

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\  
 Data File : BG041084.D  
 Acq On : 6 Jun 2019 10:30  
 Operator : HP/JU  
 Sample : PB120328BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120328BS

Quant Time: Jun 06 23:14:58 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 29 18:39:57 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 40304    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.94 | 136  | 140506   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.74 | 164  | 95465    | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.49 | 188  | 244335   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.77 | 240  | 273395   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 25.10 | 264  | 301060   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.65  | 112 | 283265  | 126.73 | ng | 0.00  |
| 7) Phenol-d6             | 7.26  | 99  | 376130  | 108.96 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.29  | 82  | 263979  | 83.41  | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.23 | 330 | 186696  | 131.73 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.36 | 172 | 577686  | 87.14  | ng | -0.02 |
| 79) Terphenyl-d14        | 20.08 | 244 | 1088374 | 84.49  | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.50  | 88  | 41835  | 41.247 | ng | 95     |
| 3) Pyridine                    | 3.92  | 79  | 111336 | 37.098 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.84  | 42  | 61936  | 44.467 | ng | 90     |
| 6) Aniline                     | 7.44  | 93  | 108466 | 23.541 | ng | 98     |
| 8) 2-Chlorophenol              | 7.67  | 128 | 113805 | 42.709 | ng | 97     |
| 9) Benzaldehyde                | 7.25  | 77  | 40265  | 19.554 | ng | # 81   |
| 10) Phenol                     | 7.28  | 94  | 150661 | 40.707 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.53  | 93  | 105934 | 39.454 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 8.00  | 146 | 131948 | 41.459 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.15  | 146 | 133325 | 41.386 | ng | 93     |
| 14) 1,2-Dichlorobenzene        | 8.46  | 146 | 125062 | 39.983 | ng | 97     |
| 15) Benzyl Alcohol             | 8.35  | 79  | 125528 | 39.312 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.63  | 45  | 166977 | 38.058 | ng | 98     |
| 17) 2-Methylphenol             | 8.55  | 107 | 100533 | 37.515 | ng | 98     |
| 18) Hexachloroethane           | 9.20  | 117 | 50899  | 40.994 | ng | 96     |
| 19) n-Nitroso-di-n-propylamine | 8.92  | 70  | 95696  | 36.024 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.87  | 107 | 137853 | 37.137 | ng | 99     |
| 22) Acetophenone               | 8.94  | 105 | 185601 | 47.090 | ng | # 98   |
| 24) Nitrobenzene               | 9.33  | 77  | 151218 | 46.883 | ng | 100    |
| 25) Isophorone                 | 9.84  | 82  | 264505 | 43.914 | ng | 98     |
| 26) 2-Nitrophenol              | 10.04 | 139 | 66783  | 50.225 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.09 | 122 | 111025 | 50.557 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93  | 140200 | 43.127 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.57 | 162 | 122930 | 44.081 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.79 | 180 | 143913 | 45.364 | ng | 97     |
| 31) Naphthalene                | 10.98 | 128 | 342908 | 45.455 | ng | 98     |
| 32) Benzoic acid               | 10.21 | 122 | 55948  | 35.345 | ng | 92     |
| 33) 4-Chloroaniline            | 11.10 | 127 | 84774  | 24.219 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.25 | 225 | 107409 | 44.249 | ng | 98     |
| 35) Caprolactam                | 11.87 | 113 | 39470  | 42.860 | ng | 99     |
| 36) 4-Chloro-3-methylphenol    | 12.20 | 107 | 138734 | 43.560 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.58 | 142 | 253407 | 43.614 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.58 | 142 | 253407 | 46.283 | ng | 96     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 186342 | 48.429 | ng | 99     |

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 Sample : PB120328BS  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

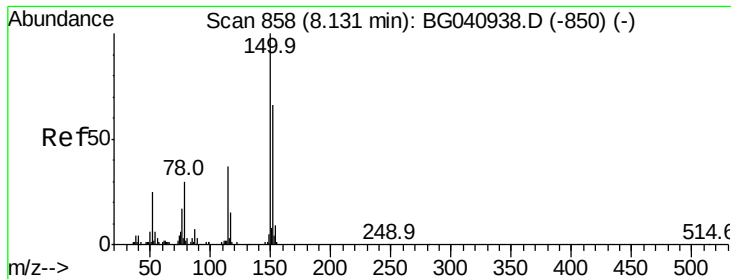
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120328BS

Quant Time: Jun 06 23:14:58 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 29 18:39:57 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.91 | 237  | 225845   | 106.186 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.18 | 196  | 116942   | 46.981  | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.25 | 196  | 123759   | 47.143  | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.58 | 154  | 335988   | 47.547  | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.63 | 162  | 277661   | 45.770  | ng    | 98       |
| 48) 2-Nitroaniline             | 13.83 | 65   | 98601    | 45.306  | ng    | 97       |
| 49) Acenaphthylene             | 14.47 | 152  | 430042   | 47.100  | ng    | 99       |
| 50) Dimethylphthalate          | 14.19 | 163  | 357132   | 44.193  | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.32 | 165  | 80365    | 46.124  | ng    | 96       |
| 52) Acenaphthene               | 14.81 | 154  | 254800   | 46.066  | ng    | 97       |
| 53) 3-Nitroaniline             | 14.66 | 138  | 55762    | 32.005  | ng    | 98       |
| 54) 2,4-Dinitrophenol          | 14.86 | 184  | 88226    | 91.488  | ng    | 97       |
| 55) Dibenzofuran               | 15.14 | 168  | 436529   | 46.903  | ng    | 98       |
| 56) 4-Nitrophenol              | 14.95 | 139  | 122438   | 102.453 | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 15.10 | 165  | 116758   | 47.439  | ng    | 98       |
| 58) Fluorene                   | 15.78 | 166  | 337461   | 45.529  | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.36 | 232  | 128005   | 49.617  | ng    | 98       |
| 60) Diethylphthalate           | 15.54 | 149  | 360568   | 43.721  | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.77 | 204  | 214939   | 44.615  | ng    | 95       |
| 62) 4-Nitroaniline             | 15.82 | 138  | 80844    | 43.829  | ng    | 92       |
| 63) Azobenzene                 | 16.07 | 77   | 337023   | 44.962  | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.86 | 198  | 68679    | 51.658  | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.99 | 169  | 311264   | 45.317  | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.67 | 248  | 137924   | 41.828  | ng    | 98       |
| 68) Hexachlorobenzene          | 16.78 | 284  | 146400   | 41.695  | ng    | 98       |
| 69) Atrazine                   | 16.93 | 200  | 134237   | 50.650  | ng    | 98       |
| 70) Pentachlorophenol          | 17.12 | 266  | 184067   | 96.908  | ng    | 97       |
| 71) Phenanthrene               | 17.53 | 178  | 591879   | 46.506  | ng    | 99       |
| 72) Anthracene                 | 17.62 | 178  | 617584   | 49.201  | ng    | 98       |
| 73) Carbazole                  | 17.89 | 167  | 535125   | 49.685  | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.42 | 149  | 614196   | 45.883  | ng    | 99       |
| 75) Fluoranthene               | 19.53 | 202  | 809076   | 51.468  | ng    | 99       |
| 77) Benzidine                  | 19.72 | 184  | 286157   | 43.876  | ng    | 97       |
| 78) Pyrene                     | 19.90 | 202  | 814065   | 45.805  | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.76 | 149  | 305465   | 44.166  | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.75 | 228  | 820781   | 45.101  | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.66 | 252  | 196096   | 30.635  | ng    | 99       |
| 83) Chrysene                   | 21.81 | 228  | 813357   | 46.703  | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.61 | 149  | 429317   | 44.095  | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.85 | 149  | 753726   | 46.483  | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.93 | 276  | 994639   | 46.623  | ng    | # 96     |
| 88) Benzo(b)fluoranthene       | 24.03 | 252  | 841171   | 46.065  | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 24.10 | 252  | 831094   | 45.993  | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.94 | 252  | 820533   | 47.099  | ng    | 96       |
| 91) Dibenzo(a,h)anthracene     | 28.99 | 278  | 814670   | 46.799  | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.14 | 276  | 823340   | 48.683  | ng    | 97       |

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



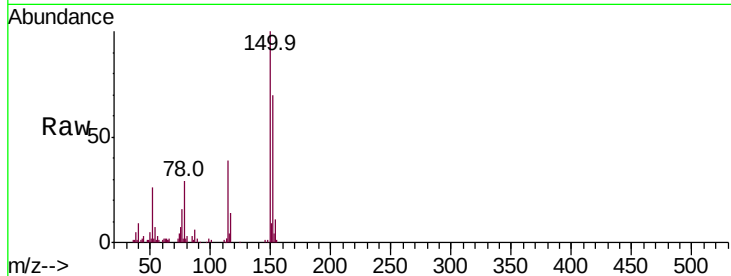


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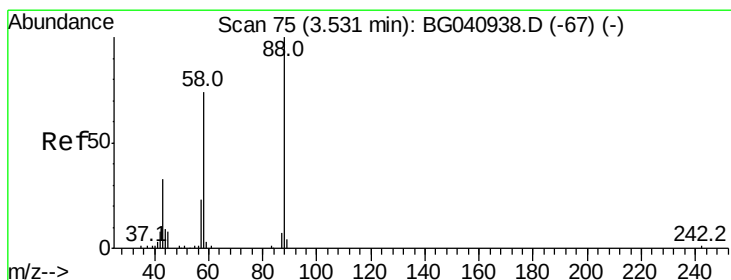
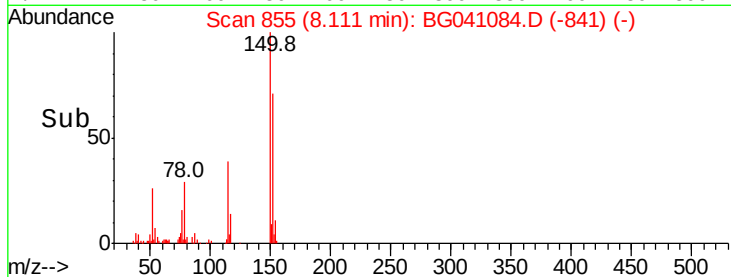
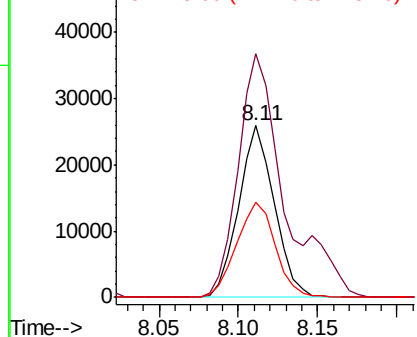
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.11 min Scan# 855  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

Tot Ion:152 Resp: 40304  
Ion Ratio Lower Upper  
152 100  
150 141.9 120.6 180.8  
115 55.6 45.1 67.7



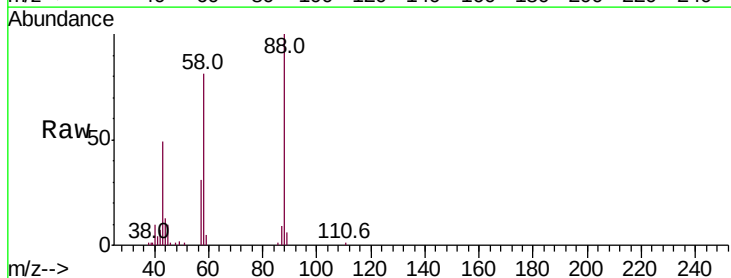
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



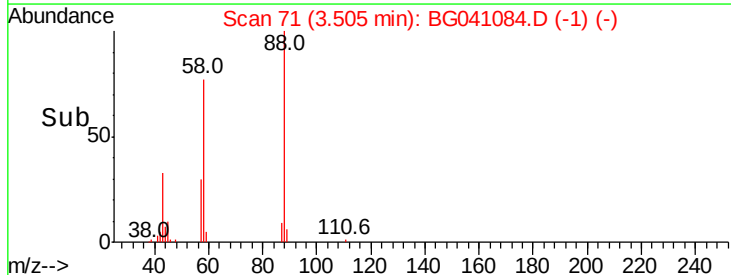
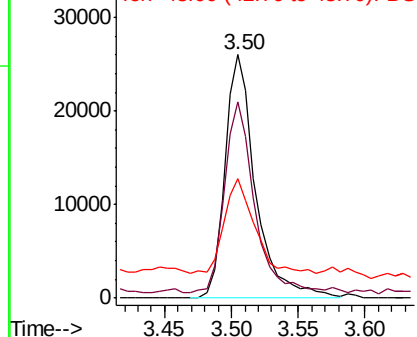
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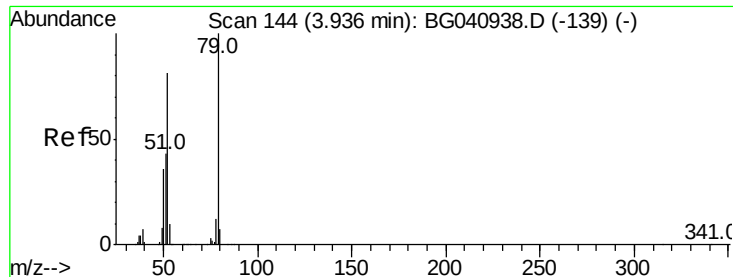
1,4-Dioxane  
Concen: 41.247 ng  
RT: 3.50 min Scan# 71  
Delta R.T. -0.03 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Tgt Ion: 88 Resp: 41835  
Ion Ratio Lower Upper  
88 100  
58 77.8 59.0 88.6  
43 37.9 27.2 40.8



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: 37.098 ng

RT: 3.92 min Scan# 141

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

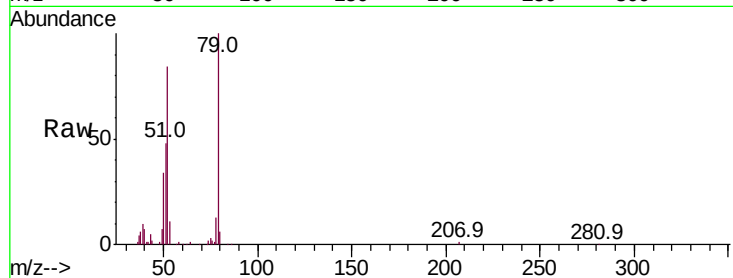
Tot Ion: 79 Resp: 111336

Ion Ratio Lower Upper

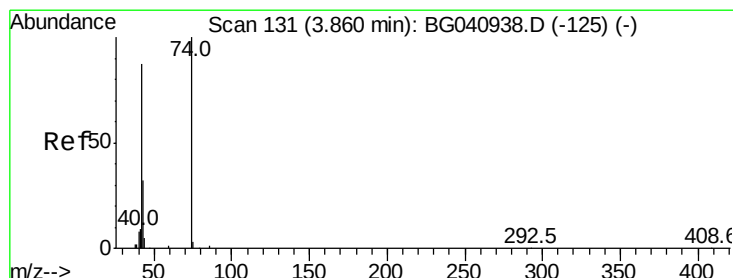
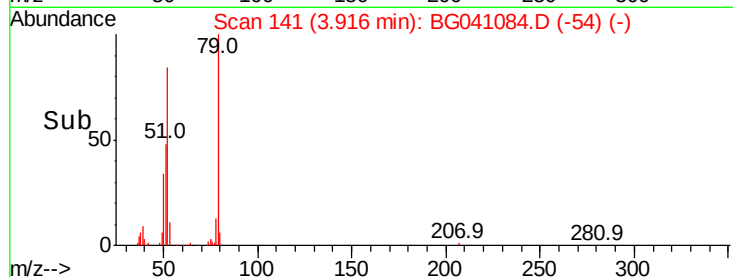
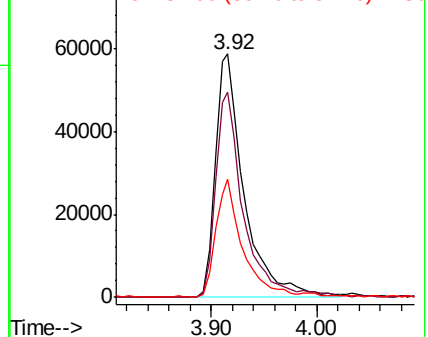
79 100

52 84.5 64.8 97.2

51 48.5 35.3 52.9



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.467 ng

RT: 3.84 min Scan# 128

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

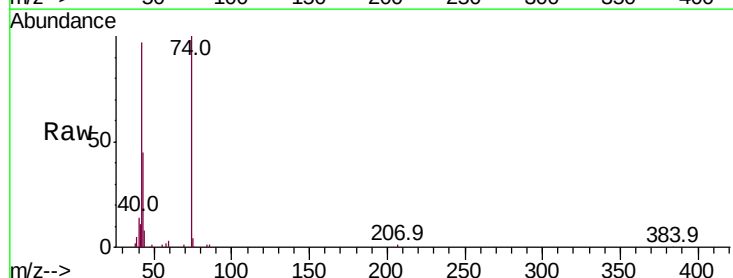
Tgt Ion: 42 Resp: 61936

Ion Ratio Lower Upper

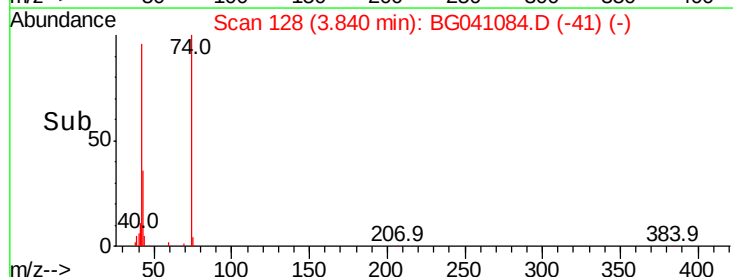
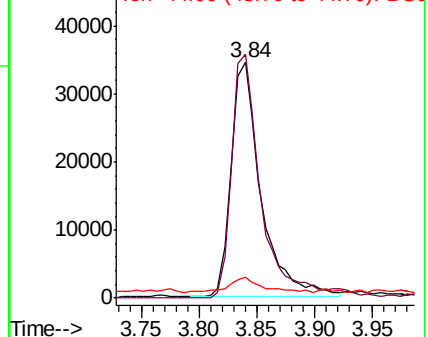
42 100

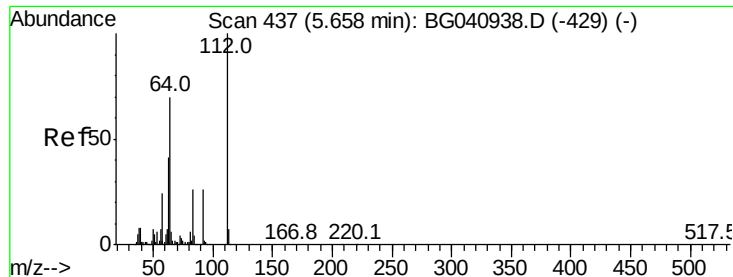
74 103.3 91.8 137.6

44 8.6 6.0 9.0



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 126.733 ng

RT: 5.65 min Scan# 436

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

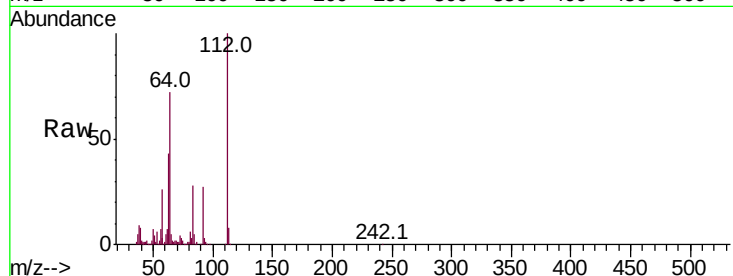
Tot Ion:112 Resp: 283265

Ion Ratio Lower Upper

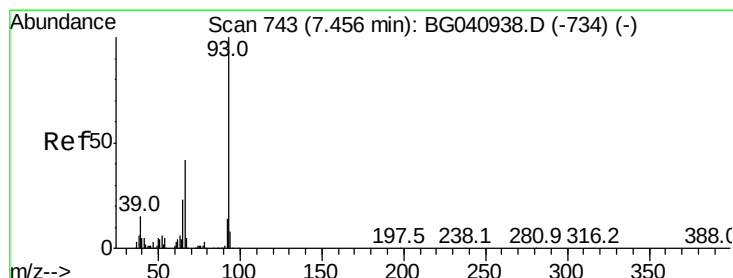
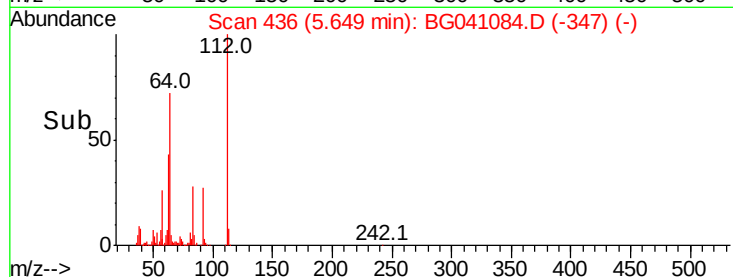
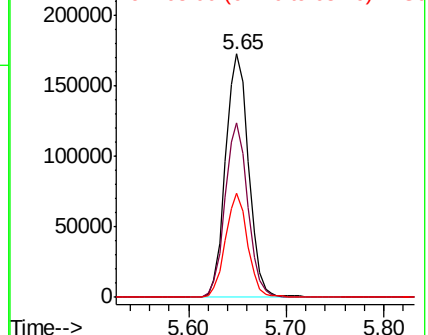
112 100

64 71.8 56.2 84.2

63 43.0 32.8 49.2



Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.541 ng

RT: 7.44 min Scan# 740

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

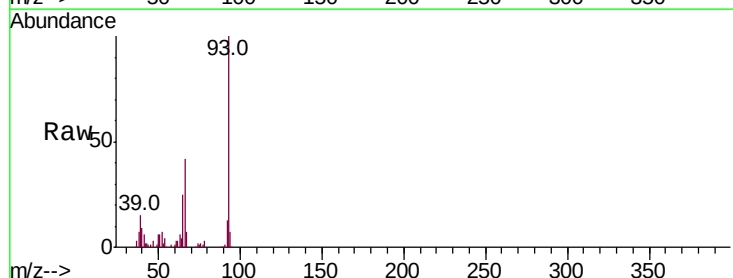
Tgt Ion: 93 Resp: 108466

Ion Ratio Lower Upper

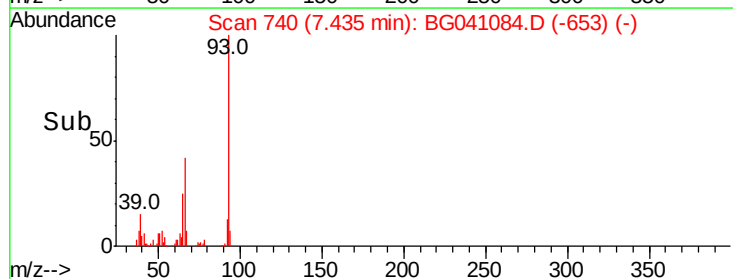
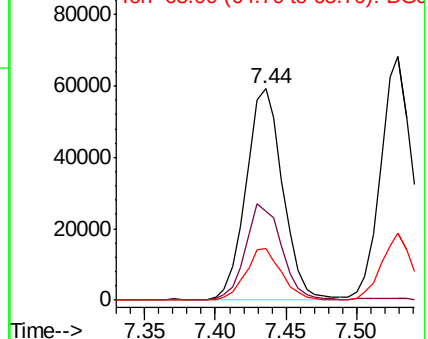
93 100

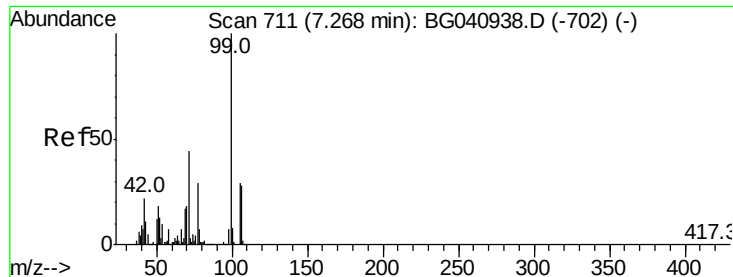
66 42.0 33.8 50.8

65 24.5 18.3 27.5



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 108.963 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

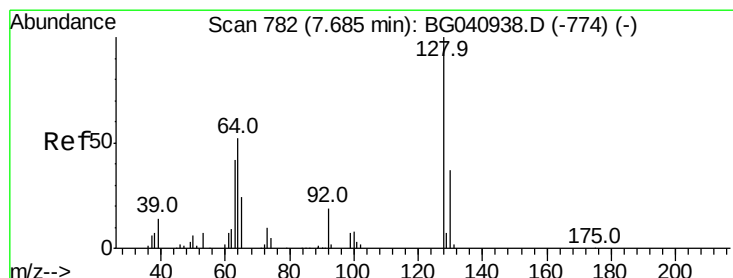
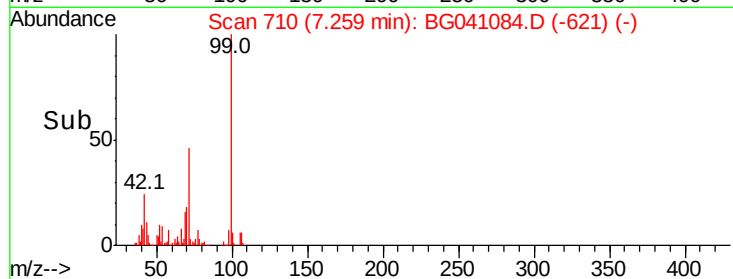
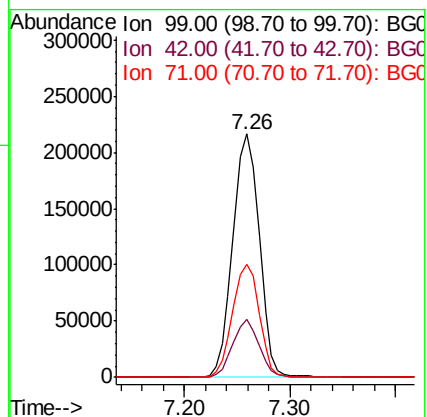
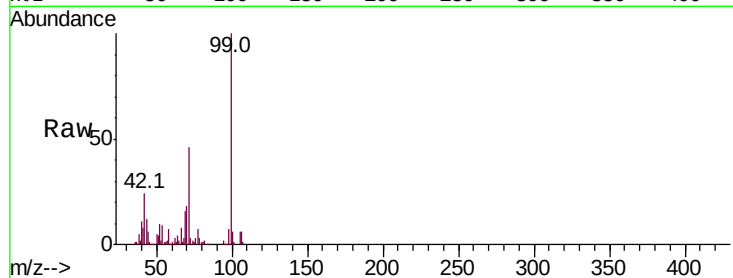
Tot Ion: 99 Resp: 376130

Ion Ratio Lower Upper

99 100

42 24.0 17.9 26.9

71 46.3 35.4 53.0



#8

2-Chlorophenol

Concen: 42.709 ng

RT: 7.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

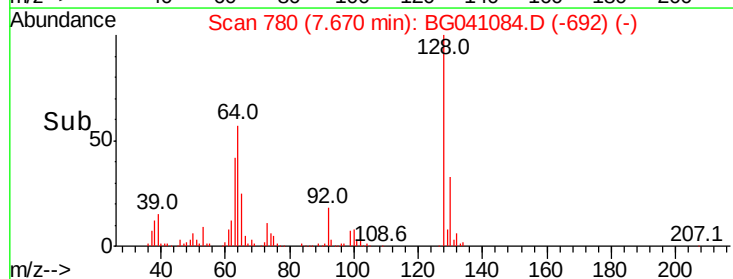
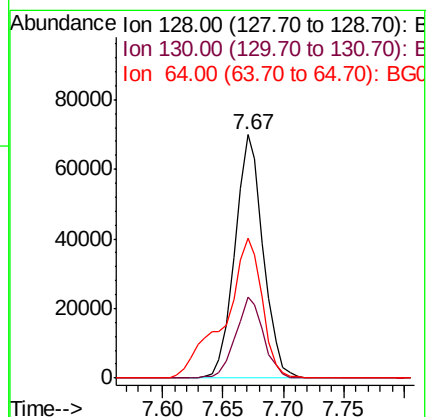
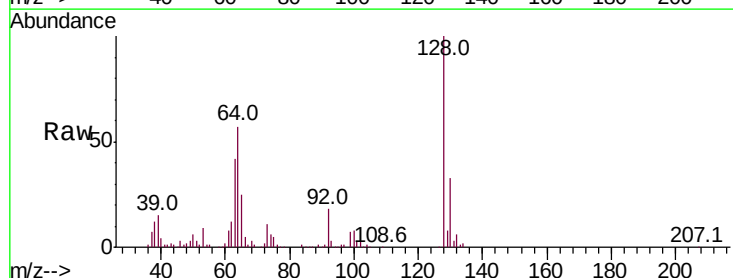
Tgt Ion: 128 Resp: 113805

Ion Ratio Lower Upper

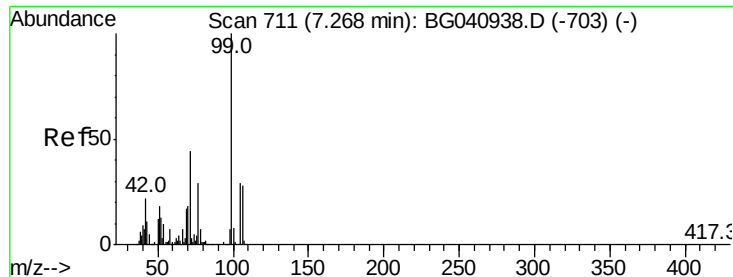
128 100

130 33.2 16.6 56.6

64 57.4 37.8 77.8







#9

Benzaldehyde

Concen: 19.554 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

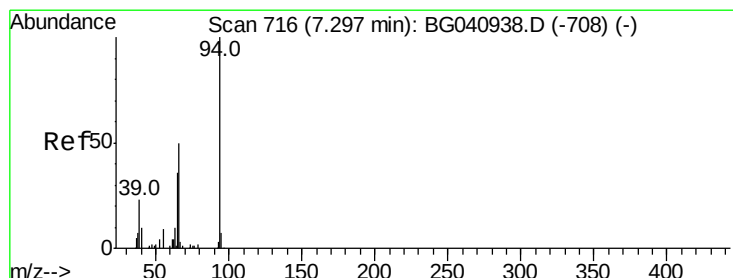
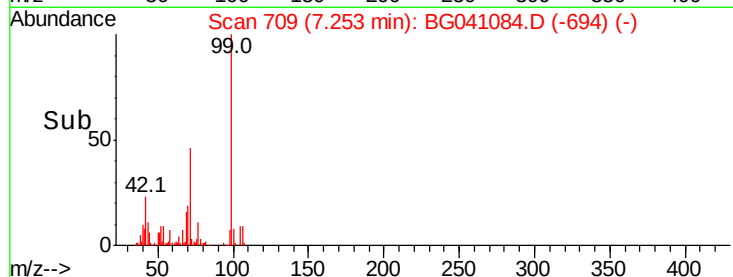
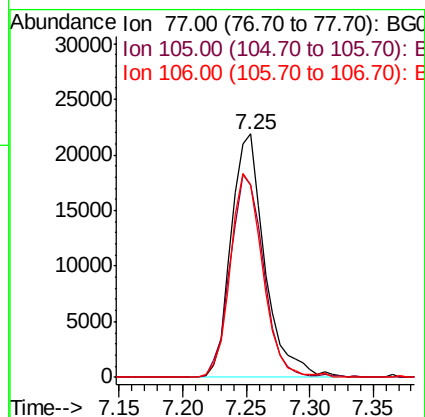
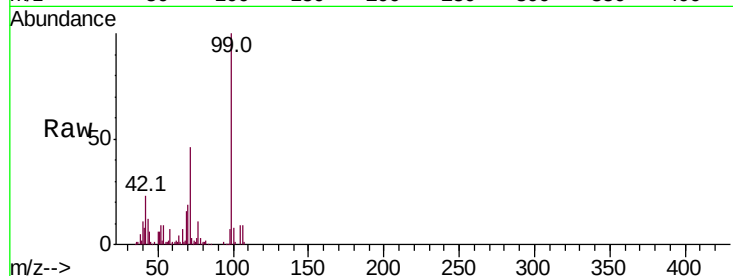
Tot Ion: 77 Resp: 40265

Ion Ratio Lower Upper

77 100

105 78.8 78.9 118.9#

106 79.1 76.7 116.7



#10

Phenol

Concen: 40.707 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

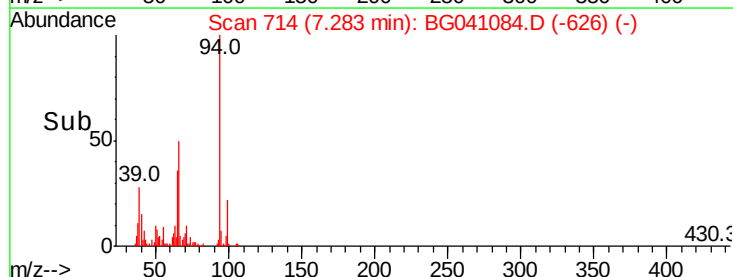
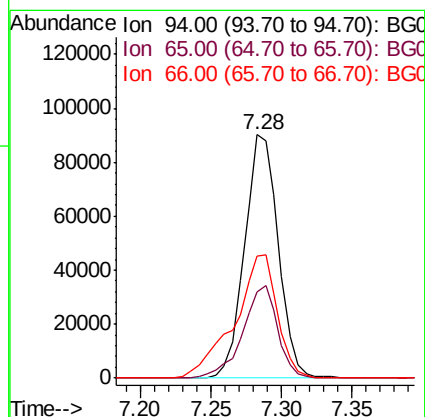
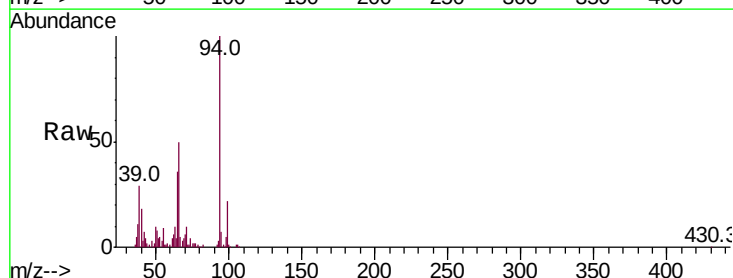
Tgt Ion: 94 Resp: 150661

Ion Ratio Lower Upper

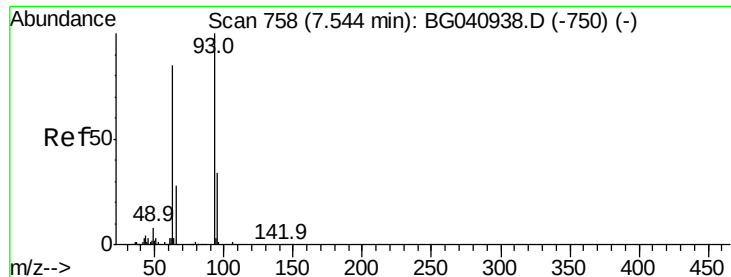
94 100

65 35.6 17.0 57.0

66 49.9 32.4 72.4







#11

bis(2-Chloroethyl)ether

Concen: 39.454 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

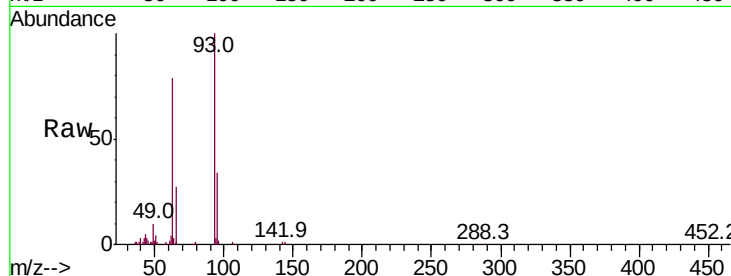
Tot Ion: 93 Resp: 105934

Ion Ratio Lower Upper

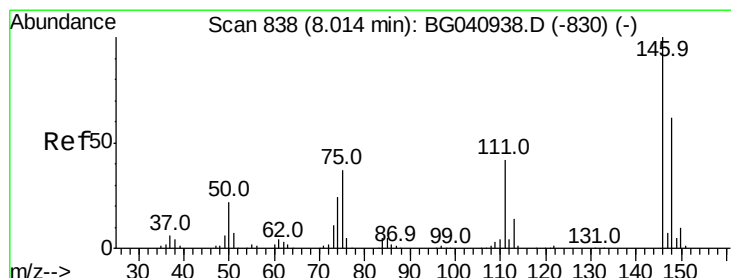
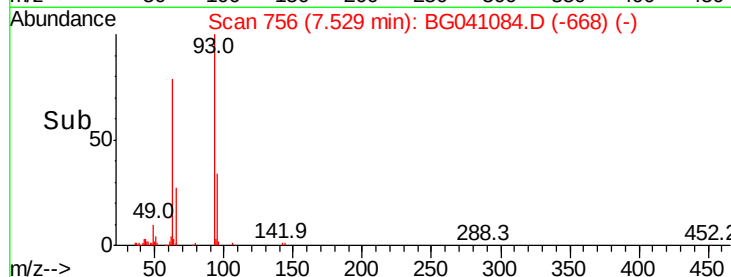
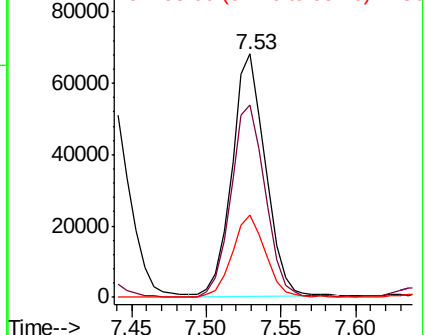
93 100

63 79.0 64.5 104.5

95 33.8 13.3 53.3



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 41.459 ng

RT: 8.00 min Scan# 836

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

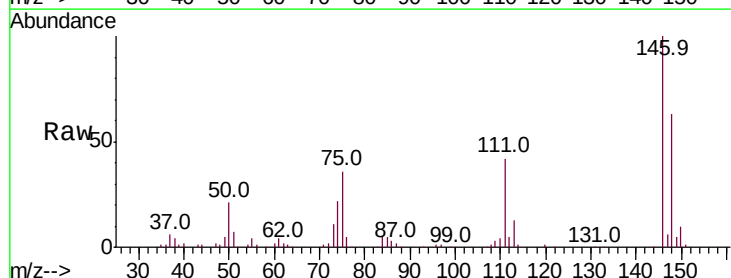
Tgt Ion: 146 Resp: 131948

Ion Ratio Lower Upper

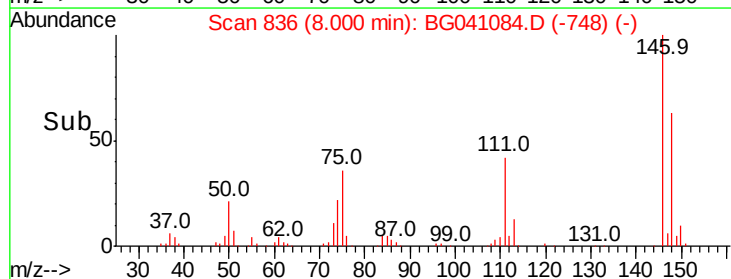
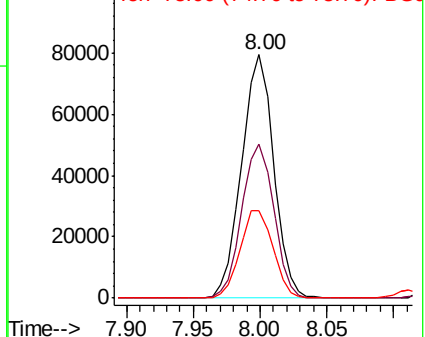
146 100

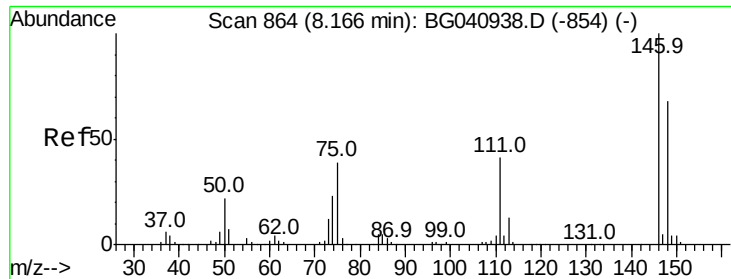
148 63.0 49.2 73.8

75 35.8 29.4 44.0



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 75.00 (74.70 to 75.70): BGC

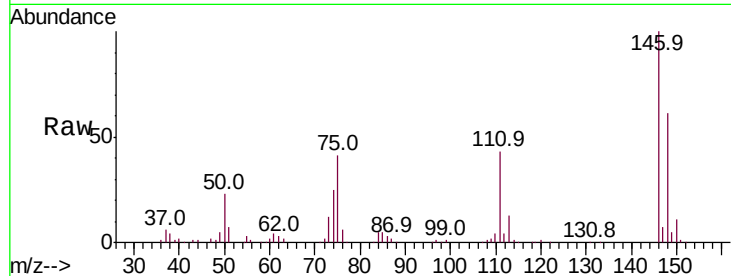




#13  
 1,4-Dichlorobenzene  
 Concen: 41.386 ng  
 RT: 8.15 min Scan# 861  
 Delta R.T. -0.02 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 60.8  | 54.2  | 81.4  |
| 111     | 43.2  | 32.9  | 49.3  |

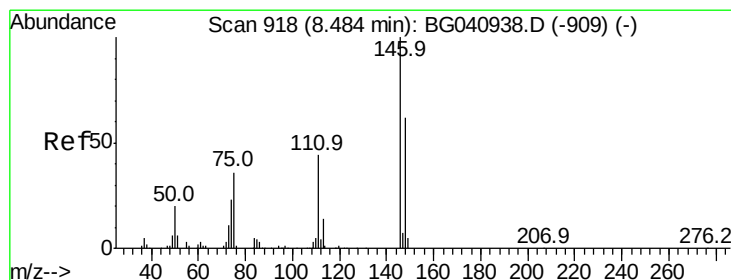
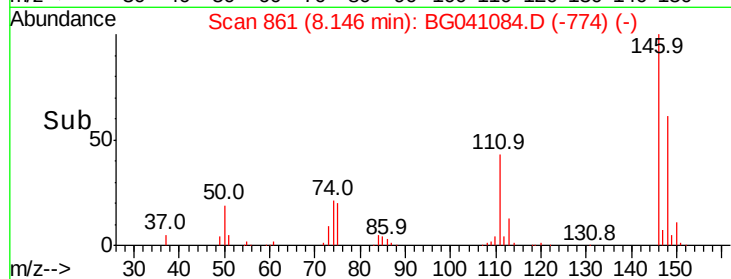
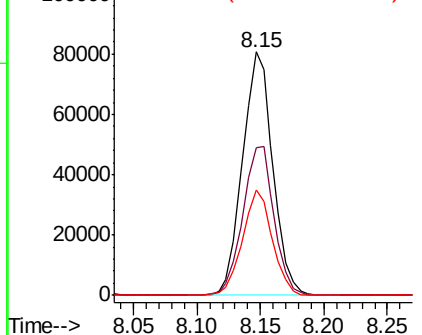


Abundance

Ion 146.00 (145.70 to 146.70): E

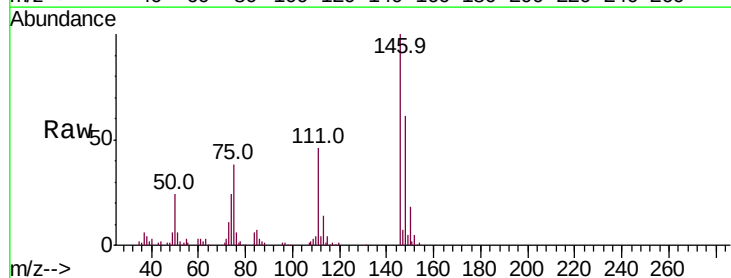
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 39.983 ng  
 RT: 8.46 min Scan# 915  
 Delta R.T. -0.02 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 60.5  | 49.8  | 74.6  |
| 111     | 45.9  | 35.0  | 52.4  |

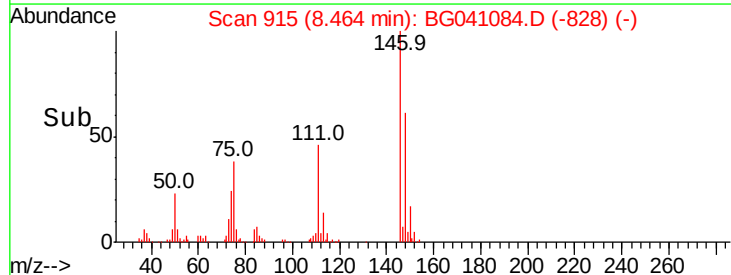
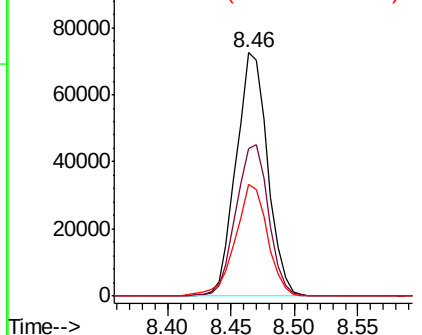


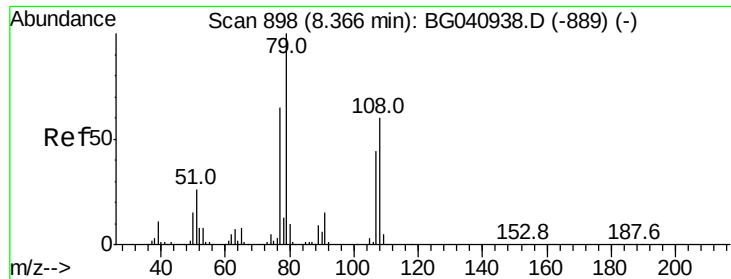
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 39.312 ng

RT: 8.35 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

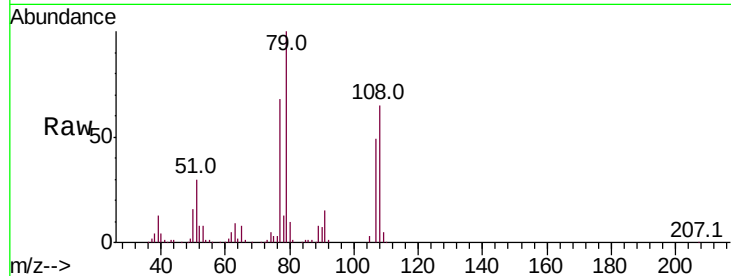
Tot Ion: 79 Resp: 125528

Ion Ratio Lower Upper

79 100

108 64.9 48.3 72.5

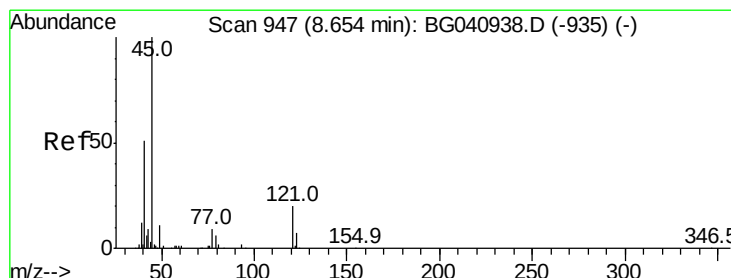
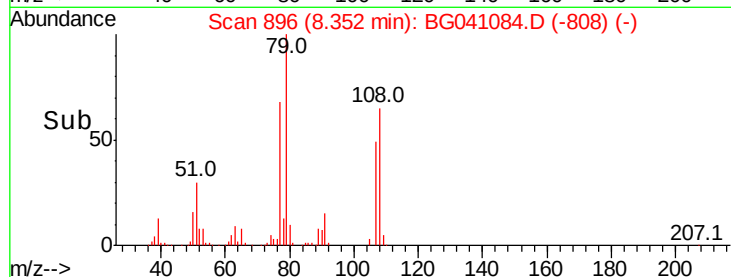
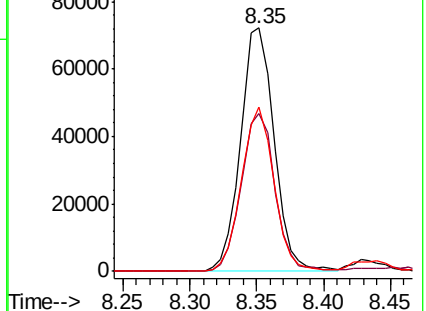
77 67.5 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.058 ng

RT: 8.63 min Scan# 943

Delta R.T. -0.03 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

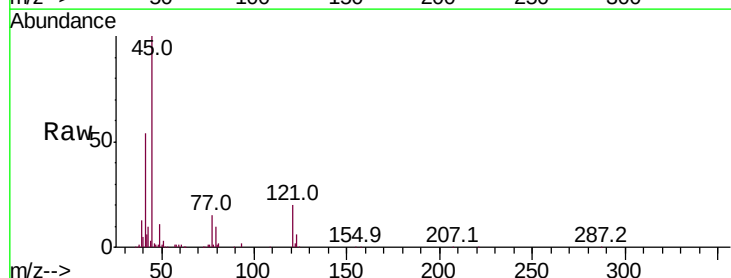
Tgt Ion: 45 Resp: 166977

Ion Ratio Lower Upper

45 100

77 15.0 0.0 33.7

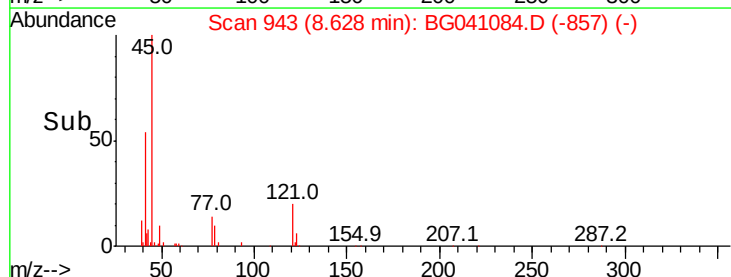
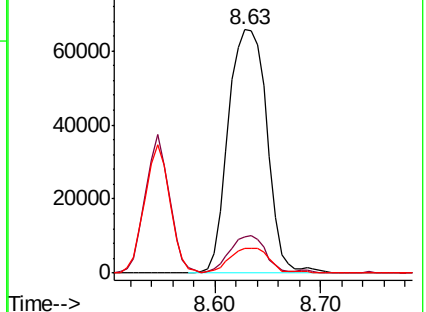
79 10.2 0.0 30.2

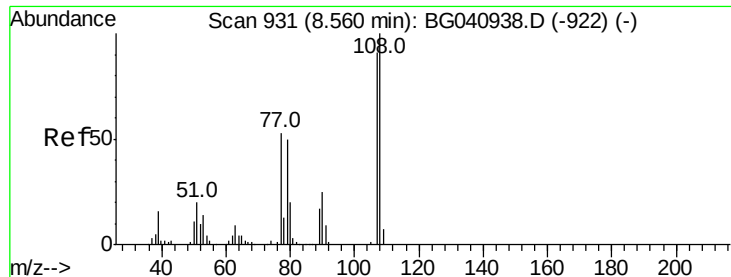


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 37.515 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

Tot Ion:107 Resp: 100533

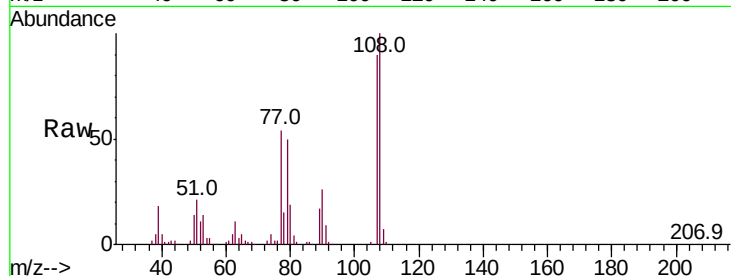
Ion Ratio Lower Upper

107 100

108 111.4 87.7 131.5

77 60.6 46.6 70.0

79 56.1 44.6 66.8

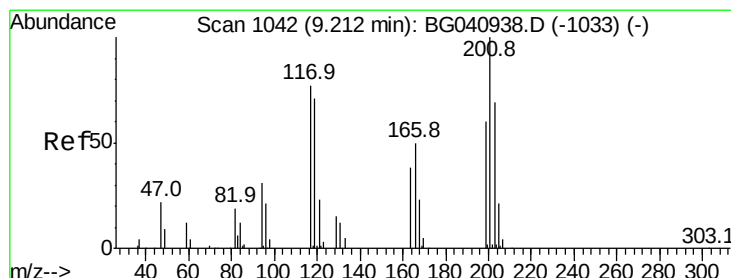
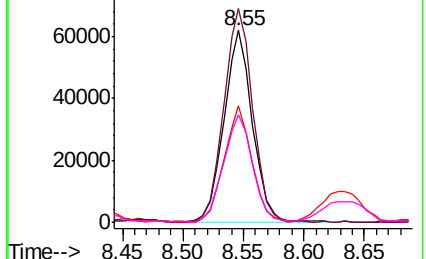
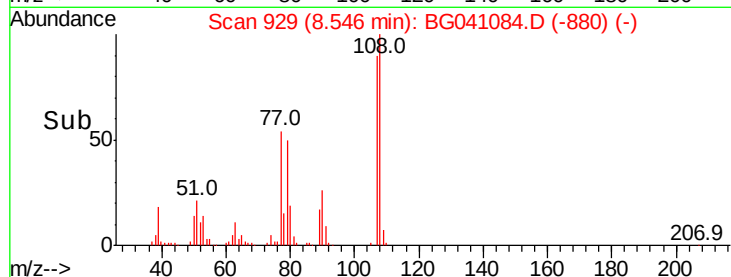


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.994 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

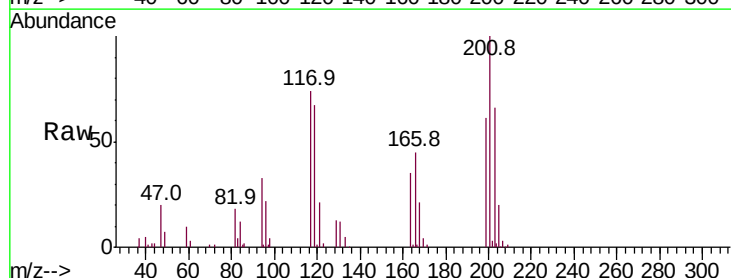
Tgt Ion:117 Resp: 50899

Ion Ratio Lower Upper

117 100

119 91.0 75.0 112.6

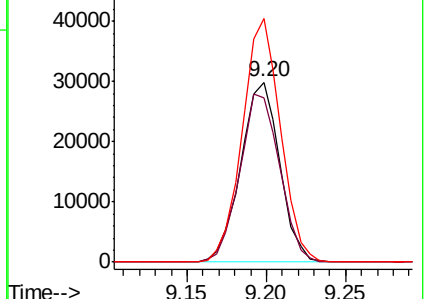
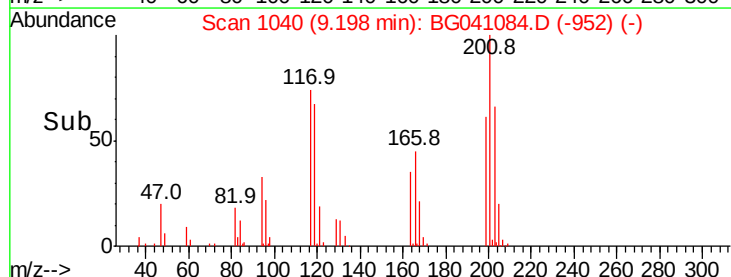
201 135.1 103.5 155.3

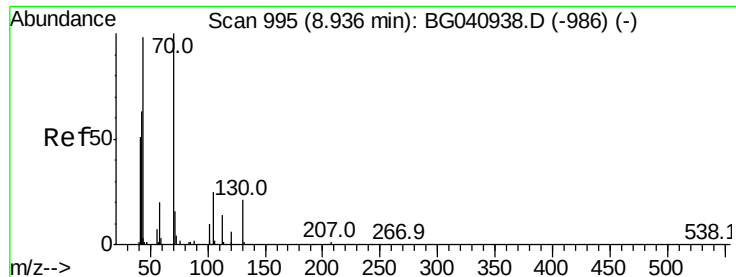


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.024 ng

RT: 8.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

Tot Ion: 70 Resp: 95696

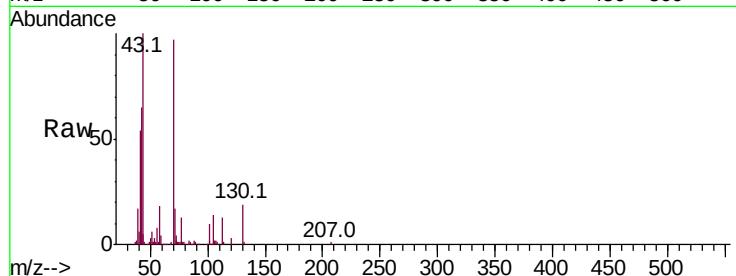
Ion Ratio Lower Upper

70 100

42 66.7 51.5 77.3

101 10.0 8.1 12.1

130 19.7 16.6 24.8

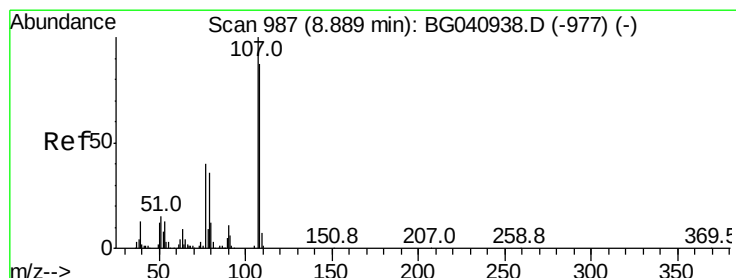
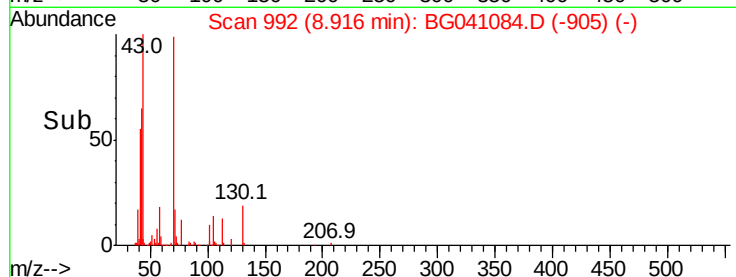
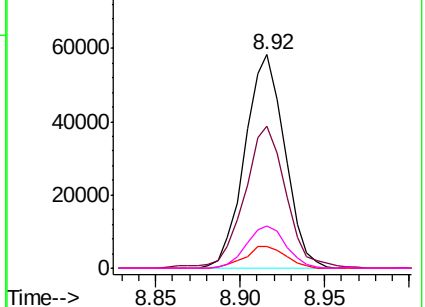


Abundance Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 37.137 ng

RT: 8.87 min Scan# 985

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Tgt Ion: 107 Resp: 137853

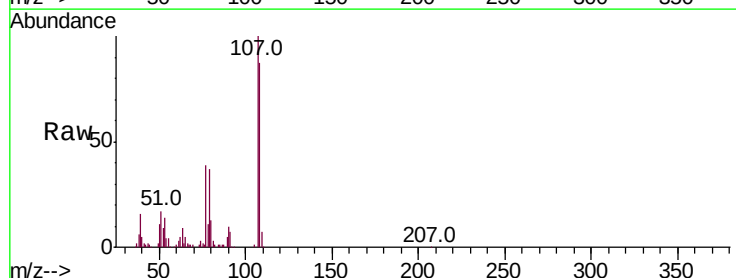
Ion Ratio Lower Upper

107 100

108 86.5 66.8 106.8

77 39.3 20.5 60.5

79 37.0 15.8 55.8

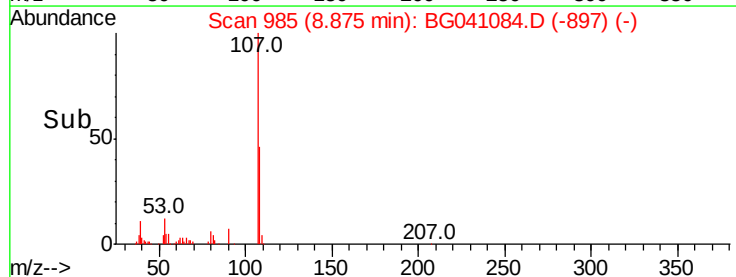
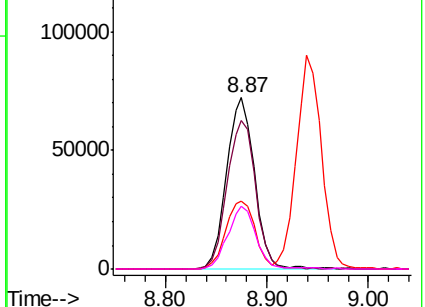


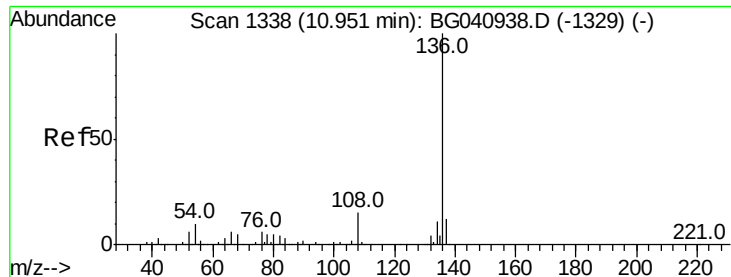
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

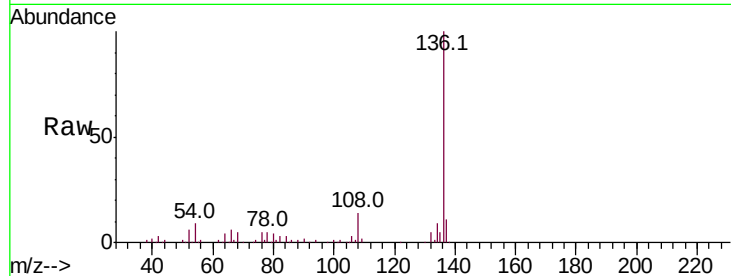




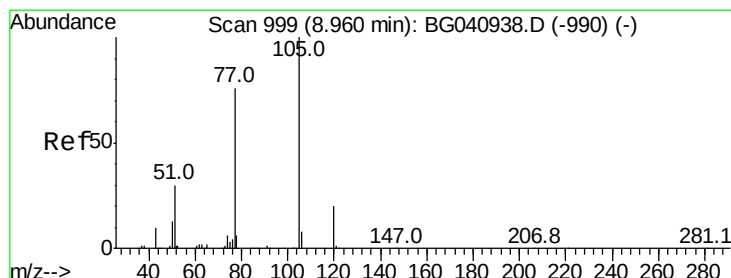
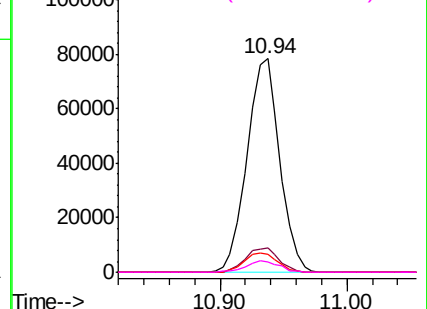
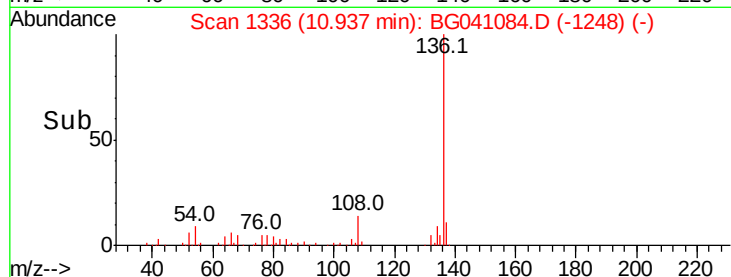
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.94 min Scan# 1336  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 140506   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.2  | 9.5 14.3 |
| 54          | 8.7   | 7.6 11.4 |
| 68          | 5.0   | 3.9 5.9  |

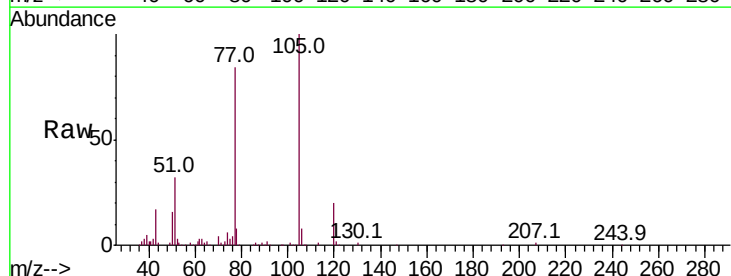


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

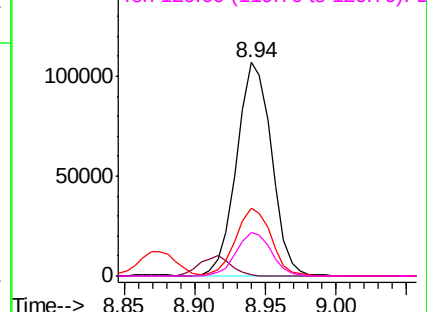
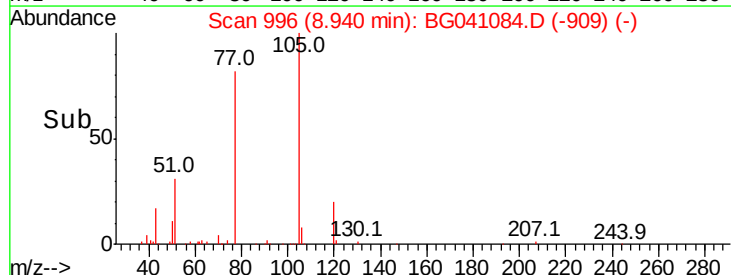


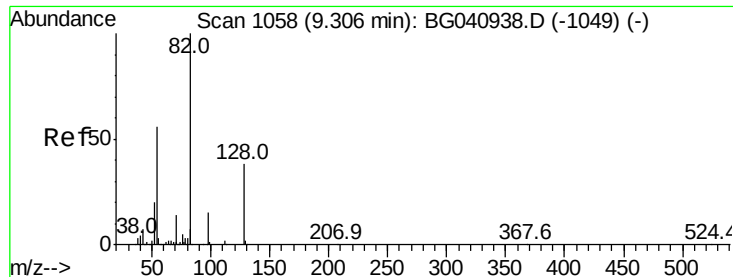
#22  
Acetophenone  
Concen: 47.090 ng  
RT: 8.94 min Scan# 996  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 185601    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.7   | 0.4 0.6#  |
| 51          | 31.9  | 27.0 40.6 |
| 120         | 20.4  | 16.2 24.4 |



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





#23

Nitrobenzene-d5

Concen: 83.406 ng

RT: 9.29 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

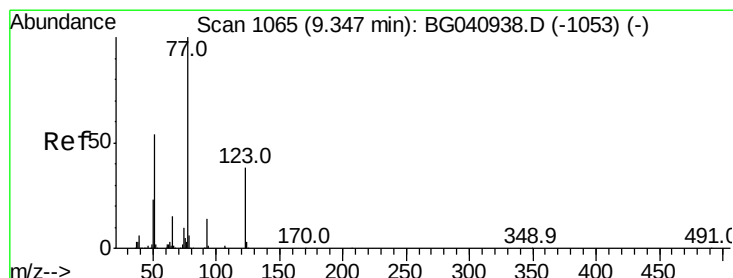
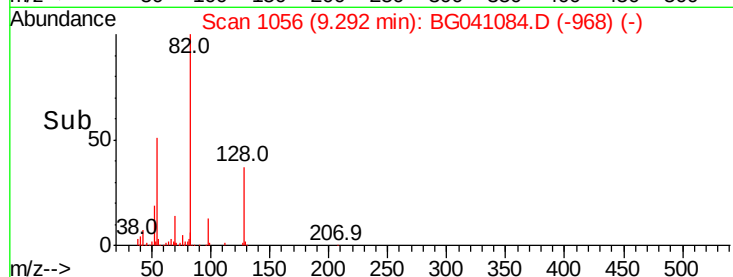
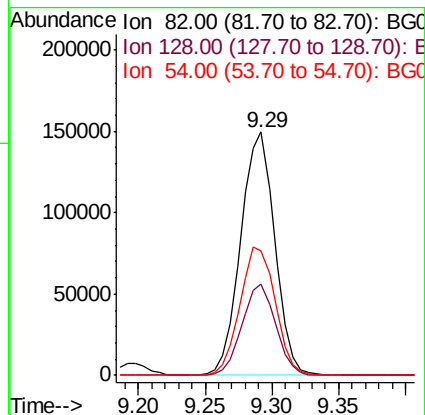
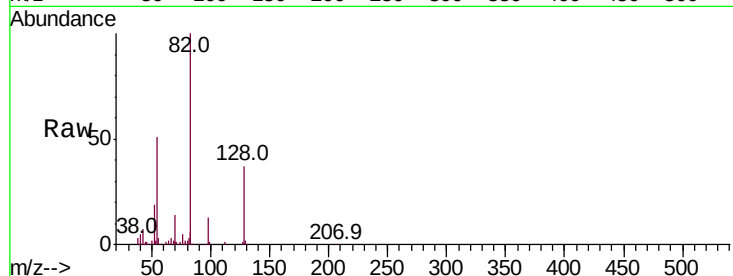
Tot Ion: 82 Resp: 263979

Ion Ratio Lower Upper

82 100

128 37.2 30.5 45.7

54 51.2 44.6 66.8



#24

Nitrobenzene

Concen: 46.883 ng

RT: 9.33 min Scan# 1063

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

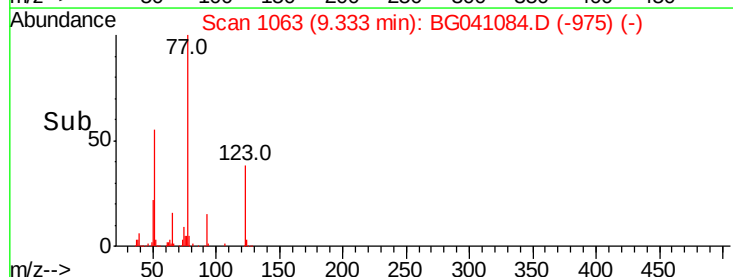
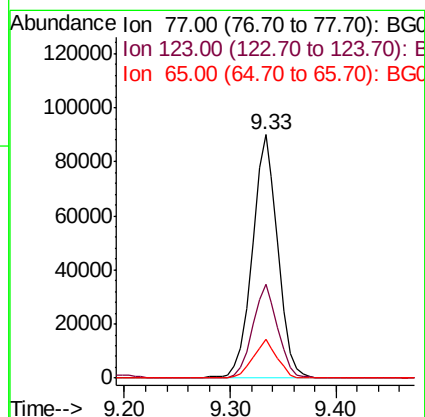
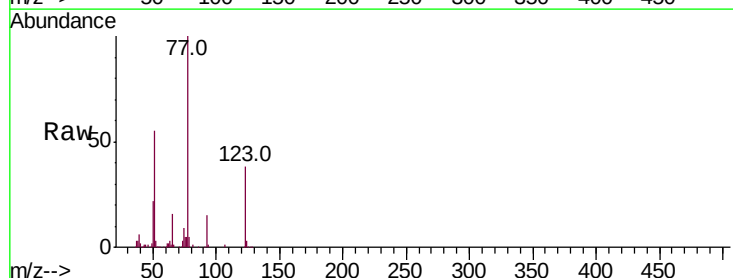
Tgt Ion: 77 Resp: 151218

Ion Ratio Lower Upper

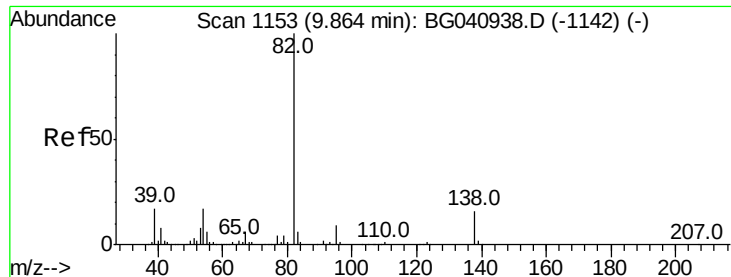
77 100

123 38.4 30.6 46.0

65 15.8 12.3 18.5







#25

Isophorone

Concen: 43.914 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

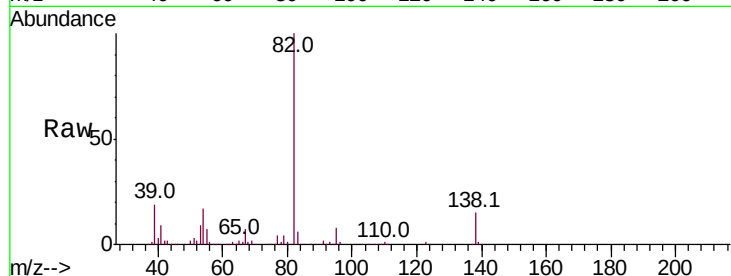
Tot Ion: 82 Resp: 264505

Ion Ratio Lower Upper

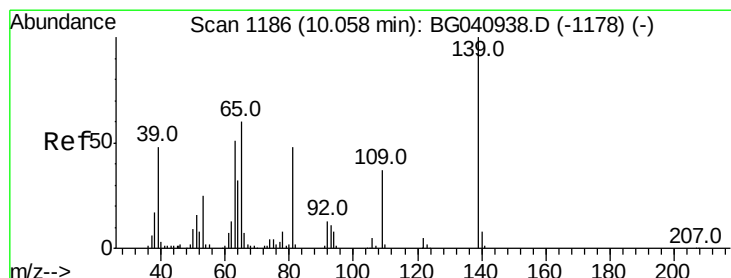
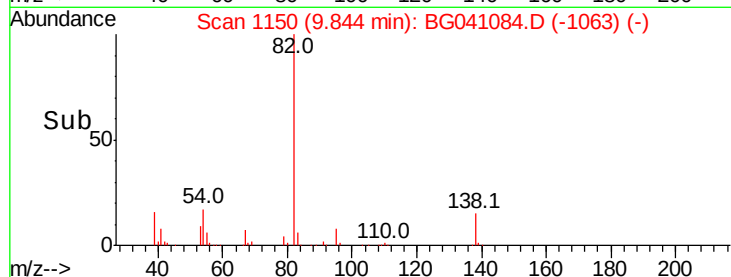
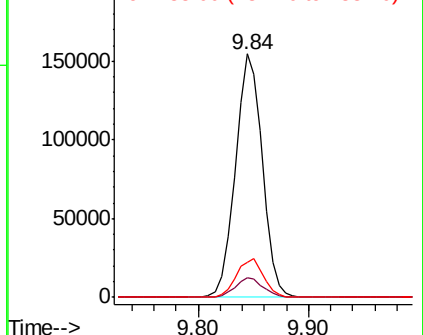
82 100

95 8.2 7.0 10.4

138 14.5 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 50.225 ng

RT: 10.04 min Scan# 1183

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

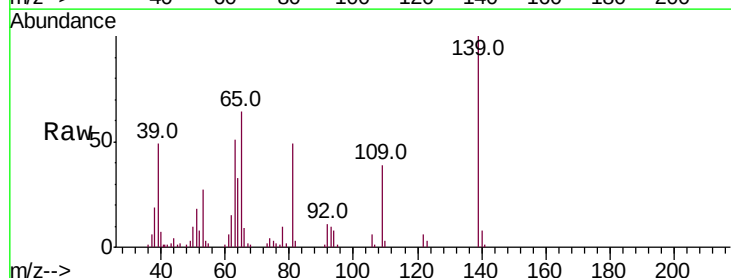
Tgt Ion: 139 Resp: 66783

Ion Ratio Lower Upper

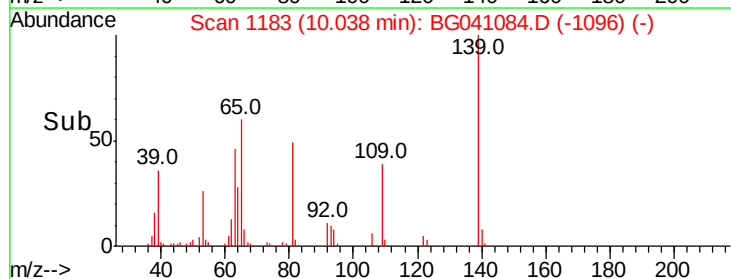
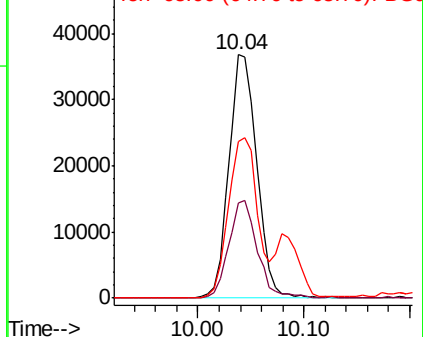
139 100

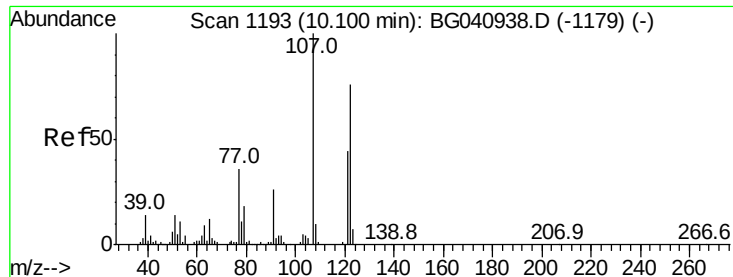
109 39.2 29.8 44.6

65 64.4 47.8 71.6



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

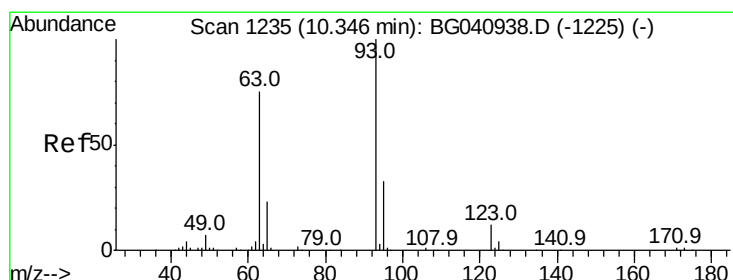
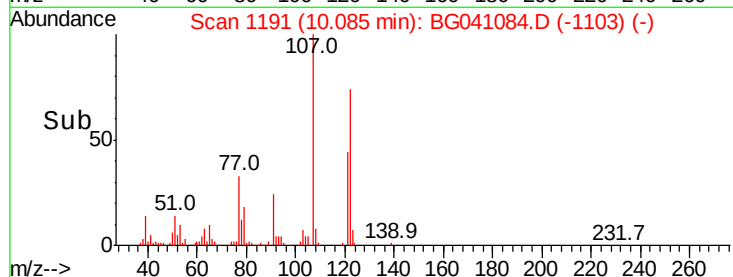
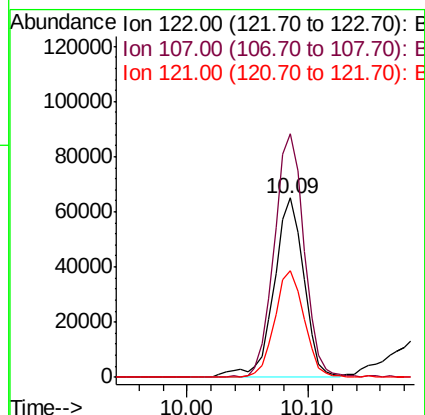
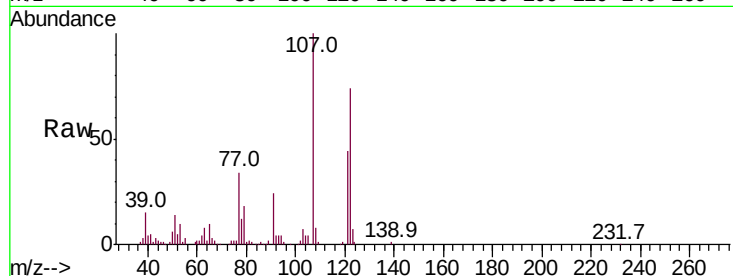




#27  
2,4-Dimethylphenol  
Concen: 50.557 ng  
RT: 10.09 min Scan# 1191  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

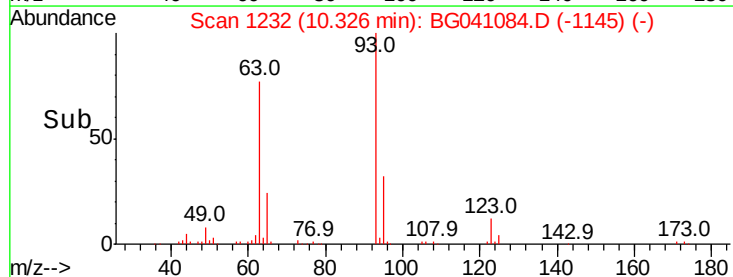
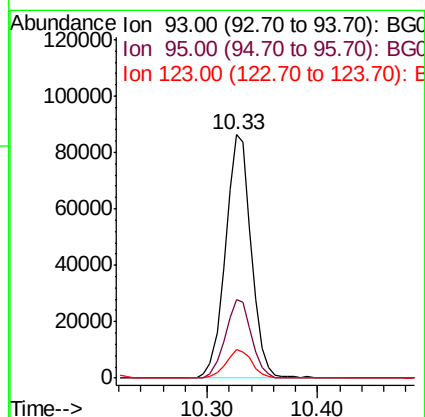
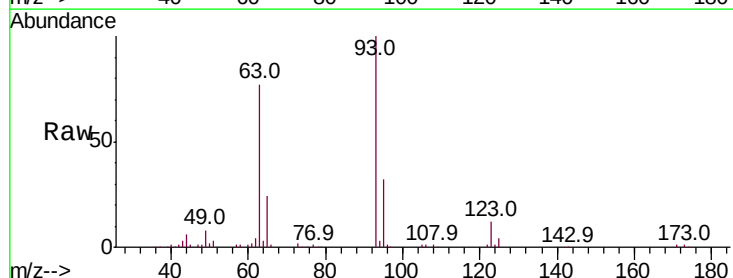
Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

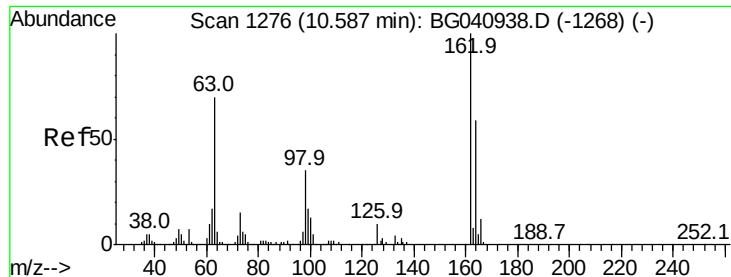
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 135.9 | 105.9 | 158.9 |
| 121     | 59.6  | 46.2  | 69.4  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.127 ng  
RT: 10.33 min Scan# 1232  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.3  | 26.2  | 39.2  |
| 123     | 11.6  | 9.5   | 14.3  |

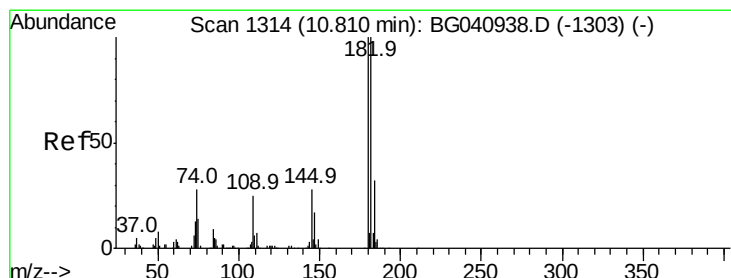
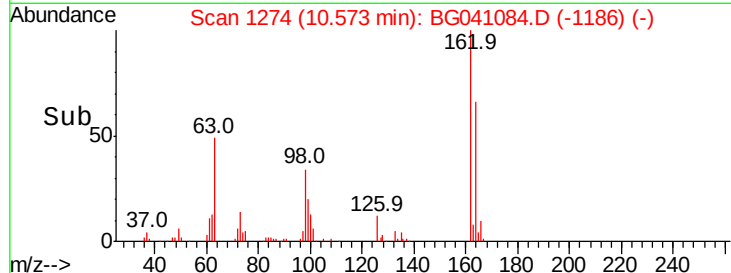
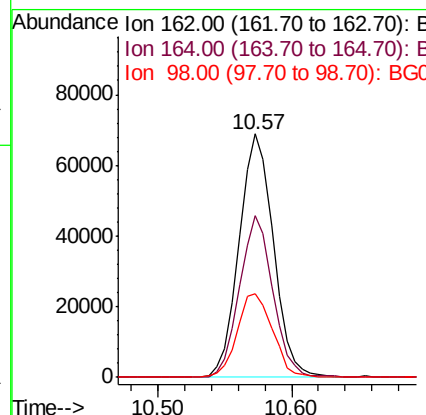
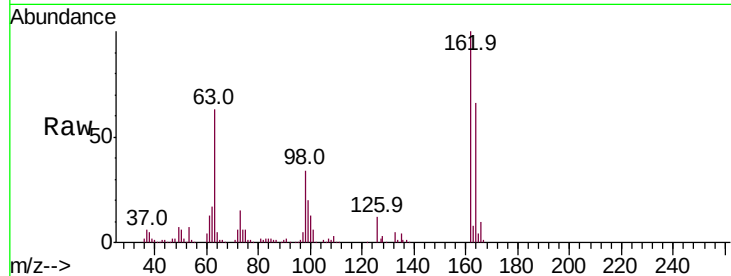




#29  
2,4-Dichlorophenol  
Concen: 44.081 ng  
RT: 10.57 min Scan# 1274  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

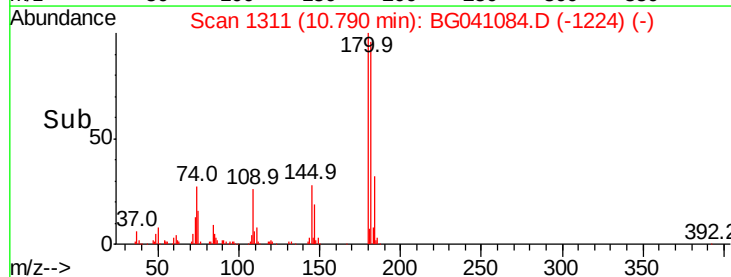
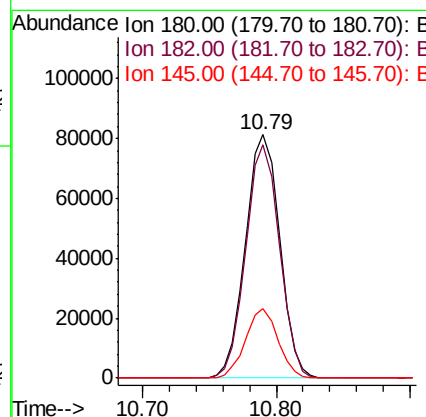
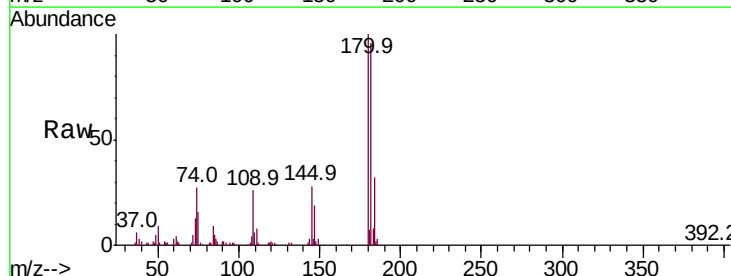
Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

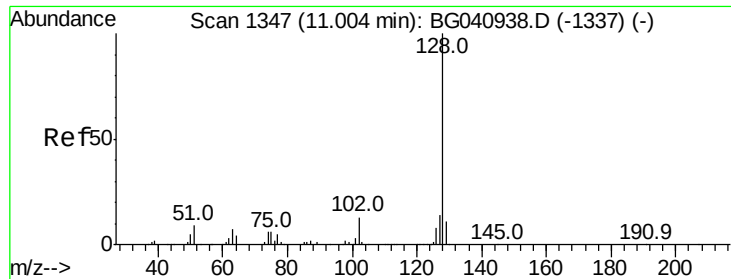
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.3  | 39.4  | 79.4  |
| 98      | 34.2  | 15.3  | 55.3  |



#30  
1,2,4-Trichlorobenzene  
Concen: 45.364 ng  
RT: 10.79 min Scan# 1311  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.0  | 79.7  | 119.5 |
| 145     | 28.4  | 22.6  | 34.0  |

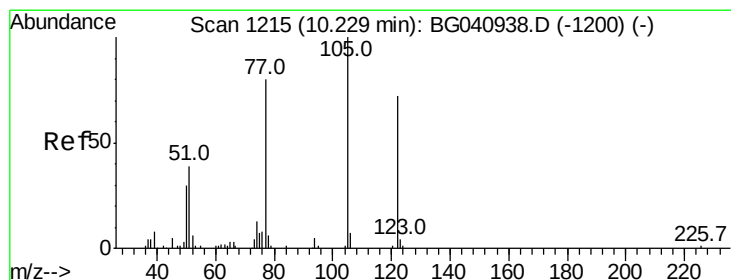
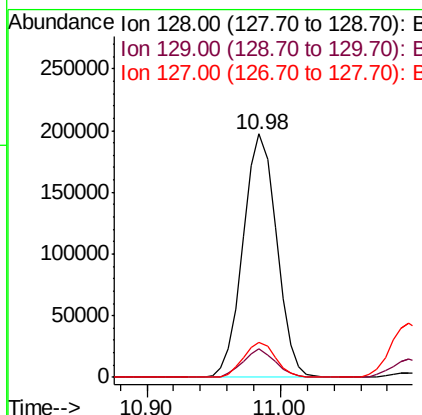
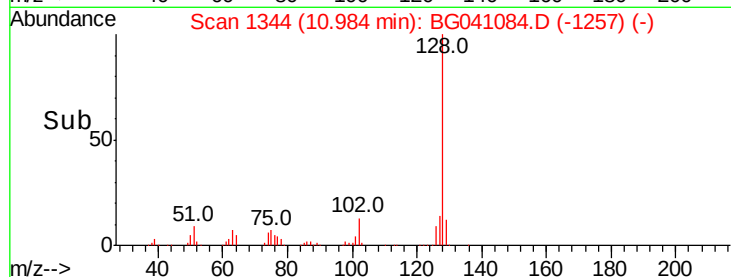
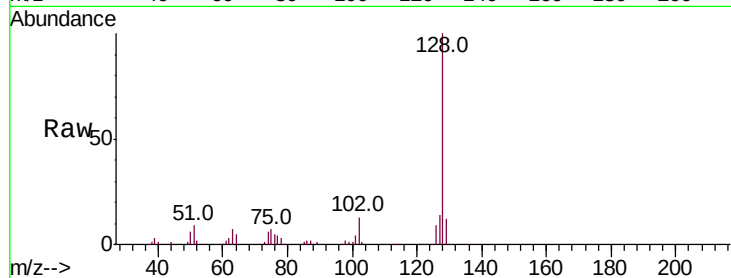




#31  
Naphthalene  
Concen: 45.455 ng  
RT: 10.98 min Scan# 1344  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

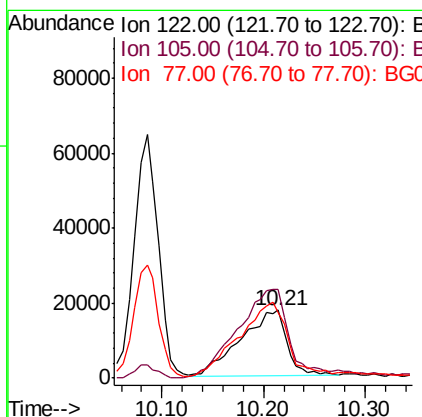
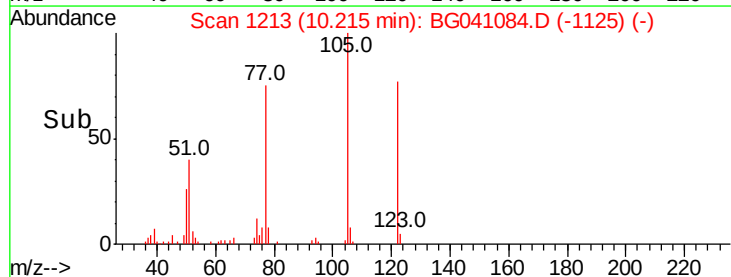
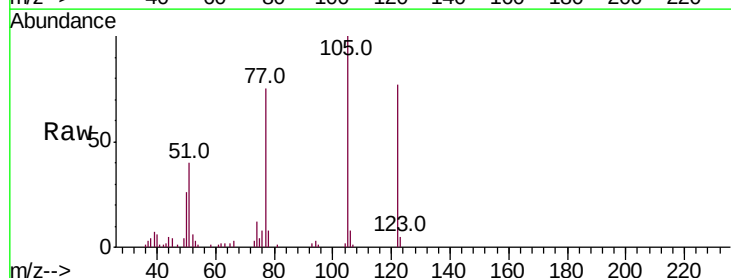
Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

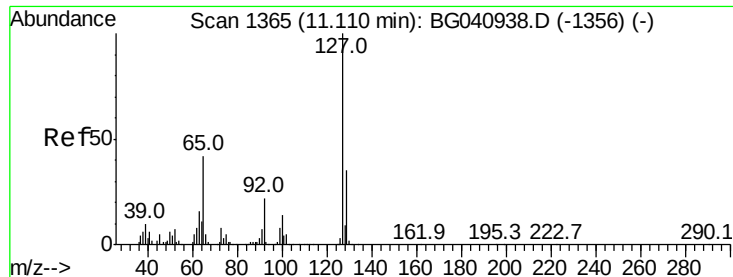
Tot Ion:128 Resp: 342908  
Ion Ratio Lower Upper  
128 100  
129 11.9 8.5 12.7  
127 14.3 11.4 17.2



#32  
Benzoic acid  
Concen: 35.345 ng  
RT: 10.21 min Scan# 1213  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Tgt Ion:122 Resp: 55948  
Ion Ratio Lower Upper  
122 100  
105 129.5 114.8 154.8  
77 96.9 89.9 129.9

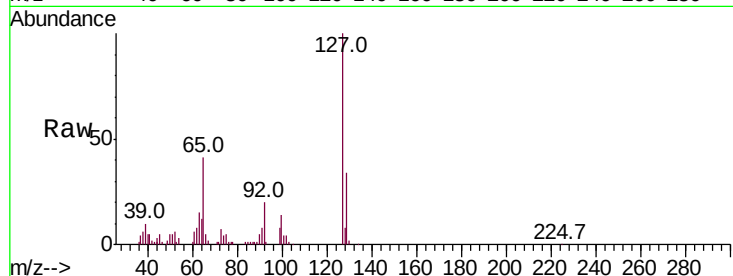




#33  
4-Chloroaniline  
Concen: 24.219 ng  
RT: 11.10 min Scan# 1363  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 84774 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 33.8  | 27.7  | 41.5  |
| 65       | 41.1  | 33.2  | 49.8  |
| 92       | 20.3  | 17.2  | 25.8  |



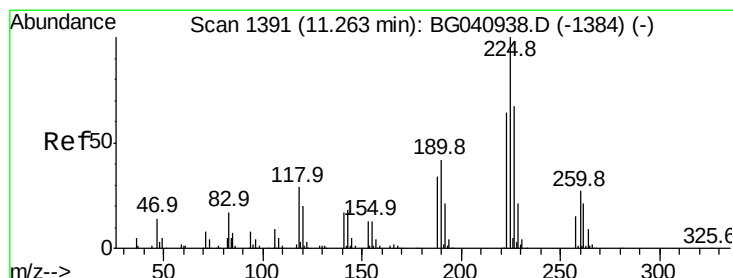
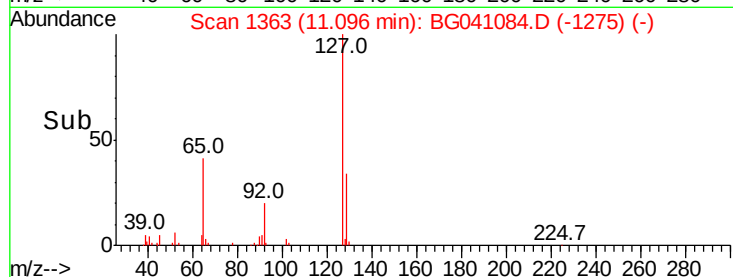
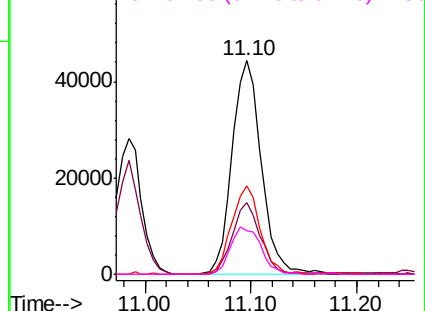
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

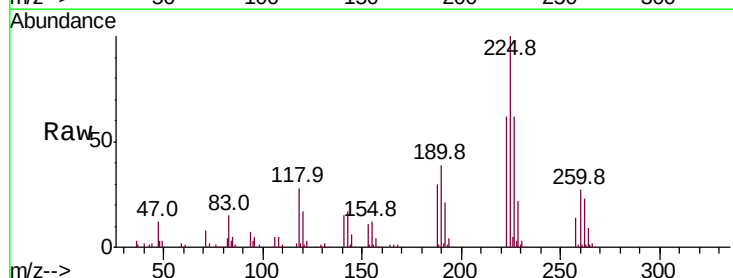
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 44.249 ng  
RT: 11.25 min Scan# 1389  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 107409 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.1  | 48.8  | 73.2   |
| 227      | 62.5  | 51.4  | 77.0   |

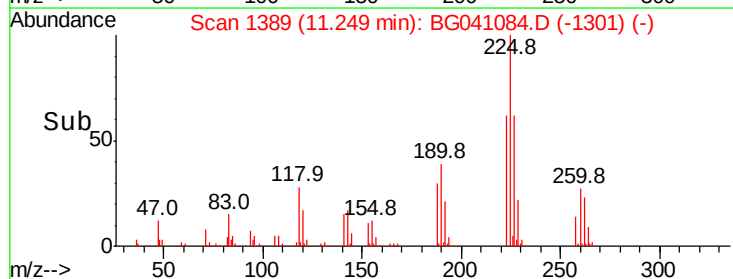
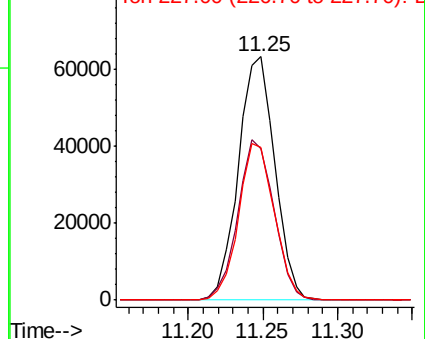


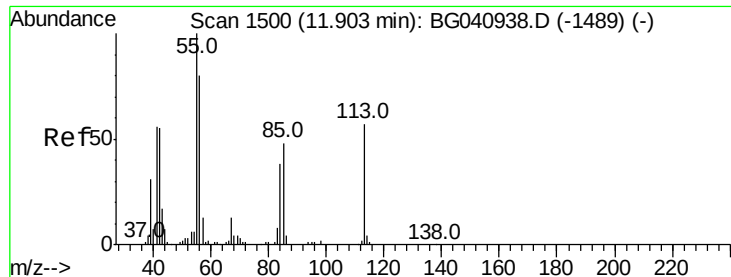
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 42.860 ng

RT: 11.87 min Scan# 1495

Delta R.T. -0.03 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

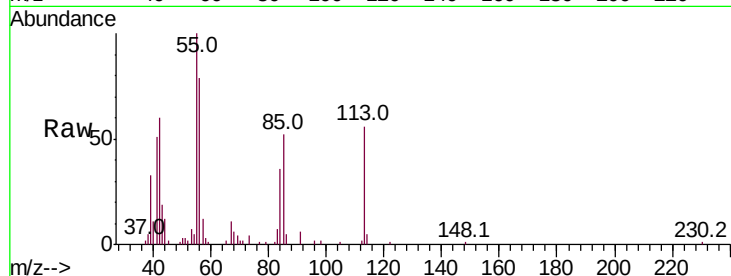
Tot Ion:113 Resp: 39470

Ion Ratio Lower Upper

113 100

55 177.6 155.9 195.9

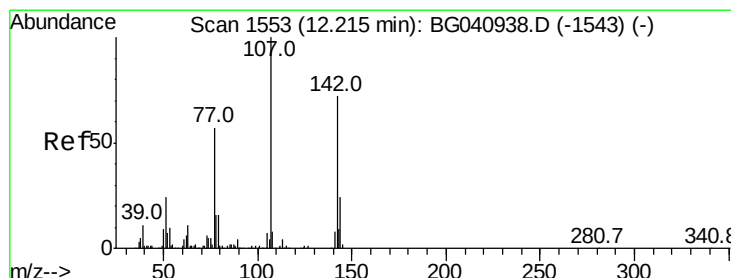
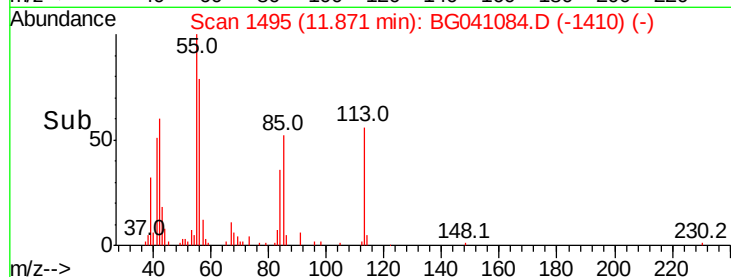
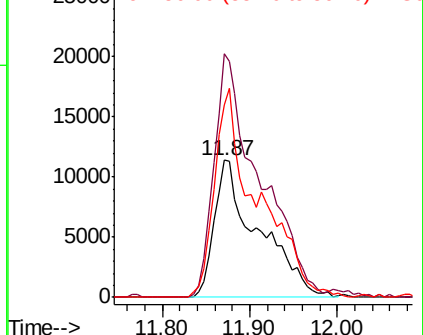
56 140.5 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 43.560 ng

RT: 12.20 min Scan# 1551

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

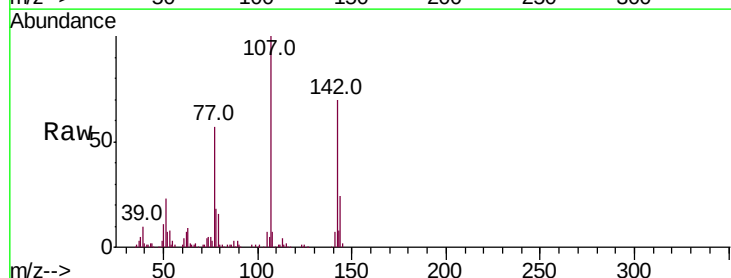
Tgt Ion:107 Resp: 138734

Ion Ratio Lower Upper

107 100

144 23.7 19.4 29.0

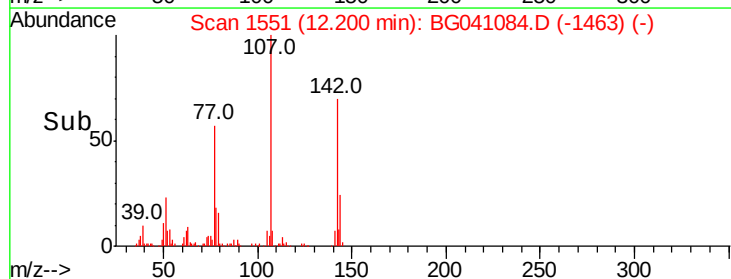
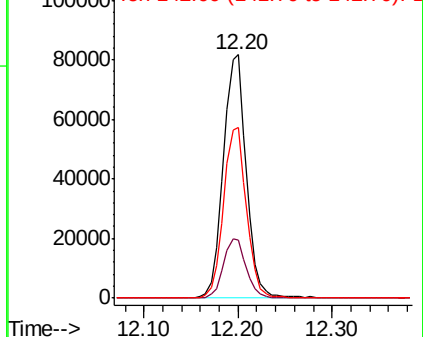
142 69.9 57.3 85.9

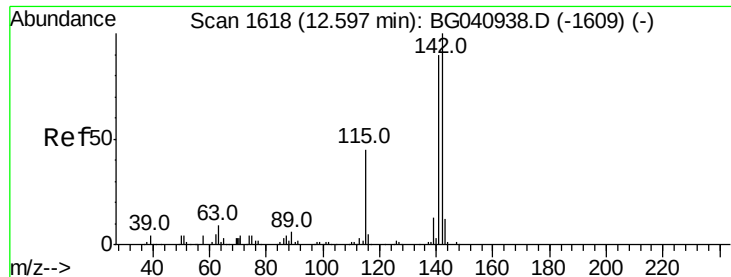


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

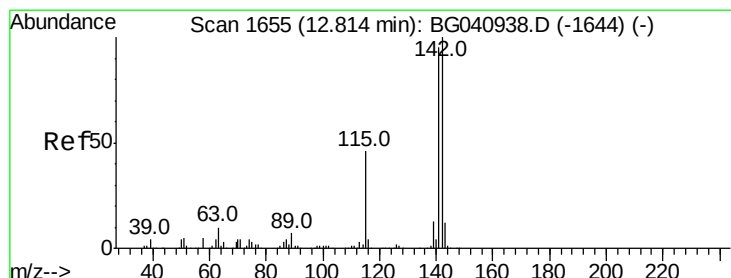
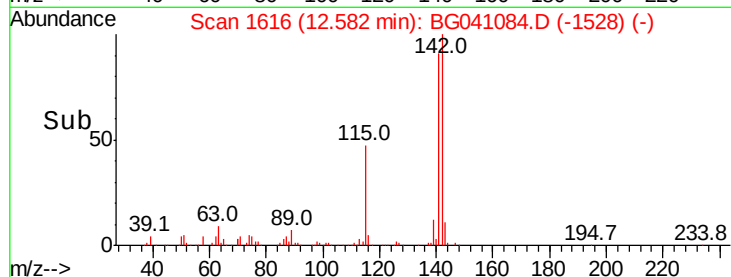
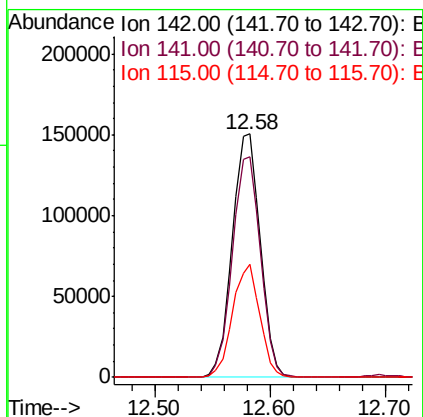
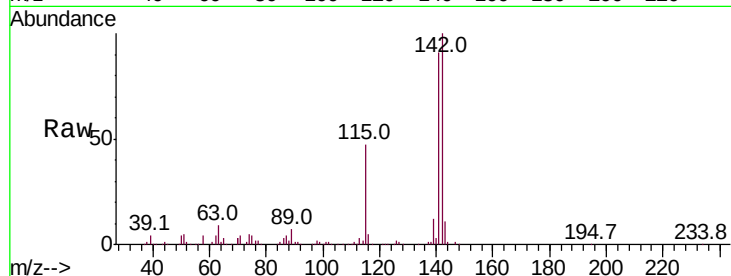




#37  
2-Methylnaphthalene  
Concen: 43.614 ng  
RT: 12.58 min Scan# 1616  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

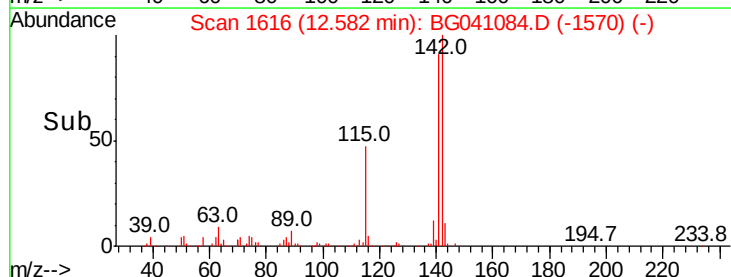
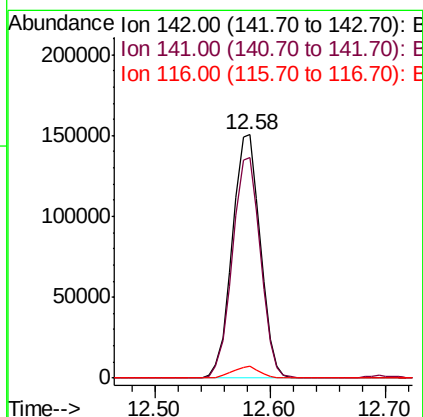
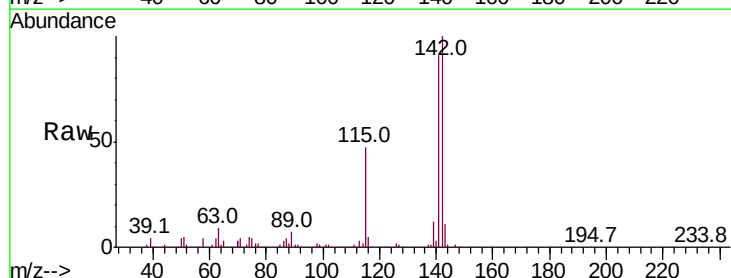
Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

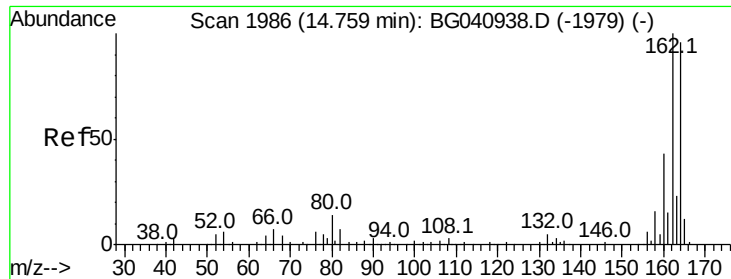
Tot Ion:142 Resp: 253407  
Ion Ratio Lower Upper  
142 100  
141 90.8 72.2 108.4  
115 46.5 36.2 54.4



#38  
1-Methylnaphthalene  
Concen: 46.283 ng  
RT: 12.58 min Scan# 1616  
Delta R.T. -0.23 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Tgt Ion:142 Resp: 253407  
Ion Ratio Lower Upper  
142 100  
141 90.8 75.7 113.5  
116 4.9 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1984

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

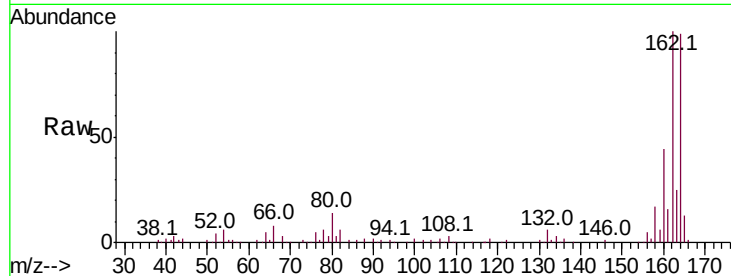
Tot Ion:164 Resp: 95465

Ion Ratio Lower Upper

164 100

162 101.1 83.0 124.4

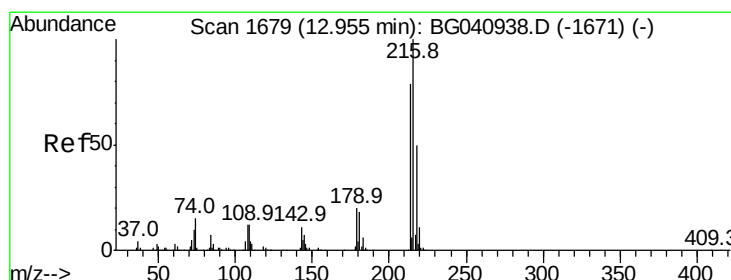
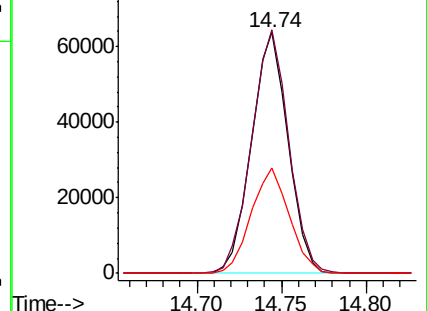
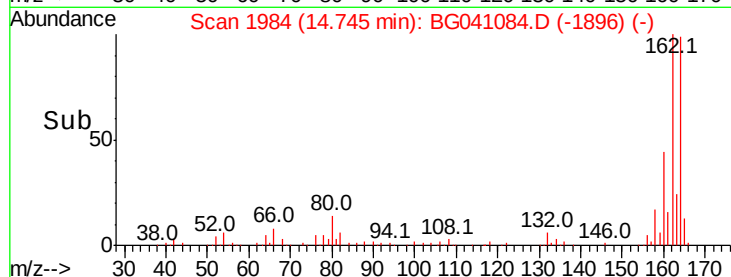
160 44.0 35.6 53.4



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: 48.429 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Tgt Ion:216 Resp: 186342

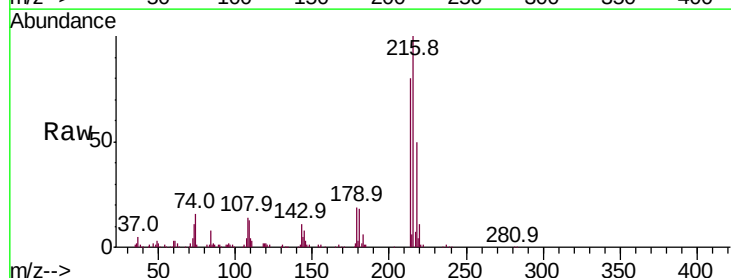
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.2

179 18.8 15.2 22.8

108 16.8 11.4 17.2

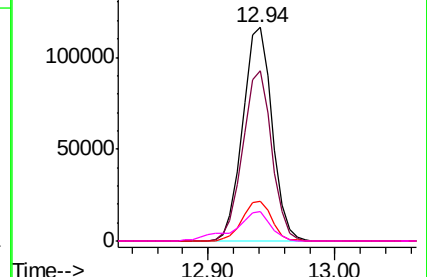
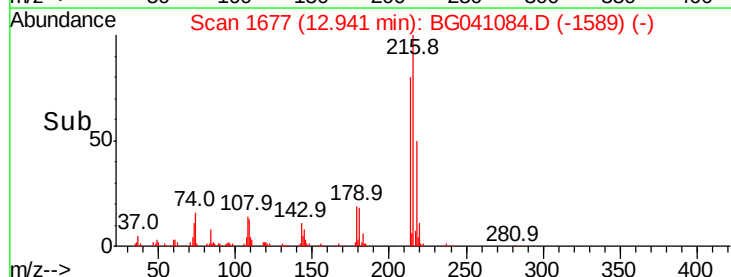


Abundance Ion 216.00 (215.70 to 216.70): E

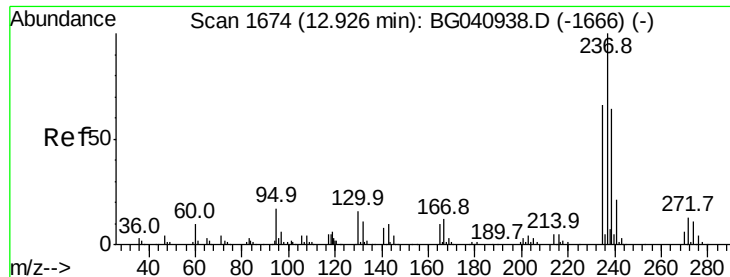
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 106.186 ng

RT: 12.91 min Scan# 1671

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

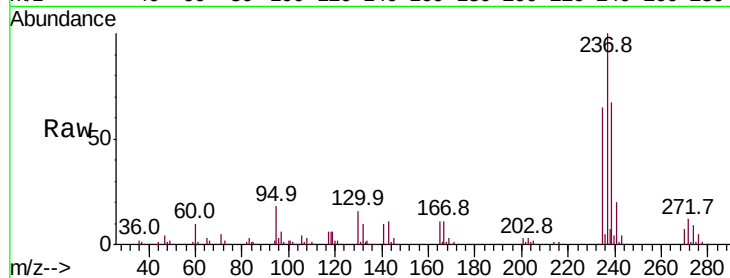
Tot Ion:237 Resp: 225845

Ion Ratio Lower Upper

237 100

235 65.2 45.5 85.5

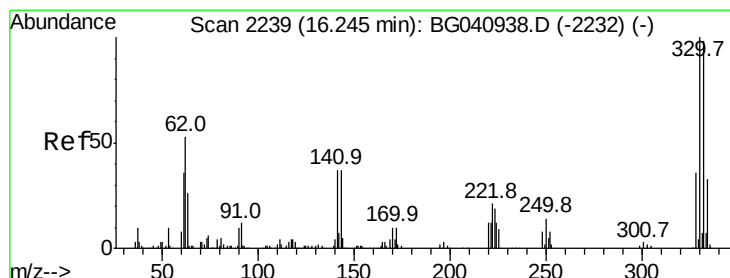
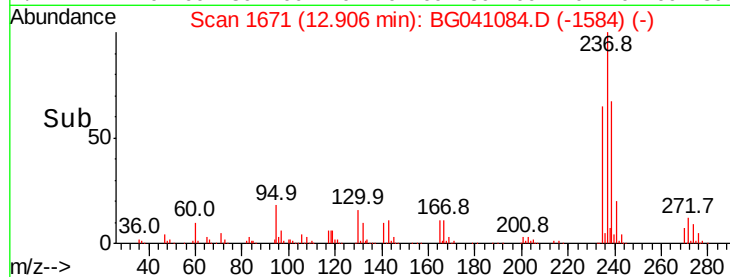
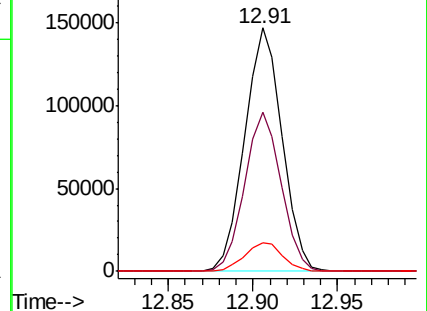
272 11.6 0.0 32.9



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: 131.732 ng

RT: 16.23 min Scan# 2237

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

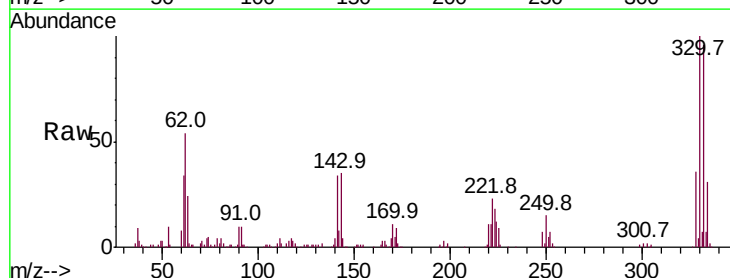
Tgt Ion:330 Resp: 186696

Ion Ratio Lower Upper

330 100

332 96.3 78.5 117.7

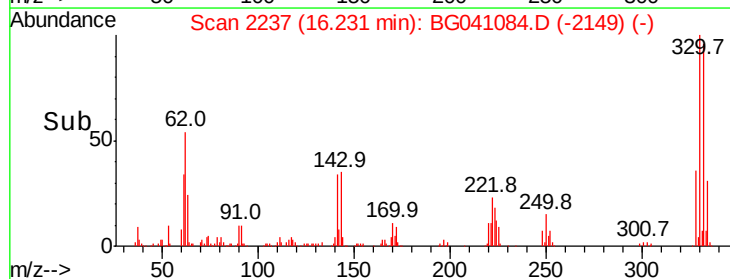
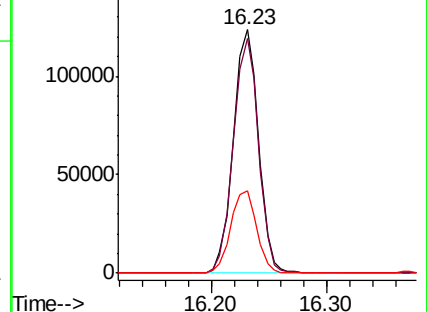
141 35.0 28.7 43.1

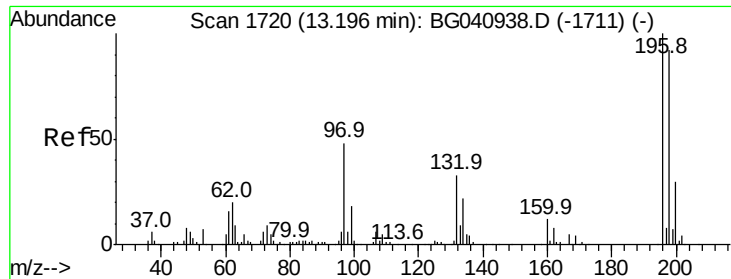


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

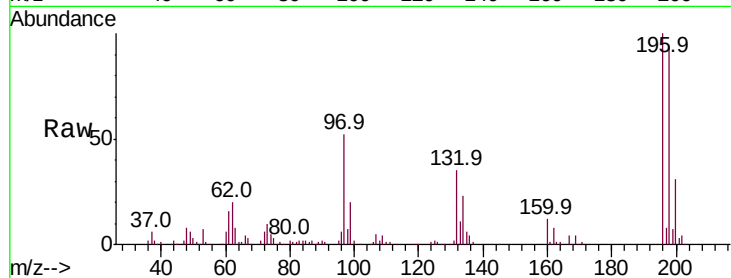




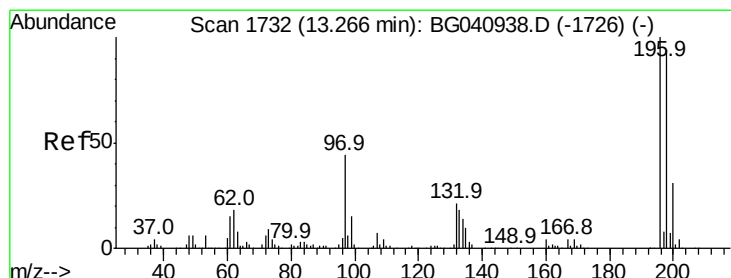
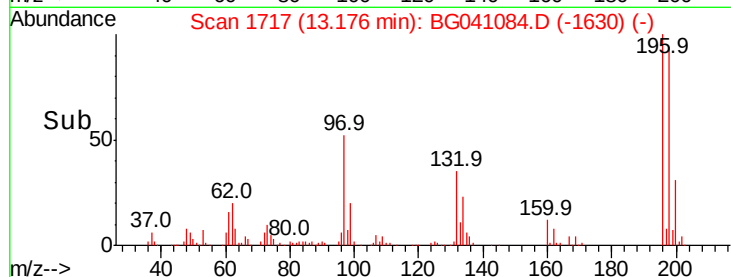
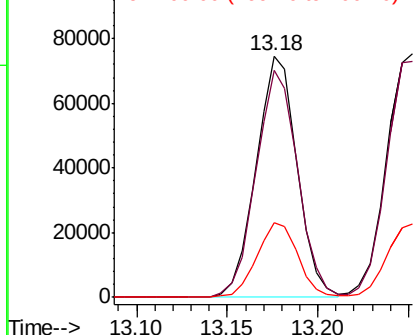
#43  
 2,4,6-Trichlorophenol  
 Concen: 46.981 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. -0.02 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120328BS

Tot Ion:196 Resp: 116942  
 Ion Ratio Lower Upper  
 196 100  
 198 94.0 73.8 110.6  
 200 30.9 24.1 36.1



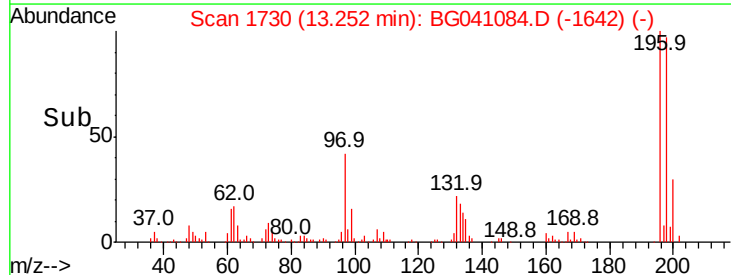
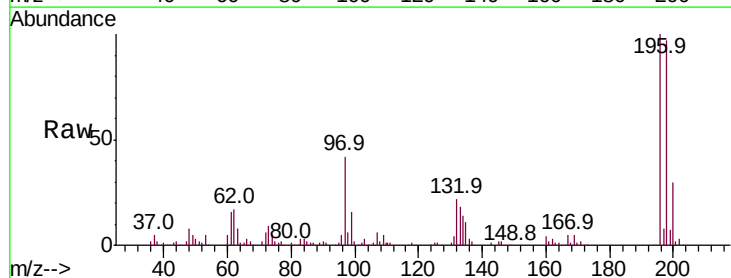
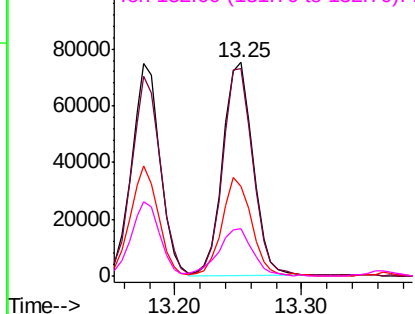
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

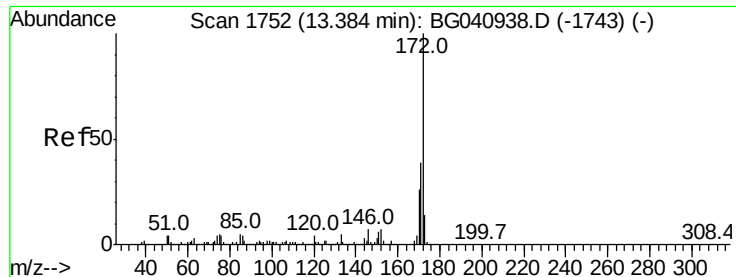


#44  
 2,4,5-Trichlorophenol  
 Concen: 47.143 ng  
 RT: 13.25 min Scan# 1730  
 Delta R.T. -0.01 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

Tgt Ion:196 Resp: 123759  
 Ion Ratio Lower Upper  
 196 100  
 198 97.1 75.1 112.7  
 97 42.0 35.6 53.4  
 132 22.1 16.7 25.1

Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E

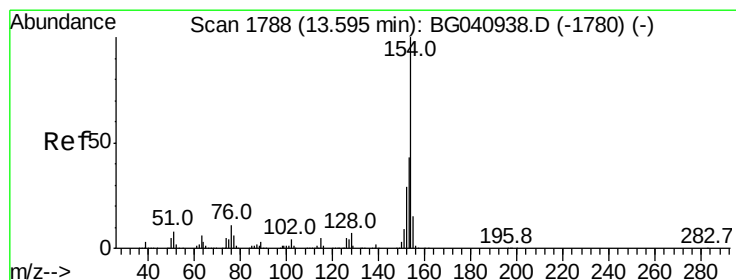
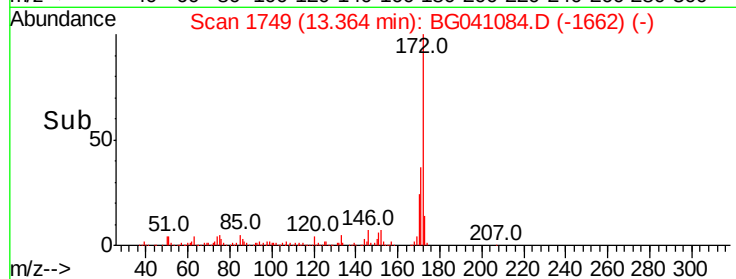
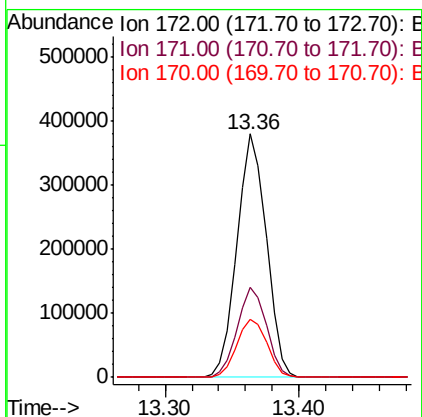
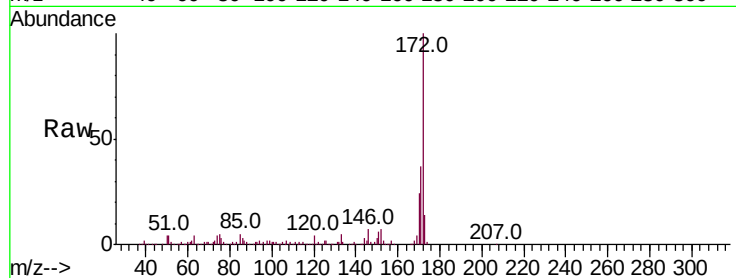




#45  
2-Fluorobiphenyl  
Concen: 87.145 ng  
RT: 13.36 min Scan# 1749  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

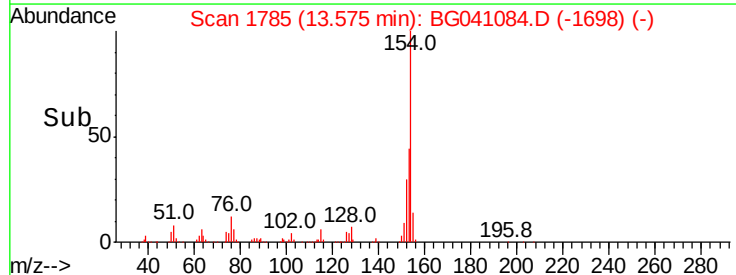
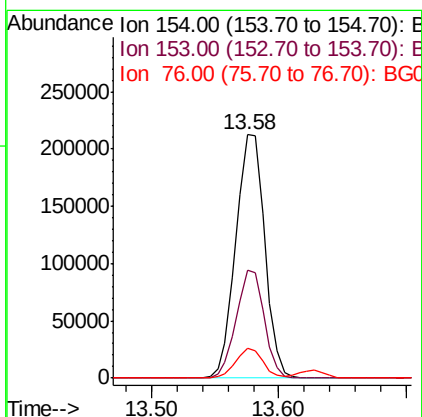
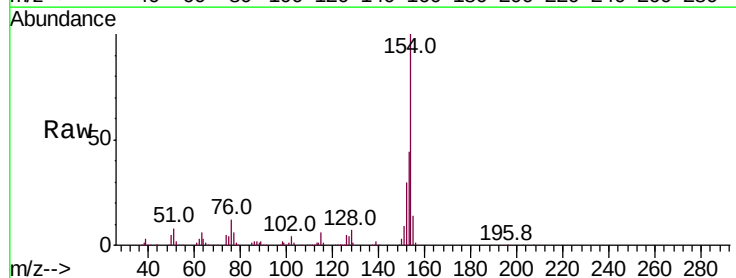
Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

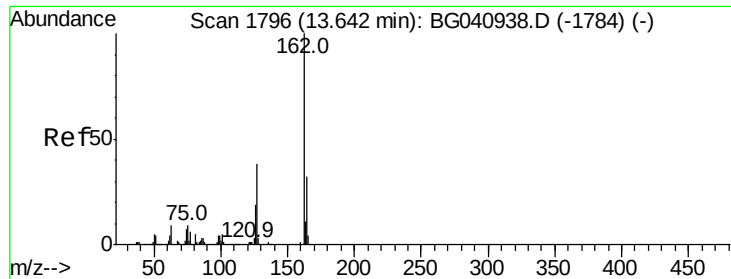
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.8  | 31.1  | 46.7  |
| 170     | 24.0  | 20.5  | 30.7  |



#46  
1,1'-Biphenyl  
Concen: 47.547 ng  
RT: 13.58 min Scan# 1785  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 44.1  | 23.3  | 63.3  |
| 76      | 12.3  | 0.0   | 31.1  |

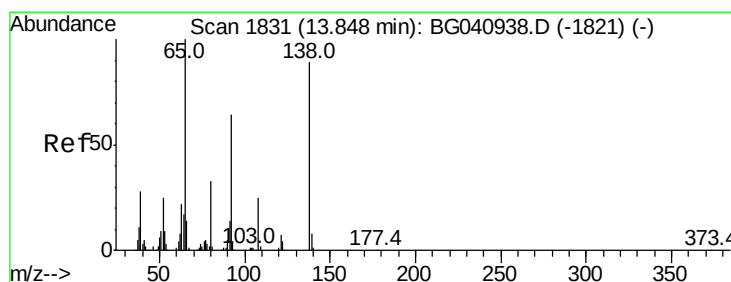
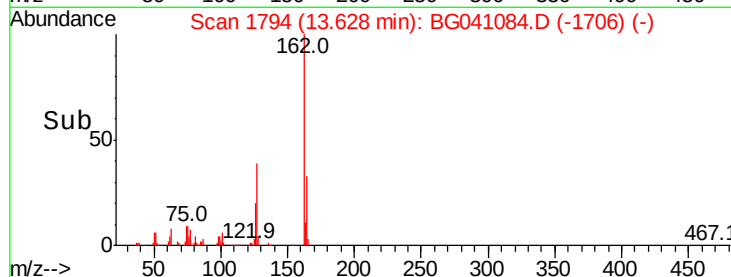
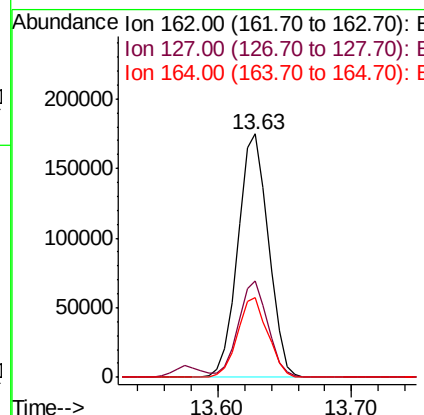
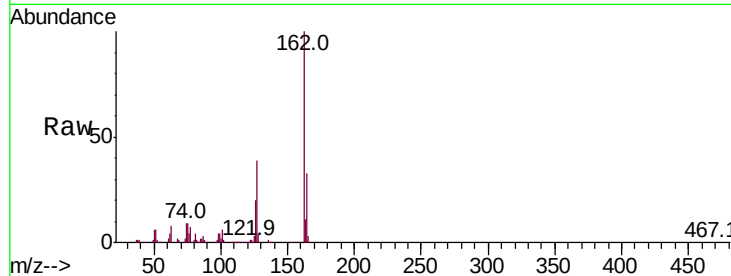




#47  
2-Chloronaphthalene  
Concen: 45.770 ng  
RT: 13.63 min Scan# 1794  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

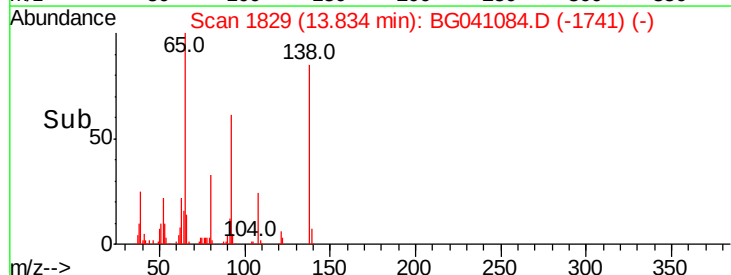
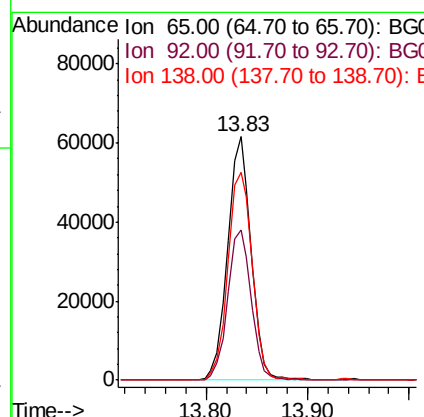
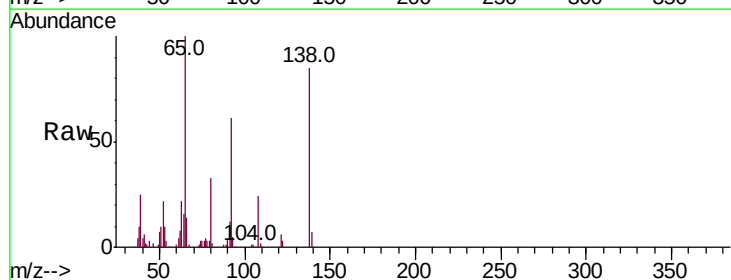
Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

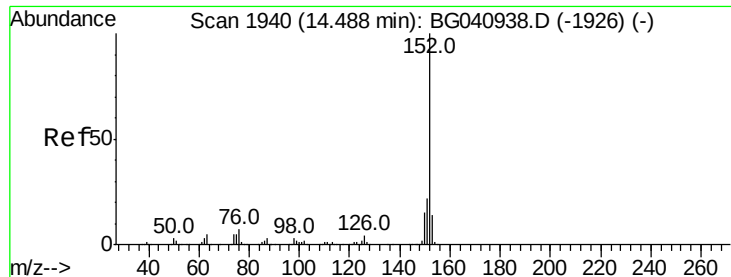
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.5  | 30.5  | 45.7  |
| 164     | 32.7  | 25.8  | 38.6  |



#48  
2-Nitroaniline  
Concen: 45.306 ng  
RT: 13.83 min Scan# 1829  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 61.4  | 51.0  | 76.6  |
| 138     | 85.5  | 71.2  | 106.8 |





#49

Acenaphthylene

Concen: 47.100 ng

RT: 14.47 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

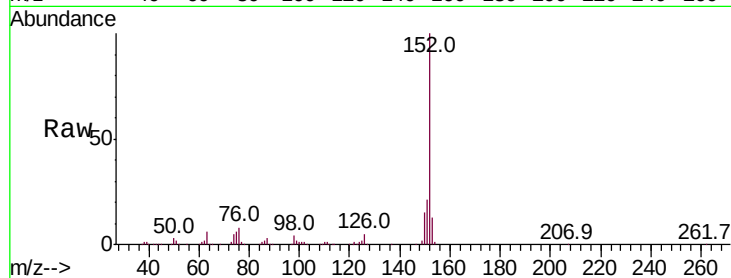
Tot Ion:152 Resp: 430042

Ion Ratio Lower Upper

152 100

151 20.9 17.4 26.0

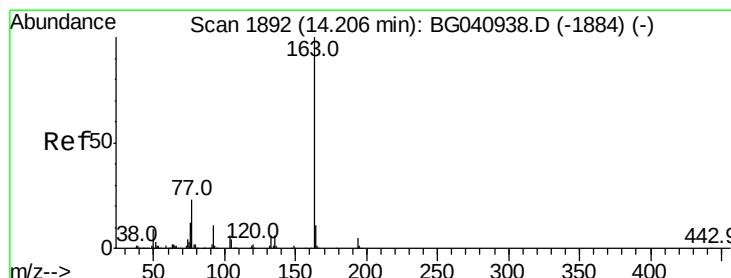
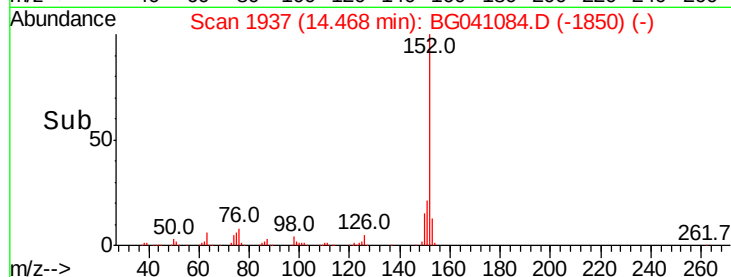
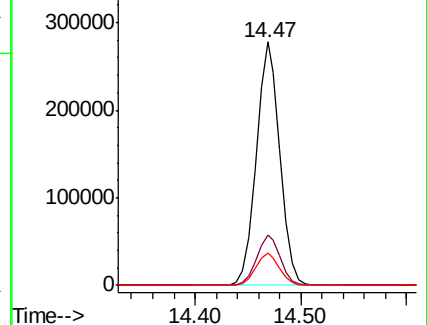
153 13.4 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.193 ng

RT: 14.19 min Scan# 1890

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

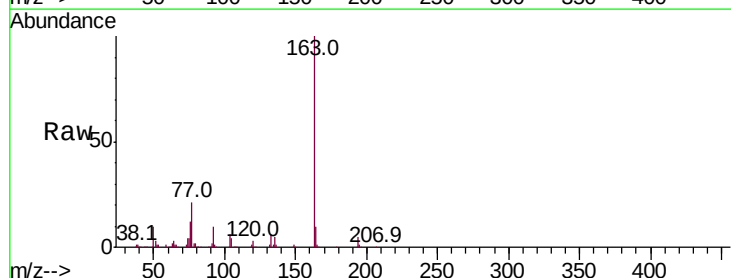
Tgt Ion:163 Resp: 357132

Ion Ratio Lower Upper

163 100

194 4.6 3.8 5.8

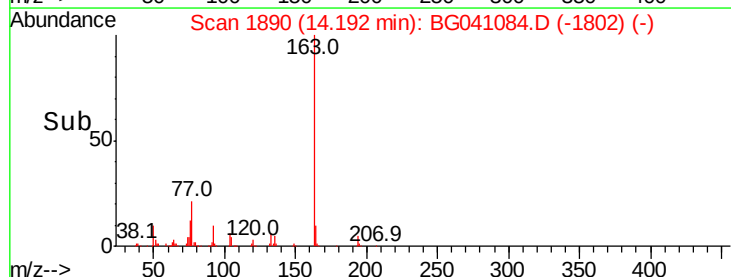
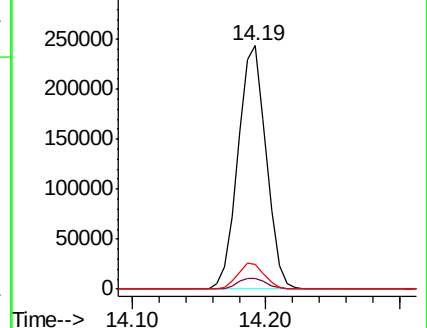
164 10.4 8.7 13.1

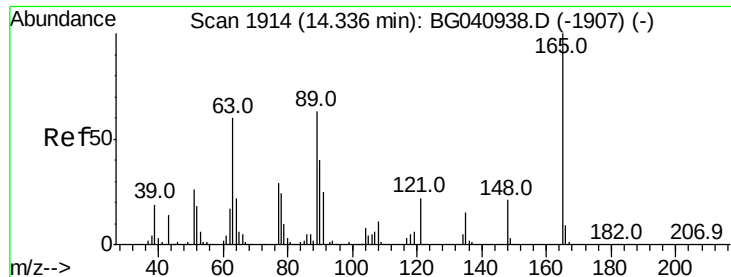


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.124 ng

RT: 14.32 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

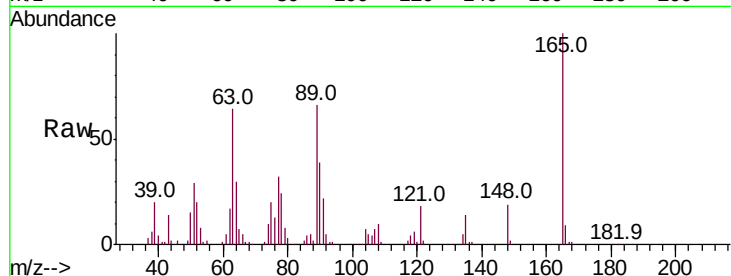
Tot Ion:165 Resp: 80365

Ion Ratio Lower Upper

165 100

63 64.3 53.6 80.4

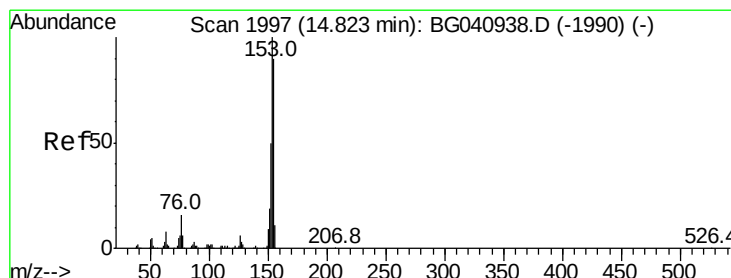
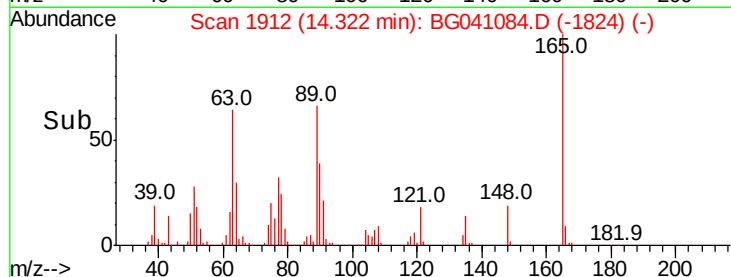
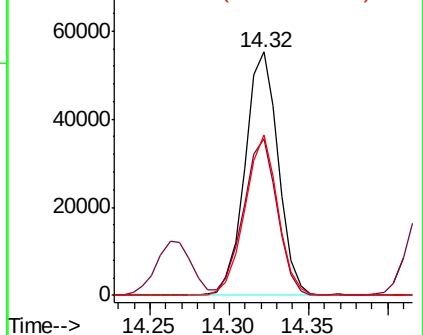
89 65.9 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 46.066 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

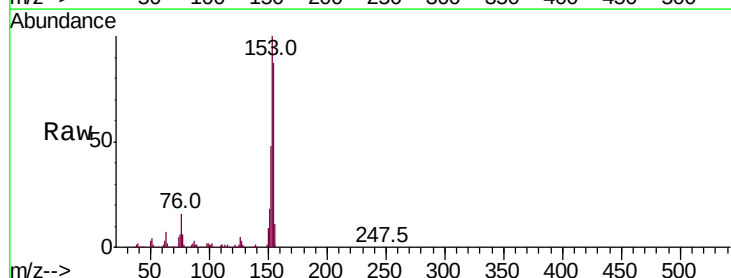
Tgt Ion:154 Resp: 254800

Ion Ratio Lower Upper

154 100

153 114.6 88.6 133.0

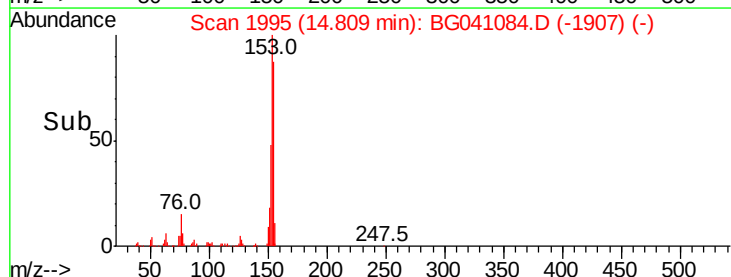
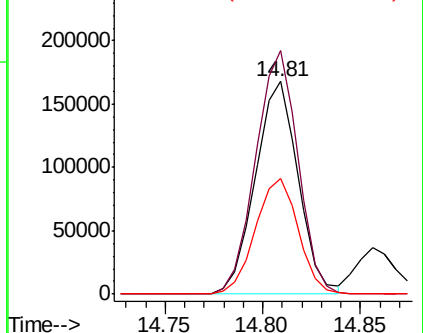
152 54.5 44.2 66.4

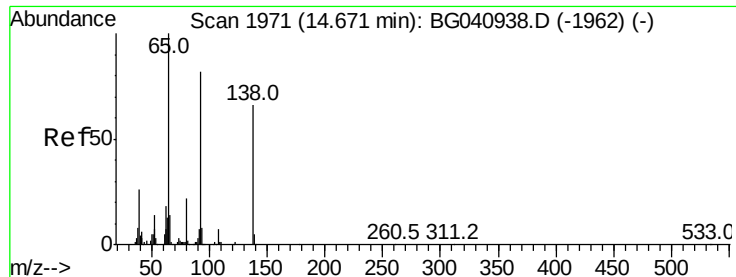


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.005 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

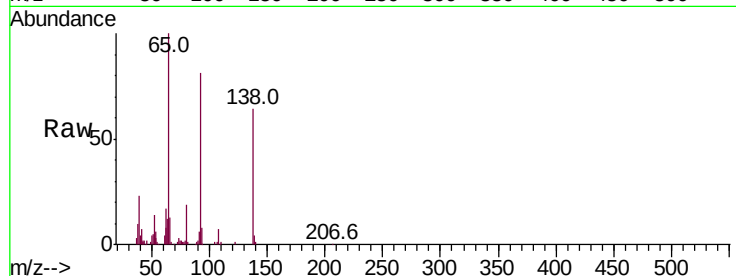
Tot Ion:138 Resp: 55762

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

92 126.4 99.0 148.6

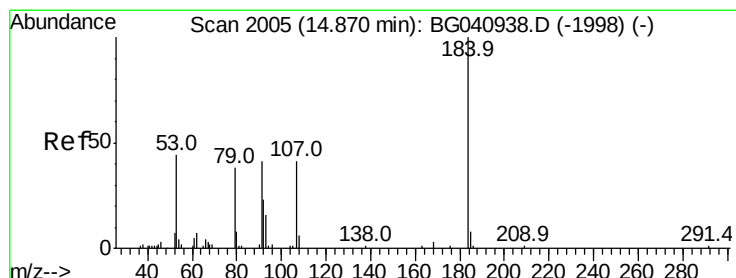
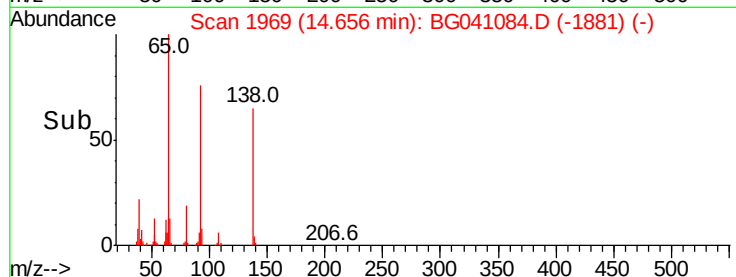
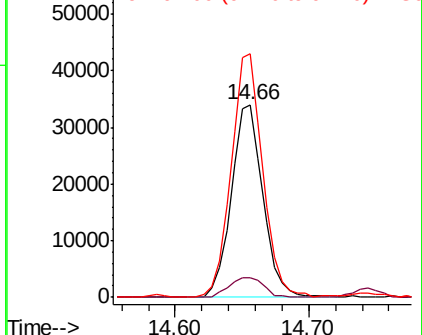


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 91.488 ng

RT: 14.86 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

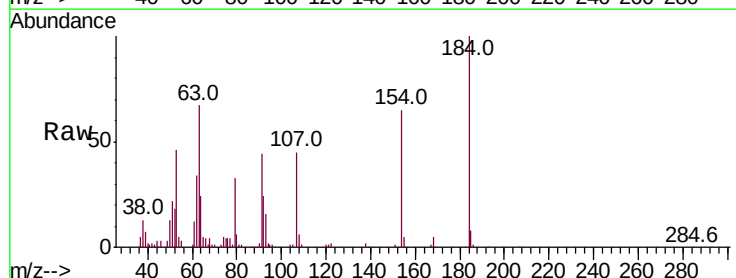
Tgt Ion:184 Resp: 88226

Ion Ratio Lower Upper

184 100

63 67.4 49.8 74.6

154 65.5 52.2 78.4

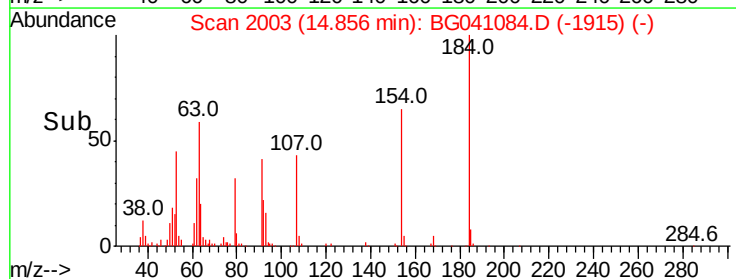
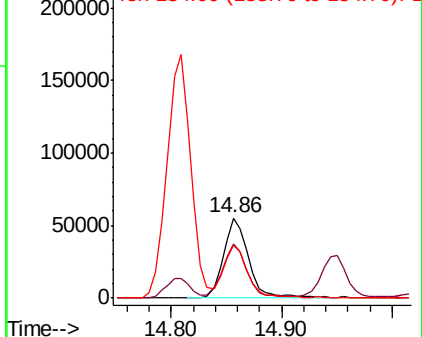


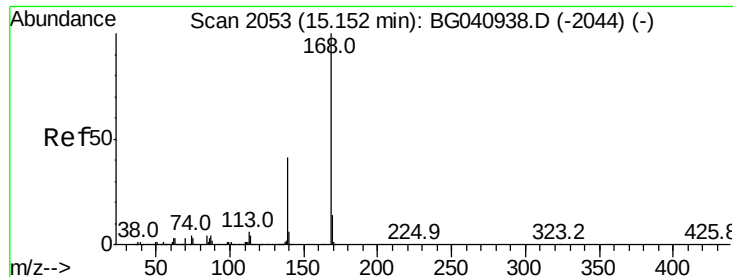
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 46.903 ng

RT: 15.14 min Scan# 2051

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

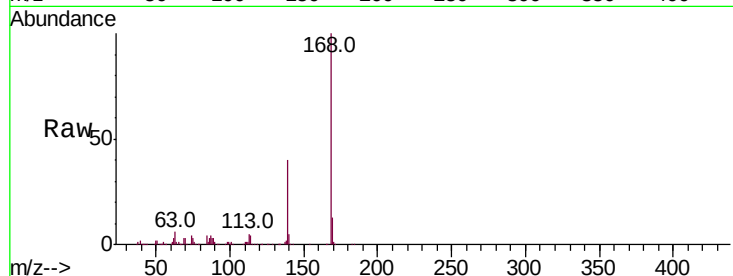
Tot Ion:168 Resp: 436529

Ion Ratio Lower Upper

168 100

139 39.6 32.8 49.2

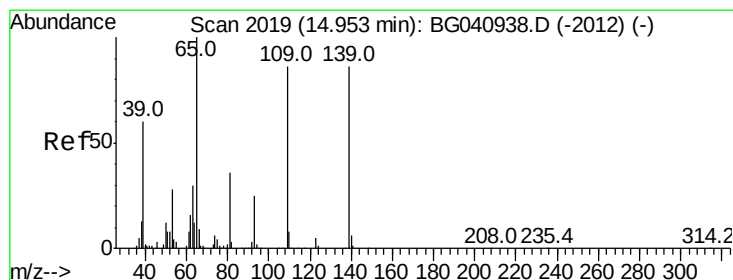
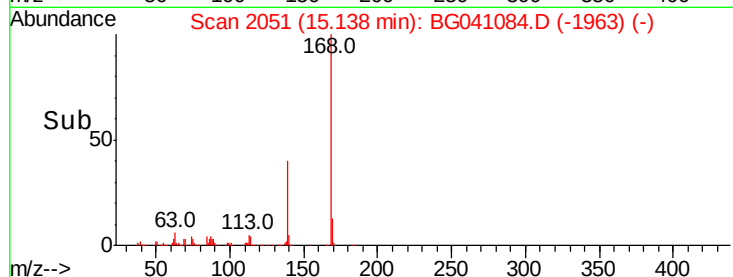
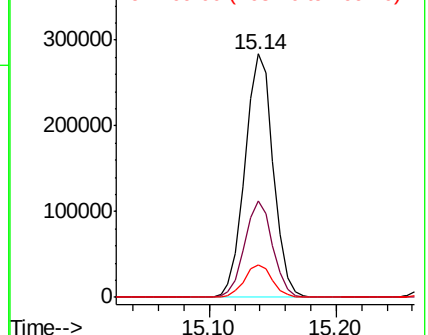
169 13.4 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 102.453 ng

RT: 14.95 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

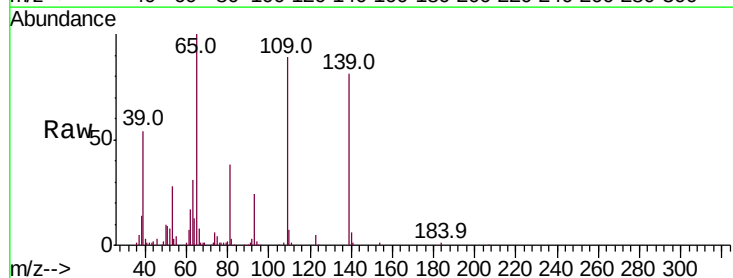
Tgt Ion:139 Resp: 122438

Ion Ratio Lower Upper

139 100

109 110.0 79.6 119.6

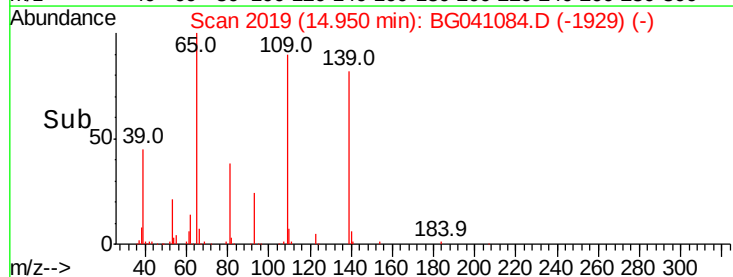
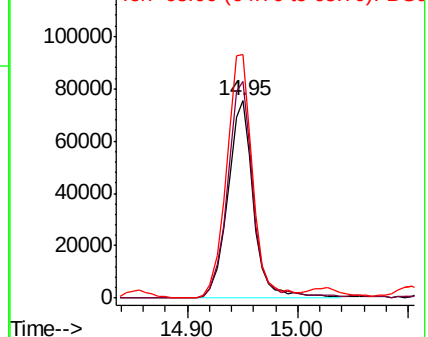
65 123.6 96.9 136.9



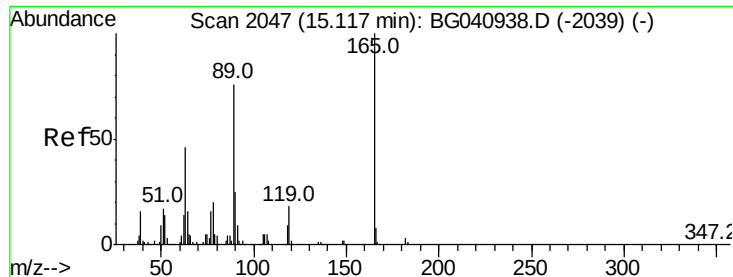
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



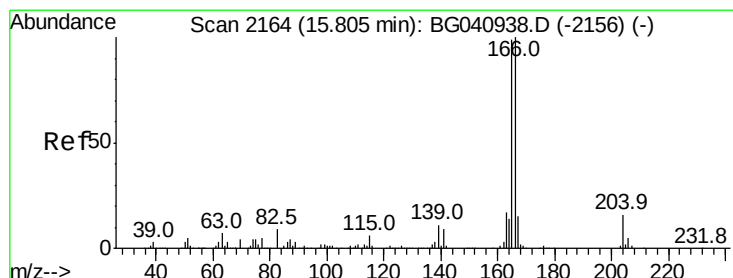
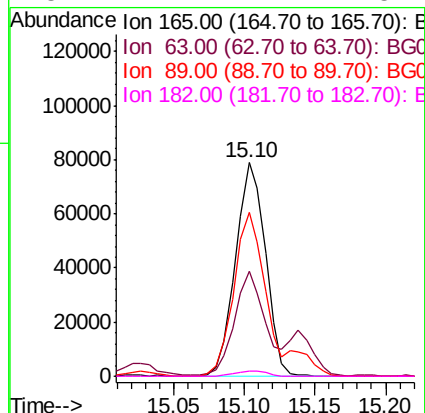
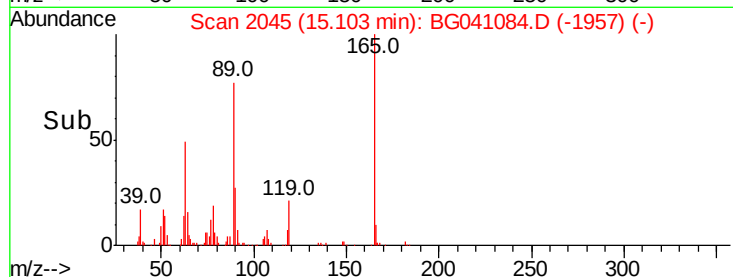
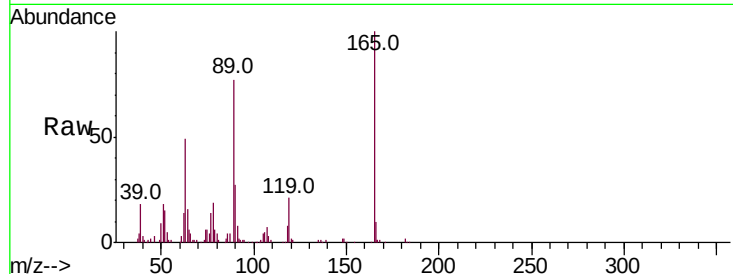




#57  
2,4-Dinitrotoluene  
Concen: 47.439 ng  
RT: 15.10 min Scan# 2045  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

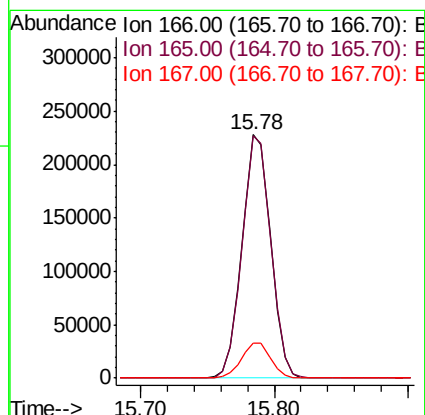
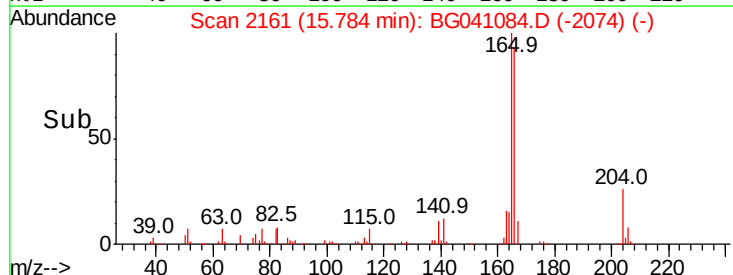
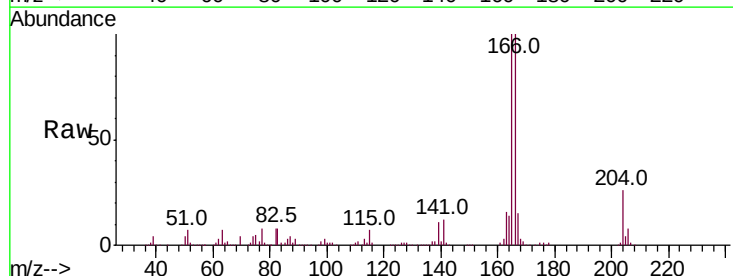
Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

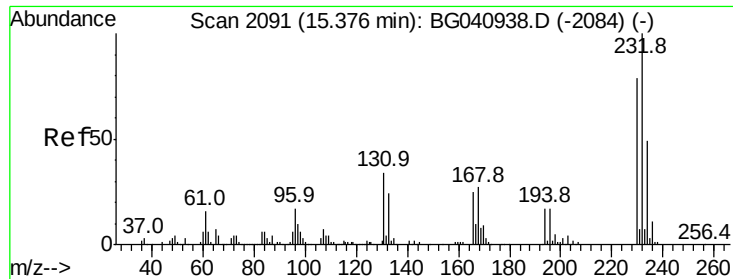
Tot Ion:165 Resp: 116758  
Ion Ratio Lower Upper  
165 100  
63 49.1 37.3 55.9  
89 77.0 61.0 91.6  
182 2.4 2.2 3.2



#58  
Fluorene  
Concen: 45.529 ng  
RT: 15.78 min Scan# 2161  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Tgt Ion:166 Resp: 337461  
Ion Ratio Lower Upper  
166 100  
165 99.8 79.2 118.8  
167 14.6 11.8 17.6

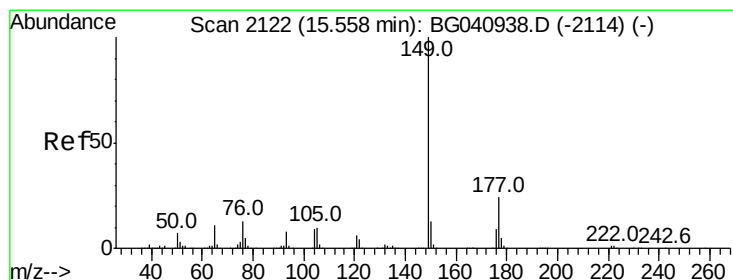
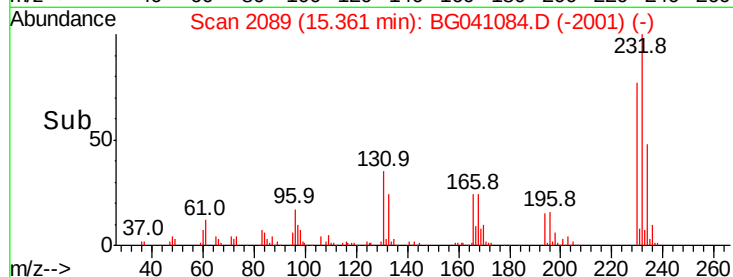
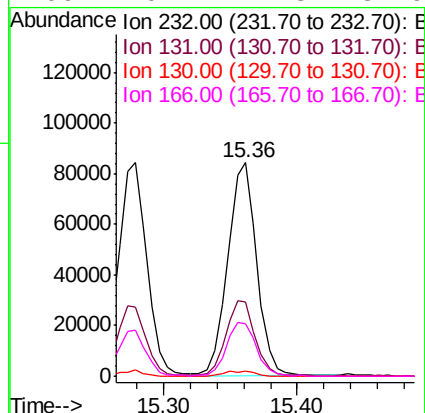
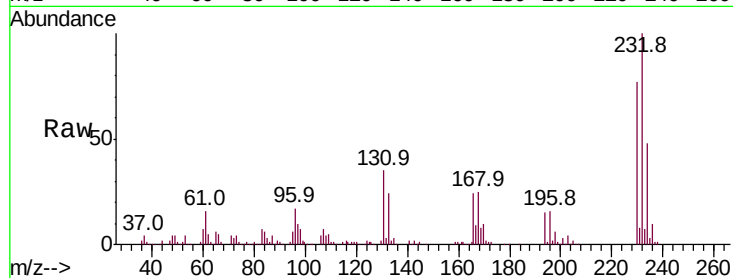




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 49.617 ng  
 RT: 15.36 min Scan# 2089  
 Delta R.T. -0.01 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

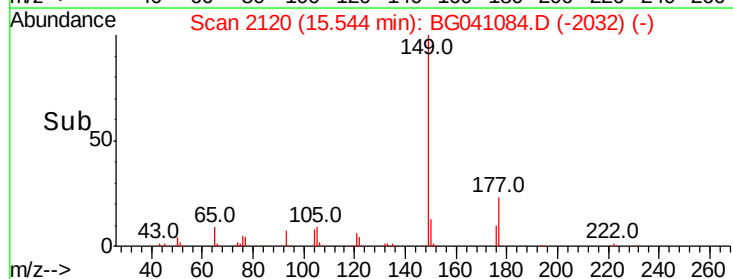
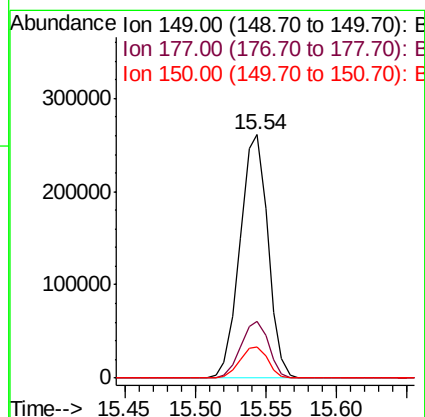
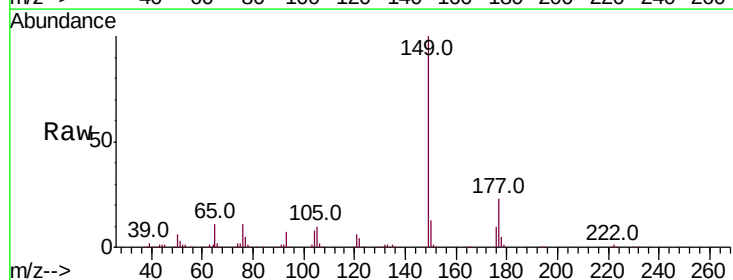
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120328BS

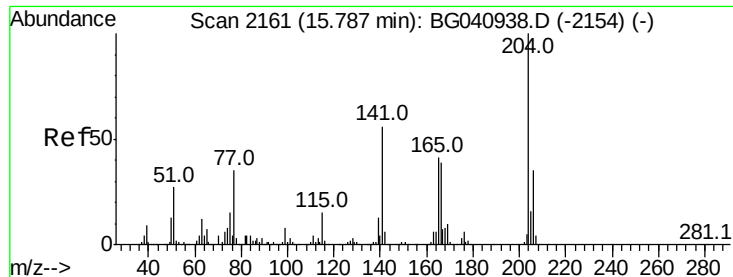
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 128005 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 36.4  | 30.3  | 45.5   |
| 130      | 2.4   | 1.8   | 2.8    |
| 166      | 26.2  | 21.3  | 31.9   |



#60  
 Diethylphthalate  
 Concen: 43.721 ng  
 RT: 15.54 min Scan# 2120  
 Delta R.T. -0.01 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 360568 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.3  | 19.4  | 29.0   |
| 150      | 12.8  | 10.3  | 15.5   |

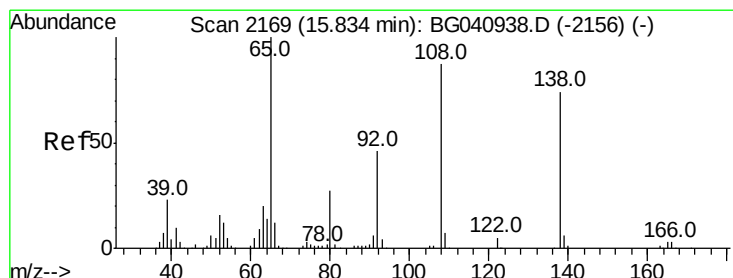
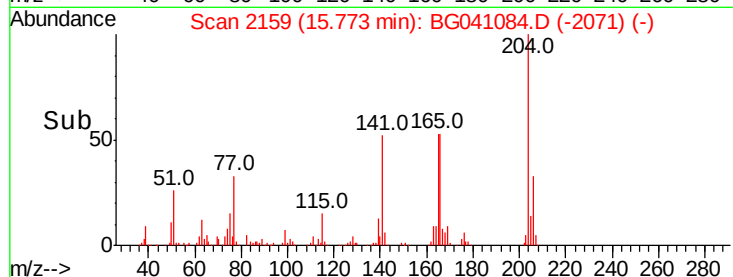
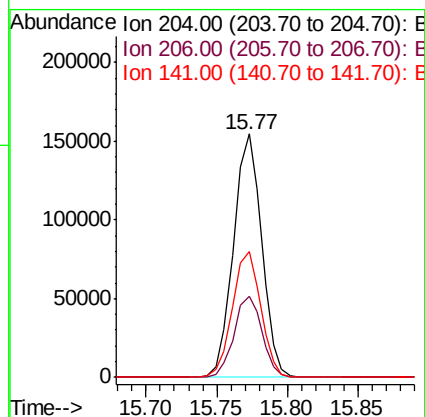
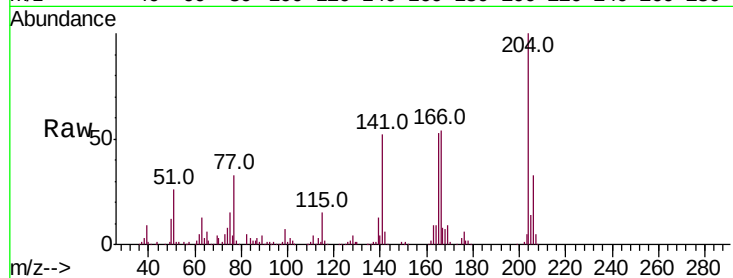




#61  
4-Chlorophenyl-phenylether  
Concen: 44.615 ng  
RT: 15.77 min Scan# 2159  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

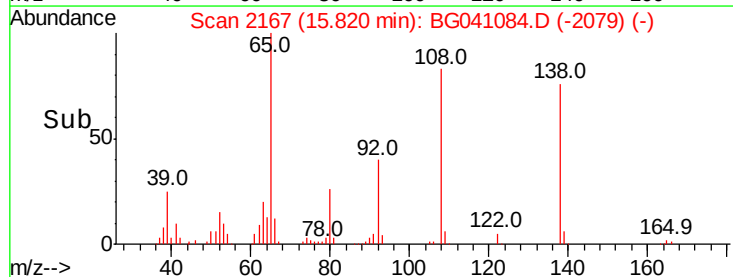
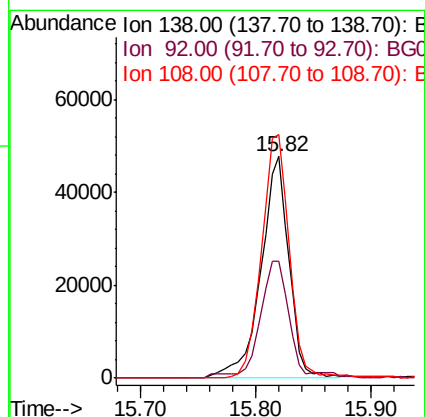
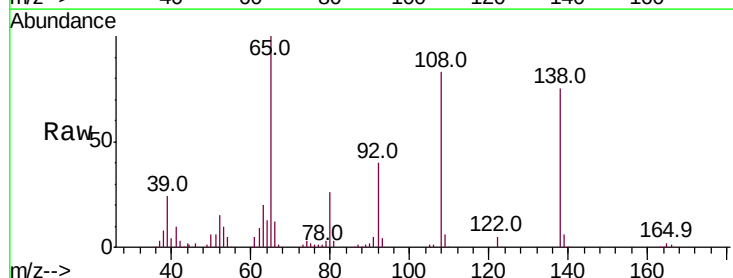
Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

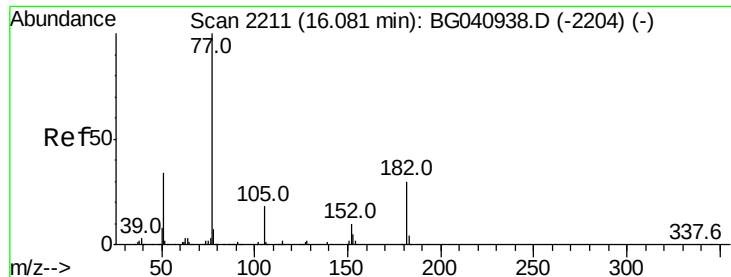
Tot Ion:204 Resp: 214939  
Ion Ratio Lower Upper  
204 100  
206 33.2 27.6 41.4  
141 51.7 45.1 67.7



#62  
4-Nitroaniline  
Concen: 43.829 ng  
RT: 15.82 min Scan# 2167  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Tgt Ion:138 Resp: 80844  
Ion Ratio Lower Upper  
138 100  
92 53.0 42.4 82.4  
108 110.0 96.9 136.9





#63

Azobenzene

Concen: 44.962 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

Tot Ion: 77 Resp: 337023

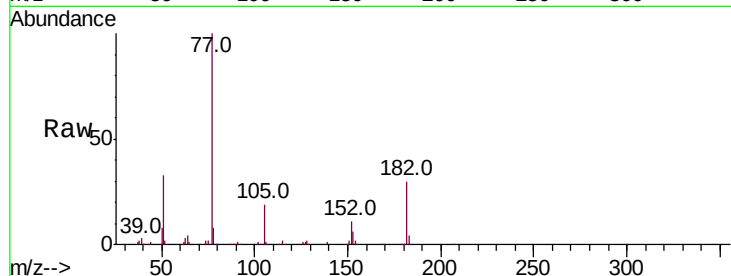
Ion Ratio Lower Upper

77 100

182 30.0 9.6 49.6

105 18.8 0.0 37.5

51 33.4 13.7 53.7

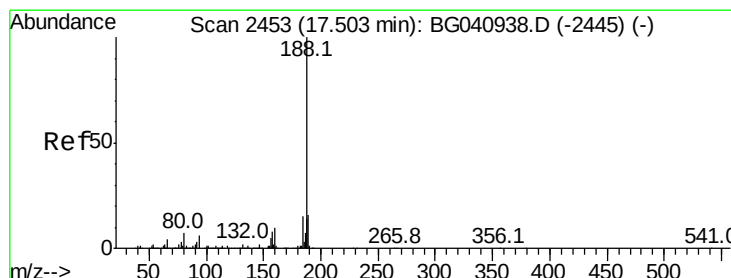
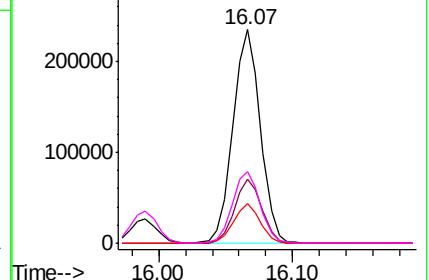
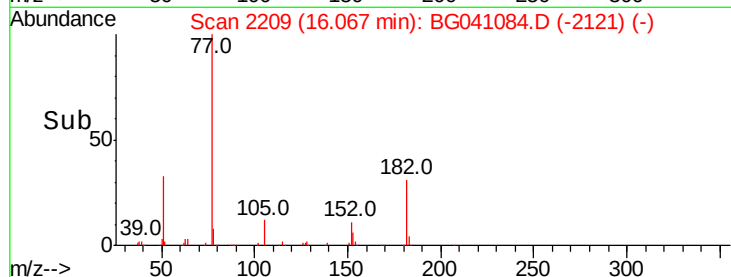


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

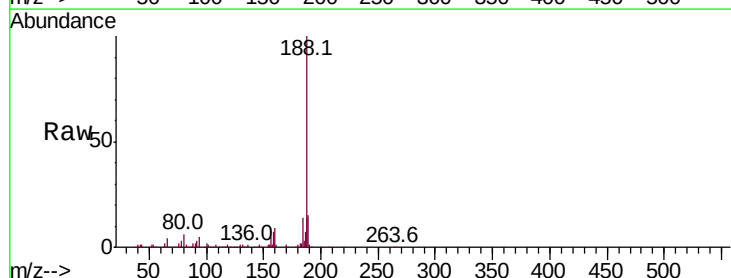
Tgt Ion: 188 Resp: 244335

Ion Ratio Lower Upper

188 100

94 5.5 4.7 7.1

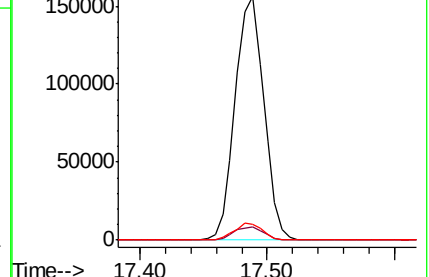
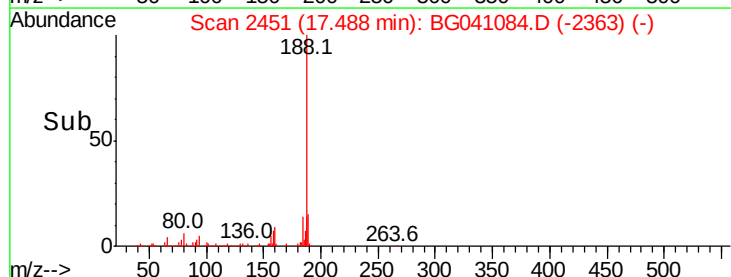
80 6.5 5.8 8.8

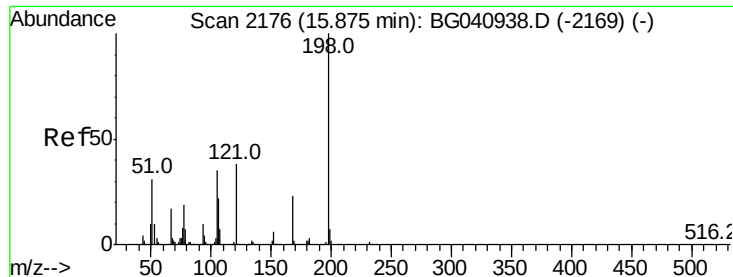


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 51.658 ng

RT: 15.86 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

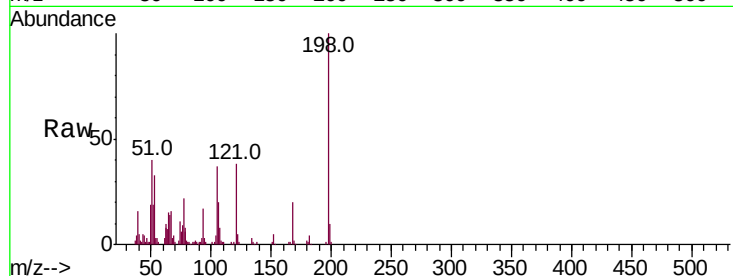
BNA\_G

ClientSampleId :

PB120328BS

Tot Ion:198 Resp: 68679

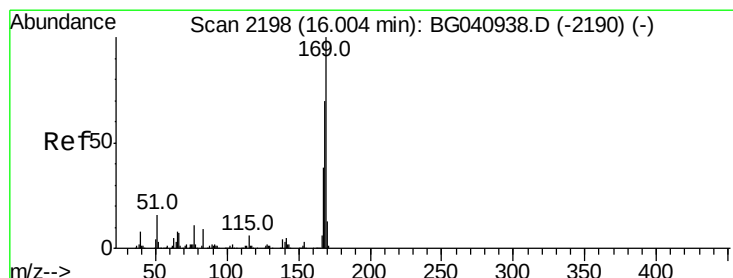
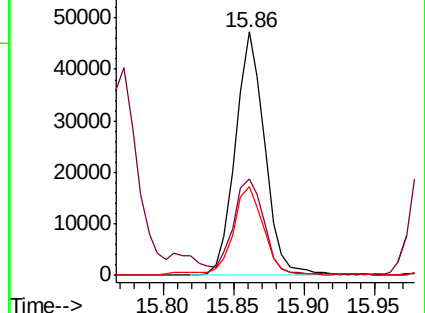
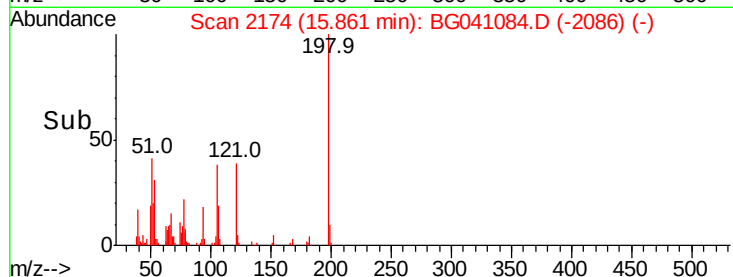
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 39.8  | 21.6  | 61.6  |
| 105 | 36.5  | 17.5  | 57.5  |



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: 45.317 ng

RT: 15.99 min Scan# 2196

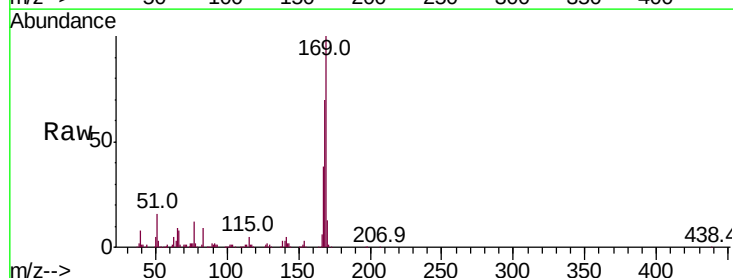
Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Tgt Ion:169 Resp: 311264

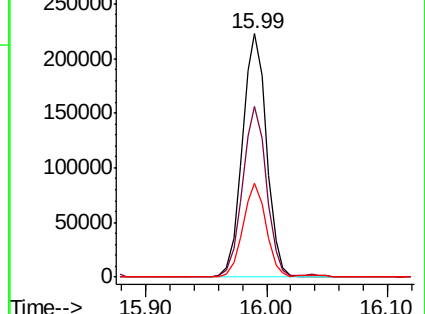
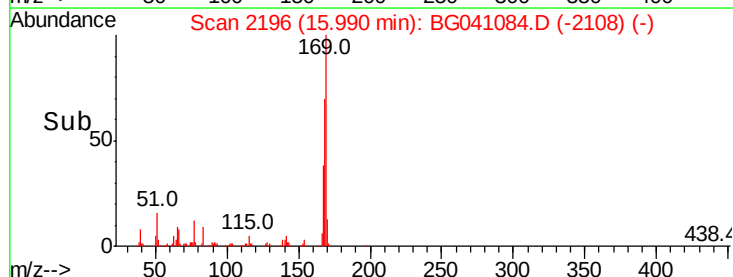
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 70.1  | 55.7  | 83.5  |
| 167 | 38.4  | 30.2  | 45.2  |

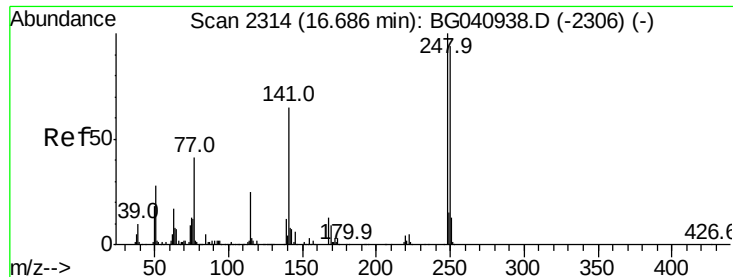


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

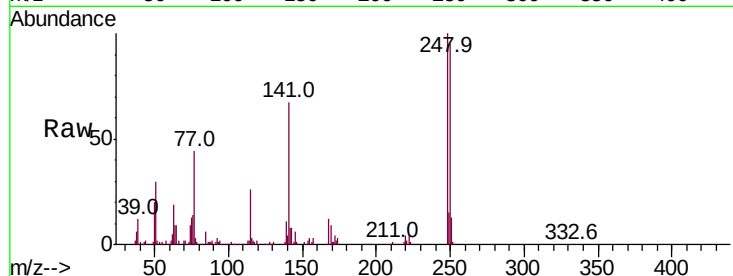




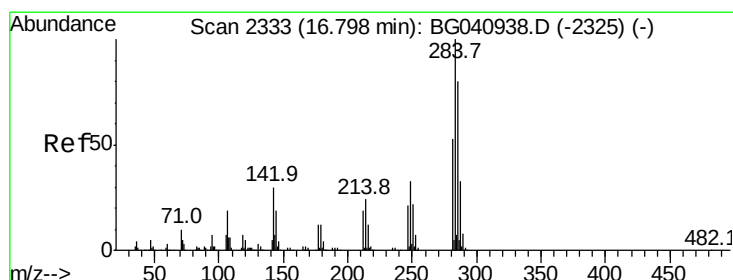
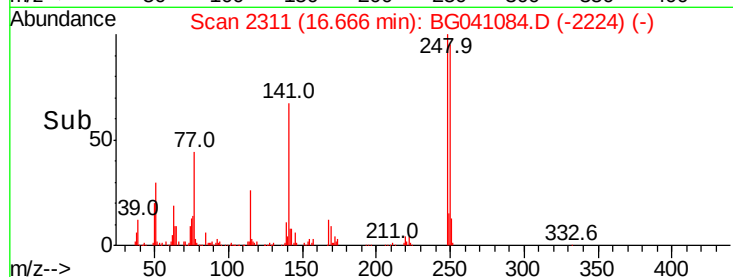
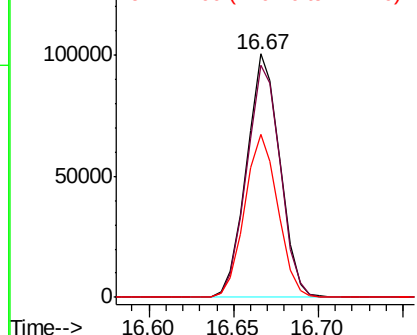
#67  
4-Bromophenyl-phenylether  
Concen: 41.828 ng  
RT: 16.67 min Scan# 2311  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

Tot Ion:248 Resp: 137924  
Ion Ratio Lower Upper  
248 100  
250 95.2 75.0 112.4  
141 66.8 52.4 78.6

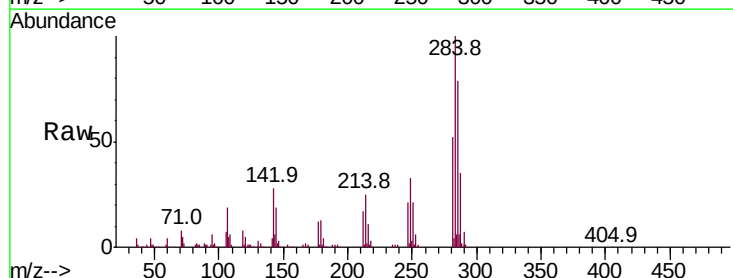


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

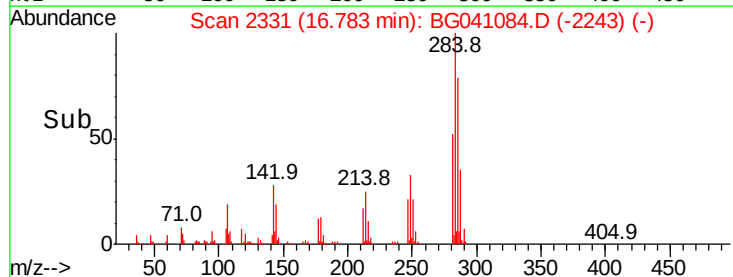
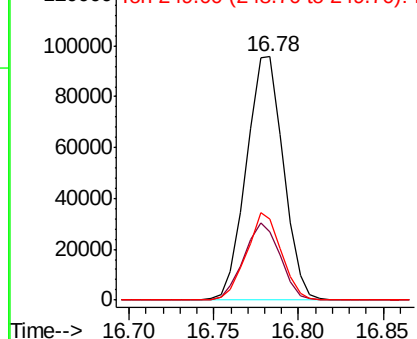


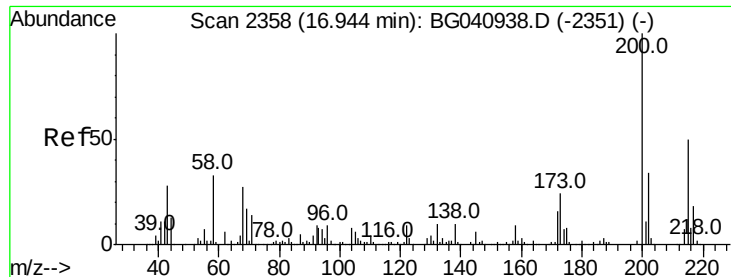
#68  
Hexachlorobenzene  
Concen: 41.695 ng  
RT: 16.78 min Scan# 2331  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Tgt Ion:284 Resp: 146400  
Ion Ratio Lower Upper  
284 100  
142 27.8 23.9 35.9  
249 33.3 26.8 40.2



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

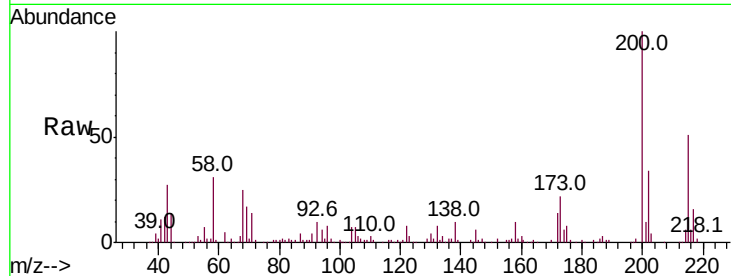




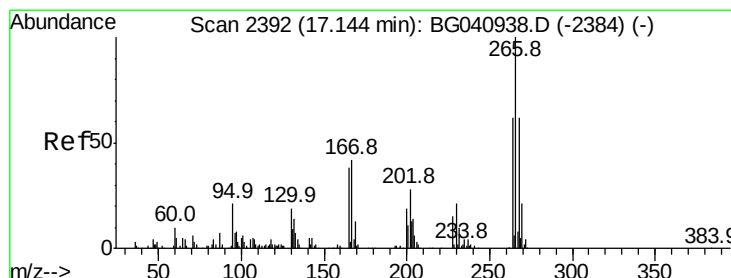
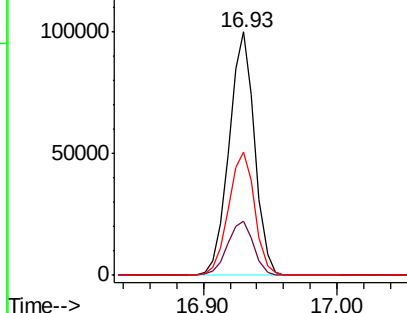
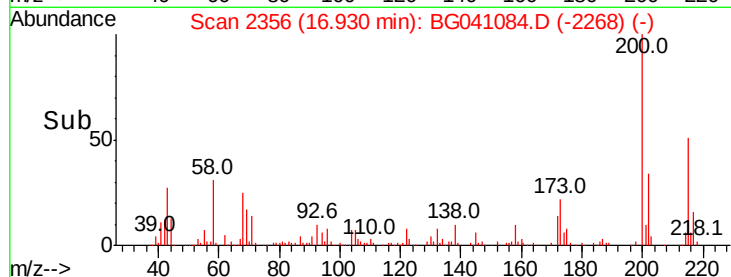
#69  
Atrazine  
Concen: 50.650 ng  
RT: 16.93 min Scan# 2356  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 22.5  | 3.6   | 43.6  |
| 215     | 50.7  | 29.6  | 69.6  |

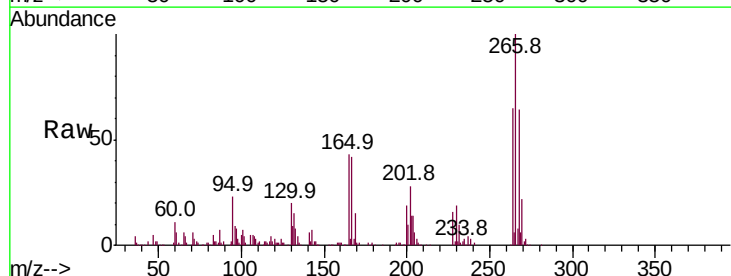


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

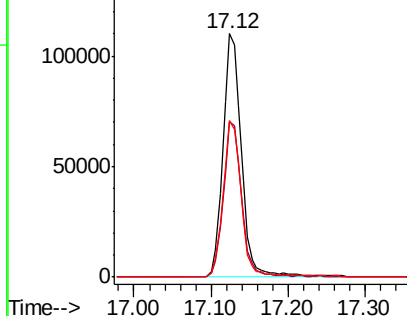
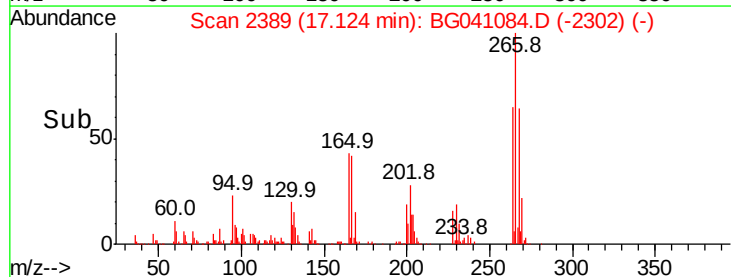


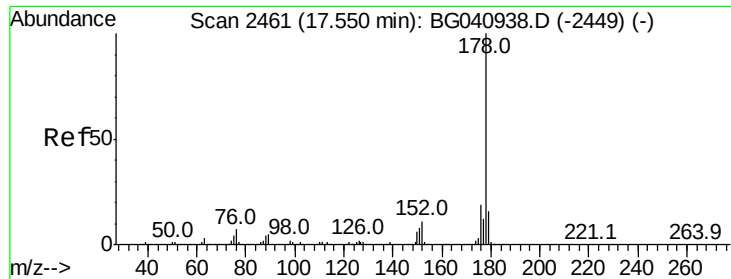
#70  
Pentachlorophenol  
Concen: 96.908 ng  
RT: 17.12 min Scan# 2389  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.9  | 53.1  | 79.7  |
| 264     | 64.6  | 49.9  | 74.9  |



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

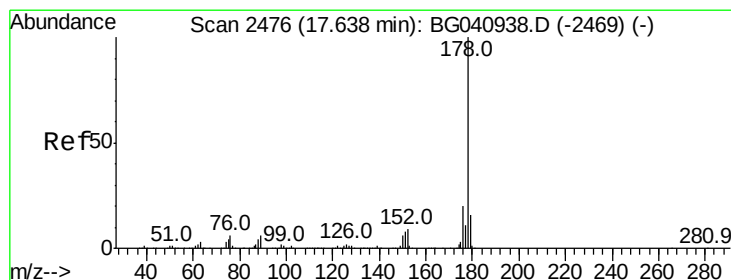
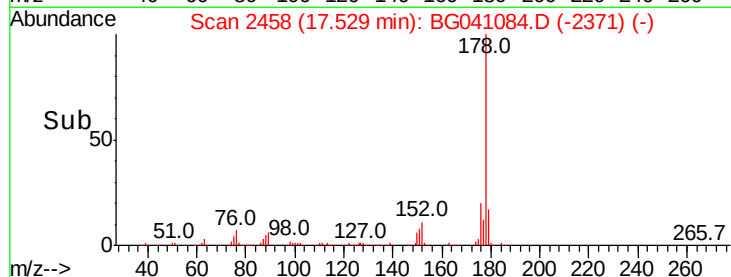
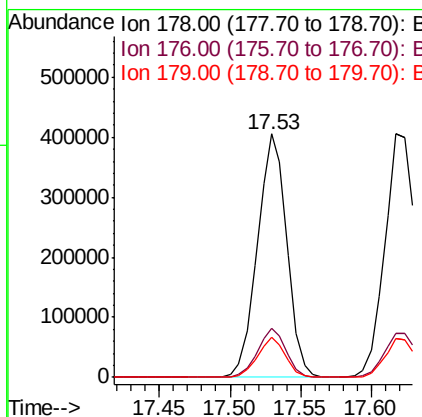
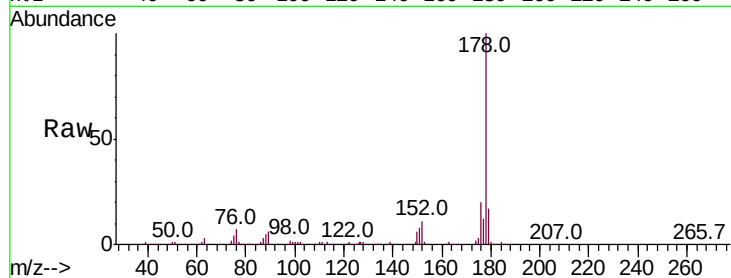




#71  
Phenanthrene  
Concen: 46.506 ng  
RT: 17.53 min Scan# 2458  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

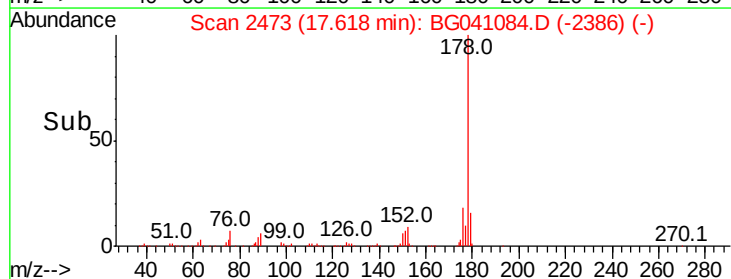
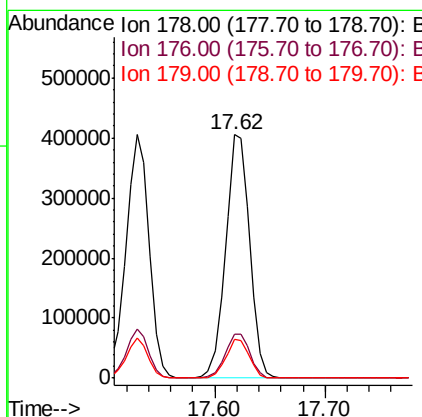
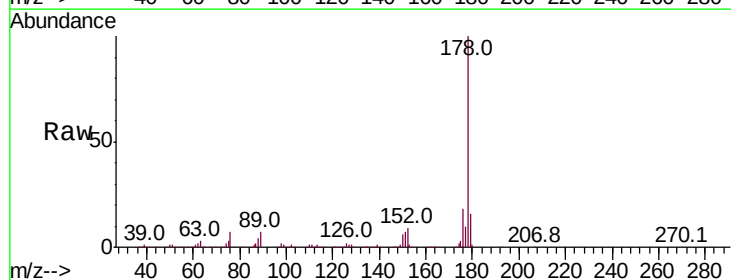
Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

Tot Ion:178 Resp: 591879  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.5 23.3  
179 16.6 12.7 19.1

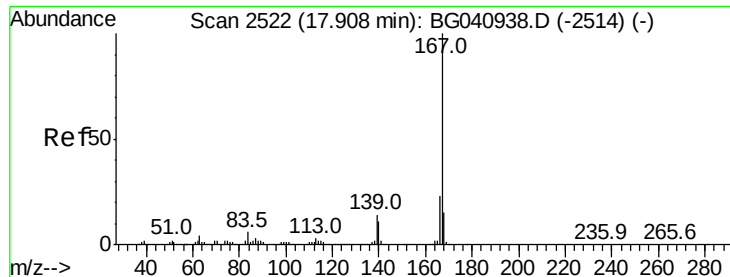


#72  
Anthracene  
Concen: 49.201 ng  
RT: 17.62 min Scan# 2473  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Tgt Ion:178 Resp: 617584  
Ion Ratio Lower Upper  
178 100  
176 17.9 15.6 23.4  
179 15.8 13.0 19.4



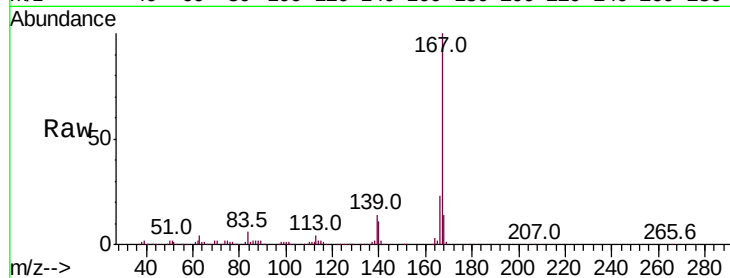




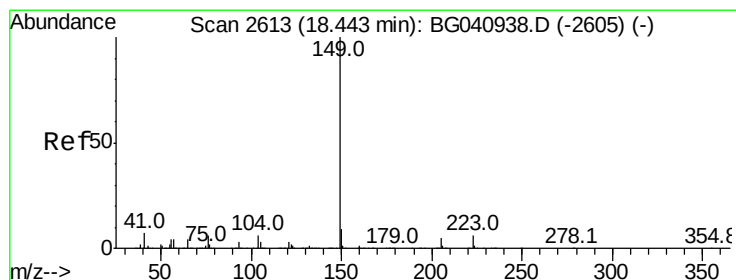
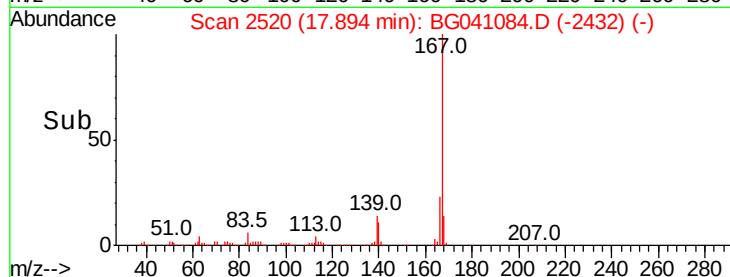
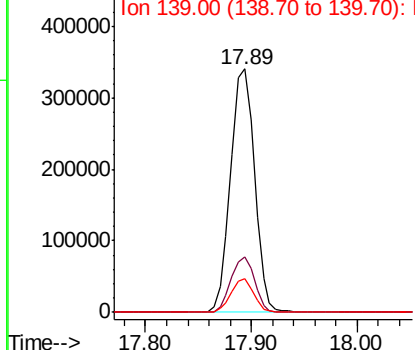
#73  
 Carbazole  
 Concen: 49.685 ng  
 RT: 17.89 min Scan# 2520  
 Delta R.T. -0.01 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB120328BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 22.8  | 18.2  | 27.4  |
| 139     | 13.7  | 10.8  | 16.2  |

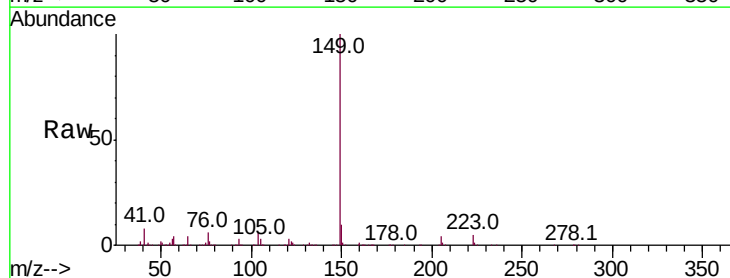


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

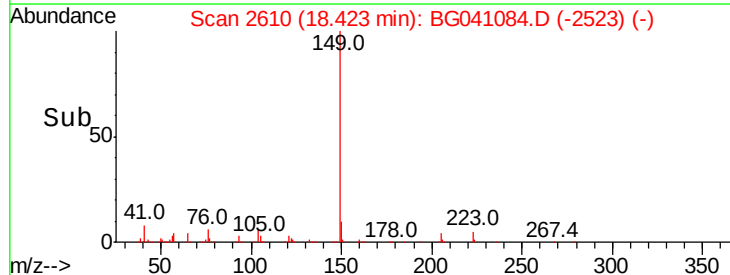
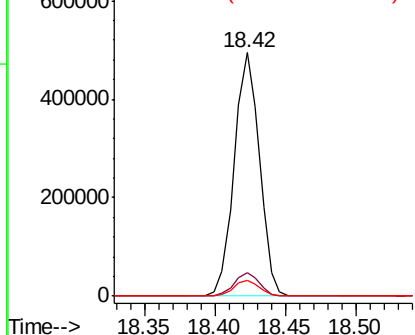


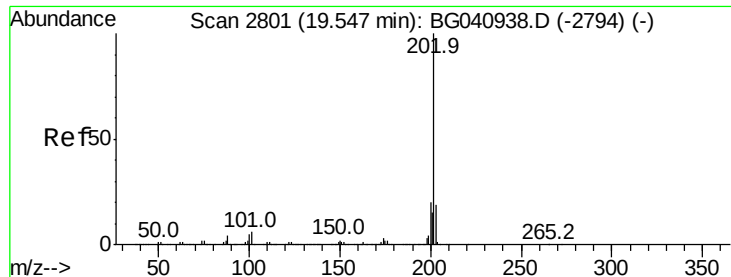
#74  
 Di-n-butylphthalate  
 Concen: 45.883 ng  
 RT: 18.42 min Scan# 2610  
 Delta R.T. -0.02 min  
 Lab File: BG041084.D  
 Acq: 6 Jun 2019 10:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.7   | 7.4   | 11.2  |
| 104     | 6.3   | 5.0   | 7.4   |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 51.468 ng

RT: 19.53 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

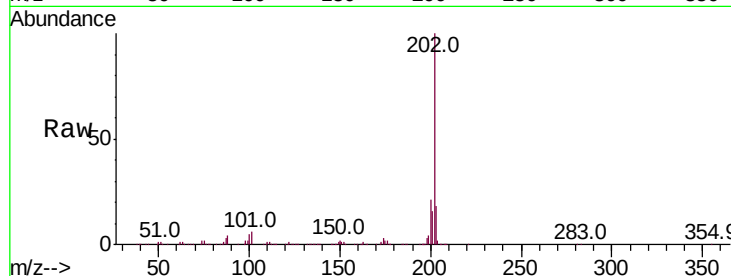
Tot Ion:202 Resp: 809076

Ion Ratio Lower Upper

202 100

101 5.8 0.0 26.2

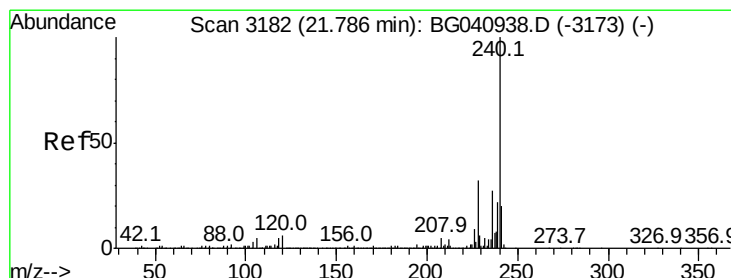
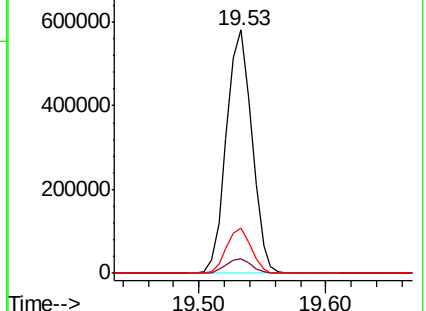
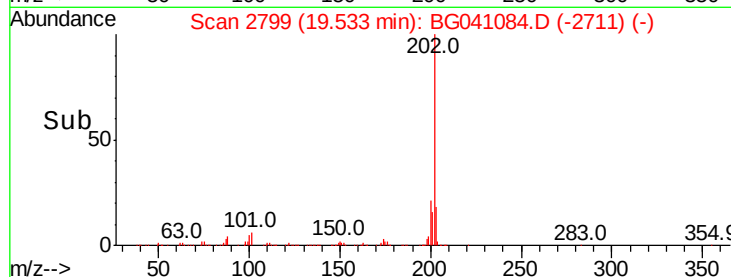
203 18.3 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

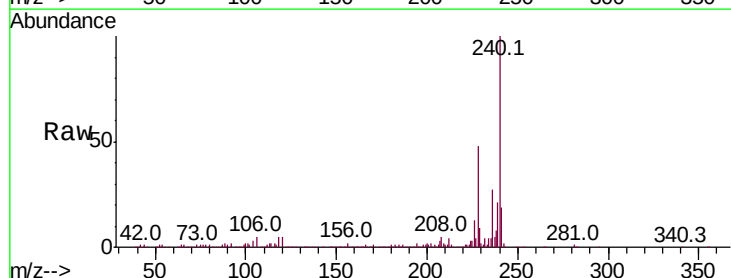
Tgt Ion:240 Resp: 273395

Ion Ratio Lower Upper

240 100

120 4.9 4.5 6.7

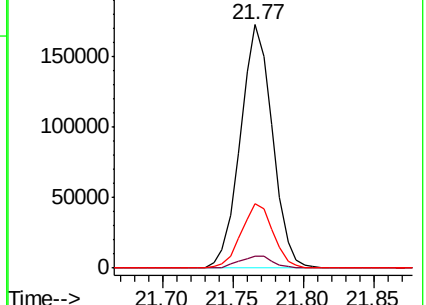
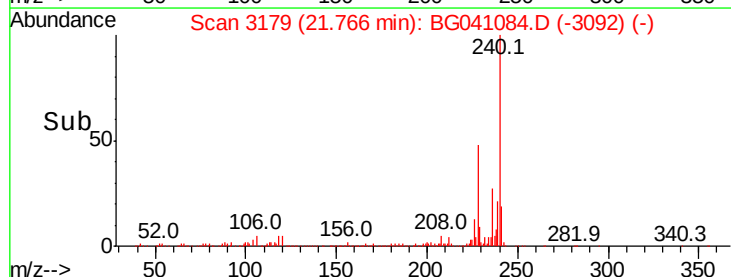
236 26.7 21.3 31.9

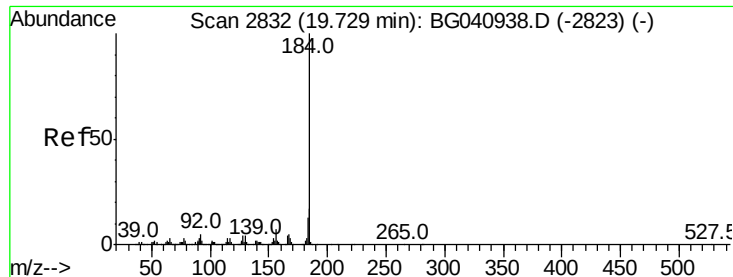


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.876 ng

RT: 19.72 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

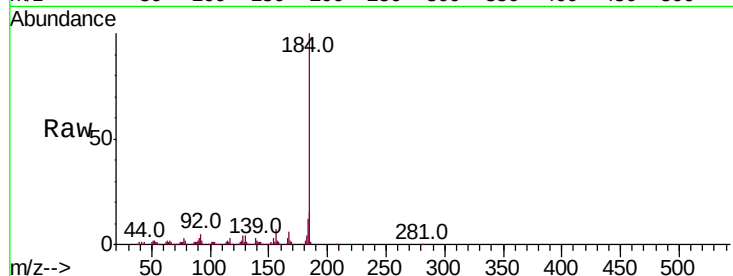
BNA\_G

ClientSampleId :

PB120328BS

Tot Ion:184 Resp: 286157

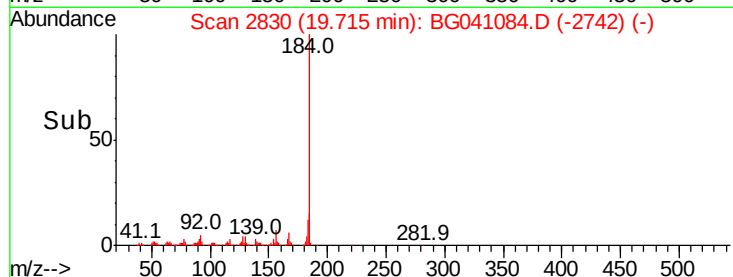
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.9  | 13.3  | 19.9  |
| 183 | 12.3  | 10.7  | 16.1  |



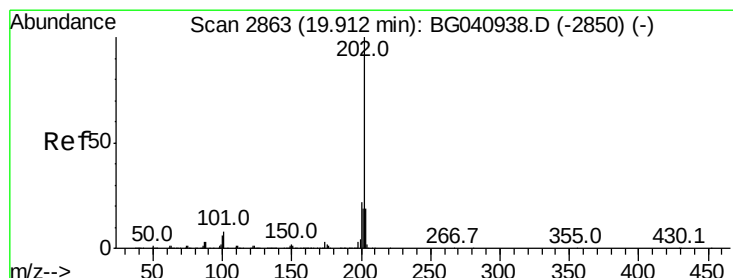
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Pyrene

Concen: 45.805 ng

RT: 19.90 min Scan# 2861

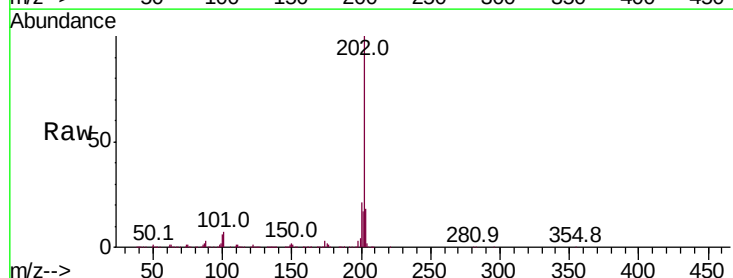
Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Tgt Ion:202 Resp: 814065

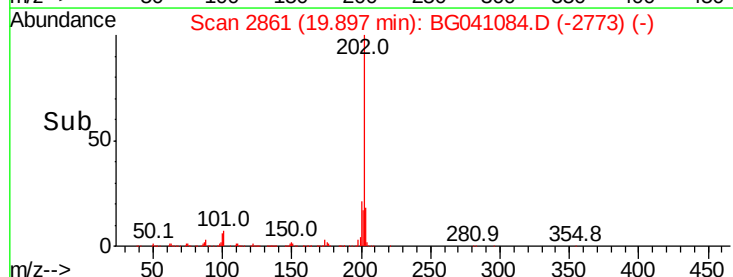
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 21.1  | 17.5  | 26.3  |
| 203 | 18.1  | 15.6  | 23.4  |



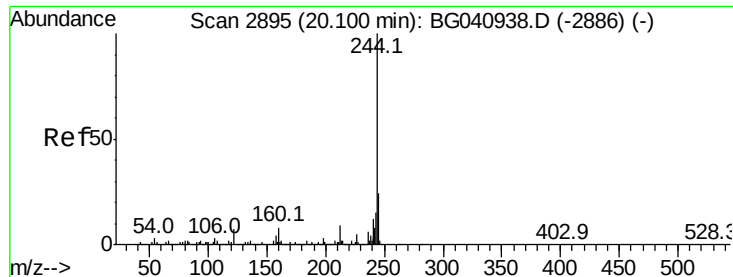
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#79

Terphenyl-d14

Concen: 84.490 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

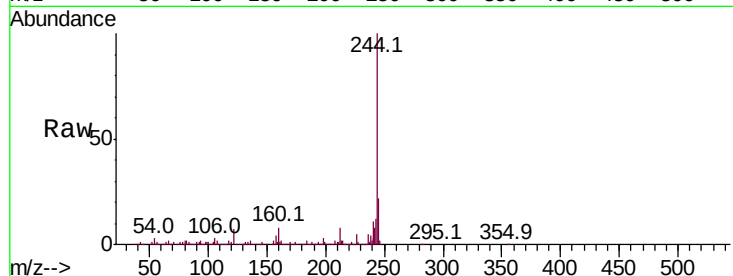
Tot Ion:244 Resp: 1088374

Ion Ratio Lower Upper

244 100

212 8.0 7.0 10.4

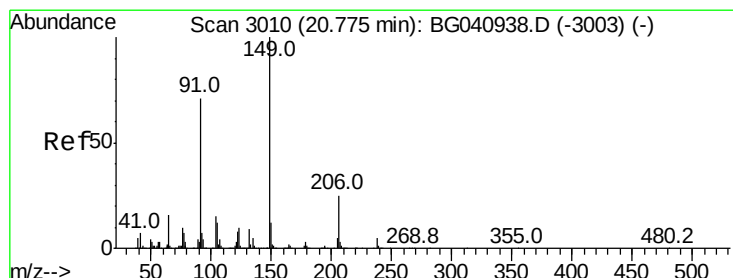
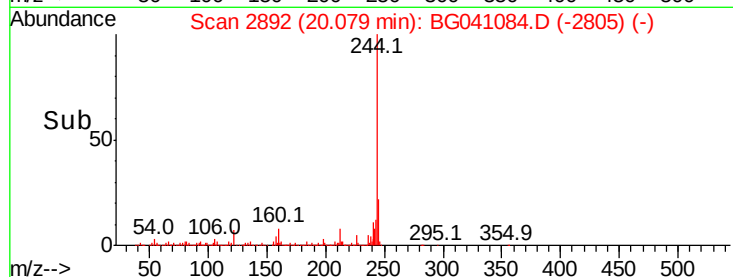
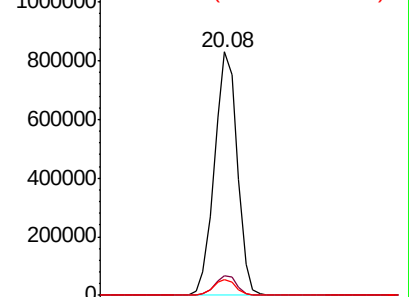
122 6.6 5.4 8.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.166 ng

RT: 20.76 min Scan# 3008

Delta R.T. -0.01 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

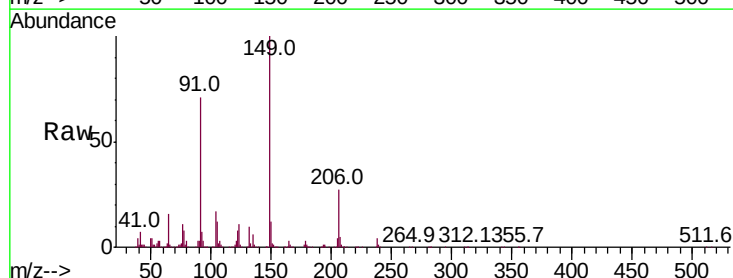
Tgt Ion:149 Resp: 305465

Ion Ratio Lower Upper

149 100

91 71.4 56.5 84.7

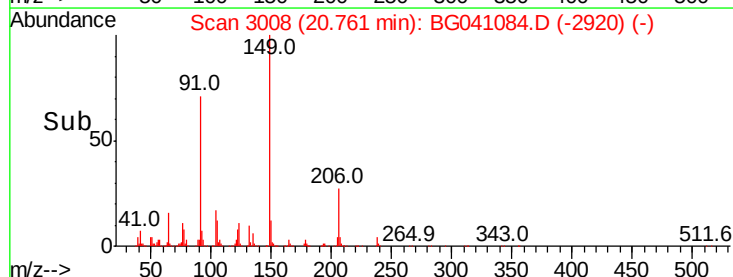
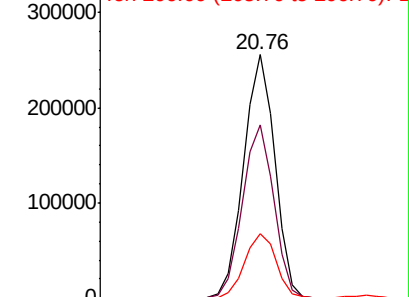
206 26.7 20.3 30.5

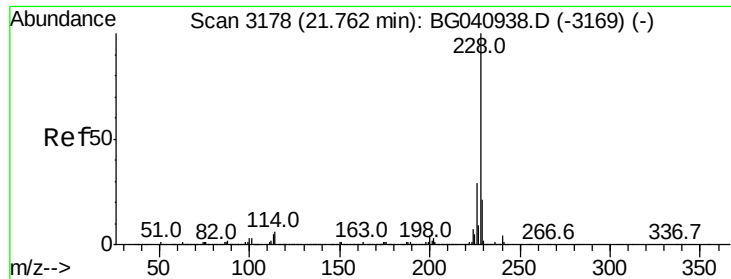


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

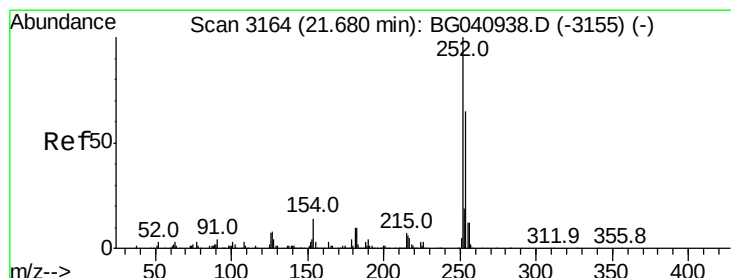
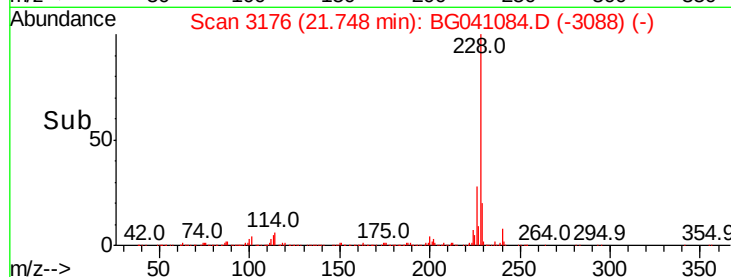
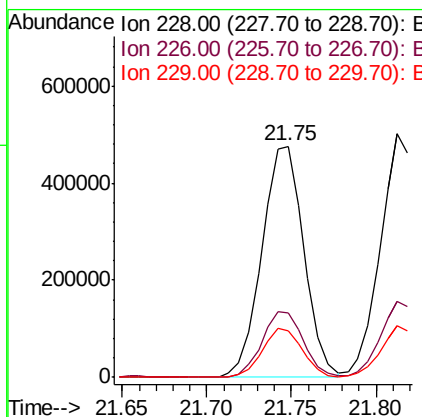
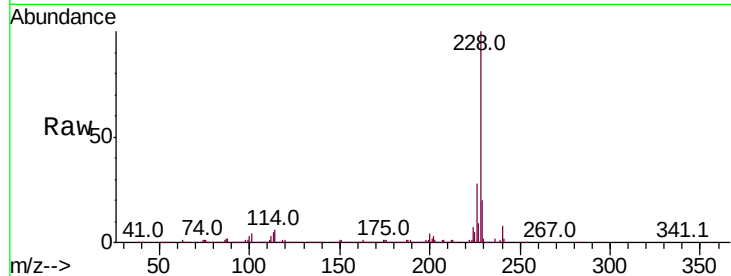




#81  
Benzo(a)anthracene  
Concen: 45.101 ng  
RT: 21.75 min Scan# 3176  
Delta R.T. -0.01 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

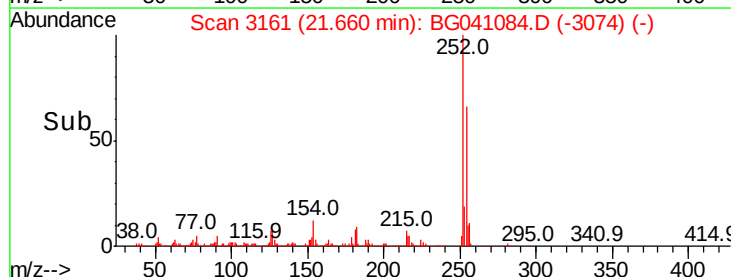
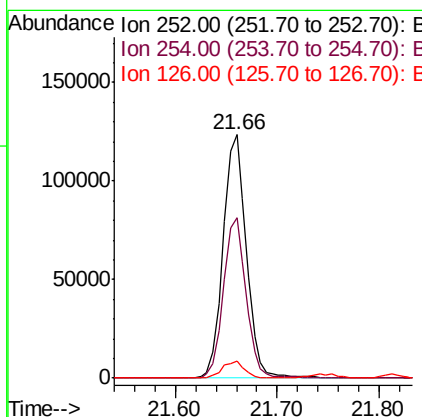
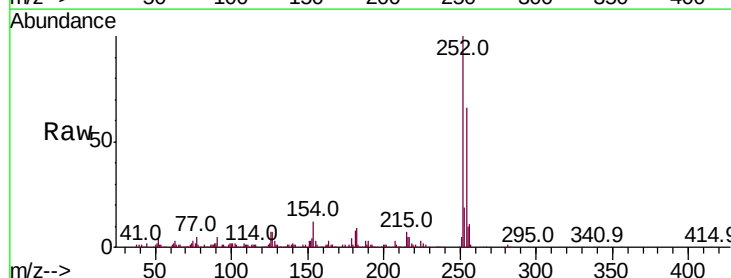
Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

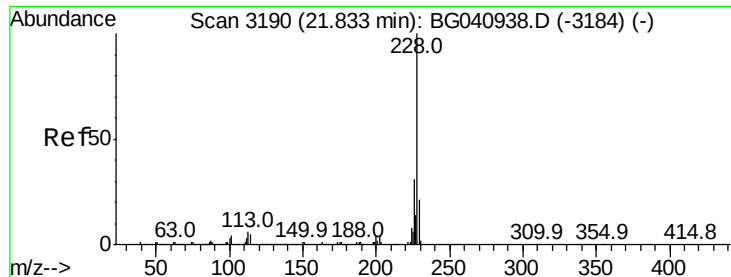
Tot Ion:228 Resp: 820781  
Ion Ratio Lower Upper  
228 100  
226 28.1 23.5 35.3  
229 20.2 16.7 25.1



#82  
3,3'-Dichlorobenzidine  
Concen: 30.635 ng  
RT: 21.66 min Scan# 3161  
Delta R.T. -0.02 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Tgt Ion:252 Resp: 196096  
Ion Ratio Lower Upper  
252 100  
254 66.0 52.1 78.1  
126 6.9 5.5 8.3





#83

Chrysene

Concen: 46.703 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

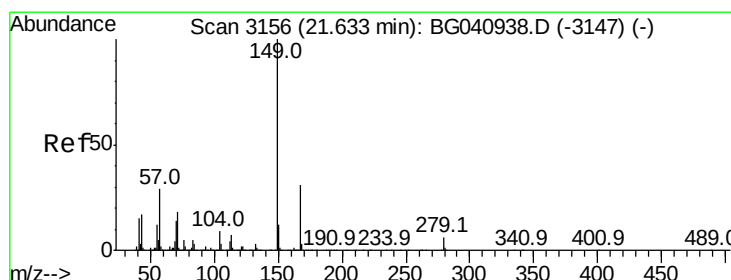
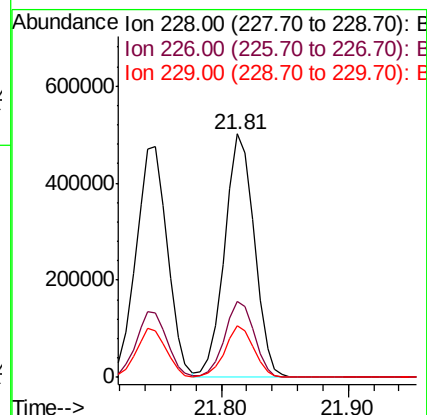
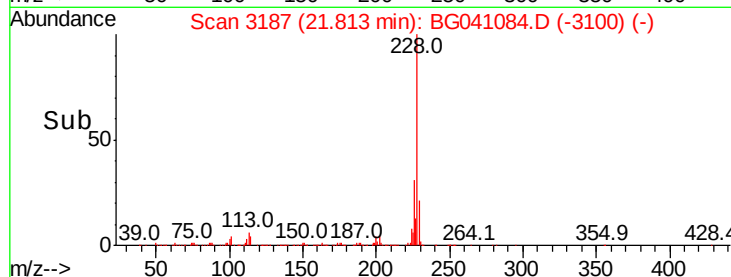
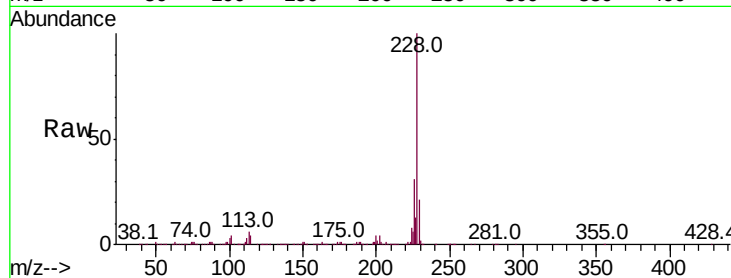
BNA\_G

ClientSampleId :

PB120328BS

Tot Ion:228 Resp: 813357

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.2  | 24.6  | 37.0  |
| 229 | 21.2  | 16.6  | 24.8  |



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.095 ng

RT: 21.61 min Scan# 3153

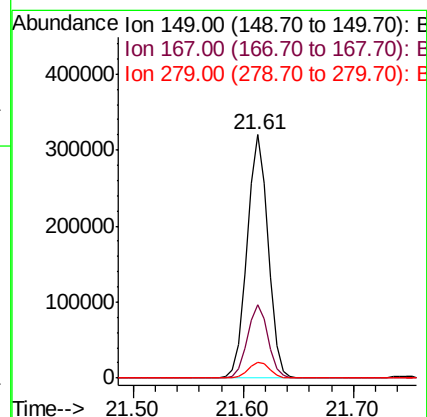
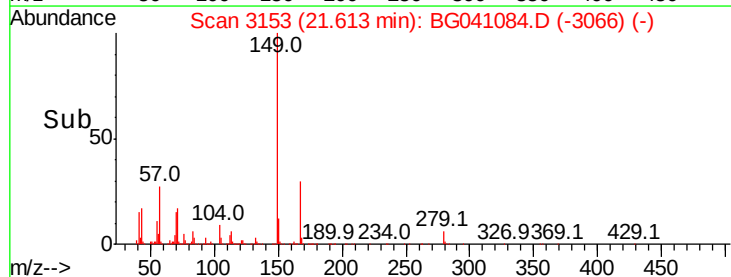
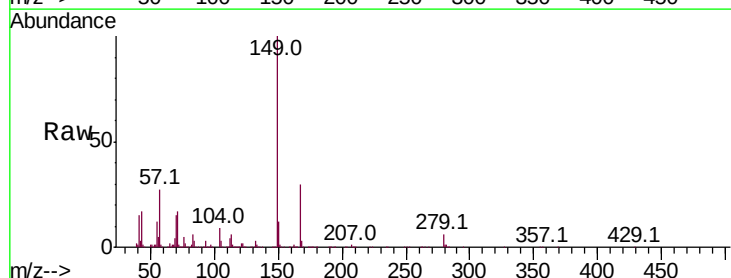
Delta R.T. -0.02 min

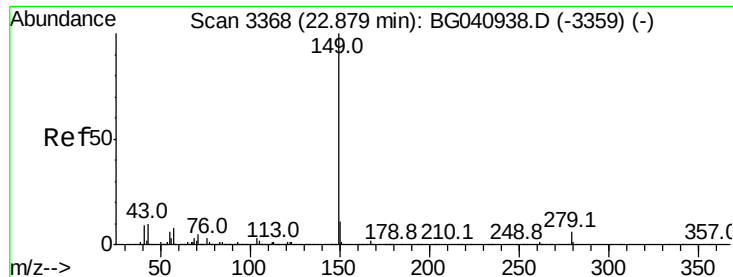
Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Tgt Ion:149 Resp: 429317

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.2  | 24.6  | 37.0  |
| 279 | 6.5   | 5.0   | 7.6   |

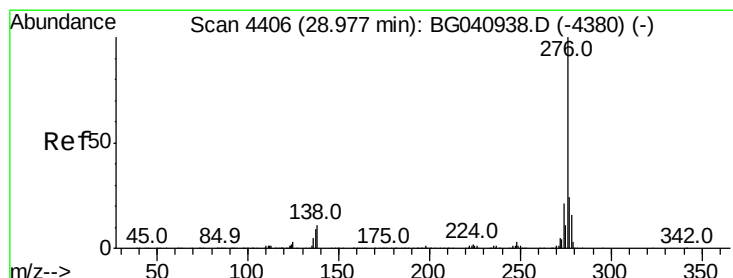
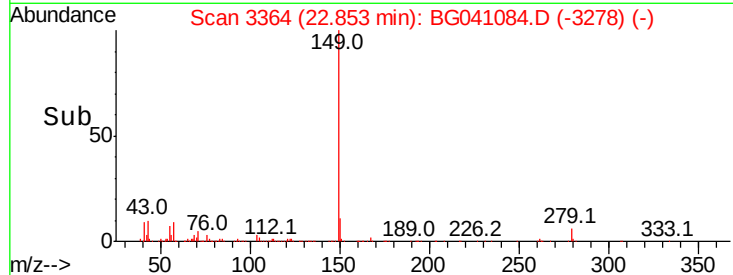
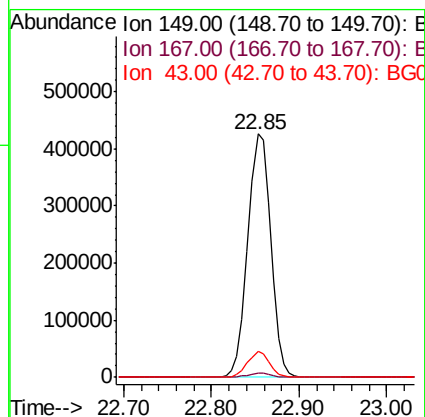
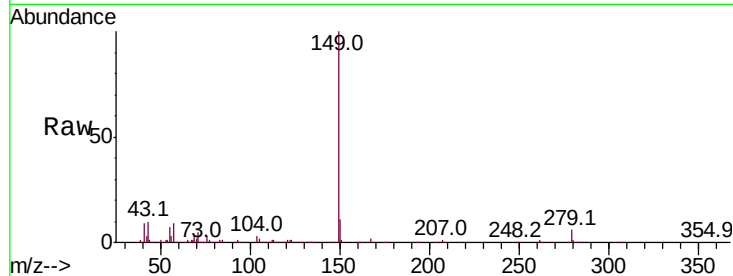




#85  
Di-n-octyl phthalate  
Concen: 46.483 ng  
RT: 22.85 min Scan# 3364  
Delta R.T. -0.03 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

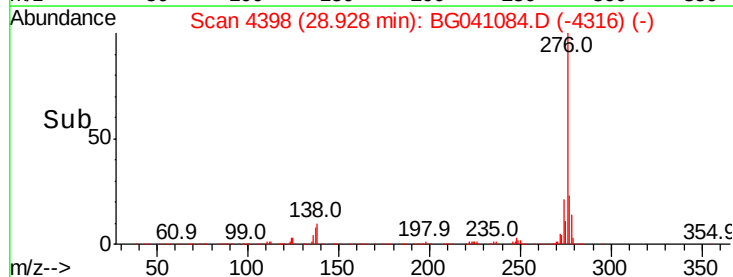
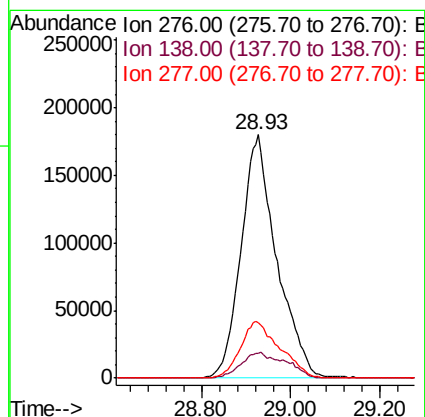
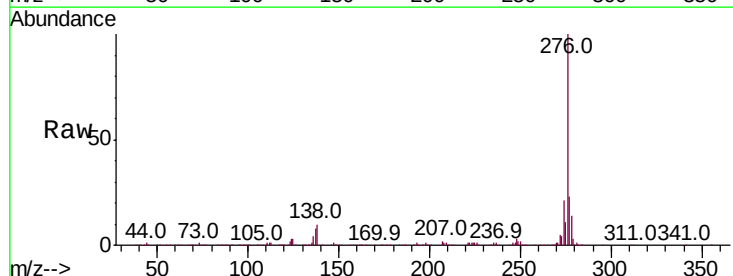
Instrument :  
BNA\_G  
ClientSampled :  
PB120328BS

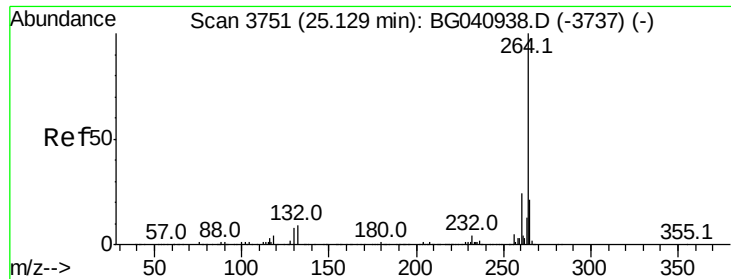
Tot Ion:149 Resp: 753726  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.4 2.0  
43 9.9 8.1 12.1



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 46.623 ng  
RT: 28.93 min Scan# 4398  
Delta R.T. -0.05 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Tgt Ion:276 Resp: 994639  
Ion Ratio Lower Upper  
276 100  
138 13.2 5.7 8.5#  
277 25.8 20.8 31.2





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.10 min Scan# 3746

Delta R.T. -0.03 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

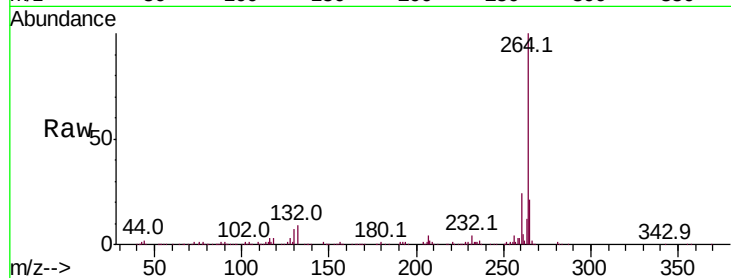
BNA\_G

ClientSampleId :

PB120328BS

Tot Ion:264 Resp: 301060

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 19.0  | 28.4  |
| 265 | 20.8  | 17.0  | 25.4  |

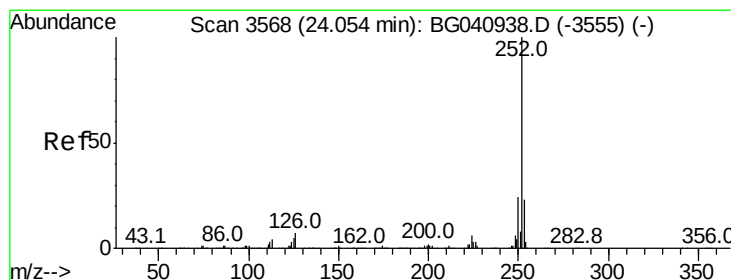
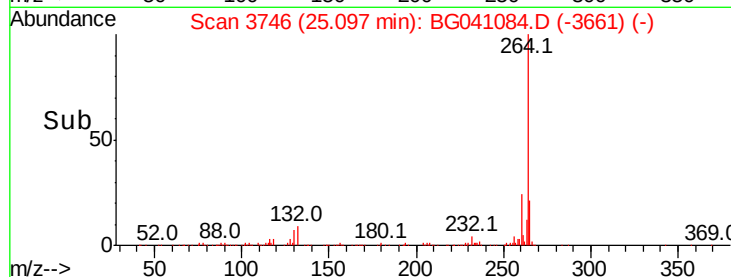
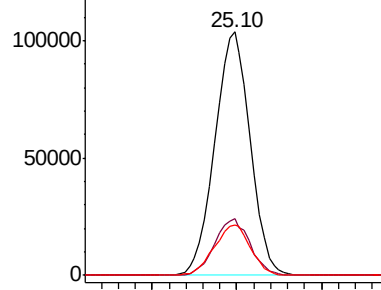


Abundance

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: 46.065 ng

RT: 24.03 min Scan# 3564

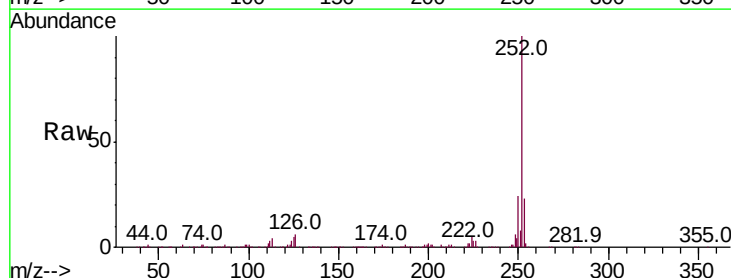
Delta R.T. -0.03 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Tgt Ion:252 Resp: 841171

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.8  | 18.4  | 27.6  |
| 125 | 5.2   | 4.3   | 6.5   |

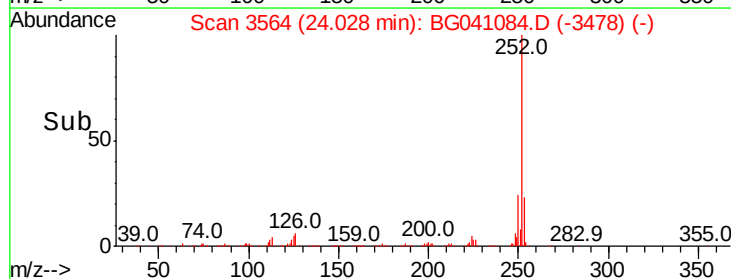
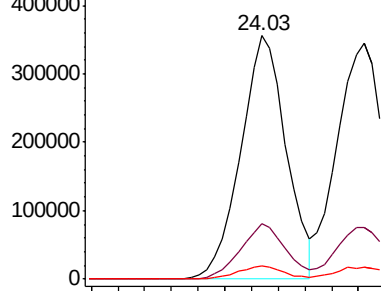


Abundance

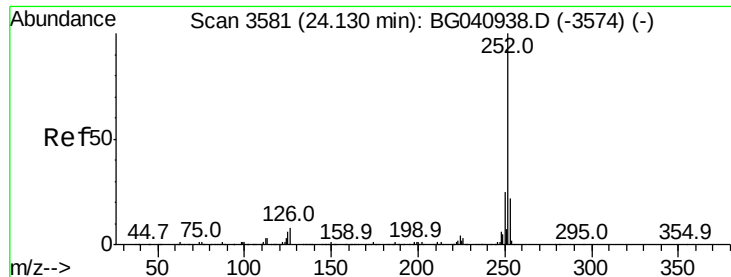
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 45.993 ng

RT: 24.10 min Scan# 3577

Delta R.T. -0.03 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

Instrument :

BNA\_G

ClientSampleId :

PB120328BS

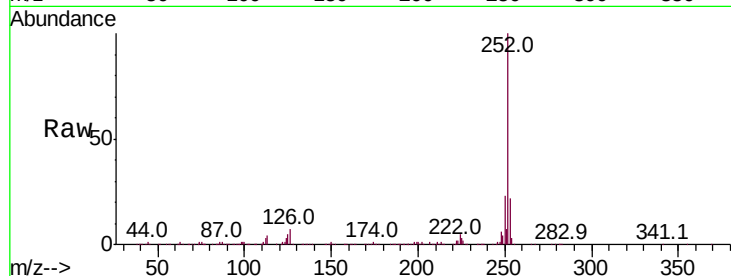
Tot Ion:252 Resp: 831094

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

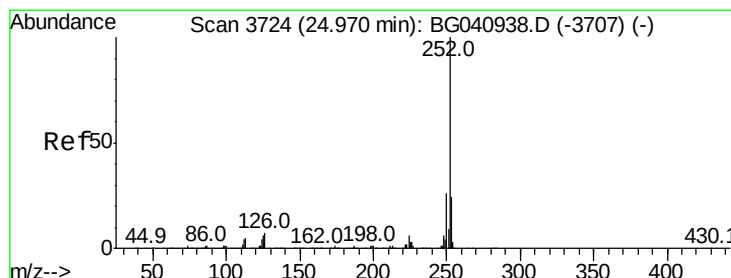
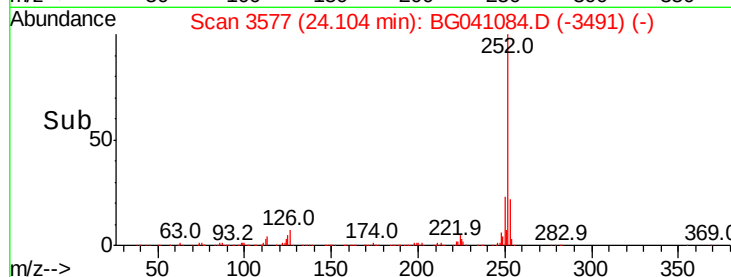
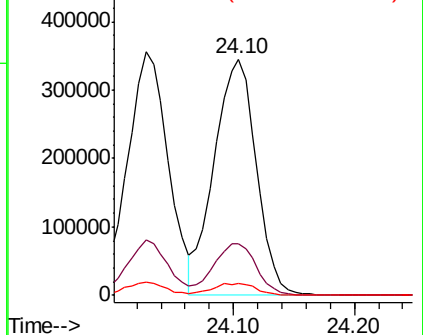
125 5.0 4.7 7.1



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



#90

Benzo(a)pyrene

Concen: 47.099 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.03 min

Lab File: BG041084.D

Acq: 6 Jun 2019 10:30

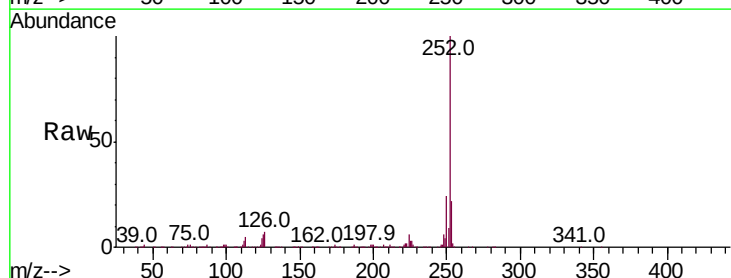
Tgt Ion:252 Resp: 820533

Ion Ratio Lower Upper

252 100

253 22.3 19.5 29.3

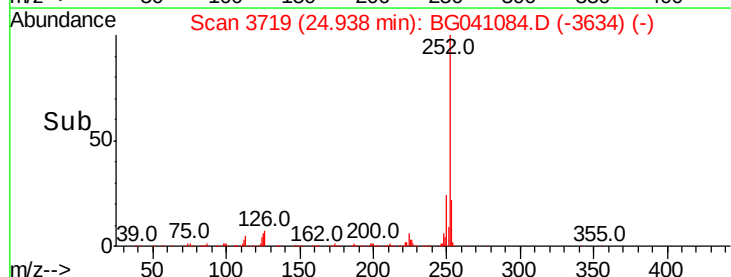
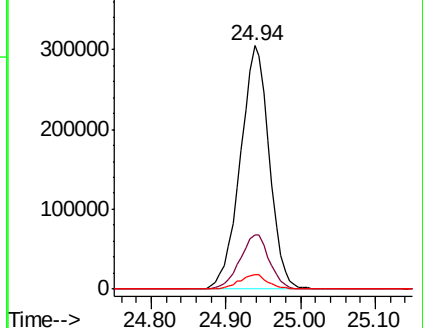
125 5.7 5.1 7.7

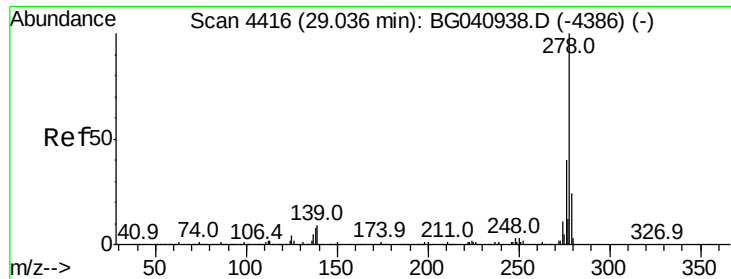


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

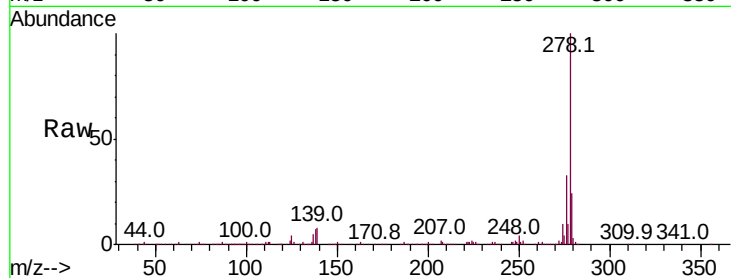




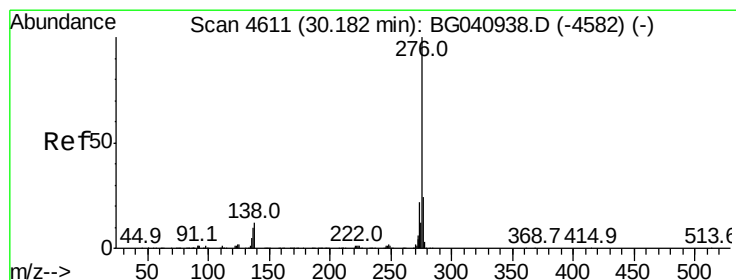
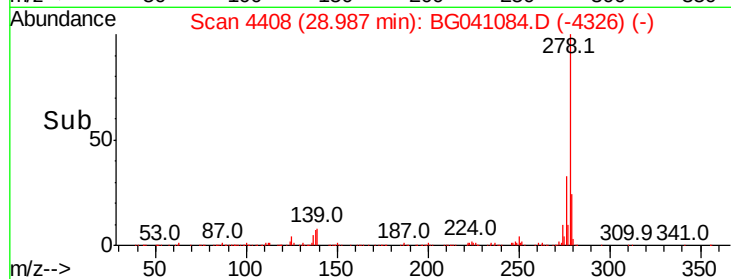
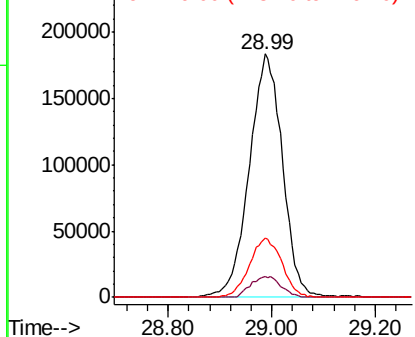
#91  
Dibenzo(a,h)anthracene  
Concen: 46.799 ng  
RT: 28.99 min Scan# 4408  
Delta R.T. -0.05 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB120328BS

Tot Ion:278 Resp: 814670  
Ion Ratio Lower Upper  
278 100  
139 8.4 7.1 10.7  
279 24.1 19.4 29.2

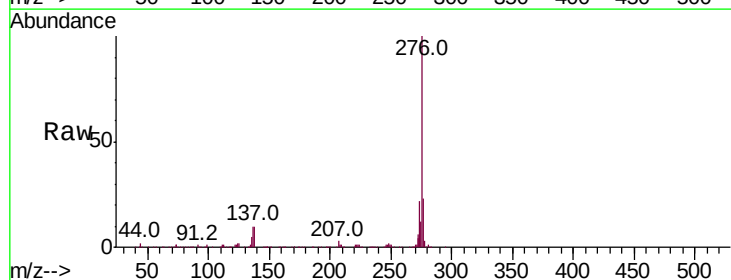


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 48.683 ng  
RT: 30.14 min Scan# 4604  
Delta R.T. -0.04 min  
Lab File: BG041084.D  
Acq: 6 Jun 2019 10:30

Tgt Ion:276 Resp: 823340  
Ion Ratio Lower Upper  
276 100  
277 23.1 19.4 29.0  
138 10.2 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 277.00 (276.70 to 277.70): E  
Ion 138.00 (137.70 to 138.70): E

