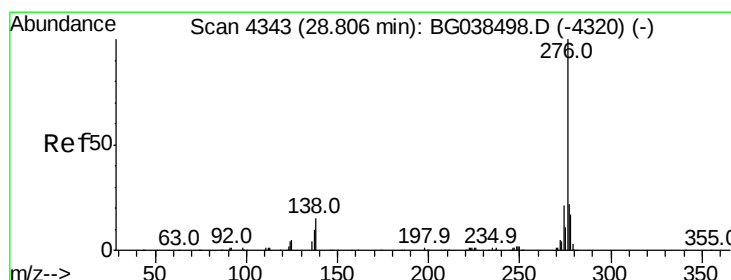
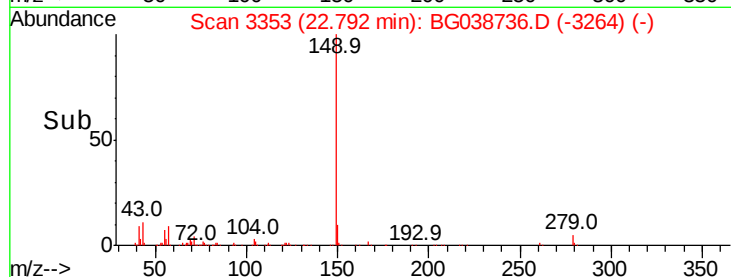
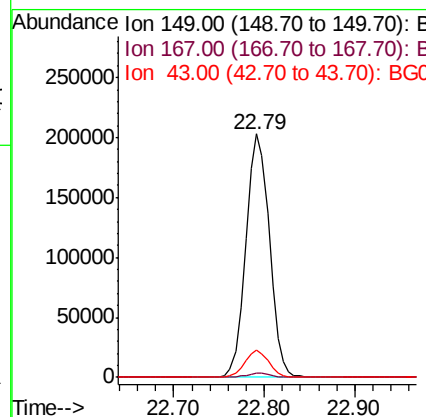
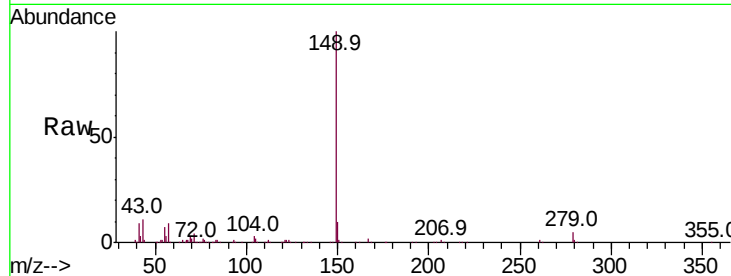
ClientSampleId :

EB03\_12-14MSD

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 365137 |       |       |
| 167     | 1.6   | 1.2    | 1.8   |       |
| 43      | 11.1  | 9.3    | 13.9  |       |

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12/20/2018 1:06:42 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.135 ng

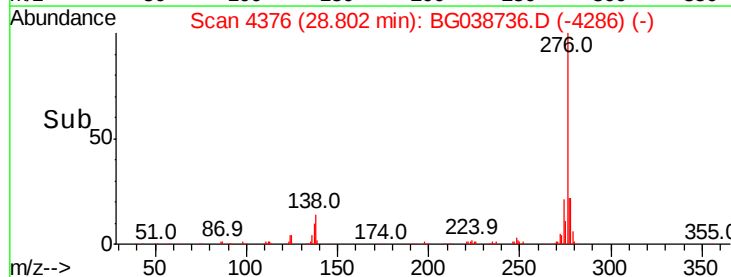
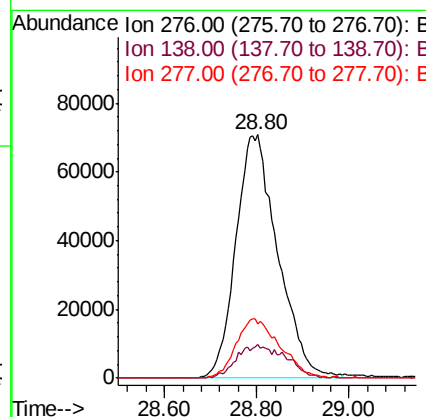
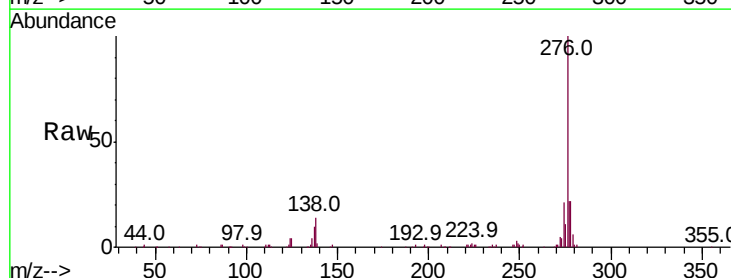
RT: 28.80 min Scan# 4376

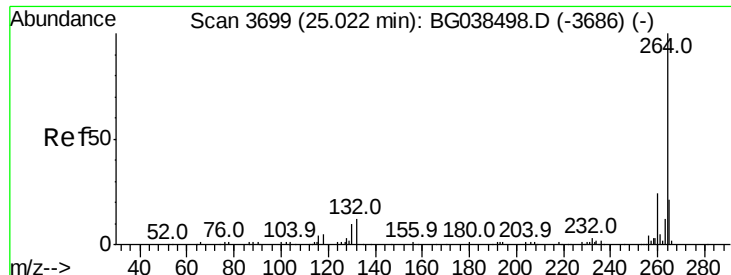
Delta R.T. -0.00 min

Lab File: BG038736.D

Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 446825 |       |       |
| 138     | 0.0   | 14.4   | 21.6# |       |
| 277     | 25.4  | 0.0    | 0.0#  |       |





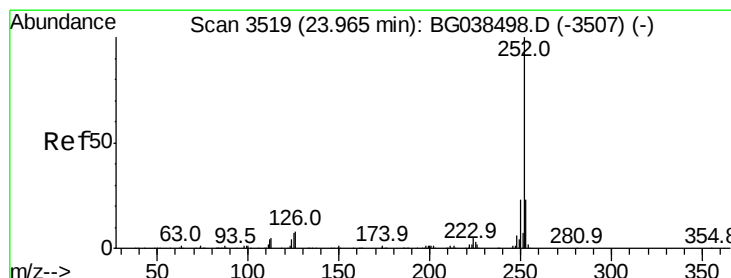
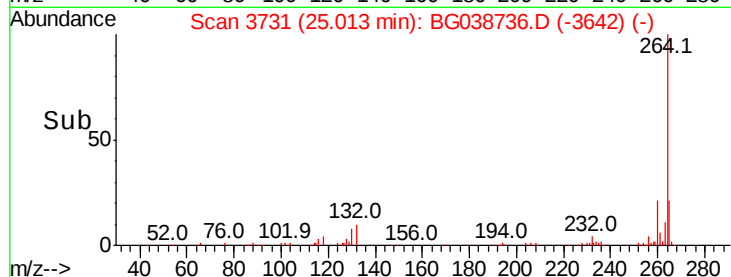
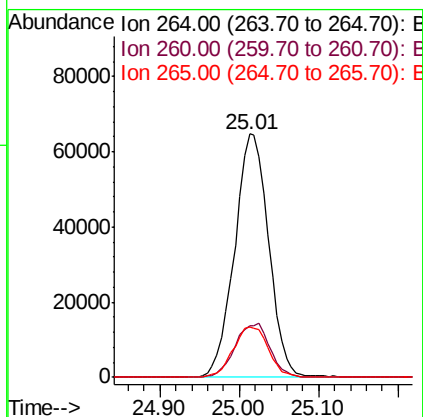
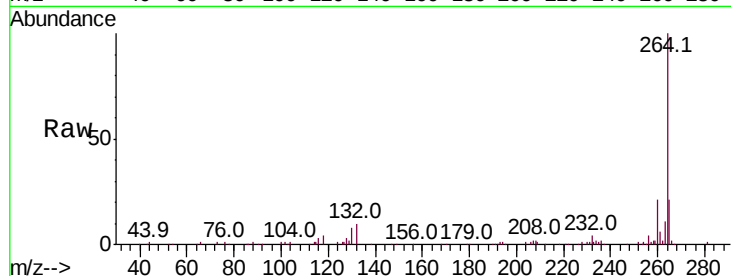
#87  
 Pervlene-d12  
 Concen: 20.000 ng  
 RT: 25.01 min Scan# 3731  
 Delta R.T. -0.01 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 21.1  | 18.9  | 28.3  |
| 265     | 20.9  | 17.0  | 25.4  |

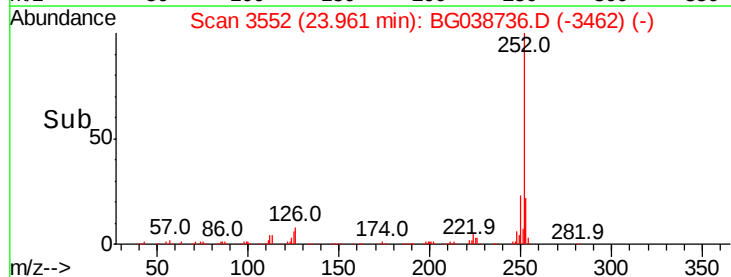
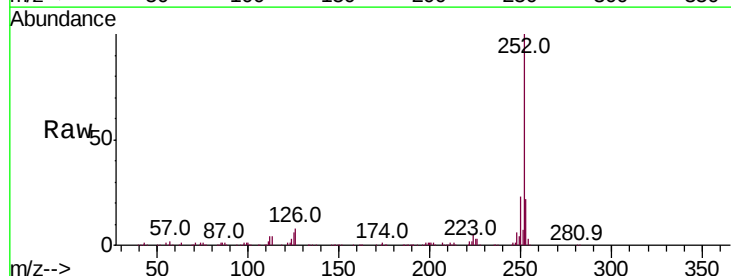
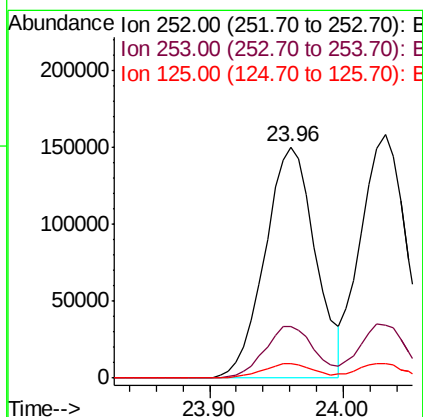
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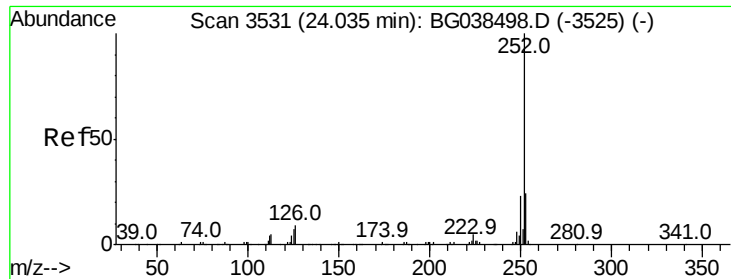
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#88  
 Benzo(b)fluoranthene  
 Concen: 37.163 ng  
 RT: 23.96 min Scan# 3552  
 Delta R.T. -0.00 min  
 Lab File: BG038736.D  
 Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 18.1  | 27.1  |
| 125     | 6.0   | 5.5   | 8.3   |





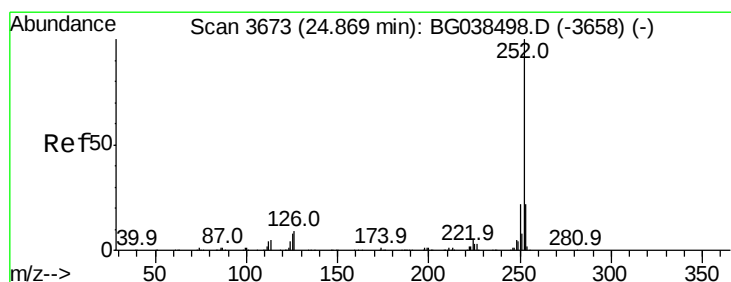
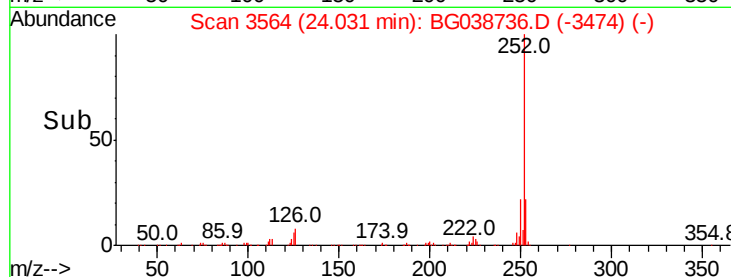
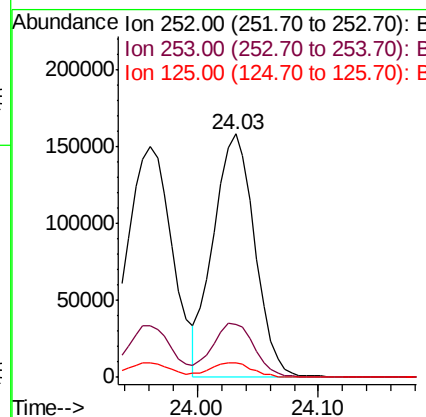
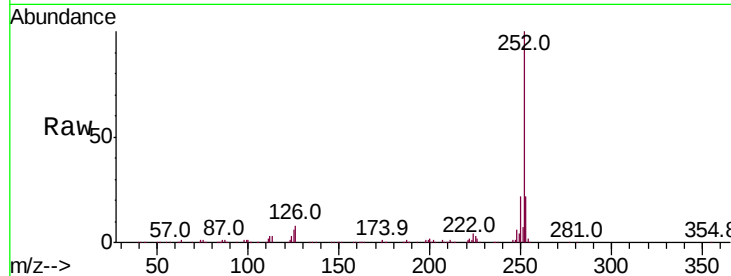
#89  
Benzo(k)fluoranthene  
Concen: 35.425 ng  
RT: 24.03 min Scan# 3564  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 18.9  | 28.3  |
| 125     | 5.9   | 5.4   | 8.2   |

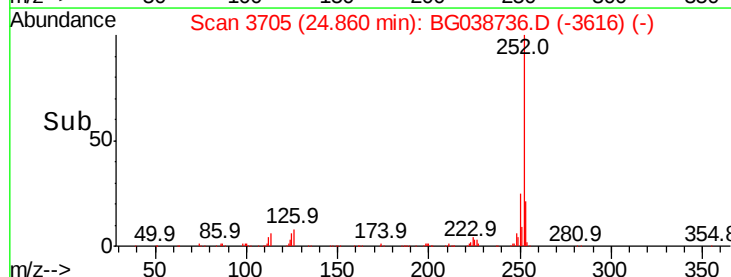
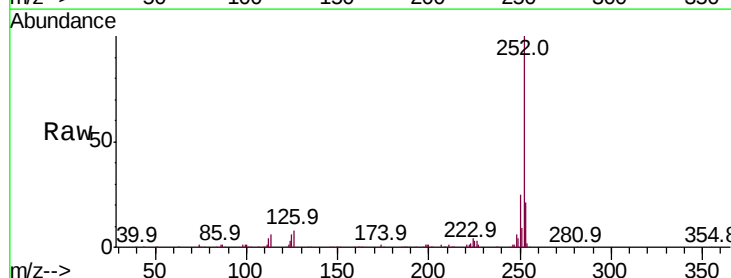
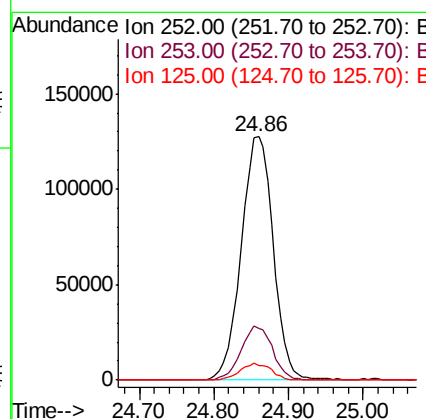
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#90  
Benzo(a)pyrene  
Concen: 37.184 ng  
RT: 24.86 min Scan# 3705  
Delta R.T. -0.01 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.4  | 17.4  | 26.0  |
| 125     | 6.1   | 6.4   | 9.6#  |





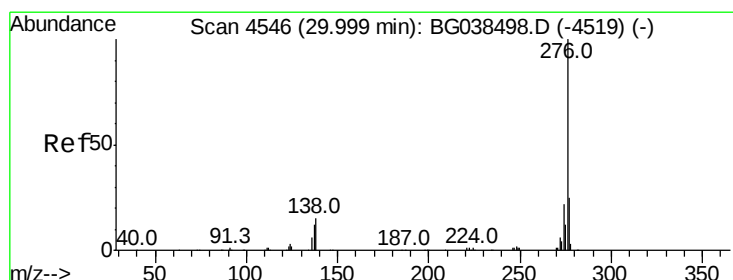
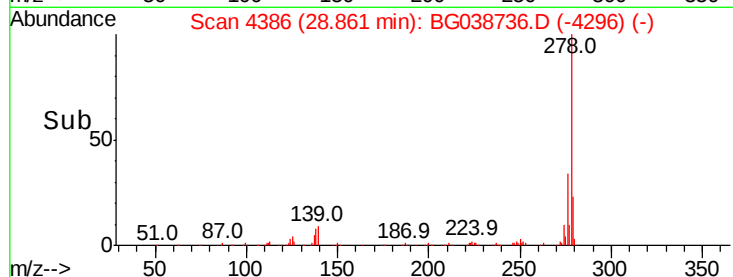
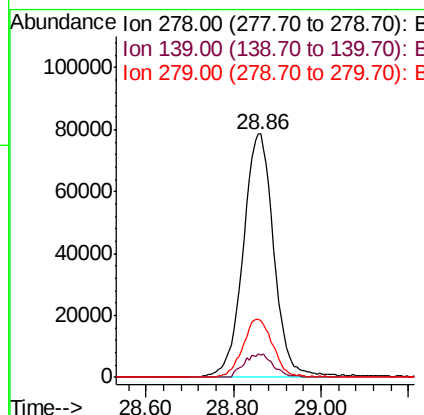
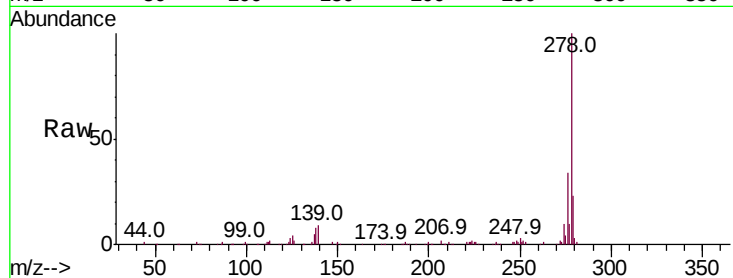
#91  
Dibenzo(a,h)anthracene  
Concen: 36.532 ng  
RT: 28.86 min Scan# 4386  
Delta R.T. -0.00 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

Instrument :  
BNA\_G  
ClientSampleId :  
EB03\_12-14MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 9.2   | 8.6   | 12.8  |
| 279     | 23.1  | 19.0  | 28.6  |

Manual Integrations  
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#92  
Benzo(g,h,i)perylene  
Concen: 36.895 ng  
RT: 29.98 min Scan# 4577  
Delta R.T. -0.02 min  
Lab File: BG038736.D  
Acq: 19 Dec 2018 21:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.3  | 19.8  | 29.8  |
| 138     | 13.3  | 11.8  | 17.6  |

