

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\  
 Data File : BG038475.D  
 Acq On : 11 Dec 2018 18:39  
 Operator : JU/SJ  
 Sample : J6195-06MS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-02-121018-AMS

Manual Integrations  
 APPROVED

Sohil  
 12/12/2018 5:38:40 PM

Quant Time: Dec 12 03:44:52 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 04 17:15:40 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.07  | 152  | 24742    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.89 | 136  | 105515   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.70 | 164  | 69815    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.45 | 188  | 179850   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.74 | 240  | 172229   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.04 | 264  | 199751   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.62  | 112 | 203679 | 145.68 | ng | 0.00 |
| 7) Phenol-d6             | 7.22  | 99  | 257400 | 127.38 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.25  | 82  | 198438 | 93.37  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.20 | 330 | 146363 | 170.77 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.33 | 172 | 460180 | 93.92  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.06 | 244 | 840590 | 104.56 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.51  | 88  | 22211   | 34.662 | ng | # 6    |
| 3) Pyridine                    | 3.92  | 79  | 66565   | 34.723 | ng | # 87   |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 41918   | 49.918 | ng | # 78   |
| 6) Aniline                     | 7.40  | 93  | 24872   | 9.637  | ng | 97     |
| 8) 2-Chlorophenol              | 7.63  | 128 | 78211   | 48.166 | ng | 96     |
| 9) Benzaldehyde                | 7.21  | 77  | 35222   | 27.526 | ng | 98     |
| 10) Phenol                     | 7.25  | 94  | 89458   | 41.899 | ng | 92     |
| 11) bis(2-Chloroethyl)ether    | 7.49  | 93  | 74060   | 42.354 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.96  | 146 | 81976   | 43.195 | ng | 100    |
| 13) 1,4-Dichlorobenzene        | 8.11  | 146 | 84133   | 42.847 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.42  | 146 | 80686   | 45.797 | ng | 96     |
| 15) Benzyl Alcohol             | 8.31  | 79  | 75156   | 45.238 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.59  | 45  | 169036  | 42.500 | ng | 95     |
| 17) 2-Methylphenol             | 8.51  | 107 | 69495   | 47.604 | ng | 95     |
| 18) Hexachloroethane           | 9.15  | 117 | 30990   | 43.728 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.87  | 70  | 62204   | 42.235 | ng | # 88   |
| 20) 3+4-Methylphenols          | 8.83  | 107 | 94881   | 44.111 | ng | 93     |
| 22) Acetophenone               | 8.90  | 105 | 122161  | 48.517 | ng | # 94   |
| 24) Nitrobenzene               | 9.29  | 77  | 97972   | 45.373 | ng | 97     |
| 25) Isophorone                 | 9.80  | 82  | 183692  | 49.183 | ng | # 98   |
| 26) 2-Nitrophenol              | 10.00 | 139 | 48064   | 48.041 | ng | # 88   |
| 27) 2,4-Dimethylphenol         | 10.04 | 122 | 83141   | 57.857 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.29 | 93  | 103813  | 48.486 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.53 | 162 | 87742   | 53.489 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.74 | 180 | 90573   | 47.036 | ng | 96     |
| 31) Naphthalene                | 10.94 | 128 | 252827  | 50.162 | ng | 100    |
| 32) Benzoic acid               | 10.19 | 122 | 36438m  | 36.935 | ng |        |
| 33) 4-Chloroaniline            | 11.07 | 127 | 4868m   | 2.182  | ng |        |
| 34) Hexachlorobutadiene        | 11.20 | 225 | 56986   | 47.304 | ng | 94     |
| 35) Caprolactam                | 11.84 | 113 | 23595m  | 34.783 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.17 | 107 | 97060   | 53.255 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.54 | 142 | 192214  | 53.551 | ng | 96     |
| 38) 1-Methylnaphthalene        | 12.76 | 142 | 182247m | 53.013 | ng |        |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.90 | 216 | 111252  | 46.310 | ng | 98     |

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Manual Integrations  
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 12/12/2018 5:38:40 PM

Quant Time: Dec 12 03:44:52 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 04 17:15:40 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.86 | 237  | 122566   | 92.841 | nq    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.14 | 196  | 79708    | 51.220 | nq    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.22 | 196  | 88090    | 53.433 | nq    | 97       |
| 46) 1,1'-Biphenyl              | 13.54 | 154  | 252989   | 42.870 | nq    | 97       |
| 47) 2-Chloronaphthalene        | 13.59 | 162  | 202152   | 45.395 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.80 | 65   | 72547    | 48.559 | nq    | 98       |
| 49) Acenaphthylene             | 14.43 | 152  | 339705   | 50.651 | nq    | 99       |
| 50) Dimethylphthalate          | 14.16 | 163  | 285633   | 51.008 | nq    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.29 | 165  | 63485    | 49.630 | nq #  | 90       |
| 52) Acenaphthene               | 14.77 | 154  | 197668   | 48.346 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.62 | 138  | 6367     | 4.622  | nq #  | 88       |
| 54) 2,4-Dinitrophenol          | 14.83 | 184  | 41898    | 59.752 | nq #  | 86       |
| 55) Dibenzofuran               | 15.10 | 168  | 326380   | 48.285 | nq    | 96       |
| 56) 4-Nitrophenol              | 14.92 | 139  | 82784    | 76.071 | nq #  | 80       |
| 57) 2,4-Dinitrotoluene         | 15.07 | 165  | 91071    | 51.620 | nq    | 94       |
| 58) Fluorene                   | 15.75 | 166  | 267309   | 53.677 | nq    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.33 | 232  | 83243    | 58.137 | nq    | 94       |
| 60) Diethylphthalate           | 15.51 | 149  | 296863   | 47.851 | nq    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.74 | 204  | 148548   | 49.662 | nq    | 100      |
| 62) 4-Nitroaniline             | 15.79 | 138  | 62071    | 45.809 | nq #  | 82       |
| 63) Azobenzene                 | 16.03 | 77   | 258127   | 47.542 | nq    | 93       |
| 65) 4,6-Dinitro-2-methylphenol | 15.83 | 198  | 43624    | 37.020 | nq    | 89       |
| 66) n-Nitrosodiphenylamine     | 15.96 | 169  | 248941   | 49.223 | nq    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.64 | 248  | 99884    | 51.428 | nq    | 100      |
| 68) Hexachlorobenzene          | 16.75 | 284  | 102307   | 51.069 | nq    | 98       |
| 69) Atrazine                   | 16.90 | 200  | 101141   | 53.595 | nq    | 97       |
| 70) Pentachlorophenol          | 17.09 | 266  | 93876    | 68.416 | nq    | 98       |
| 71) Phenanthrene               | 17.50 | 178  | 465206   | 51.651 | nq    | 99       |
| 72) Anthracene                 | 17.59 | 178  | 476356   | 54.614 | nq    | 99       |
| 73) Carbazole                  | 17.86 | 167  | 422157   | 48.766 | nq    | 97       |
| 74) Di-n-butylphthalate        | 18.39 | 149  | 507681   | 50.199 | nq    | 98       |
| 75) Fluoranthene               | 19.50 | 202  | 571139   | 54.275 | nq    | 97       |
| 77) Benzidine                  | 19.69 | 184  | 107289   | 18.461 | nq    | 97       |
| 78) Pyrene                     | 19.87 | 202  | 569370   | 47.249 | nq    | 97       |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 227365   | 46.911 | nq    | 97       |
| 81) Benzo(a)anthracene         | 21.72 | 228  | 546981   | 51.673 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.63 | 252  | 75880    | 18.427 | nq #  | 97       |
| 83) Chrysene                   | 21.78 | 228  | 508952   | 50.809 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 320338   | 46.630 | nq    | 98       |
| 85) Di-n-octyl phthalate       | 22.82 | 149  | 540086   | 45.850 | nq    | 98       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.83 | 276  | 610449   | 53.623 | nq #  | 97       |
| 88) Benzo(b)fluoranthene       | 23.99 | 252  | 547604   | 48.518 | nq #  | 98       |
| 89) Benzo(k)fluoranthene       | 24.06 | 252  | 530372m  | 47.182 | nq    |          |
| 90) Benzo(a)pyrene             | 24.89 | 252  | 634615   | 57.967 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.90 | 278  | 492479   | 47.429 | nq #  | 96       |
| 92) Benzo(g,h,i)perylene       | 30.04 | 276  | 499687   | 48.505 | nq #  | 93       |

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

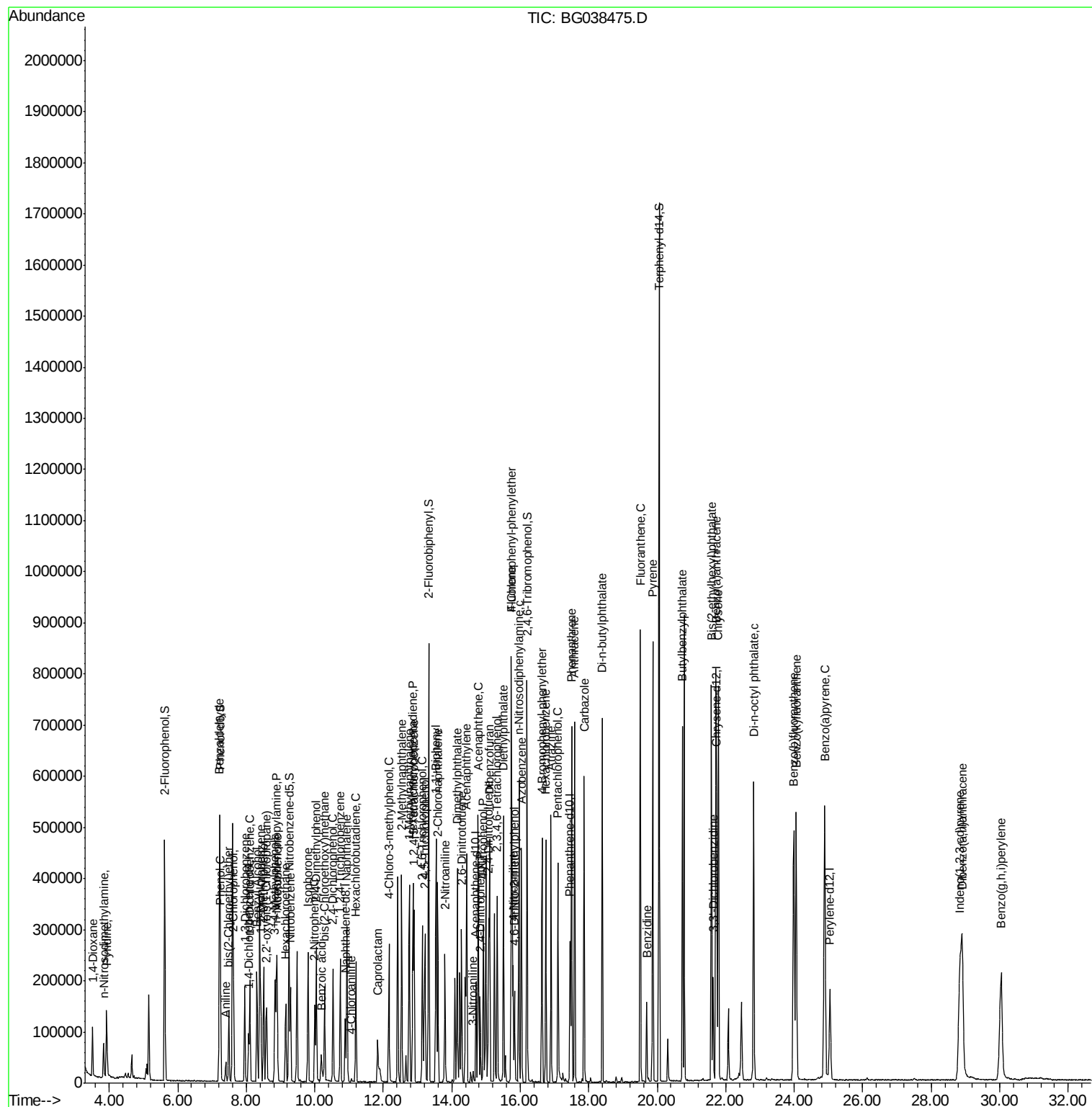
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121118\  
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Sample : J6195-06MS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

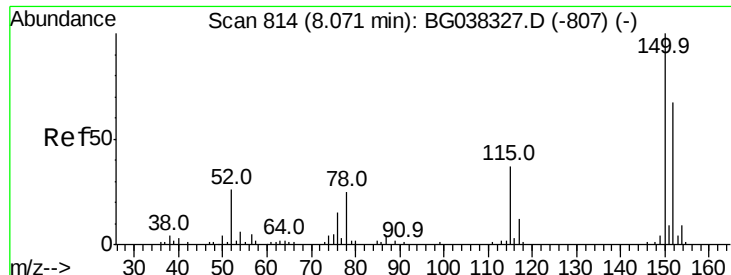
Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

Manual Integrations  
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Quant Time: Dec 12 03:44:52 2018  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Dec 04 17:15:40 2018  
Response via : Initial Calibration





#1

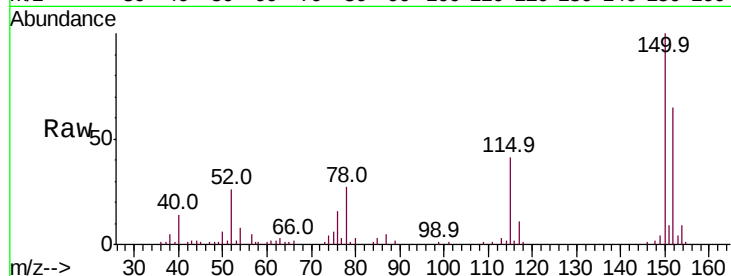
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.07 min Scan# 814  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 154.8 | 126.0 | 189.0 |
| 115     | 63.4  | 45.5  | 68.3  |

Manual Integrations  
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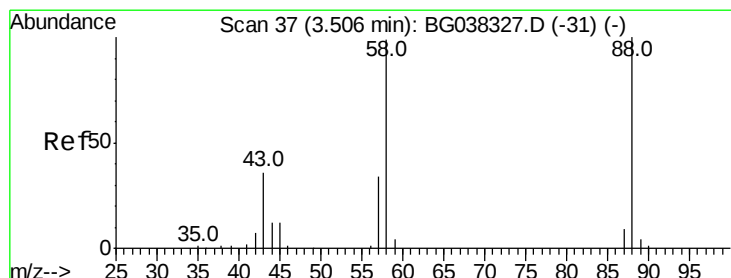
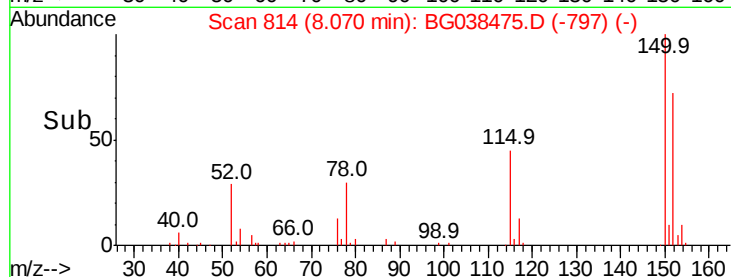
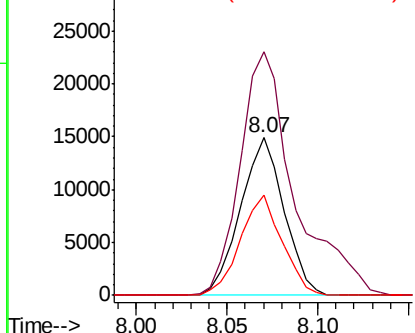


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

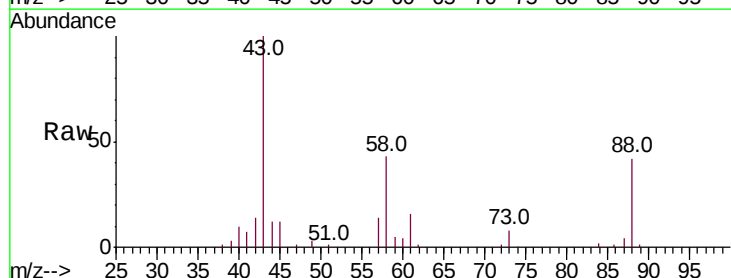
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 34.662 ng  
RT: 3.51 min Scan# 38  
Delta R.T. 0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 96.0  | 74.4  | 111.6 |
| 43      | 232.4 | 25.8  | 38.8# |

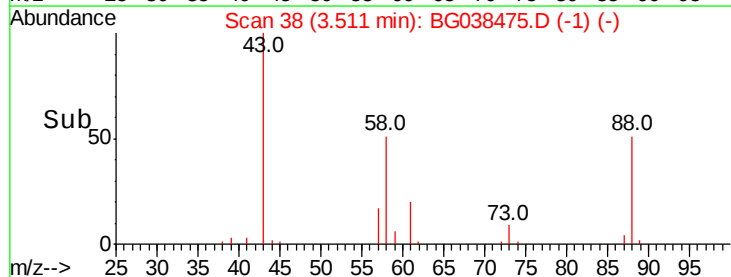
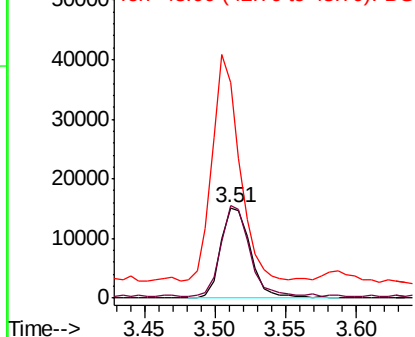


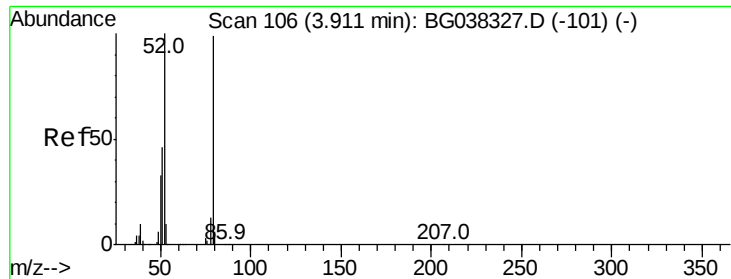
Abundance

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: 34.723 ng

RT: 3.92 min Scan# 108

Delta R.T. 0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

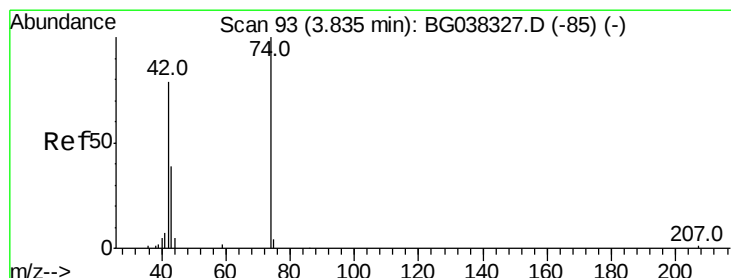
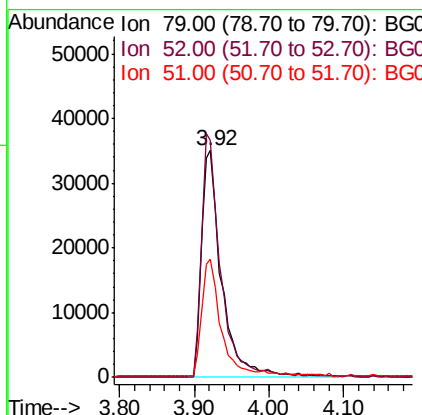
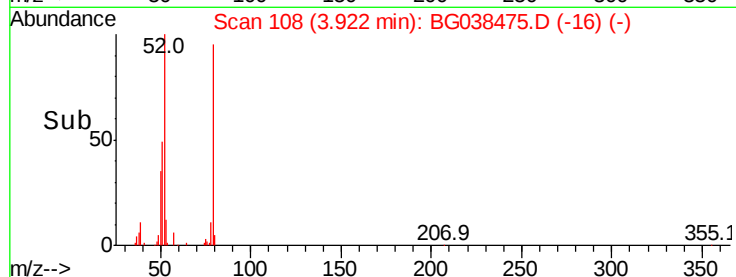
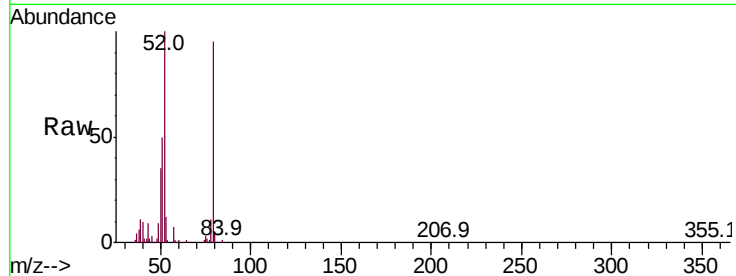
ClientSampleId :

OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 104.8 | 74.2  | 111.2 |
| 51      | 52.0  | 34.6  | 51.8# |

Manual Integrations  
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#4

n-Nitrosodimethylamine

Concen: 49.918 ng

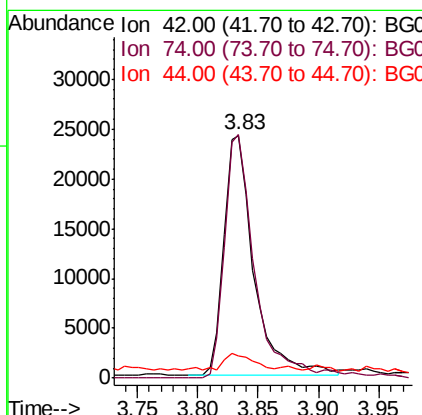
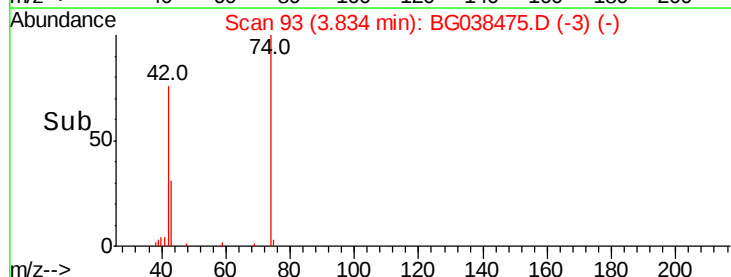
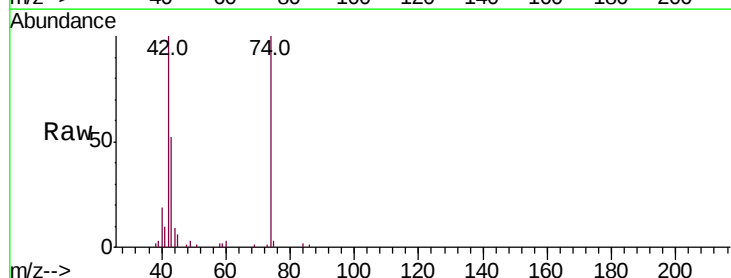
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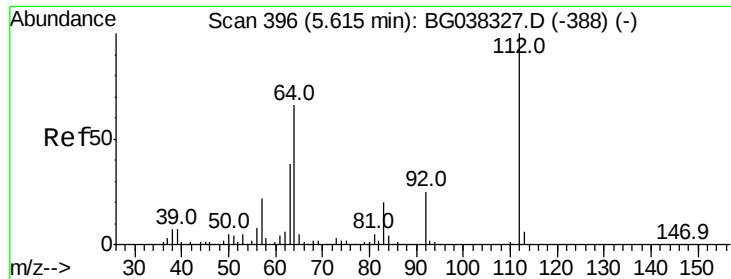
Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 42      | 100   |       |        |
| 74      | 100.4 | 102.0 | 153.0# |
| 44      | 9.0   | 9.6   | 14.4#  |





#5

2-Fluorophenol

Concen: 145.679 ng

RT: 5.62 min Scan# 397

Delta R.T. 0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

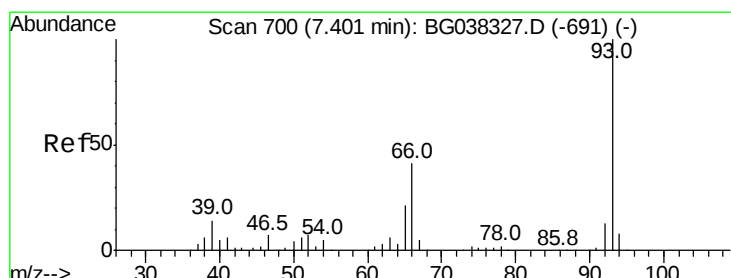
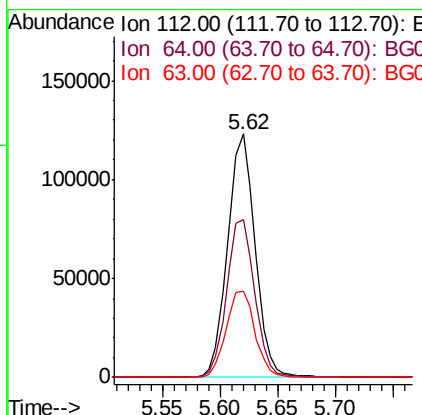
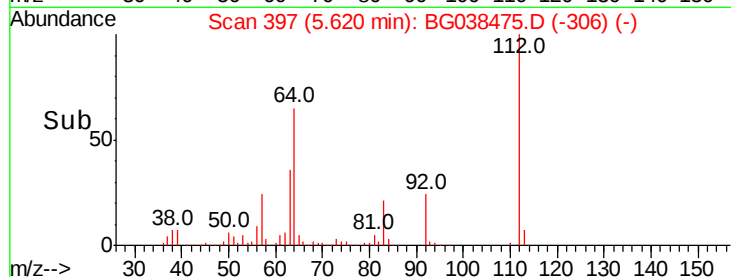
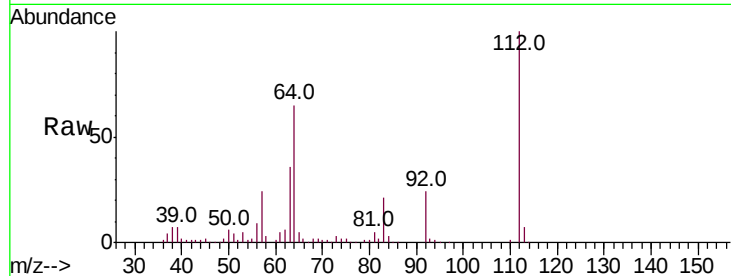
ClientSampleId :

OR-02-121018-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 112   | Resp: | 203679 |
| Ion Ratio | Lower | Upper |        |
| 112       | 100   |       |        |
| 64        | 64.8  | 53.1  | 79.7   |
| 63        | 35.6  | 27.3  | 40.9   |

Manual Integrations  
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#6

Aniline

Concen: 9.637 ng

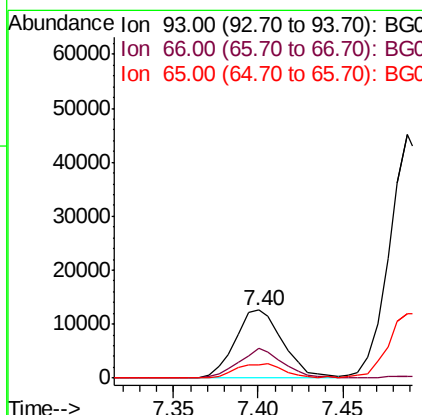
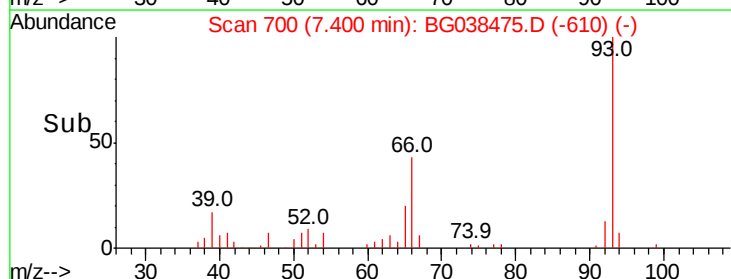
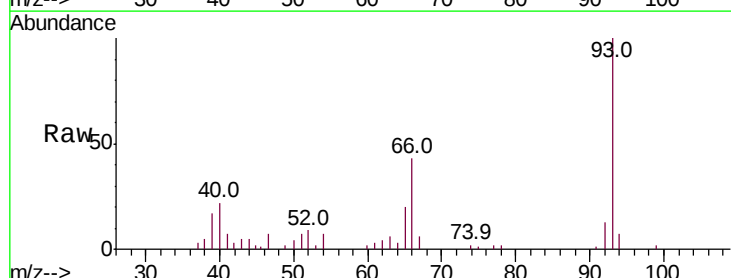
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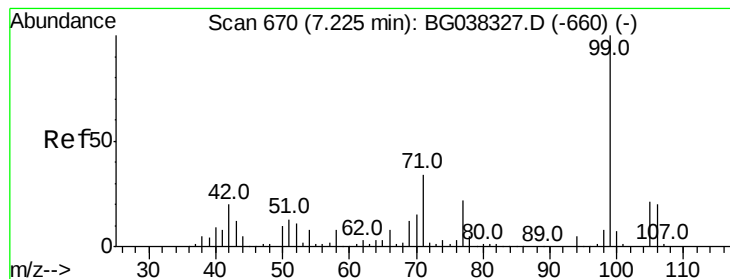
Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 93    | Resp: | 24872 |
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 66        | 43.4  | 32.8  | 49.2  |
| 65        | 20.3  | 16.4  | 24.6  |





#7

Phenol-d6

Concen: 127.377 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

ClientSampleId :

OR-02-121018-AMS

Tot Ion: 99 Resp: 257400

Ion Ratio Lower Upper

99 100

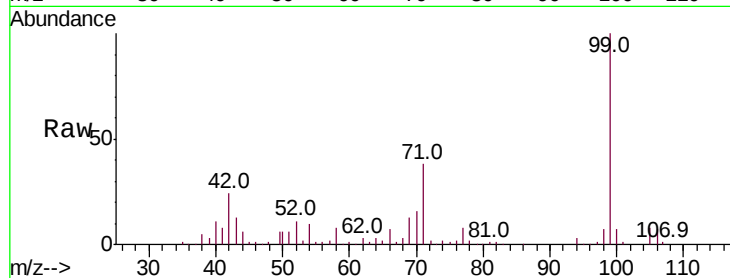
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71 38.1 25.5 38.3

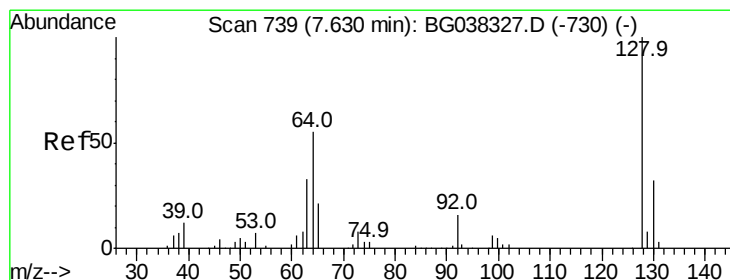
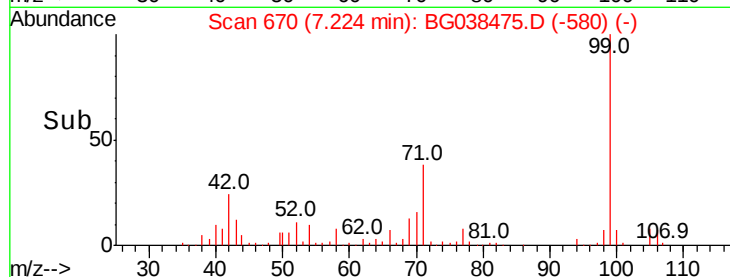
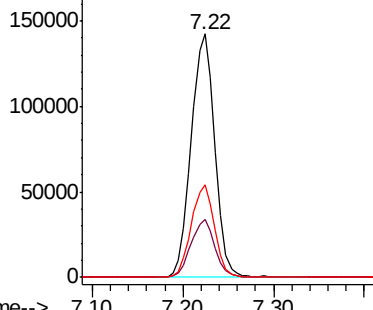
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Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.166 ng

RT: 7.63 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

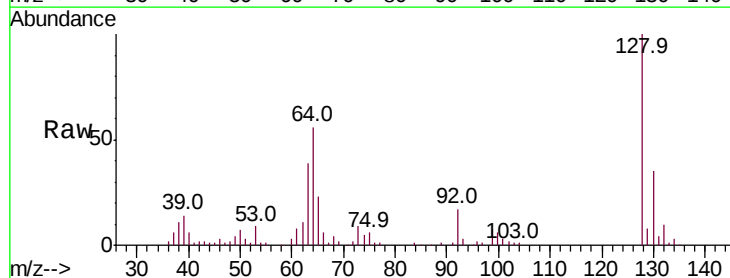
Tgt Ion: 128 Resp: 78211

Ion Ratio Lower Upper

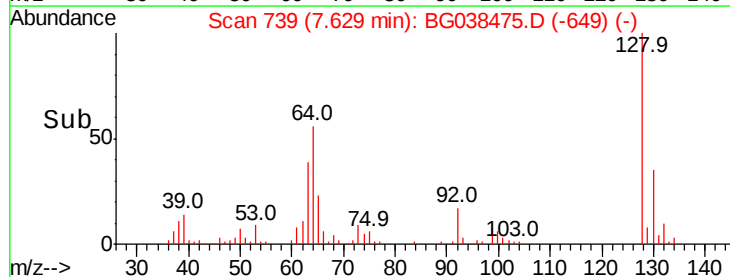
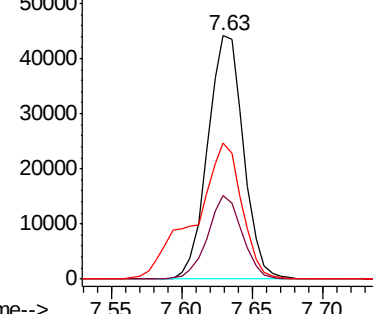
128 100

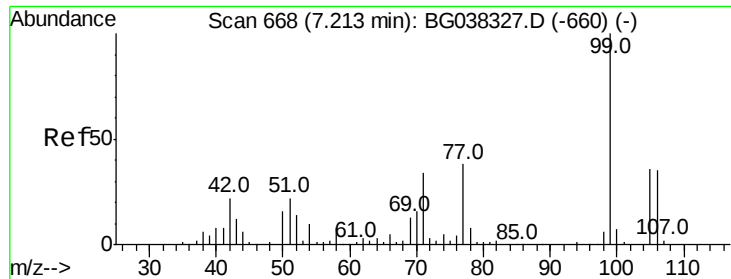
130 34.6 12.0 52.0

64 55.8 32.9 72.9



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 27.526 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

ClientSampleId :

OR-02-121018-AMS

Tot Ion: 77 Resp: 35222

Ion Ratio Lower Upper

77 100

105 93.0 72.6 112.6

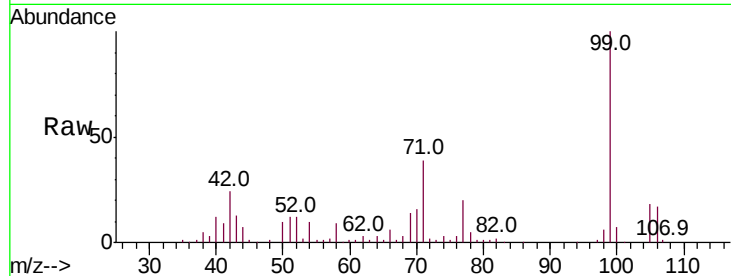
106 87.3 71.3 111.3

Manual Integrations

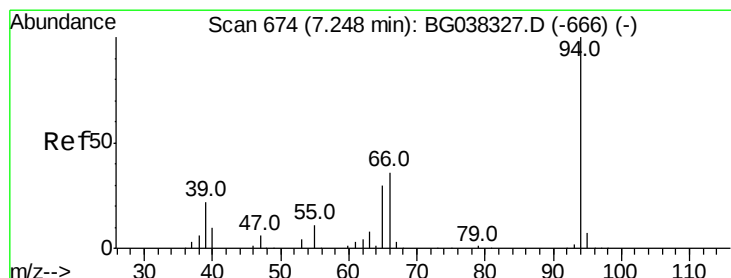
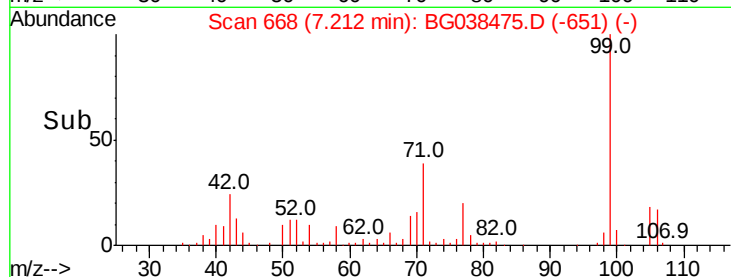
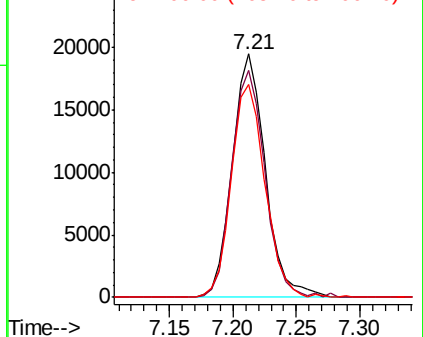
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Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 41.899 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

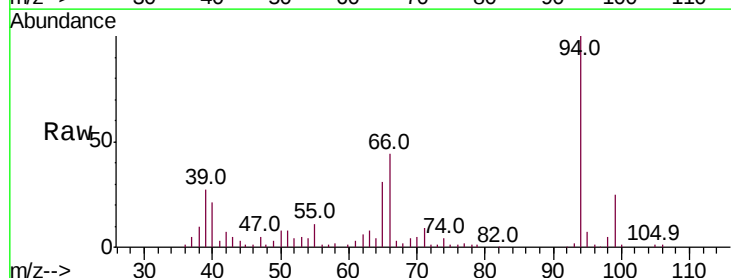
Tgt Ion: 94 Resp: 89458

Ion Ratio Lower Upper

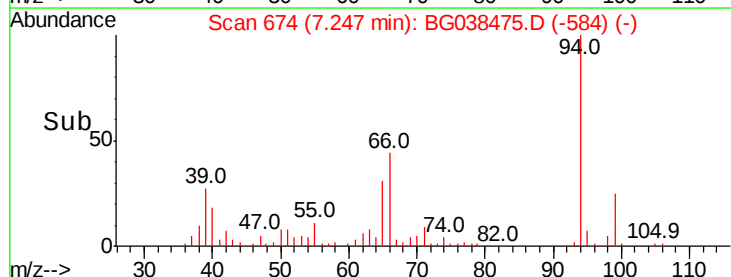
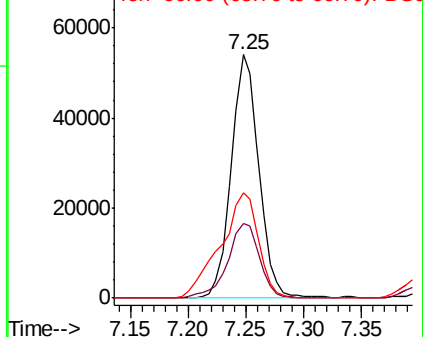
94 100

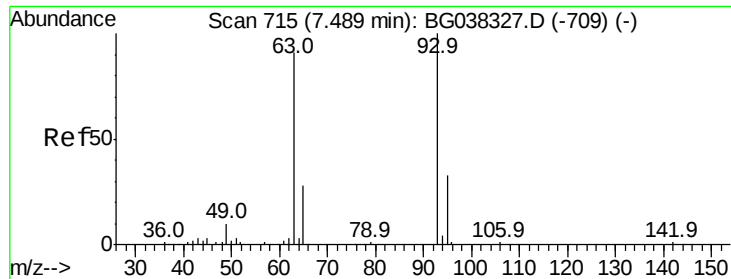
65 30.6 9.7 49.7

66 43.5 15.9 55.9



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





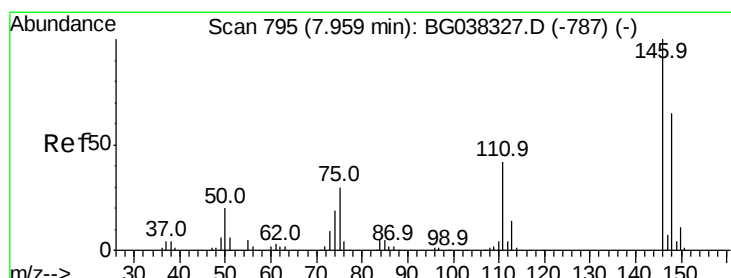
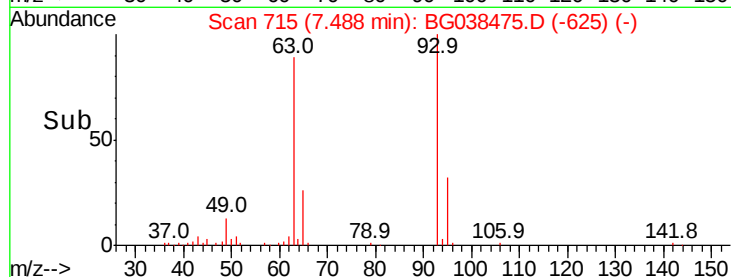
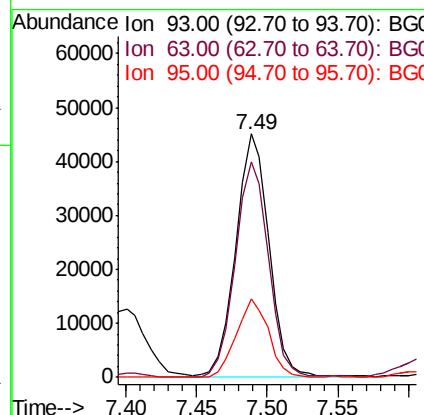
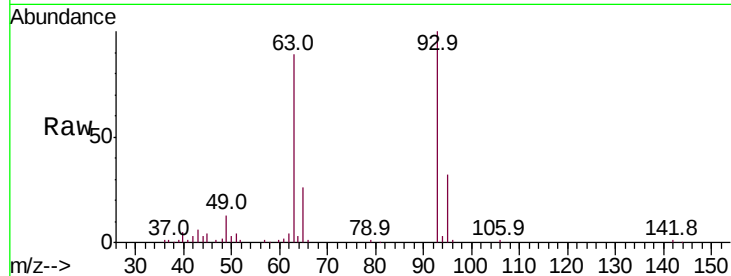
#11  
bis(2-Chloroethyl)ether  
Concen: 42.354 ng  
RT: 7.49 min Scan# 715  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 88.7  | 69.5  | 109.5 |
| 95      | 32.3  | 12.6  | 52.6  |

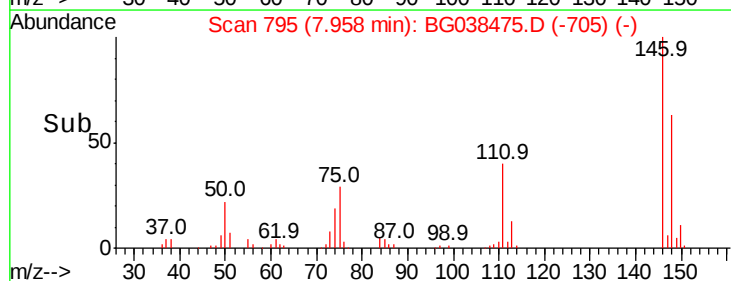
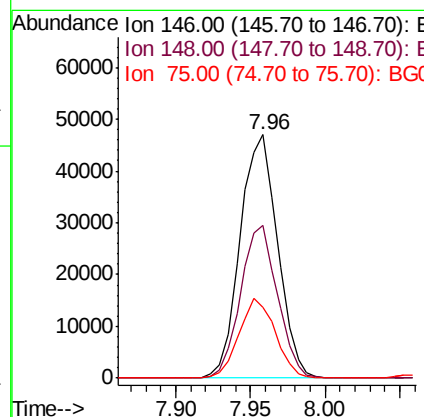
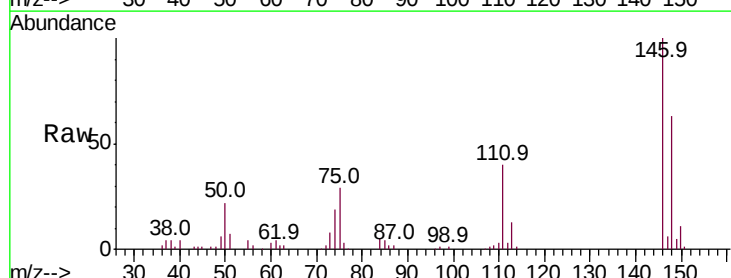
Manual Integrations  
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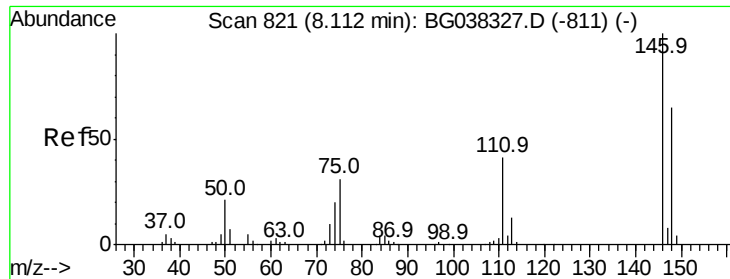
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#12  
1,3-Dichlorobenzene  
Concen: 43.195 ng  
RT: 7.96 min Scan# 795  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.5  | 49.8  | 74.8  |
| 75      | 29.3  | 23.2  | 34.8  |





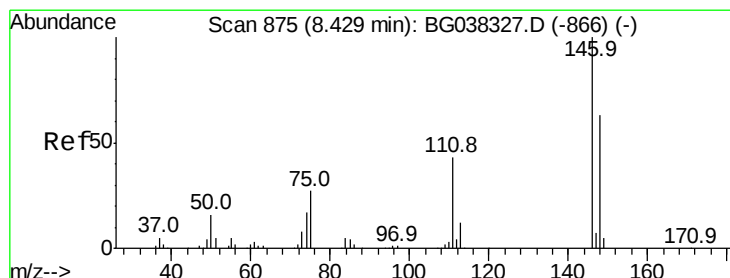
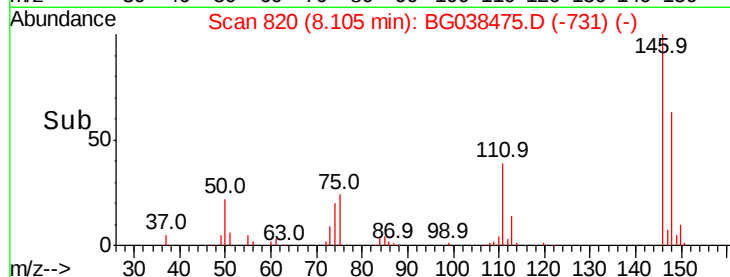
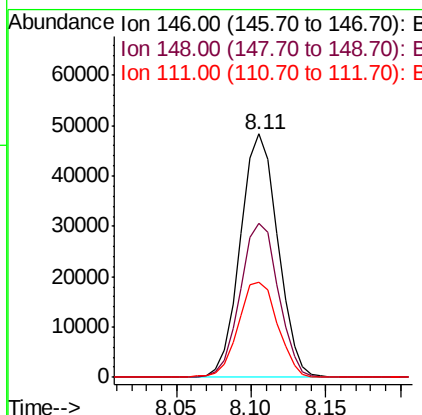
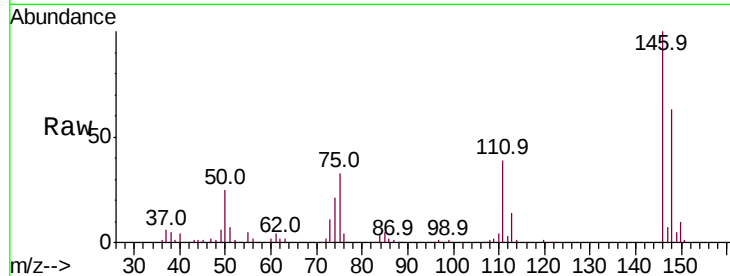
#13  
1,4-Dichlorobenzene  
Concen: 42.847 ng  
RT: 8.11 min Scan# 820  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.5  | 51.0  | 76.6  |
| 111     | 39.0  | 32.4  | 48.6  |

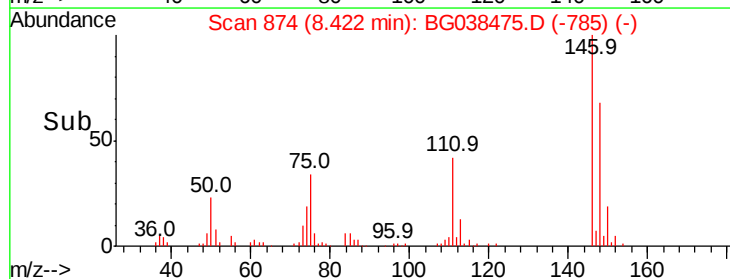
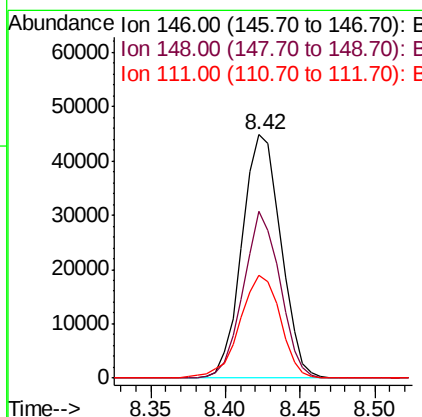
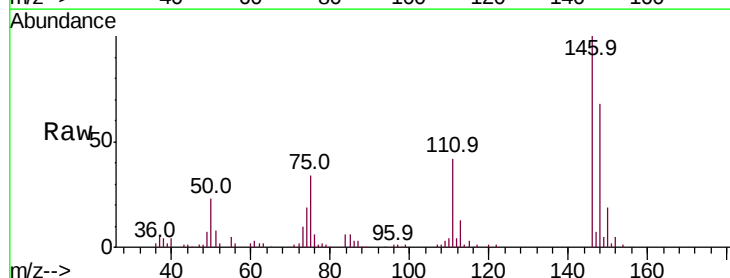
Manual Integrations  
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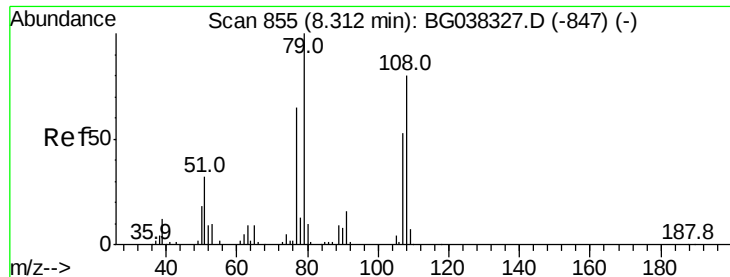
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#14  
1,2-Dichlorobenzene  
Concen: 45.797 ng  
RT: 8.42 min Scan# 874  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 68.3  | 50.4  | 75.6  |
| 111     | 42.5  | 34.6  | 51.8  |





#15

Benzyl Alcohol

Concen: 45.238 ng

RT: 8.31 min Scan# 855

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

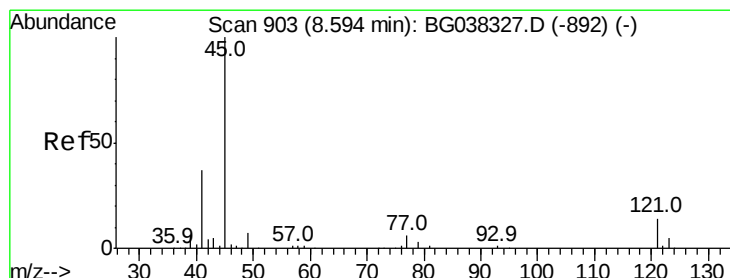
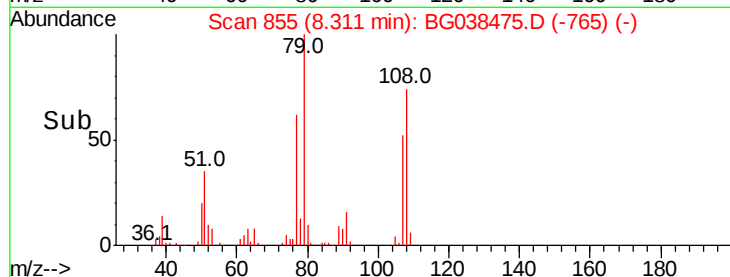
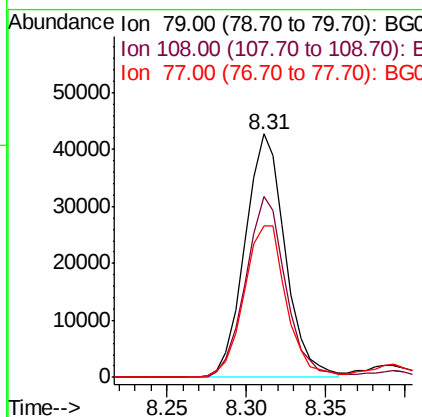
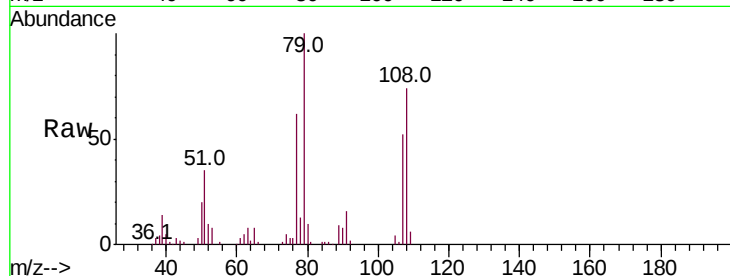
ClientSampleId :

OR-02-121018-AMS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 75156 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 74.1  | 65.8  | 98.8  |
| 77        | 62.4  | 52.9  | 79.3  |

Manual Integrations  
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#16

2,2'-oxybis(1-chloropropane)

Concen: 42.500 ng

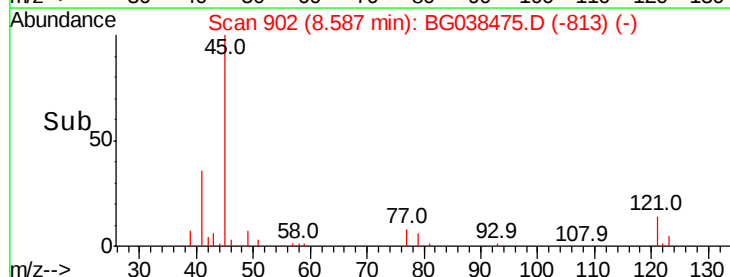
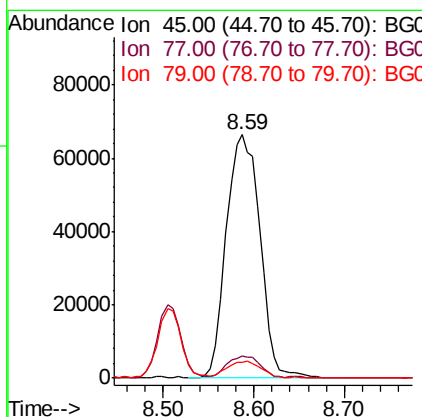
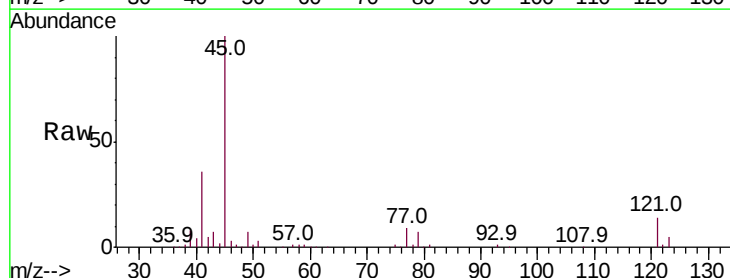
RT: 8.59 min Scan# 902

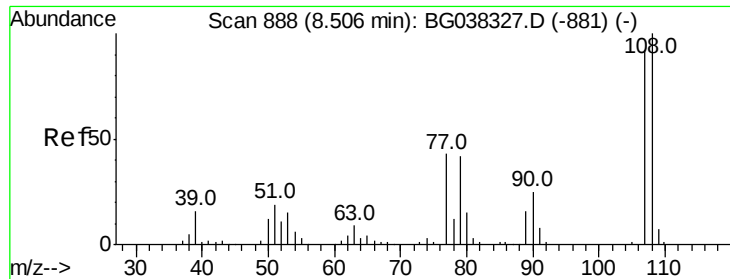
Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 169036 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 77        | 9.0   | 0.0   | 30.0   |
| 79        | 6.6   | 0.0   | 29.0   |





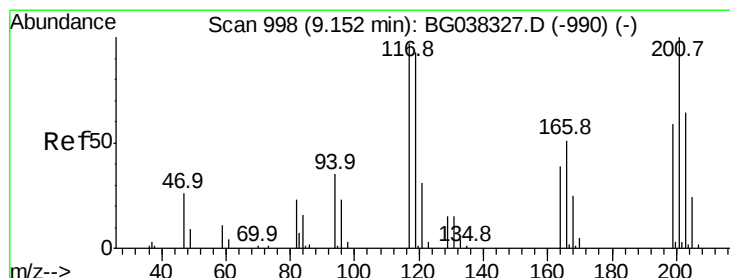
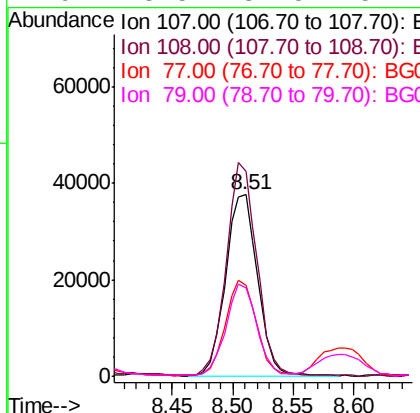
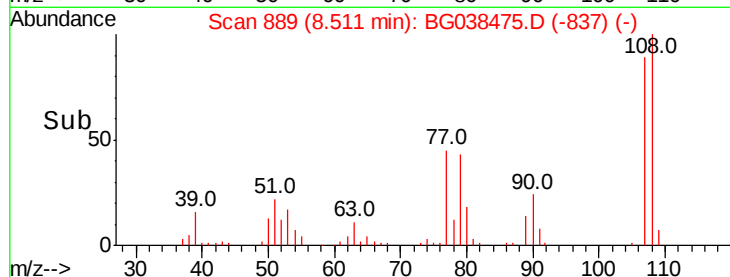
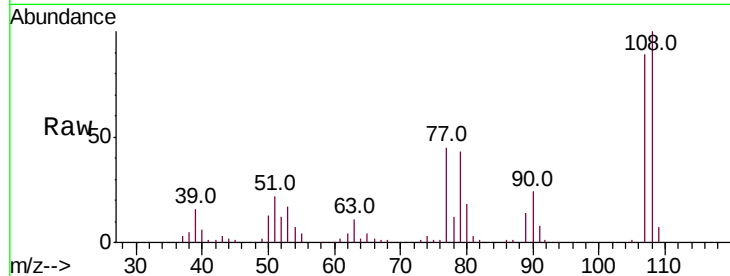
#17  
2-Methylphenol  
Concen: 47.604 ng  
RT: 8.51 min Scan# 889  
Delta R.T. 0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 107   | Resp: | 69495 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 112.5 | 87.9  | 131.9 |
| 77       | 50.4  | 35.1  | 52.7  |
| 79       | 48.5  | 34.5  | 51.7  |

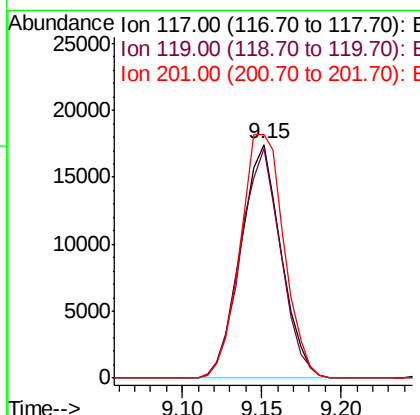
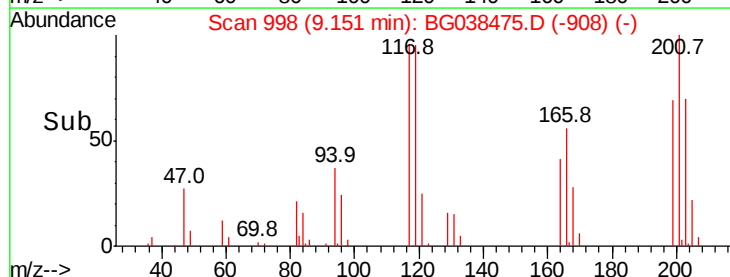
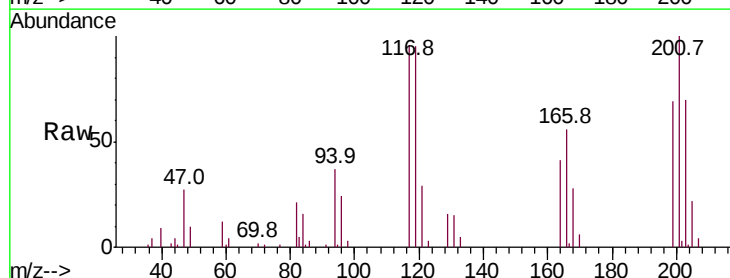
Manual Integrations  
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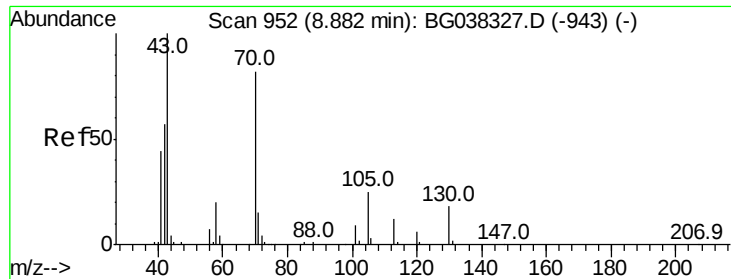
Sohil  
12/12/2018 5:38:40 PM



#18  
Hexachloroethane  
Concen: 43.728 ng  
RT: 9.15 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 30990 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 98.3  | 74.6  | 111.8 |
| 201      | 104.0 | 80.8  | 121.2 |





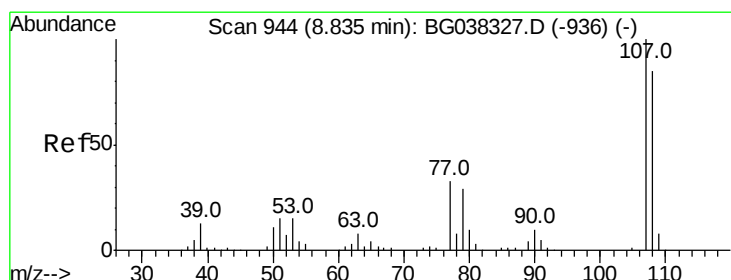
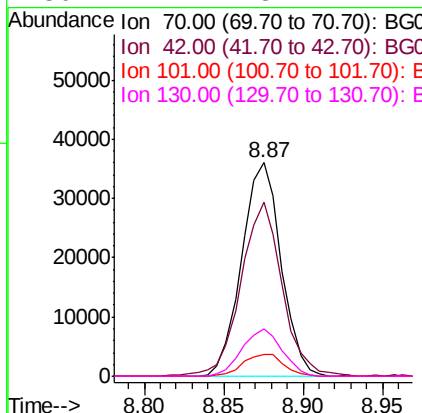
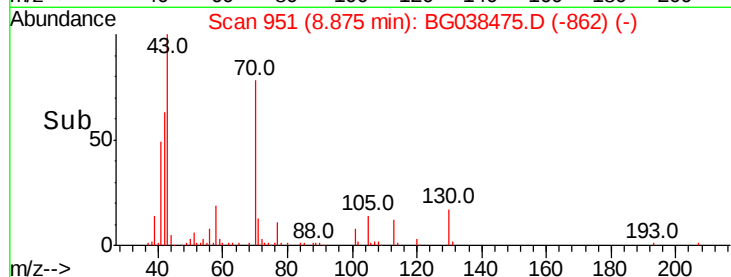
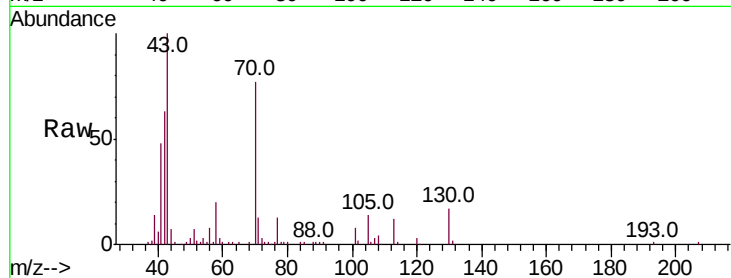
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.235 ng  
RT: 8.87 min Scan# 951  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 70      | 100  |       |       |       |
| 42      | 81.5 | 53.9  | 80.9# |       |
| 101     | 10.1 | 8.2   | 12.2  |       |
| 130     | 22.2 | 18.2  | 27.4  |       |

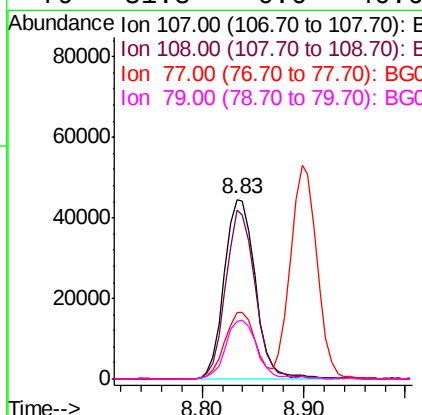
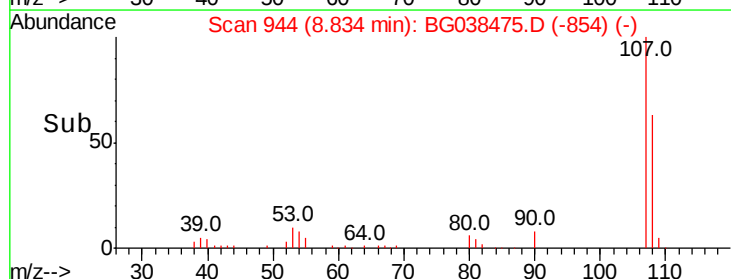
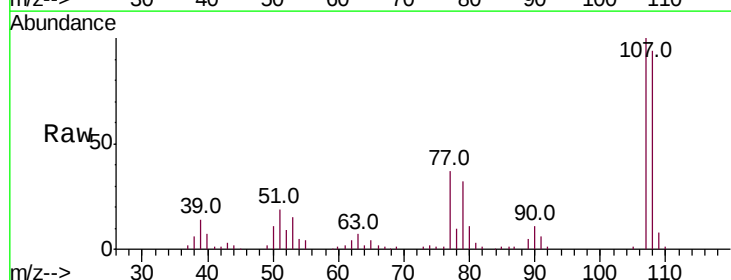
Manual Integrations  
APPROVED

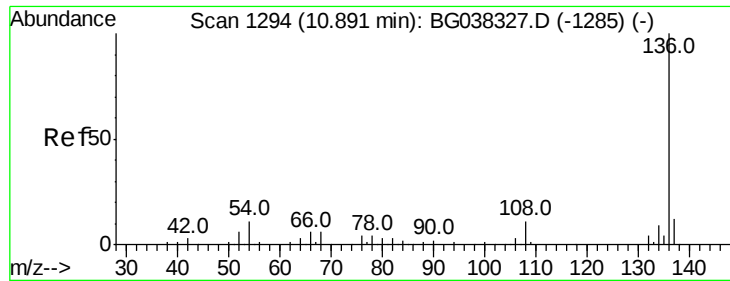
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#20  
3+4-Methylphenols  
Concen: 44.111 ng  
RT: 8.83 min Scan# 944  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 107     | 100  |       |       |       |
| 108     | 94.4 | 69.9  | 109.9 |       |
| 77      | 37.2 | 11.2  | 51.2  |       |
| 79      | 31.8 | 6.6   | 46.6  |       |





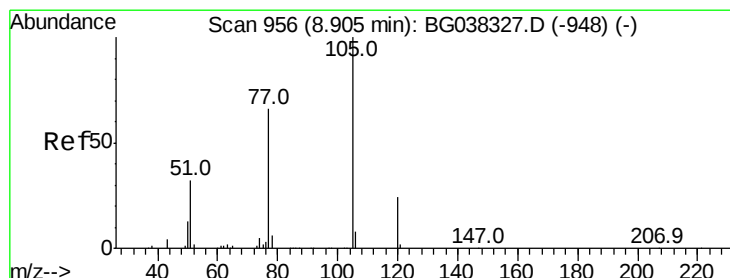
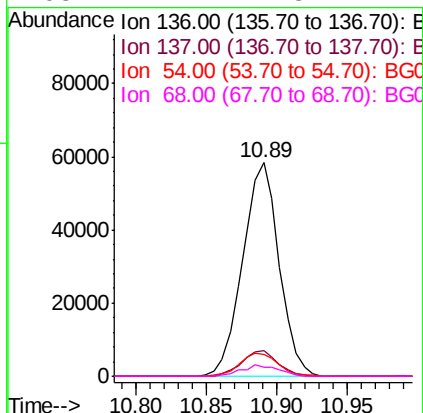
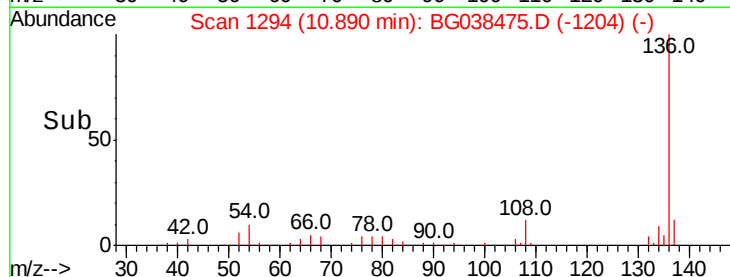
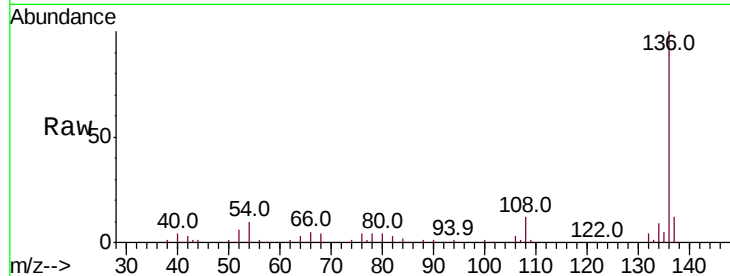
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.89 min Scan# 1294  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 136     | 100   | 105515 |       |       |
| 137     | 12.2  | 9.6    | 14.4  |       |
| 54      | 10.2  | 7.9    | 11.9  |       |
| 68      | 4.2   | 4.8    | 7.2   |       |

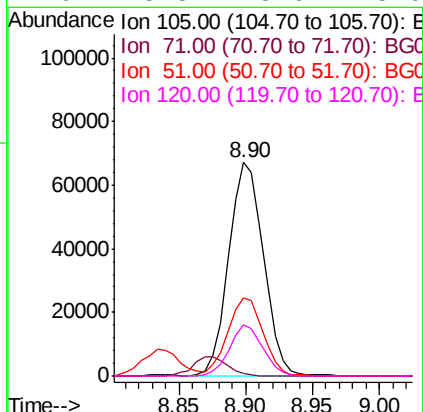
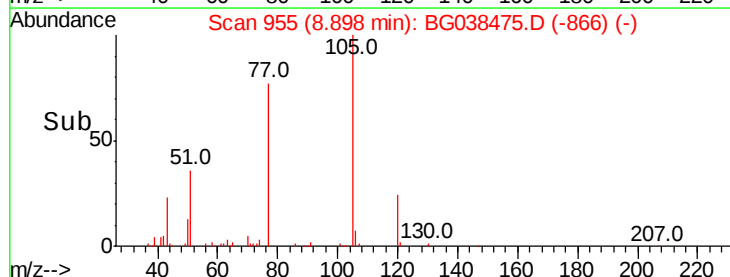
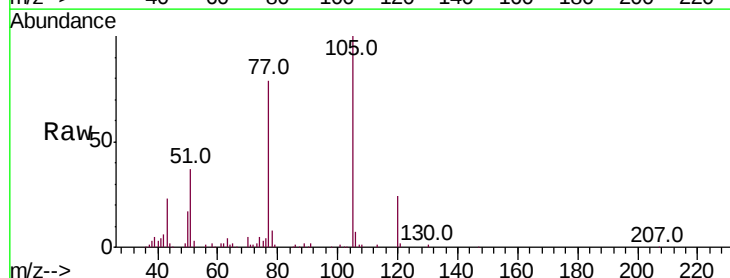
Manual Integrations  
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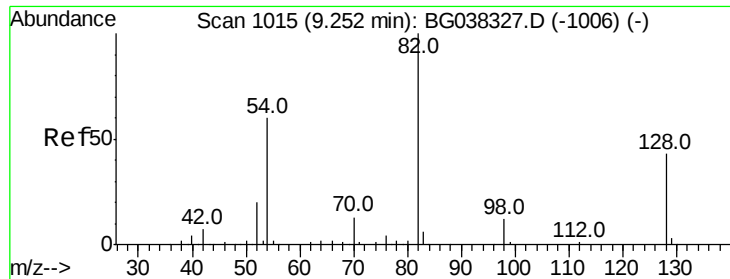
Sohil  
12/12/2018 5:38:40 PM



#22  
Acetophenone  
Concen: 48.517 ng  
RT: 8.90 min Scan# 955  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 122161 |       |       |
| 71      | 0.9   | 1.2    | 1.8   |       |
| 51      | 36.8  | 25.0   | 37.6  |       |
| 120     | 23.8  | 18.6   | 28.0  |       |





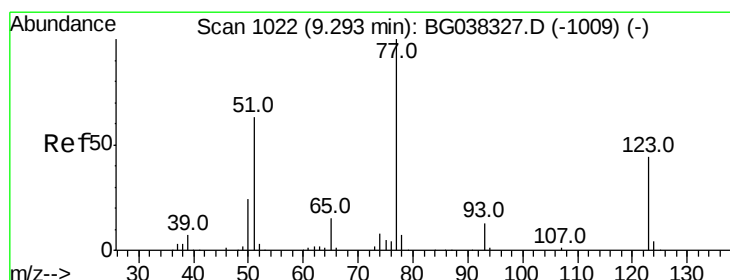
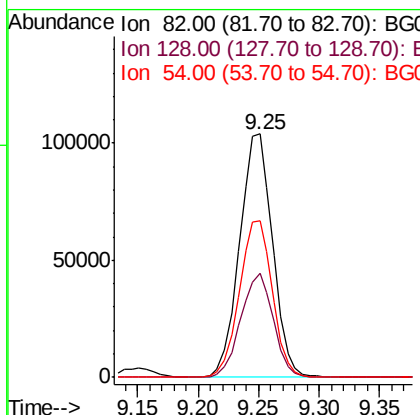
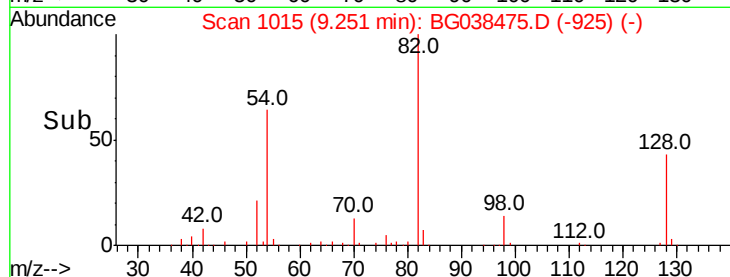
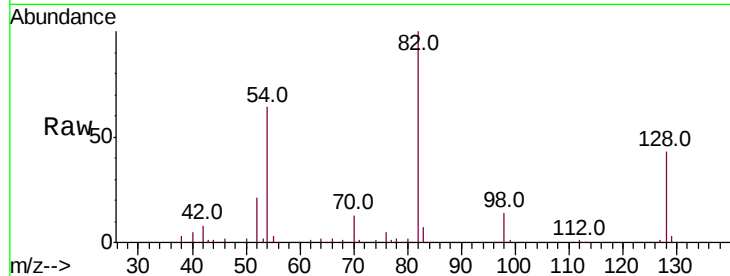
#23  
Nitrobenzene-d5  
Concen: 93.371 ng  
RT: 9.25 min Scan# 1015  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 82      | 100   | 198438 |       |       |
| 128     | 42.8  | 34.6   | 51.8  |       |
| 54      | 64.4  | 45.3   | 67.9  |       |

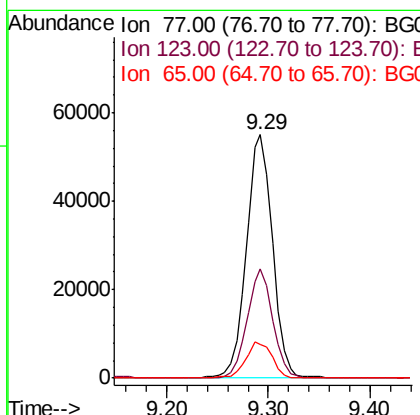
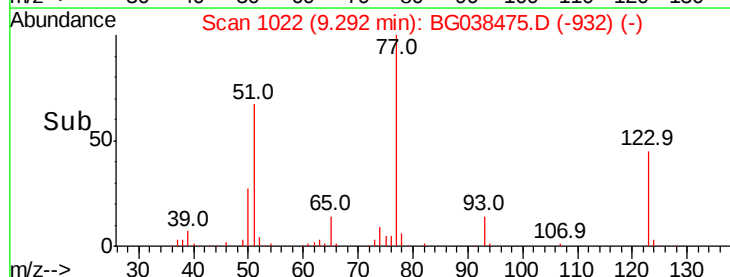
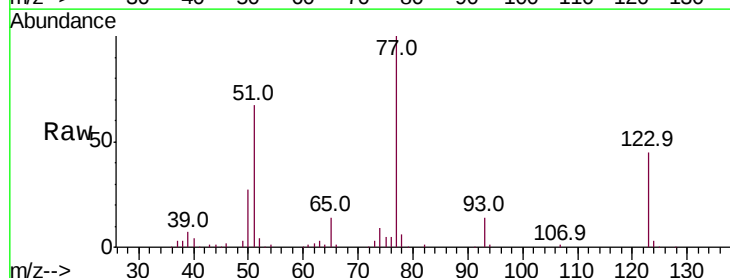
Manual Integrations  
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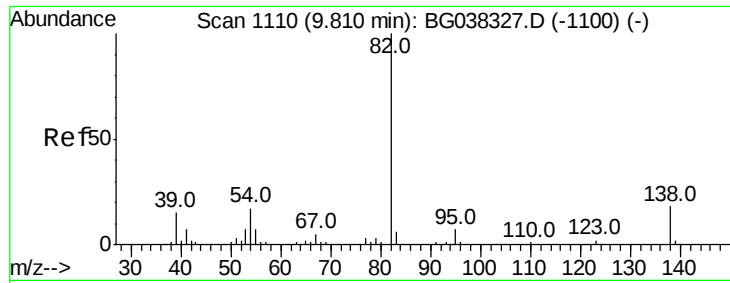
Sohil  
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#24  
Nitrobenzene  
Concen: 45.373 ng  
RT: 9.29 min Scan# 1022  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 77      | 100   | 97972 |       |       |
| 123     | 44.6  | 33.6  | 50.4  |       |
| 65      | 13.9  | 11.3  | 16.9  |       |





#25

Isophorone

Concen: 49.183 ng

RT: 9.80 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

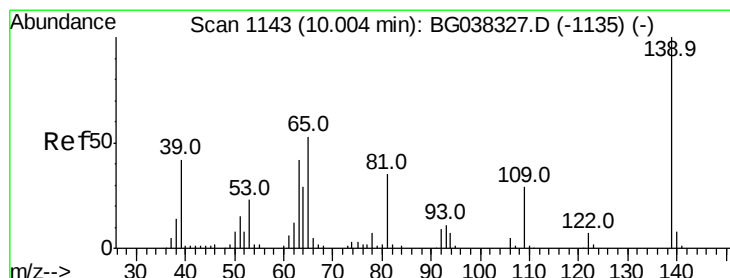
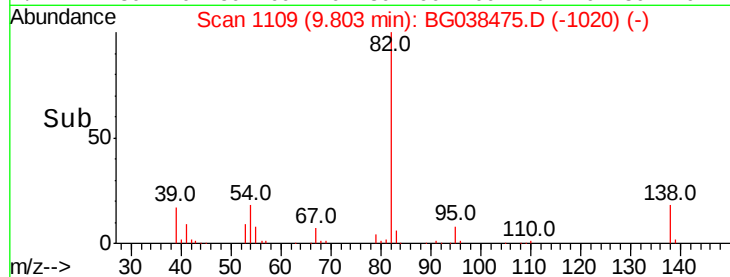
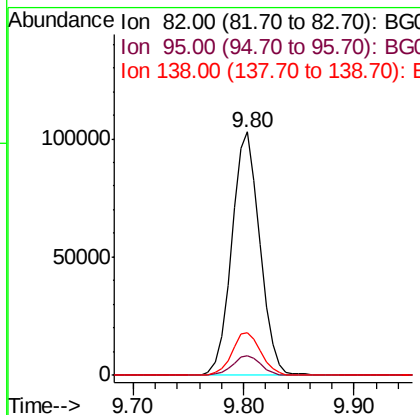
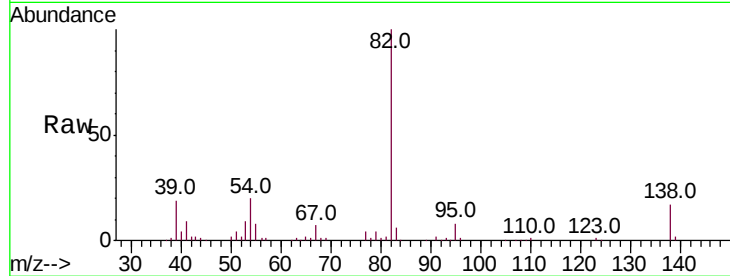
ClientSampleId :

OR-02-121018-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 82      | 100   |      |       |       |
| 95      | 8.0   | 5.3  | 7.9#  |       |
| 138     | 17.3  | 13.3 | 19.9  |       |

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#26

2-Nitrophenol

Concen: 48.041 ng

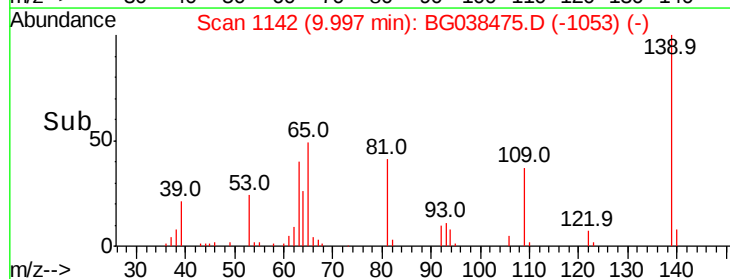
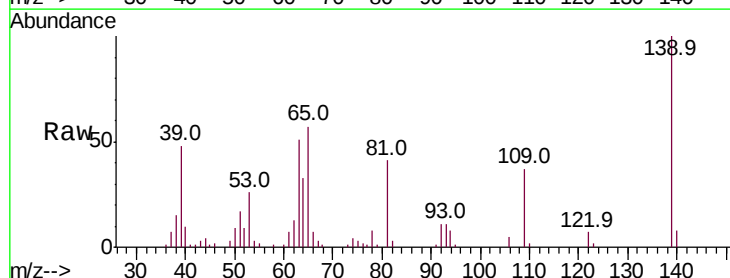
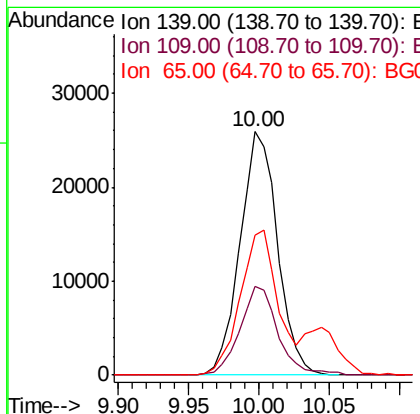
RT: 10.00 min Scan# 1142

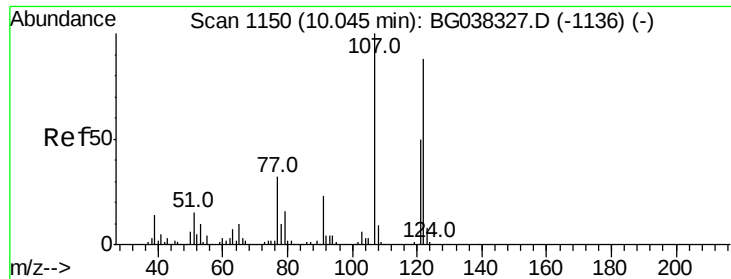
Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 36.5  | 23.3 | 34.9# |       |
| 65      | 57.3  | 39.8 | 59.8  |       |





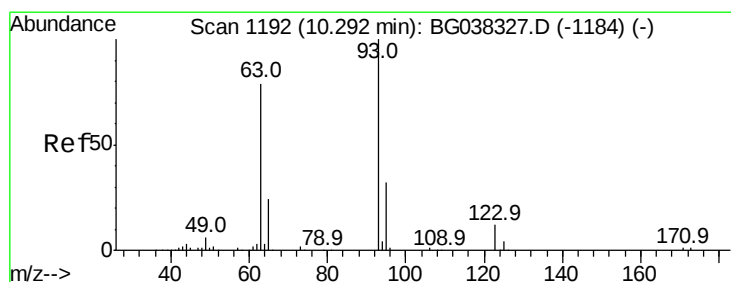
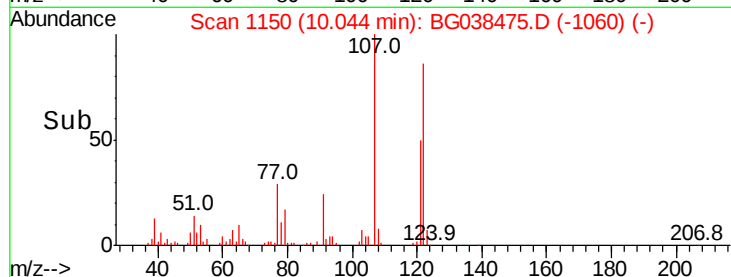
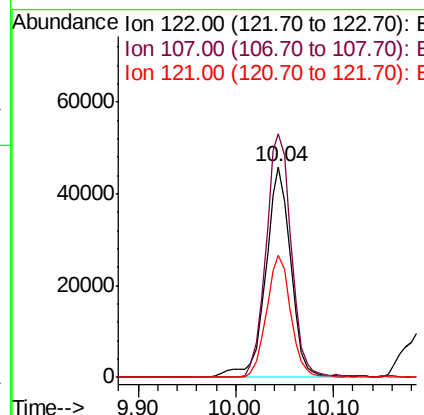
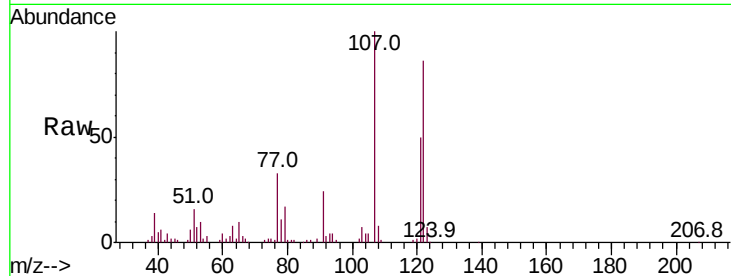
#27  
2,4-Dimethylphenol  
Concen: 57.857 ng  
RT: 10.04 min Scan# 1150  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 115.6 | 94.2  | 141.2 |
| 121     | 57.9  | 47.3  | 70.9  |

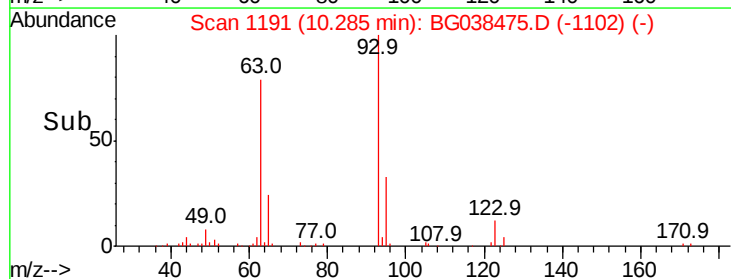
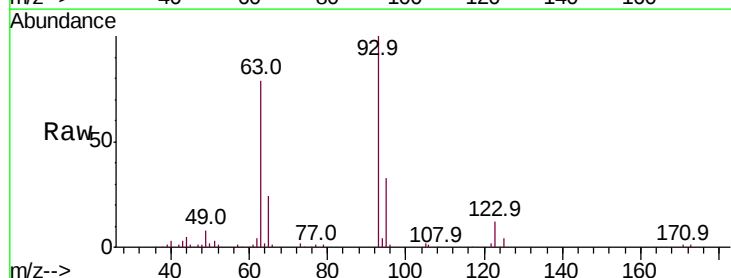
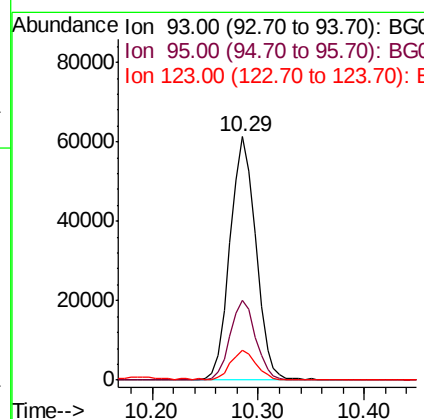
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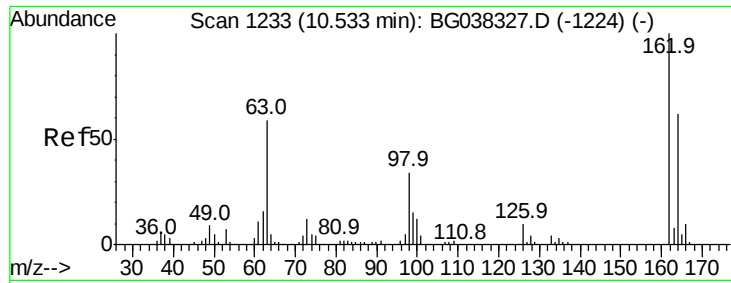
Sohil  
12/12/2018 5:38:40 PM



#28  
bis(2-Chloroethoxy)methane  
Concen: 48.486 ng  
RT: 10.29 min Scan# 1191  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.7  | 24.6  | 37.0  |
| 123     | 12.1  | 9.1   | 13.7  |





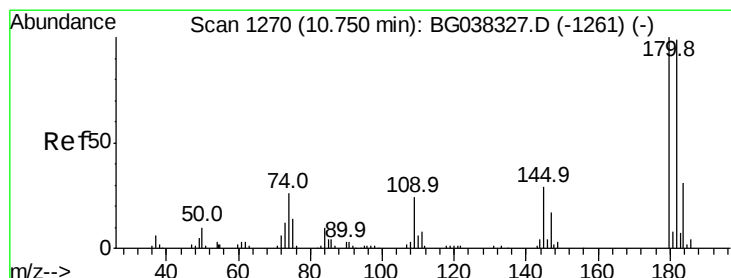
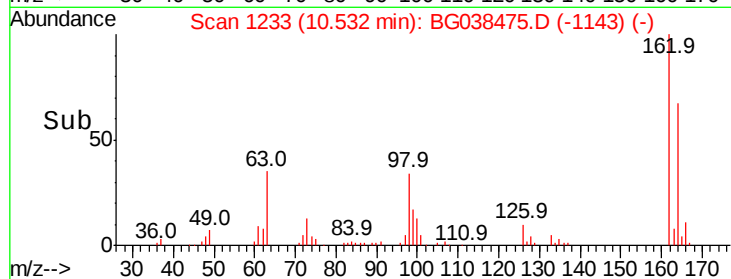
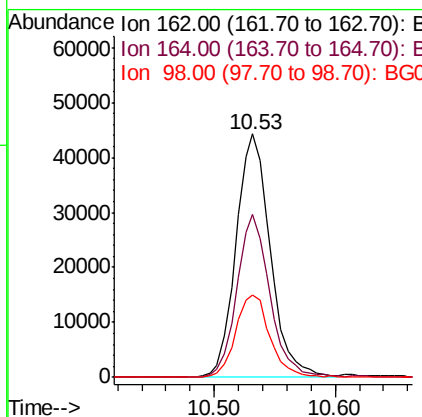
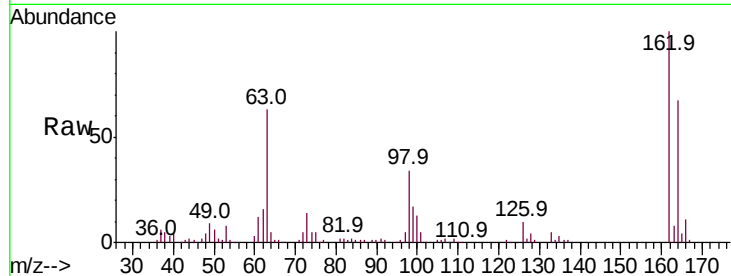
#29  
 2,4-Dichlorophenol  
 Concen: 53.489 ng  
 RT: 10.53 min Scan# 1233  
 Delta R.T. -0.00 min  
 Lab File: BG038475.D  
 Acq: 11 Dec 2018 18:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 67.1  | 43.2  | 83.2  |
| 98      | 33.9  | 16.0  | 56.0  |

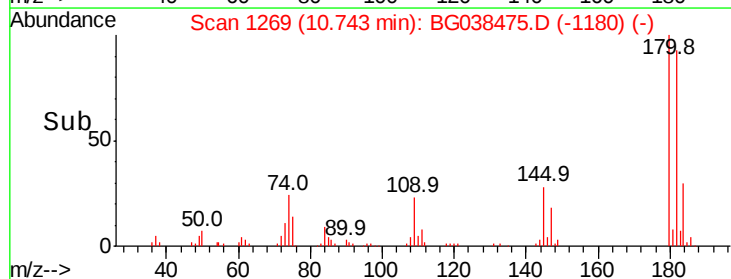
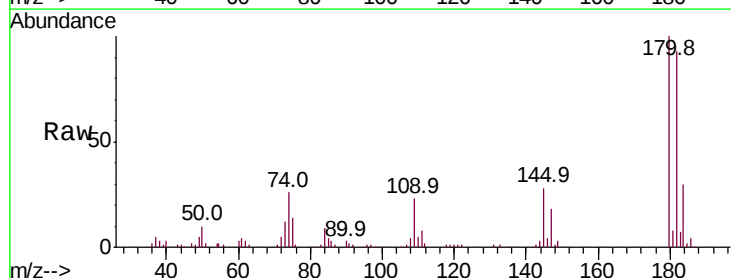
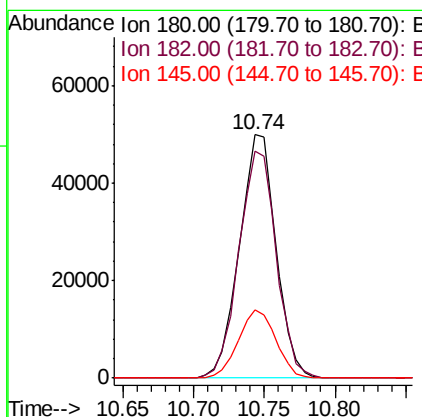
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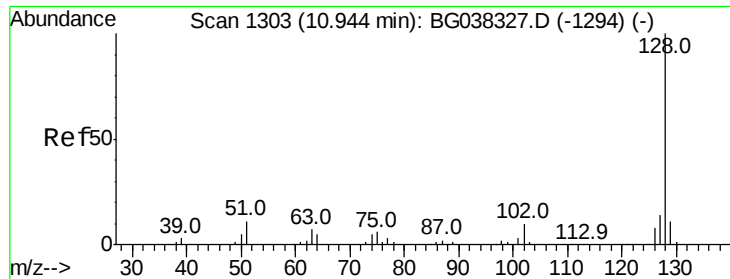
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 12/12/2018 5:38:40 PM



#30  
 1,2,4-Trichlorobenzene  
 Concen: 47.036 ng  
 RT: 10.74 min Scan# 1269  
 Delta R.T. -0.01 min  
 Lab File: BG038475.D  
 Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.2  | 77.7  | 116.5 |
| 145     | 27.9  | 23.3  | 34.9  |





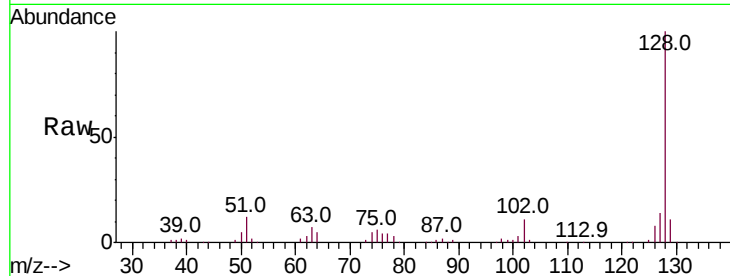
#31  
Naphthalene  
Concen: 50.162 ng  
RT: 10.94 min Scan# 1302  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

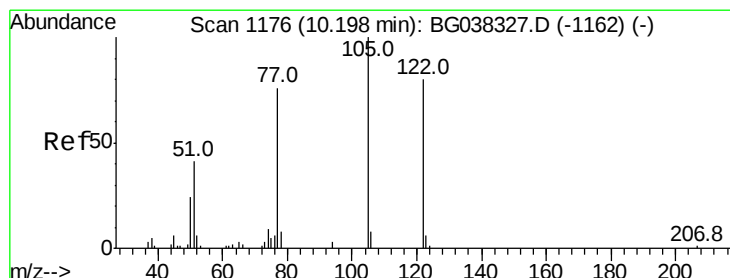
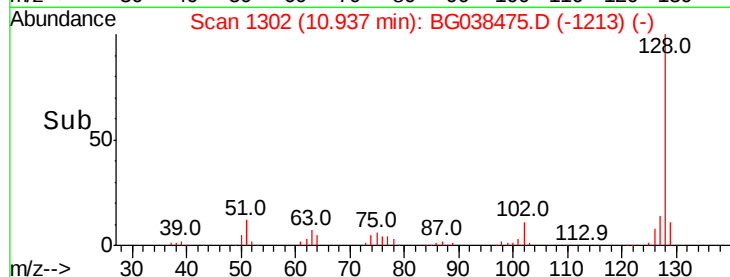
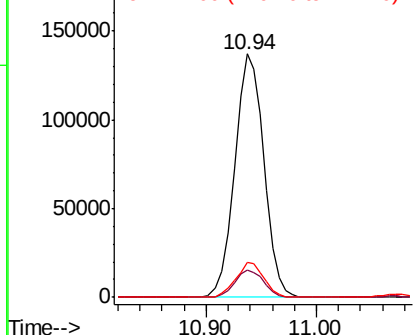
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 9.0   | 13.6  |
| 127     | 14.2  | 11.1  | 16.7  |

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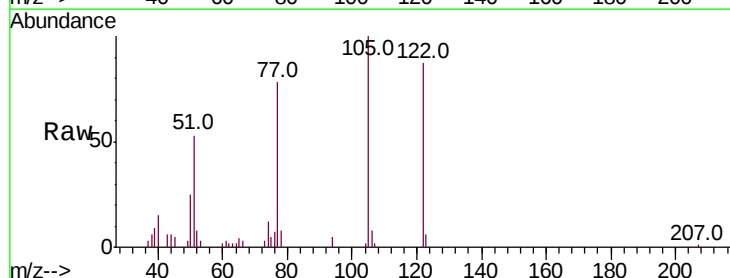


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

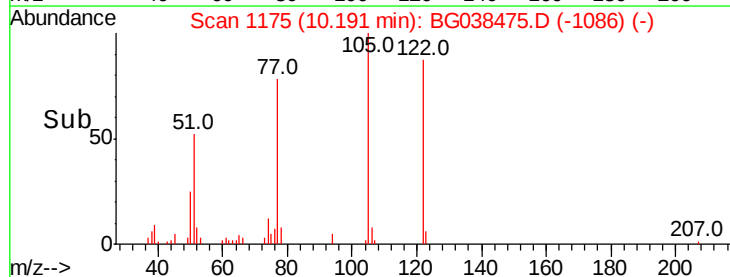
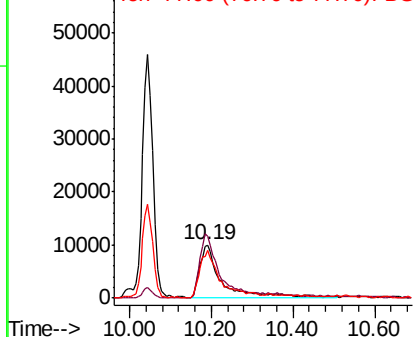


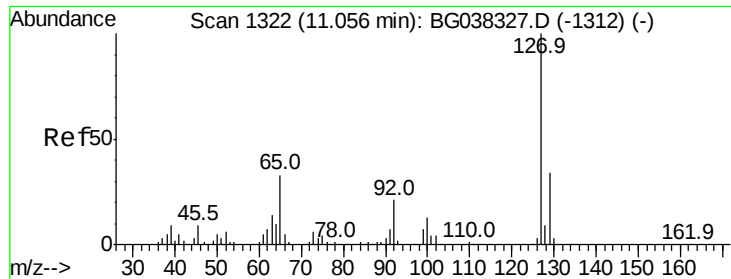
#32  
Benzoic acid  
Concen: 36.935 ng m  
RT: 10.19 min Scan# 1175  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 114.5 | 106.7 | 146.7 |
| 77      | 89.9  | 72.2  | 112.2 |



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG





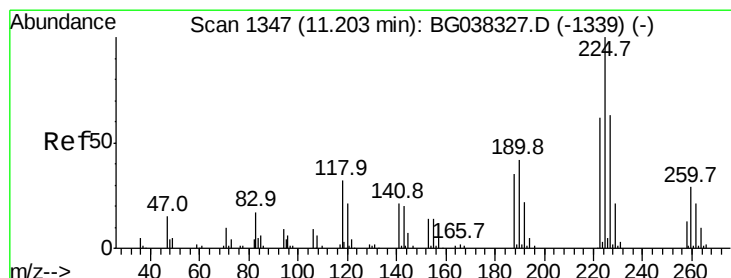
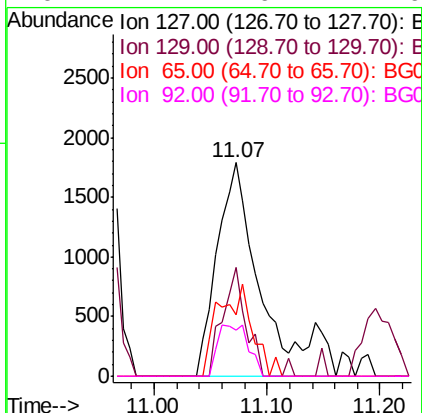
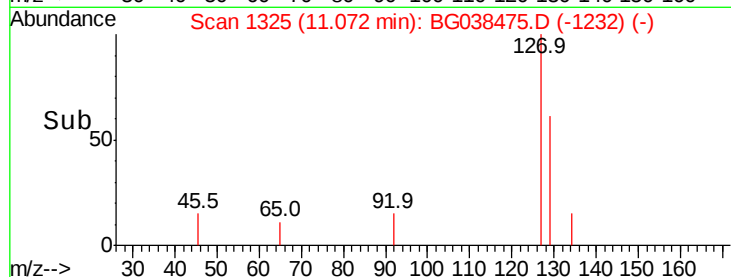
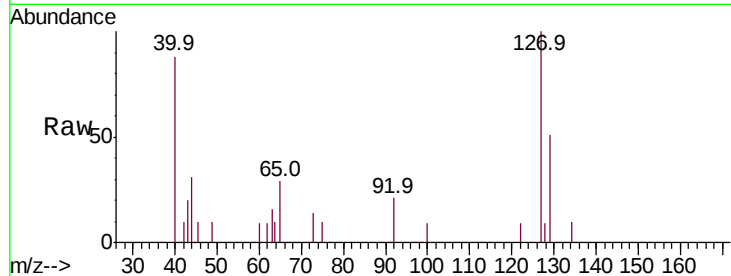
#33  
4-Chloroaniline  
Concen: 2.182 ng/ml  
RT: 11.07 min Scan# 1325  
Delta R.T. 0.02 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 51.1  | 27.1  | 40.7# |
| 65      | 28.8  | 26.6  | 39.8  |
| 92      | 21.4  | 16.4  | 24.6  |

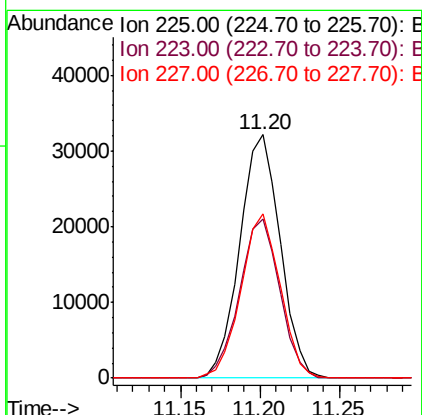
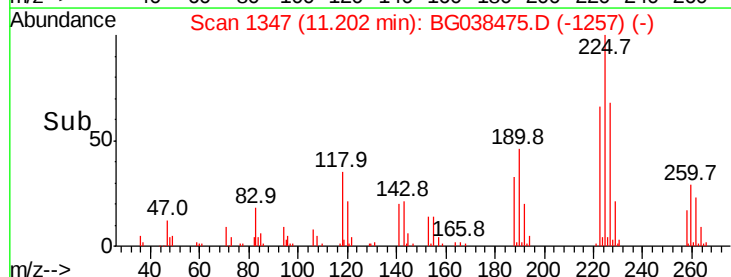
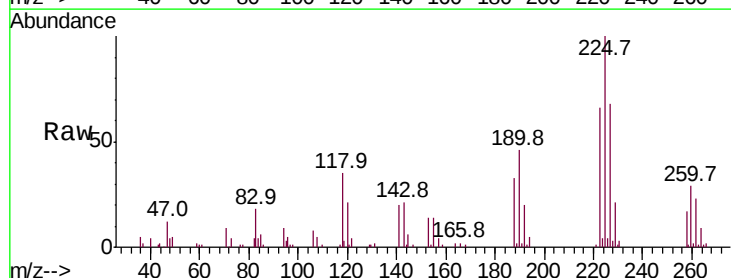
Manual Integrations  
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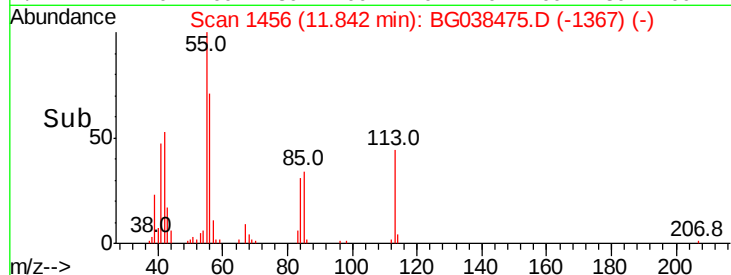
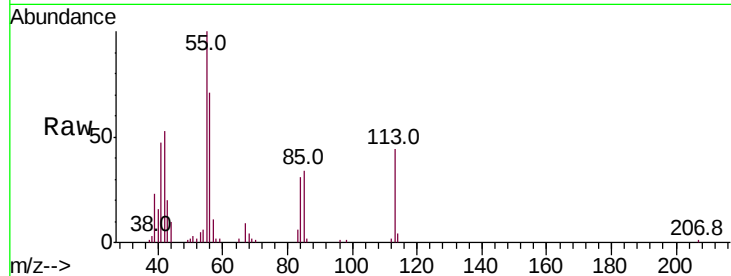
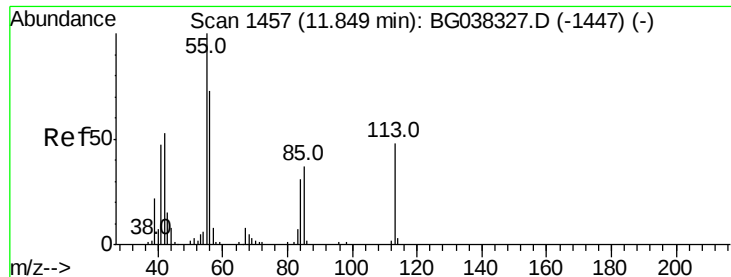
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#34  
Hexachlorobutadiene  
Concen: 47.304 ng  
RT: 11.20 min Scan# 1347  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 66.4  | 48.2  | 72.4  |
| 227     | 67.3  | 51.6  | 77.4  |





#35

Caprolactam

Concen: 34.783 ng/ml

RT: 11.84 min Scan# 1456

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

ClientSampleId :

OR-02-121018-AMS

Tot Ion:113 Resp: 23595

Ion Ratio Lower Upper

113 100

55 227.1 176.6 216.6#

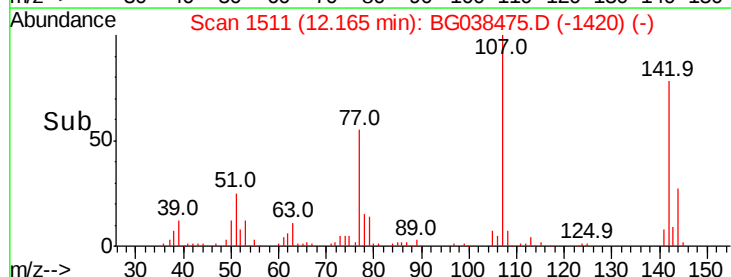
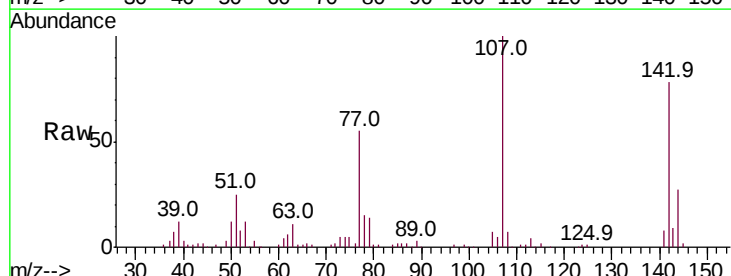
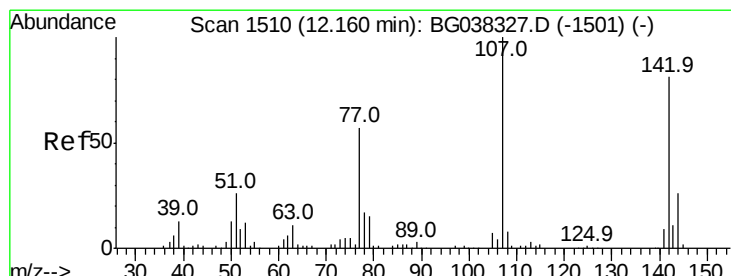
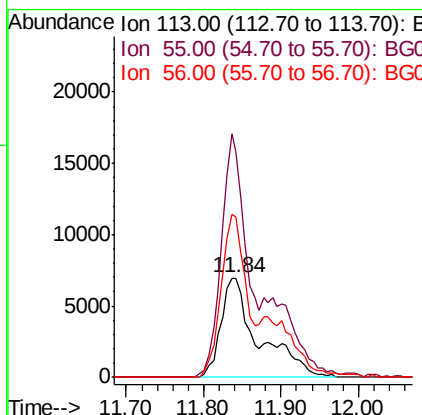
56 160.5 128.3 168.3

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12/12/2018 5:38:40 PM



#36

4-Chloro-3-methylphenol

Concen: 53.255 ng/ml

RT: 12.17 min Scan# 1511

Delta R.T. 0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

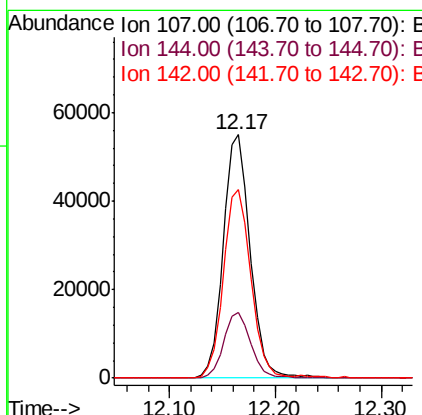
Tgt Ion:107 Resp: 97060

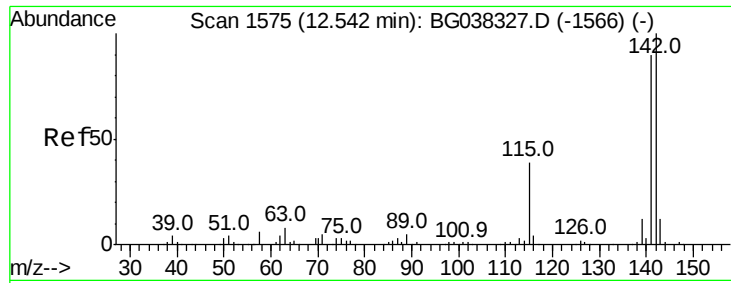
Ion Ratio Lower Upper

107 100

144 26.8 20.7 31.1

142 77.6 64.4 96.6





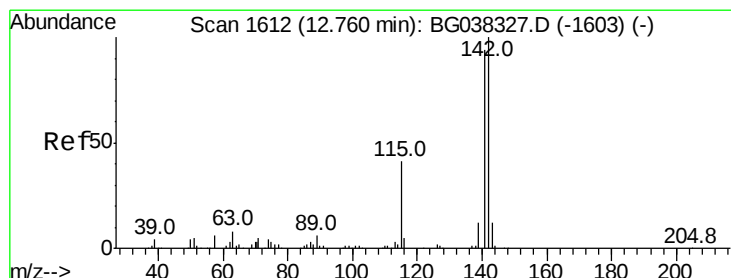
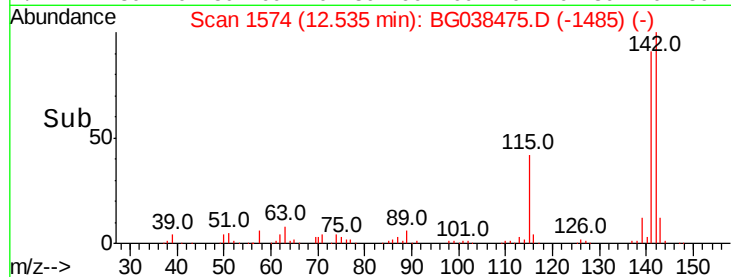
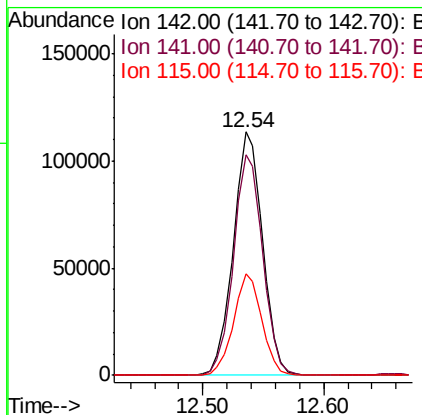
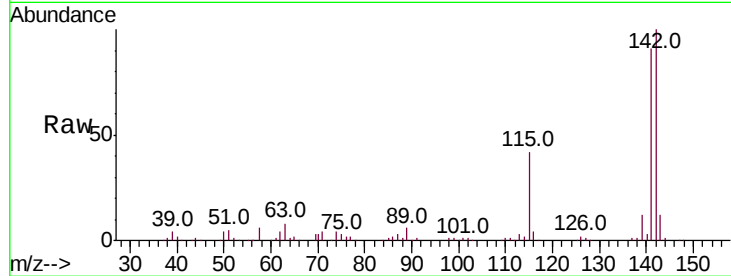
#37  
2-Methylnaphthalene  
Concen: 53.551 ng  
RT: 12.54 min Scan# 1574  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.7  | 71.9  | 107.9 |
| 115     | 41.5  | 27.8  | 41.8  |

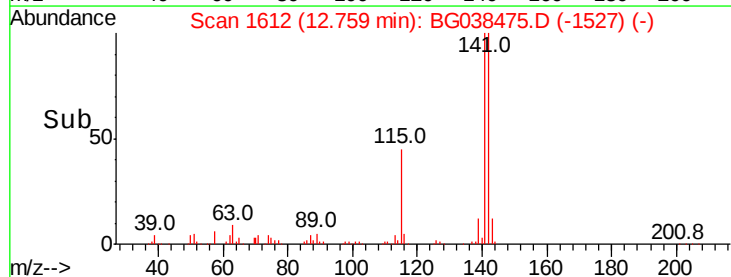
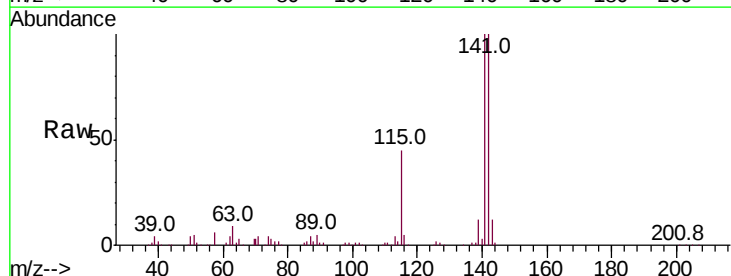
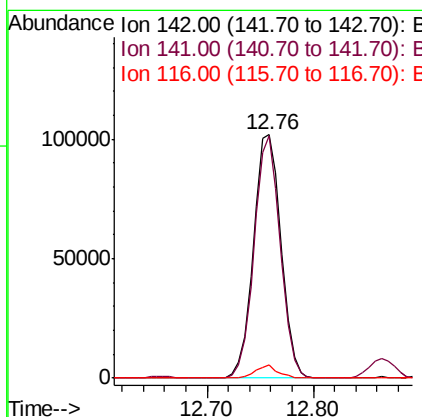
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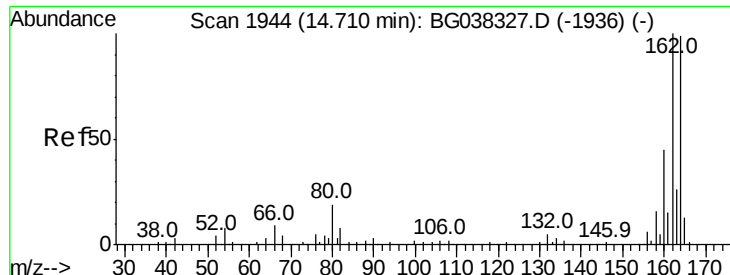
Sohil  
12/12/2018 5:38:40 PM



#38  
1-Methylnaphthalene  
Concen: 53.013 ng m  
RT: 12.76 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 99.8  | 75.2  | 112.8 |
| 116     | 5.2   | 3.3   | 4.9#  |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

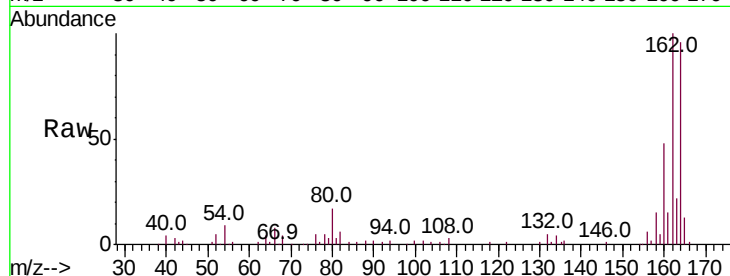
ClientSampleId :

OR-02-121018-AMS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 164   | Resp: | 69815 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 104.4 | 81.3  | 121.9 |
| 160       | 49.8  | 36.3  | 54.5  |

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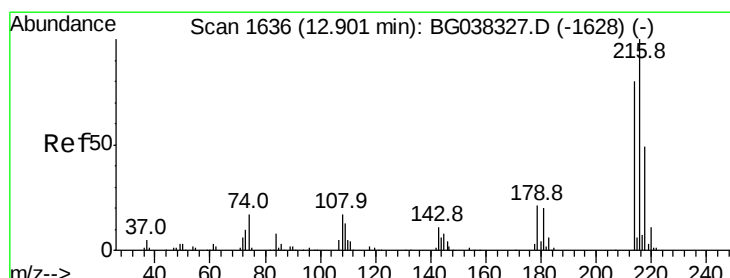
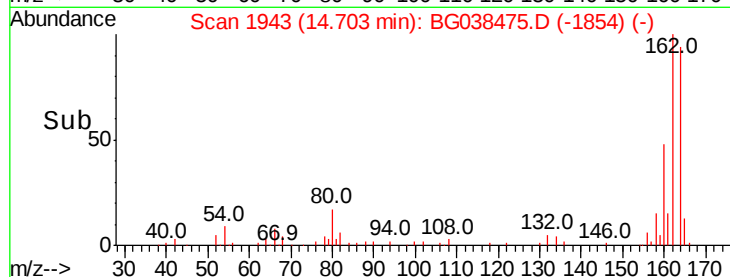
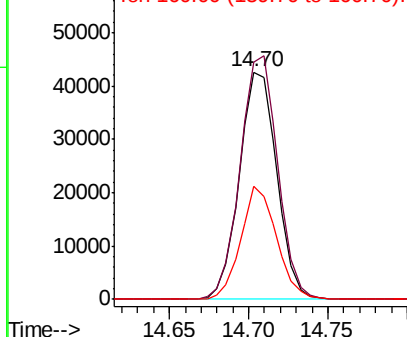


Abundance

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: 46.310 ng

RT: 12.90 min Scan# 1636

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 111252 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 80.9  | 63.8  | 95.6   |
| 179       | 20.3  | 17.4  | 26.0   |
| 108       | 18.5  | 13.9  | 20.9   |

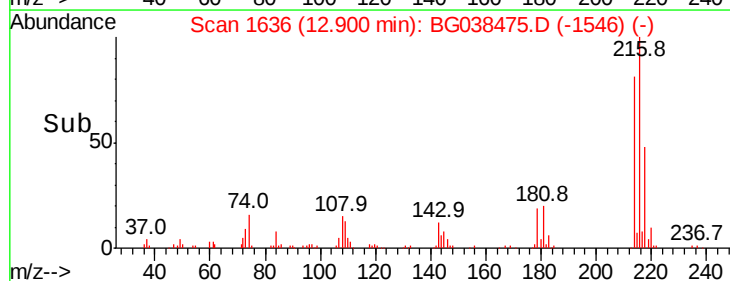
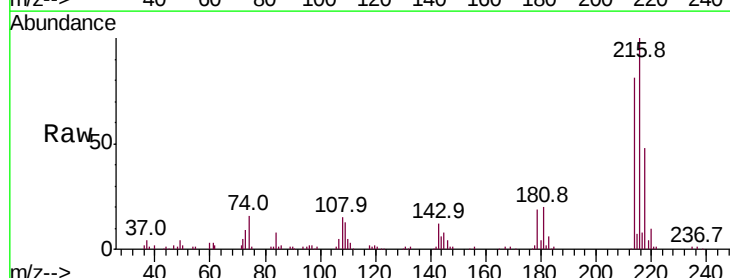
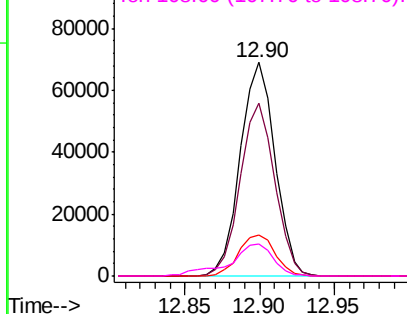
Abundance

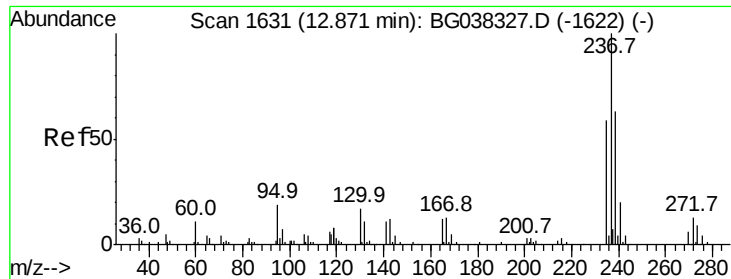
Ion 216.00 (215.70 to 216.70): E

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: 92.841 ng

RT: 12.86 min Scan# 1630

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

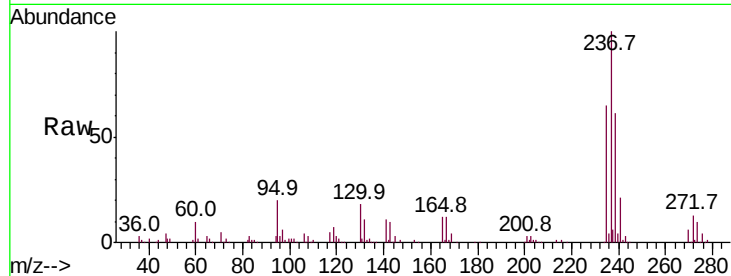
ClientSampleId :

OR-02-121018-AMS

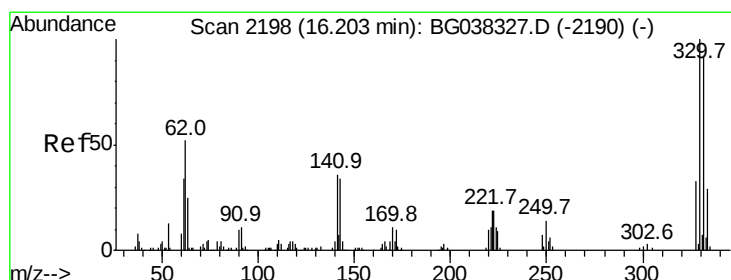
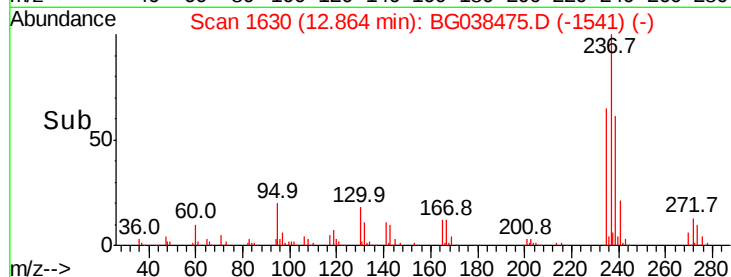
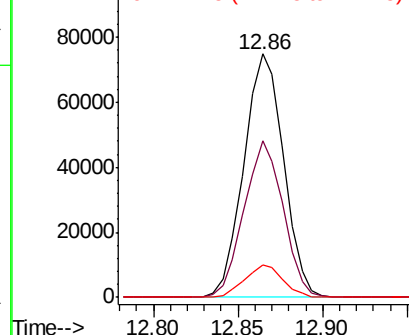
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 237   | Resp: | 122566 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 64.5  | 42.5  | 82.5   |
| 272       | 13.2  | 0.0   | 31.6   |

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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: 170.772 ng

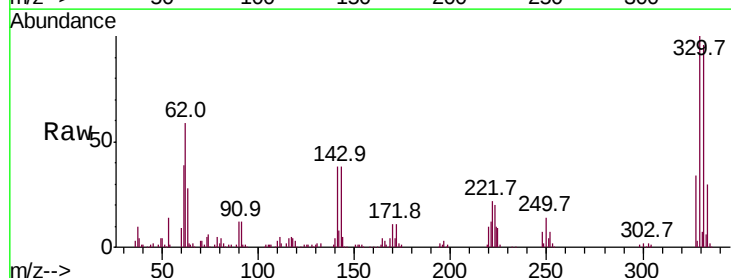
RT: 16.20 min Scan# 2197

Delta R.T. -0.01 min

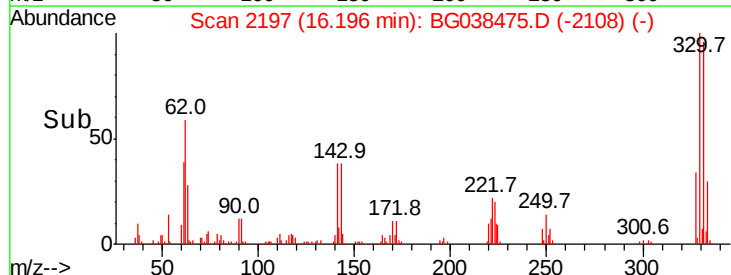
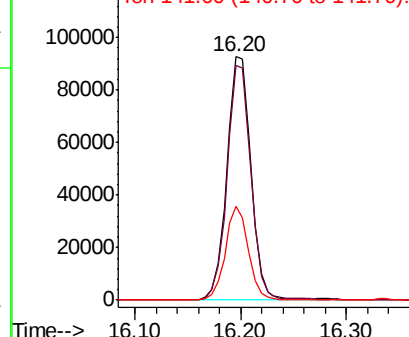
Lab File: BG038475.D

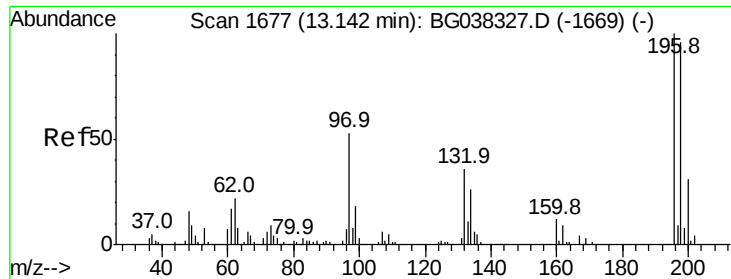
Acq: 11 Dec 2018 18:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 146363 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.2  | 78.4  | 117.6  |
| 141       | 36.7  | 32.2  | 48.2   |



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





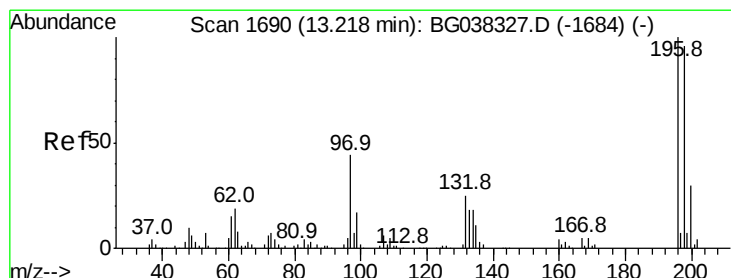
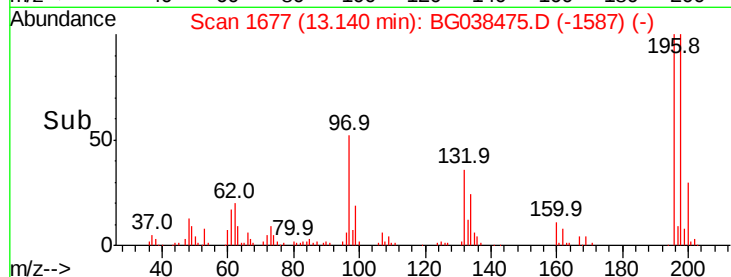
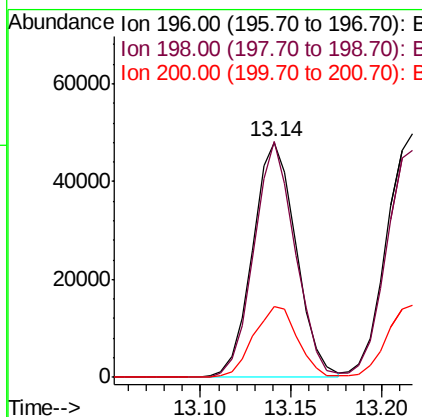
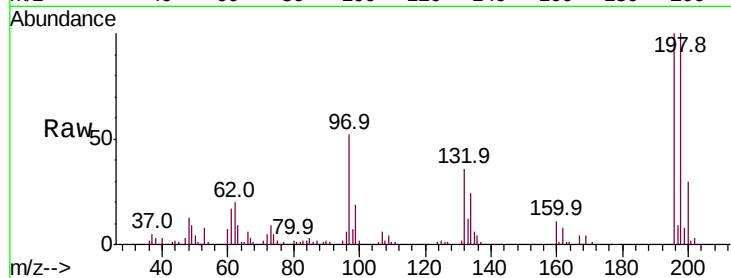
#43  
 2,4,6-Trichlorophenol  
 Concen: 51.220 ng  
 RT: 13.14 min Scan# 1677  
 Delta R.T. -0.00 min  
 Lab File: BG038475.D  
 Acq: 11 Dec 2018 18:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-02-121018-AMS

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 79708 |       |       |
| 198     | 100.4 | 76.4  | 114.6 |       |
| 200     | 30.2  | 24.9  | 37.3  |       |

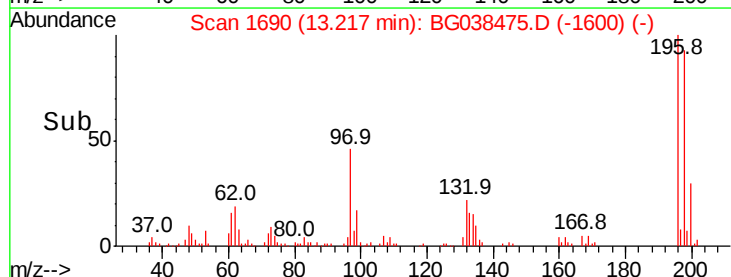
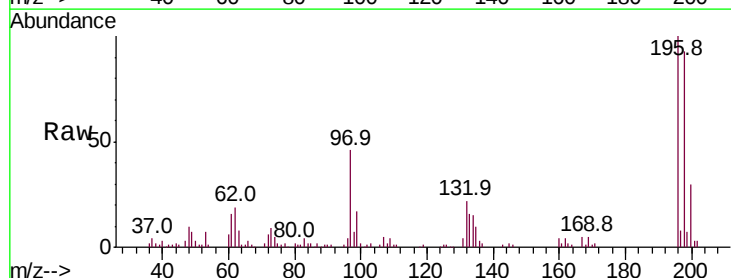
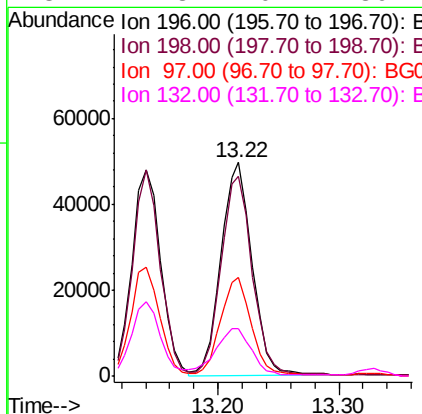
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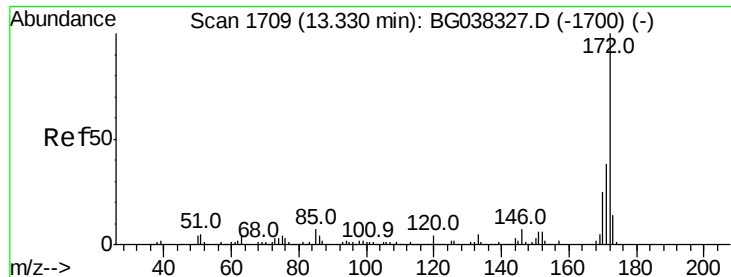
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#44  
 2,4,5-Trichlorophenol  
 Concen: 53.433 ng  
 RT: 13.22 min Scan# 1690  
 Delta R.T. -0.00 min  
 Lab File: BG038475.D  
 Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 196     | 100   | 88090 |       |       |
| 198     | 93.3  | 74.2  | 111.2 |       |
| 97      | 46.3  | 34.1  | 51.1  |       |
| 132     | 22.3  | 20.2  | 30.4  |       |





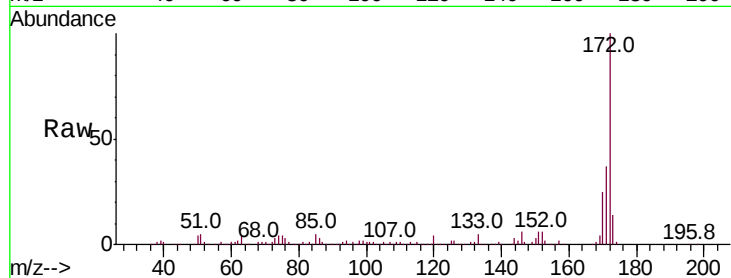
#45  
2-Fluorobiphenyl  
Concen: 93.922 ng  
RT: 13.33 min Scan# 1709  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 37.3  | 31.0  | 46.4  |
| 170     | 24.8  | 20.2  | 30.2  |

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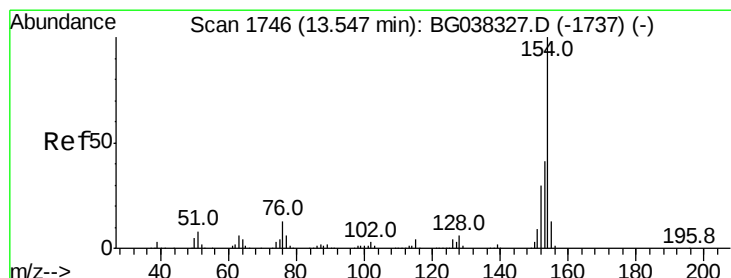
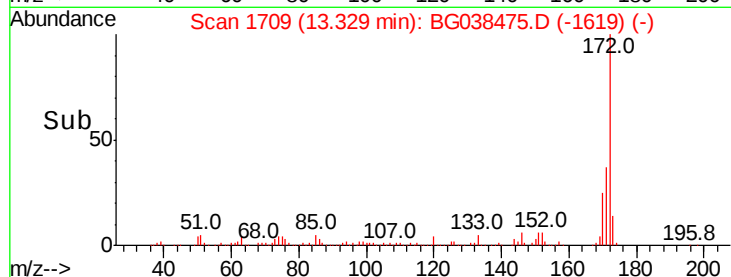
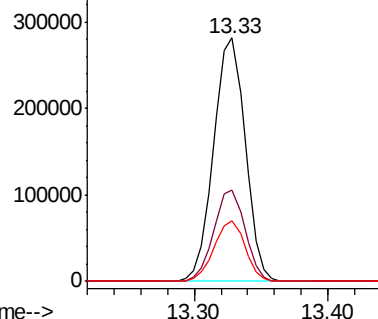


Abundance

Ion 172.00 (171.70 to 172.70): E

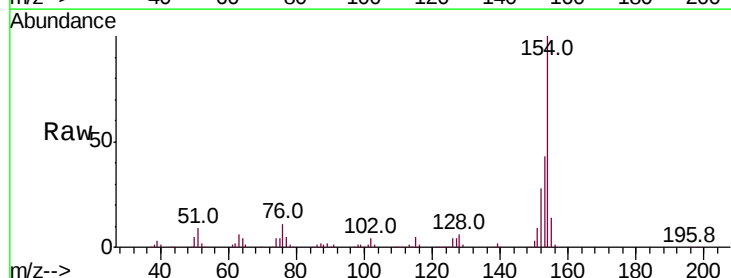
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46  
1,1'-Biphenyl  
Concen: 42.870 ng  
RT: 13.54 min Scan# 1745  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.3  | 22.1  | 62.1  |
| 76      | 11.2  | 0.0   | 33.2  |

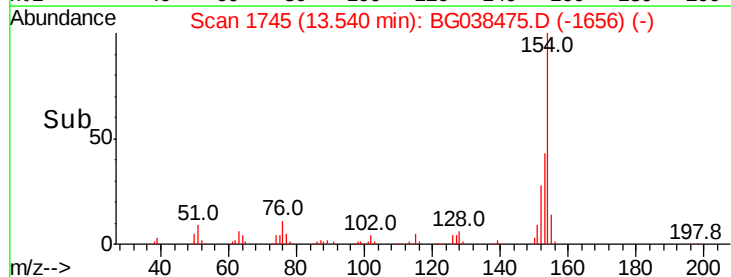
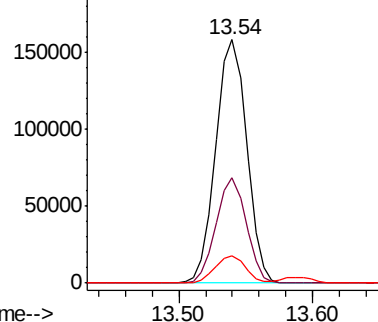


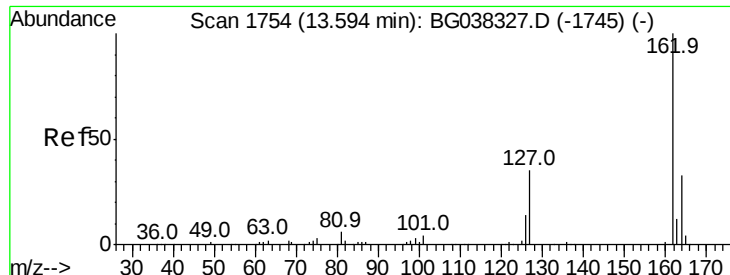
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





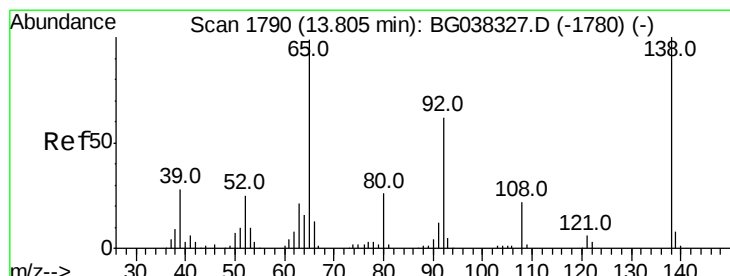
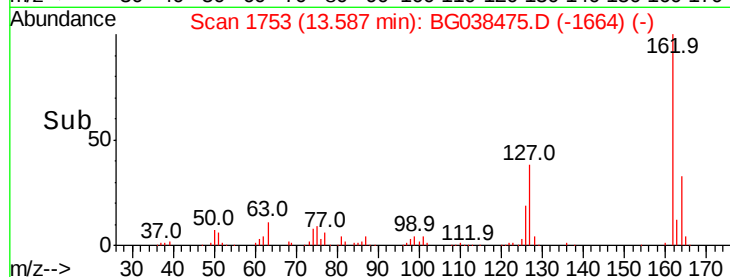
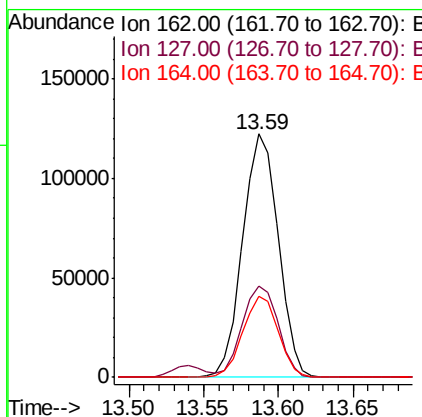
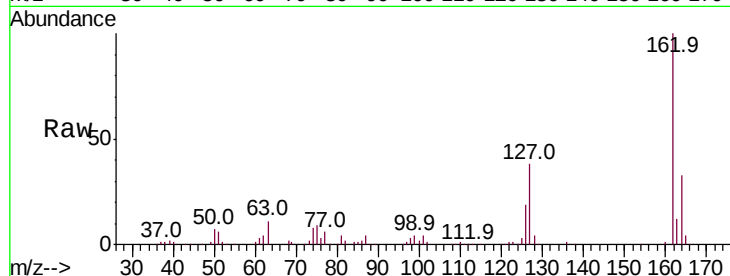
#47  
 2-Chloronaphthalene  
 Concen: 45.395 ng  
 RT: 13.59 min Scan# 1753  
 Delta R.T. -0.01 min  
 Lab File: BG038475.D  
 Acq: 11 Dec 2018 18:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.7  | 30.5  | 45.7  |
| 164     | 33.4  | 26.4  | 39.6  |

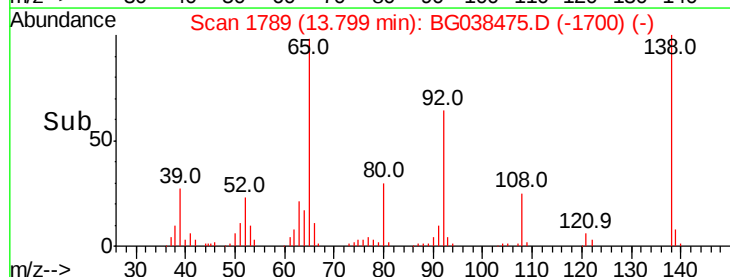
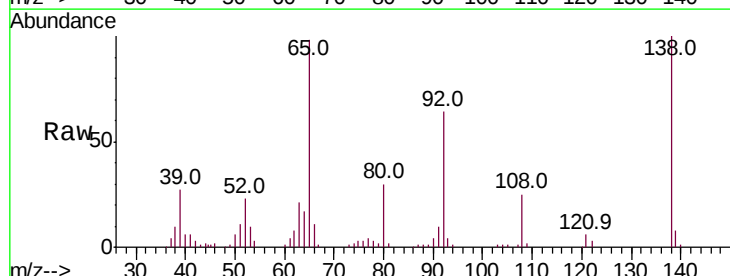
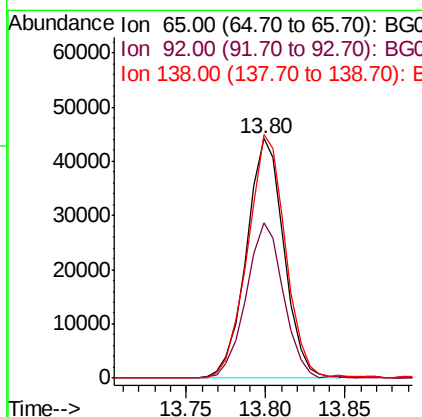
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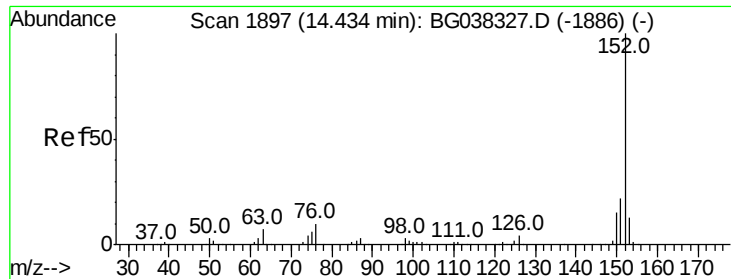
Sohil  
 12/12/2018 5:38:40 PM



#48  
 2-Nitroaniline  
 Concen: 48.559 ng  
 RT: 13.80 min Scan# 1789  
 Delta R.T. -0.01 min  
 Lab File: BG038475.D  
 Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.9  | 53.2  | 79.8  |
| 138     | 101.6 | 79.3  | 118.9 |





#49

Acenaphthylene

Concen: 50.651 ng

RT: 14.43 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

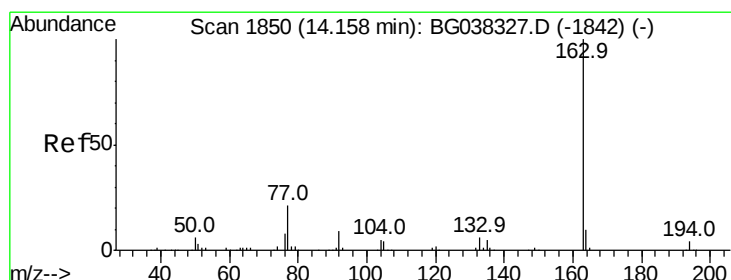
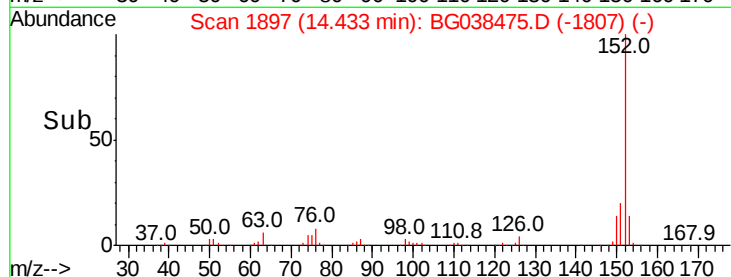
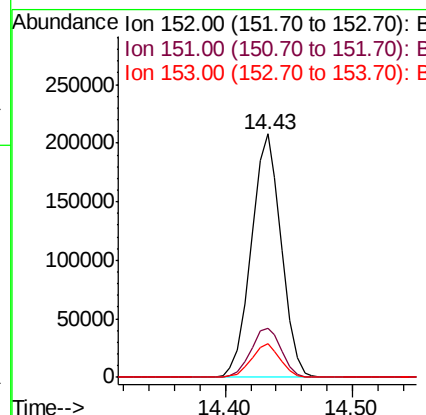
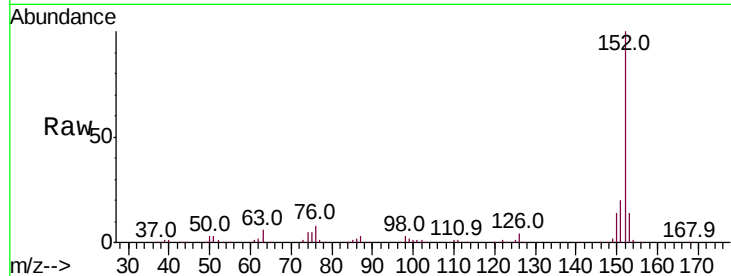
ClientSampleId :

OR-02-121018-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 152   | Resp: | 339705 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 151       | 20.4  | 17.1  | 25.7   |
| 153       | 13.7  | 11.1  | 16.7   |

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#50

Dimethylphthalate

Concen: 51.008 ng

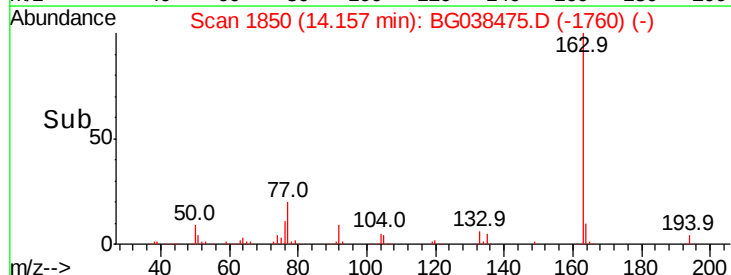
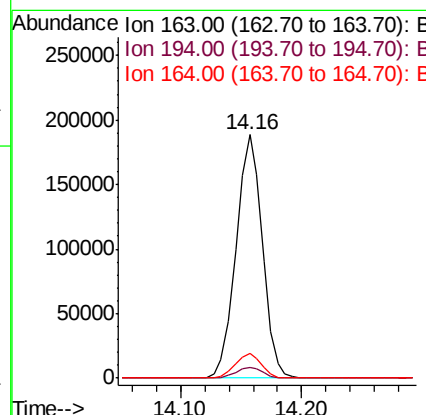
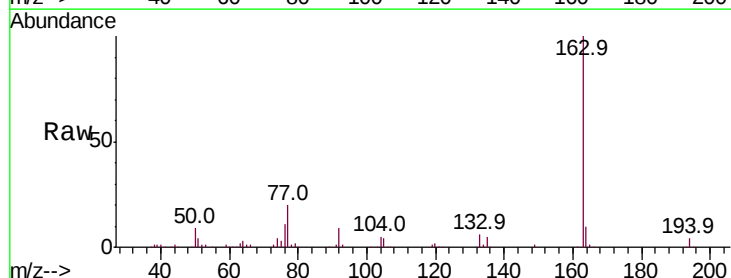
RT: 14.16 min Scan# 1850

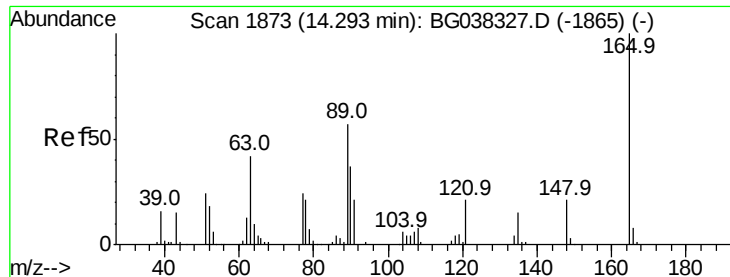
Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 285633 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.3   | 3.5   | 5.3    |
| 164       | 9.9   | 8.5   | 12.7   |





#51

2,6-Dinitrotoluene

Concen: 49.630 ng

RT: 14.29 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

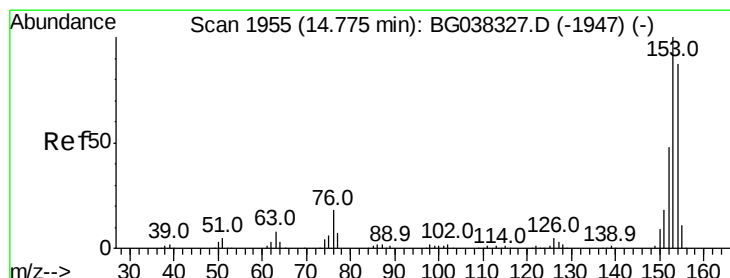
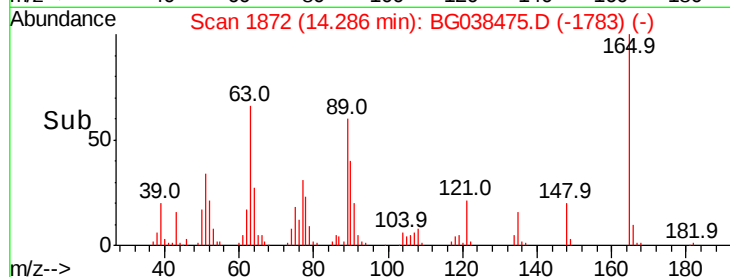
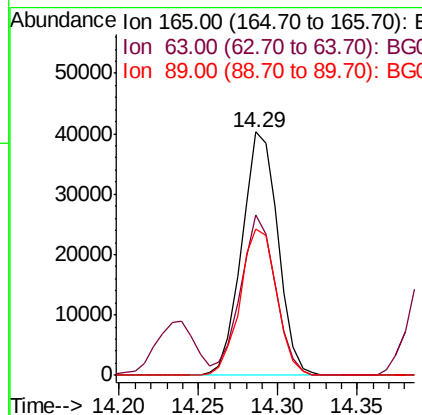
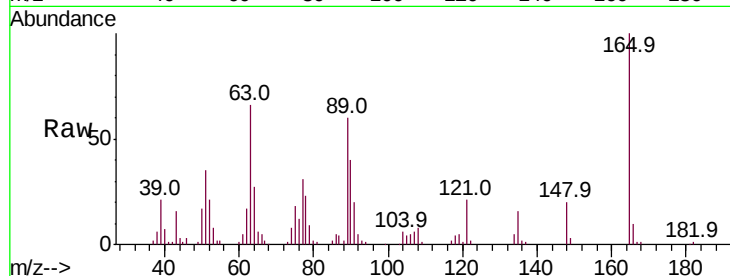
ClientSampleId :

OR-02-121018-AMS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 165   | Resp: | 63485 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 65.9  | 43.4  | 65.2# |
| 89        | 60.0  | 45.8  | 68.6  |

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#52

Acenaphthene

Concen: 48.346 ng

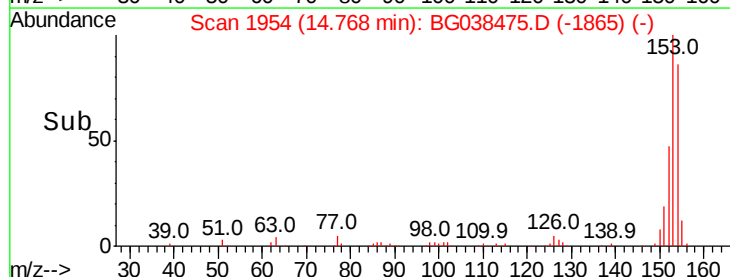
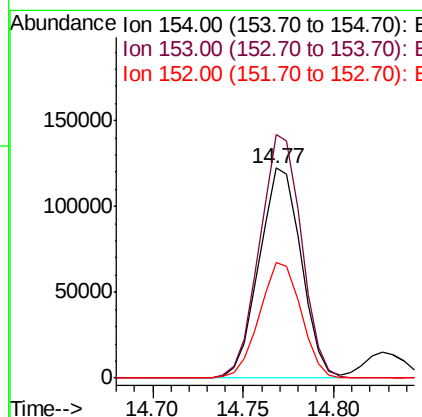
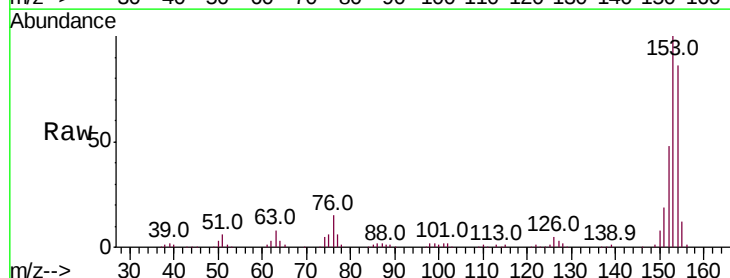
RT: 14.77 min Scan# 1954

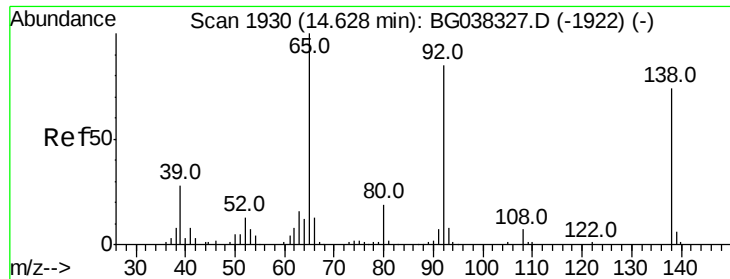
Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 154   | Resp: | 197668 |
| Ion Ratio | Lower | Upper |        |
| 154       | 100   |       |        |
| 153       | 116.1 | 93.4  | 140.0  |
| 152       | 55.2  | 44.7  | 67.1   |





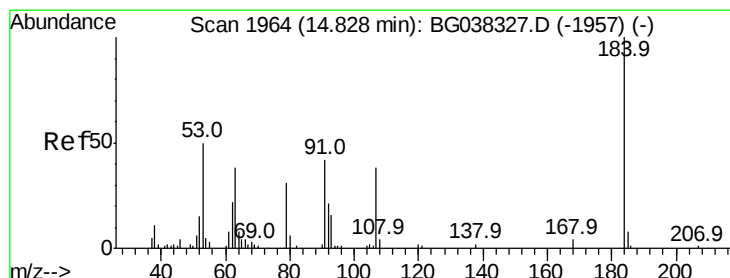
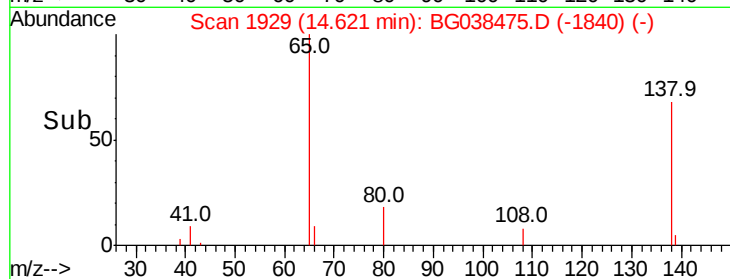
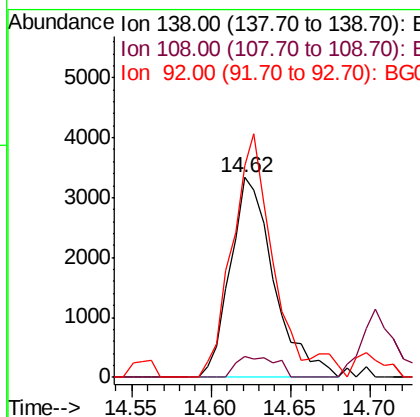
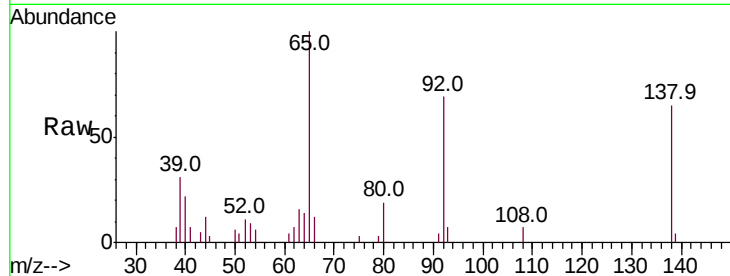
#53  
3-Nitroaniline  
Concen: 4.622 ng  
RT: 14.62 min Scan# 1929  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.6  | 11.0  | 16.6# |
| 92      | 105.5 | 95.2  | 142.8 |

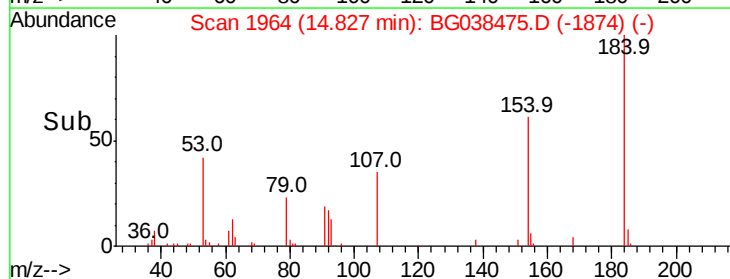
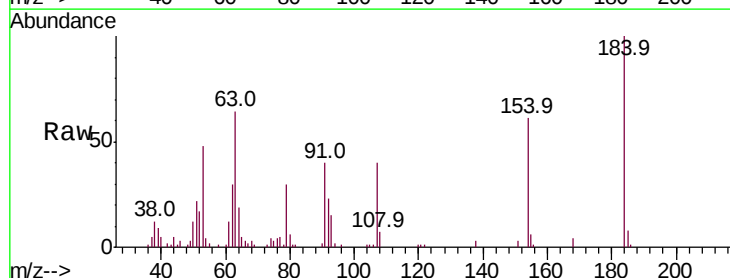
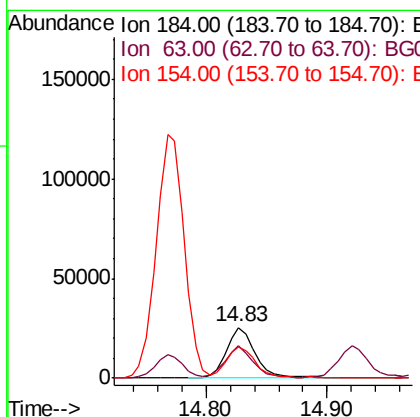
Manual Integrations  
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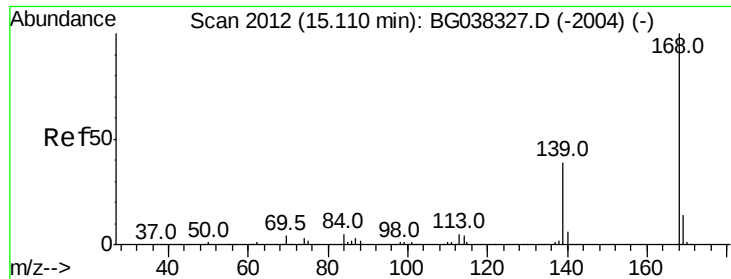
Sohil  
12/12/2018 5:38:40 PM



#54  
2,4-Dinitrophenol  
Concen: 59.752 ng  
RT: 14.83 min Scan# 1964  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 63      | 64.0  | 42.6  | 63.8# |
| 154     | 61.0  | 41.8  | 62.6  |





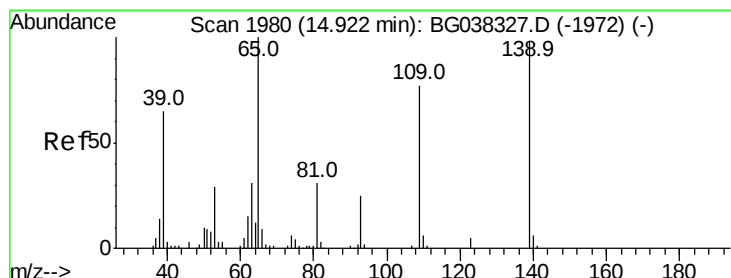
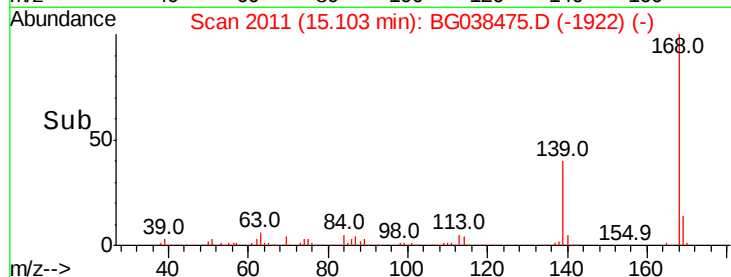
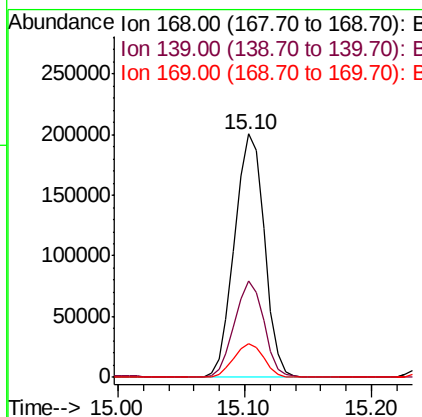
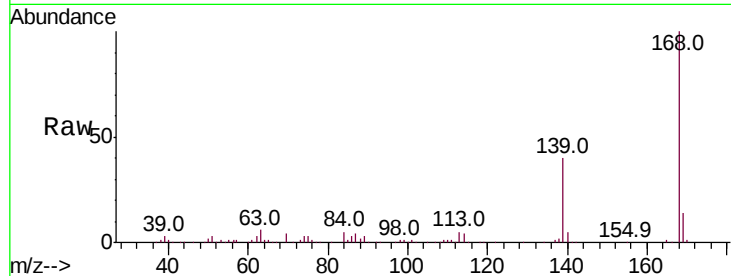
#55  
Dibenzofuran  
Concen: 48.285 ng  
RT: 15.10 min Scan# 2011  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 168     | 100   |      |       |       |
| 139     | 39.7  | 29.4 | 44.0  |       |
| 169     | 14.0  | 11.0 | 16.6  |       |

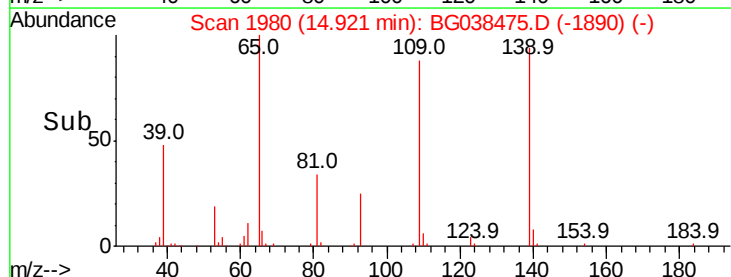
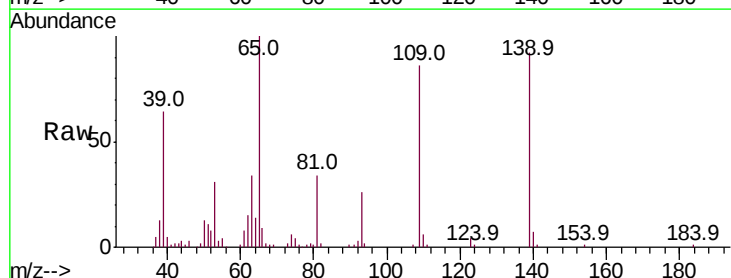
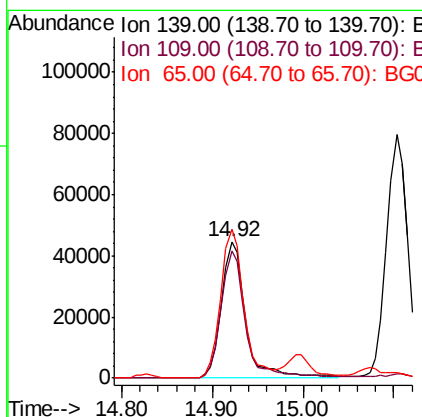
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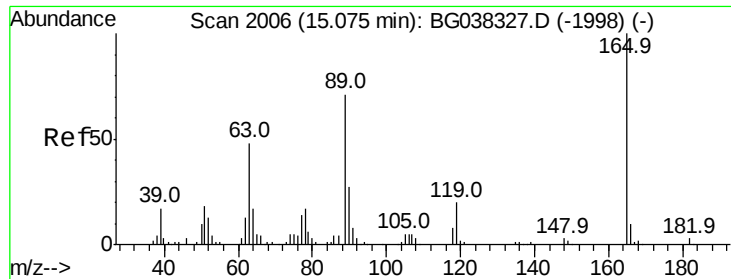
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#56  
4-Nitrophenol  
Concen: 76.071 ng  
RT: 14.92 min Scan# 1980  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 139     | 100   |      |       |       |
| 109     | 93.7  | 49.5 | 89.5# |       |
| 65      | 109.2 | 76.8 | 116.8 |       |





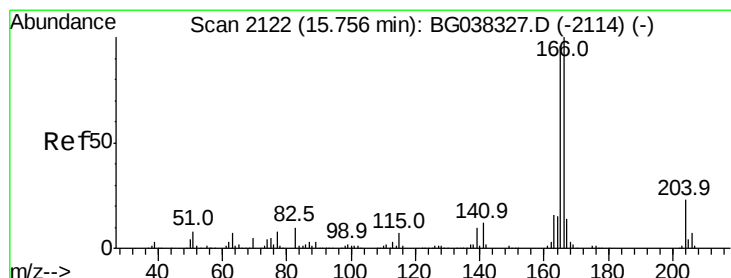
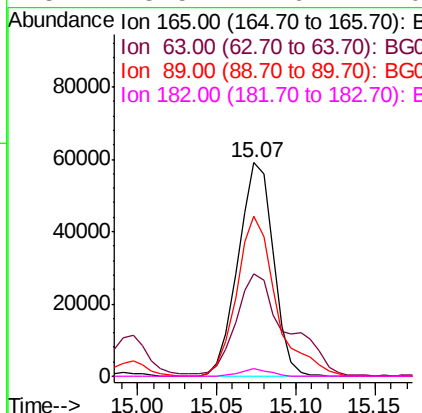
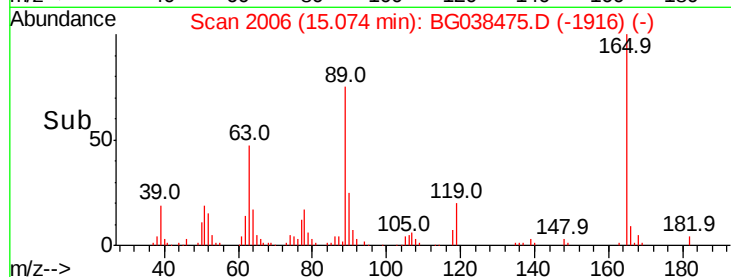
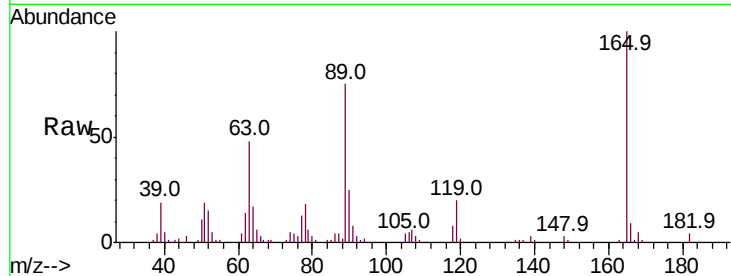
#57  
2,4-Dinitrotoluene  
Concen: 51.620 ng  
RT: 15.07 min Scan# 2006  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 47.8  | 33.4  | 50.0  |
| 89      | 75.1  | 57.2  | 85.8  |
| 182     | 3.5   | 2.6   | 4.0   |

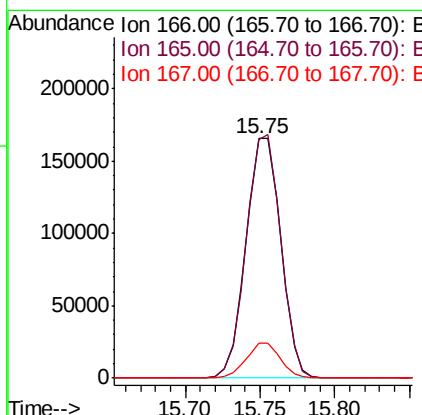
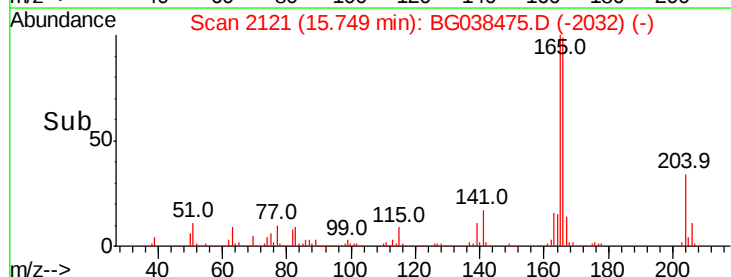
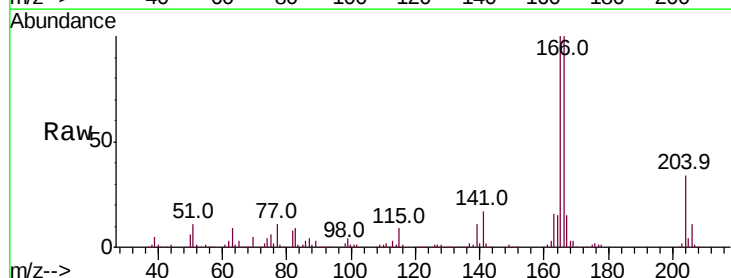
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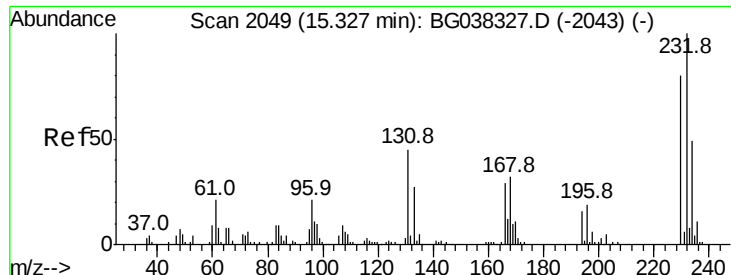
Sohil  
12/12/2018 5:38:40 PM



#58  
Fluorene  
Concen: 53.677 ng  
RT: 15.75 min Scan# 2121  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.8  | 79.0  | 118.6 |
| 167     | 14.7  | 11.3  | 16.9  |





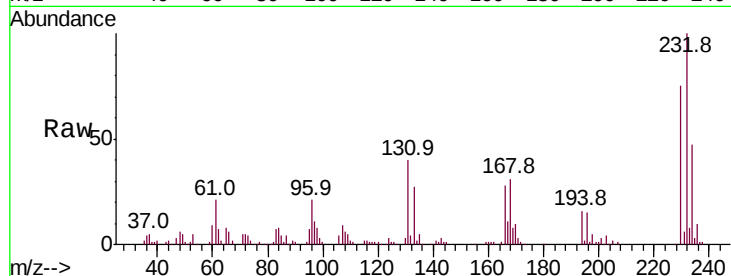
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 58.137 ng  
 RT: 15.33 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: BG038475.D  
 Acq: 11 Dec 2018 18:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-02-121018-AMS

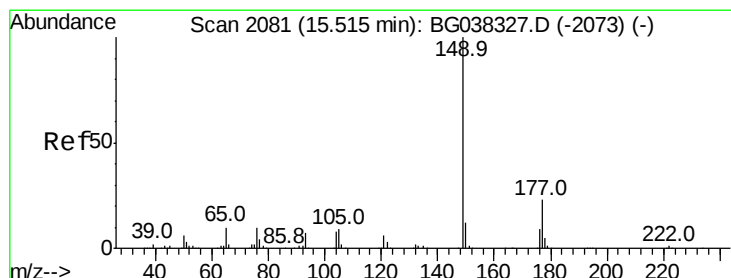
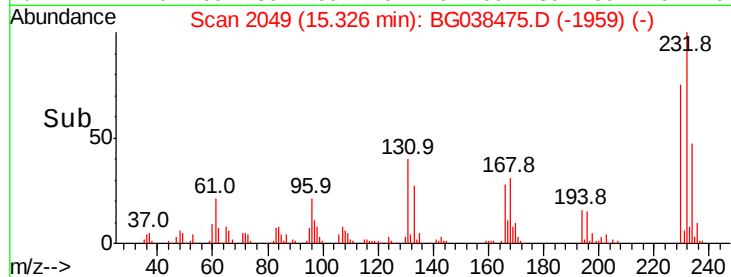
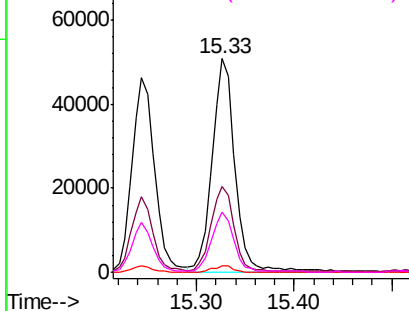
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 232   | Resp: | 83243 |
| Ion Ratio | Lower | Upper |       |
| 232       | 100   |       |       |
| 131       | 39.0  | 33.7  | 50.5  |
| 130       | 2.6   | 2.1   | 3.1   |
| 166       | 26.1  | 24.6  | 36.8  |

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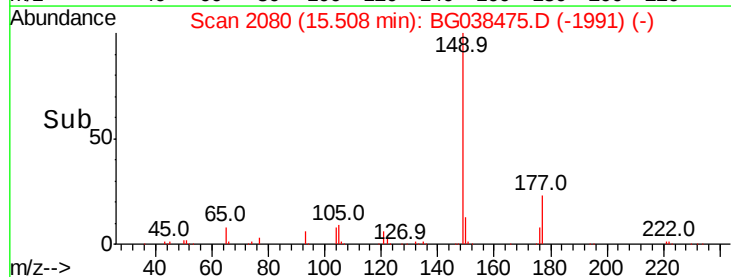
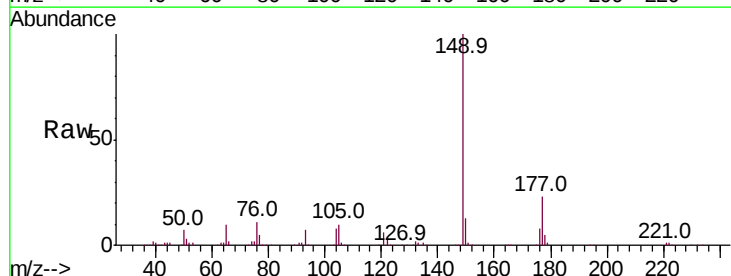
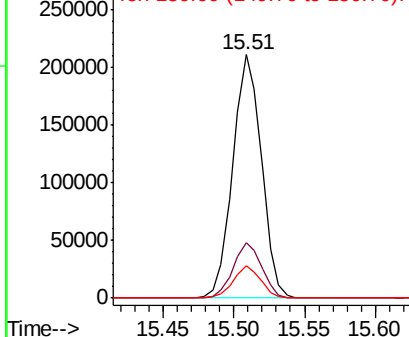
Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

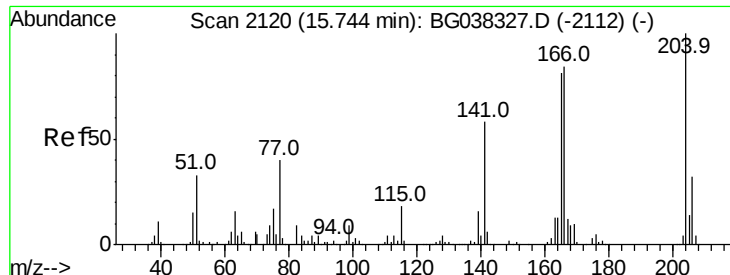


#60  
 Diethylphthalate  
 Concen: 47.851 ng  
 RT: 15.51 min Scan# 2080  
 Delta R.T. -0.01 min  
 Lab File: BG038475.D  
 Acq: 11 Dec 2018 18:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 149   | Resp: | 296863 |
| Ion Ratio | Lower | Upper |        |
| 149       | 100   |       |        |
| 177       | 22.7  | 18.3  | 27.5   |
| 150       | 13.1  | 10.0  | 15.0   |

Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E





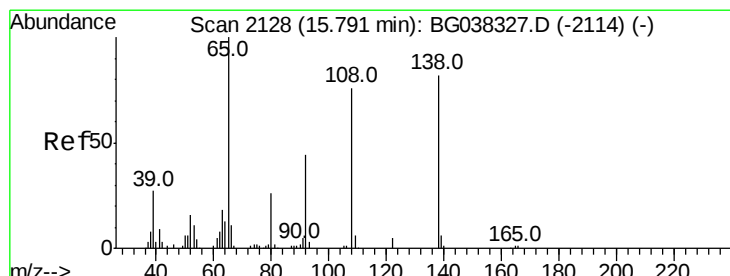
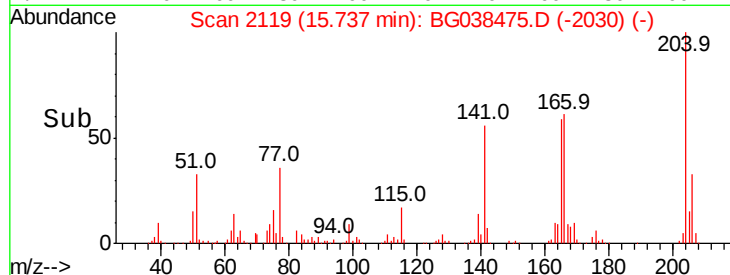
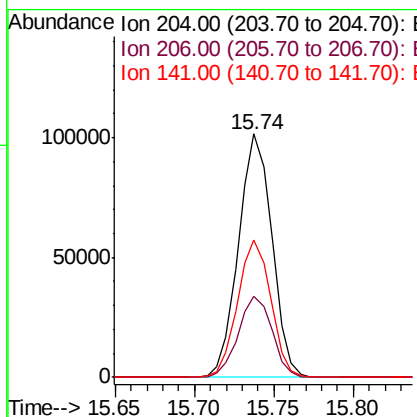
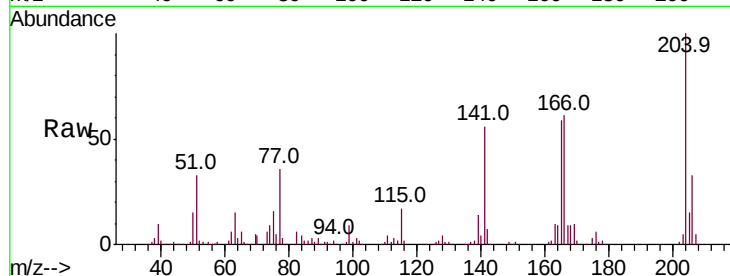
#61  
 4-Chlorophenyl-phenylether  
 Concen: 49.662 ng  
 RT: 15.74 min Scan# 2119  
 Delta R.T. -0.01 min  
 Lab File: BG038475.D  
 Acq: 11 Dec 2018 18:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-02-121018-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 148548 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 33.2  | 26.6  | 39.8   |
| 141       | 56.2  | 45.4  | 68.2   |

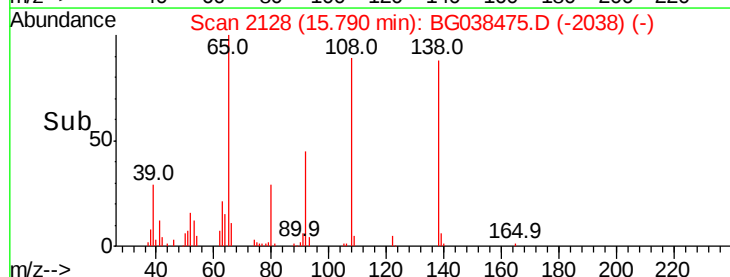
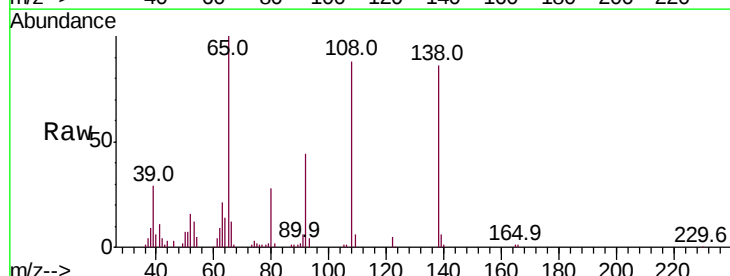
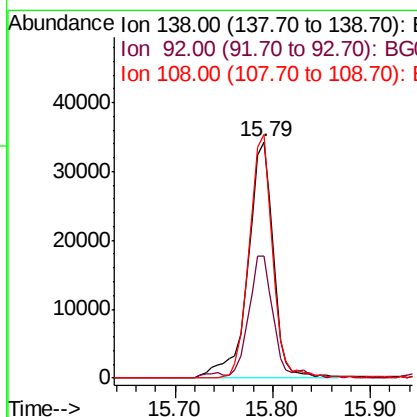
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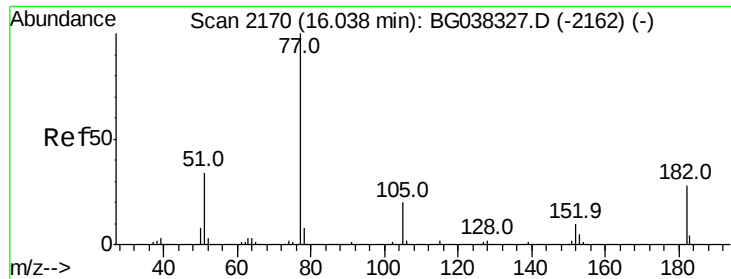
Sohil  
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#62  
 4-Nitroaniline  
 Concen: 45.809 ng  
 RT: 15.79 min Scan# 2128  
 Delta R.T. -0.00 min  
 Lab File: BG038475.D  
 Acq: 11 Dec 2018 18:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 62071  |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 51.5  | 36.4  | 76.4   |
| 108       | 103.0 | 60.1  | 100.1# |





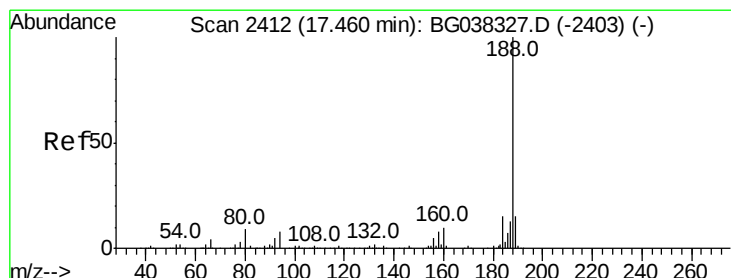
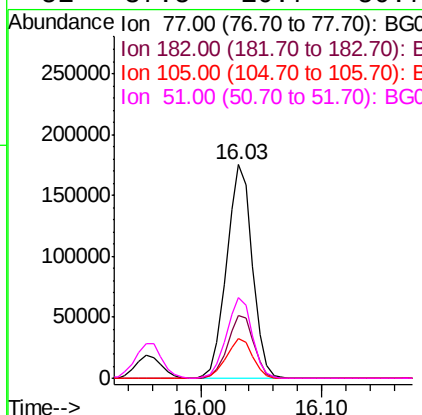
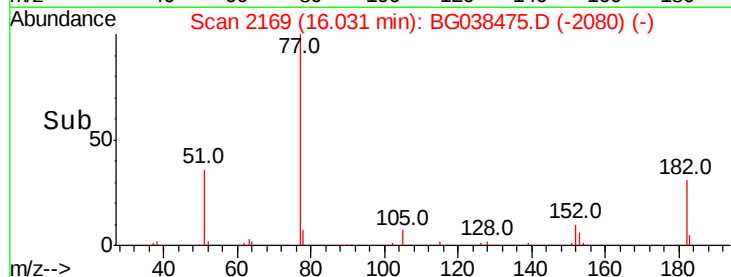
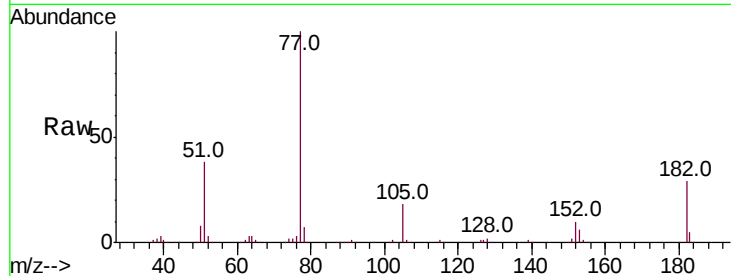
#63  
Azobenzene  
Concen: 47.542 ng  
RT: 16.03 min Scan# 2169  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 77      | 100  |       | 258127 |       |       |
| 182     | 29.1 | 8.0   | 48.0   |       |       |
| 105     | 18.3 | 1.3   | 41.3   |       |       |
| 51      | 37.5 | 10.7  | 50.7   |       |       |

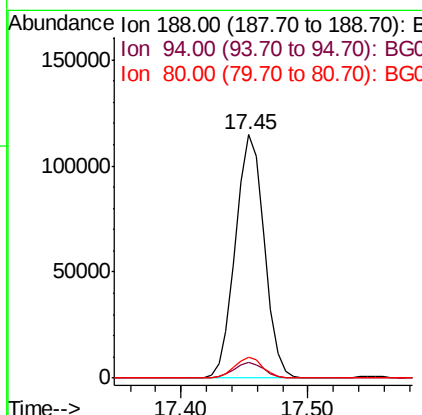
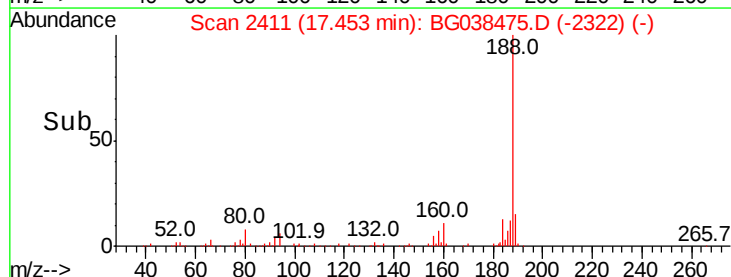
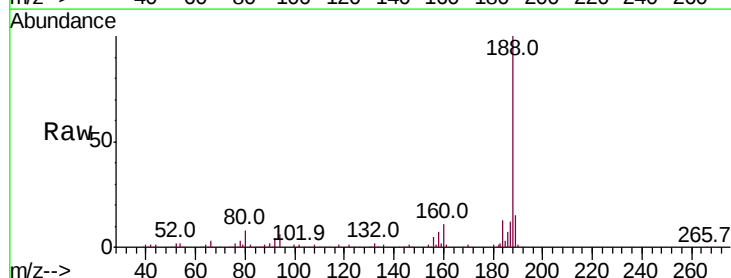
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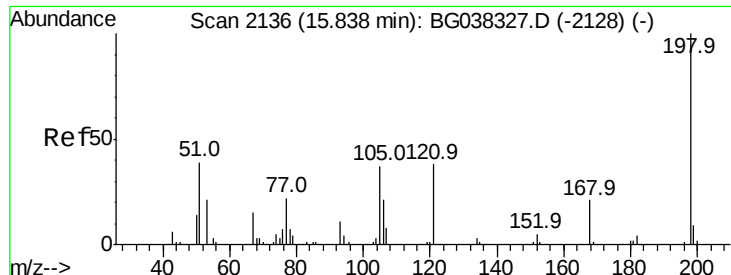
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#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.45 min Scan# 2411  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ion | Ratio | Resp   | Lower | Upper |
|---------|-----|-------|--------|-------|-------|
| 188     | 100 |       | 179850 |       |       |
| 94      | 6.5 | 7.2   | 10.8#  |       |       |
| 80      | 8.4 | 7.7   | 11.5   |       |       |





#65

4,6-Dinitro-2-methylphenol

Concen: 37.020 ng

RT: 15.83 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

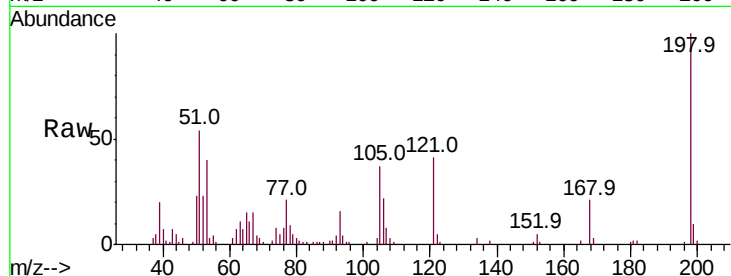
ClientSampleId :

OR-02-121018-AMS

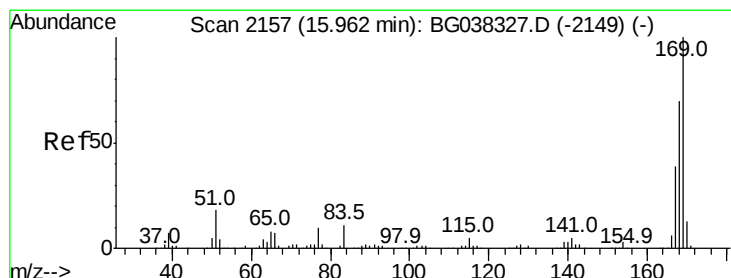
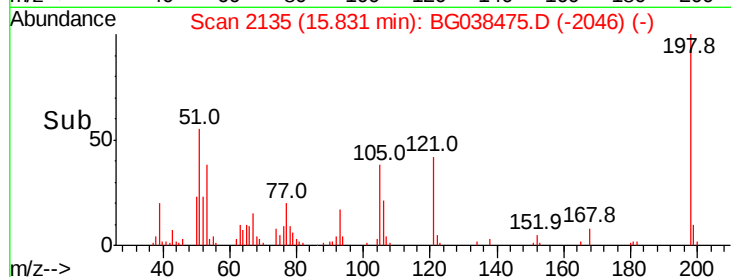
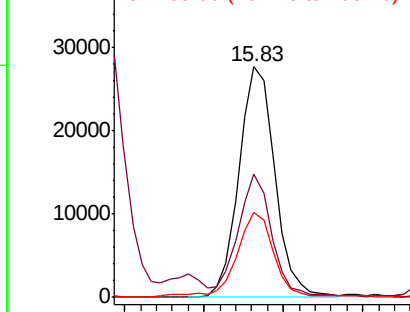
|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 198   | Resp: | 43624 |
| Ion Ratio | Lower | Upper |       |
| 198       | 100   |       |       |
| 51        | 53.6  | 22.7  | 62.7  |
| 105       | 37.0  | 19.7  | 59.7  |

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Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.223 ng

RT: 15.96 min Scan# 2157

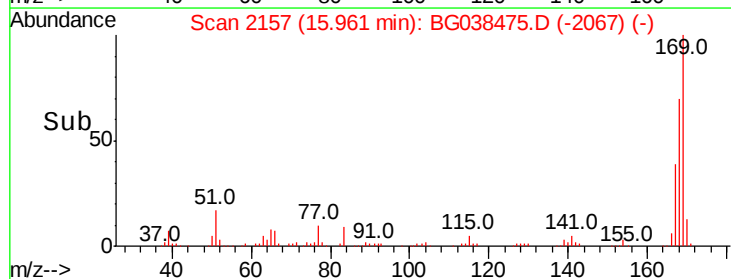
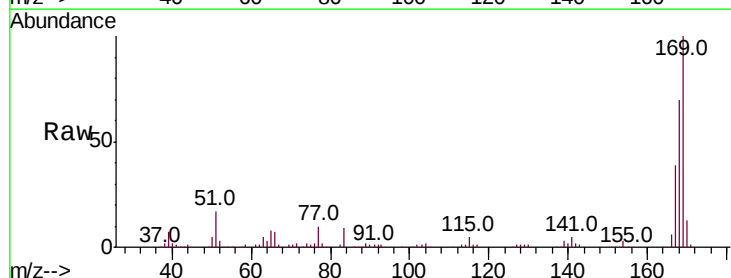
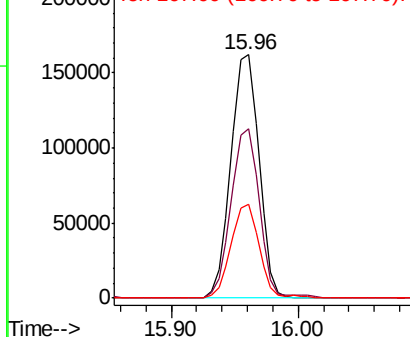
Delta R.T. -0.00 min

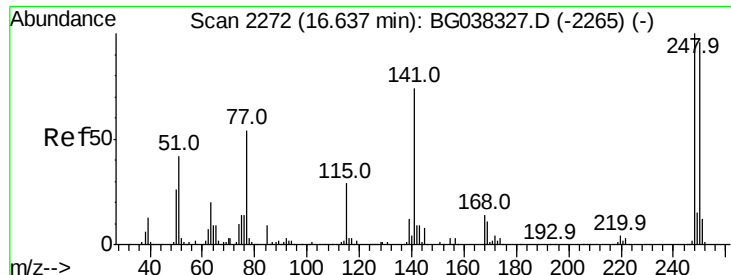
Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 169   | Resp: | 248941 |
| Ion Ratio | Lower | Upper |        |
| 169       | 100   |       |        |
| 168       | 69.6  | 55.7  | 83.5   |
| 167       | 38.7  | 31.3  | 46.9   |

Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 51.428 ng

RT: 16.64 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

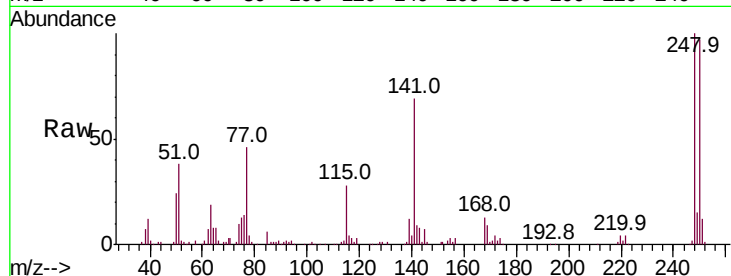
ClientSampleId :

OR-02-121018-AMS

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 248   | Resp: | 99884 |
| Ion Ratio | Lower | Upper |       |
| 248       | 100   |       |       |
| 250       | 96.5  | 77.0  | 115.6 |
| 141       | 69.5  | 55.5  | 83.3  |

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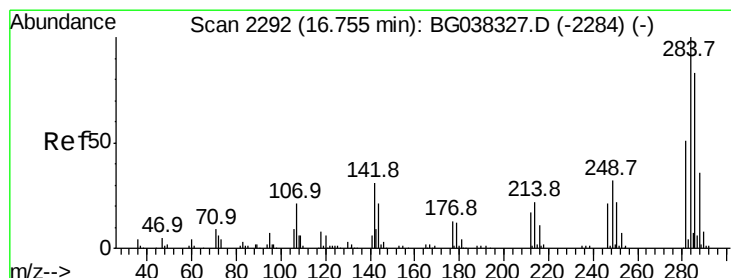
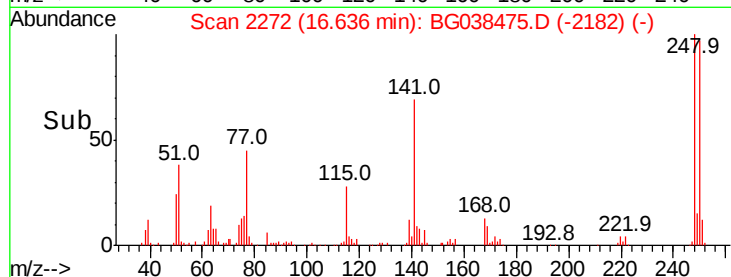
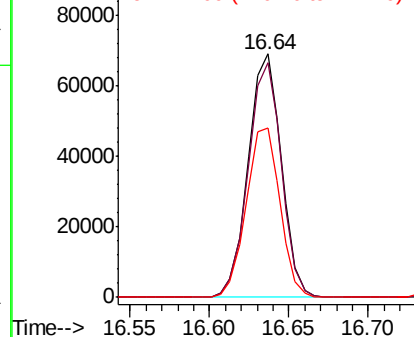


Abundance

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: 51.069 ng

RT: 16.75 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

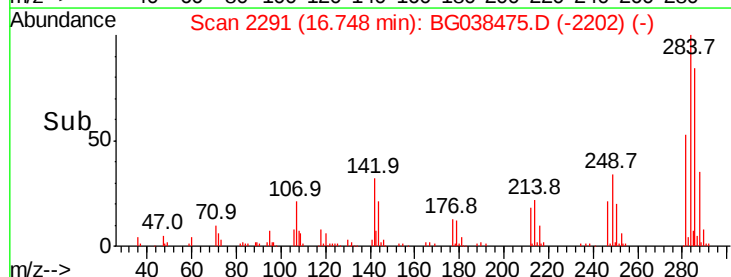
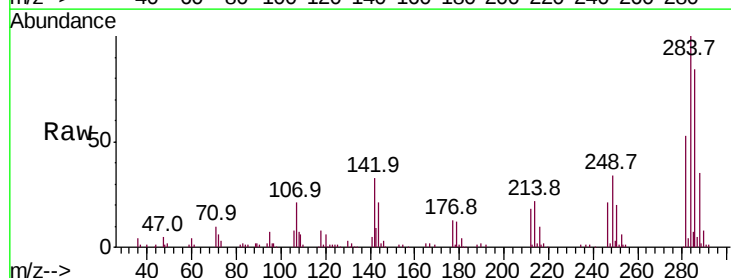
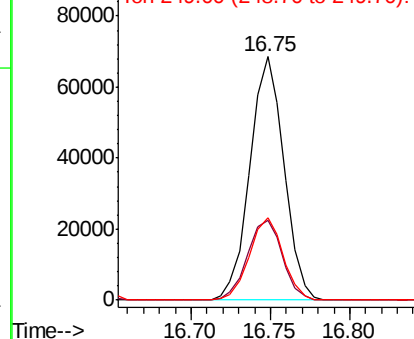
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 284   | Resp: | 102307 |
| Ion Ratio | Lower | Upper |        |
| 284       | 100   |       |        |
| 142       | 32.8  | 28.1  | 42.1   |
| 249       | 36.6  | 29.8  | 44.8   |

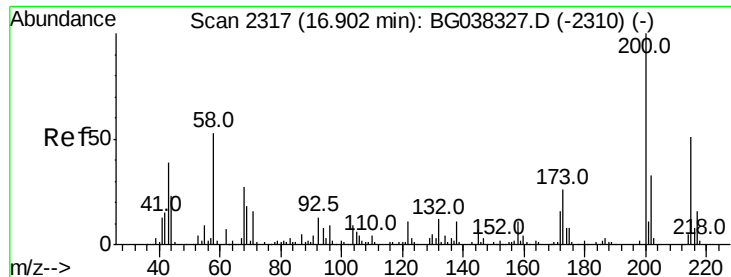
Abundance

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





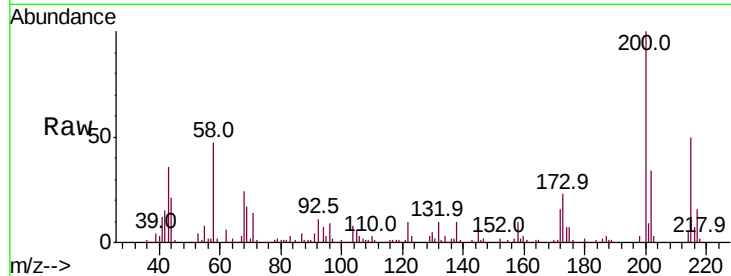
#69  
Atrazine  
Concen: 53.595 ng  
RT: 16.90 min Scan# 2317  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 200     | 100   |            |       |
| 173     | 23.2  | 6.1        | 46.1  |
| 215     | 49.7  | 30.8       | 70.8  |

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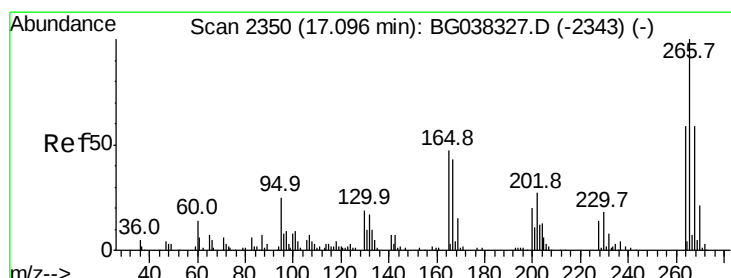
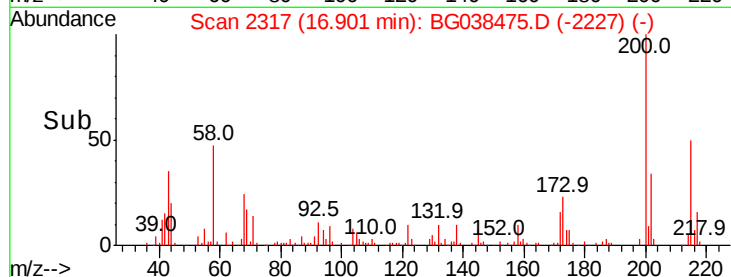
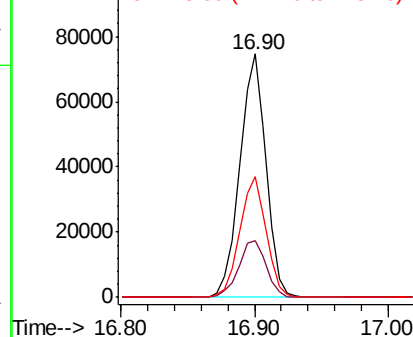


Abundance

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: 68.416 ng  
RT: 17.09 min Scan# 2350  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

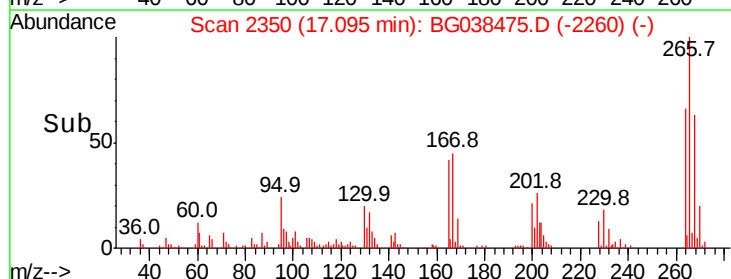
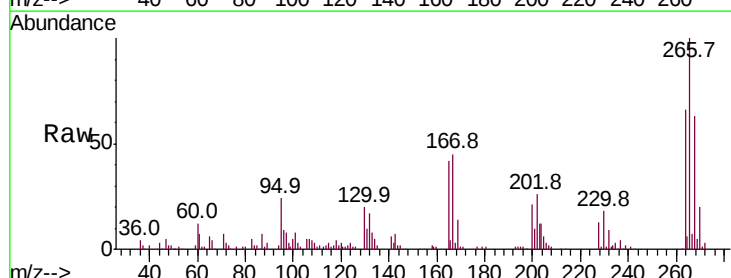
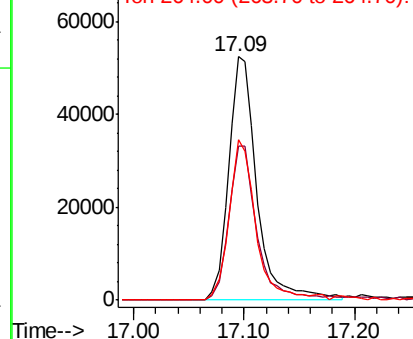
| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 266     | 100   |            |       |
| 268     | 67.6  | 55.0       | 82.6  |
| 264     | 71.7  | 58.9       | 88.3  |

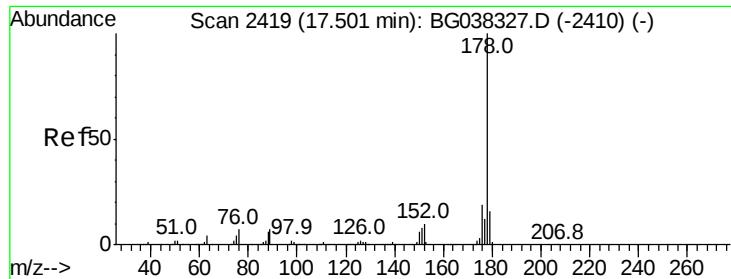
Abundance

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





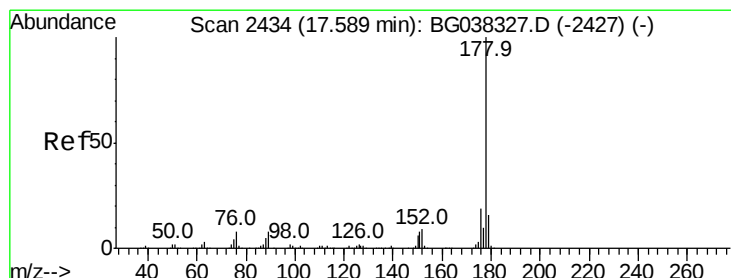
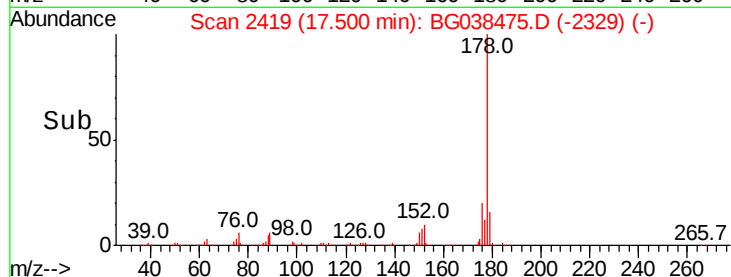
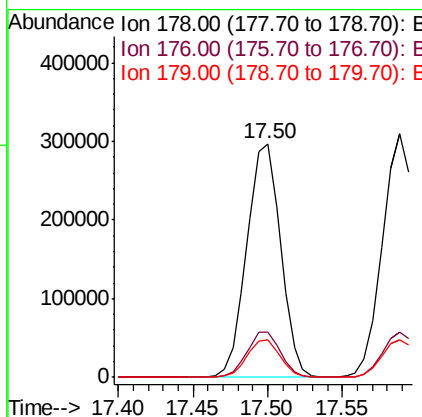
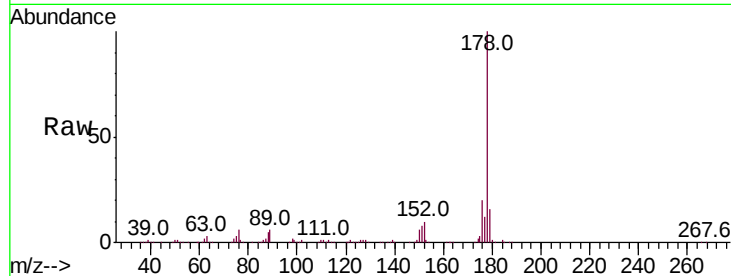
#71  
Phenanthrene  
Concen: 51.651 ng  
RT: 17.50 min Scan# 2419  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 19.6  | 16.1  | 24.1  |
| 179     | 16.2  | 13.0  | 19.4  |

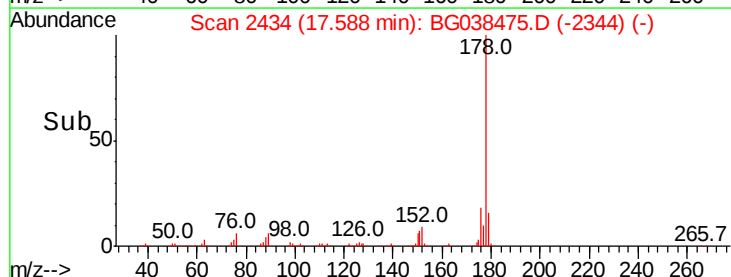
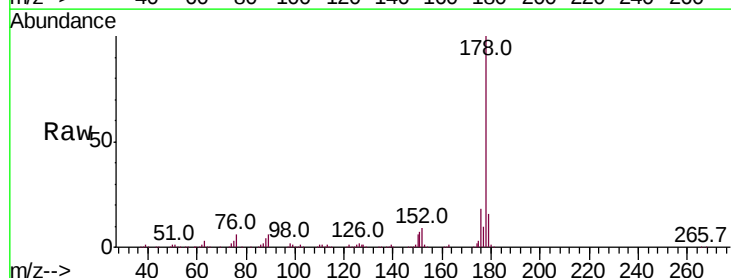
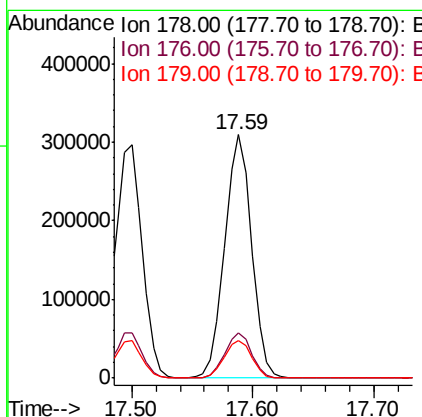
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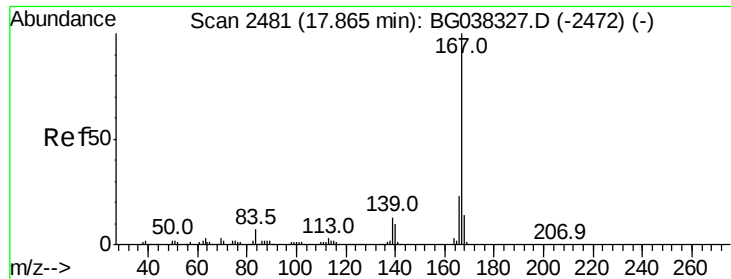
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#72  
Anthracene  
Concen: 54.614 ng  
RT: 17.59 min Scan# 2434  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.5  | 15.0  | 22.4  |
| 179     | 15.7  | 12.8  | 19.2  |





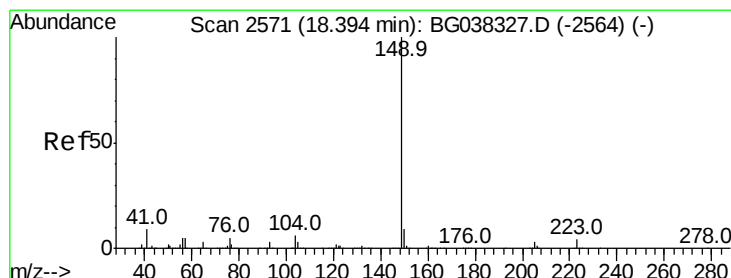
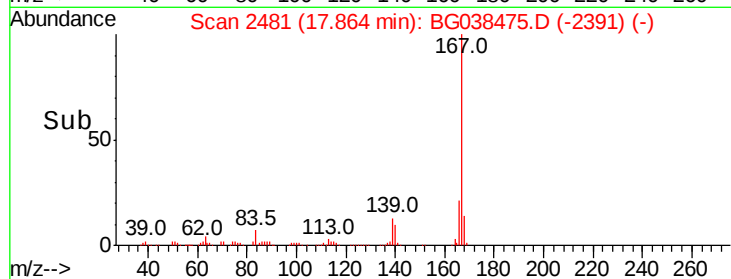
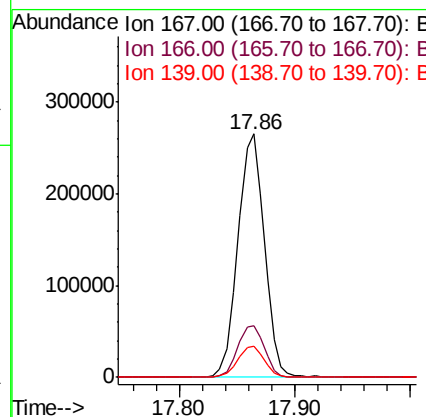
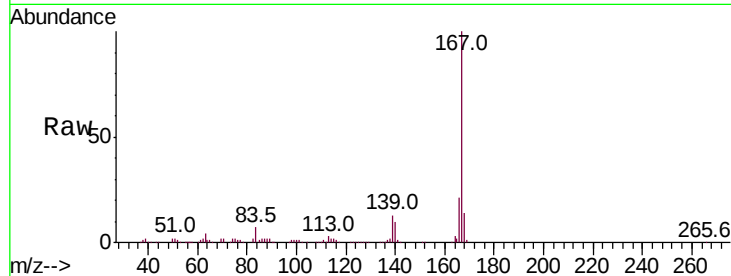
#73  
 Carbazole  
 Concen: 48.766 ng  
 RT: 17.86 min Scan# 2481  
 Delta R.T. -0.00 min  
 Lab File: BG038475.D  
 Acq: 11 Dec 2018 18:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.0  | 18.3  | 27.5  |
| 139     | 12.7  | 10.5  | 15.7  |

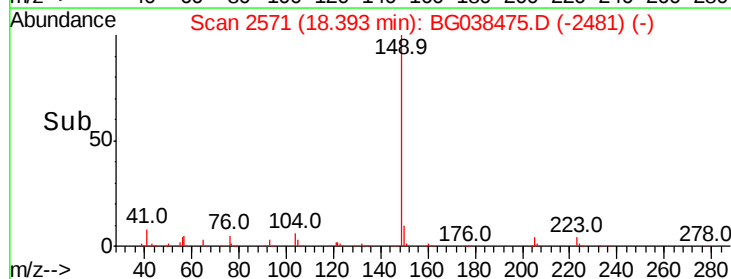
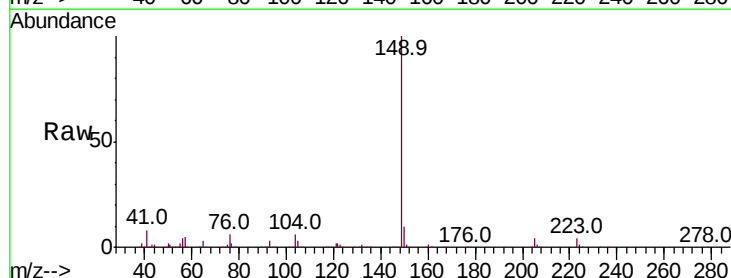
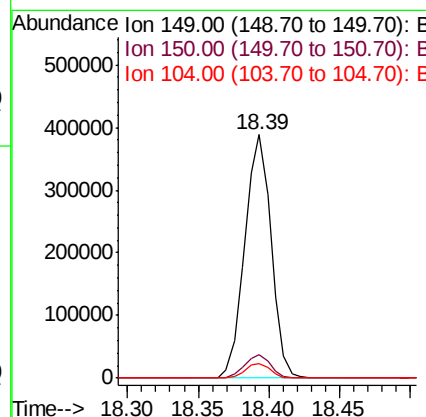
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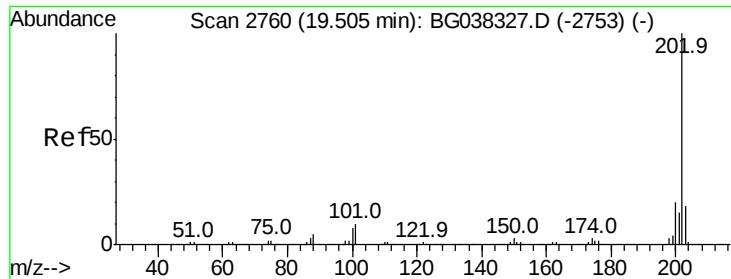
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#74  
 Di-n-butylphthalate  
 Concen: 50.199 ng  
 RT: 18.39 min Scan# 2571  
 Delta R.T. -0.00 min  
 Lab File: BG038475.D  
 Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.6   | 8.2   | 12.2  |
| 104     | 5.8   | 4.0   | 6.0   |





#75

Fluoranthene

Concen: 54.275 ng

RT: 19.50 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

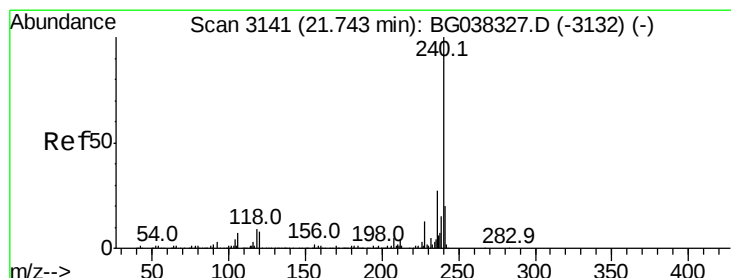
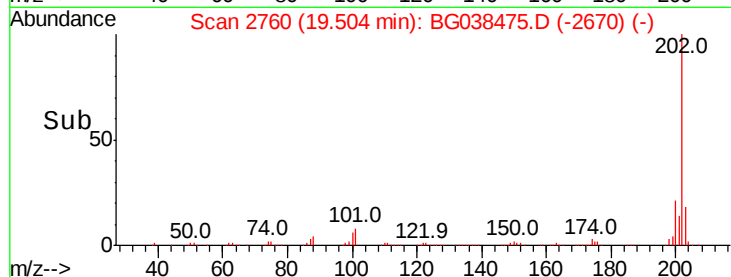
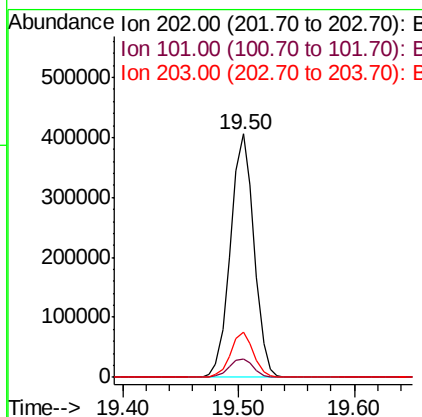
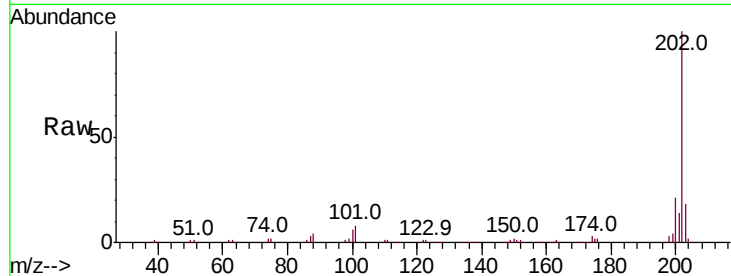
ClientSampleId :

OR-02-121018-AMS

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 202     | 100   |            |       |
| 101     | 7.6   | 0.0        | 30.7  |
| 203     | 18.4  | 0.0        | 38.5  |

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#76

Chrysene-d12

Concen: 20.000 ng

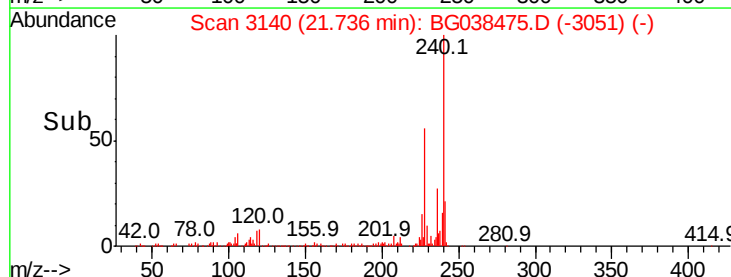
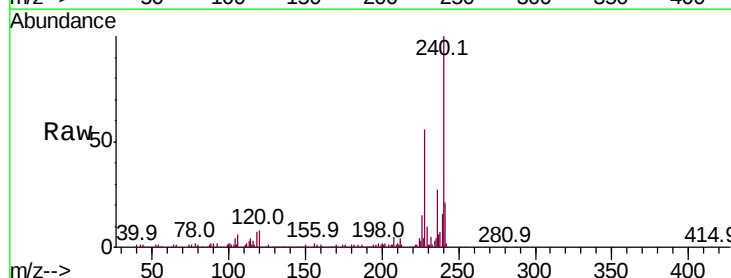
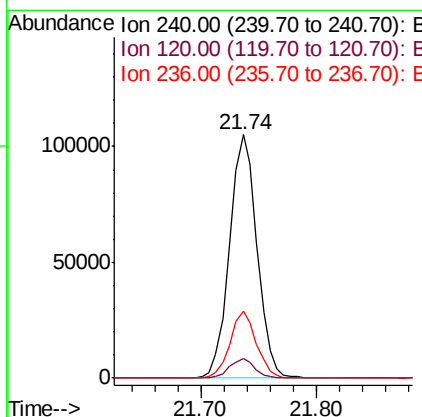
RT: 21.74 min Scan# 3140

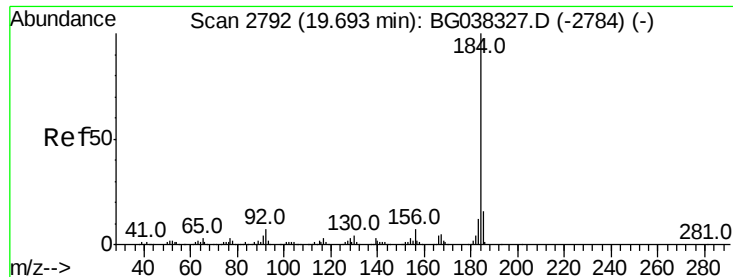
Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 240     | 100   |            |       |
| 120     | 8.0   | 8.1        | 12.1# |
| 236     | 27.3  | 21.4       | 32.0  |





#77

Benzidine

Concen: 18.461 ng

RT: 19.69 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

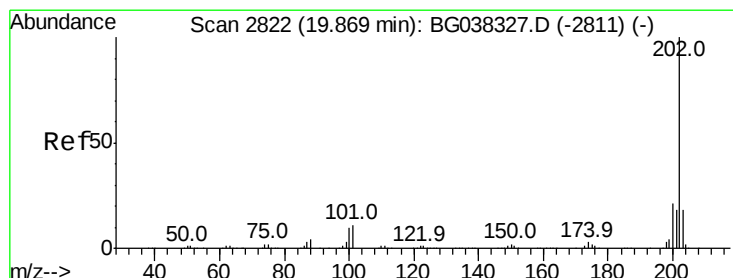
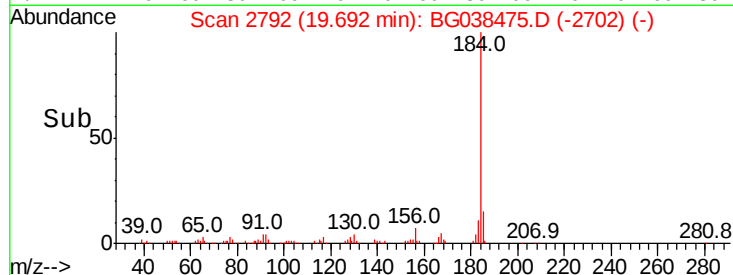
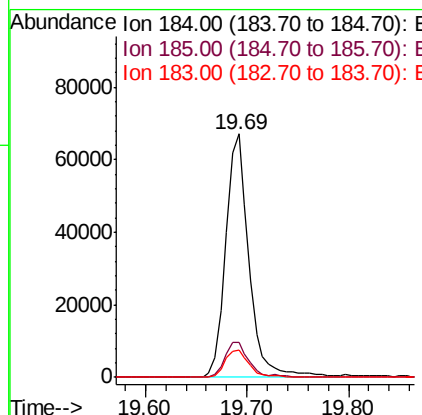
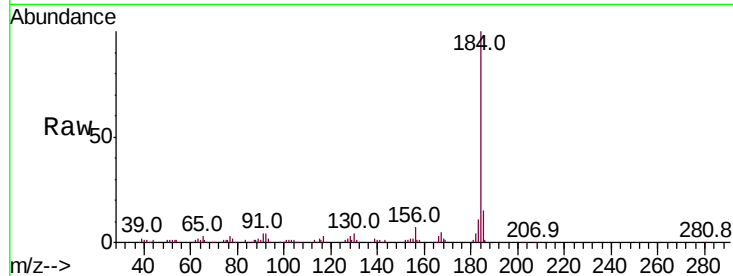
ClientSampleId :

OR-02-121018-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 184   | Resp: | 107289 |
| Ion Ratio | Lower | Upper |        |
| 184       | 100   |       |        |
| 185       | 14.6  | 12.6  | 18.8   |
| 183       | 11.4  | 10.2  | 15.2   |

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#78

Pyrene

Concen: 47.249 ng

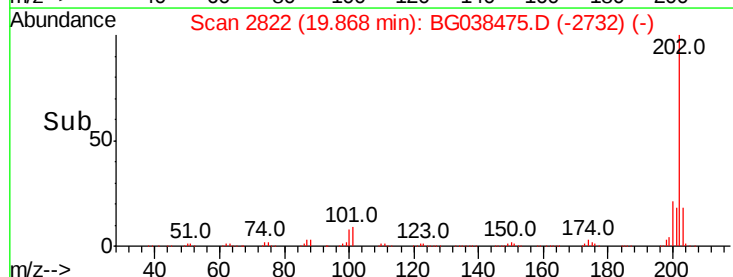
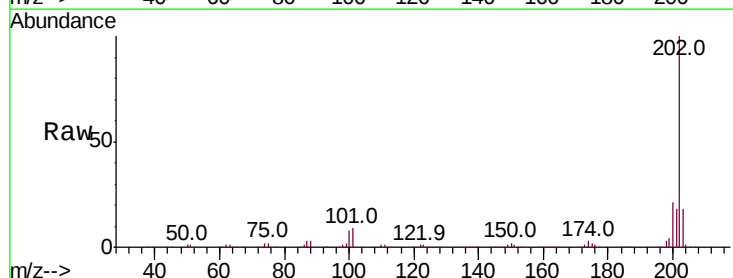
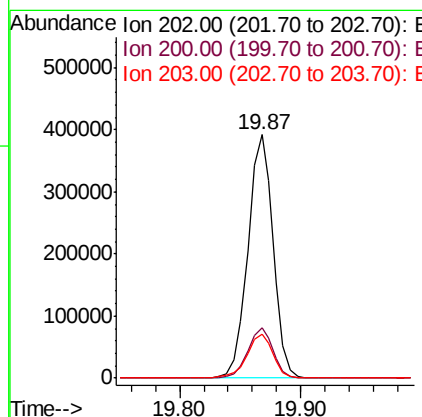
RT: 19.87 min Scan# 2822

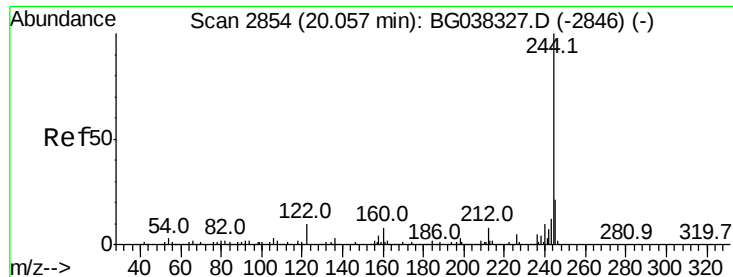
Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 202   | Resp: | 569370 |
| Ion Ratio | Lower | Upper |        |
| 202       | 100   |       |        |
| 200       | 20.8  | 17.8  | 26.6   |
| 203       | 18.0  | 15.2  | 22.8   |





#79

Terphenyl-d14

Concen: 104.556 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

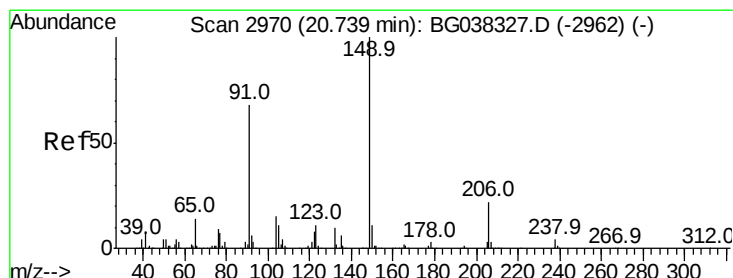
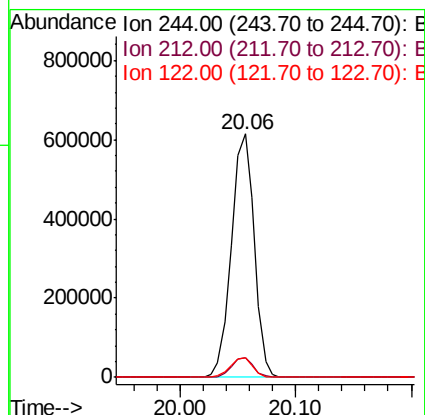
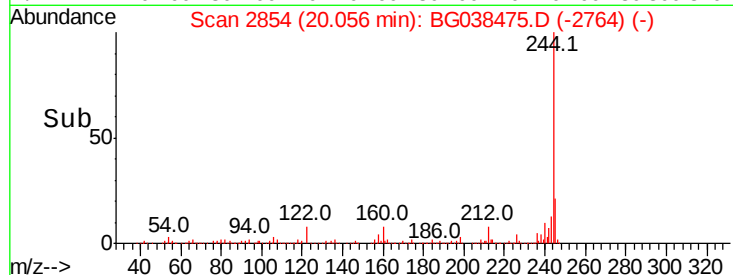
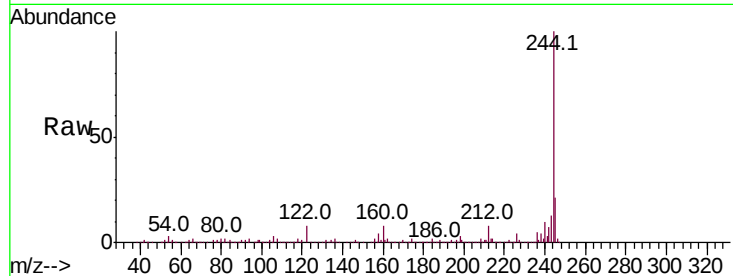
ClientSampleId :

OR-02-121018-AMS

|           |     |       |        |
|-----------|-----|-------|--------|
| Tot Ion:  | 244 | Resp: | 840590 |
| Ion Ratio |     | Lower | Upper  |
| 244       | 100 |       |        |
| 212       | 8.0 | 6.5   | 9.7    |
| 122       | 7.9 | 9.0   | 13.4#  |

Manual Integrations  
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#80

Butylbenzylphthalate

Concen: 46.911 ng

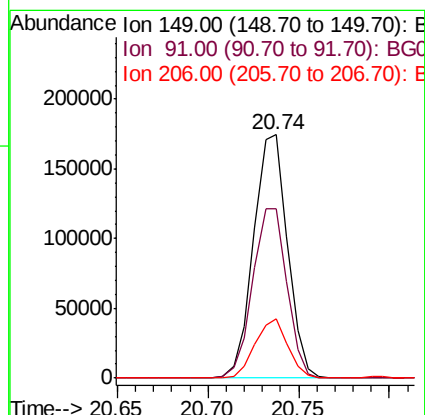
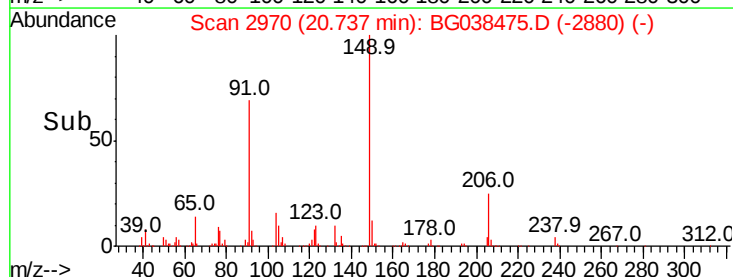
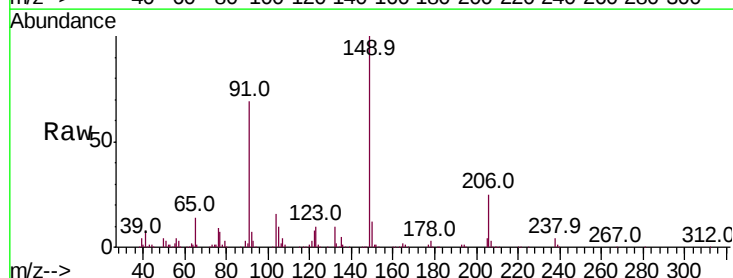
RT: 20.74 min Scan# 2970

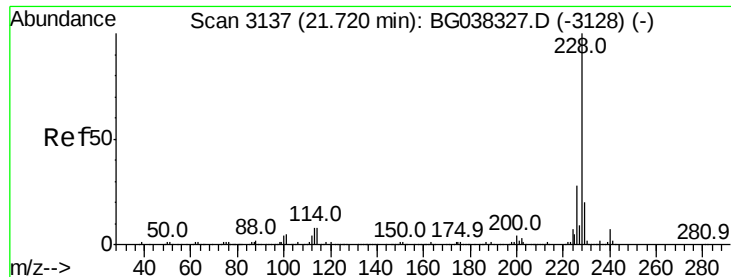
Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 149  | Resp: | 227365 |
| Ion Ratio |      | Lower | Upper  |
| 149       | 100  |       |        |
| 91        | 69.5 | 57.0  | 85.4   |
| 206       | 24.5 | 17.8  | 26.6   |





#81

Benzo(a)anthracene

Concen: 51.673 ng

RT: 21.72 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

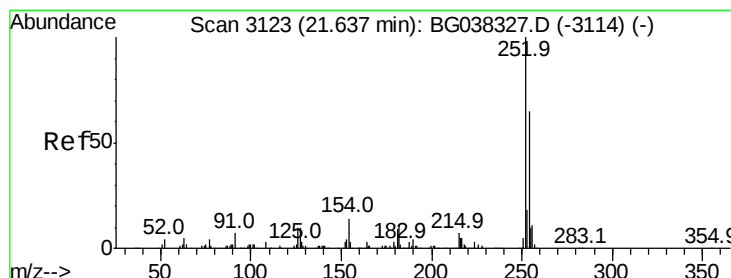
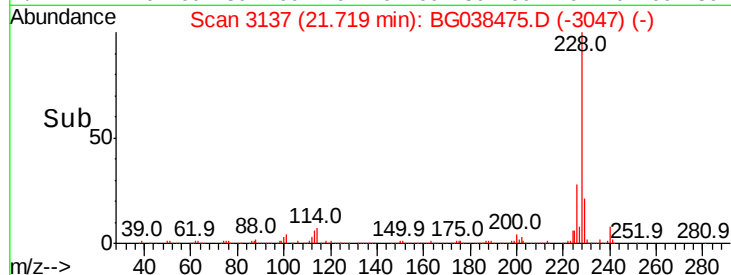
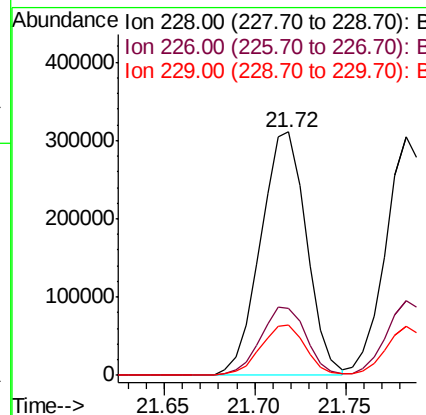
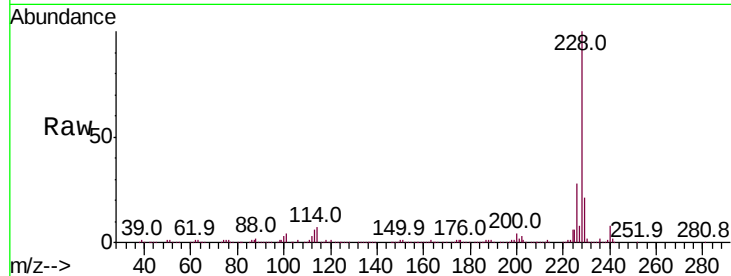
ClientSampleId :

OR-02-121018-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 228   | Resp: | 546981 |
| Ion Ratio | Lower | Upper |        |
| 228       | 100   |       |        |
| 226       | 27.6  | 22.6  | 33.8   |
| 229       | 20.8  | 16.3  | 24.5   |

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12/12/2018 5:38:40 PM



#82

3,3'-Dichlorobenzidine

Concen: 18.427 ng

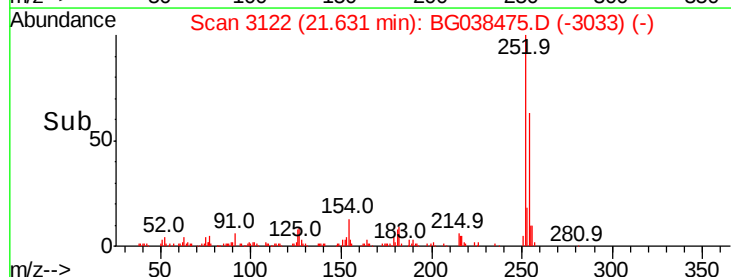
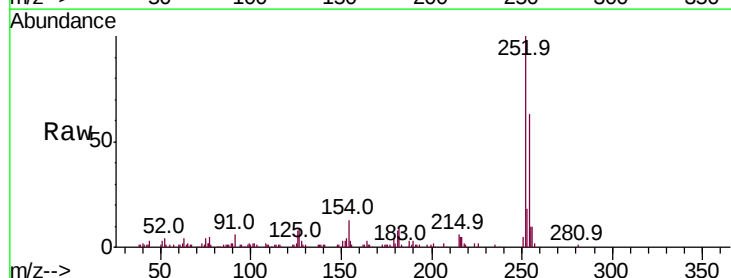
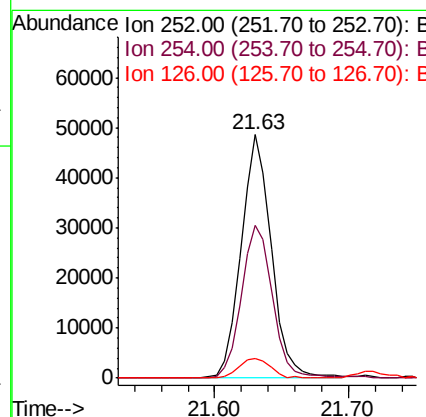
RT: 21.63 min Scan# 3122

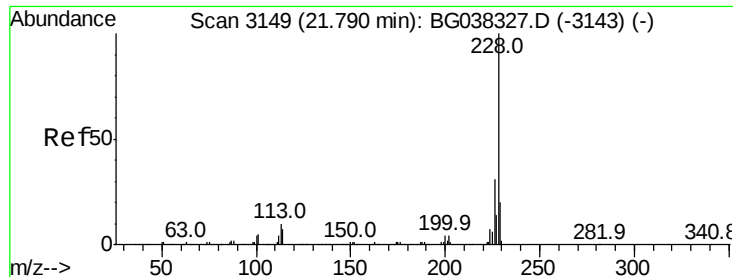
Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 252   | Resp: | 75880 |
| Ion Ratio | Lower | Upper |       |
| 252       | 100   |       |       |
| 254       | 62.6  | 52.0  | 78.0  |
| 126       | 7.9   | 8.2   | 12.4# |





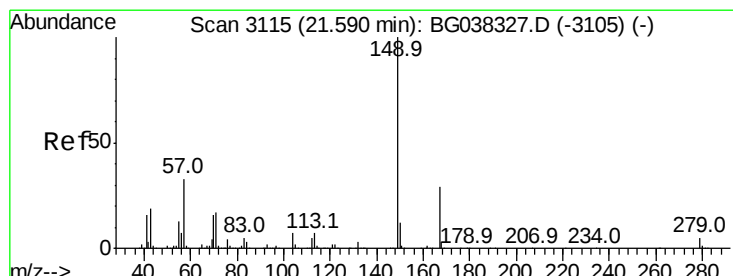
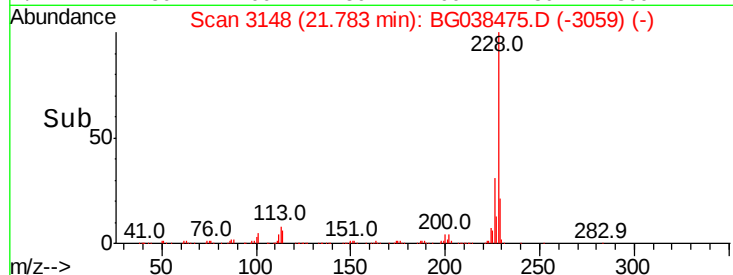
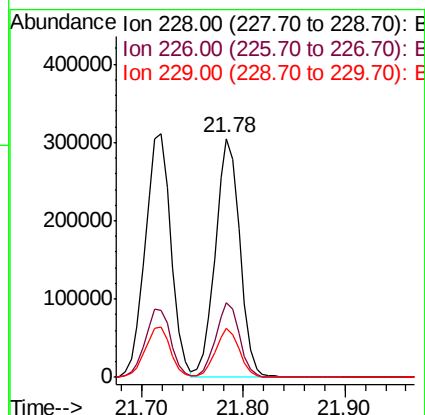
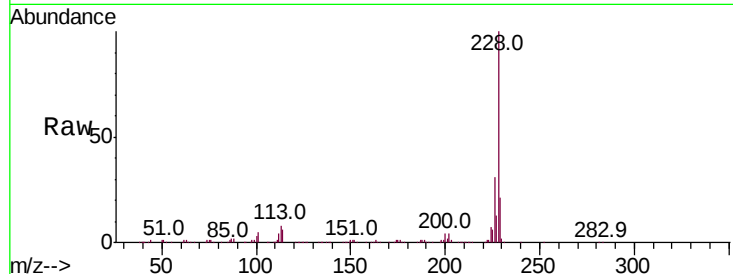
#83  
 Chrvsene  
 Concen: 50.809 ng  
 RT: 21.78 min Scan# 3148  
 Delta R.T. -0.01 min  
 Lab File: BG038475.D  
 Acq: 11 Dec 2018 18:39

Instrument :  
 BNA\_G  
 ClientSampleId :  
 OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.3  | 25.7  | 38.5  |
| 229     | 20.5  | 16.5  | 24.7  |

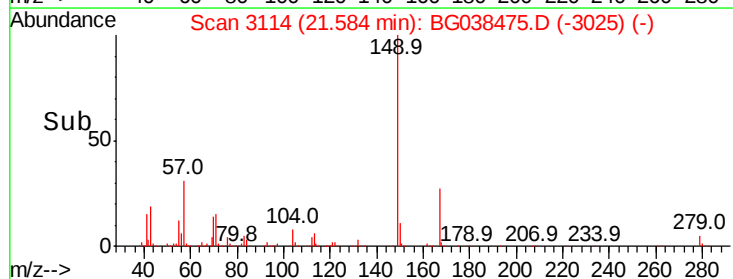
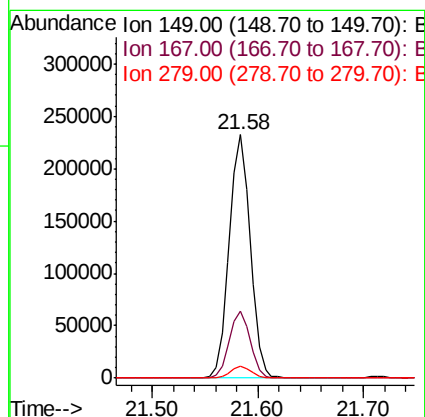
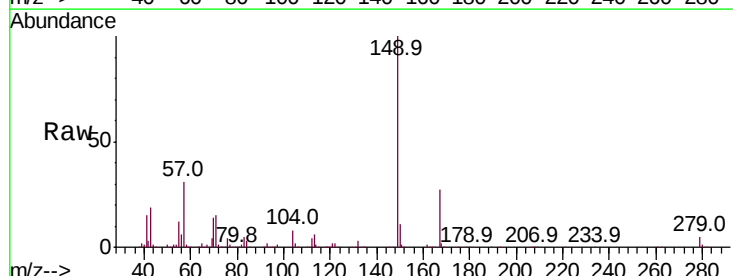
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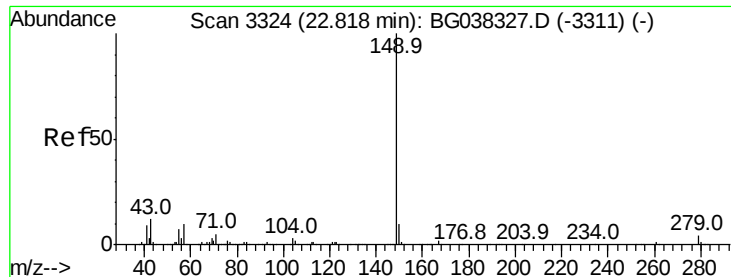
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#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.630 ng  
 RT: 21.58 min Scan# 3114  
 Delta R.T. -0.01 min  
 Lab File: BG038475.D  
 Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.4  | 23.0  | 34.4  |
| 279     | 4.7   | 3.6   | 5.4   |





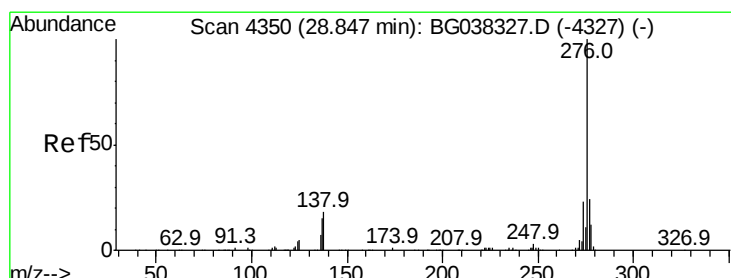
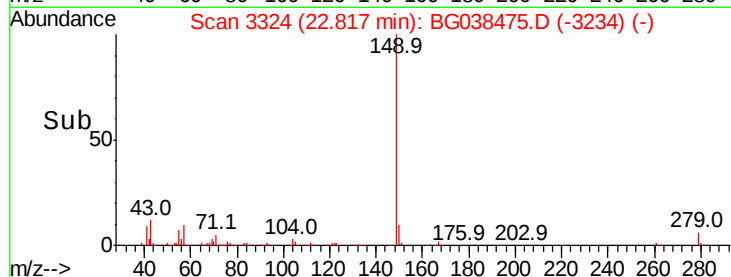
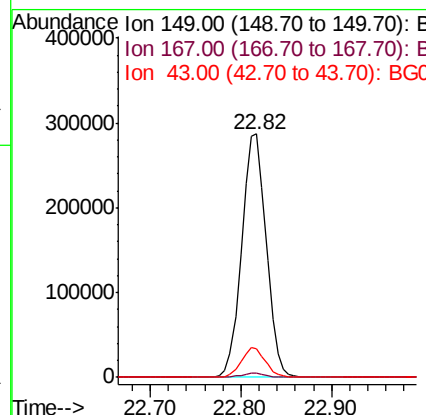
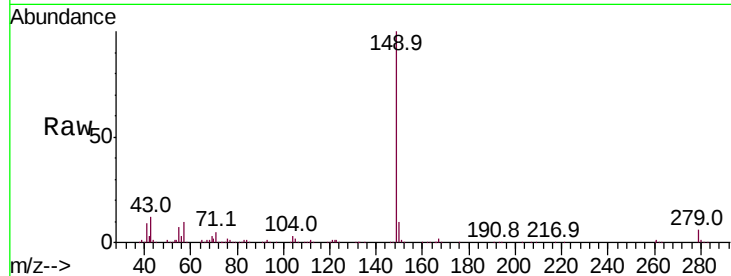
#85  
Di-n-octyl phthalate  
Concen: 45.850 ng  
RT: 22.82 min Scan# 3324  
Delta R.T. -0.00 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 149     | 100   | 540086 |       |       |
| 167     | 1.7   |        | 1.3   | 1.9   |
| 43      | 11.9  |        | 8.7   | 13.1  |

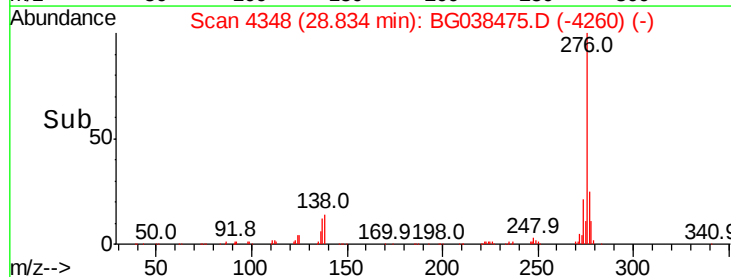
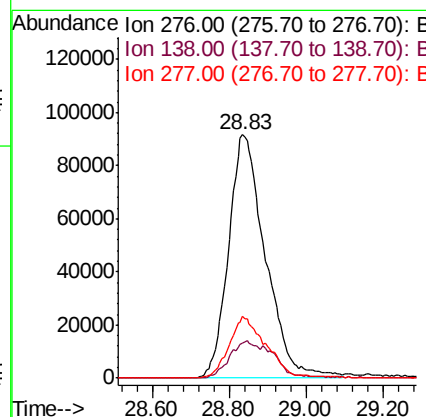
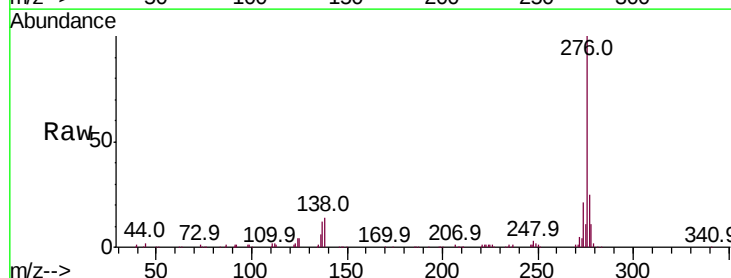
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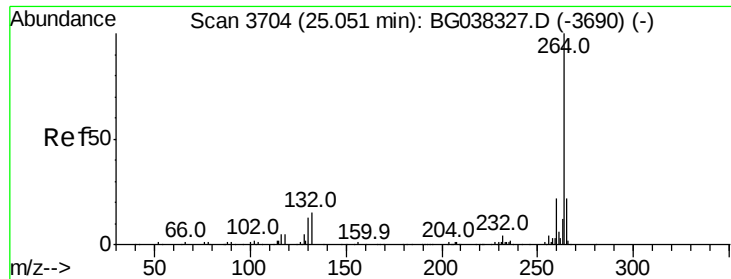
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#86  
Indeno(1,2,3-cd)pyrene  
Concen: 53.623 ng  
RT: 28.83 min Scan# 4348  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 276     | 100   | 610449 |       |       |
| 138     | 11.6  |        | 12.0  | 18.0# |
| 277     | 25.4  |        | 20.6  | 30.8  |





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3703

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

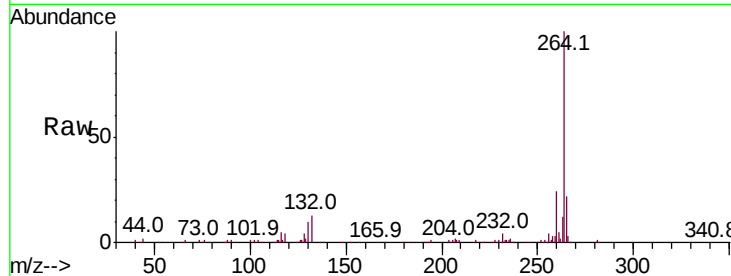
ClientSampleId :

OR-02-121018-AMS

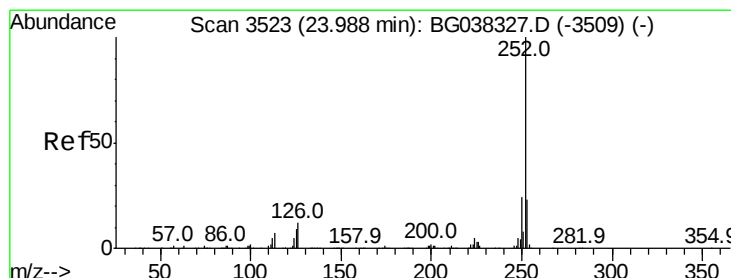
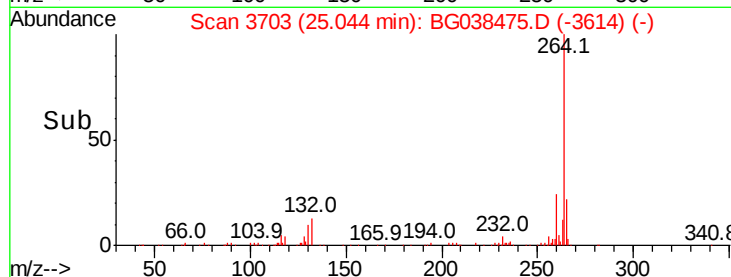
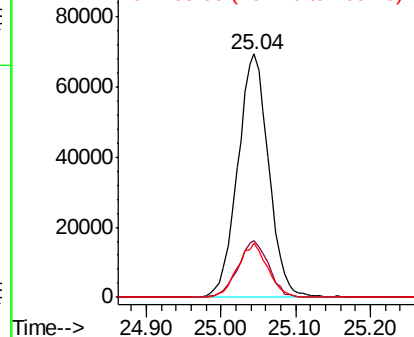
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 264   | Resp: | 199751 |
| Ion Ratio | Lower | Upper |        |
| 264       | 100   |       |        |
| 260       | 23.5  | 18.2  | 27.4   |
| 265       | 22.4  | 17.9  | 26.9   |

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Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.518 ng

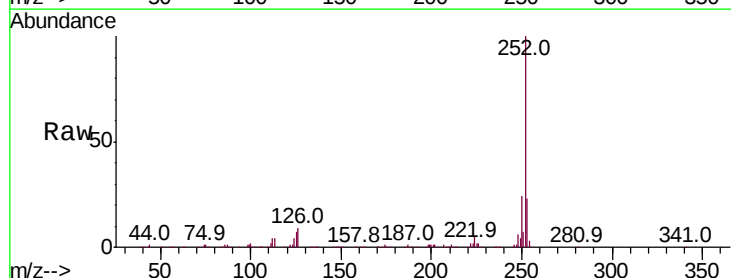
RT: 23.99 min Scan# 3523

Delta R.T. -0.00 min

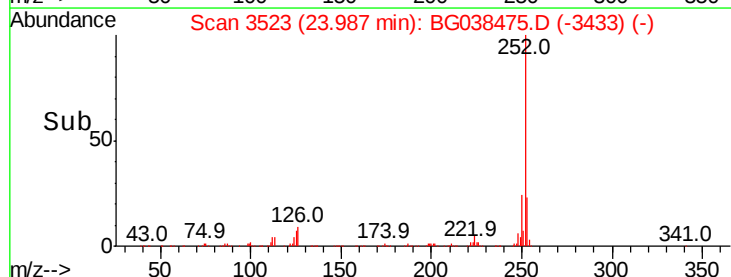
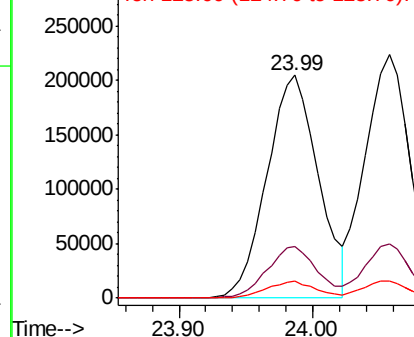
Lab File: BG038475.D

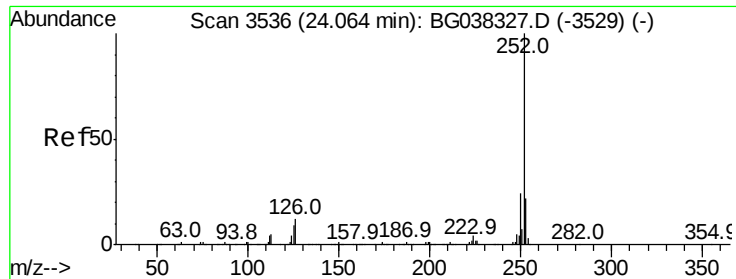
Acq: 11 Dec 2018 18:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 252   | Resp: | 547604 |
| Ion Ratio | Lower | Upper |        |
| 252       | 100   |       |        |
| 253       | 23.0  | 18.2  | 27.2   |
| 125       | 7.4   | 7.8   | 11.6#  |



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





#89

Benzo(k)fluoranthene

Concen: 47.182 ng/mL

RT: 24.06 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

Instrument :

BNA\_G

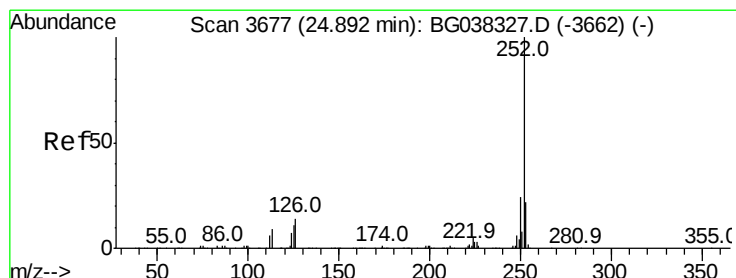
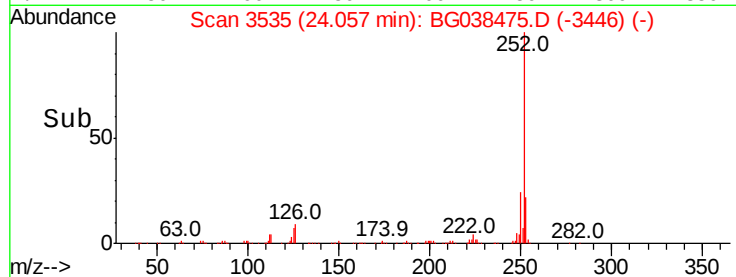
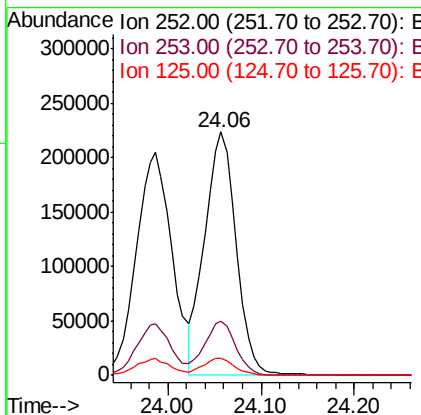
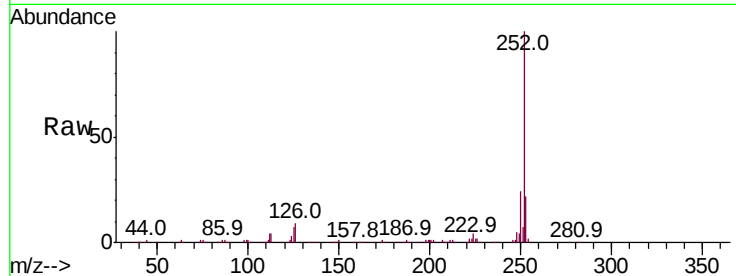
ClientSampleId :

OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.1  | 17.4  | 26.2  |
| 125     | 6.9   | 7.4   | 11.0  |

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#90

Benzo(a)pyrene

Concen: 57.967 ng/mL

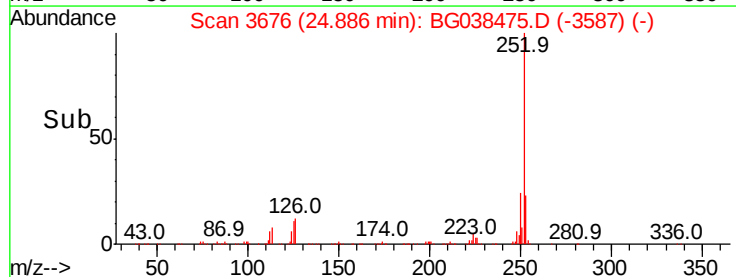
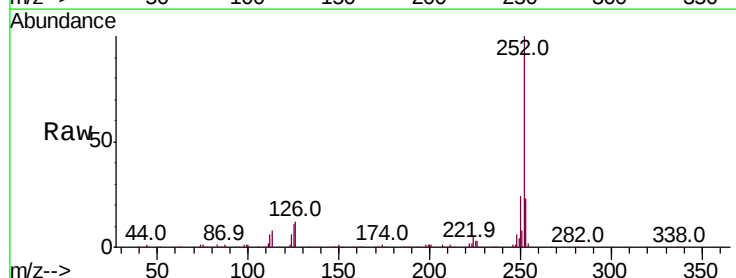
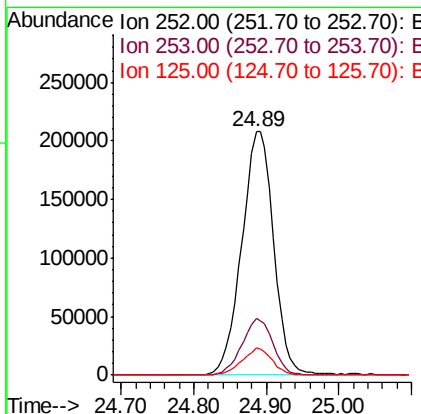
RT: 24.89 min Scan# 3676

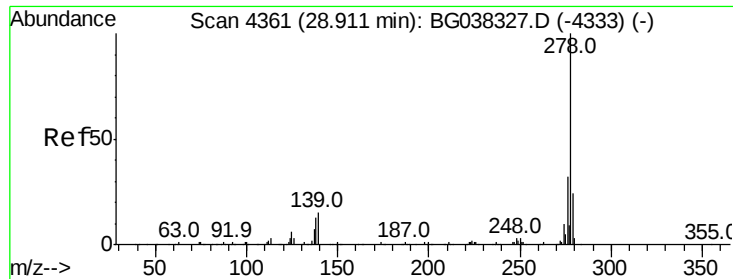
Delta R.T. -0.01 min

Lab File: BG038475.D

Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.1  | 17.4  | 26.2  |
| 125     | 11.3  | 9.0   | 13.6  |





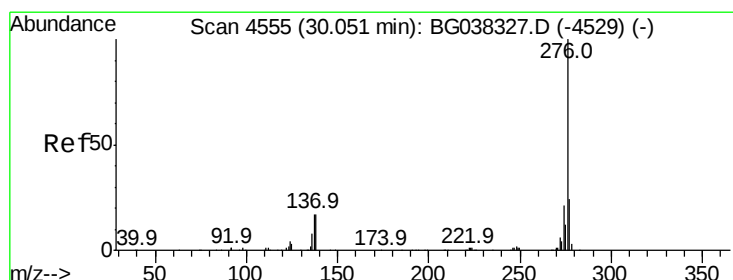
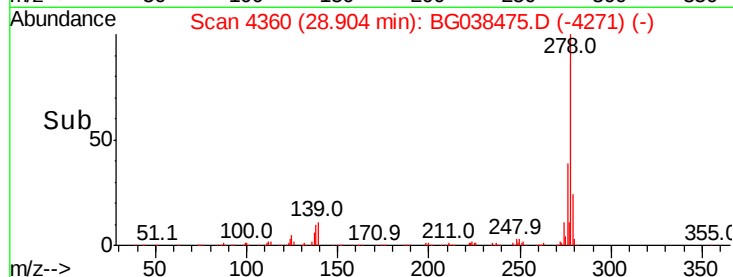
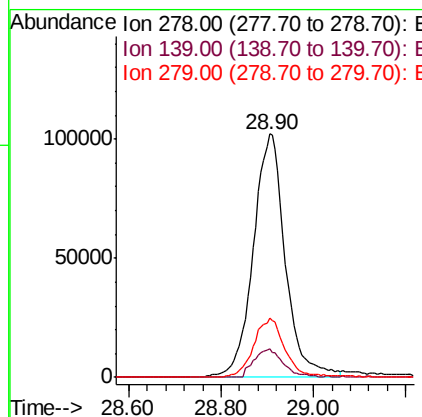
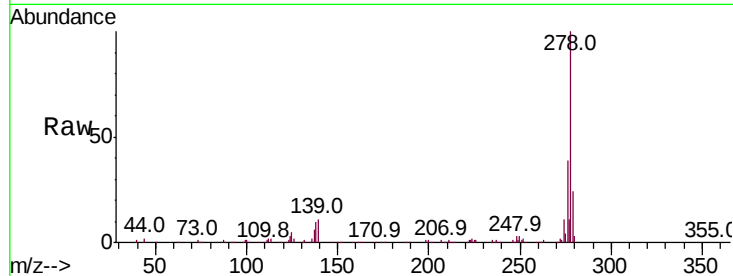
#91  
Dibenzo(a,h)anthracene  
Concen: 47.429 ng  
RT: 28.90 min Scan# 4360  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

Instrument :  
BNA\_G  
ClientSampleId :  
OR-02-121018-AMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 11.5  | 11.5  | 17.3# |
| 279     | 24.2  | 18.6  | 27.8  |

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#92  
Benzo(g,h,i)perylene  
Concen: 48.505 ng  
RT: 30.04 min Scan# 4554  
Delta R.T. -0.01 min  
Lab File: BG038475.D  
Acq: 11 Dec 2018 18:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.7  | 18.9  | 28.3  |
| 138     | 14.7  | 17.2  | 25.8# |

