

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\  
 Data File : BG041015.D  
 Acq On : 1 Jun 2019 16:48  
 Operator : HP/JU  
 Sample : K3110-01MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jun 03 01:13:01 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 | 8.12  | 152  | 61809    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.94 | 136  | 252557   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.75 | 164  | 180883   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.50 | 188  | 440539   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.78 | 240  | 422810   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.12 | 264  | 448793   | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.66  | 112 | 471410  | 137.53 | ng | 0.00 |
| 7) Phenol-d6                | 7.27  | 99  | 684280  | 129.26 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.30  | 82  | 469072  | 82.45  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol    | 16.24 | 330 | 342168  | 127.42 | ng | 0.00 |
| 45) 2-Fluorobiphenyl        | 13.38 | 172 | 1056232 | 84.09  | ng | 0.00 |
| 79) Terphenyl-d14           | 20.09 | 244 | 1627951 | 81.72  | ng | 0.00 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.52  | 88  | 45423  | 29.203 | ng | 92   |
| 3) Pyridine                    | 3.93  | 79  | 105745 | 22.976 | ng | 98   |
| 4) n-Nitrosodimethylamine      | 3.85  | 42  | 81524  | 38.166 | ng | 92   |
| 6) Aniline                     | 7.44  | 93  | 117111 | 16.574 | ng | 97   |
| 8) 2-Chlorophenol              | 7.68  | 128 | 155345 | 38.014 | ng | 95   |
| 9) Benzaldehyde                | 7.25  | 77  | 73248  | 23.195 | ng | 85   |
| 10) Phenol                     | 7.30  | 94  | 215365 | 37.943 | ng | 98   |
| 11) bis(2-Chloroethyl)ether    | 7.54  | 93  | 148564 | 36.080 | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 8.01  | 146 | 162801 | 33.356 | ng | 95   |
| 13) 1,4-Dichlorobenzene        | 8.16  | 146 | 169398 | 34.288 | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 8.48  | 146 | 160792 | 33.520 | ng | 98   |
| 15) Benzyl Alcohol             | 8.36  | 79  | 179374 | 36.630 | ng | 99   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.64  | 45  | 230416 | 34.245 | ng | 97   |
| 17) 2-Methylphenol             | 8.55  | 107 | 146951 | 35.757 | ng | 97   |
| 18) Hexachloroethane           | 9.21  | 117 | 63657  | 33.431 | ng | 96   |
| 19) n-Nitroso-di-n-propylamine | 8.92  | 70  | 138415 | 33.977 | ng | 97   |
| 20) 3+4-Methylphenols          | 8.88  | 107 | 207374 | 36.428 | ng | 96   |
| 22) Acetophenone               | 8.95  | 105 | 262311 | 37.025 | ng | 97   |
| 24) Nitrobenzene               | 9.35  | 77  | 216718 | 37.381 | ng | 98   |
| 25) Isophorone                 | 9.86  | 82  | 395646 | 36.544 | ng | 100  |
| 26) 2-Nitrophenol              | 10.05 | 139 | 91647  | 38.345 | ng | # 83 |
| 27) 2,4-Dimethylphenol         | 10.09 | 122 | 164791 | 41.747 | ng | 96   |
| 28) bis(2-Chloroethoxy)methane | 10.34 | 93  | 209275 | 35.814 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 10.58 | 162 | 185064 | 36.919 | ng | 97   |
| 30) 1,2,4-Trichlorobenzene     | 10.80 | 180 | 202301 | 35.477 | ng | 98   |
| 31) Naphthalene                | 11.00 | 128 | 495336 | 36.529 | ng | 99   |
| 32) Benzoic acid               | 10.19 | 122 | 53650  | 22.649 | ng | 94   |
| 33) 4-Chloroaniline            | 11.10 | 127 | 73428  | 11.671 | ng | 97   |
| 34) Hexachlorobutadiene        | 11.26 | 225 | 147355 | 33.772 | ng | 99   |
| 35) Caprolactam                | 11.89 | 113 | 56030  | 33.849 | ng | 97   |
| 36) 4-Chloro-3-methylphenol    | 12.21 | 107 | 203548 | 35.556 | ng | 97   |
| 37) 2-Methylnaphthalene        | 12.59 | 142 | 372056 | 35.625 | ng | 100  |
| 38) 1-Methylnaphthalene        | 12.81 | 142 | 357215 | 36.297 | ng | 100  |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.95 | 216 | 271005 | 37.172 | ng | 99   |

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 Acq On : 1 Jun 2019 16:48  
 Operator : HP/JU  
 Sample : K3110-01MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

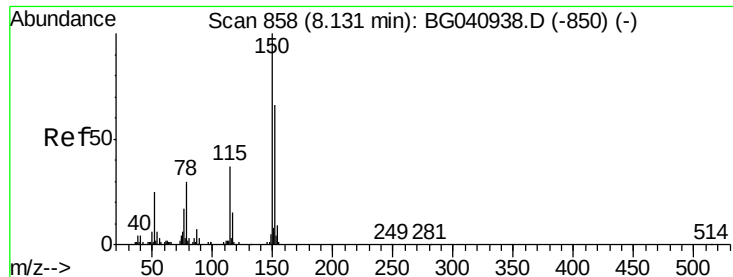
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jun 03 01:13:01 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  | 12.92 | 237  | 290080   | 74.634 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.18 | 196  | 176865   | 37.500 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.26 | 196  | 185149   | 37.223 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.59 | 154  | 503125   | 37.577 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.64 | 162  | 413012   | 35.931 | ng    | 96       |
| 48) 2-Nitroaniline             | 13.84 | 65   | 143701   | 34.848 | ng    | 96       |
| 49) Acenaphthylene             | 14.48 | 152  | 632294   | 36.549 | ng    | 100      |
| 50) Dimethylphthalate          | 14.20 | 163  | 690085   | 45.069 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.33 | 165  | 119796   | 36.287 | ng    | 96       |
| 52) Acenaphthene               | 14.82 | 154  | 372268   | 35.521 | ng    | 96       |
| 53) 3-Nitroaniline             | 14.66 | 138  | 67382    | 20.411 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.86 | 184  | 104465   | 66.024 | ng    | 96       |
| 55) Dibenzofuran               | 15.15 | 168  | 642237   | 36.419 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.96 | 139  | 177055   | 78.192 | ng    | 91       |
| 57) 2,4-Dinitrotoluene         | 15.12 | 165  | 169684   | 36.386 | ng    | 99       |
| 58) Fluorene                   | 15.80 | 166  | 499876   | 35.594 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.37 | 232  | 186320   | 38.116 | ng    | 98       |
| 60) Diethylphthalate           | 15.55 | 149  | 541963   | 34.683 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.78 | 204  | 321500   | 35.220 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.83 | 138  | 113052   | 32.347 | ng    | 94       |
| 63) Azobenzene                 | 16.07 | 77   | 508532   | 35.806 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.87 | 198  | 90332    | 40.007 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 16.00 | 169  | 457126   | 36.912 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.68 | 248  | 206196   | 34.683 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.79 | 284  | 211060   | 33.339 | ng    | 98       |
| 69) Atrazine                   | 16.94 | 200  | 192161   | 40.214 | ng    | 98       |
| 70) Pentachlorophenol          | 17.14 | 266  | 246914   | 73.189 | ng    | 98       |
| 71) Phenanthrene               | 17.54 | 178  | 831590   | 36.240 | ng    | 99       |
| 72) Anthracene                 | 17.63 | 178  | 855656   | 37.807 | ng    | 99       |
| 73) Carbazole                  | 17.90 | 167  | 732574   | 37.724 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.44 | 149  | 855996   | 35.466 | ng    | 99       |
| 75) Fluoranthene               | 19.54 | 202  | 1045321  | 36.881 | ng    | 100      |
| 77) Benzidine                  | 19.72 | 184  | 202082   | 20.035 | ng    | 96       |
| 78) Pyrene                     | 19.90 | 202  | 1047584  | 38.114 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.77 | 149  | 393625   | 36.801 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.76 | 228  | 1013307  | 36.003 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.67 | 252  | 188590   | 19.051 | ng    | 99       |
| 83) Chrysene                   | 21.83 | 228  | 999433   | 37.107 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 535558   | 35.568 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.87 | 149  | 909566   | 36.271 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.95 | 276  | 1209163  | 36.649 | ng    | # 99     |
| 88) Benzo(b)fluoranthene       | 24.05 | 252  | 1040378  | 38.220 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 24.12 | 252  | 996689   | 37.001 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.96 | 252  | 1006812  | 38.767 | ng    | 96       |
| 91) Dibenzo(a,h)anthracene     | 29.02 | 278  | 984742   | 37.947 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.16 | 276  | 995795   | 39.498 | ng    | 99       |

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



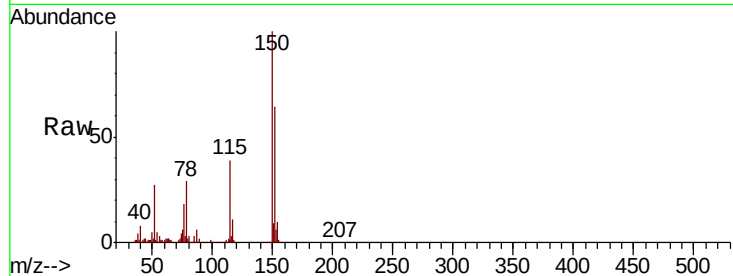


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.12 min Scan# 856  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 156.6 | 120.6 | 180.8 |
| 115     | 61.0  | 45.1  | 67.7  |

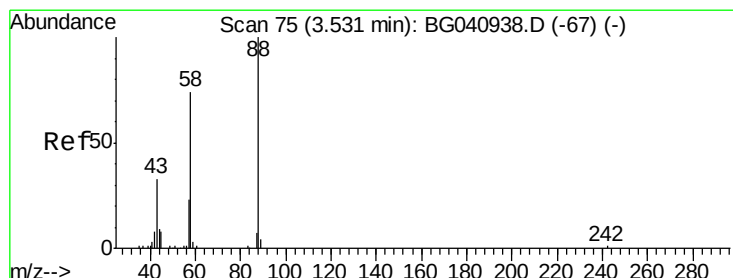
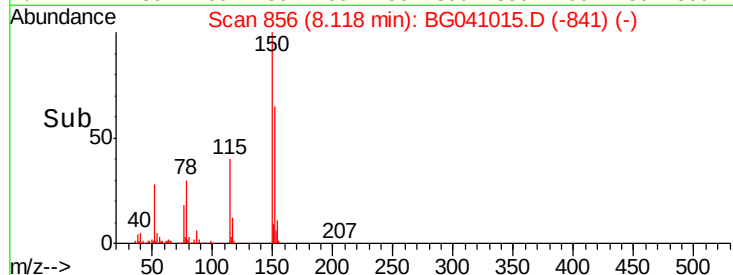
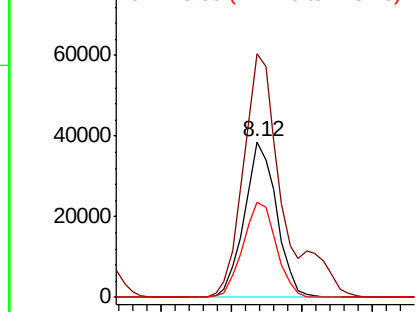


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

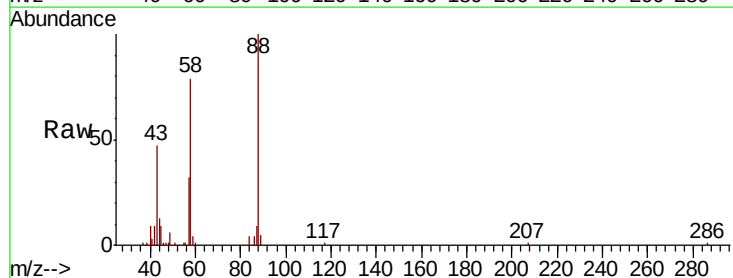
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 29.203 ng  
RT: 3.52 min Scan# 73  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 79.4  | 59.0  | 88.6  |
| 43      | 39.4  | 27.2  | 40.8  |

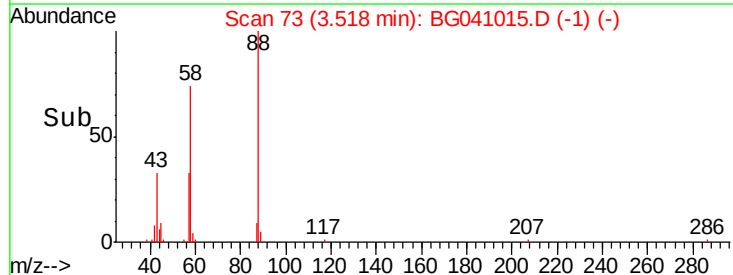
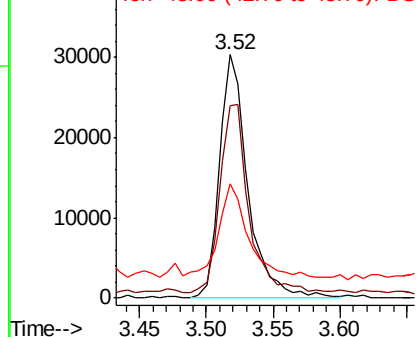


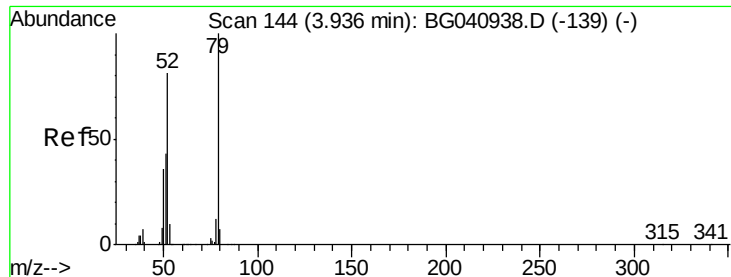
Abundance

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: 22.976 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampleId :

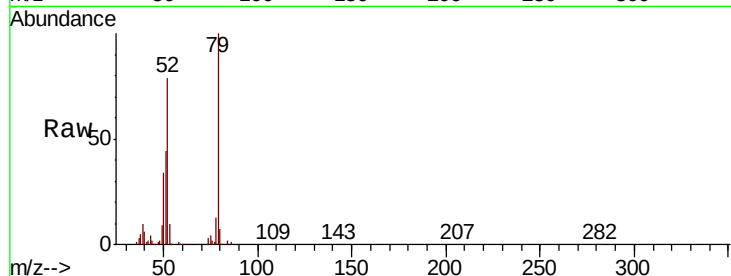
Tot Ion: 79 Resp: 105745

Ion Ratio Lower Upper

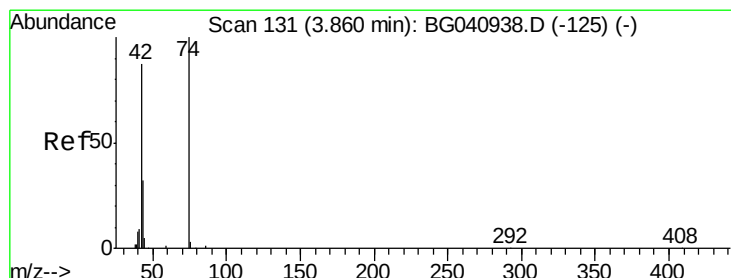
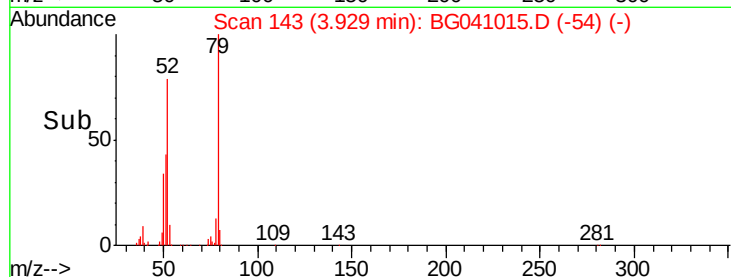
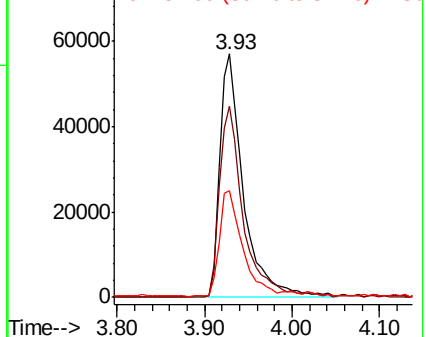
79 100

52 78.5 64.8 97.2

51 44.0 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: 38.166 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

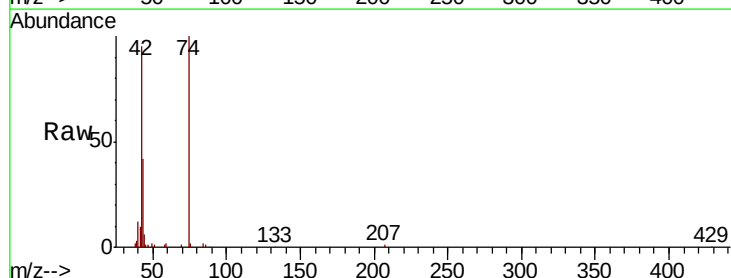
Tgt Ion: 42 Resp: 81524

Ion Ratio Lower Upper

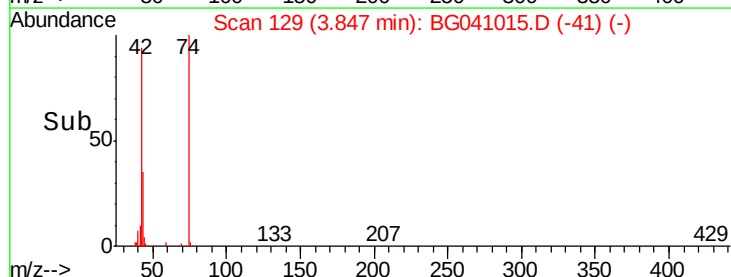
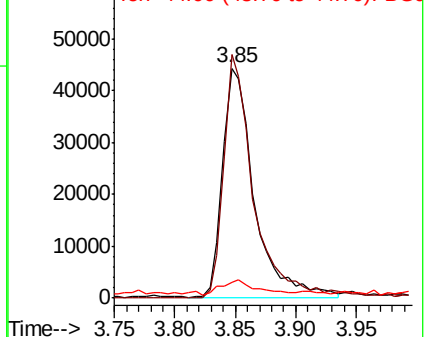
42 100

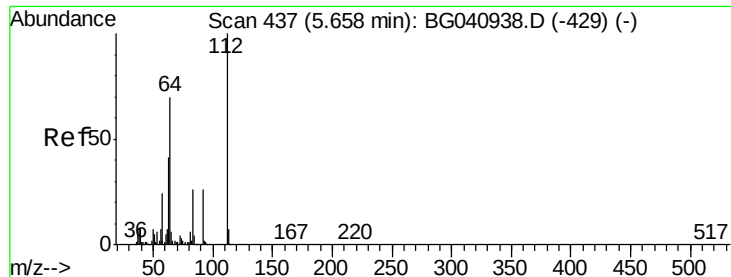
74 105.8 91.8 137.6

44 6.7 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: 137.529 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampleId :

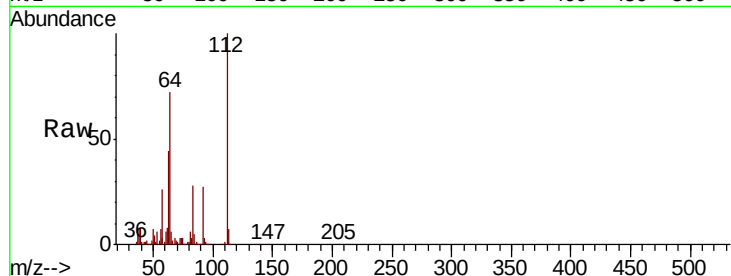
Tot Ion:112 Resp: 471410

Ion Ratio Lower Upper

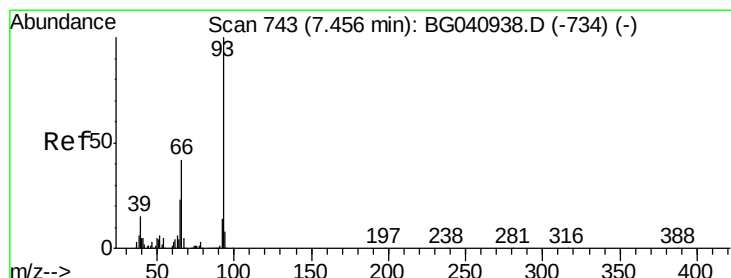
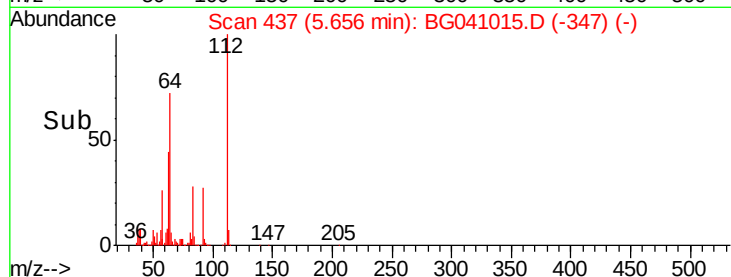
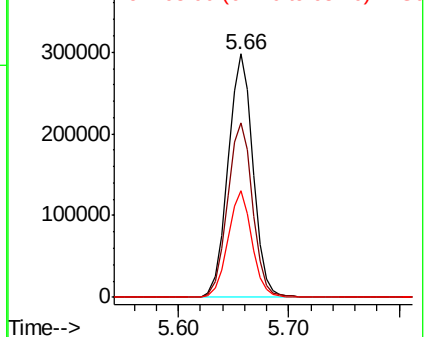
112 100

64 71.7 56.2 84.2

63 44.0 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: 16.574 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

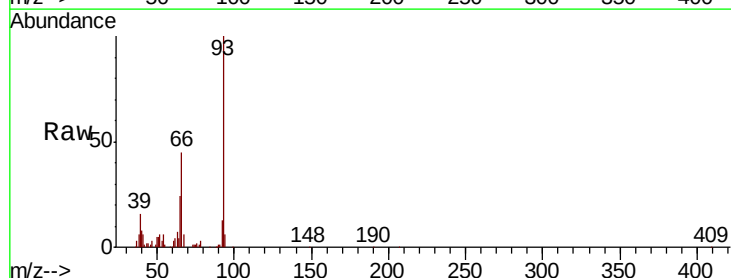
Tgt Ion: 93 Resp: 117111

Ion Ratio Lower Upper

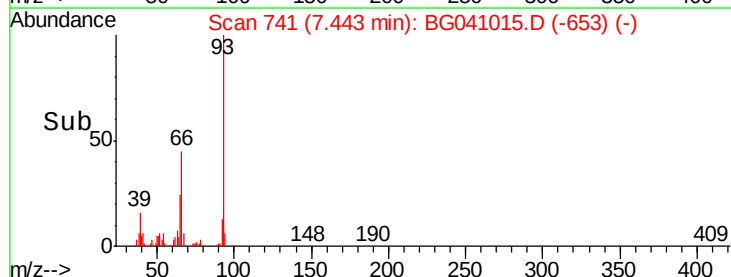
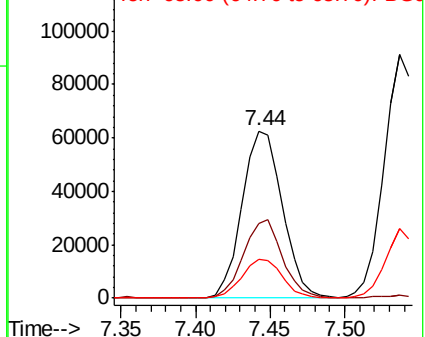
93 100

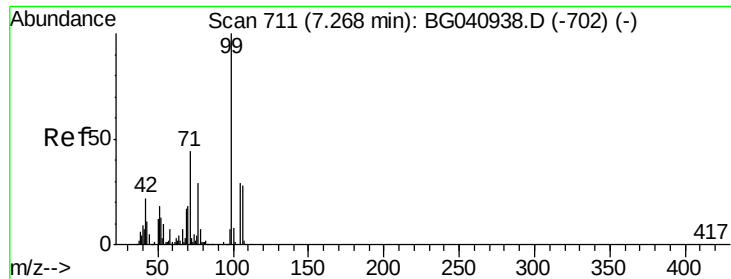
66 44.9 33.8 50.8

65 23.6 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: 129.262 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampleId :

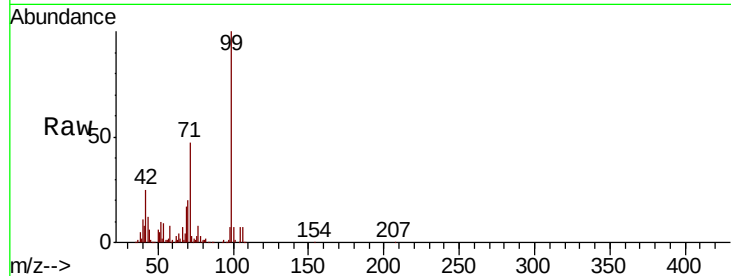
Tot Ion: 99 Resp: 684280

Ion Ratio Lower Upper

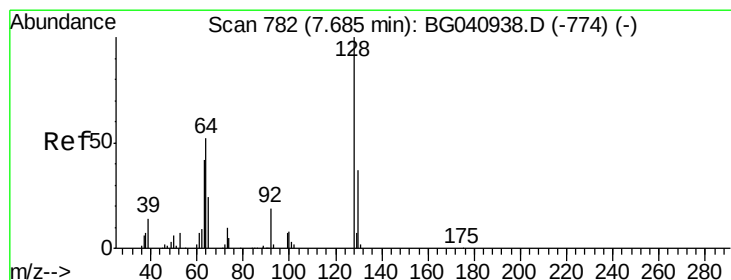
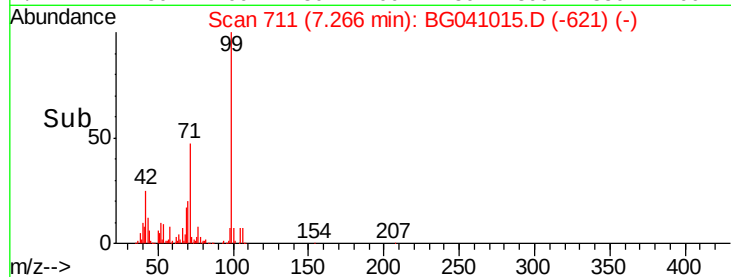
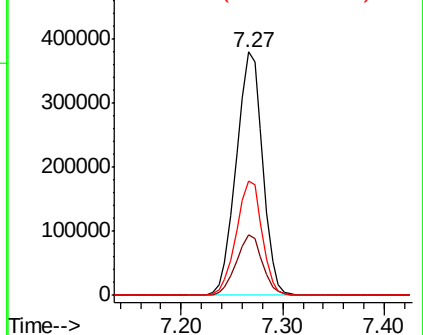
99 100

42 24.8 17.9 26.9

71 47.1 35.4 53.0



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



#8

2-Chlorophenol

Concen: 38.014 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

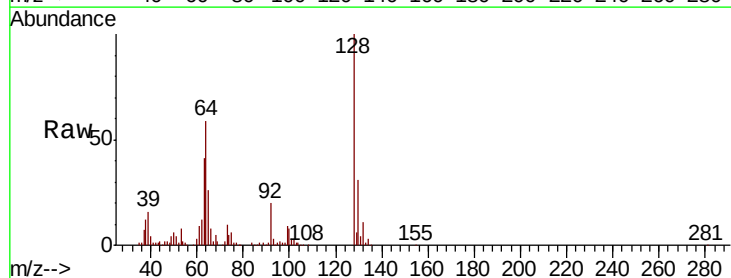
Tgt Ion: 128 Resp: 155345

Ion Ratio Lower Upper

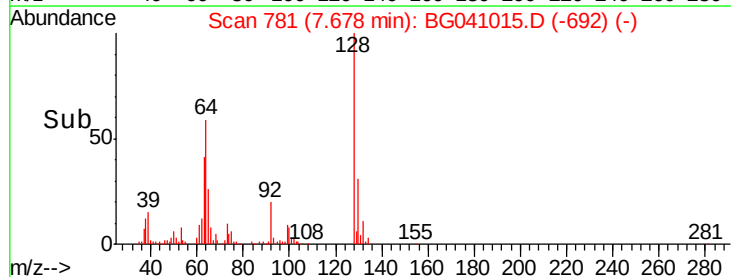
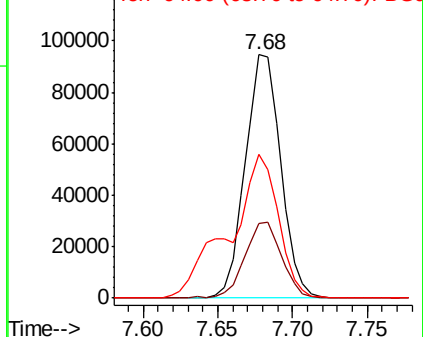
128 100

130 30.9 16.6 56.6

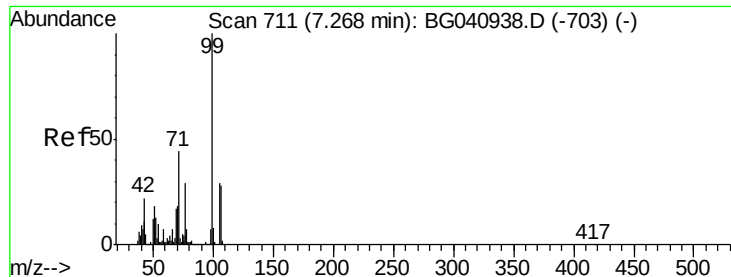
64 59.1 37.8 77.8



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







#9

Benzaldehyde

Concen: 23.195 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampled :

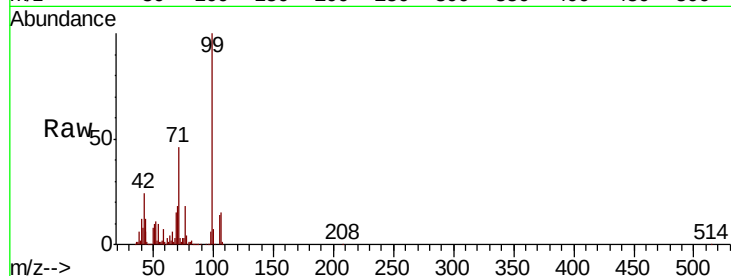
Tot Ion: 77 Resp: 73248

Ion Ratio Lower Upper

77 100

105 81.5 78.9 118.9

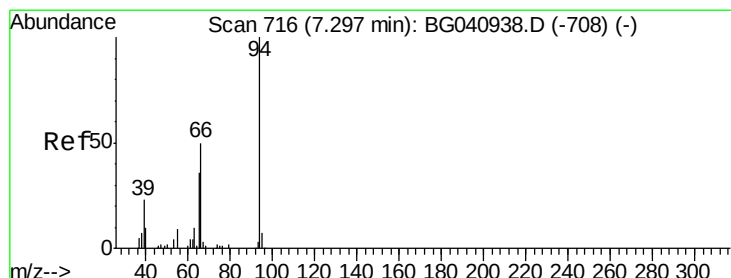
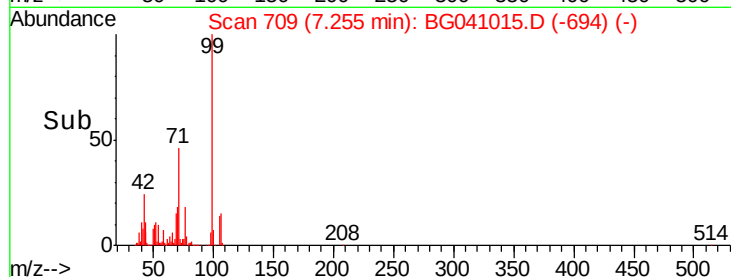
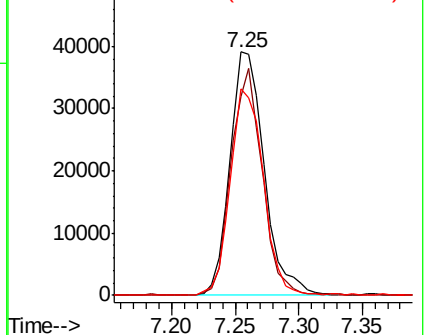
106 85.0 76.7 116.7



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.943 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

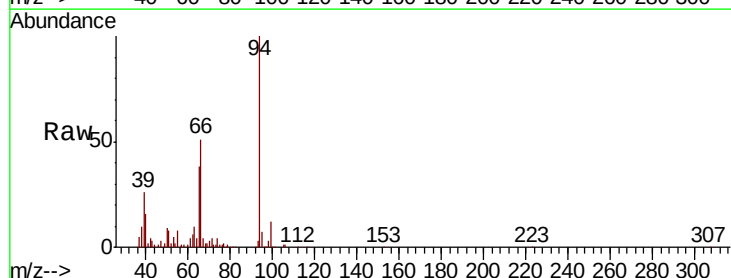
Tgt Ion: 94 Resp: 215365

Ion Ratio Lower Upper

94 100

65 37.7 17.0 57.0

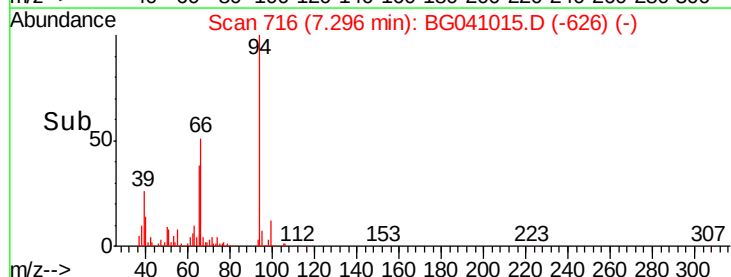
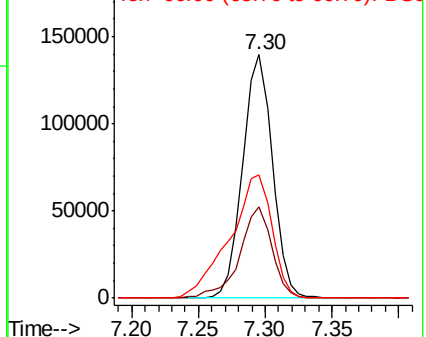
66 50.7 32.4 72.4



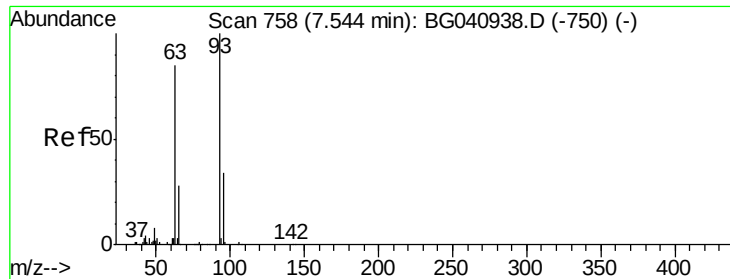
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC







#11

bis(2-Chloroethyl)ether

Concen: 36.080 ng

RT: 7.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampleId :

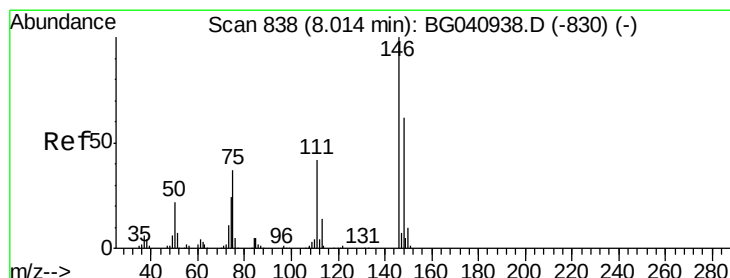
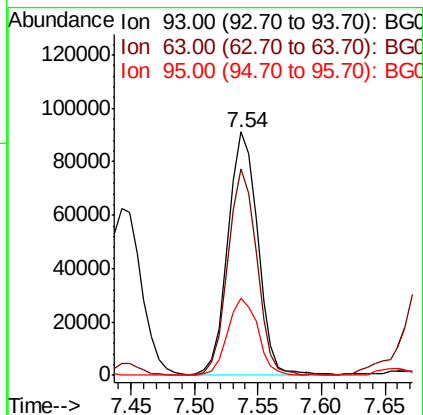
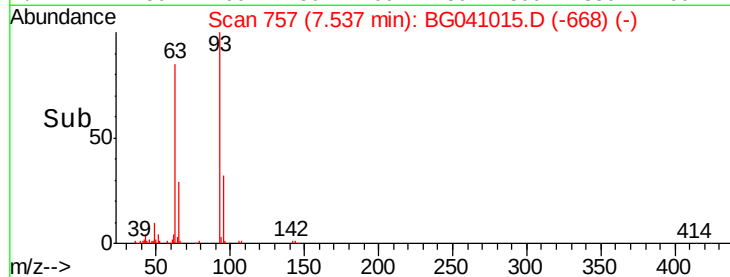
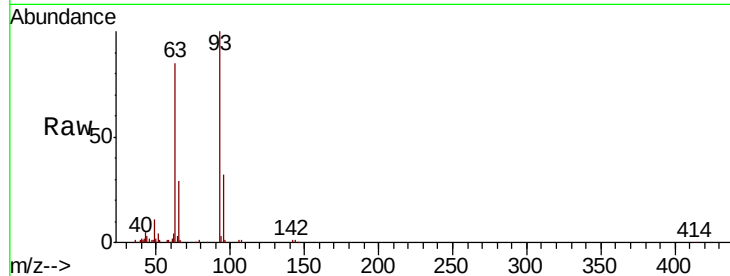
Tot Ion: 93 Resp: 148564

Ion Ratio Lower Upper

93 100

63 85.0 64.5 104.5

95 31.9 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 33.356 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

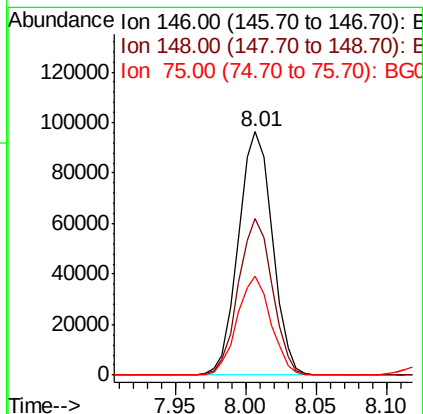
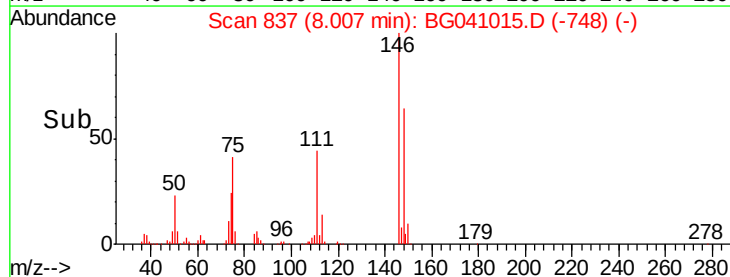
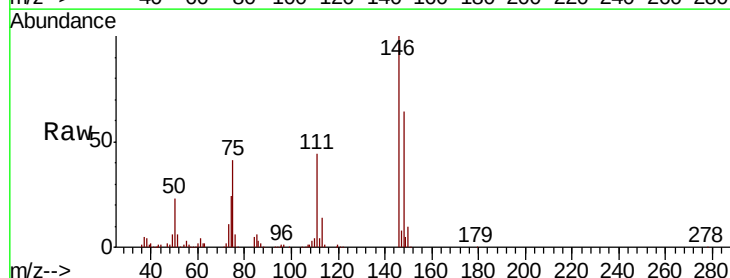
Tgt Ion: 146 Resp: 162801

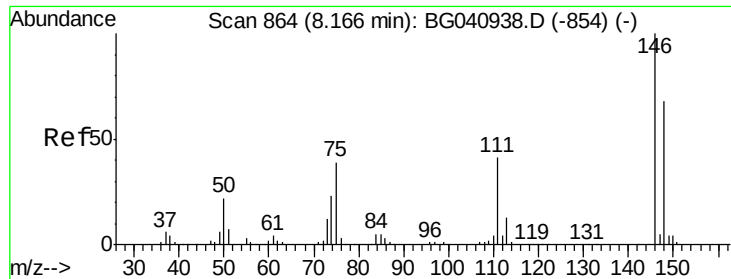
Ion Ratio Lower Upper

146 100

148 64.3 49.2 73.8

75 40.8 29.4 44.0

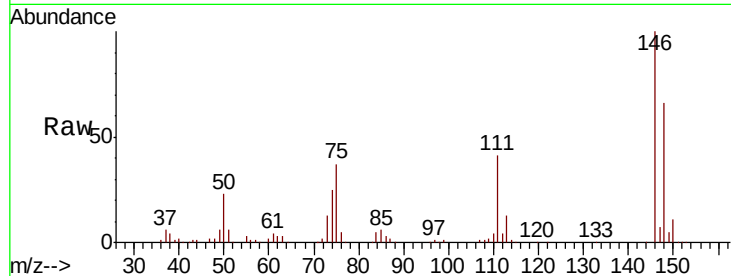




#13  
 1,4-Dichlorobenzene  
 Concen: 34.288 ng  
 RT: 8.16 min Scan# 863  
 Delta R.T. -0.01 min  
 Lab File: BG041015.D  
 Acq: 1 Jun 2019 16:48

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.5  | 54.2  | 81.4  |
| 111     | 41.0  | 32.9  | 49.3  |

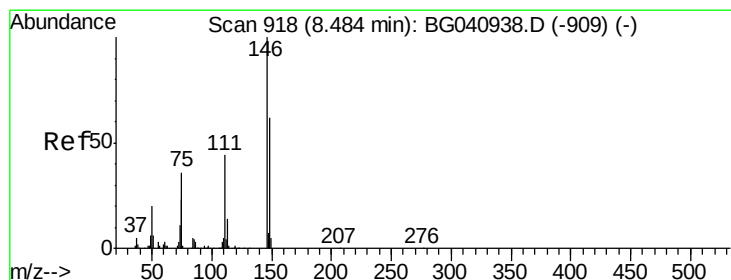
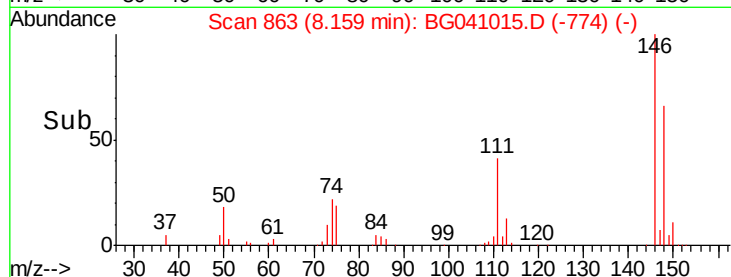
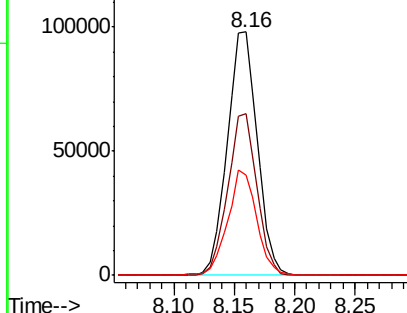


Abundance

Ion 146.00 (145.70 to 146.70): E

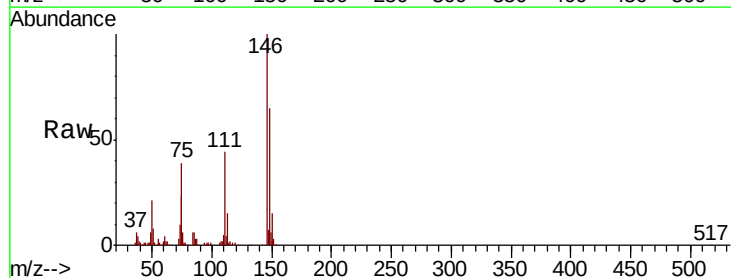
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 33.520 ng  
 RT: 8.48 min Scan# 917  
 Delta R.T. -0.01 min  
 Lab File: BG041015.D  
 Acq: 1 Jun 2019 16:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.7  | 49.8  | 74.6  |
| 111     | 43.8  | 35.0  | 52.4  |

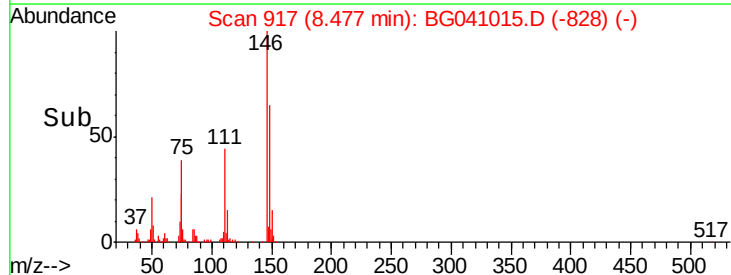
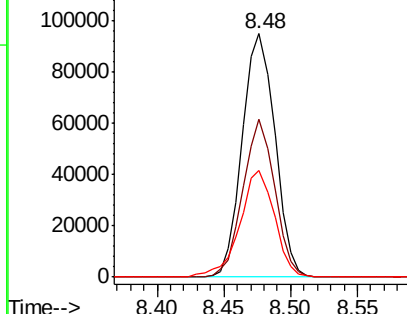


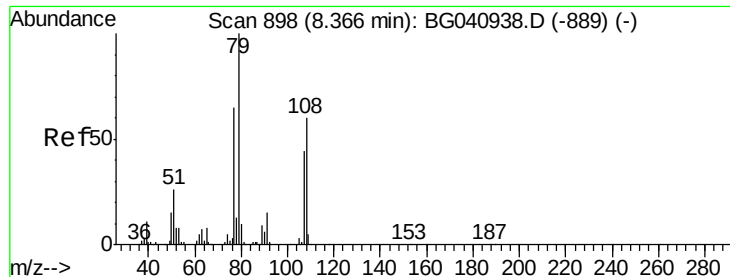
Abundance

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: 36.630 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampled :

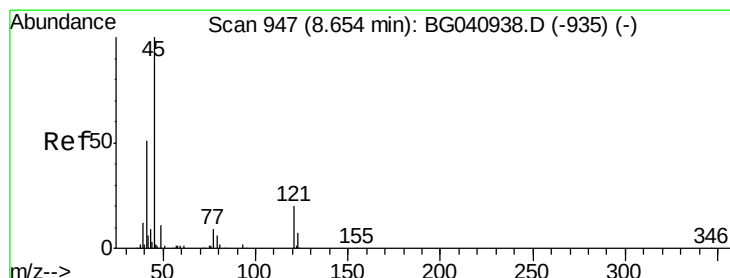
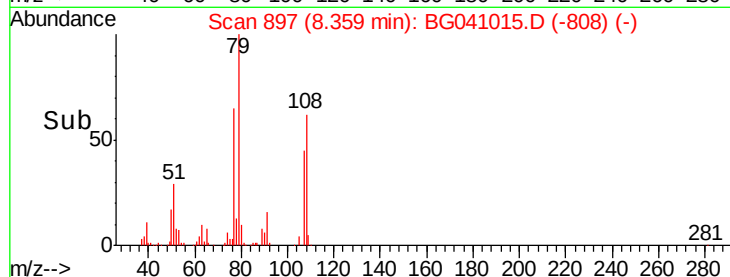
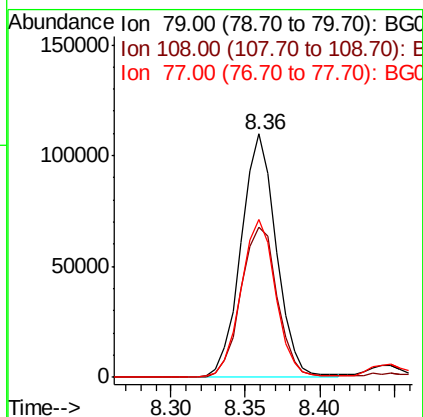
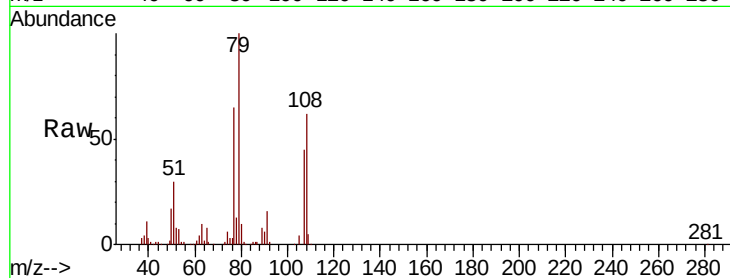
Tot Ion: 79 Resp: 179374

Ion Ratio Lower Upper

79 100

108 61.8 48.3 72.5

77 64.7 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.245 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

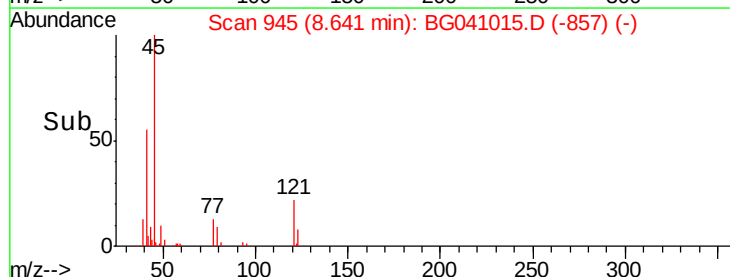
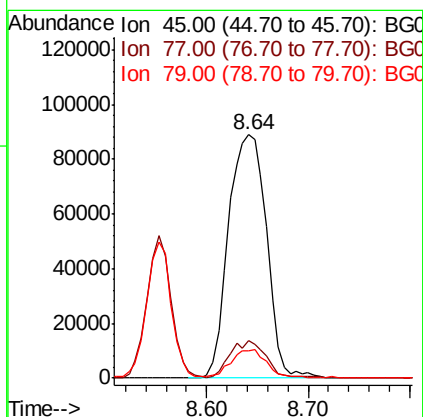
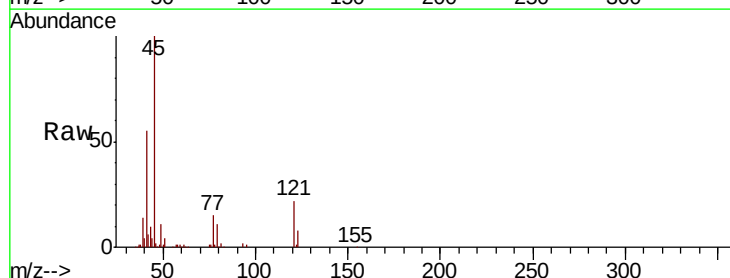
Tgt Ion: 45 Resp: 230416

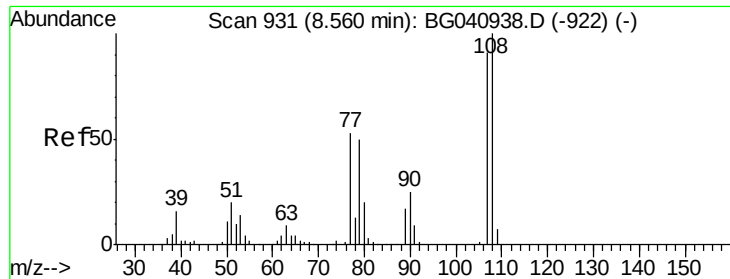
Ion Ratio Lower Upper

45 100

77 15.3 0.0 33.7

79 11.0 0.0 30.2





#17

2-Methylphenol

Concen: 35.757 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampled :

Tot Ion:107 Resp: 146951

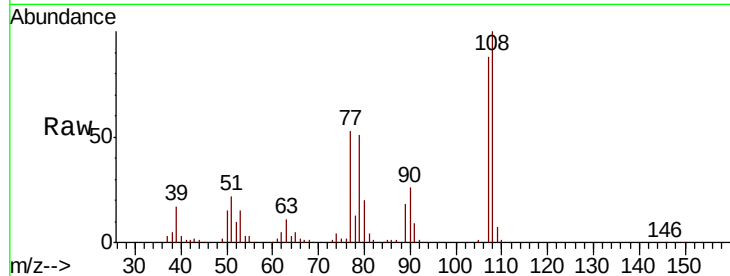
Ion Ratio Lower Upper

107 100

108 113.3 87.7 131.5

77 59.6 46.6 70.0

79 57.3 44.6 66.8

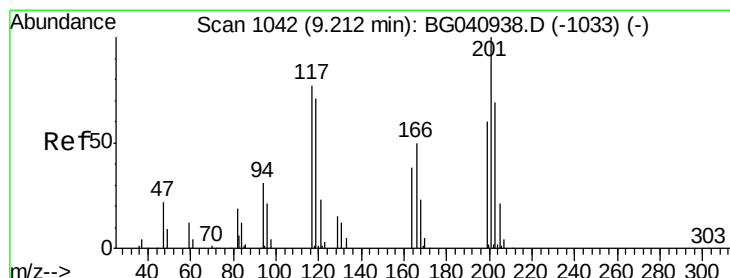
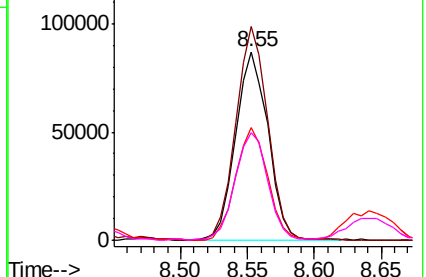
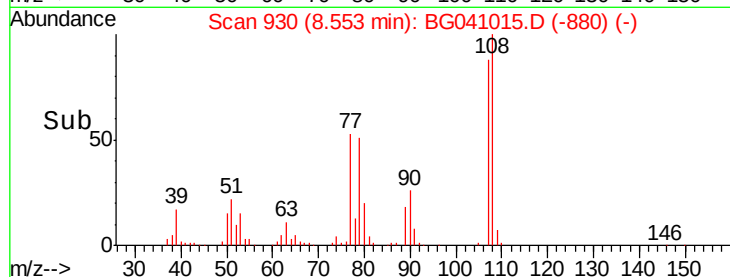


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 33.431 ng

RT: 9.21 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

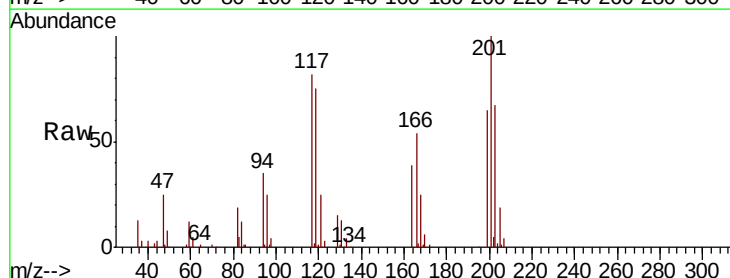
Tgt Ion:117 Resp: 63657

Ion Ratio Lower Upper

117 100

119 92.1 75.0 112.6

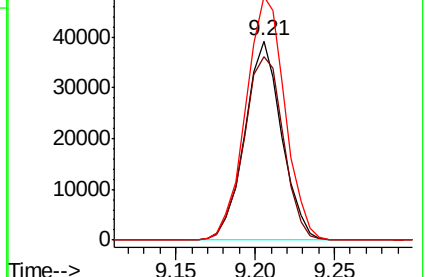
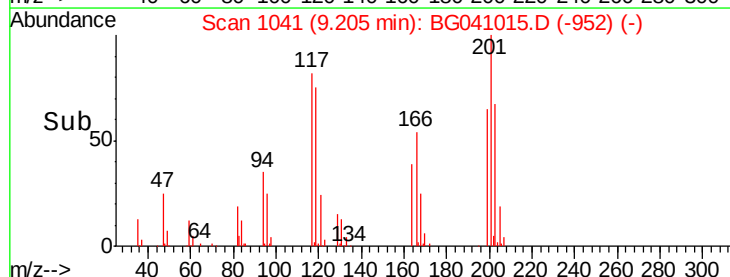
201 122.1 103.5 155.3

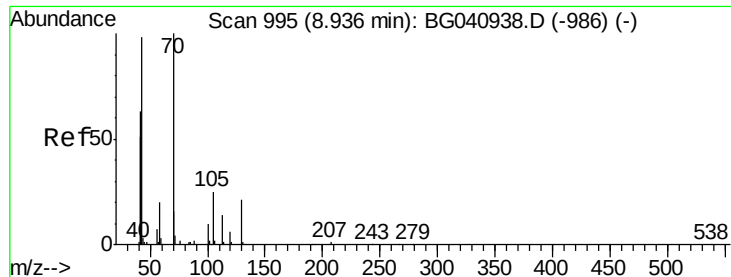


Abundance Ion 117.00 (116.70 to 117.70): E

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: 33.977 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 70 Resp: 138415

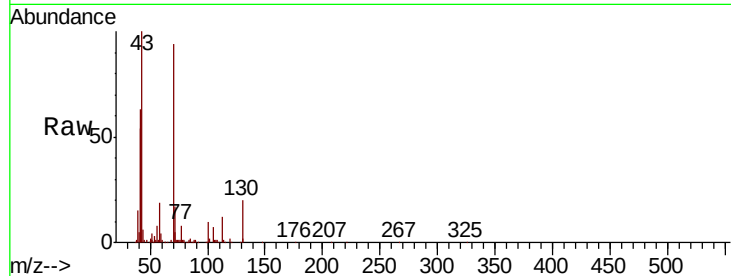
Ion Ratio Lower Upper

70 100

42 67.2 51.5 77.3

101 11.0 8.1 12.1

130 20.9 16.6 24.8

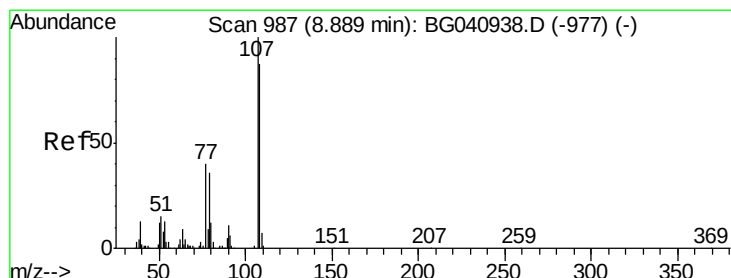
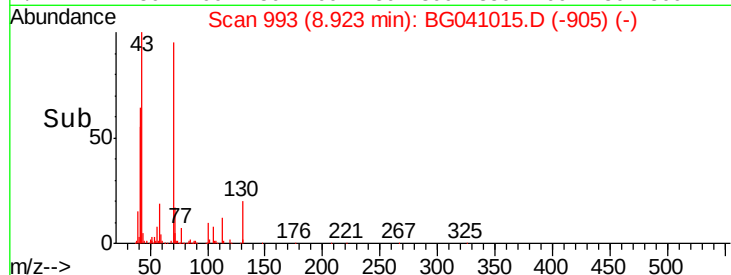
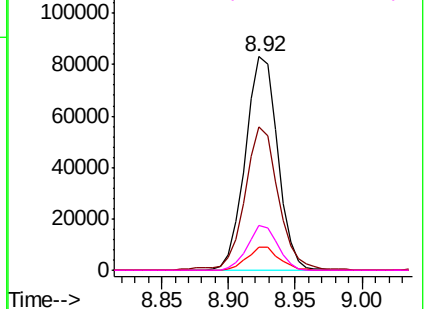


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 36.428 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Tgt Ion: 107 Resp: 207374

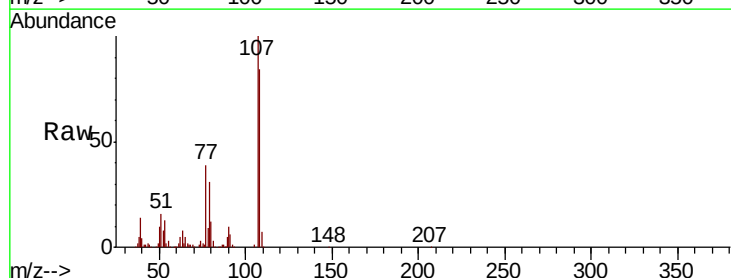
Ion Ratio Lower Upper

107 100

108 84.2 66.8 106.8

77 38.9 20.5 60.5

79 30.6 15.8 55.8

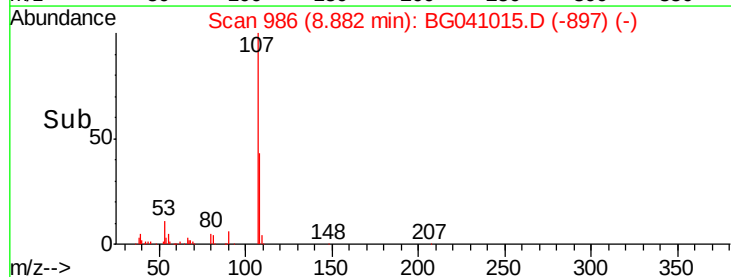
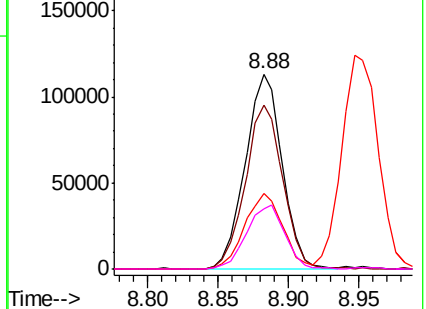


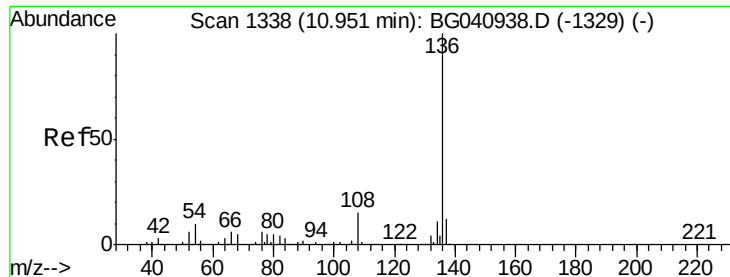
Abundance Ion 107.00 (106.70 to 107.70): BGC

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# 1337

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:136 Resp: 252557

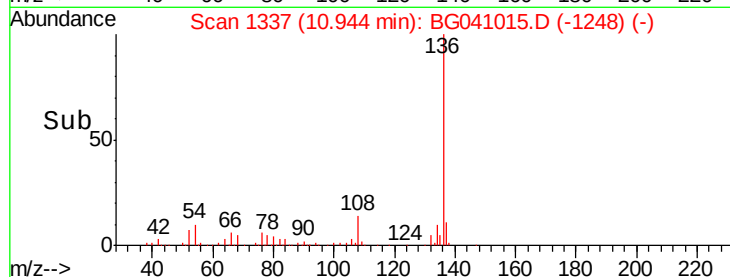
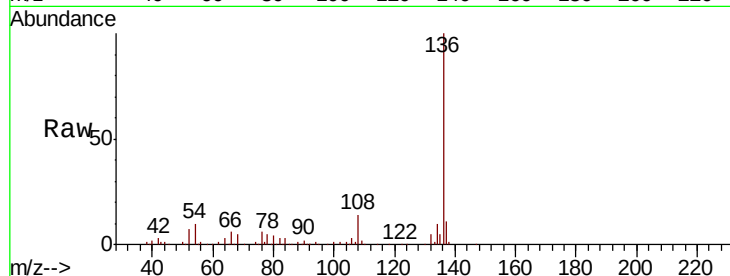
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 10.1 7.6 11.4

68 4.9 3.9 5.9



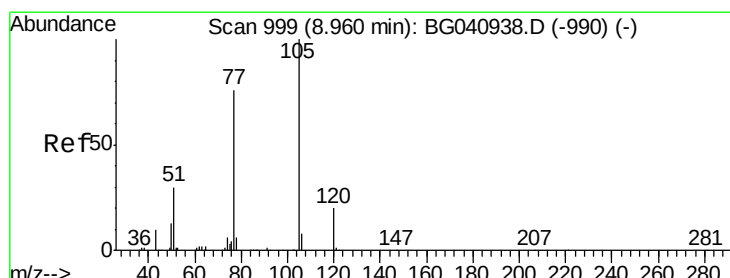
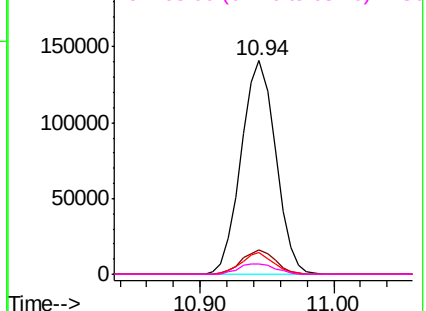
Abundance

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: 37.025 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Tgt Ion:105 Resp: 262311

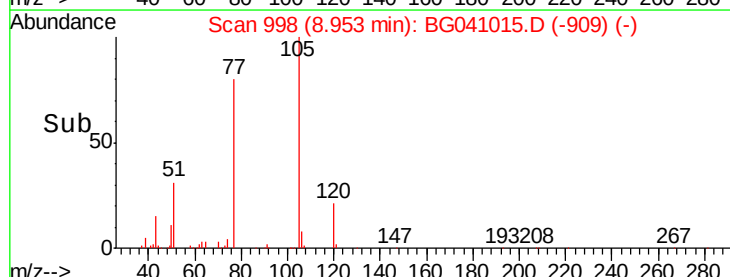
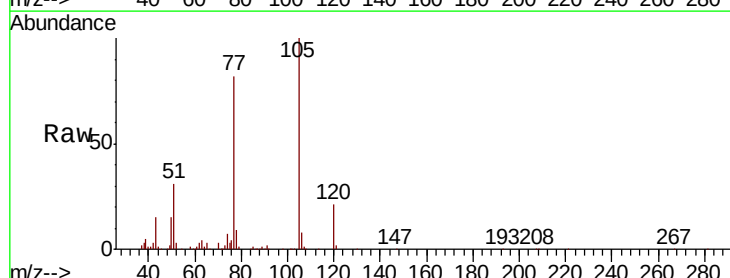
Ion Ratio Lower Upper

105 100

71 0.5 0.4 0.6

51 31.4 27.0 40.6

120 21.4 16.2 24.4



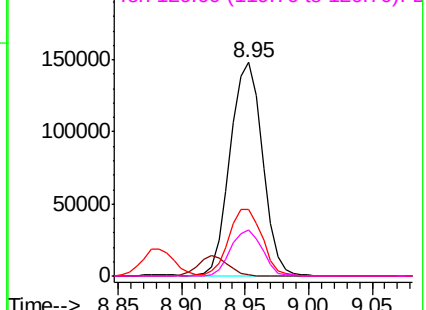
Abundance

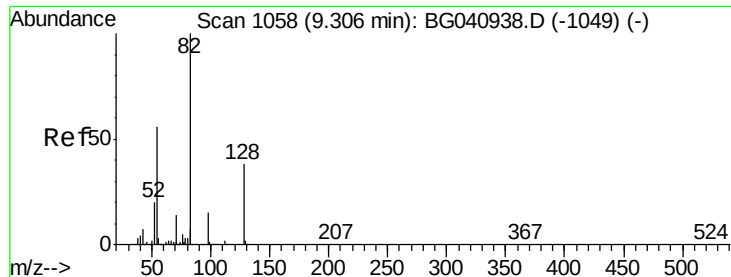
Ion 105.00 (104.70 to 105.70): E

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

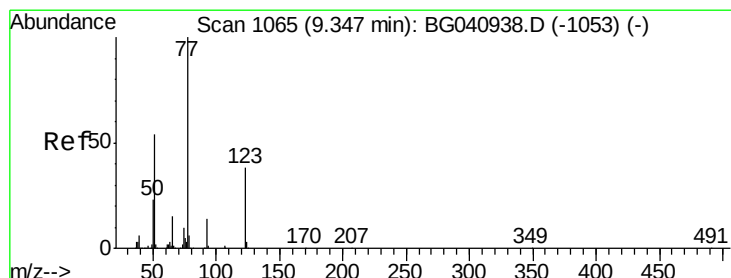
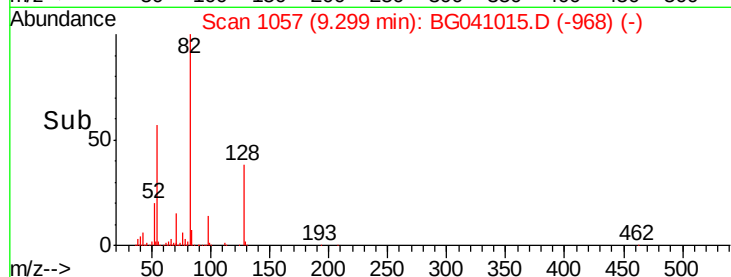
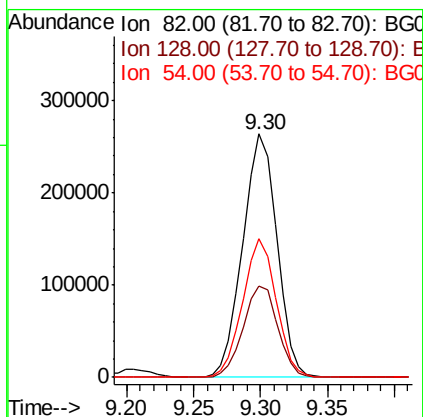
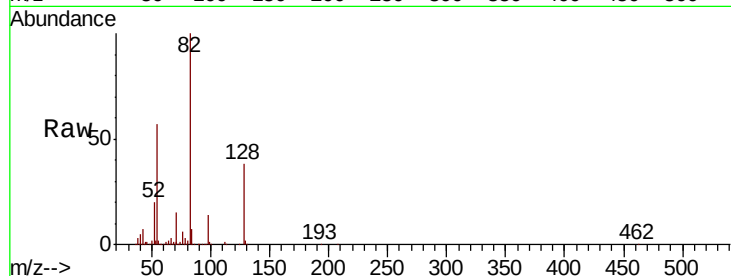




#23  
 Nitrobenzene-d5  
 Concen: 82.452 ng  
 RT: 9.30 min Scan# 1057  
 Delta R.T. -0.01 min  
 Lab File: BG041015.D  
 Acq: 1 Jun 2019 16:48

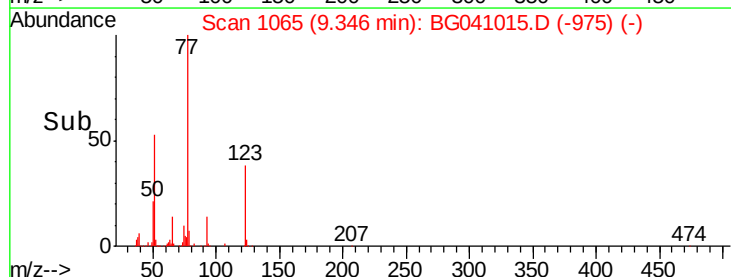
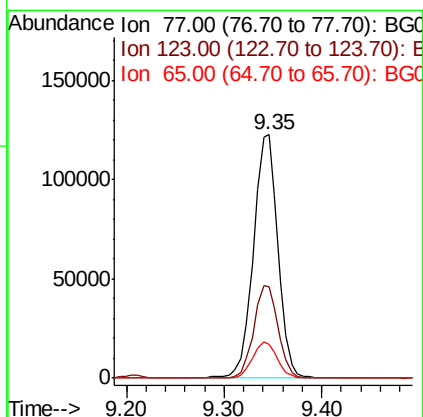
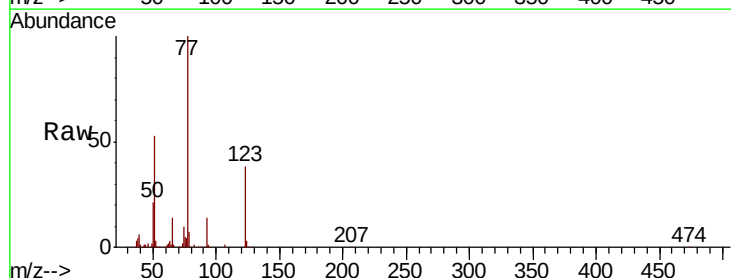
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion: 82 Resp: 469072  
 Ion Ratio Lower Upper  
 82 100  
 128 37.7 30.5 45.7  
 54 57.2 44.6 66.8

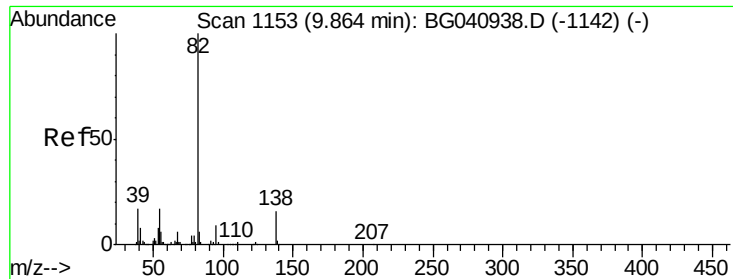


#24  
 Nitrobenzene  
 Concen: 37.381 ng  
 RT: 9.35 min Scan# 1065  
 Delta R.T. -0.00 min  
 Lab File: BG041015.D  
 Acq: 1 Jun 2019 16:48

Tgt Ion: 77 Resp: 216718  
 Ion Ratio Lower Upper  
 77 100  
 123 37.7 30.6 46.0  
 65 14.1 12.3 18.5



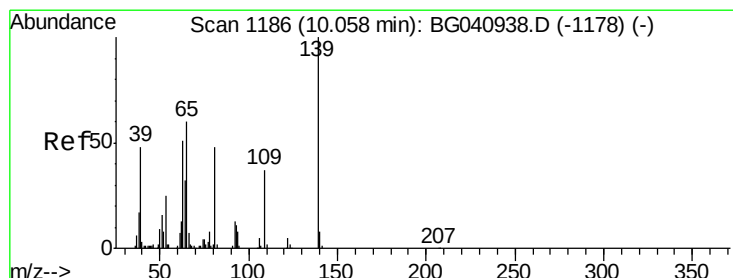
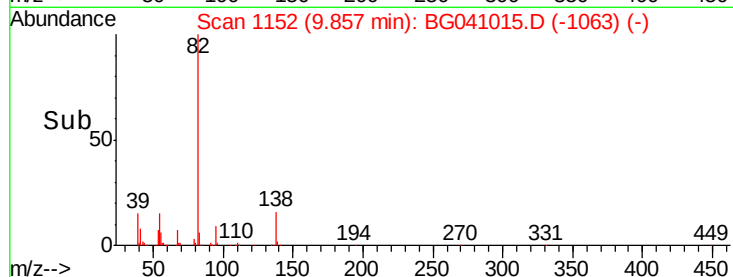
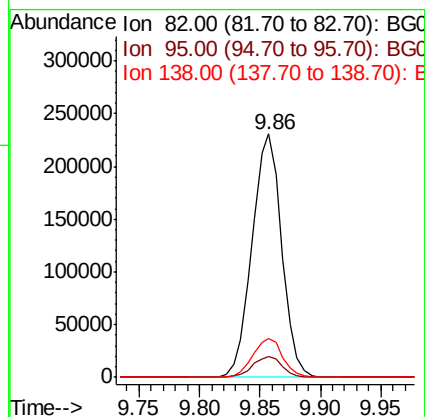
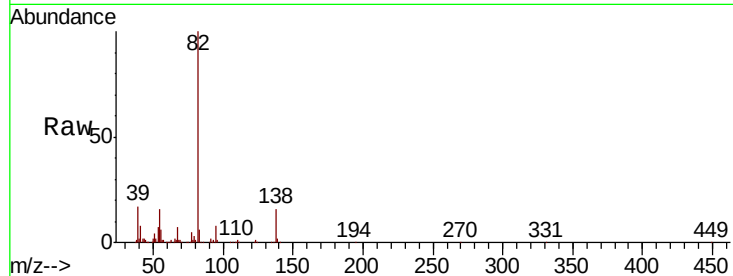




#25  
Isophorone  
Concen: 36.544 ng  
RT: 9.86 min Scan# 1152  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

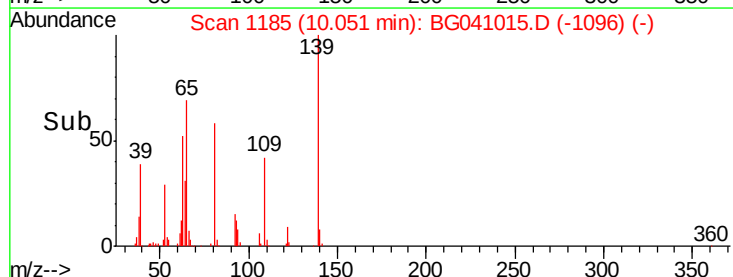
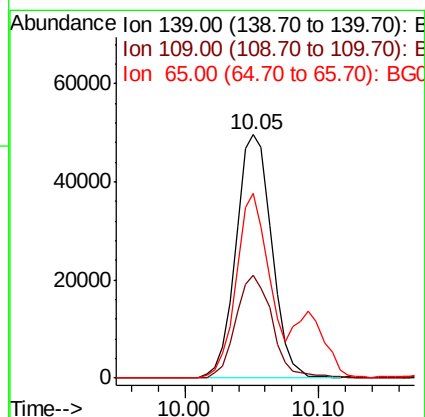
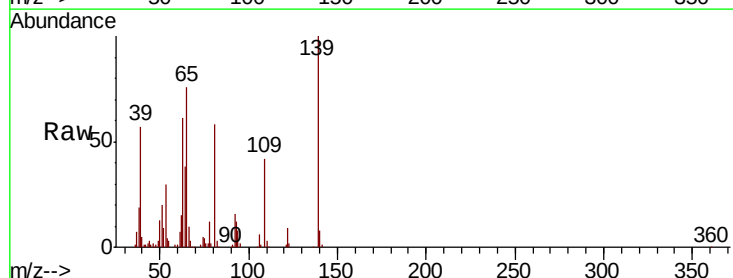
Instrument :  
BNA\_G  
ClientSampleId :

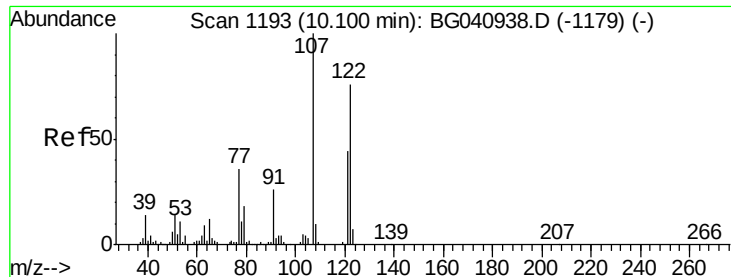
Tot Ion: 82 Resp: 395646  
Ion Ratio Lower Upper  
82 100  
95 8.4 7.0 10.4  
138 15.7 12.6 19.0



#26  
2-Nitrophenol  
Concen: 38.345 ng  
RT: 10.05 min Scan# 1185  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

Tgt Ion: 139 Resp: 91647  
Ion Ratio Lower Upper  
139 100  
109 42.4 29.8 44.6  
65 76.0 47.8 71.6#

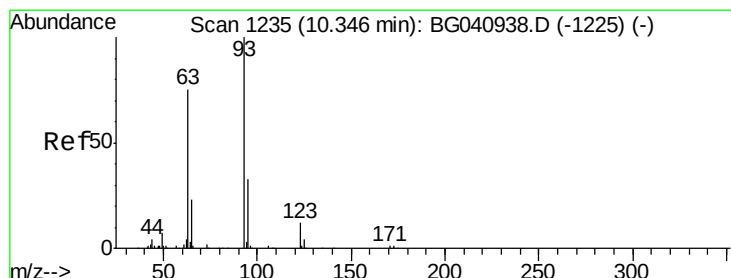
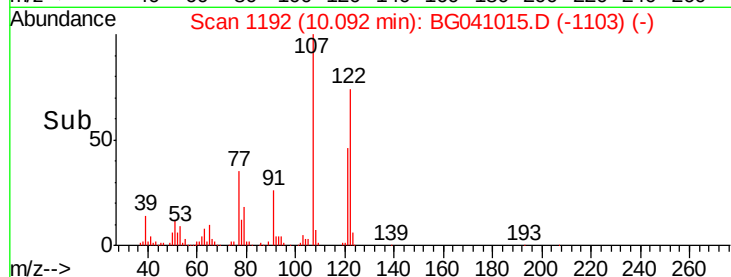
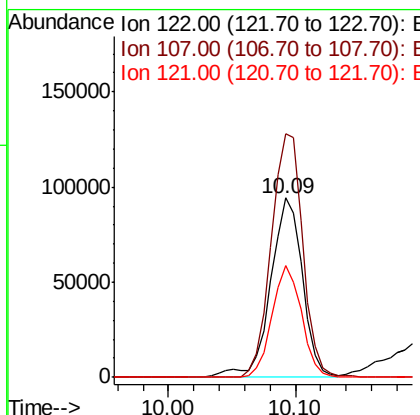
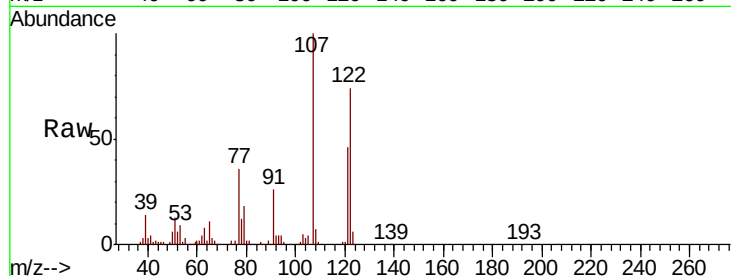




#27  
2,4-Dimethylphenol  
Concen: 41.747 ng  
RT: 10.09 min Scan# 1192  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

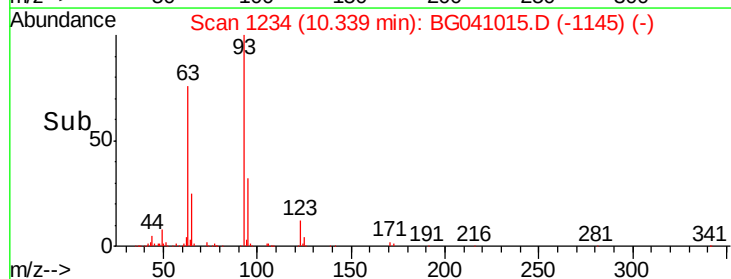
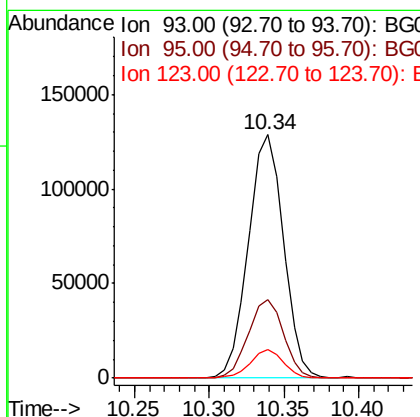
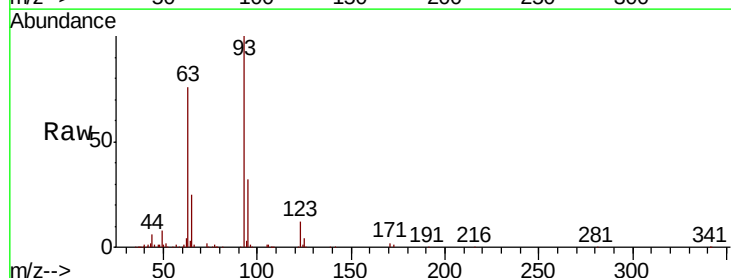
Instrument :  
BNA\_G  
ClientSampled :

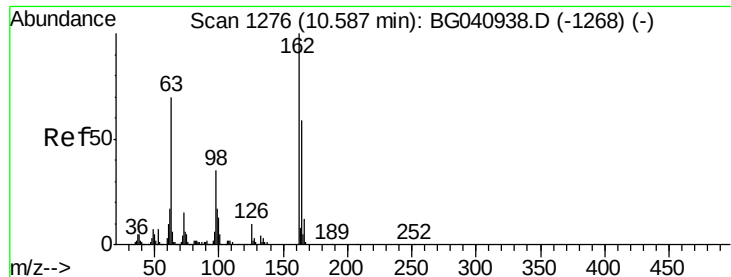
| Tot Ion   | 122   | Resp  | 164791 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 107       | 135.9 | 105.9 | 158.9  |
| 121       | 62.3  | 46.2  | 69.4   |



#28  
bis(2-Chloroethoxy)methane  
Concen: 35.814 ng  
RT: 10.34 min Scan# 1234  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

| Tgt Ion   | 93    | Resp  | 209275 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 32.4  | 26.2  | 39.2   |
| 123       | 11.7  | 9.5   | 14.3   |





#29

2,4-Dichlorophenol

Concen: 36.919 ng

RT: 10.58 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampled :

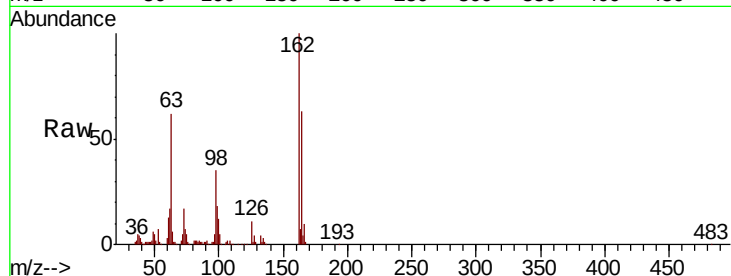
Tot Ion:162 Resp: 185064

Ion Ratio Lower Upper

162 100

164 62.9 39.4 79.4

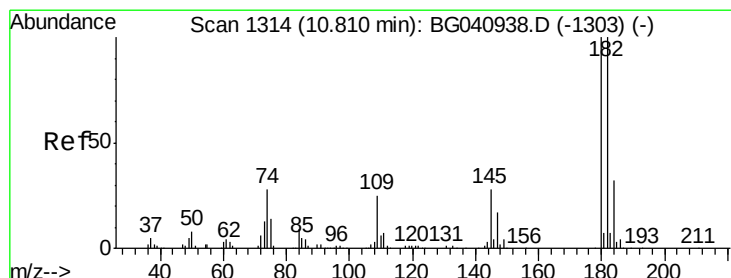
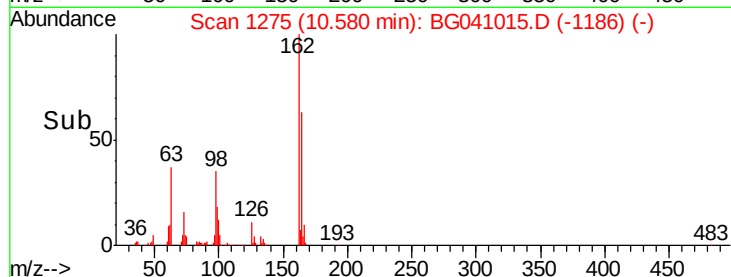
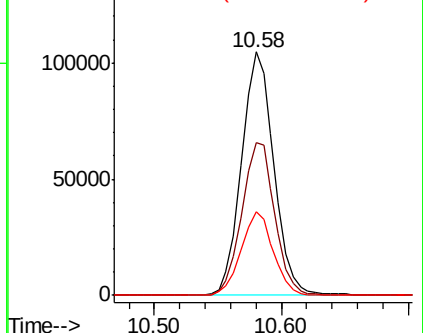
98 34.5 15.3 55.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 35.477 ng

RT: 10.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

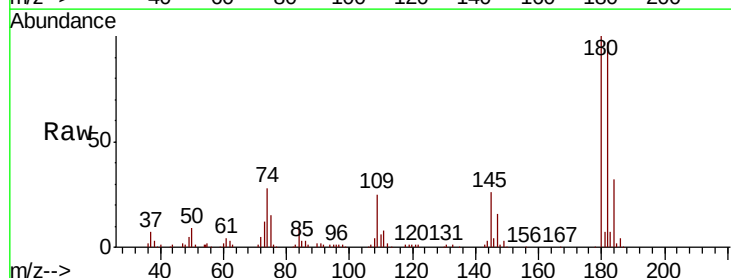
Tgt Ion:180 Resp: 202301

Ion Ratio Lower Upper

180 100

182 97.5 79.7 119.5

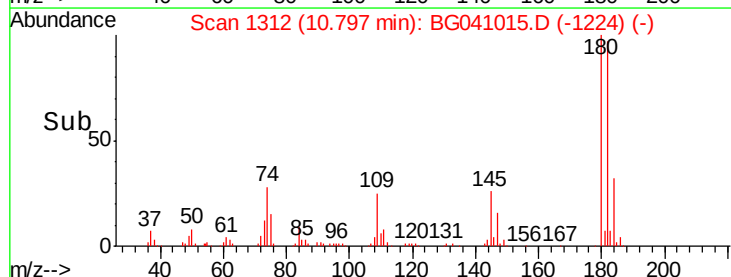
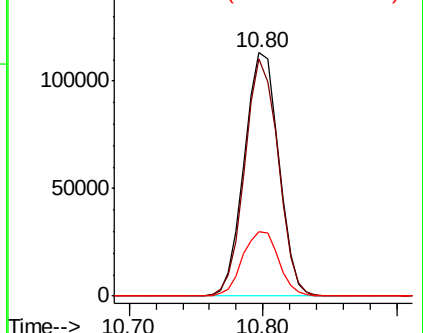
145 26.4 22.6 34.0

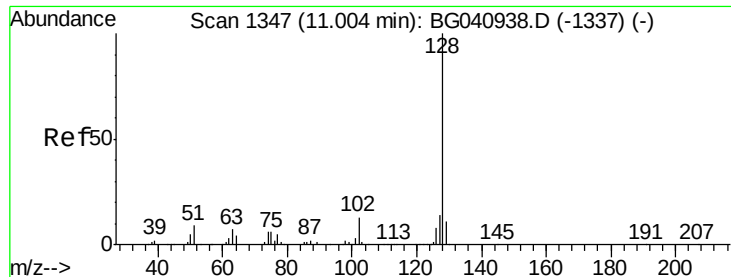


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

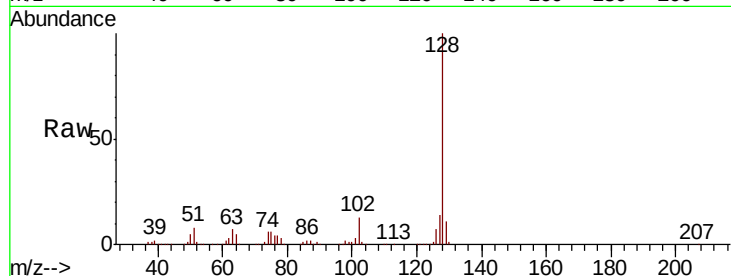




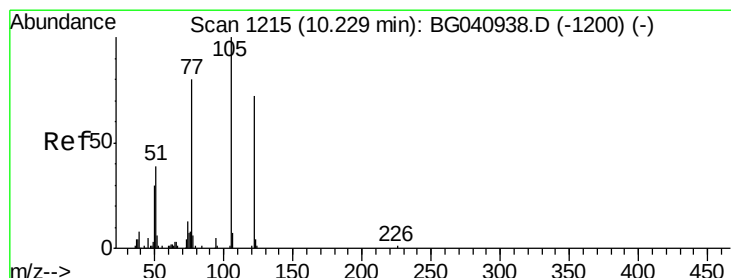
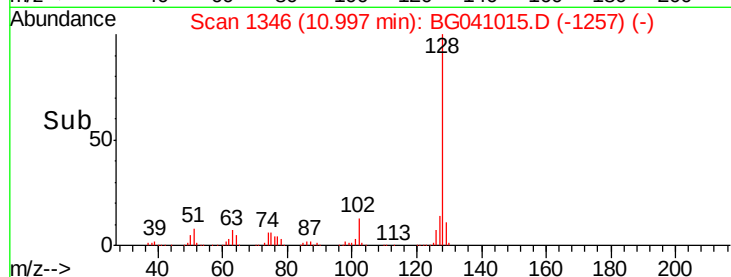
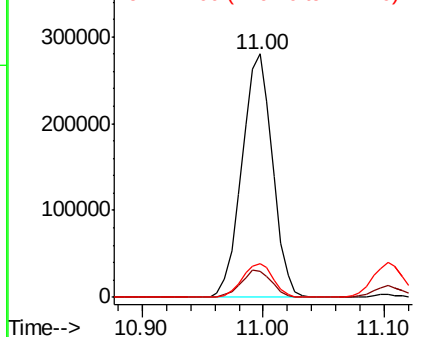
#31  
Naphthalene  
Concen: 36.529 ng  
RT: 11.00 min Scan# 1346  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 495336  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.5 12.7  
127 13.6 11.4 17.2

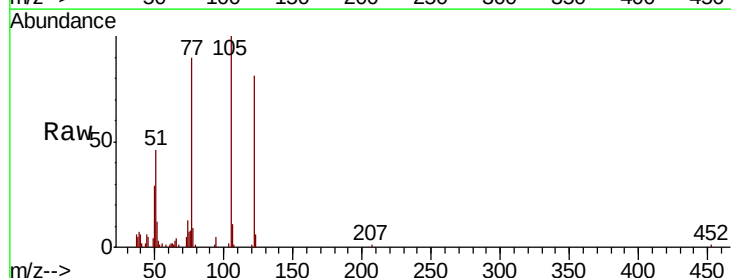


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

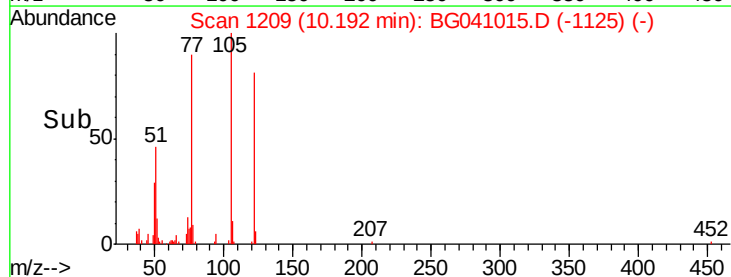
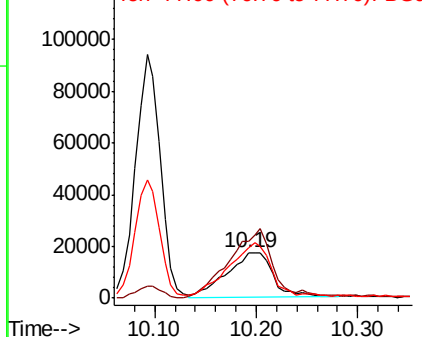


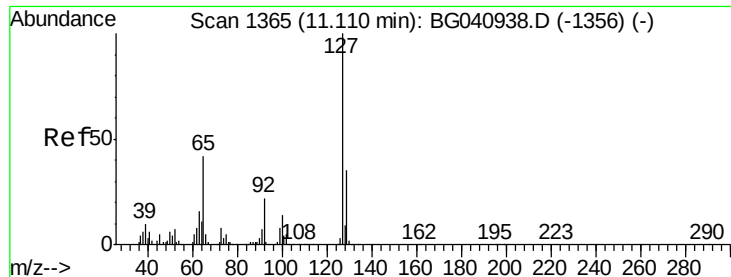
#32  
Benzoic acid  
Concen: 22.649 ng  
RT: 10.19 min Scan# 1209  
Delta R.T. -0.04 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

Tgt Ion:122 Resp: 53650  
Ion Ratio Lower Upper  
122 100  
105 124.2 114.8 154.8  
77 112.0 89.9 129.9



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

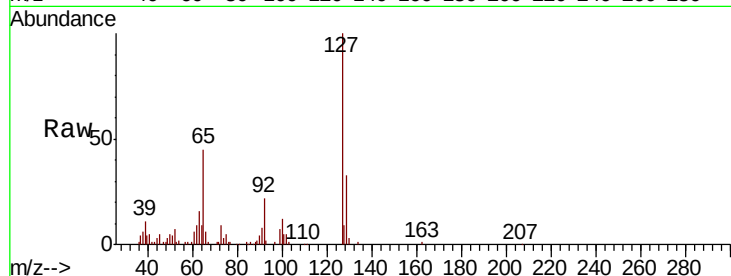




#33  
4-Chloroaniline  
Concen: 11.671 ng  
RT: 11.10 min Scan# 1364  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 127     | 100   |       |       |
| 129     | 33.4  | 27.7  | 41.5  |
| 65      | 45.0  | 33.2  | 49.8  |
| 92      | 21.9  | 17.2  | 25.8  |



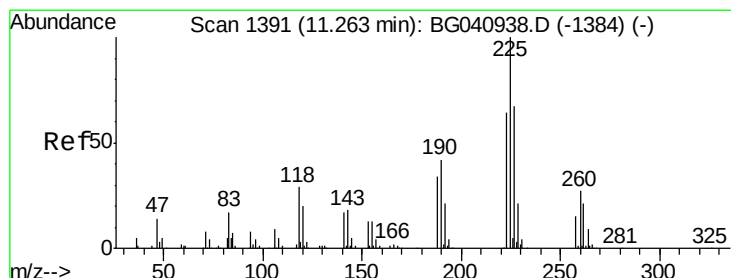
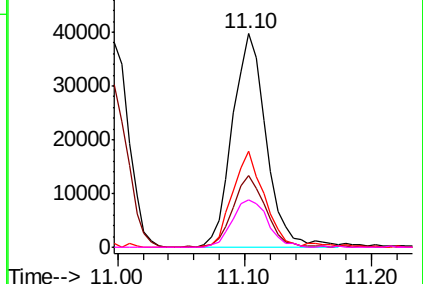
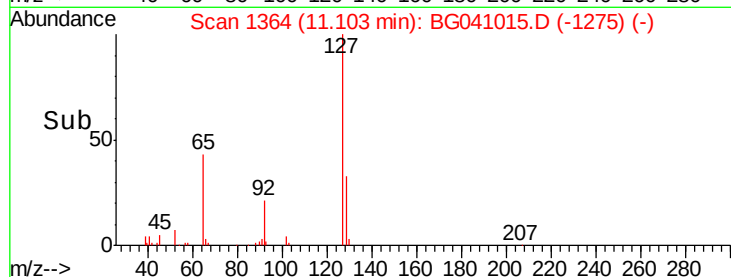
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

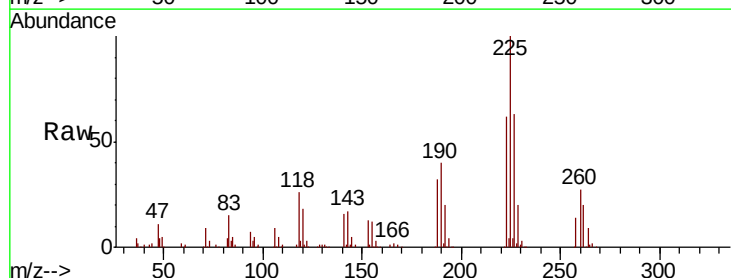
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 33.772 ng  
RT: 11.26 min Scan# 1390  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.6  | 48.8  | 73.2  |
| 227     | 65.7  | 51.4  | 77.0  |

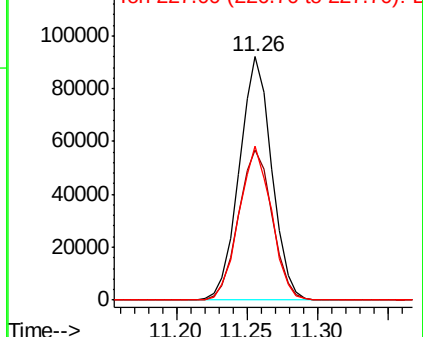
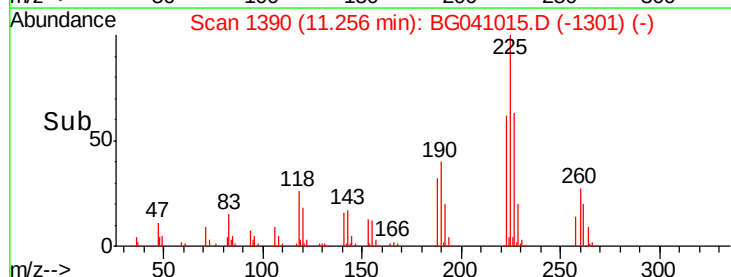


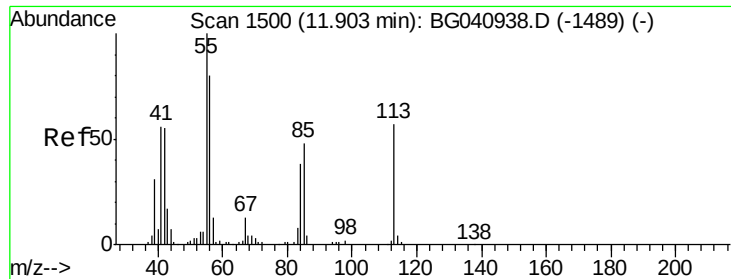
Abundance

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: 33.849 ng

RT: 11.89 min Scan# 1498

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampleId :

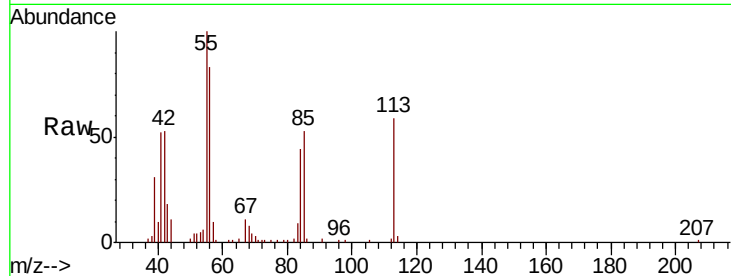
Tot Ion:113 Resp: 56030

Ion Ratio Lower Upper

113 100

55 168.6 155.9 195.9

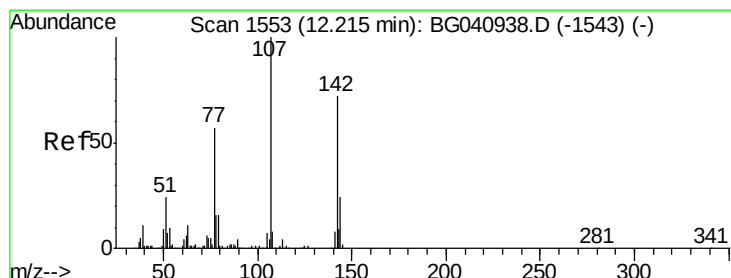
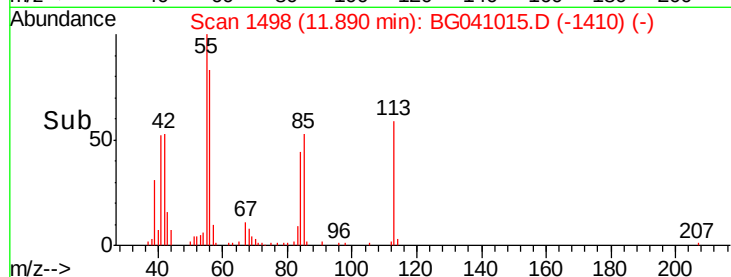
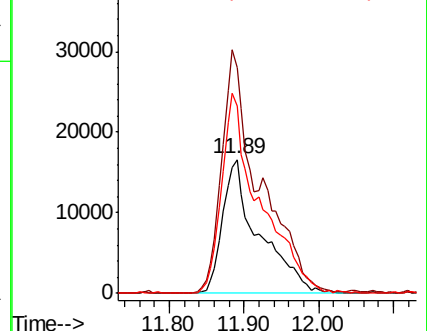
56 140.0 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 35.556 ng

RT: 12.21 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

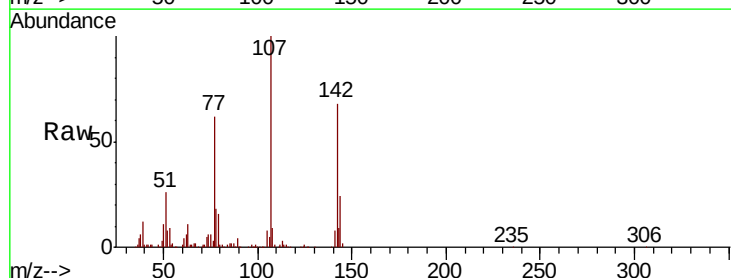
Tgt Ion:107 Resp: 203548

Ion Ratio Lower Upper

107 100

144 24.3 19.4 29.0

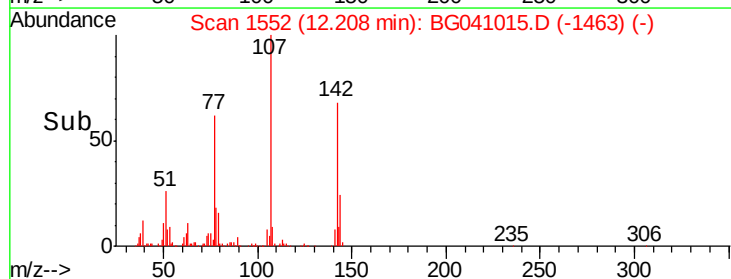
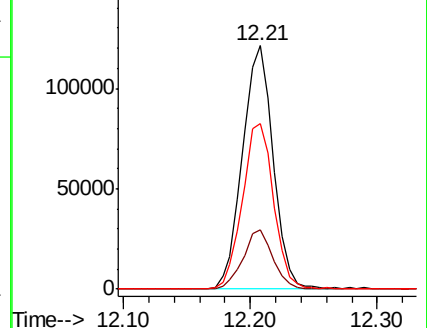
142 67.9 57.3 85.9

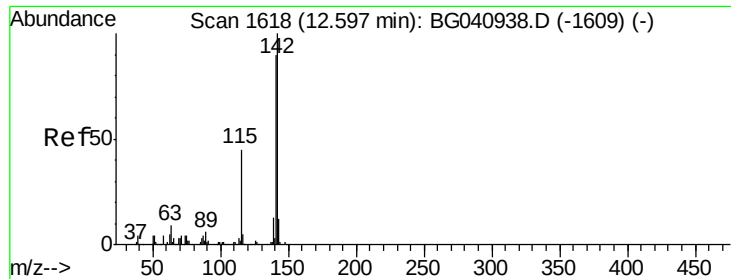


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

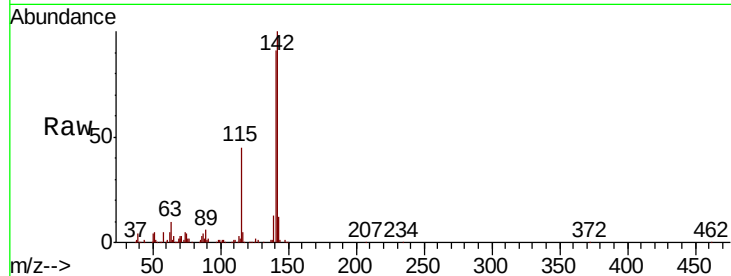




#37  
2-Methylnaphthalene  
Concen: 35.625 ng  
RT: 12.59 min Scan# 1617  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 90.6  | 72.2  | 108.4 |
| 115     | 45.3  | 36.2  | 54.4  |

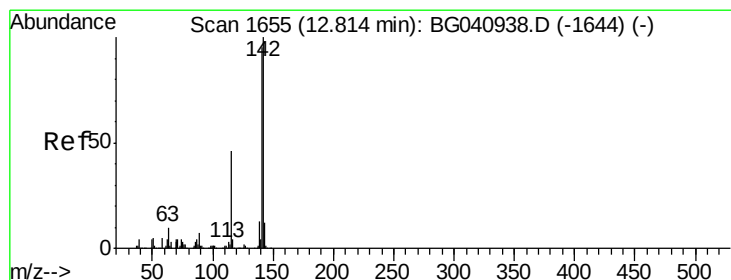
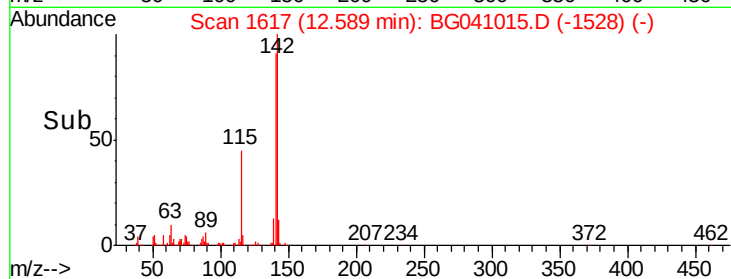
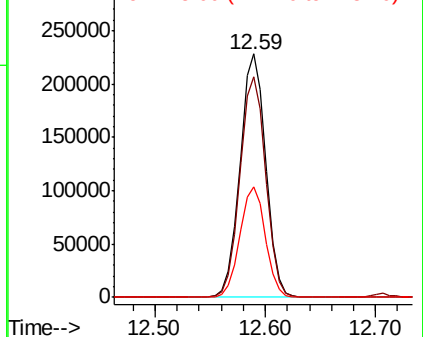


Abundance

Ion 142.00 (141.70 to 142.70): E

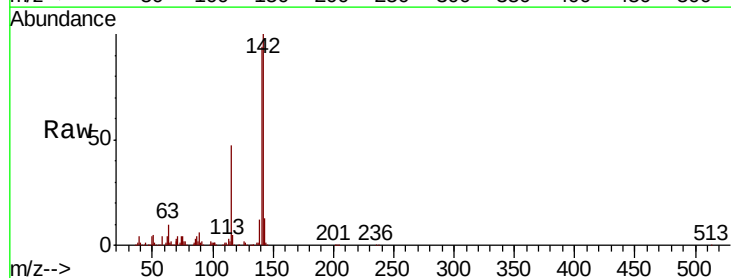
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 36.297 ng  
RT: 12.81 min Scan# 1654  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.2  | 75.7  | 113.5 |
| 116     | 4.6   | 3.4   | 5.2   |

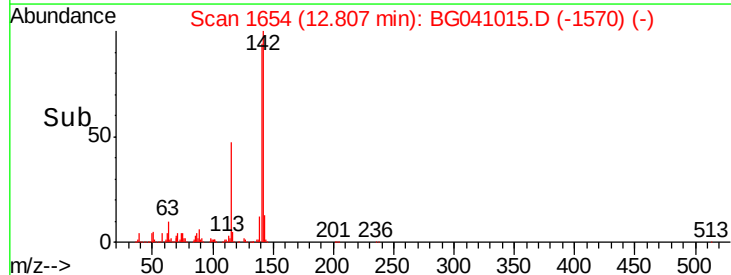
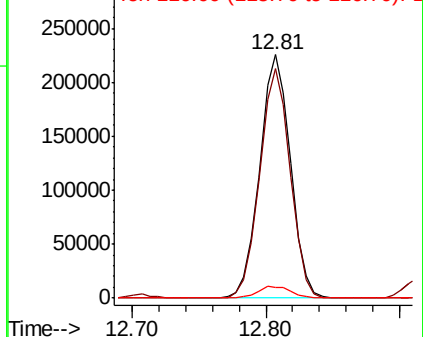


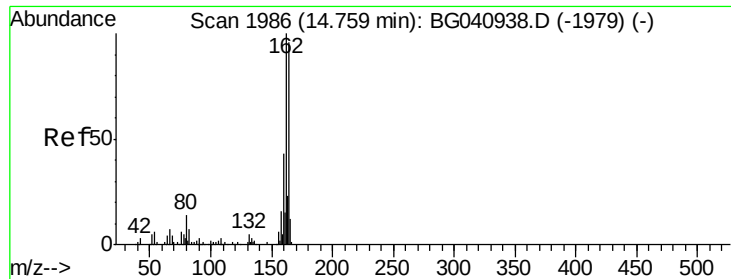
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampleId :

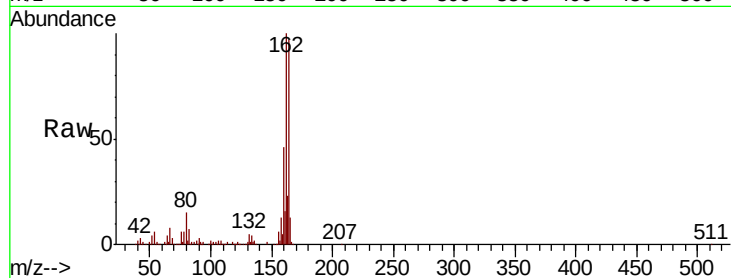
Tot Ion:164 Resp: 180883

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.4

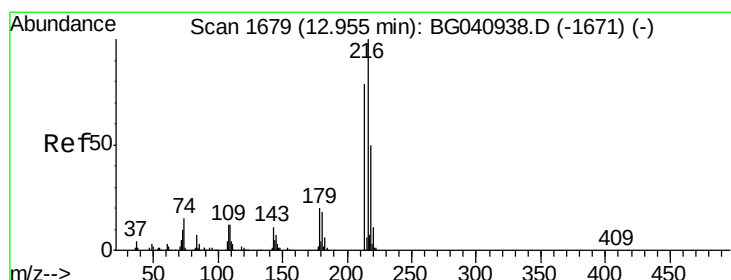
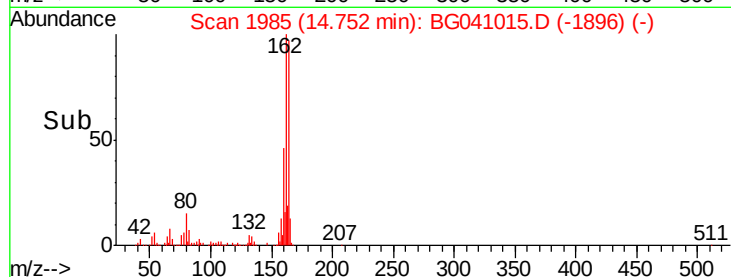
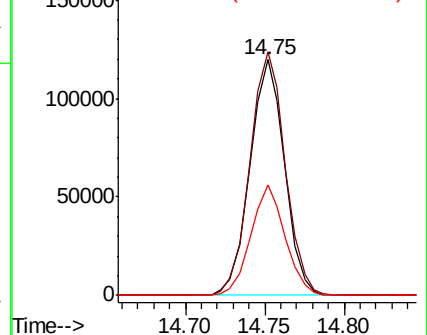
160 47.1 35.6 53.4



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: 37.172 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Tgt Ion:216 Resp: 271005

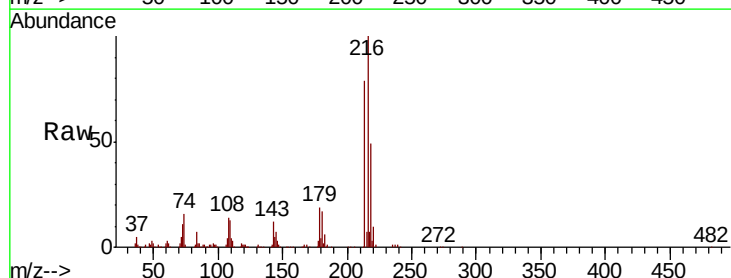
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 19.2 15.2 22.8

108 17.0 11.4 17.2

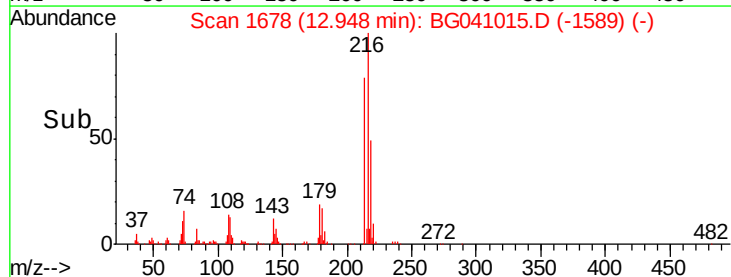
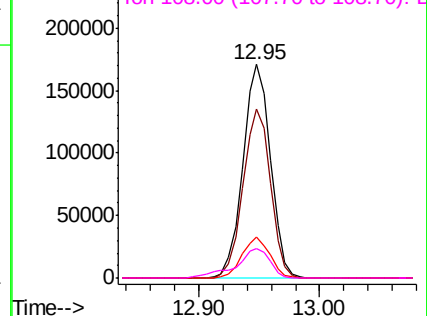


Abundance Ion 216.00 (215.70 to 216.70): E

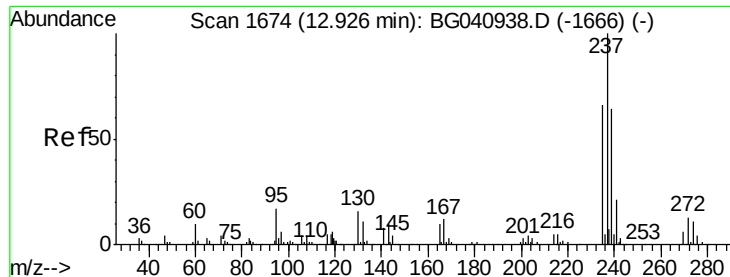
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 74.634 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampled :

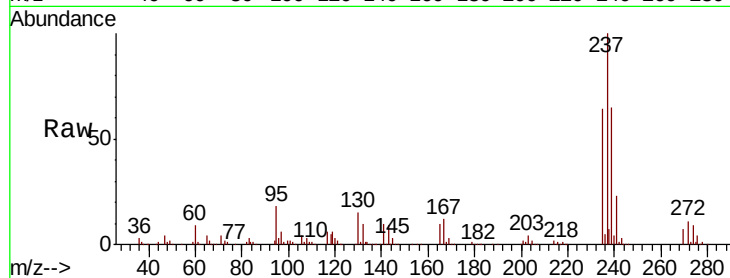
Tot Ion:237 Resp: 290080

Ion Ratio Lower Upper

237 100

235 63.6 45.5 85.5

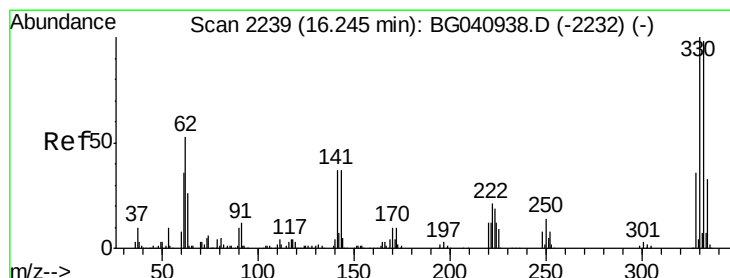
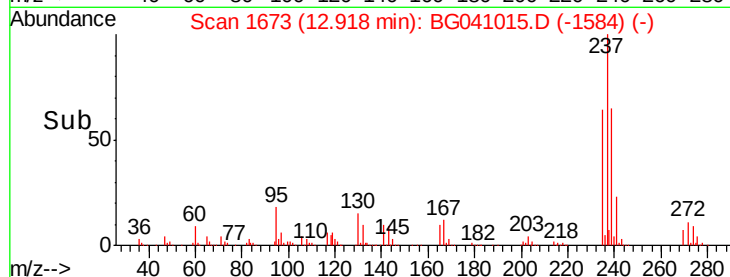
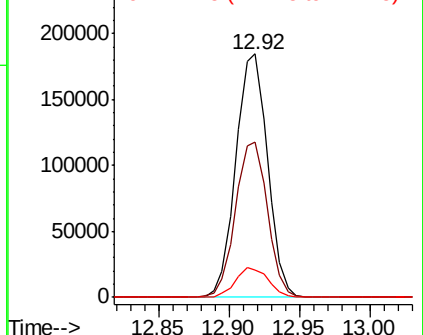
272 11.4 0.0 32.9



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: 127.421 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

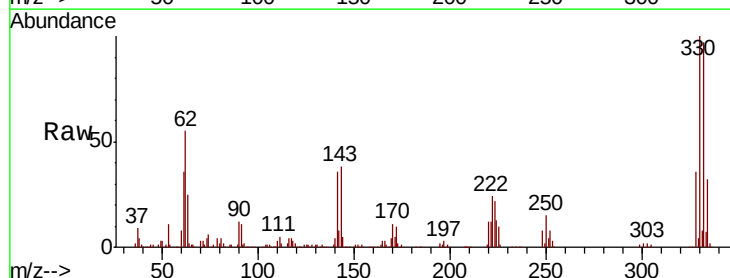
Tgt Ion:330 Resp: 342168

Ion Ratio Lower Upper

330 100

332 96.6 78.5 117.7

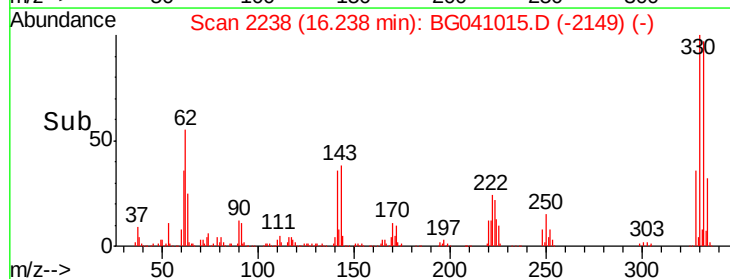
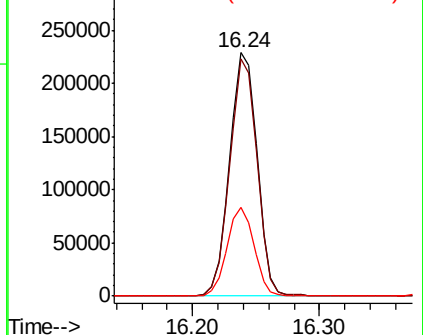
141 36.0 28.7 43.1

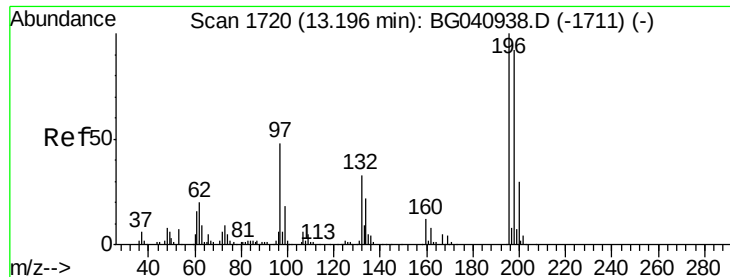


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

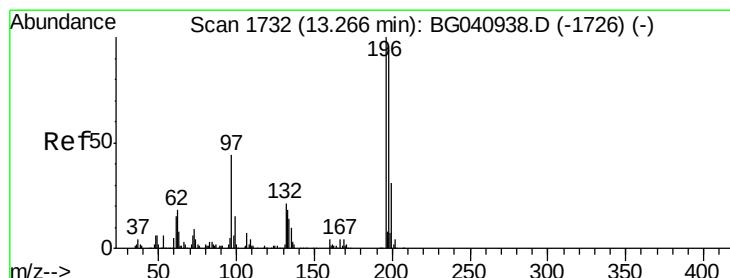
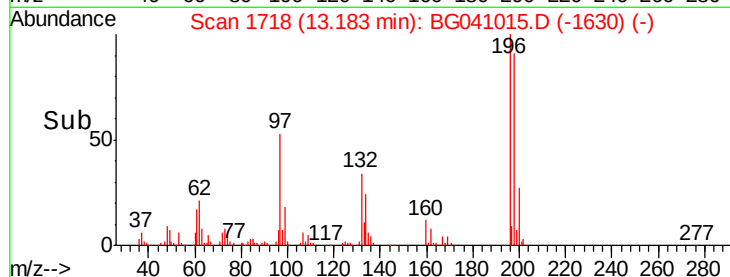
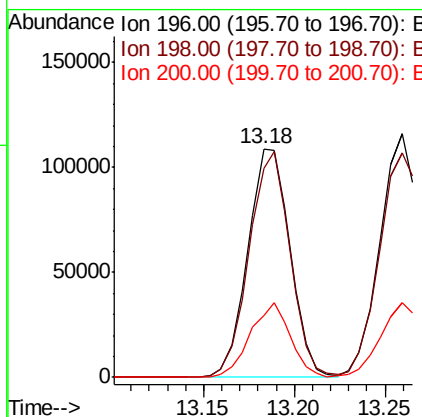
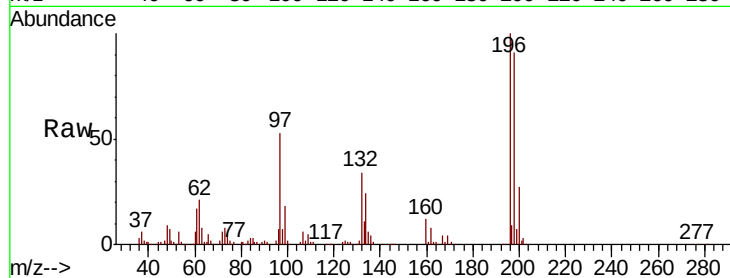




#43  
 2,4,6-Trichlorophenol  
 Concen: 37.500 ng  
 RT: 13.18 min Scan# 1718  
 Delta R.T. -0.01 min  
 Lab File: BG041015.D  
 Acq: 1 Jun 2019 16:48

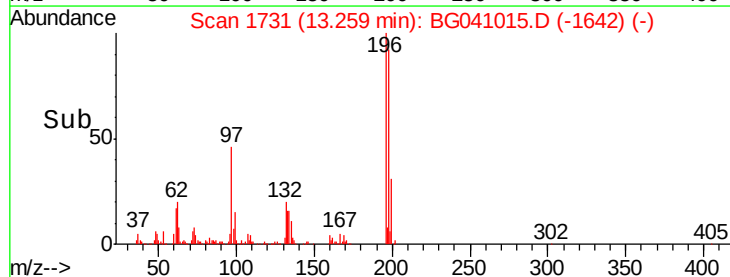
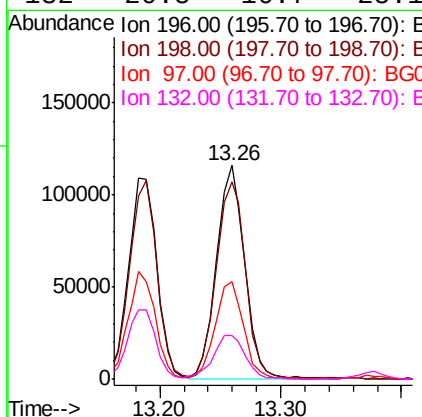
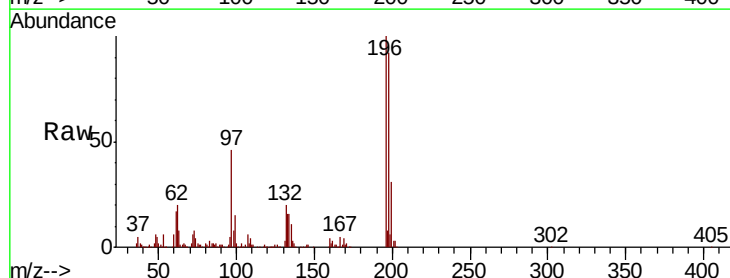
Instrument :  
 BNA\_G  
 ClientSampleId :

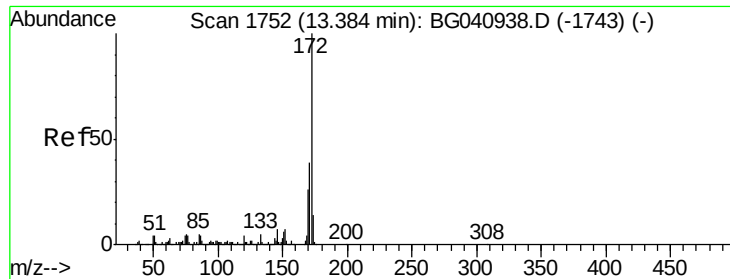
Tot Ion:196 Resp: 176865  
 Ion Ratio Lower Upper  
 196 100  
 198 91.4 73.8 110.6  
 200 27.3 24.1 36.1



#44  
 2,4,5-Trichlorophenol  
 Concen: 37.223 ng  
 RT: 13.26 min Scan# 1731  
 Delta R.T. -0.01 min  
 Lab File: BG041015.D  
 Acq: 1 Jun 2019 16:48

Tgt Ion:196 Resp: 185149  
 Ion Ratio Lower Upper  
 196 100  
 198 92.1 75.1 112.7  
 97 45.8 35.6 53.4  
 132 20.5 16.7 25.1



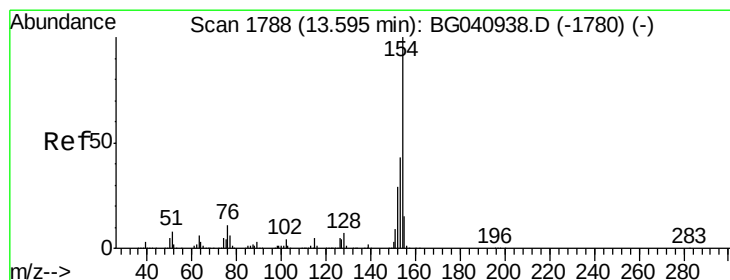
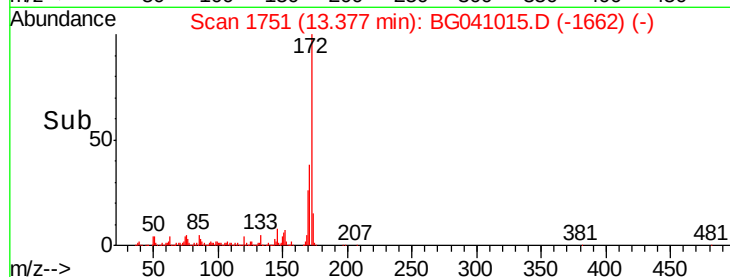
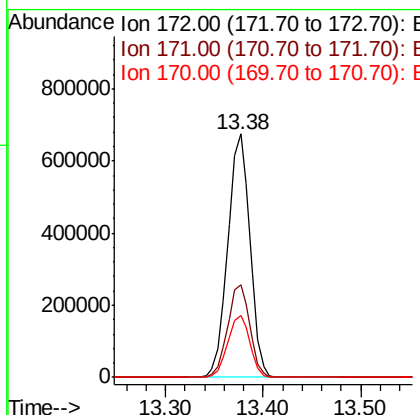
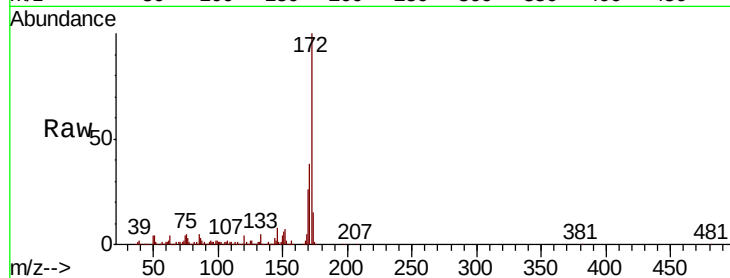


#45  
 2-Fluorobiphenyl  
 Concen: 84.092 ng  
 RT: 13.38 min Scan# 1751  
 Delta R.T. -0.01 min  
 Lab File: BG041015.D  
 Acq: 1 Jun 2019 16:48

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:172 Resp: 1056232  

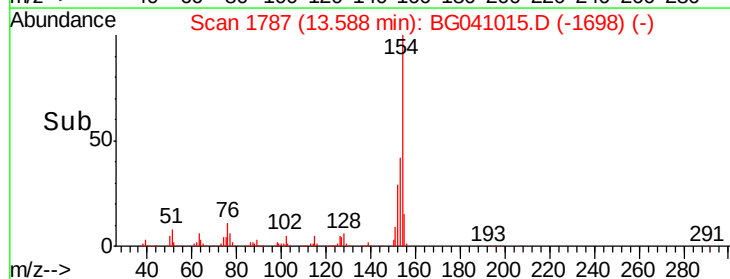
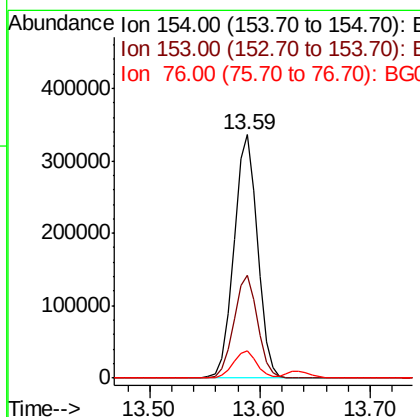
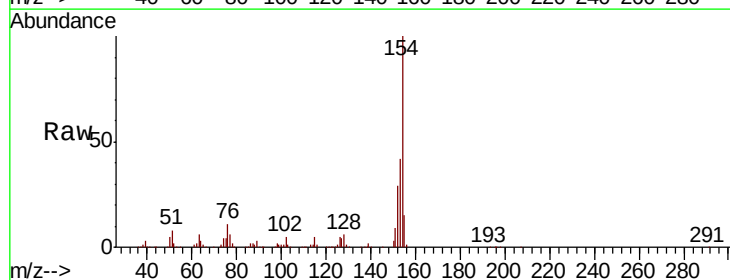
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 172 | 100   |       |       |
| 171 | 38.3  | 31.1  | 46.7  |
| 170 | 25.6  | 20.5  | 30.7  |

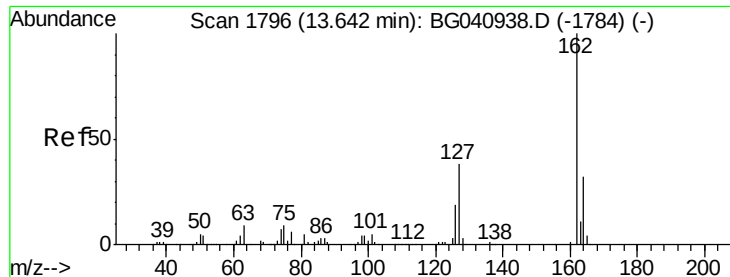


#46  
 1,1'-Biphenyl  
 Concen: 37.577 ng  
 RT: 13.59 min Scan# 1787  
 Delta R.T. -0.01 min  
 Lab File: BG041015.D  
 Acq: 1 Jun 2019 16:48

Tgt Ion:154 Resp: 503125  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 42.3  | 23.3  | 63.3  |
| 76  | 11.5  | 0.0   | 31.1  |

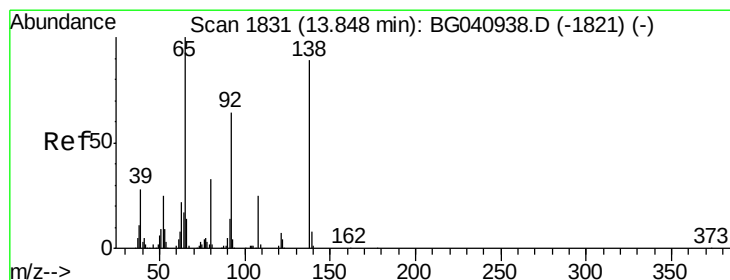
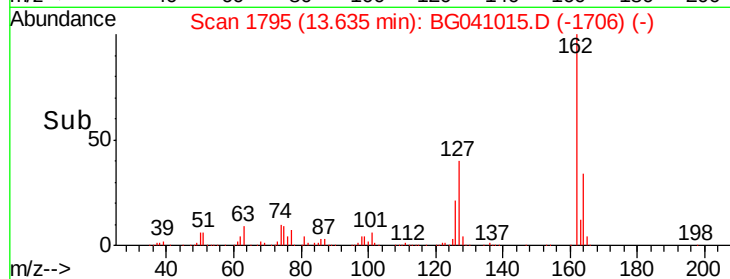
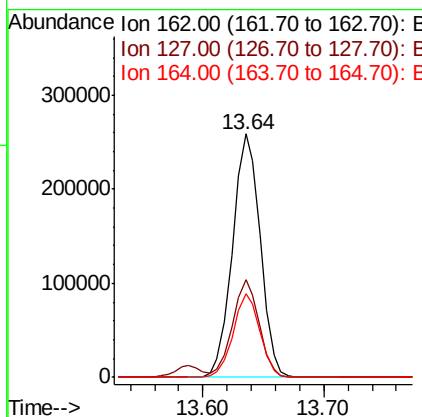
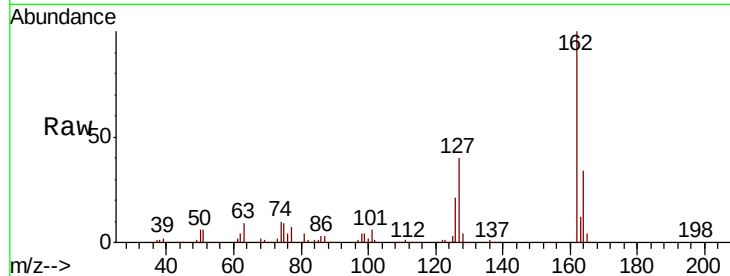




#47  
 2-Chloronaphthalene  
 Concen: 35.931 ng  
 RT: 13.64 min Scan# 1795  
 Delta R.T. -0.01 min  
 Lab File: BG041015.D  
 Acq: 1 Jun 2019 16:48

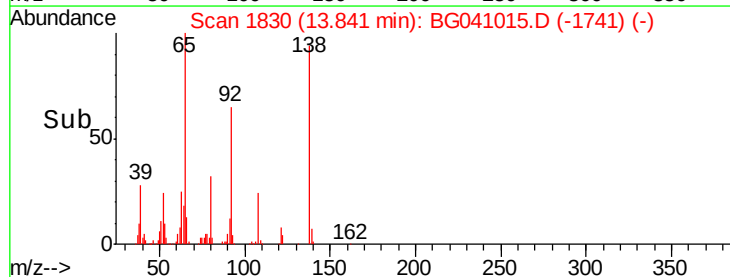
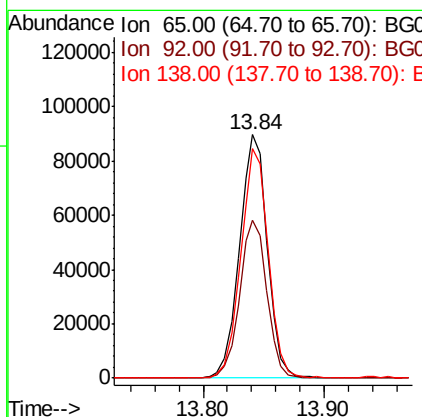
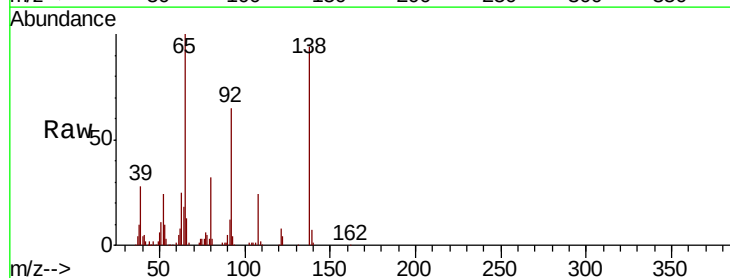
Instrument :  
 BNA\_G  
 ClientSampleId :

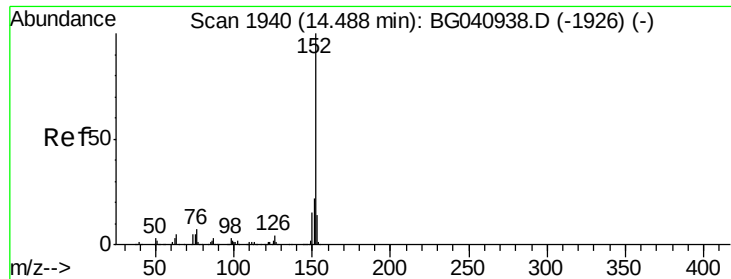
Tot Ion:162 Resp: 413012  
 Ion Ratio Lower Upper  
 162 100  
 127 40.0 30.5 45.7  
 164 34.4 25.8 38.6



#48  
 2-Nitroaniline  
 Concen: 34.848 ng  
 RT: 13.84 min Scan# 1830  
 Delta R.T. -0.01 min  
 Lab File: BG041015.D  
 Acq: 1 Jun 2019 16:48

Tgt Ion: 65 Resp: 143701  
 Ion Ratio Lower Upper  
 65 100  
 92 64.6 51.0 76.6  
 138 94.2 71.2 106.8





#49

Acenaphthylene

Concen: 36.549 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampled :

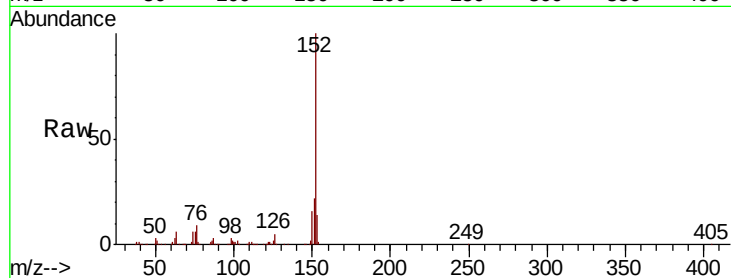
Tot Ion:152 Resp: 632294

Ion Ratio Lower Upper

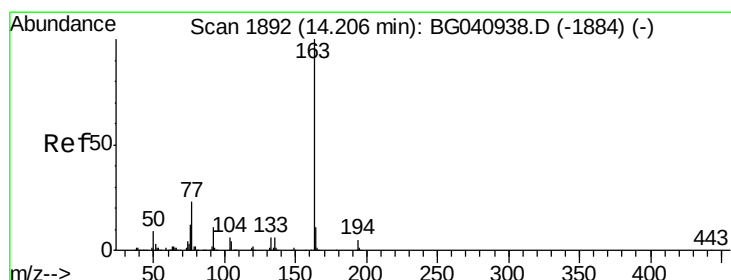
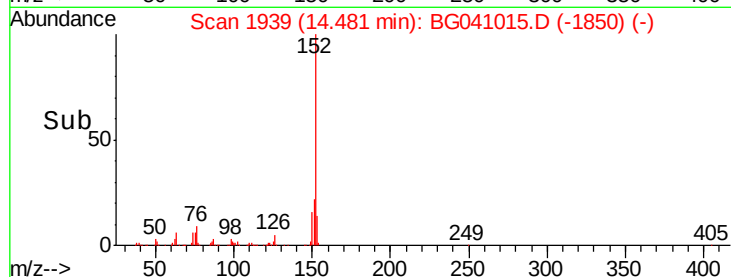
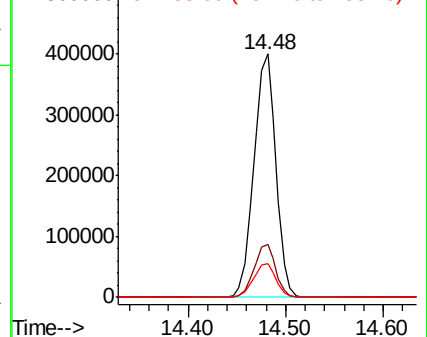
152 100

151 21.6 17.4 26.0

153 14.0 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: 45.069 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

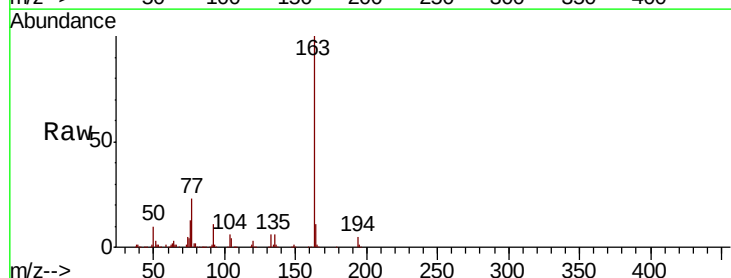
Tgt Ion:163 Resp: 690085

Ion Ratio Lower Upper

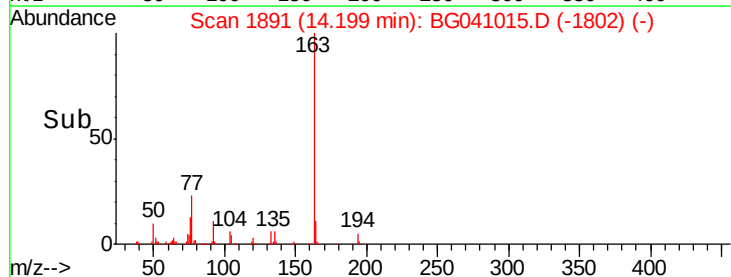
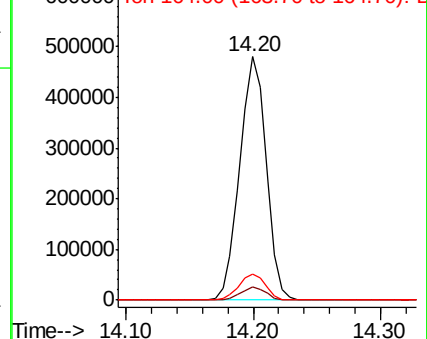
163 100

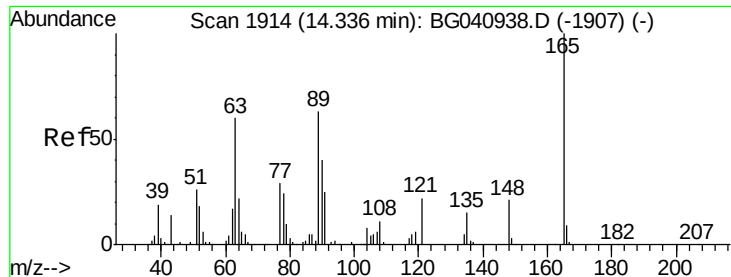
194 5.2 3.8 5.8

164 10.7 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: 36.287 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampleId :

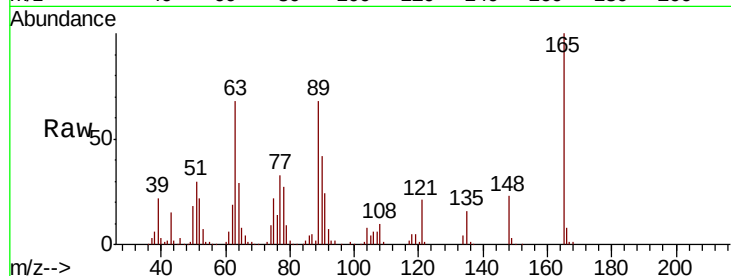
Tot Ion:165 Resp: 119796

Ion Ratio Lower Upper

165 100

63 67.8 53.6 80.4

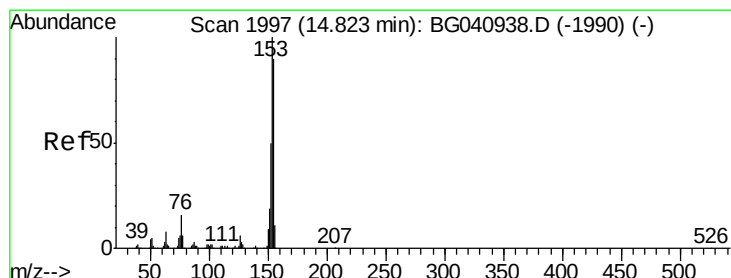
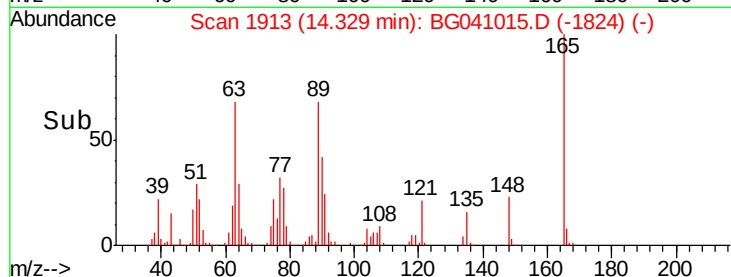
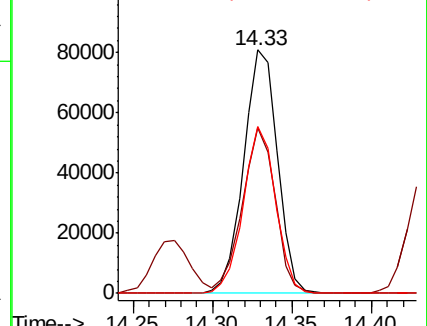
89 68.4 50.4 75.6



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: 35.521 ng

RT: 14.82 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

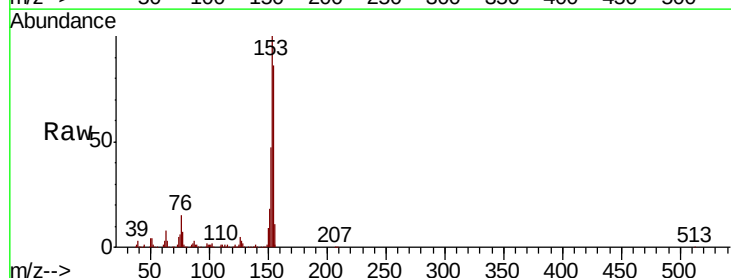
Tgt Ion:154 Resp: 372268

Ion Ratio Lower Upper

154 100

153 117.0 88.6 133.0

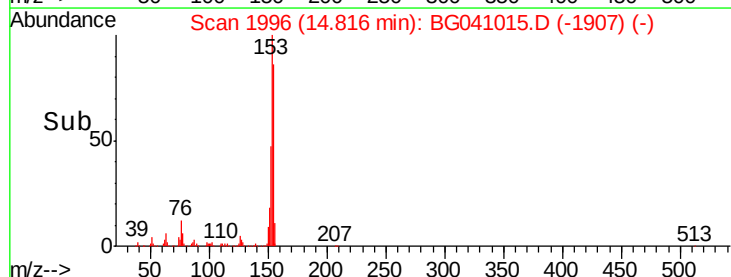
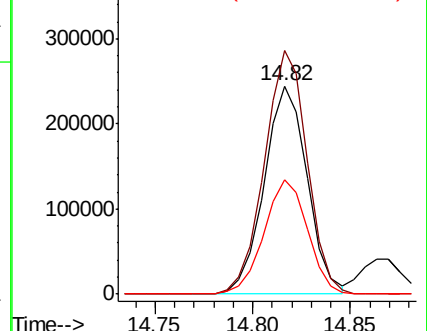
152 54.7 44.2 66.4

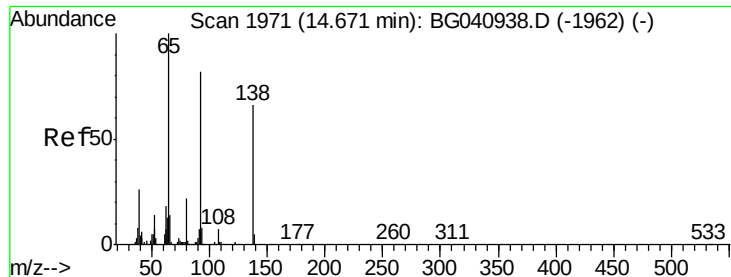


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

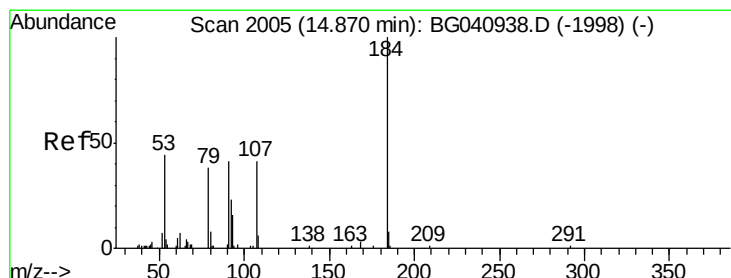
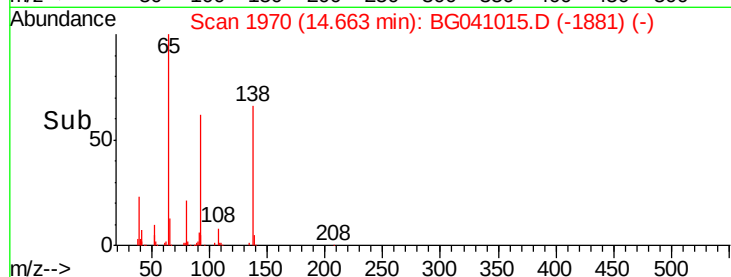
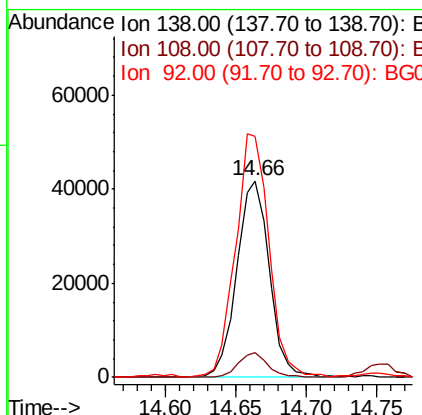
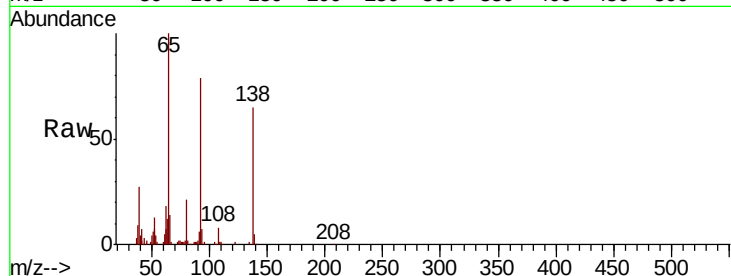




#53  
3-Nitroaniline  
Concen: 20.411 ng  
RT: 14.66 min Scan# 1970  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

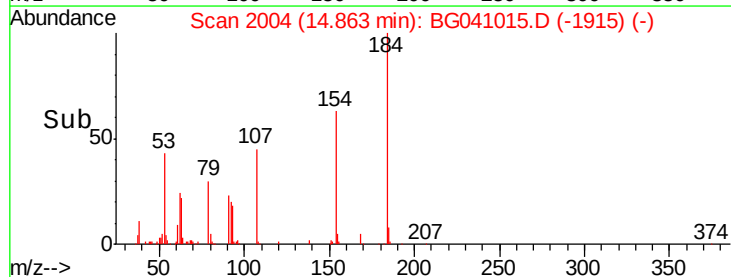
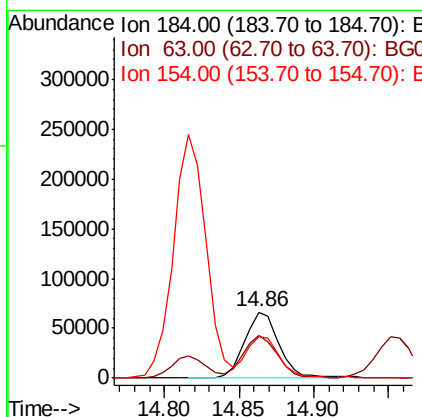
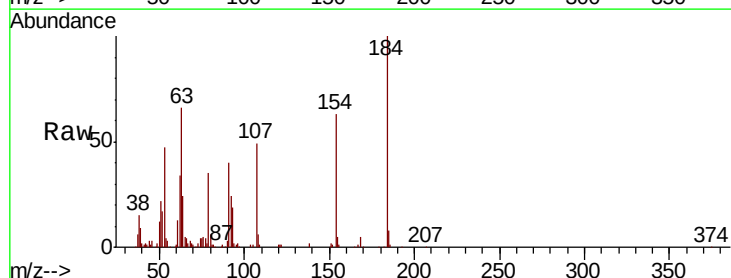
Instrument :  
BNA\_G  
ClientSampleId :

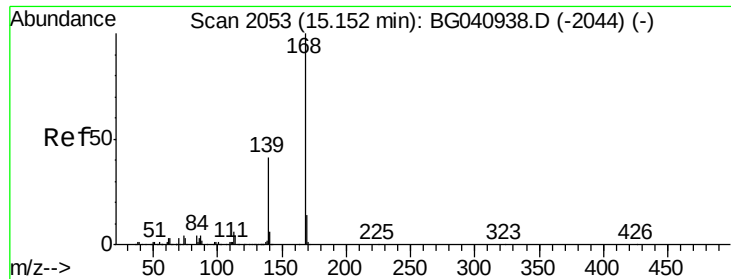
Tot Ion:138 Resp: 67382  
Ion Ratio Lower Upper  
138 100  
108 12.7 8.5 12.7  
92 122.6 99.0 148.6



#54  
2,4-Dinitrophenol  
Concen: 66.024 ng  
RT: 14.86 min Scan# 2004  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

Tgt Ion:184 Resp: 104465  
Ion Ratio Lower Upper  
184 100  
63 65.7 49.8 74.6  
154 62.9 52.2 78.4





#55

Dibenzofuran

Concen: 36.419 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

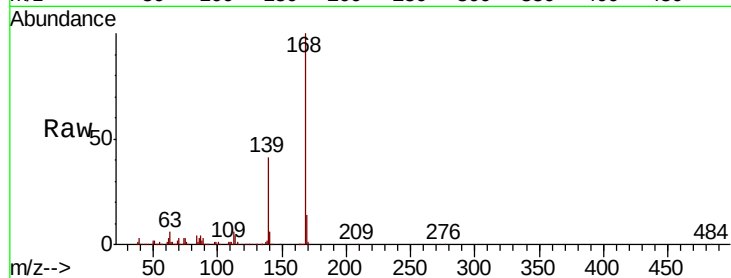
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:168 Resp: 642237

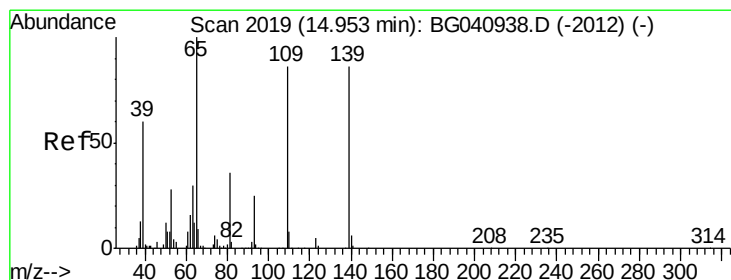
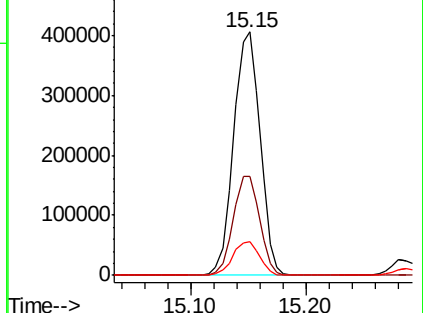
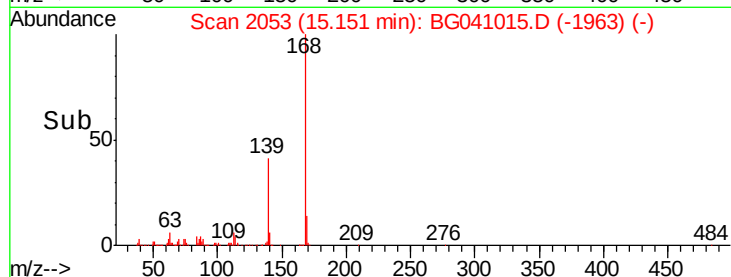
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 40.9  | 32.8  | 49.2  |
| 169 | 13.8  | 11.3  | 16.9  |



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: 78.192 ng

RT: 14.96 min Scan# 2020

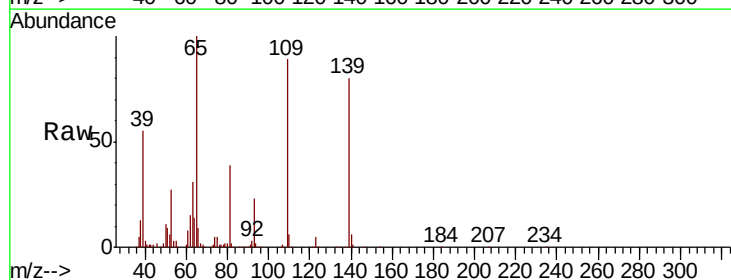
Delta R.T. 0.00 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Tgt Ion:139 Resp: 177055

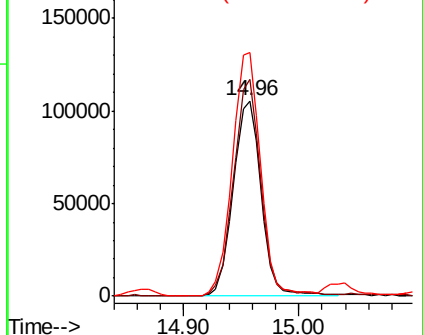
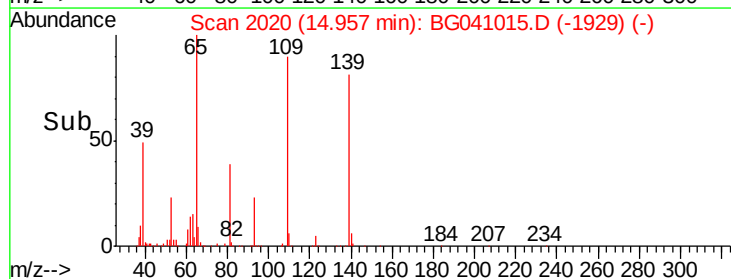
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 139 | 100   |       |       |
| 109 | 111.1 | 79.6  | 119.6 |
| 65  | 124.6 | 96.9  | 136.9 |



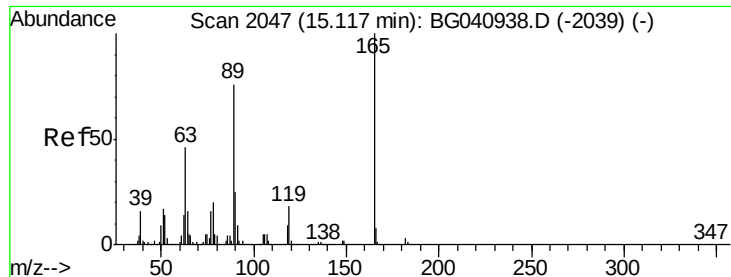
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG



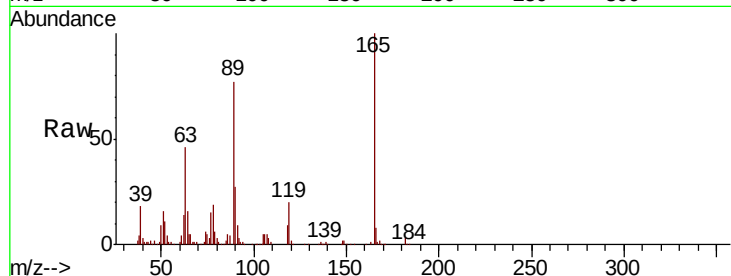




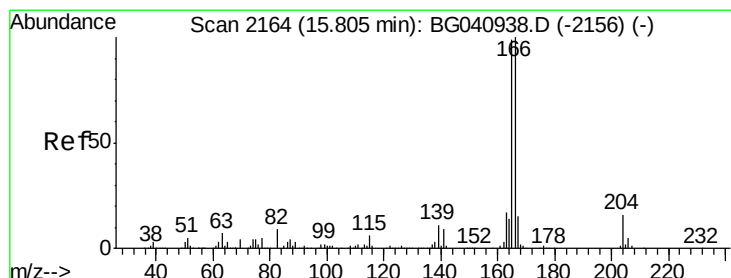
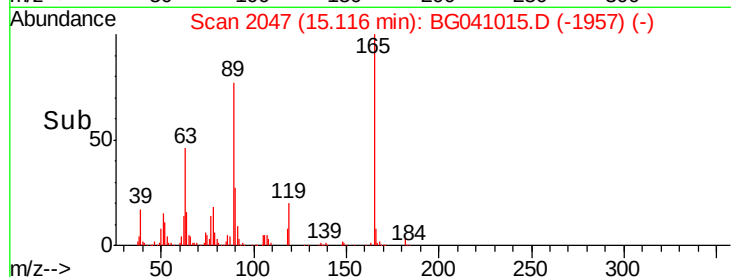
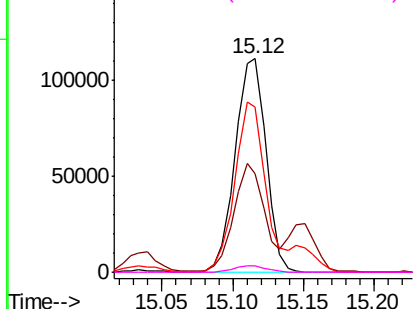
#57  
2,4-Dinitrotoluene  
Concen: 36.386 ng  
RT: 15.12 min Scan# 2047  
Delta R.T. -0.00 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:165 Resp: 169684  
Ion Ratio Lower Upper  
165 100  
63 46.1 37.3 55.9  
89 77.5 61.0 91.6  
182 3.0 2.2 3.2

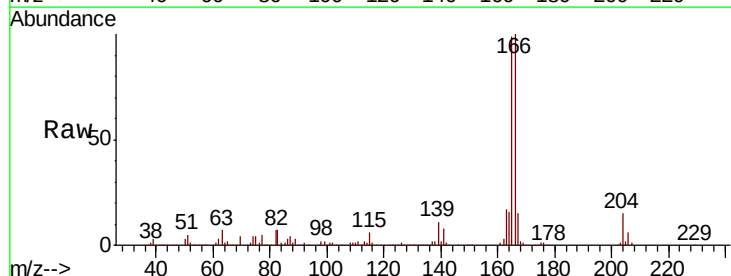


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 89.00 (88.70 to 89.70): BG  
Ion 182.00 (181.70 to 182.70): E

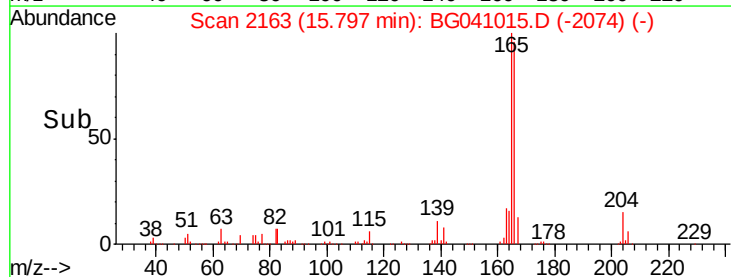
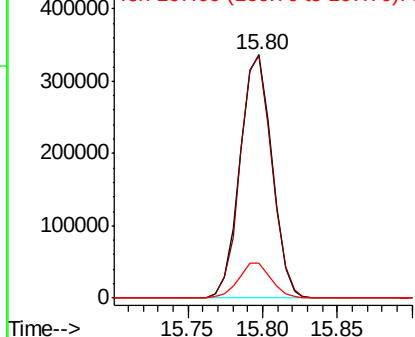


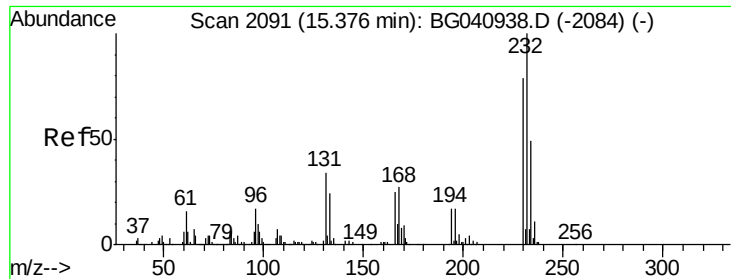
#58  
Fluorene  
Concen: 35.594 ng  
RT: 15.80 min Scan# 2163  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

Tgt Ion:166 Resp: 499876  
Ion Ratio Lower Upper  
166 100  
165 99.4 79.2 118.8  
167 14.6 11.8 17.6



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E

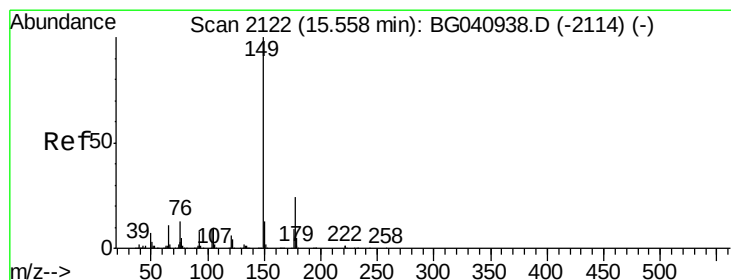
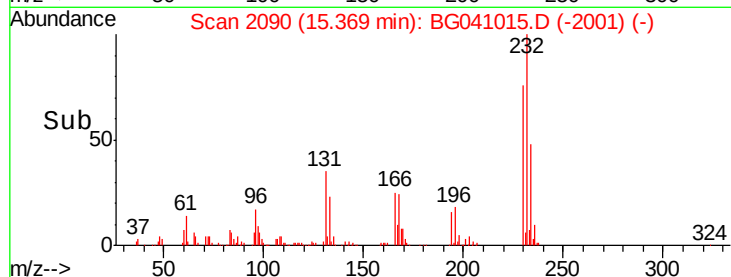
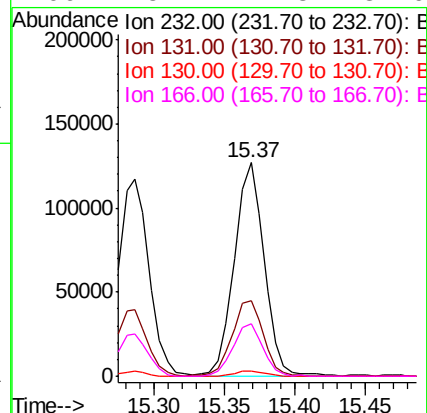
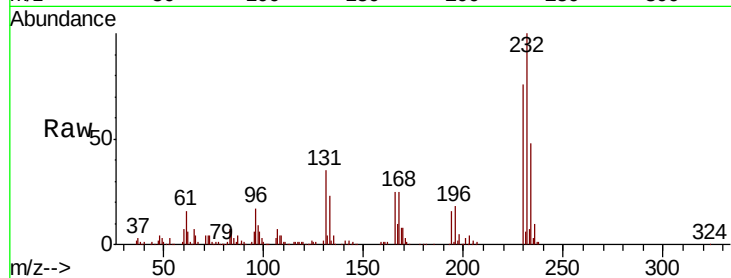




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 38.116 ng  
RT: 15.37 min Scan# 2090  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

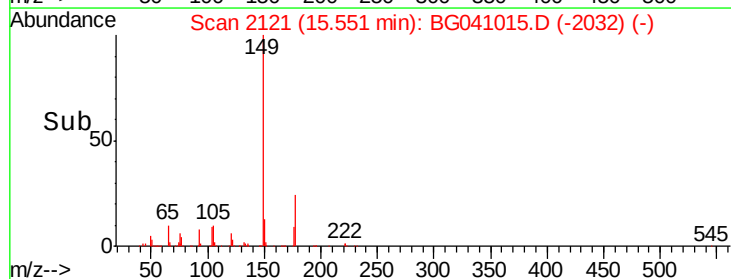
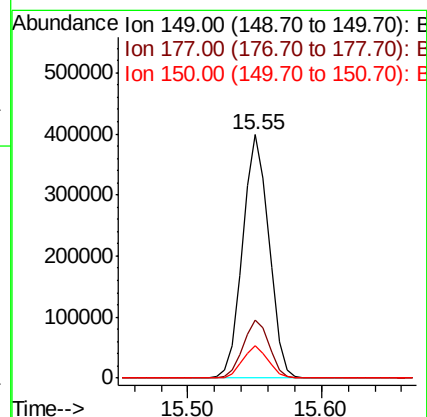
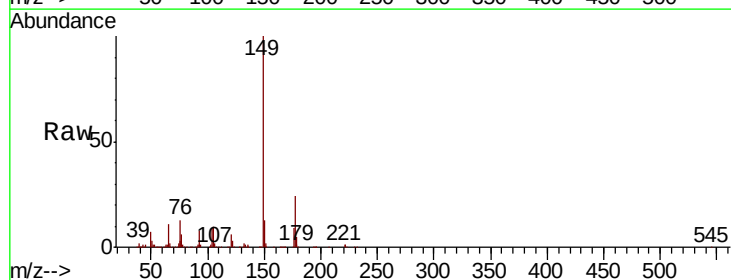
Instrument :  
BNA\_G  
ClientSampleId :

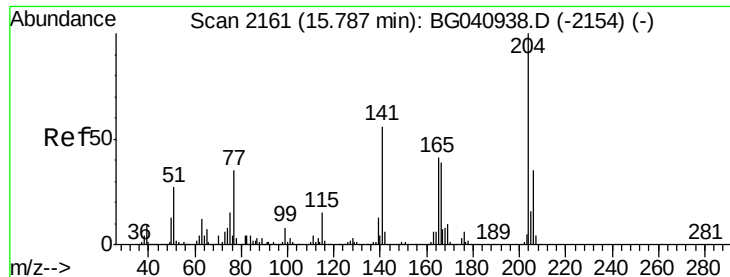
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 36.8  | 30.3  | 45.5  |
| 130     | 2.4   | 1.8   | 2.8   |
| 166     | 25.1  | 21.3  | 31.9  |



#60  
Diethylphthalate  
Concen: 34.683 ng  
RT: 15.55 min Scan# 2121  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 23.8  | 19.4  | 29.0  |
| 150     | 13.1  | 10.3  | 15.5  |

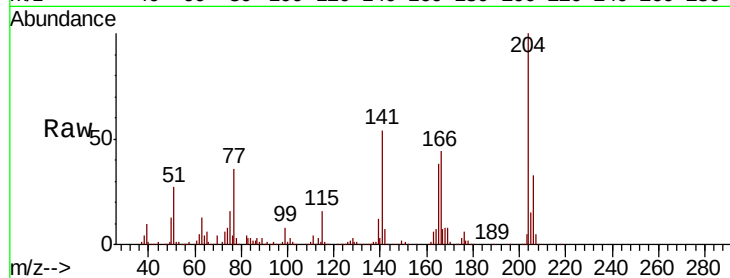




#61  
4-Chlorophenyl-phenylether  
Concen: 35.220 ng  
RT: 15.78 min Scan# 2160  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.2  | 27.6  | 41.4  |
| 141     | 54.1  | 45.1  | 67.7  |

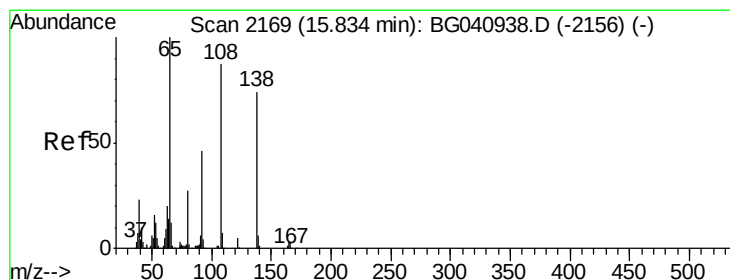
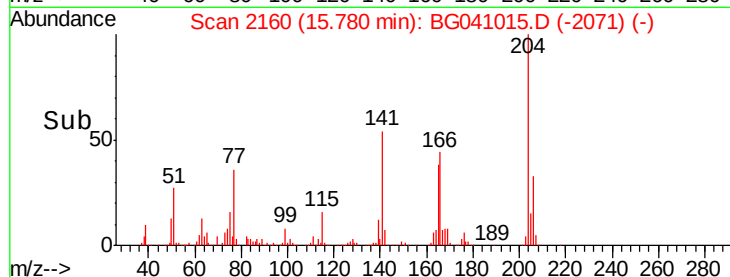
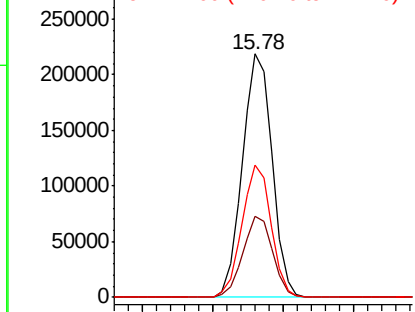


Abundance

Ion 204.00 (203.70 to 204.70): E

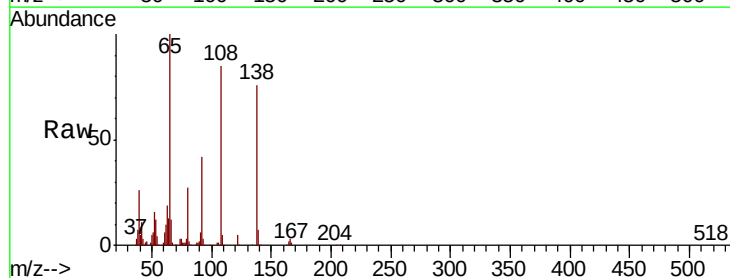
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62  
4-Nitroaniline  
Concen: 32.347 ng  
RT: 15.83 min Scan# 2168  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 55.4  | 42.4  | 82.4  |
| 108     | 112.0 | 96.9  | 136.9 |

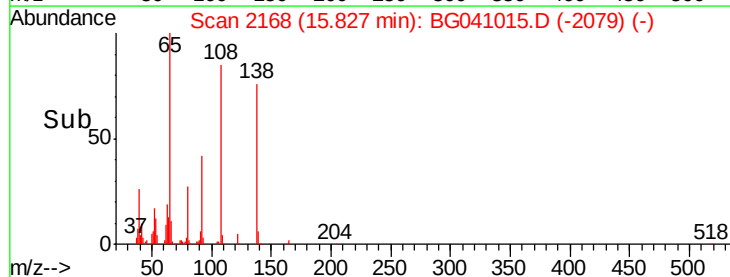
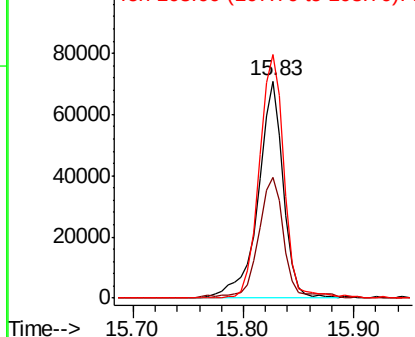


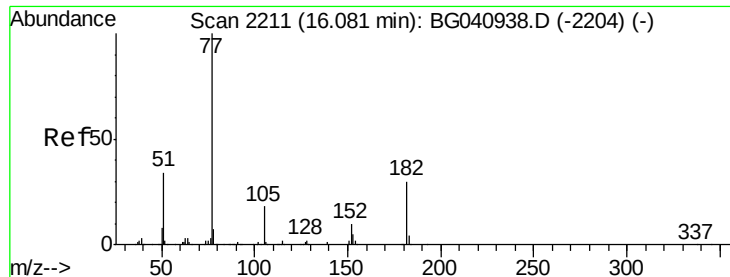
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 35.806 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampled :

Tot Ion: 77 Resp: 508532

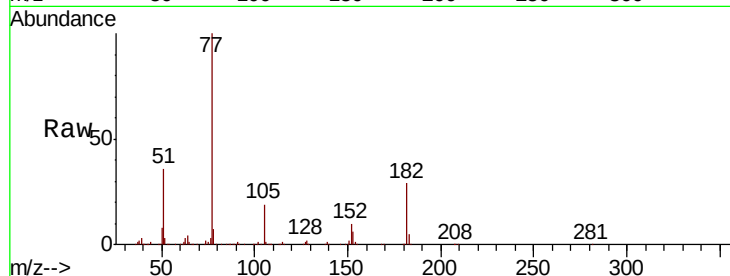
Ion Ratio Lower Upper

77 100

182 28.9 9.6 49.6

105 18.8 0.0 37.5

51 35.8 13.7 53.7

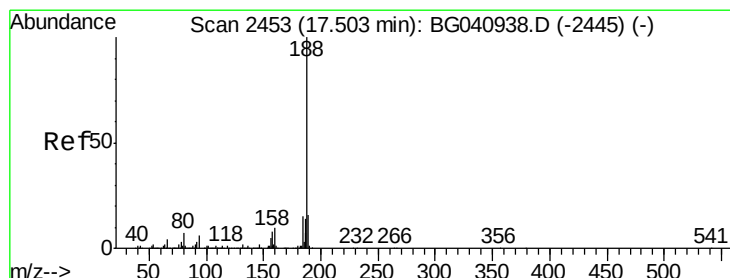
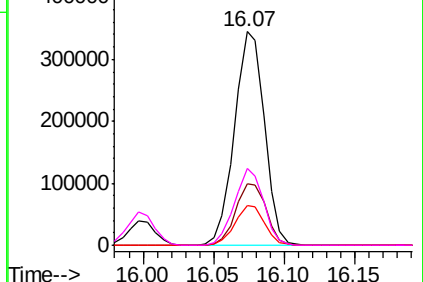
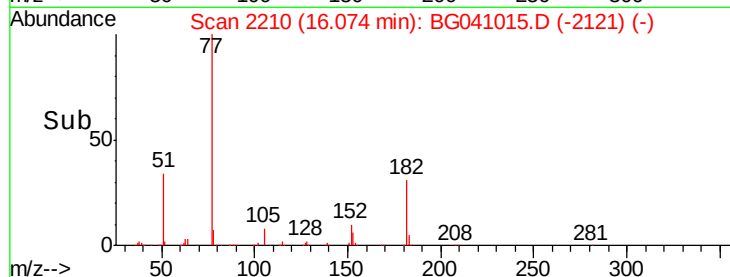


Abundance Ion 77.00 (76.70 to 77.70): BG041015.D (-2211) (-)

Ion 182.00 (181.70 to 182.70): BG041015.D (-2211) (-)

Ion 105.00 (104.70 to 105.70): BG041015.D (-2211) (-)

Ion 51.00 (50.70 to 51.70): BG041015.D (-2211) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

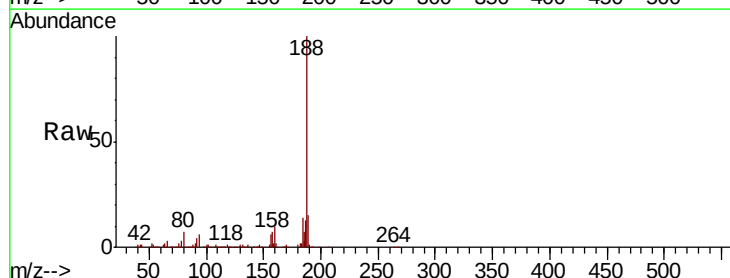
Tgt Ion: 188 Resp: 440539

Ion Ratio Lower Upper

188 100

94 6.1 4.7 7.1

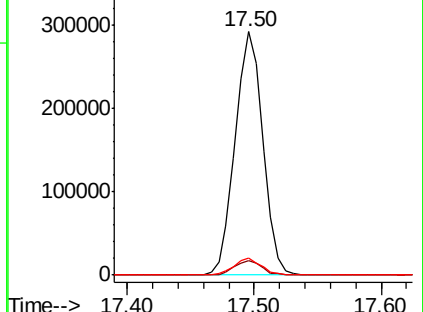
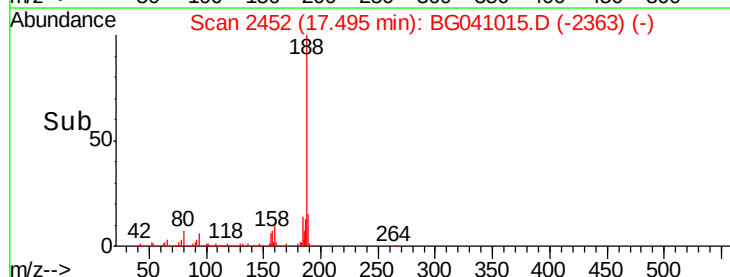
80 7.1 5.8 8.8

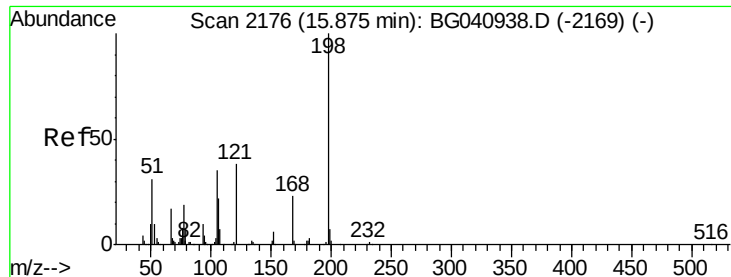


Abundance Ion 188.00 (187.70 to 188.70): BG041015.D (-2363) (-)

Ion 94.00 (93.70 to 94.70): BG041015.D (-2363) (-)

Ion 80.00 (79.70 to 80.70): BG041015.D (-2363) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 40.007 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

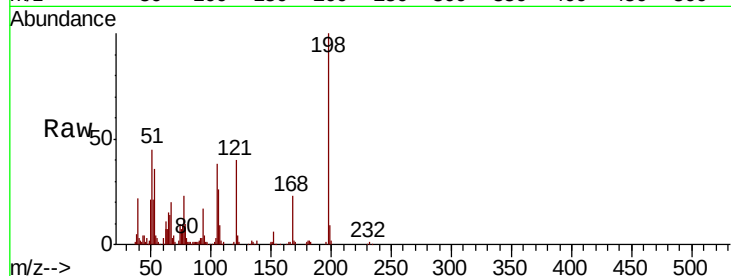
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:198 Resp: 90332

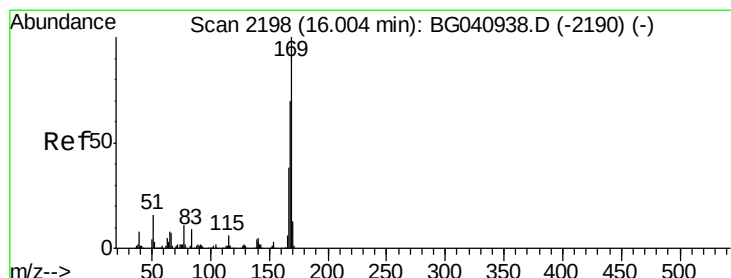
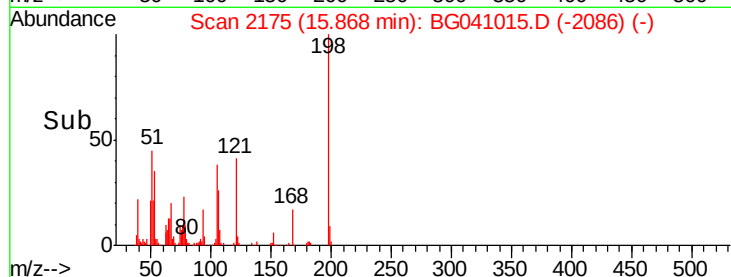
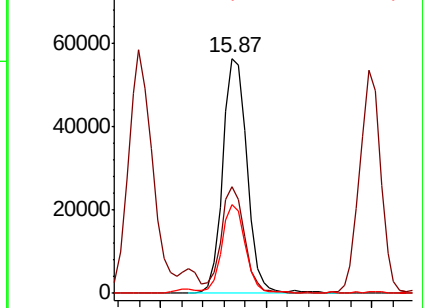
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 45.2  | 21.6  | 61.6  |
| 105 | 37.8  | 17.5  | 57.5  |



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: 36.912 ng

RT: 16.00 min Scan# 2198

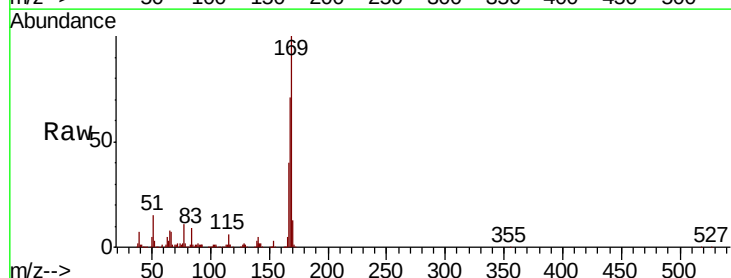
Delta R.T. -0.00 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Tgt Ion:169 Resp: 457126

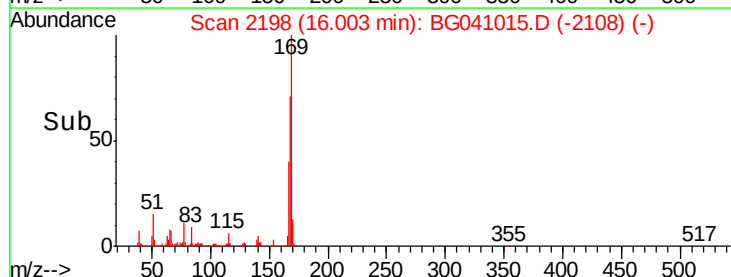
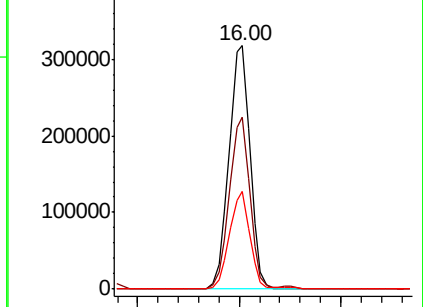
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 70.8  | 55.7  | 83.5  |
| 167 | 40.3  | 30.2  | 45.2  |

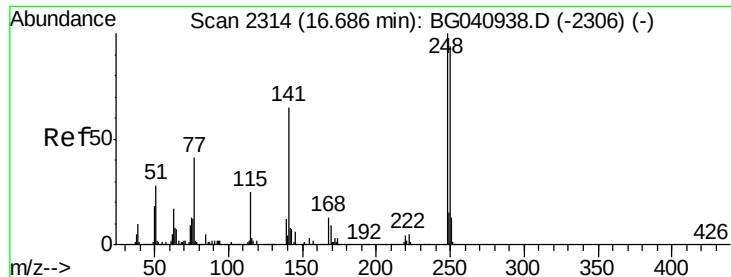


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

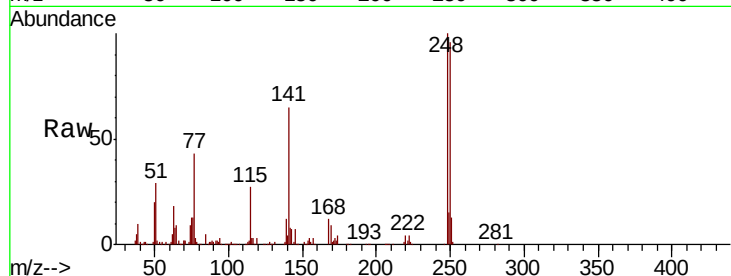




#67  
4-Bromophenyl-phenylether  
Concen: 34.683 ng  
RT: 16.68 min Scan# 2313  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.1  | 75.0  | 112.4 |
| 141     | 64.6  | 52.4  | 78.6  |

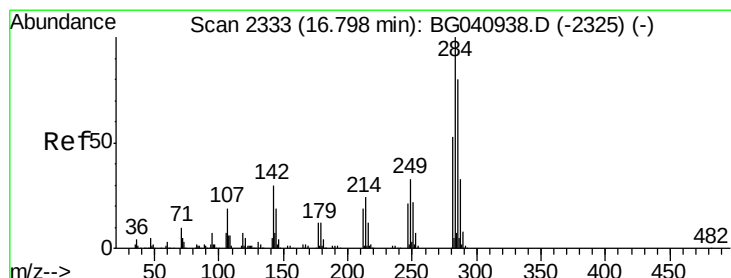
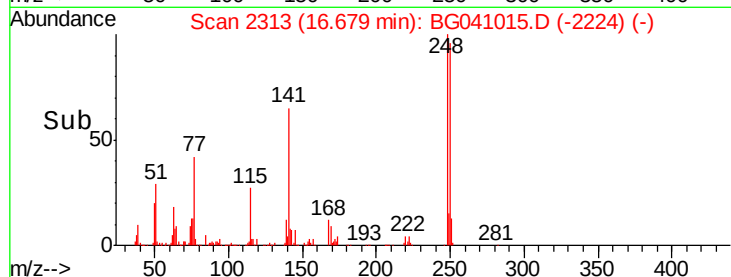
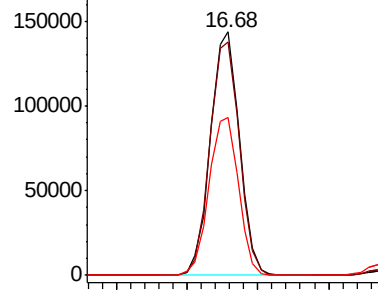


Abundance

Ion 248.00 (247.70 to 248.70): E

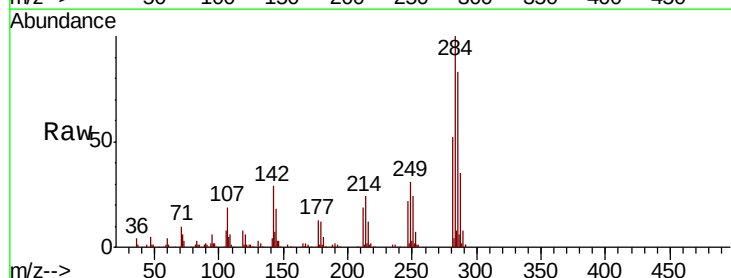
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
Hexachlorobenzene  
Concen: 33.339 ng  
RT: 16.79 min Scan# 2332  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 29.4  | 23.9  | 35.9  |
| 249     | 31.3  | 26.8  | 40.2  |

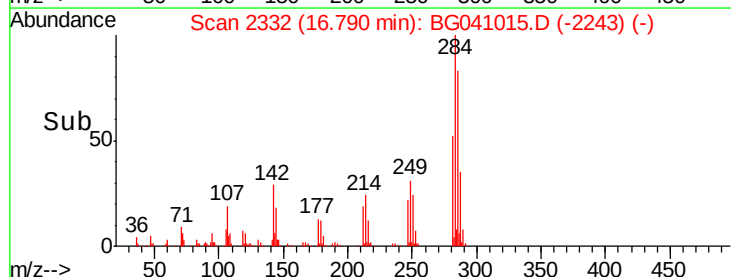
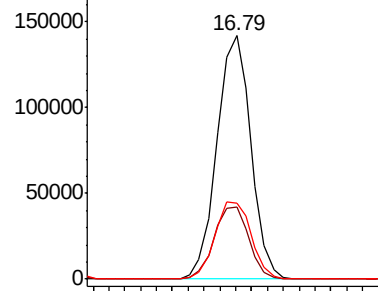


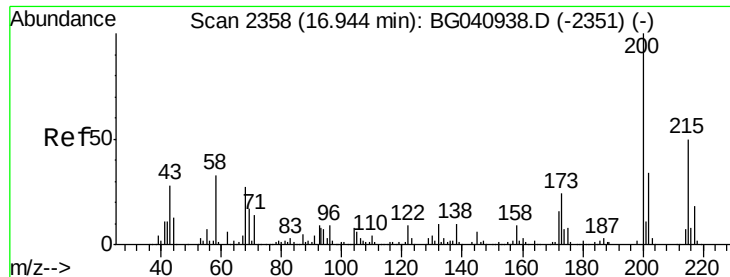
Abundance

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

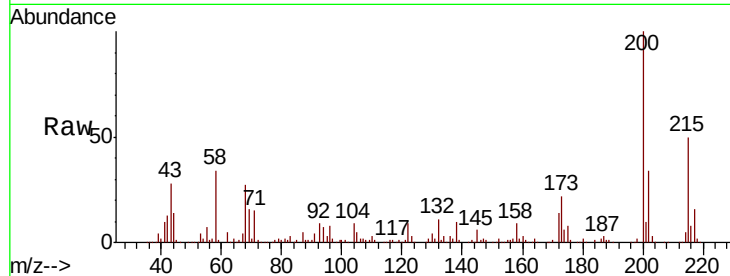




#69  
Atrazine  
Concen: 40.214 ng  
RT: 16.94 min Scan# 2357  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 21.6  | 3.6   | 43.6  |
| 215     | 50.2  | 29.6  | 69.6  |

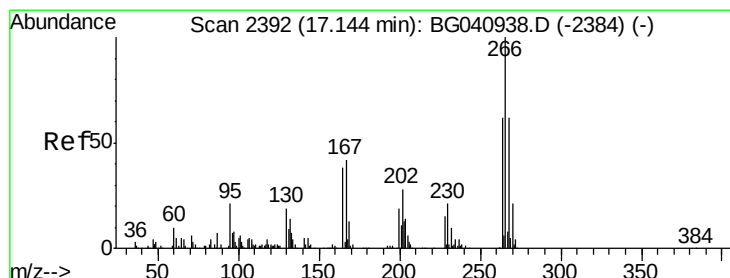
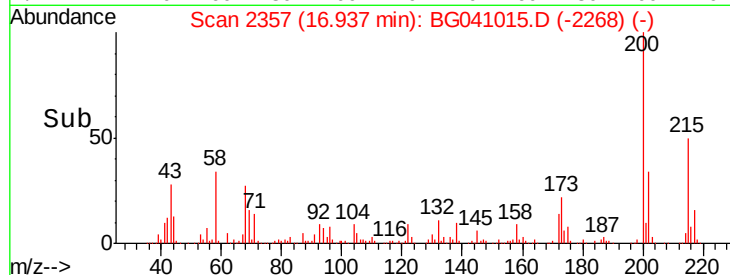
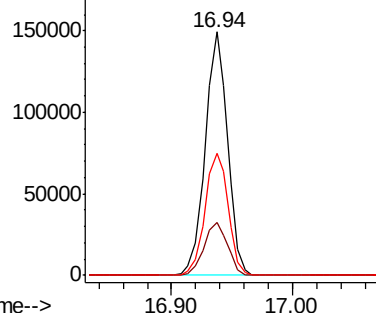


Abundance

Ion 200.00 (199.70 to 200.70): E

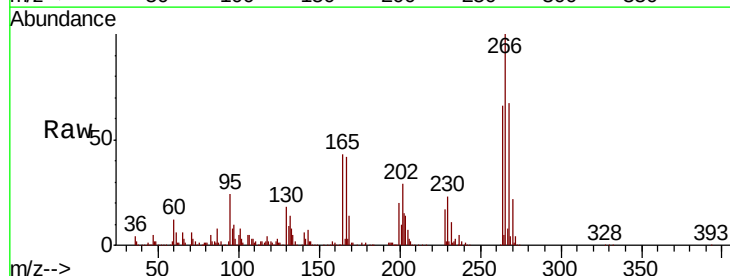
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70  
Pentachlorophenol  
Concen: 73.189 ng  
RT: 17.14 min Scan# 2391  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 66.6  | 53.1  | 79.7  |
| 264     | 65.6  | 49.9  | 74.9  |

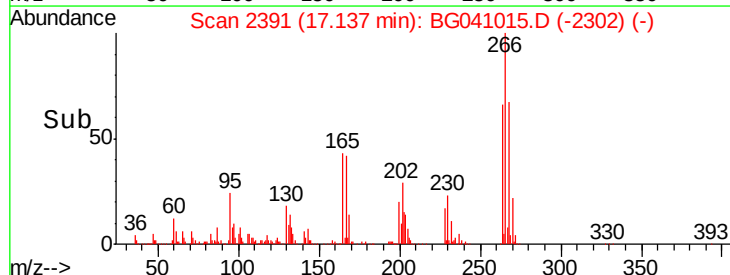
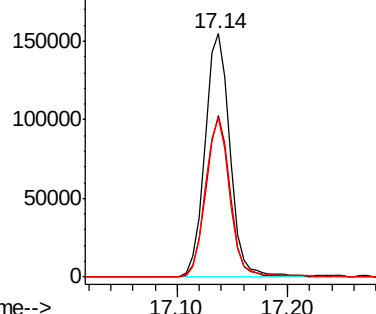


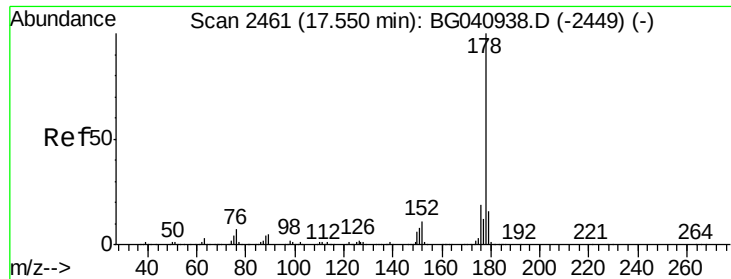
Abundance

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

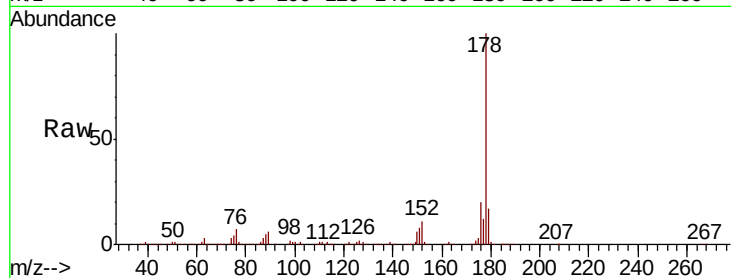




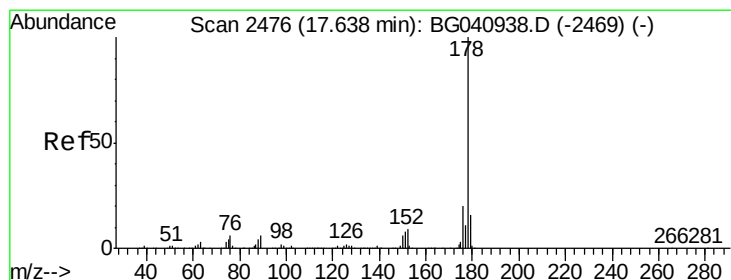
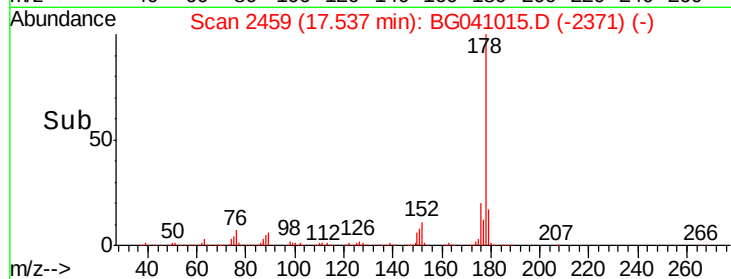
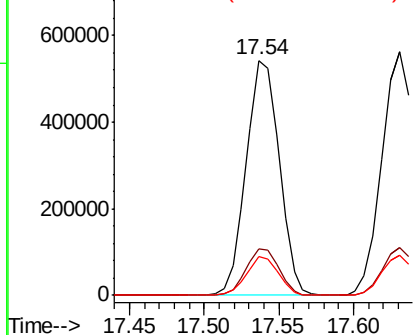
#71  
Phenanthrene  
Concen: 36.240 ng  
RT: 17.54 min Scan# 2459  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:178 Resp: 831590  
Ion Ratio Lower Upper  
178 100  
176 19.7 15.5 23.3  
179 16.8 12.7 19.1

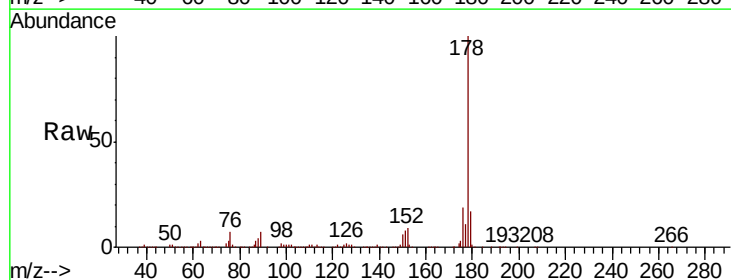


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

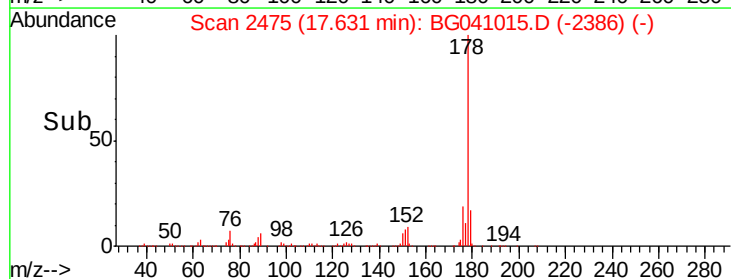
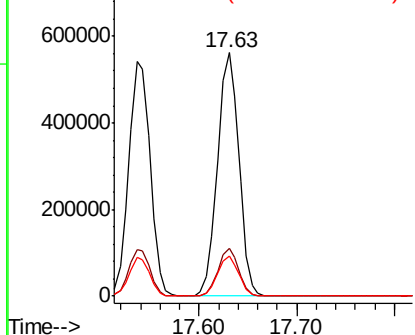


#72  
Anthracene  
Concen: 37.807 ng  
RT: 17.63 min Scan# 2475  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

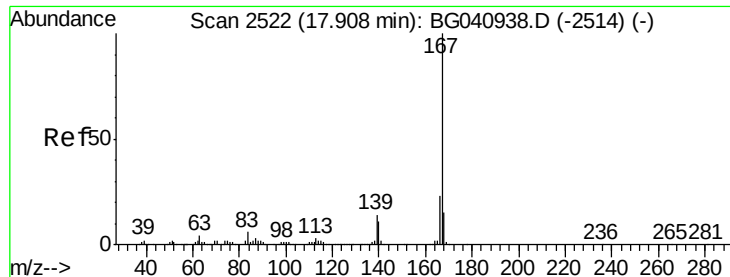
Tgt Ion:178 Resp: 855656  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.6 23.4  
179 16.7 13.0 19.4



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



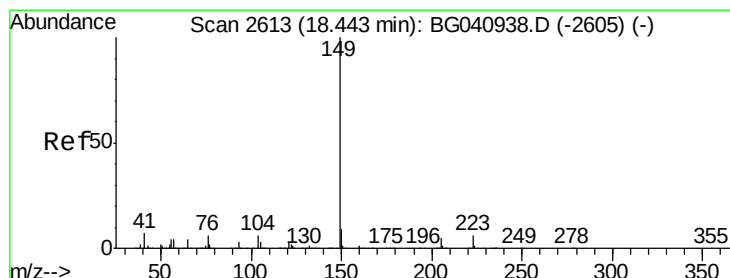
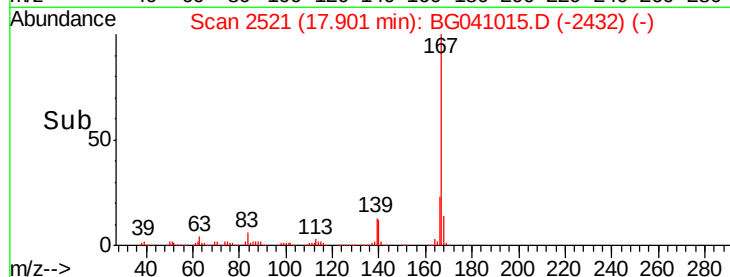
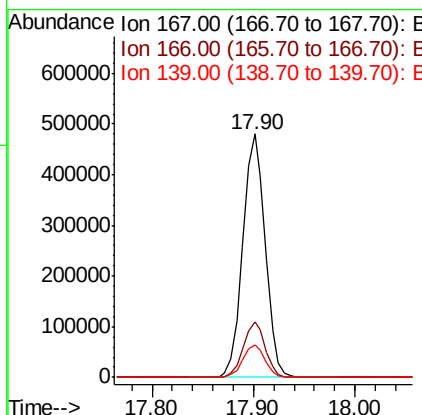
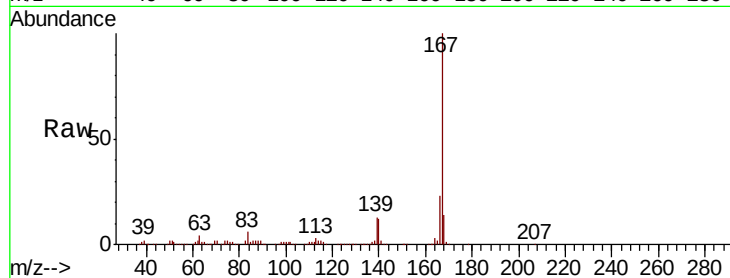




#73  
 Carbazole  
 Concen: 37.724 ng  
 RT: 17.90 min Scan# 2521  
 Delta R.T. -0.01 min  
 Lab File: BG041015.D  
 Acq: 1 Jun 2019 16:48

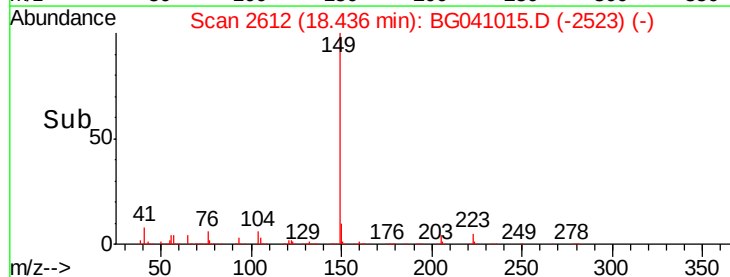
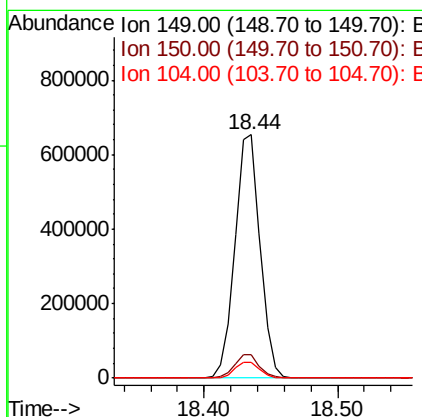
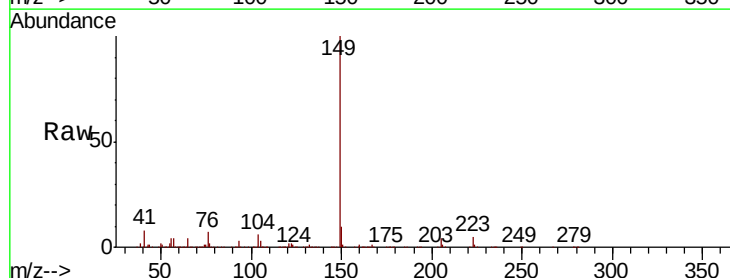
Instrument :  
 BNA\_G  
 ClientSampleId :

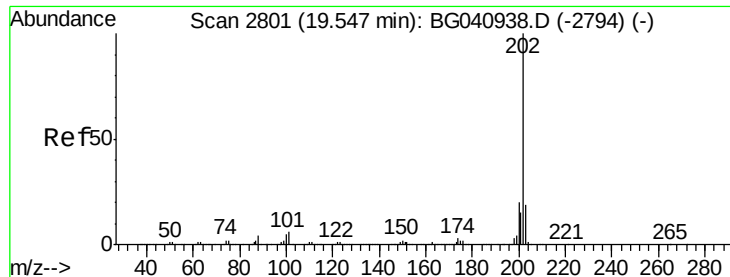
Tot Ion:167 Resp: 732574  
 Ion Ratio Lower Upper  
 167 100  
 166 22.6 18.2 27.4  
 139 13.2 10.8 16.2



#74  
 Di-n-butylphthalate  
 Concen: 35.466 ng  
 RT: 18.44 min Scan# 2612  
 Delta R.T. -0.01 min  
 Lab File: BG041015.D  
 Acq: 1 Jun 2019 16:48

Tgt Ion:149 Resp: 855996  
 Ion Ratio Lower Upper  
 149 100  
 150 9.7 7.4 11.2  
 104 6.5 5.0 7.4





#75

Fluoranthene

Concen: 36.881 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampled :

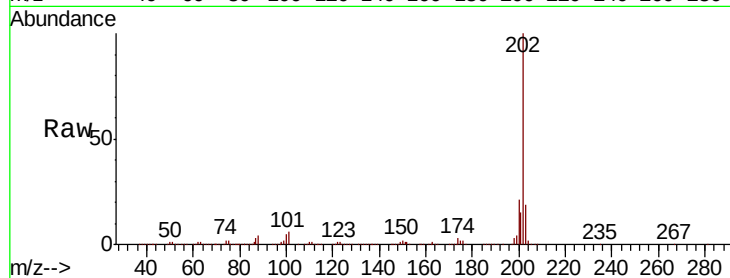
Tot Ion:202 Resp: 1045321

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.2

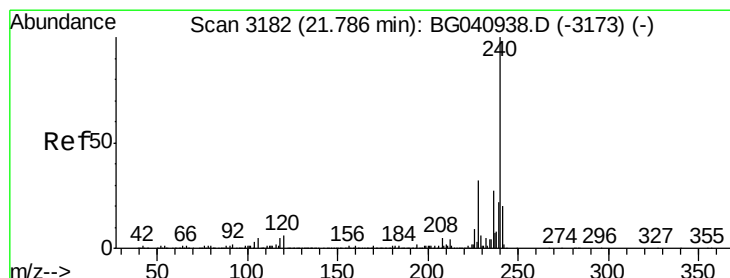
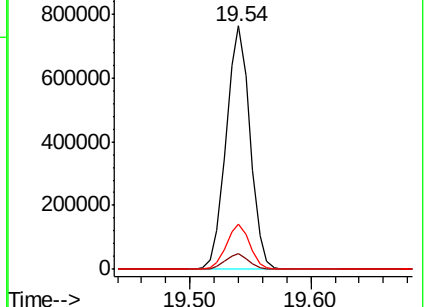
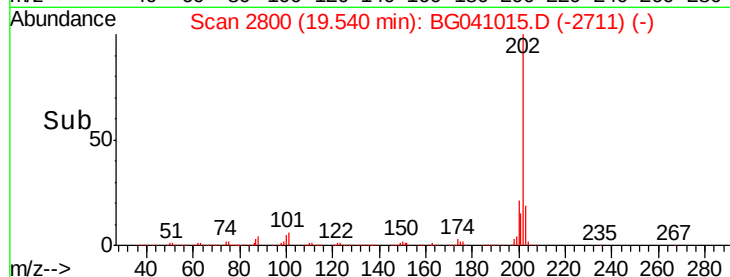
203 18.5 0.0 38.7



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: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

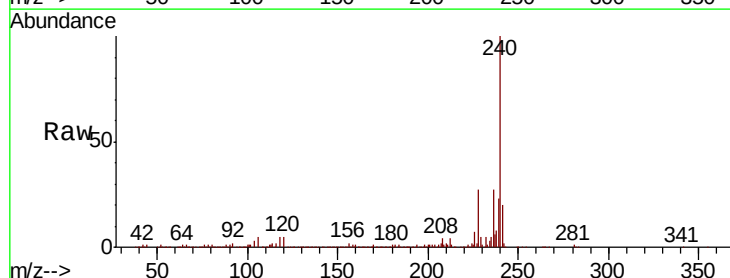
Tgt Ion:240 Resp: 422810

Ion Ratio Lower Upper

240 100

120 4.8 4.5 6.7

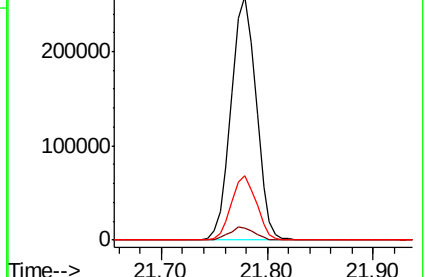
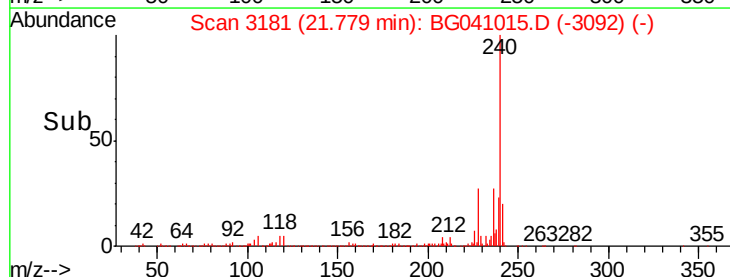
236 26.6 21.3 31.9

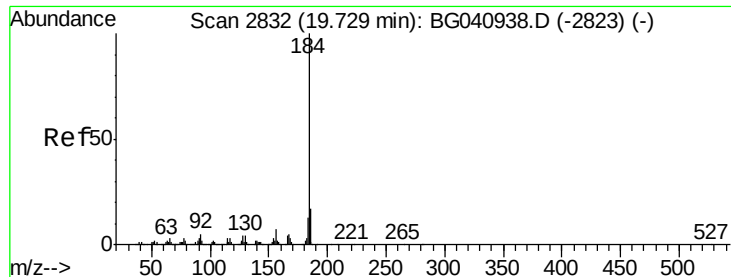


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.035 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampleId :

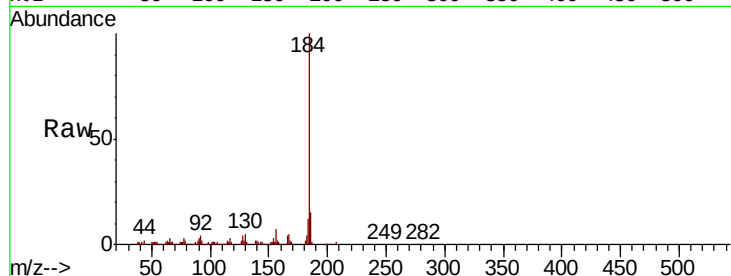
Tot Ion:184 Resp: 202082

Ion Ratio Lower Upper

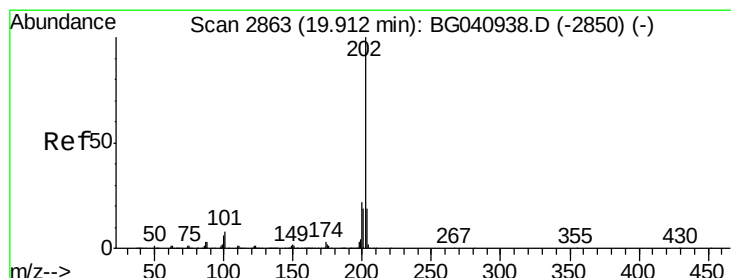
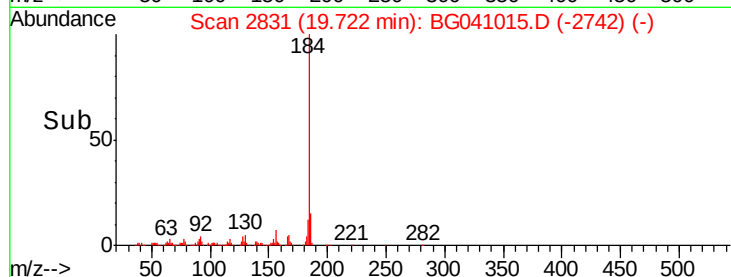
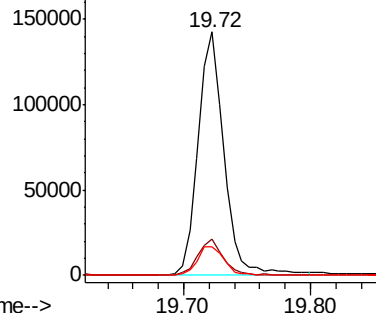
184 100

185 14.8 13.3 19.9

183 12.0 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



#78

Pyrene

Concen: 38.114 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

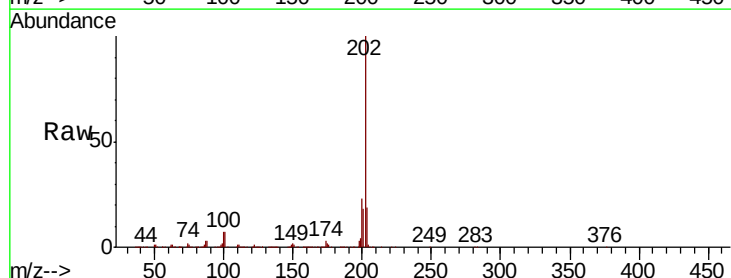
Tgt Ion:202 Resp: 1047584

Ion Ratio Lower Upper

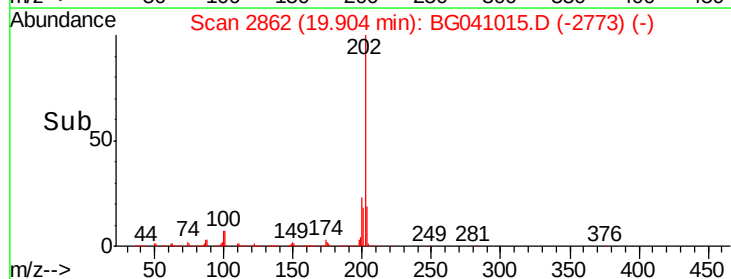
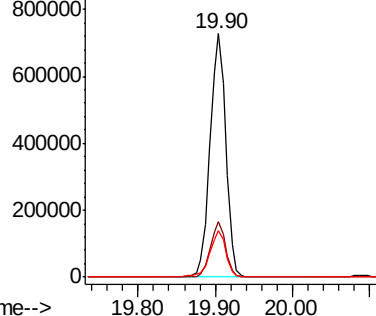
202 100

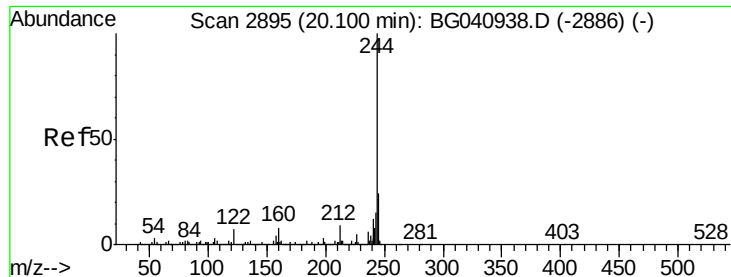
200 22.8 17.5 26.3

203 19.0 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





#79

Terphenyl-d14

Concen: 81.717 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

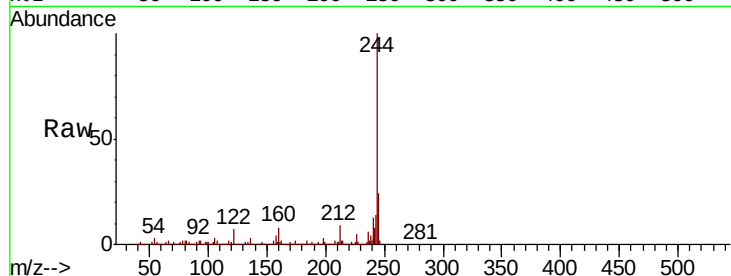
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:244 Resp: 1627951

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.4   | 7.0   | 10.4  |
| 122 | 7.3   | 5.4   | 8.0   |

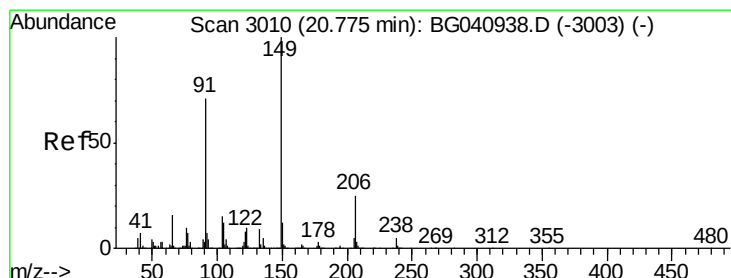
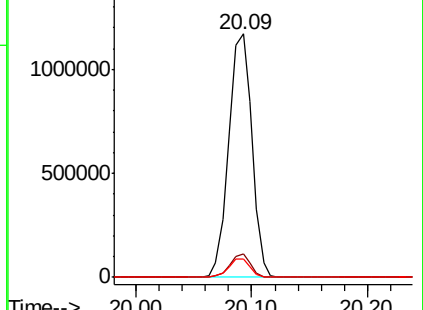
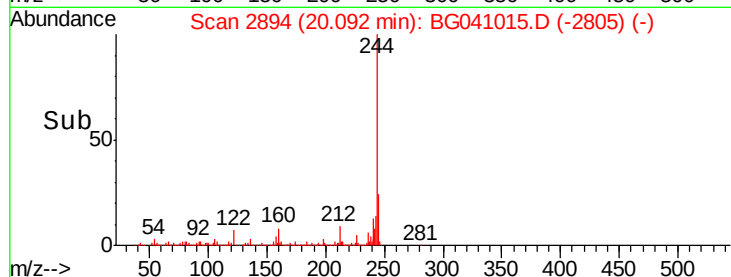


Abundance

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: 36.801 ng

RT: 20.77 min Scan# 3009

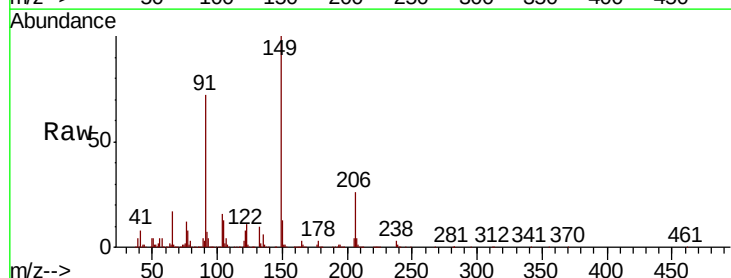
Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Tgt Ion:149 Resp: 393625

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 72.3  | 56.5  | 84.7  |
| 206 | 26.3  | 20.3  | 30.5  |

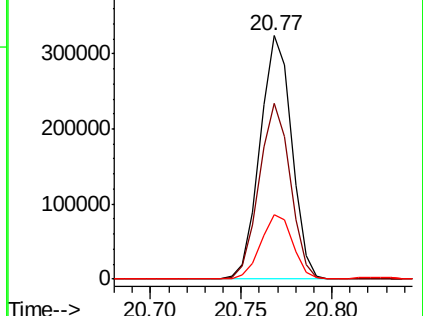
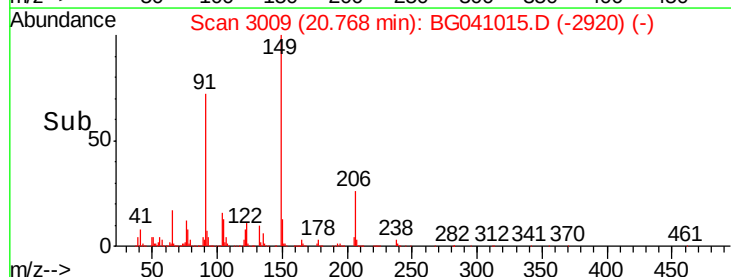


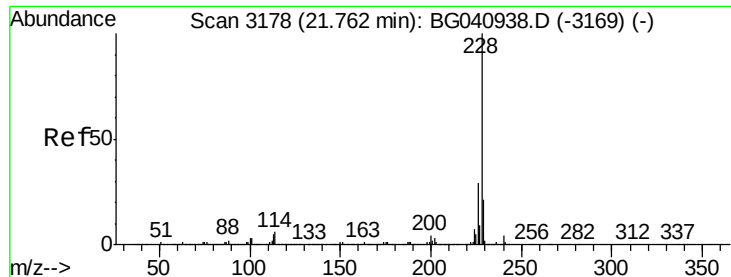
Abundance

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: 36.003 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

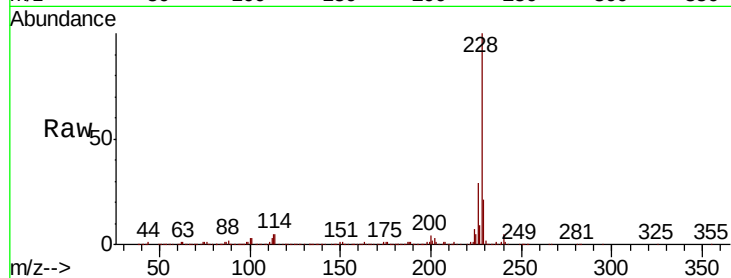
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 1013307

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.1  | 23.5  | 35.3  |
| 229 | 20.7  | 16.7  | 25.1  |

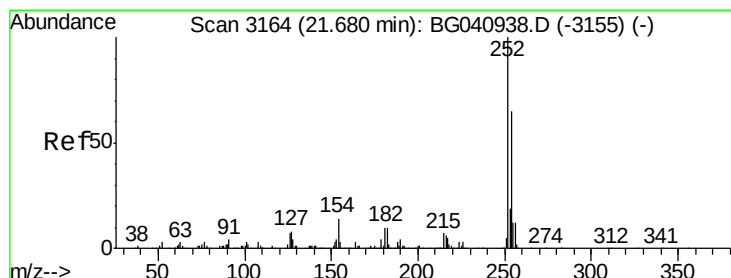
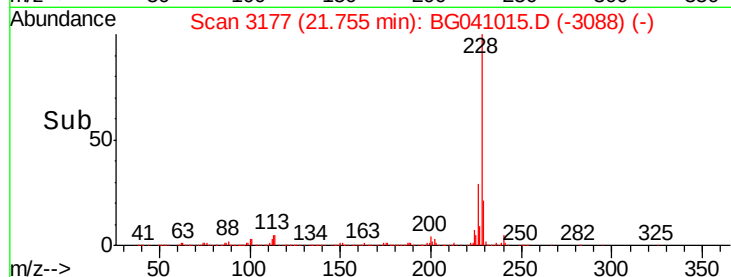
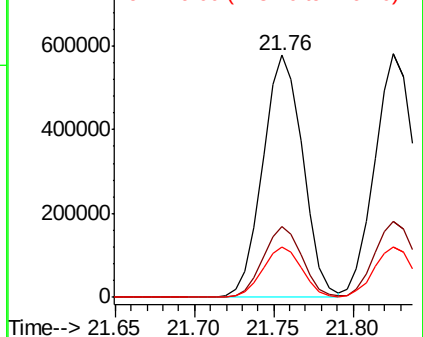


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.051 ng

RT: 21.67 min Scan# 3162

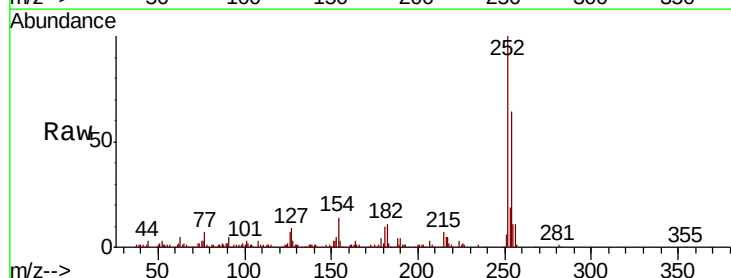
Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Tgt Ion:252 Resp: 188590

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.1  | 52.1  | 78.1  |
| 126 | 7.3   | 5.5   | 8.3   |

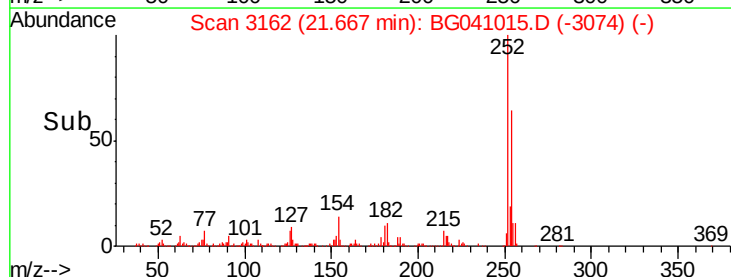
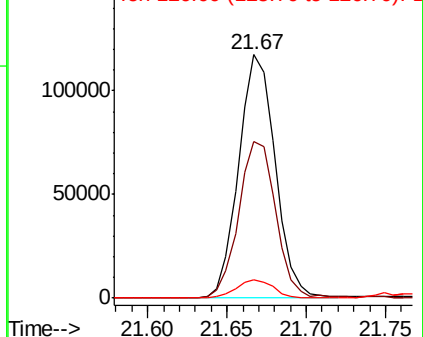


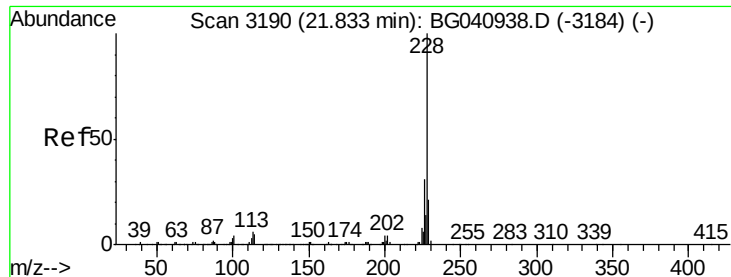
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.107 ng

RT: 21.83 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampleId :

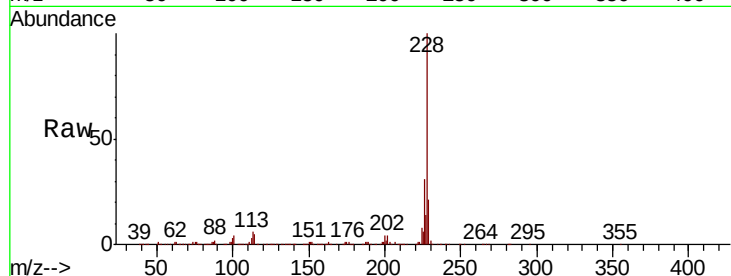
Tot Ion:228 Resp: 999433

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.1  | 24.6  | 37.0  |
| 229 | 20.9  | 16.6  | 24.8  |

228 100

226 31.1 24.6 37.0

229 20.9 16.6 24.8

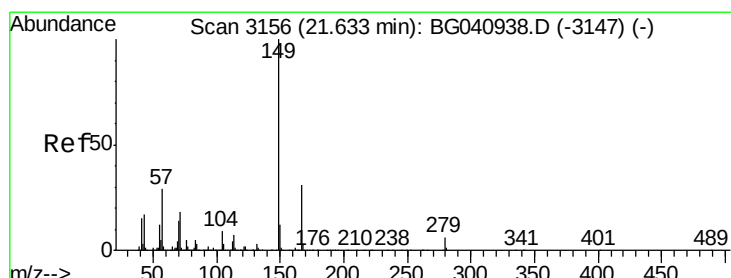
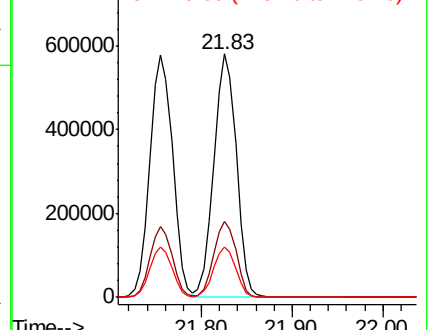
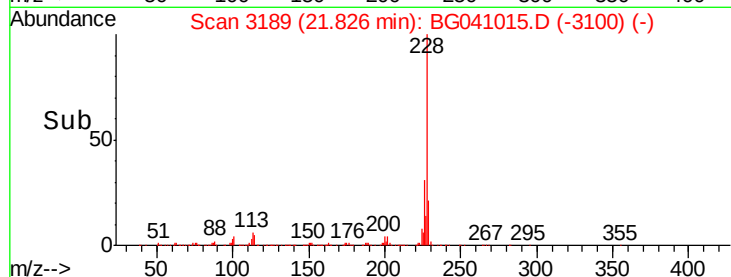


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.568 ng

RT: 21.63 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

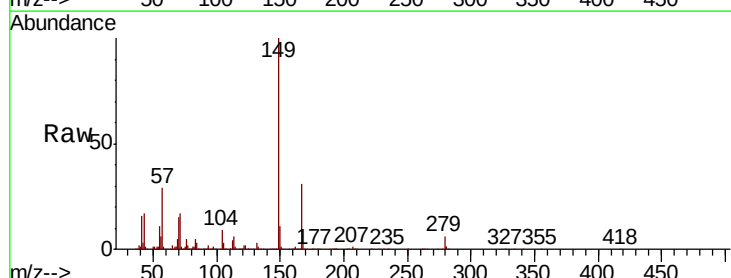
Tgt Ion:149 Resp: 535558

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 30.9  | 24.6  | 37.0  |
| 279 | 6.0   | 5.0   | 7.6   |

149 100

167 30.9 24.6 37.0

279 6.0 5.0 7.6

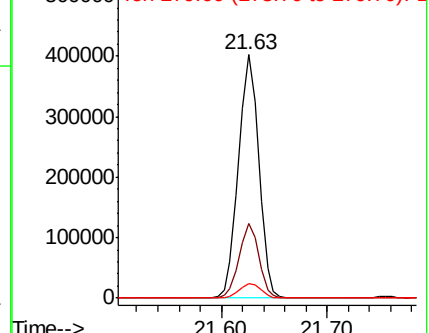
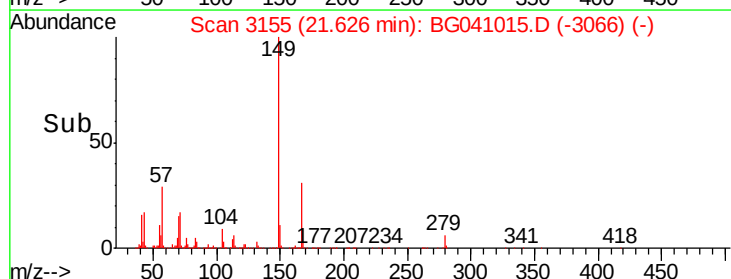


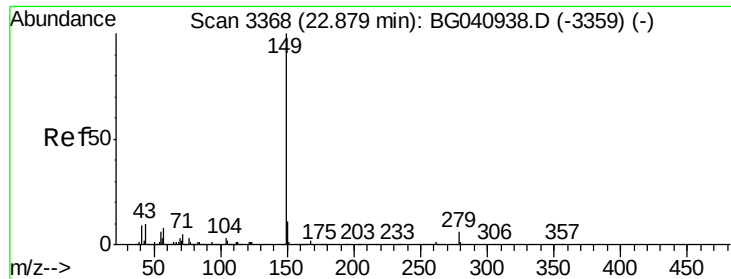
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 36.271 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampleId :

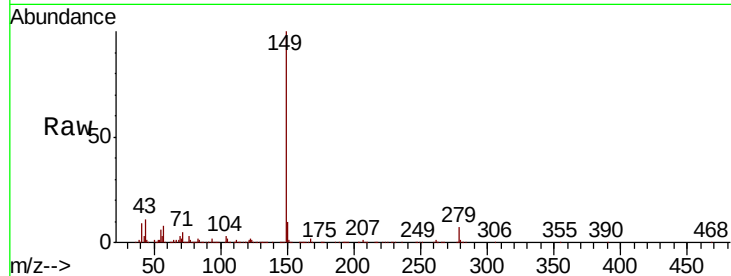
Tot Ion:149 Resp: 909566

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

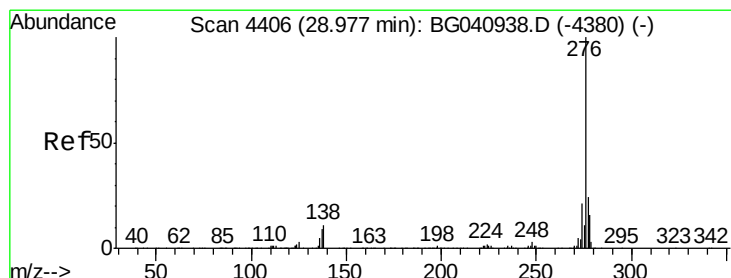
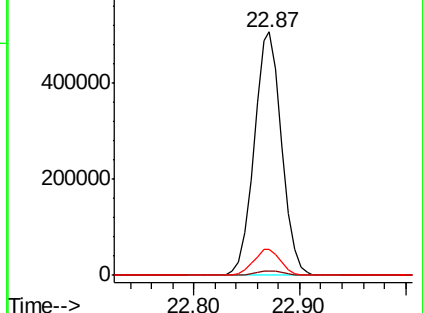
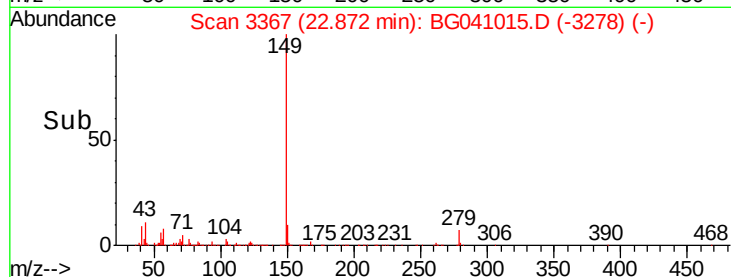
43 10.6 8.1 12.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.649 ng

RT: 28.95 min Scan# 4401

Delta R.T. -0.03 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

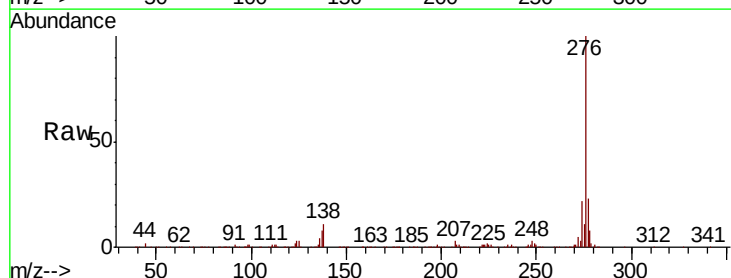
Tgt Ion:276 Resp: 1209163

Ion Ratio Lower Upper

276 100

138 8.6 5.7 8.5#

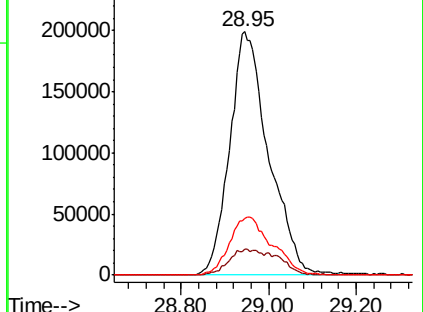
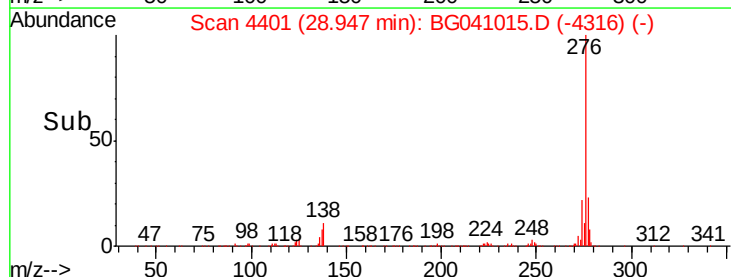
277 25.9 20.8 31.2

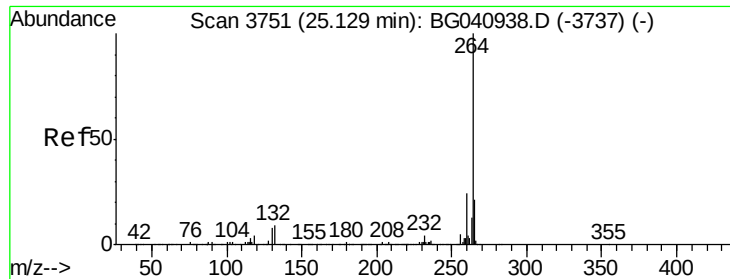


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.12 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA\_G

ClientSampleId :

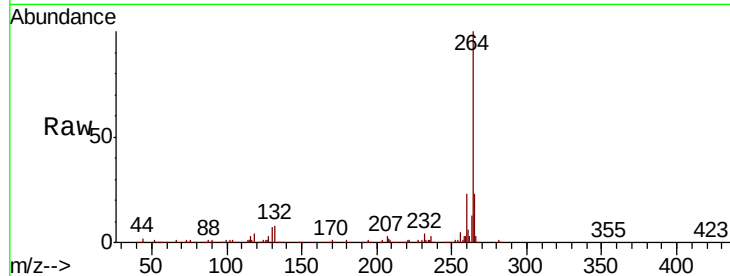
Tot Ion:264 Resp: 448793

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.7  | 19.0  | 28.4  |
| 265 | 22.6  | 17.0  | 25.4  |

264 100

260 22.7 19.0 28.4

265 22.6 17.0 25.4



Abundance

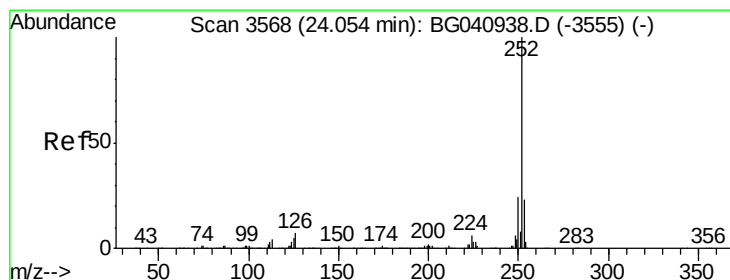
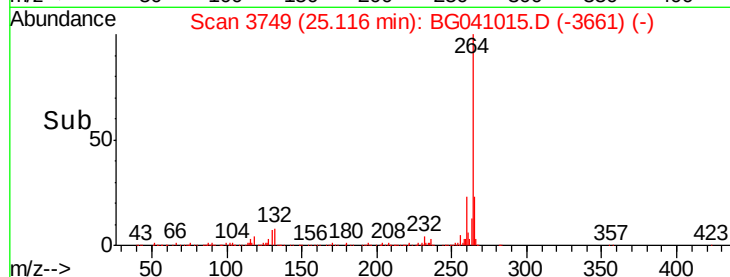
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

25.12

Time-->



#88

Benzo(b)fluoranthene

Concen: 38.220 ng

RT: 24.05 min Scan# 3567

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

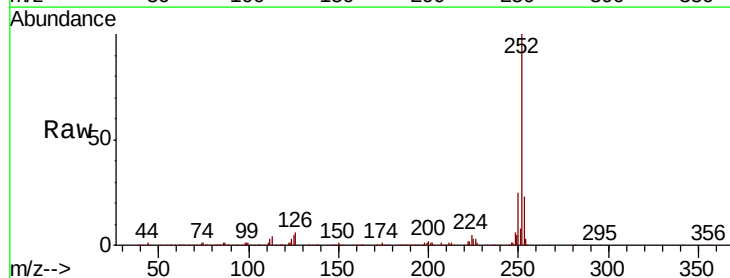
Tgt Ion:252 Resp: 1040378

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.1  | 18.4  | 27.6  |
| 125 | 5.0   | 4.3   | 6.5   |

252 100

253 23.1 18.4 27.6

125 5.0 4.3 6.5



Abundance

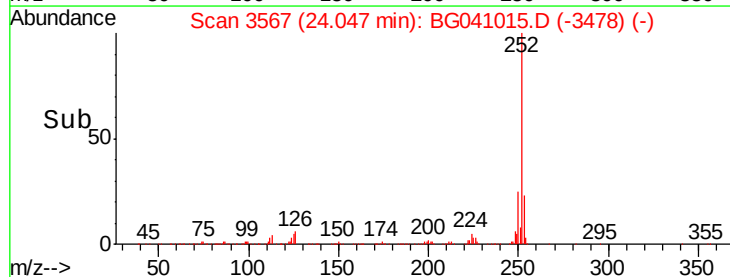
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

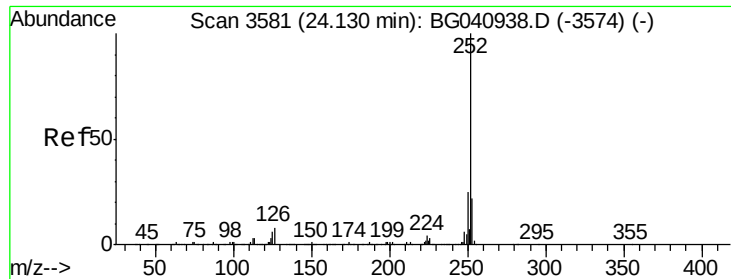
Ion 125.00 (124.70 to 125.70): E

24.05

Time-->



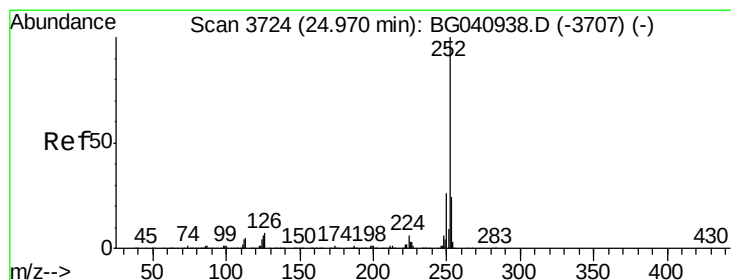
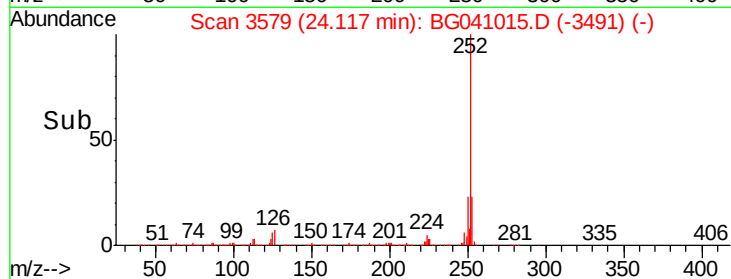
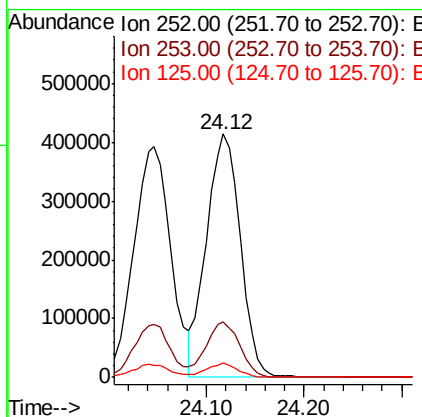
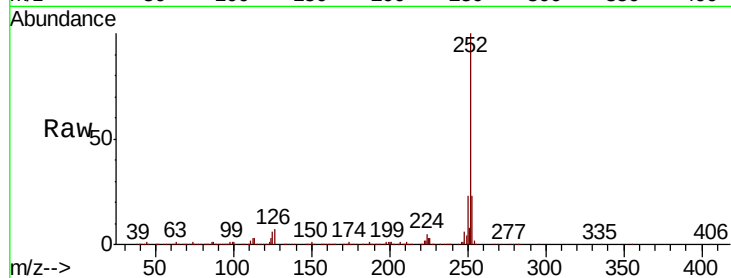




#89  
Benzo(k)fluoranthene  
Concen: 37.001 ng  
RT: 24.12 min Scan# 3579  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

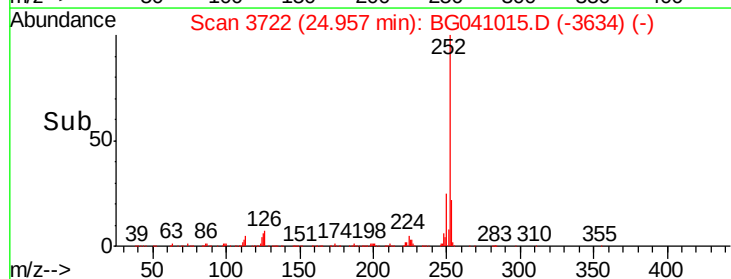
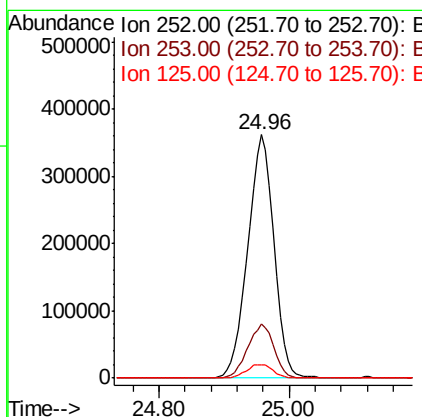
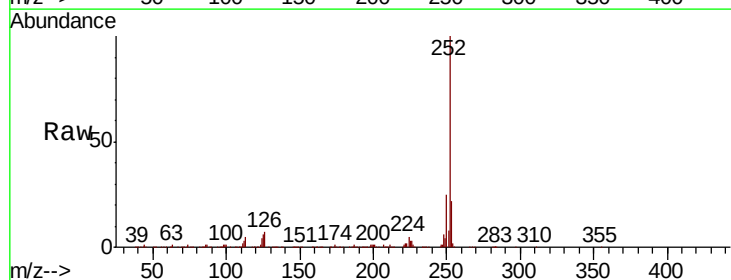
Instrument :  
BNA\_G  
ClientSampled :

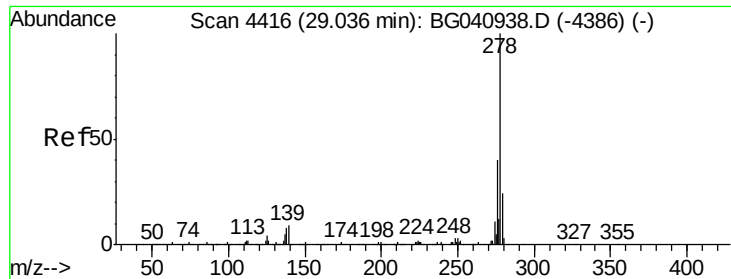
Tot Ion:252 Resp: 996689  
Ion Ratio Lower Upper  
252 100  
253 23.0 17.8 26.6  
125 5.9 4.7 7.1



#90  
Benzo(a)pyrene  
Concen: 38.767 ng  
RT: 24.96 min Scan# 3722  
Delta R.T. -0.01 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

Tgt Ion:252 Resp: 1006812  
Ion Ratio Lower Upper  
252 100  
253 22.1 19.5 29.3  
125 5.7 5.1 7.7

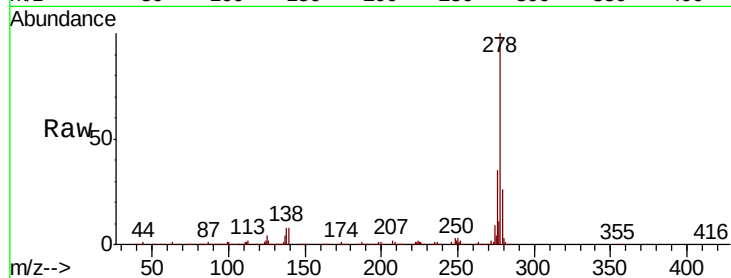




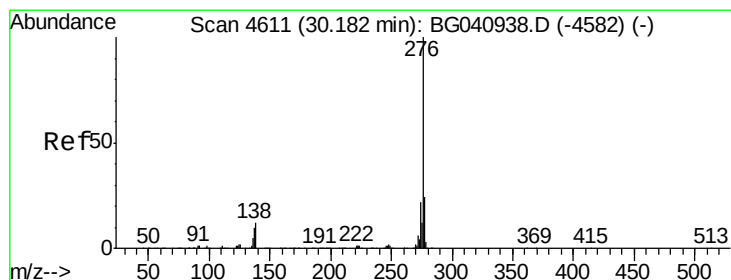
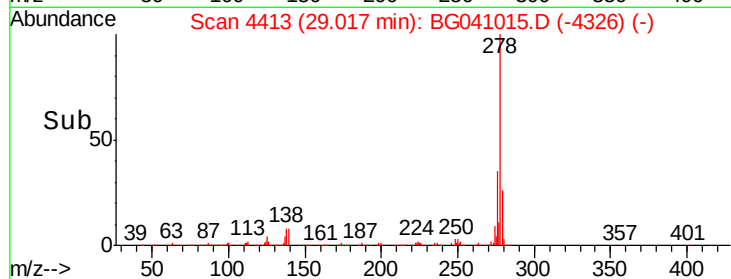
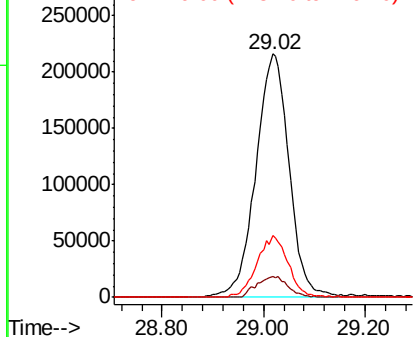
#91  
Dibenzo(a,h)anthracene  
Concen: 37.947 ng  
RT: 29.02 min Scan# 4413  
Delta R.T. -0.02 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:278 Resp: 984742  
Ion Ratio Lower Upper  
278 100  
139 8.4 7.1 10.7  
279 25.6 19.4 29.2

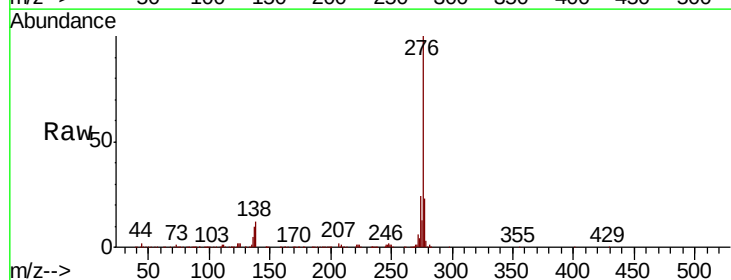


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 39.498 ng  
RT: 30.16 min Scan# 4608  
Delta R.T. -0.02 min  
Lab File: BG041015.D  
Acq: 1 Jun 2019 16:48

Tgt Ion:276 Resp: 995795  
Ion Ratio Lower Upper  
276 100  
277 23.4 19.4 29.0  
138 12.0 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

