

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\  
 Data File : BG039317.D  
 Acq On : 29 Jan 2019 15:04  
 Operator : JU/SJ  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jan 29 15:45:34 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 29 15:41:51 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.18  | 152  | 45526    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.01 | 136  | 201403   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.81 | 164  | 134598   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.55 | 188  | 323526   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.85 | 240  | 317926   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.24 | 264  | 323656   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.71  | 112  | 214478   | 80.63 | ng    | 0.00     |
| 7) Phenol-d6                | 7.32  | 99   | 318620   | 81.38 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.36  | 82   | 277139   | 85.96 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.29 | 330  | 119672   | 82.57 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.43 | 172  | 709905   | 75.66 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.15 | 244  | 1122009  | 74.70 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.62  | 88   | 46632    | 40.078 | ng    | 99     |
| 3) Pyridine                    | 4.02  | 79   | 132589   | 43.040 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.93  | 42   | 60512    | 39.277 | ng    | 98     |
| 6) Aniline                     | 7.51  | 93   | 195304   | 39.822 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.74  | 128  | 114137   | 39.254 | ng    | 95     |
| 9) Benzaldehyde                | 7.32  | 77   | 81491    | 42.382 | ng    | 97     |
| 10) Phenol                     | 7.34  | 94   | 164624   | 40.334 | ng    | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.60  | 93   | 128745   | 39.919 | ng    | 97     |
| 12) 1,3-Dichlorobenzene        | 8.07  | 146  | 135896   | 38.581 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 8.22  | 146  | 141453   | 40.291 | ng    | 97     |
| 14) 1,2-Dichlorobenzene        | 8.54  | 146  | 133198   | 39.191 | ng    | 99     |
| 15) Benzyl Alcohol             | 8.42  | 79   | 124400   | 40.469 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.71  | 45   | 282663   | 38.810 | ng    | 99     |
| 17) 2-Methylphenol             | 8.61  | 107  | 105888   | 40.090 | ng    | 94     |
| 18) Hexachloroethane           | 9.27  | 117  | 49114    | 40.662 | ng    | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.99  | 70   | 111472   | 40.112 | ng    | 95     |
| 20) 3+4-Methylphenols          | 8.94  | 107  | 148920   | 40.944 | ng    | 97     |
| 22) Acetophenone               | 9.02  | 105  | 208160   | 38.477 | ng    | 98     |
| 24) Nitrobenzene               | 9.40  | 77   | 148622   | 42.672 | ng    | 99     |
| 25) Isophorone                 | 9.93  | 82   | 276966   | 38.768 | ng    | 98     |
| 26) 2-Nitrophenol              | 10.11 | 139  | 59004    | 44.474 | ng    | 92     |
| 27) 2,4-Dimethylphenol         | 10.15 | 122  | 114532   | 39.630 | ng    | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.40 | 93   | 173699   | 39.473 | ng    | 96     |
| 29) 2,4-Dichlorophenol         | 10.64 | 162  | 127606   | 40.400 | ng    | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.86 | 180  | 141830   | 39.996 | ng    | 96     |
| 31) Naphthalene                | 11.06 | 128  | 386089   | 38.642 | ng    | 100    |
| 32) Benzoic acid               | 10.27 | 122  | 75728    | 41.517 | ng    | 98     |
| 33) 4-Chloroaniline            | 11.17 | 127  | 178765   | 38.587 | ng    | 99     |
| 34) Hexachlorobutadiene        | 11.32 | 225  | 90480    | 38.367 | ng    | 92     |
| 35) Caprolactam                | 11.96 | 113  | 54595    | 41.770 | ng    | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.26 | 107  | 148033   | 40.525 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 12.65 | 142  | 284168   | 38.400 | ng    | 96     |
| 38) 1-Methylnaphthalene        | 12.65 | 142  | 284168   | 39.836 | ng    | 95     |
| 40) 1,2,4,5-Tetrachlorobenzene | 13.01 | 216  | 166506   | 38.880 | ng    | 100    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\  
 Data File : BG039317.D  
 Acq On : 29 Jan 2019 15:04  
 Operator : JU/SJ  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

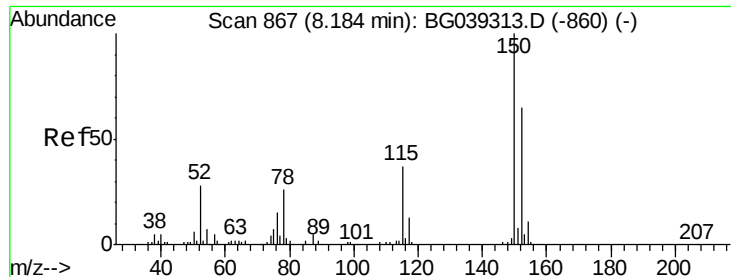
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jan 29 15:45:34 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 29 15:41:51 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.98 | 237  | 91506    | 39.212 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.24 | 196  | 109171   | 41.461 | ng    | 94       |
| 44) 2,4,5-Trichlorophenol      | 13.31 | 196  | 114351   | 41.436 | ng    | 95       |
| 46) 1,1'-Biphenyl              | 13.65 | 154  | 422374   | 37.716 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.69 | 162  | 323680   | 38.420 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.90 | 65   | 99535    | 42.316 | ng    | 97       |
| 49) Acenaphthylene             | 14.54 | 152  | 492909   | 38.775 | ng    | 99       |
| 50) Dimethylphthalate          | 14.26 | 163  | 424562   | 39.056 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.39 | 165  | 83290    | 41.953 | ng    | 94       |
| 52) Acenaphthene               | 14.87 | 154  | 325697   | 39.470 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.71 | 138  | 90672    | 42.162 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.91 | 184  | 31844    | 45.263 | ng    | 98       |
| 55) Dibenzofuran               | 15.21 | 168  | 507617   | 38.368 | ng    | 99       |
| 56) 4-Nitrophenol              | 15.00 | 139  | 78060    | 42.632 | ng    | 90       |
| 57) 2,4-Dinitrotoluene         | 15.17 | 165  | 109697   | 43.105 | ng    | # 90     |
| 58) Fluorene                   | 15.85 | 166  | 377195   | 38.245 | ng    | 96       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.42 | 232  | 113951   | 44.099 | ng    | 98       |
| 60) Diethylphthalate           | 15.61 | 149  | 432815   | 38.508 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.84 | 204  | 213757   | 38.277 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.88 | 138  | 93308    | 41.551 | ng    | 97       |
| 63) Azobenzene                 | 16.14 | 77   | 418563   | 38.101 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.92 | 198  | 56076    | 45.118 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 16.05 | 169  | 375393   | 38.160 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.74 | 248  | 137854   | 38.408 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.85 | 284  | 140446   | 39.002 | ng    | 98       |
| 69) Atrazine                   | 17.00 | 200  | 139493   | 38.802 | ng    | 96       |
| 70) Pentachlorophenol          | 17.19 | 266  | 106183   | 42.426 | ng    | 98       |
| 71) Phenanthrene               | 17.60 | 178  | 635560   | 37.956 | ng    | 100      |
| 72) Anthracene                 | 17.69 | 178  | 626030   | 37.956 | ng    | 99       |
| 73) Carbazole                  | 17.96 | 167  | 623540   | 37.881 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.50 | 149  | 731327   | 38.084 | ng    | 100      |
| 75) Fluoranthene               | 19.60 | 202  | 718989   | 36.994 | ng    | 98       |
| 77) Benzidine                  | 19.77 | 184  | 454992   | 43.651 | ng    | 97       |
| 78) Pyrene                     | 19.96 | 202  | 746835   | 37.735 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.84 | 149  | 327723   | 39.253 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.83 | 228  | 713697   | 37.991 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.74 | 252  | 268057   | 38.482 | ng    | 98       |
| 83) Chrysene                   | 21.90 | 228  | 676635   | 37.836 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.71 | 149  | 456021   | 38.286 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.99 | 149  | 751685   | 38.199 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 29.16 | 276  | 747602   | 38.964 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 24.15 | 252  | 672818   | 38.118 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.23 | 252  | 678367   | 38.280 | ng    | 99       |
| 90) Benzo(a)pyrene             | 25.08 | 252  | 650794   | 38.284 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 29.24 | 278  | 607159   | 38.139 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.38 | 276  | 613194   | 38.645 | ng    | 97       |

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



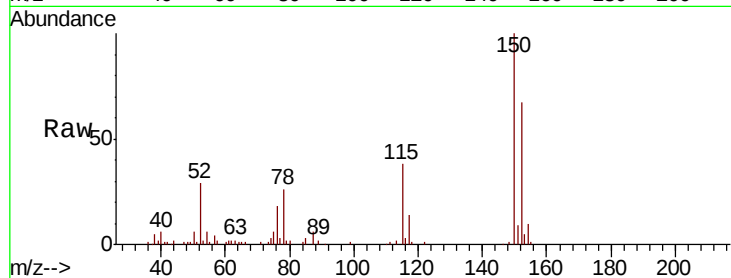


#1

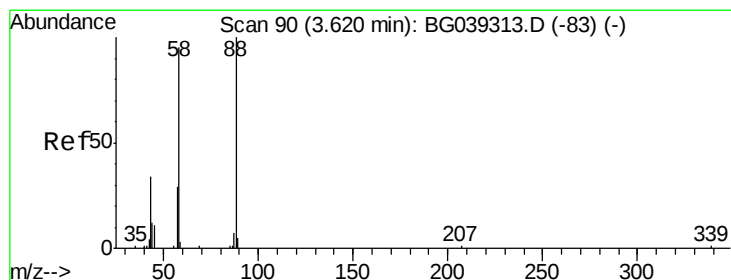
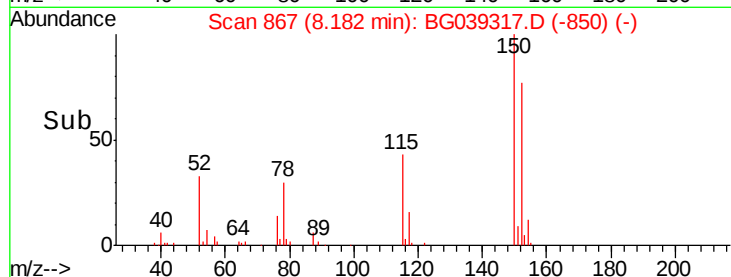
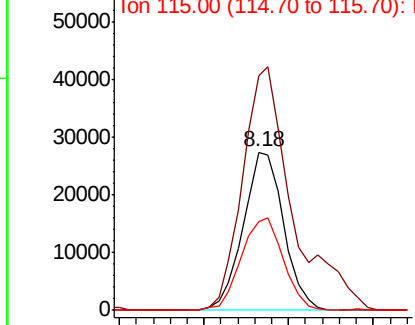
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.18 min Scan# 867  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

Instrument :  
BNA\_G  
ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 148.5 | 123.7 | 185.5 |
| 115     | 55.9  | 45.9  | 68.9  |



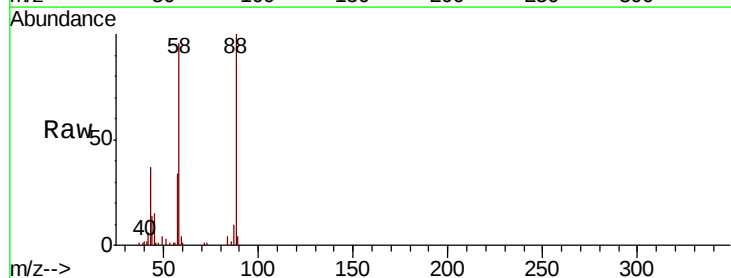
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



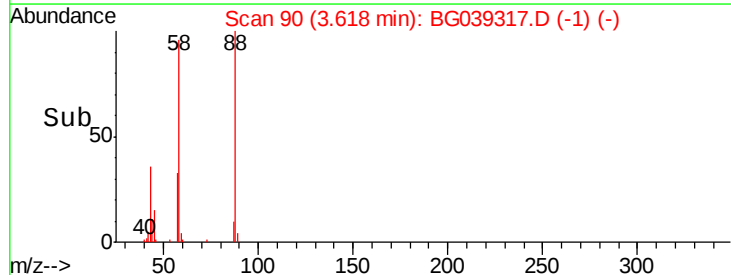
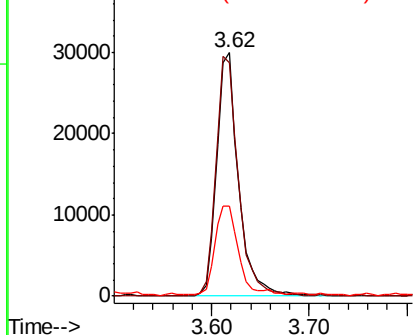
#2

1,4-Dioxane  
Concen: 40.078 ng  
RT: 3.62 min Scan# 90  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 100.1 | 81.1  | 121.7 |
| 43      | 38.3  | 31.4  | 47.0  |



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: 43.040 ng

RT: 4.02 min Scan# 159

Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampled :

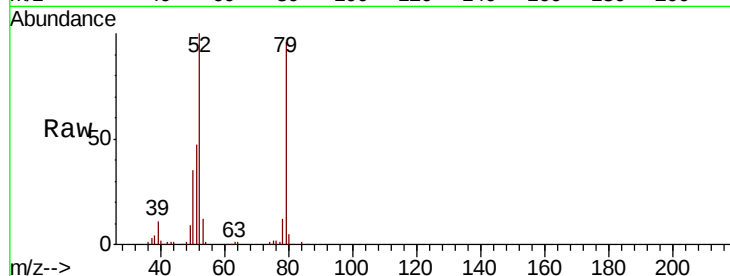
Tot Ion: 79 Resp: 132589

Ion Ratio Lower Upper

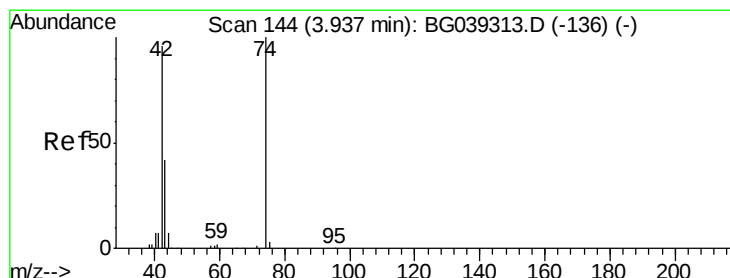
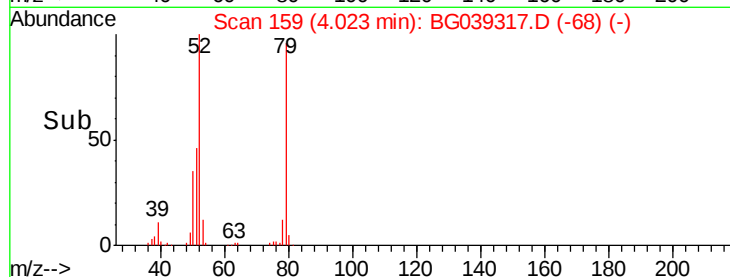
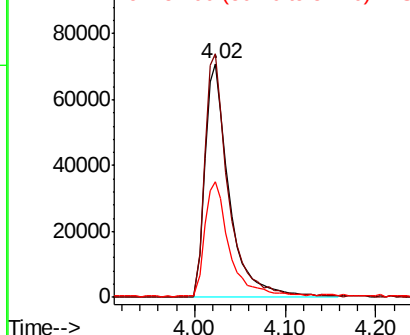
79 100

52 104.3 82.6 124.0

51 49.4 37.5 56.3



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: 39.277 ng

RT: 3.93 min Scan# 144

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

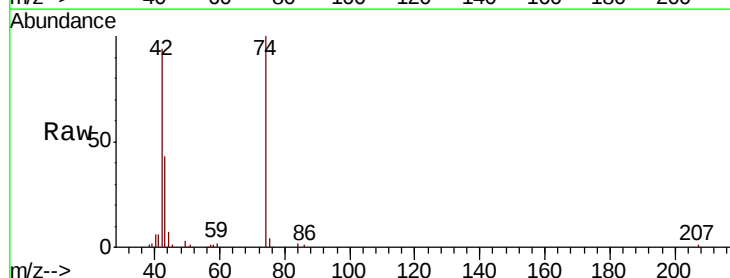
Tgt Ion: 42 Resp: 60512

Ion Ratio Lower Upper

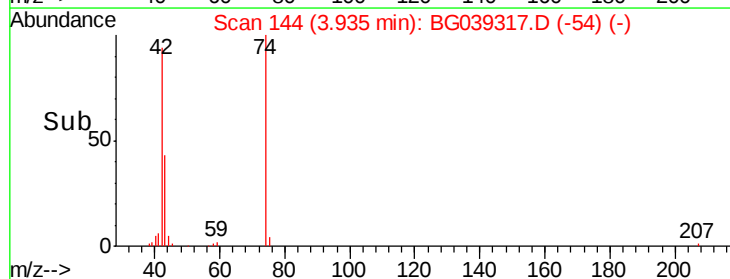
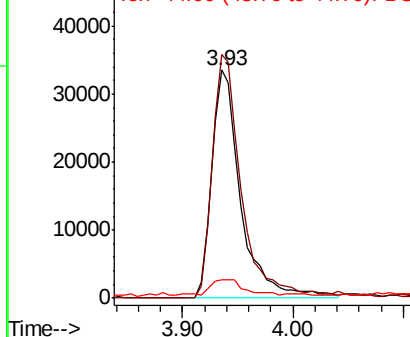
42 100

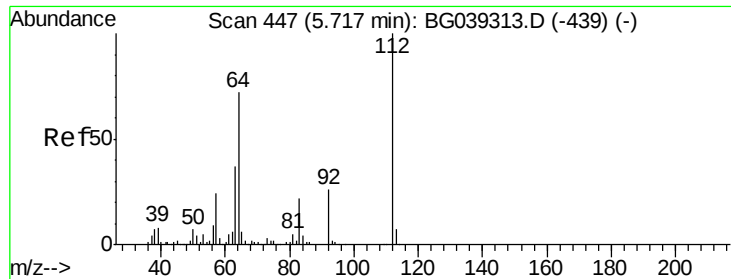
74 106.7 83.6 125.4

44 7.9 6.9 10.3



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: 80.631 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

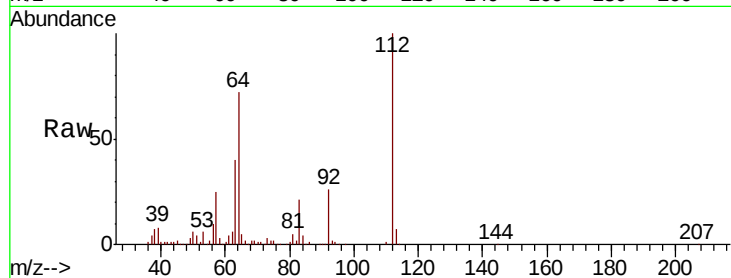
Tot Ion:112 Resp: 214478

Ion Ratio Lower Upper

112 100

64 72.1 57.8 86.8

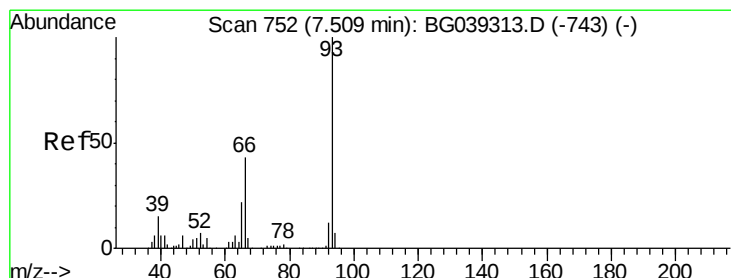
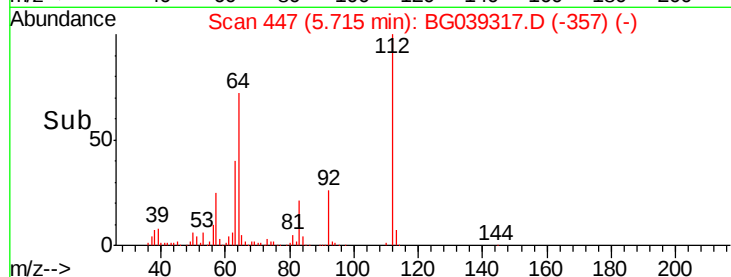
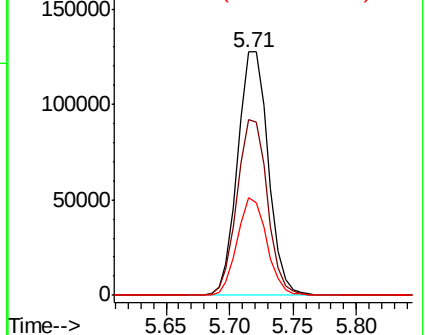
63 40.2 29.8 44.6



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: 39.822 ng

RT: 7.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

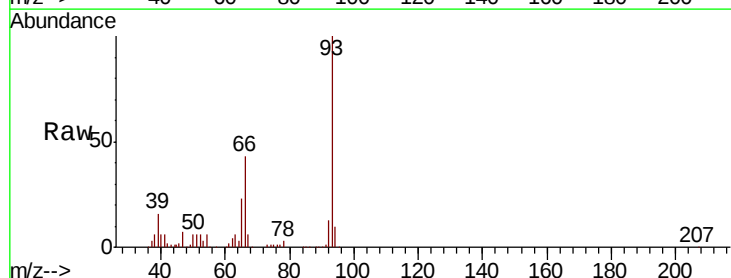
Tgt Ion: 93 Resp: 195304

Ion Ratio Lower Upper

93 100

66 42.8 34.2 51.4

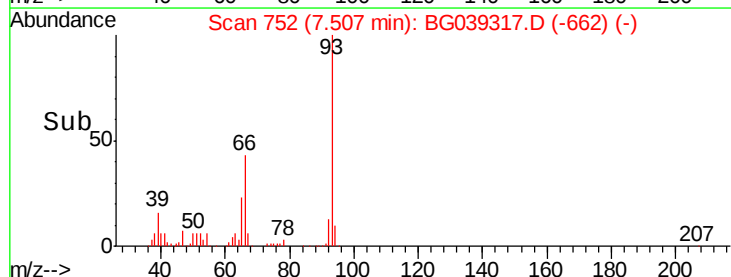
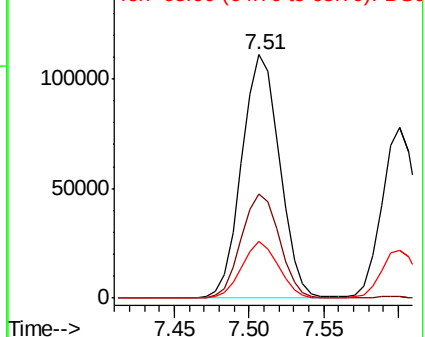
65 23.3 17.7 26.5

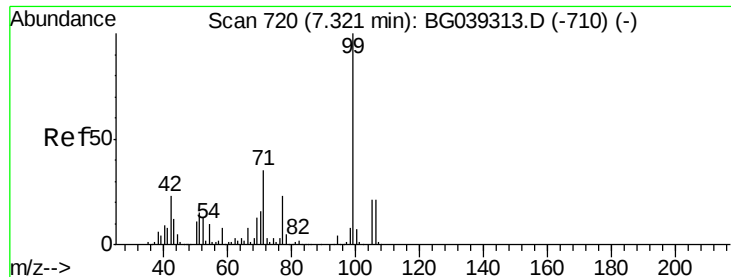


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.375 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

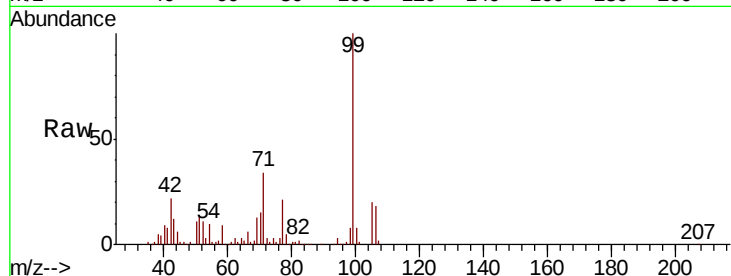
Tot Ion: 99 Resp: 318620

Ion Ratio Lower Upper

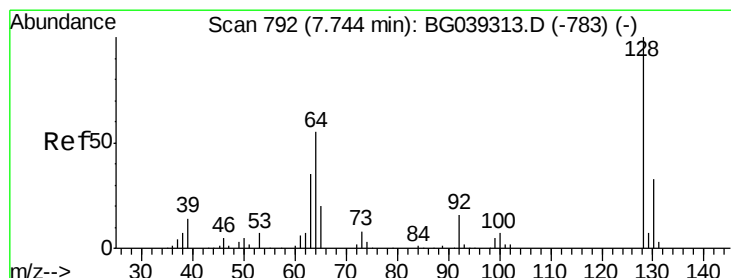
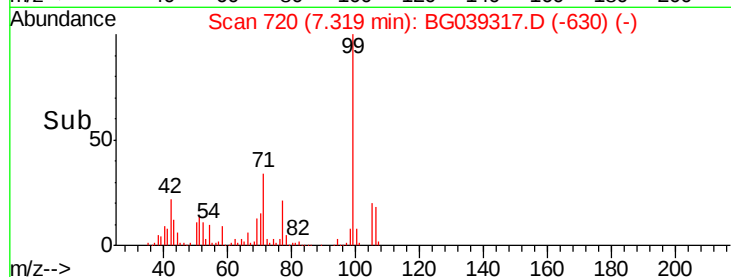
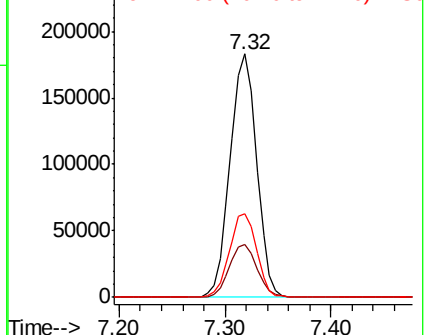
99 100

42 22.0 18.2 27.2

71 34.5 28.0 42.0



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: 39.254 ng

RT: 7.74 min Scan# 792

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

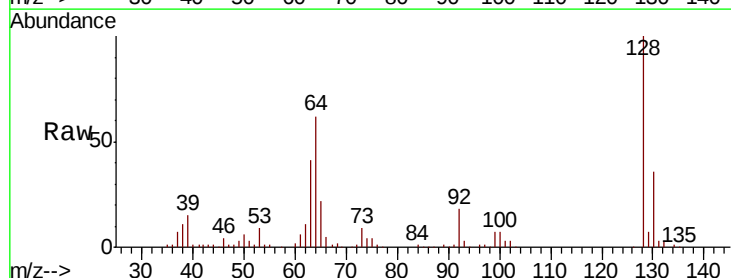
Tgt Ion: 128 Resp: 114137

Ion Ratio Lower Upper

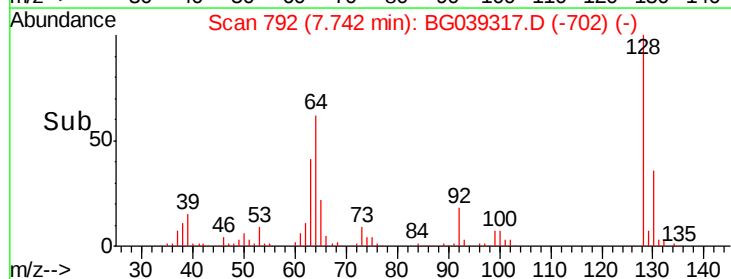
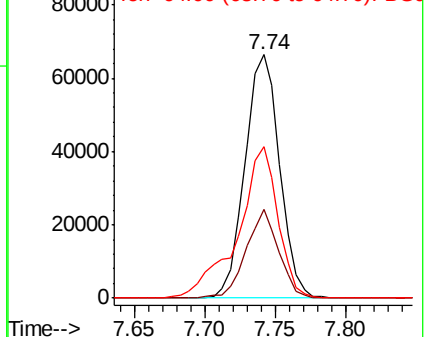
128 100

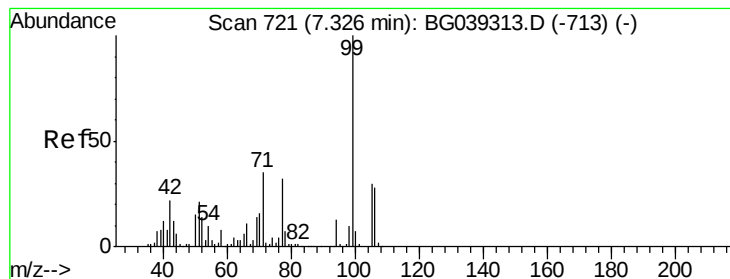
130 36.3 12.9 52.9

64 62.0 38.7 78.7



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: 42.382 ng

RT: 7.32 min Scan# 721

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

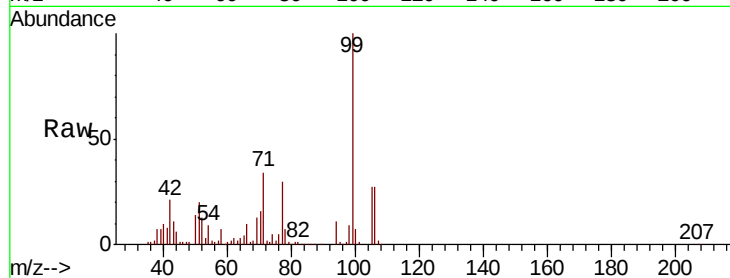
Tot Ion: 77 Resp: 81491

Ion Ratio Lower Upper

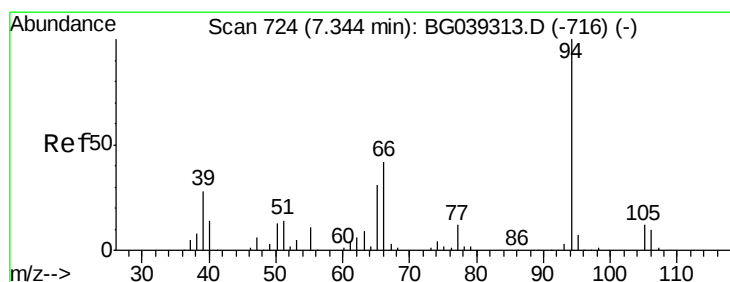
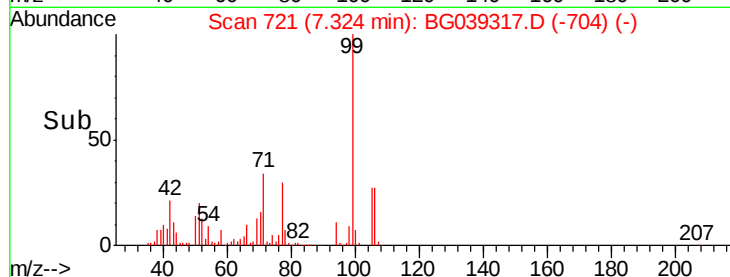
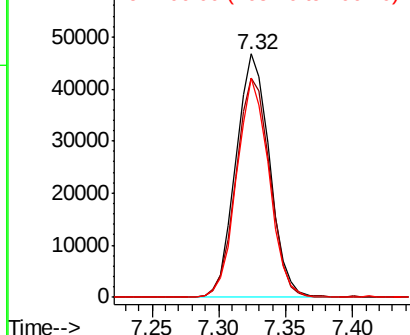
77 100

105 89.8 74.5 114.5

106 89.9 68.0 108.0



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: 40.334 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

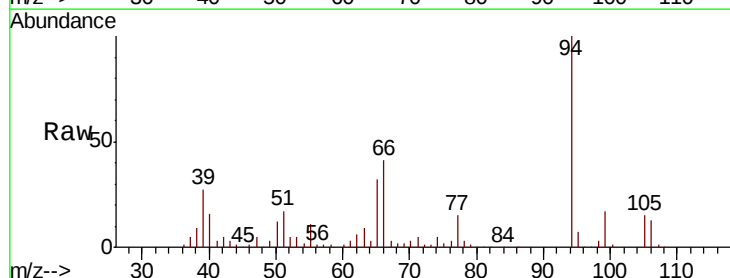
Tgt Ion: 94 Resp: 164624

Ion Ratio Lower Upper

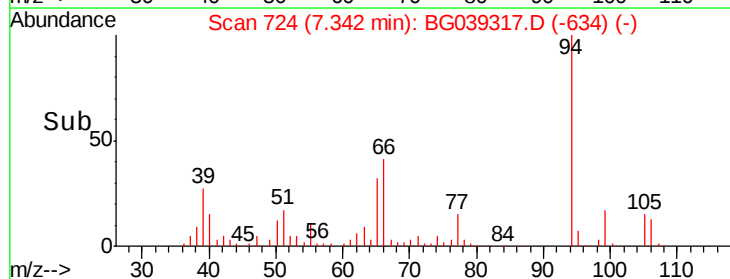
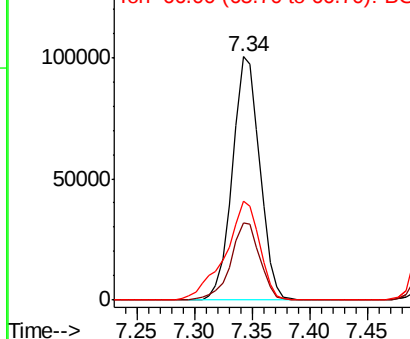
94 100

65 31.7 11.7 51.7

66 40.7 23.7 63.7



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



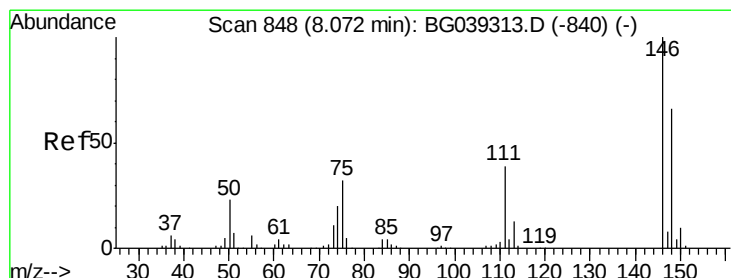
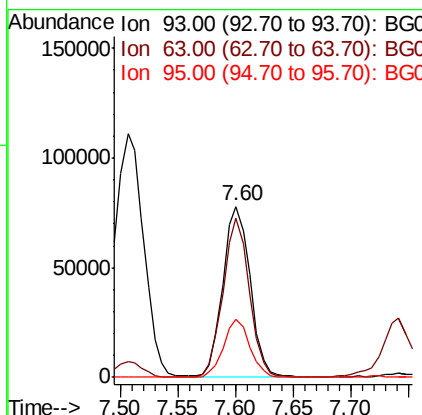
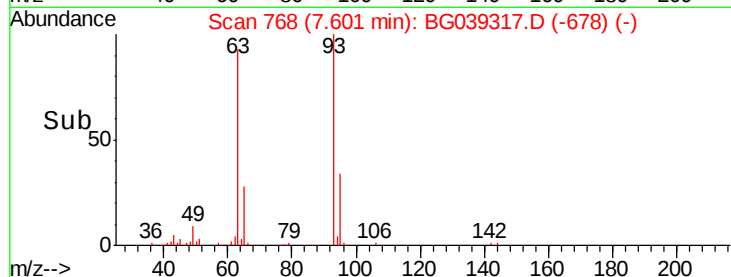
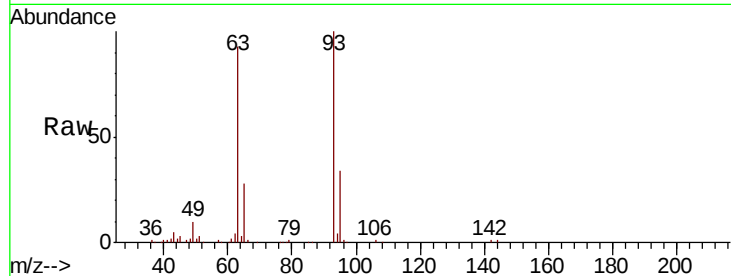


#11  
 bis(2-Chloroethyl)ether  
 Concen: 39.919 ng  
 RT: 7.60 min Scan# 768  
 Delta R.T. -0.00 min  
 Lab File: BG039317.D  
 Acq: 29 Jan 2019 15:04

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion: 93 Resp: 128745  

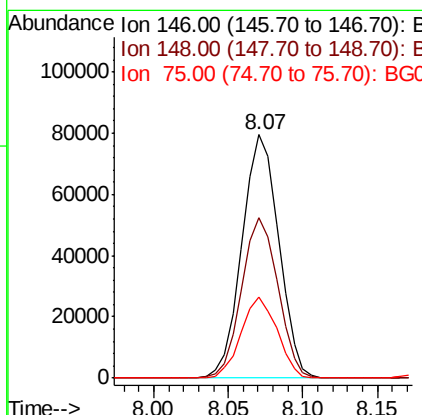
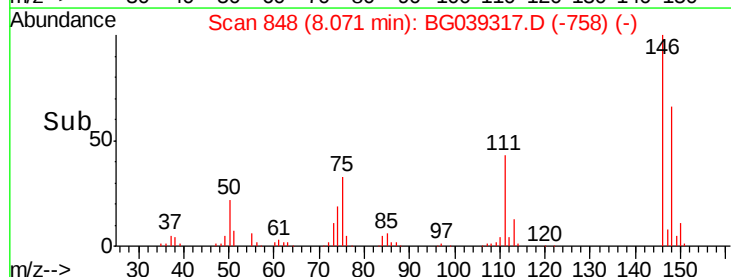
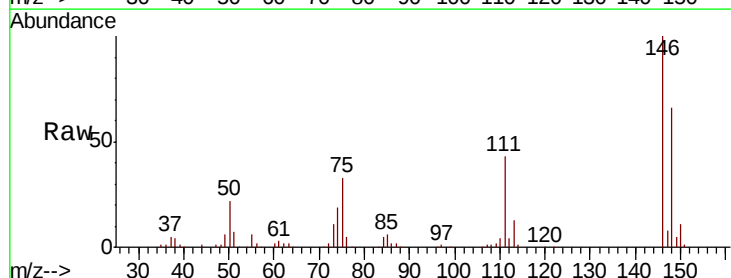
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 93.3  | 69.5  | 109.5 |
| 95  | 33.6  | 12.7  | 52.7  |

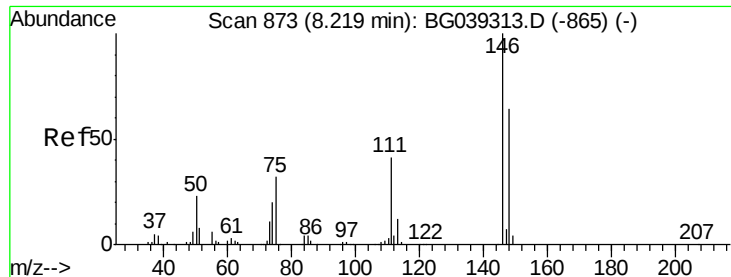


#12  
 1,3-Dichlorobenzene  
 Concen: 38.581 ng  
 RT: 8.07 min Scan# 848  
 Delta R.T. -0.00 min  
 Lab File: BG039317.D  
 Acq: 29 Jan 2019 15:04

Tgt Ion: 146 Resp: 135896  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 66.1  | 52.6  | 79.0  |
| 75  | 33.4  | 25.8  | 38.6  |





#13

1,4-Dichlorobenzene

Concen: 40.291 ng

RT: 8.22 min Scan# 874

Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampled :

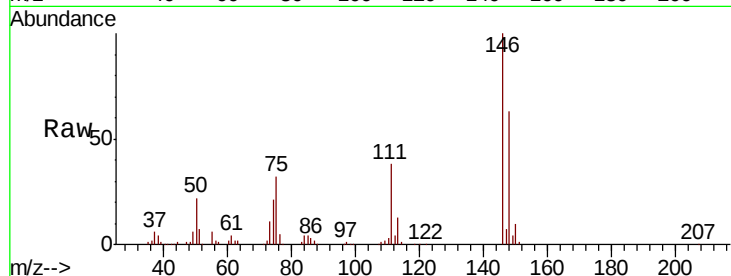
Tot Ion:146 Resp: 141453

Ion Ratio Lower Upper

146 100

148 62.5 51.1 76.7

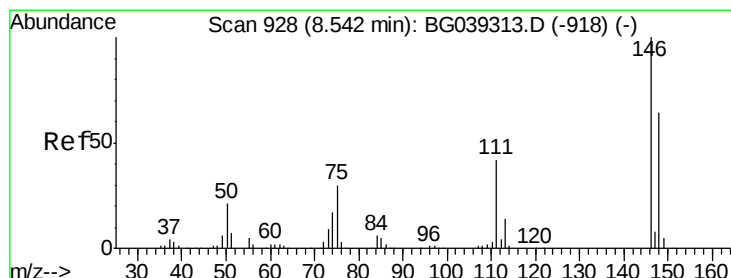
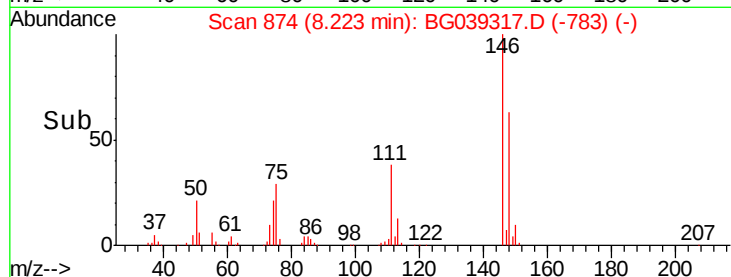
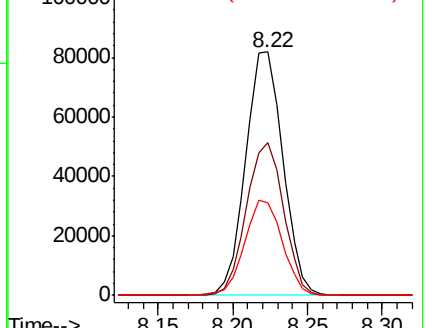
111 38.3 32.6 48.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.191 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

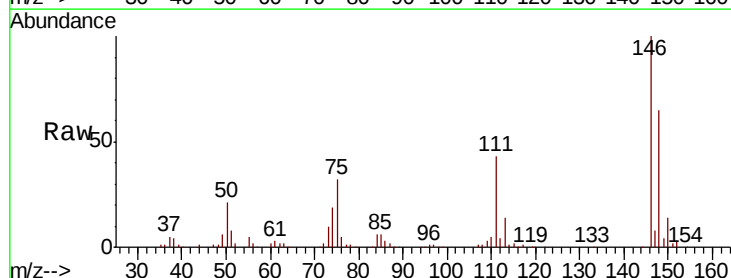
Tgt Ion:146 Resp: 133198

Ion Ratio Lower Upper

146 100

148 65.1 51.5 77.3

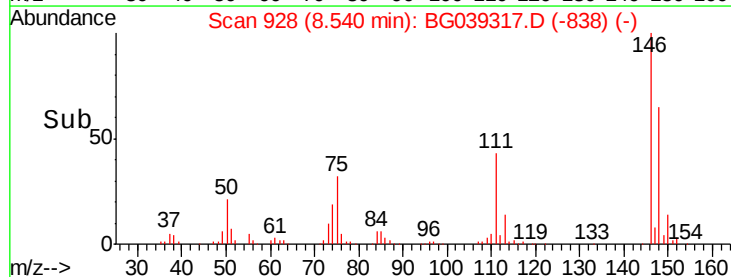
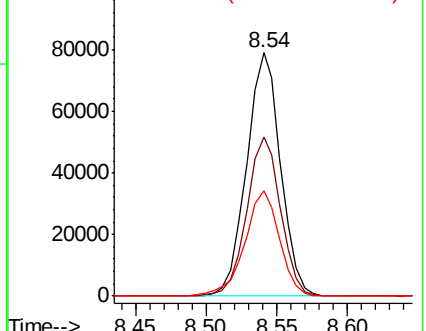
111 43.3 33.8 50.6

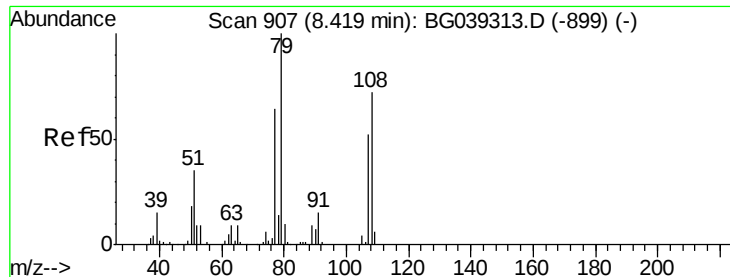


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.469 ng

RT: 8.42 min Scan# 908

Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampled :

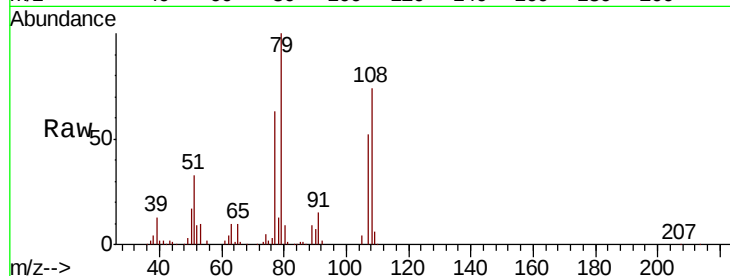
Tot Ion: 79 Resp: 124400

Ion Ratio Lower Upper

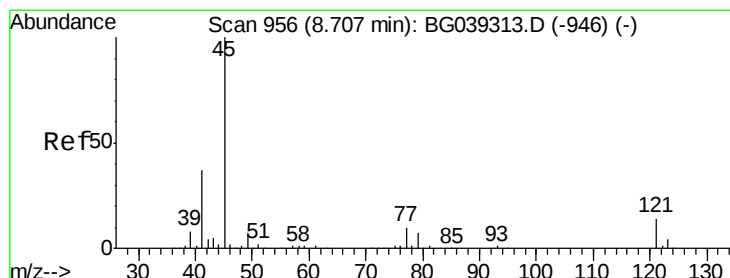
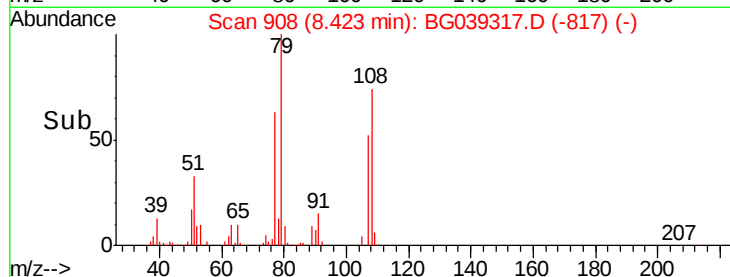
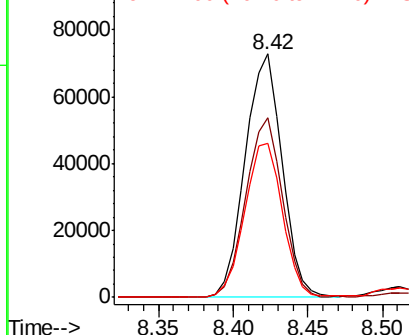
79 100

108 73.9 57.8 86.6

77 63.2 51.1 76.7



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.810 ng

RT: 8.71 min Scan# 957

Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

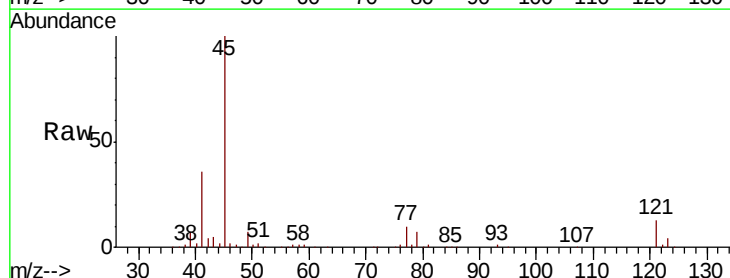
Tgt Ion: 45 Resp: 282663

Ion Ratio Lower Upper

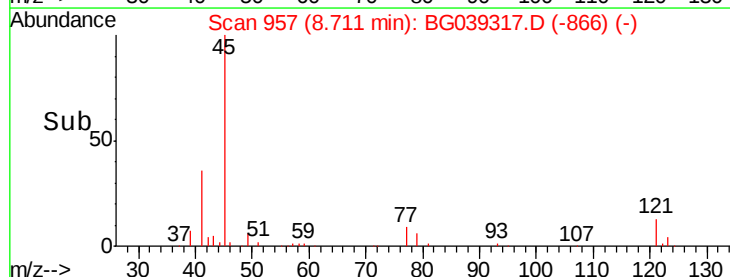
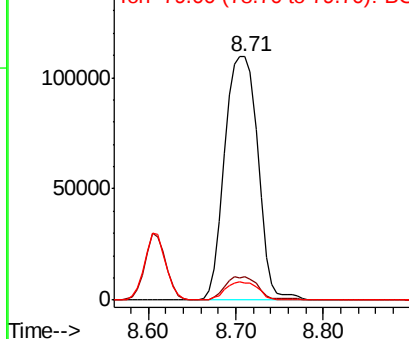
45 100

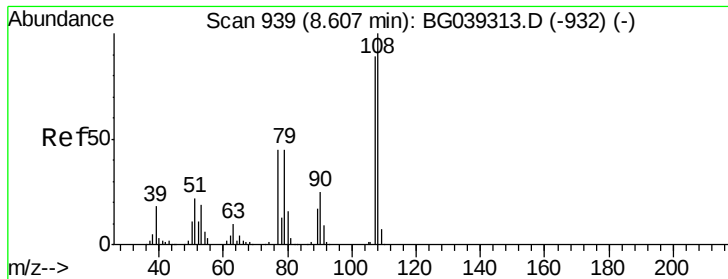
77 9.8 0.0 30.0

79 7.0 0.0 27.5



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 40.090 ng

RT: 8.61 min Scan# 940

Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

Tot Ion:107 Resp: 105888

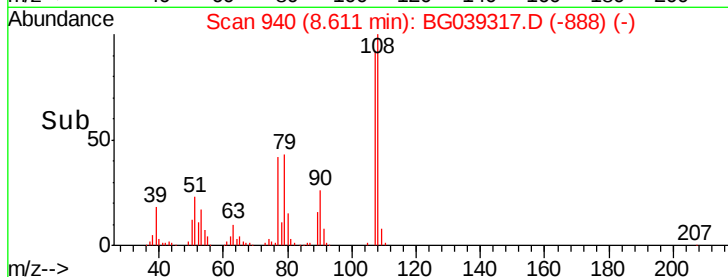
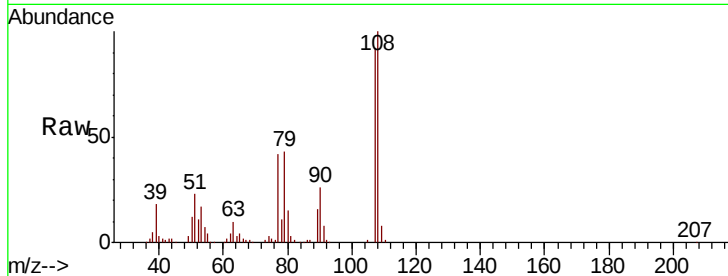
Ion Ratio Lower Upper

107 100

108 108.2 90.8 136.2

77 45.3 40.7 61.1

79 46.8 40.6 60.8

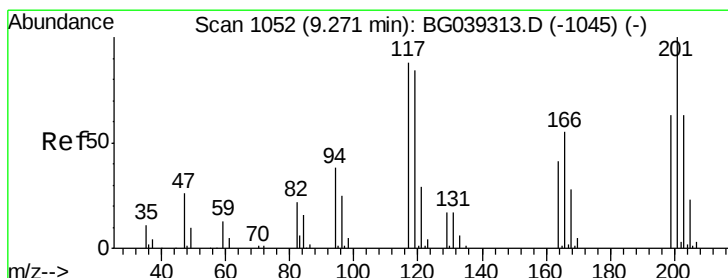
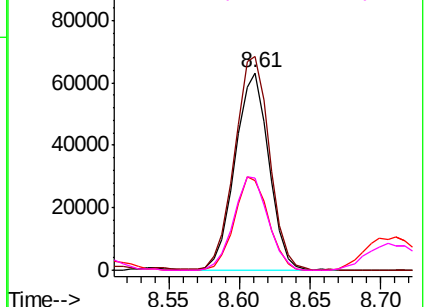


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.662 ng

RT: 9.27 min Scan# 1053

Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

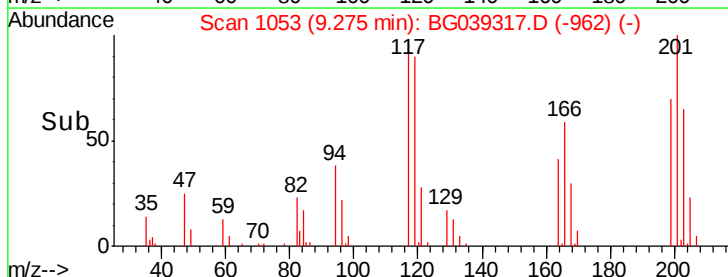
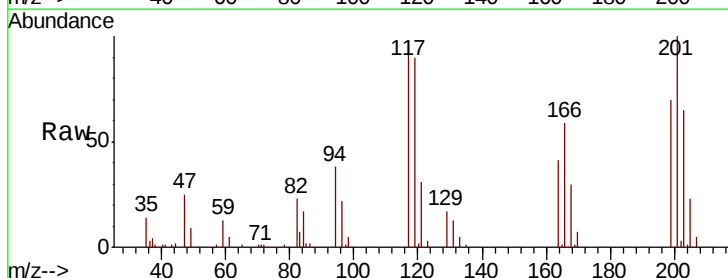
Tgt Ion:117 Resp: 49114

Ion Ratio Lower Upper

117 100

119 93.7 76.3 114.5

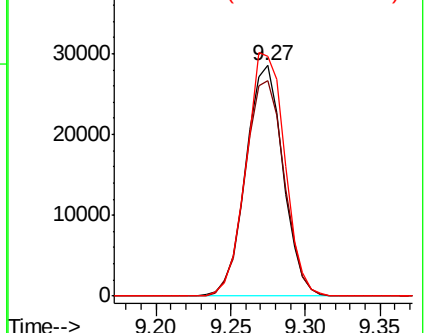
201 104.1 91.1 136.7

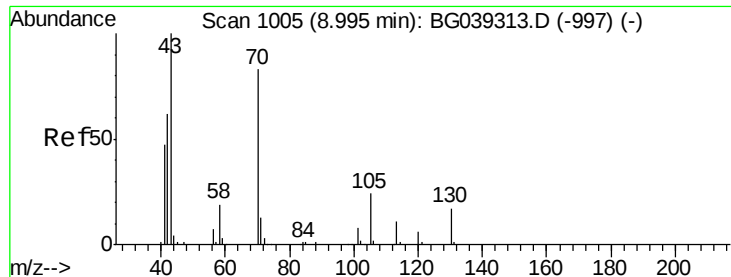


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

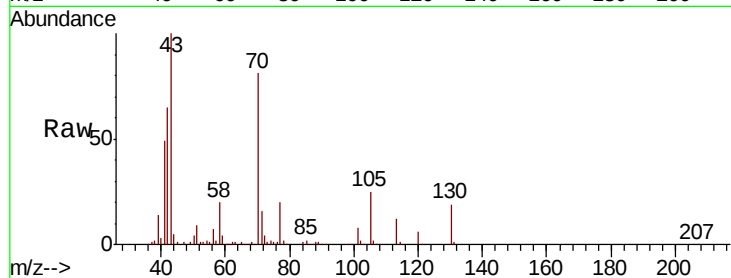




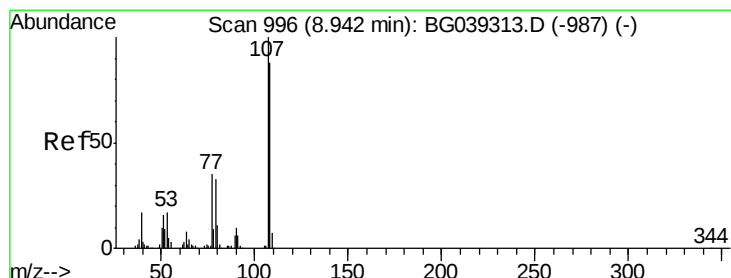
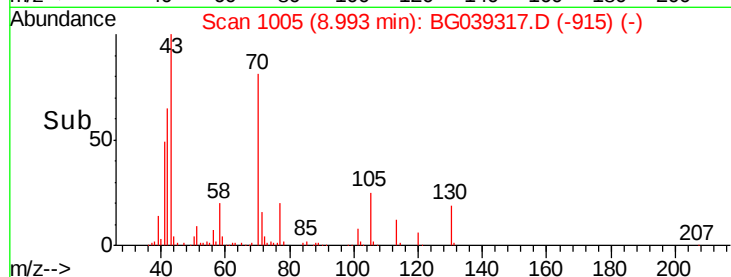
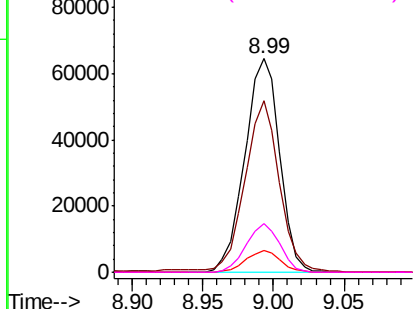
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.112 ng  
RT: 8.99 min Scan# 1005  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion: 70 Resp: 111472  
Ion Ratio Lower Upper  
70 100  
42 80.4 60.4 90.6  
101 10.5 7.5 11.3  
130 22.9 16.9 25.3

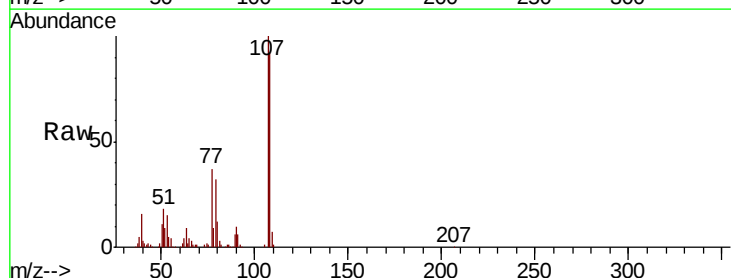


Abundance Ion 70.00 (69.70 to 70.70): BGC  
100000 Ion 42.00 (41.70 to 42.70): BGC  
80000 Ion 101.00 (100.70 to 101.70): BGC  
60000 Ion 130.00 (129.70 to 130.70): BGC  
40000  
20000  
0

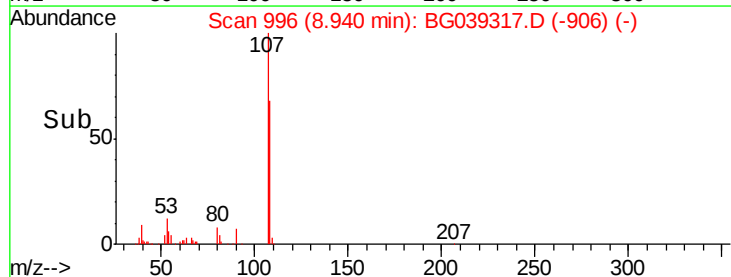
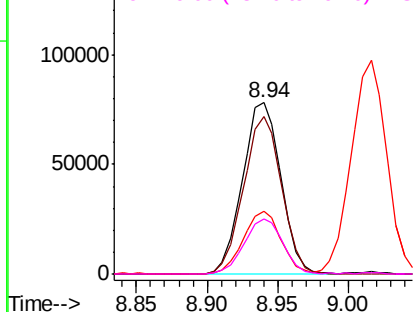


#20  
3+4-Methylphenols  
Concen: 40.944 ng  
RT: 8.94 min Scan# 996  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

Tgt Ion:107 Resp: 148920  
Ion Ratio Lower Upper  
107 100  
108 92.1 67.9 107.9  
77 36.6 15.4 55.4  
79 32.4 13.7 53.7



Abundance Ion 107.00 (106.70 to 107.70): BGC  
150000 Ion 108.00 (107.70 to 108.70): BGC  
100000 Ion 77.00 (76.70 to 77.70): BGC  
50000 Ion 79.00 (78.70 to 79.70): BGC  
0

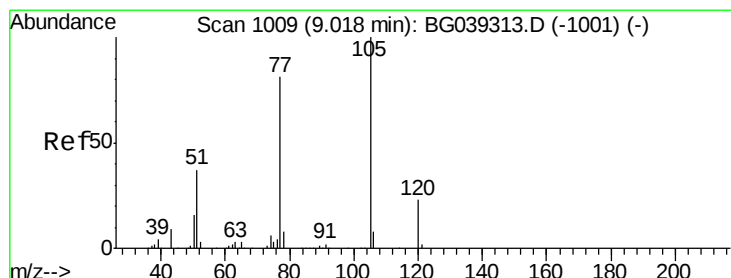
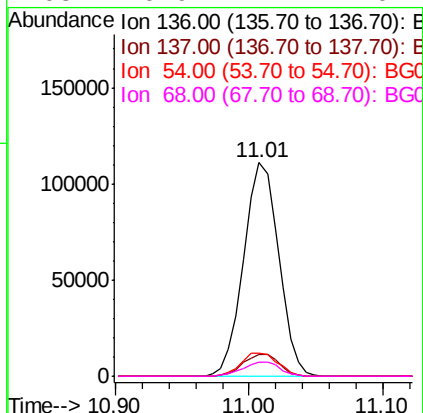
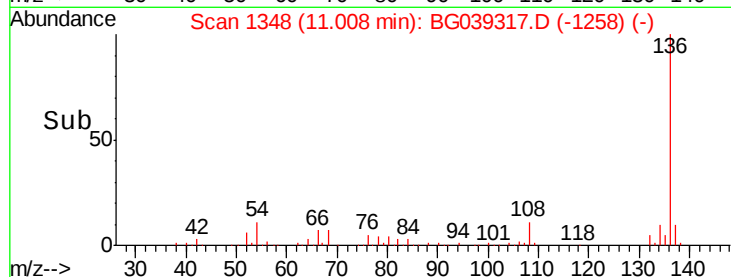
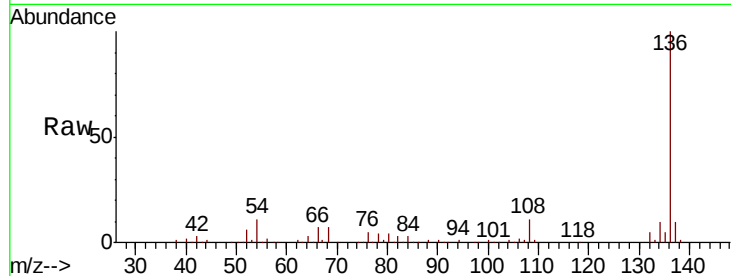




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.01 min Scan# 1348  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

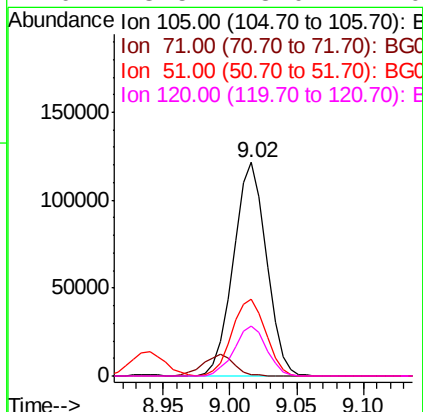
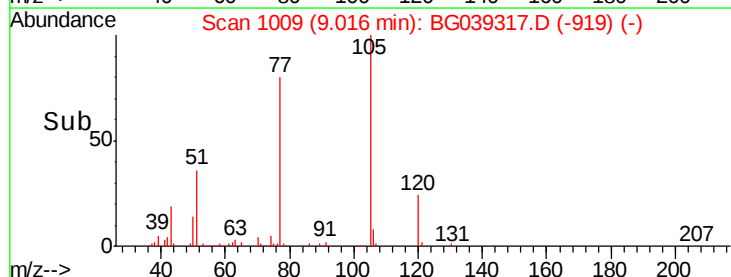
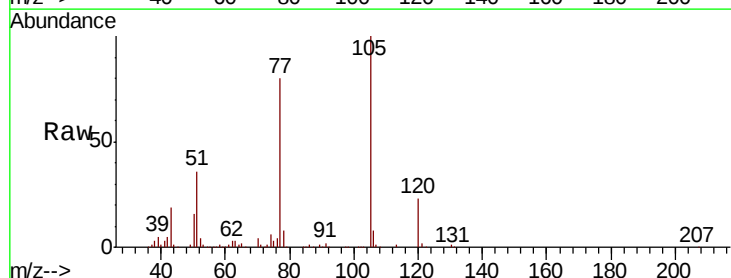
Instrument :  
BNA\_G  
ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 201403   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.5  | 9.1 13.7 |
| 54          | 10.7  | 9.4 14.2 |
| 68          | 6.9   | 4.2 6.4# |



#22  
Acetophenone  
Concen: 38.477 ng  
RT: 9.02 min Scan# 1009  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 208160    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.7   | 0.8 1.2#  |
| 51          | 36.1  | 30.2 45.2 |
| 120         | 23.5  | 18.0 27.0 |





#23

Nitrobenzene-d5

Concen: 85.964 ng

RT: 9.36 min Scan# 1068

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

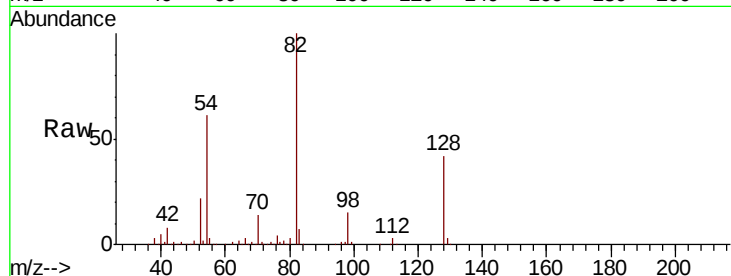
Tot Ion: 82 Resp: 277139

Ion Ratio Lower Upper

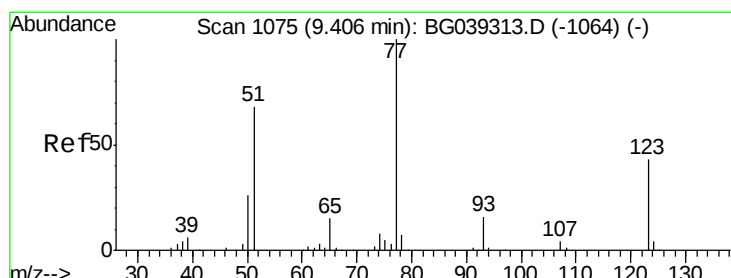
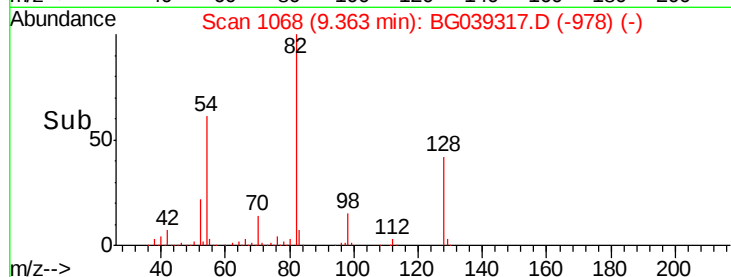
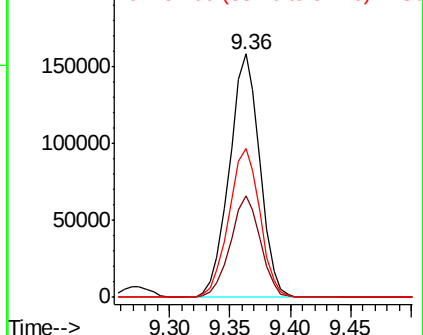
82 100

128 41.8 31.3 46.9

54 61.1 50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 128.00 (127.70 to 128.70): BGC  
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 42.672 ng

RT: 9.40 min Scan# 1075

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

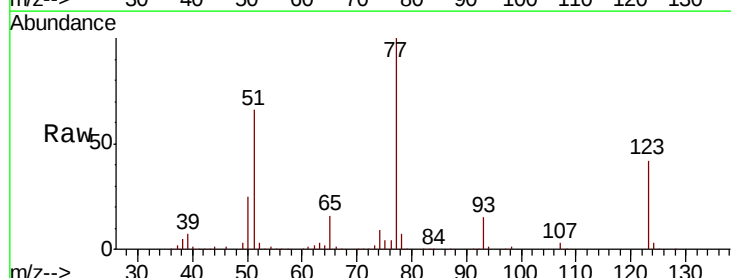
Tgt Ion: 77 Resp: 148622

Ion Ratio Lower Upper

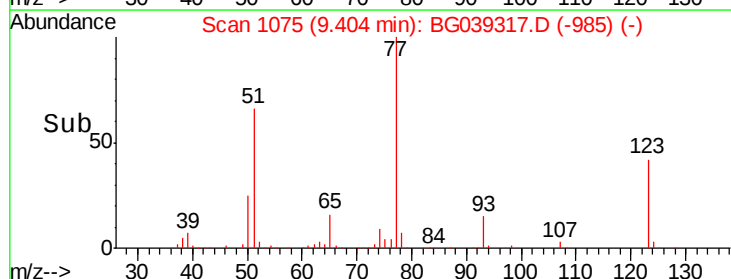
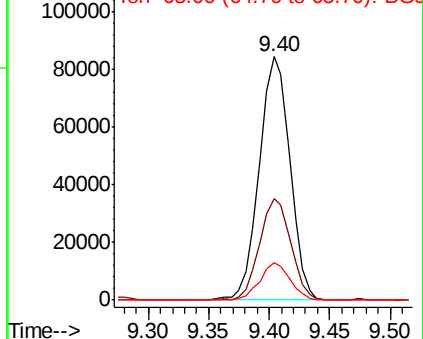
77 100

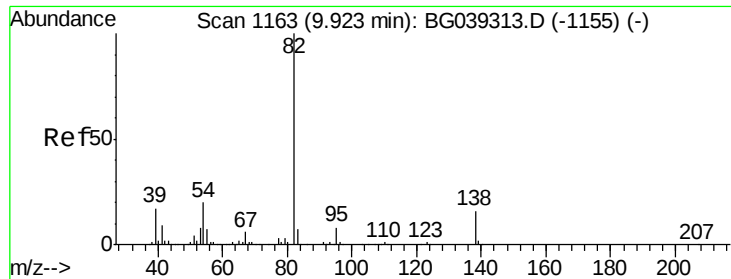
123 41.8 34.1 51.1

65 15.6 12.3 18.5



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 123.00 (122.70 to 123.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 38.768 ng

RT: 9.93 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

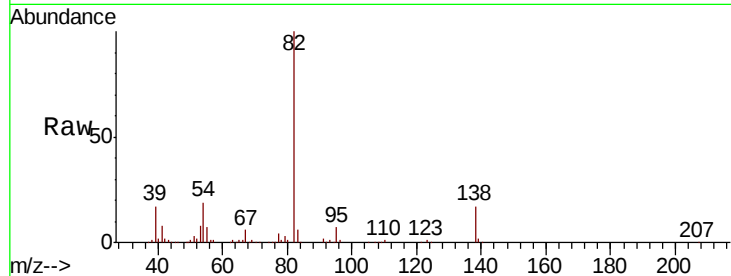
Tot Ion: 82 Resp: 276966

Ion Ratio Lower Upper

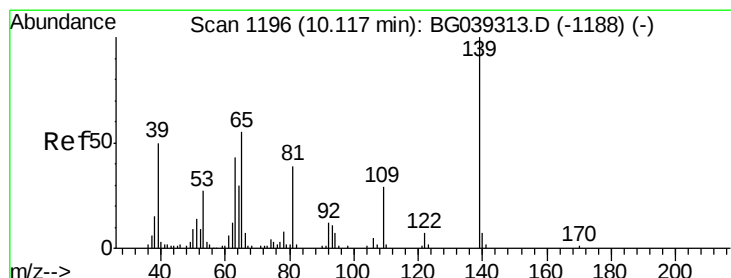
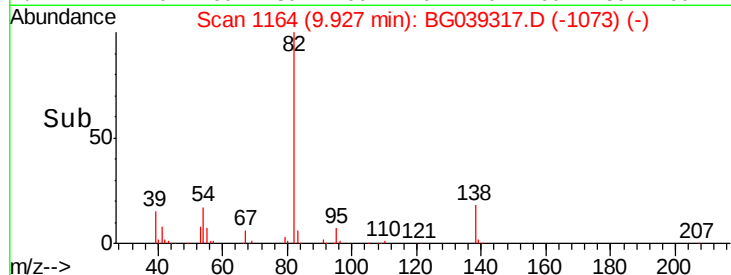
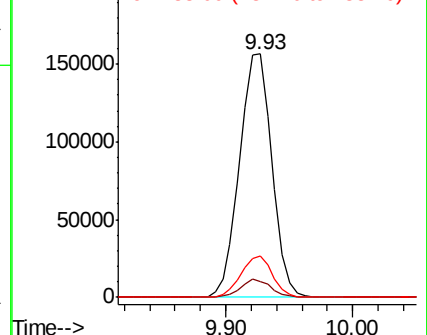
82 100

95 6.5 6.2 9.2

138 17.1 13.0 19.4



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



#26

2-Nitrophenol

Concen: 44.474 ng

RT: 10.11 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

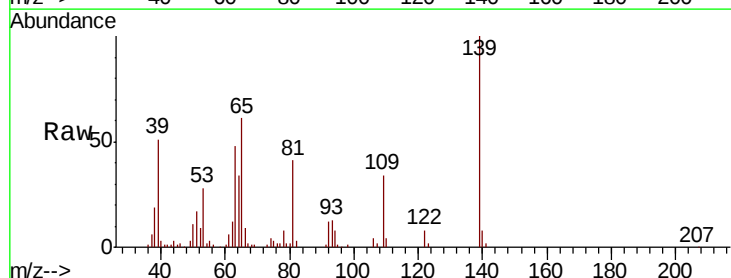
Tgt Ion: 139 Resp: 59004

Ion Ratio Lower Upper

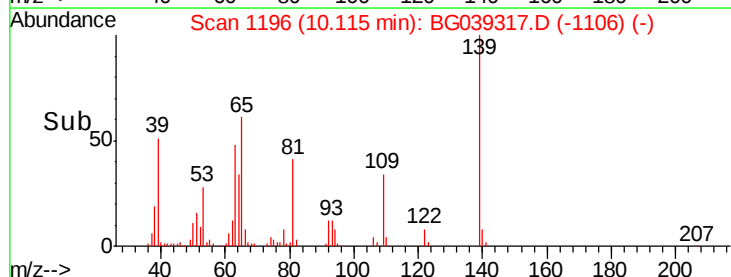
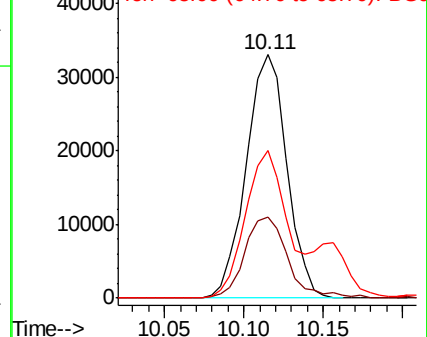
139 100

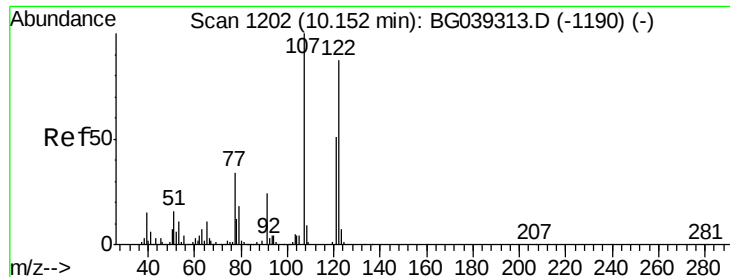
109 33.5 23.4 35.0

65 60.8 44.3 66.5



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

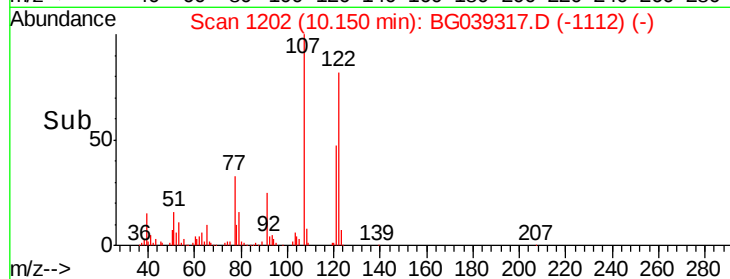
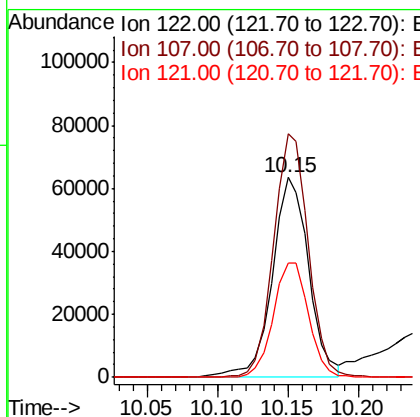
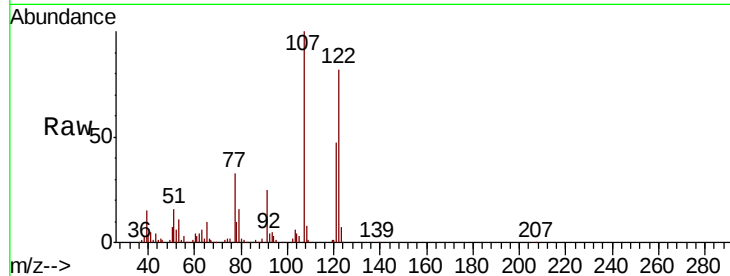




#27  
2,4-Dimethylphenol  
Concen: 39.630 ng  
RT: 10.15 min Scan# 1202  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

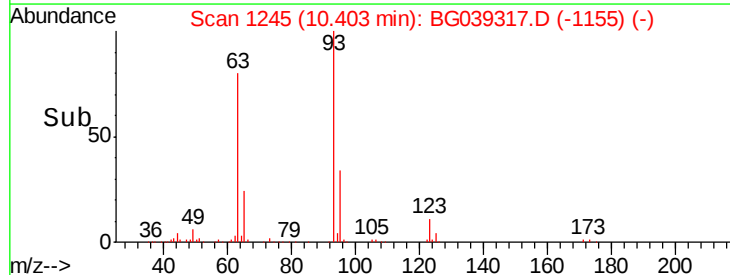
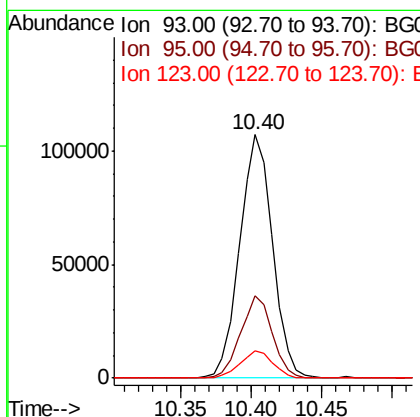
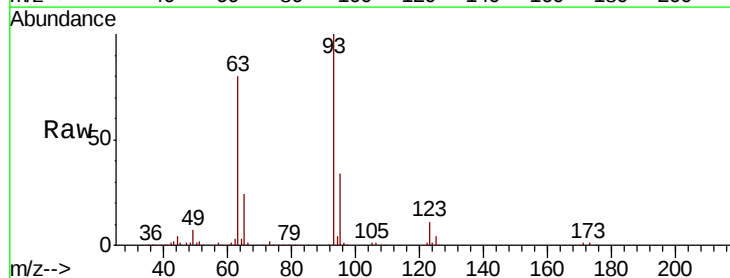
Instrument :  
BNA\_G  
ClientSampled :

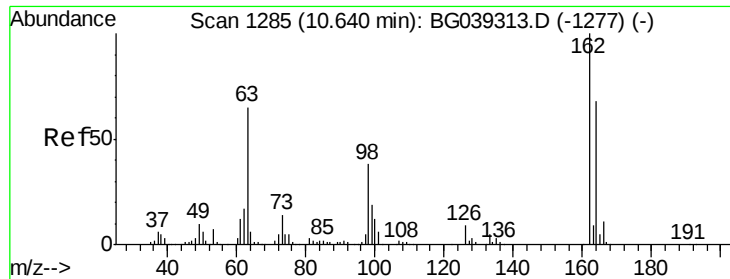
Tot Ion:122 Resp: 114532  
Ion Ratio Lower Upper  
122 100  
107 121.8 91.7 137.5  
121 57.0 46.4 69.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.473 ng  
RT: 10.40 min Scan# 1245  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

Tgt Ion: 93 Resp: 173699  
Ion Ratio Lower Upper  
93 100  
95 33.8 25.0 37.4  
123 11.2 8.6 12.8

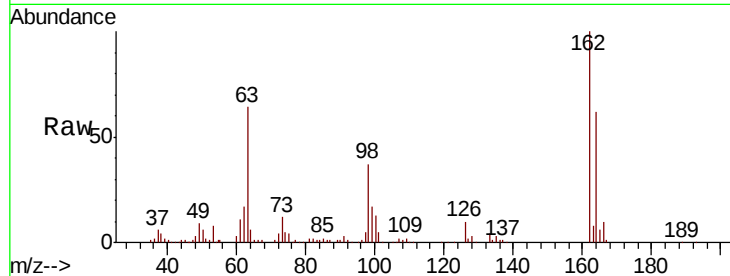




#29  
2,4-Dichlorophenol  
Concen: 40.400 ng  
RT: 10.64 min Scan# 1285  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.1  | 48.1  | 88.1  |
| 98      | 36.5  | 18.1  | 58.1  |

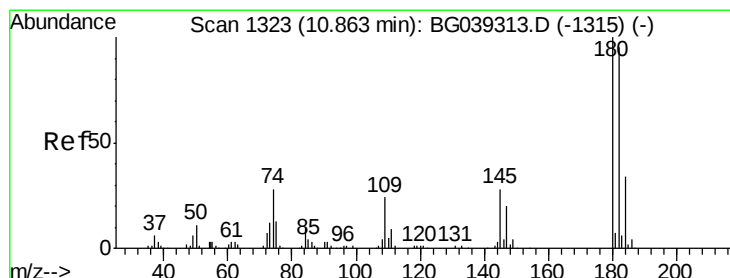
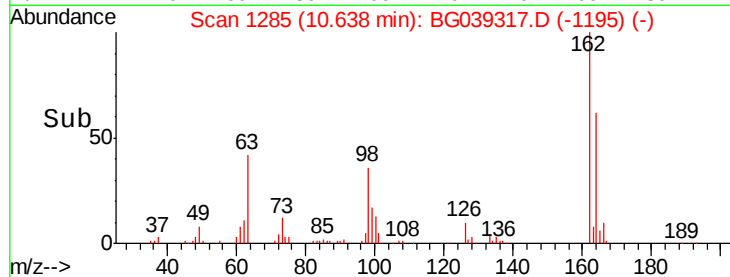
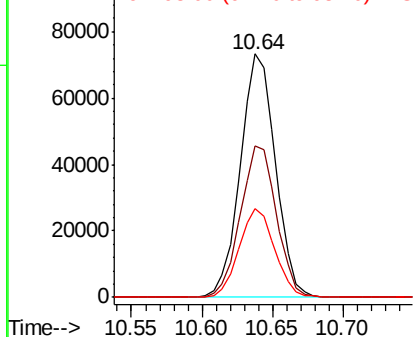


Abundance

Ion 162.00 (161.70 to 162.70): E

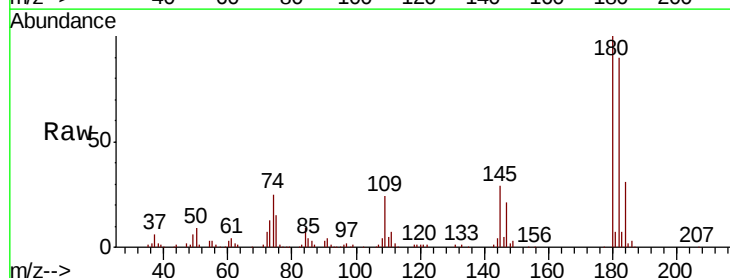
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BGC



#30  
1,2,4-Trichlorobenzene  
Concen: 39.996 ng  
RT: 10.86 min Scan# 1323  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 89.7  | 76.0  | 114.0 |
| 145     | 28.5  | 22.7  | 34.1  |

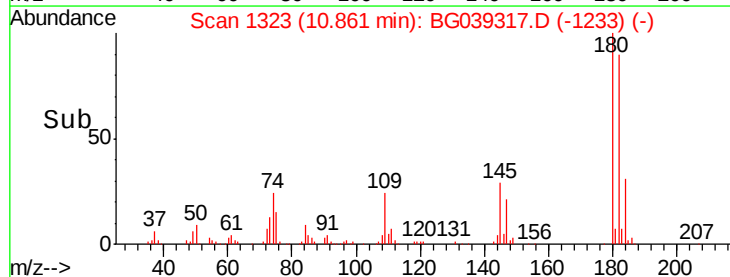
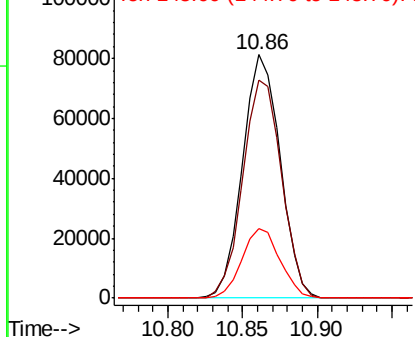


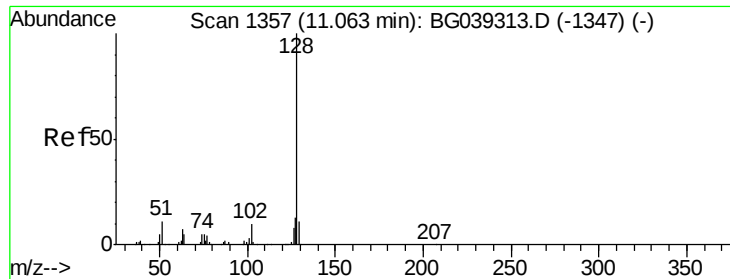
Abundance

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: 38.642 ng

RT: 11.06 min Scan# 1357

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

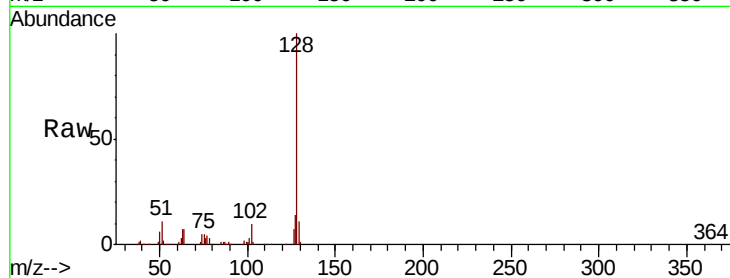
Tot Ion:128 Resp: 386089

Ion Ratio Lower Upper

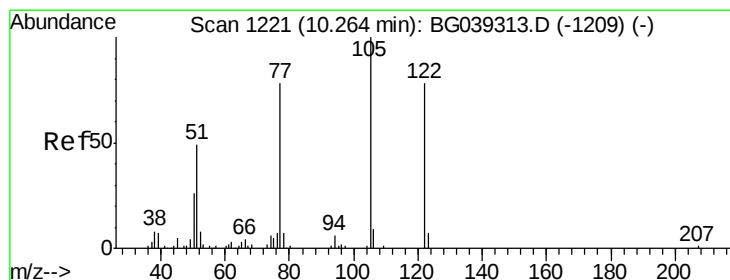
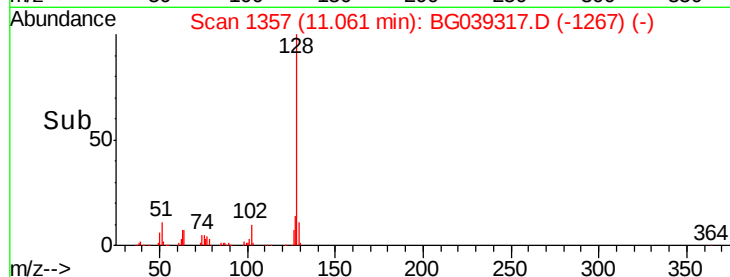
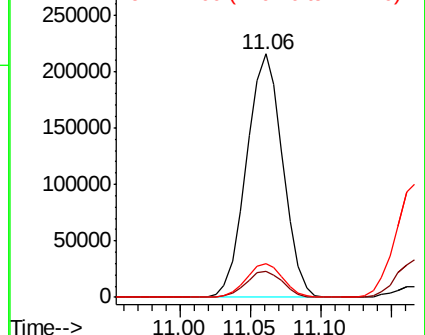
128 100

129 10.9 8.7 13.1

127 13.8 10.8 16.2



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: 41.517 ng

RT: 10.27 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

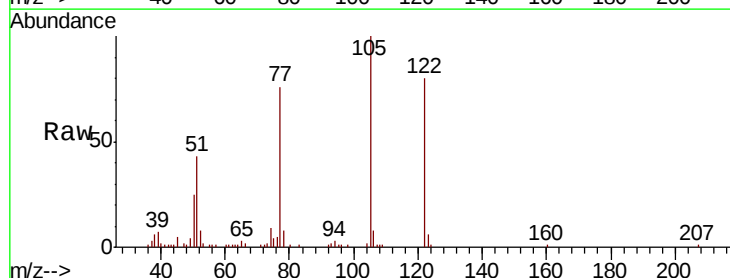
Tgt Ion:122 Resp: 75728

Ion Ratio Lower Upper

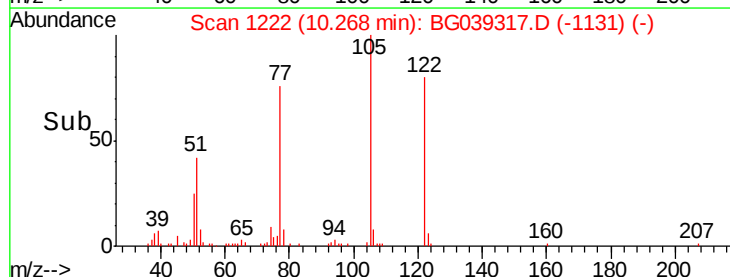
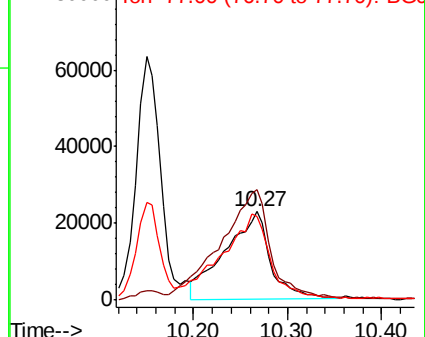
122 100

105 124.5 101.8 141.8

77 94.2 76.3 116.3



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

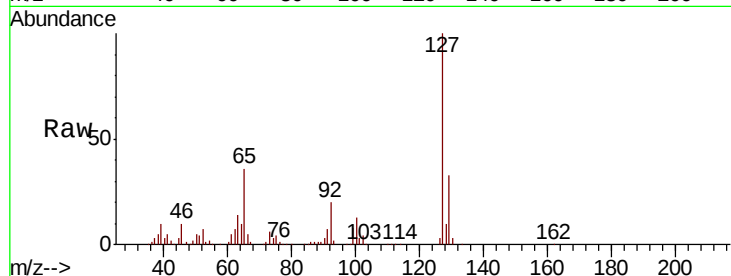




#33  
4-Chloroaniline  
Concen: 38.587 ng  
RT: 11.17 min Scan# 1375  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 178765 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.2  | 27.0  | 40.4   |
| 65       | 36.4  | 28.8  | 43.2   |
| 92       | 20.3  | 16.6  | 25.0   |



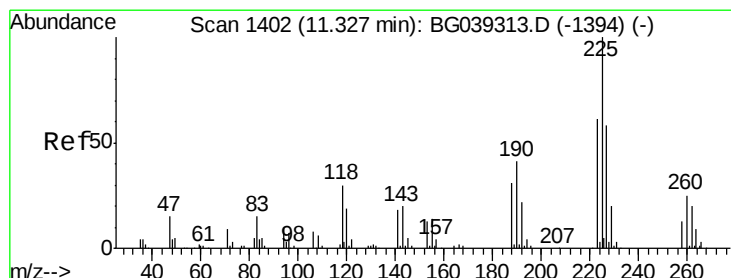
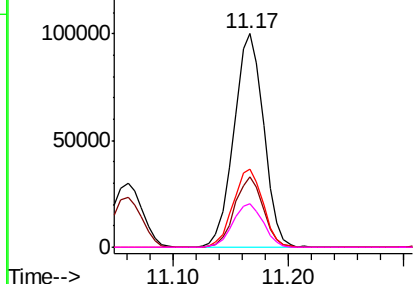
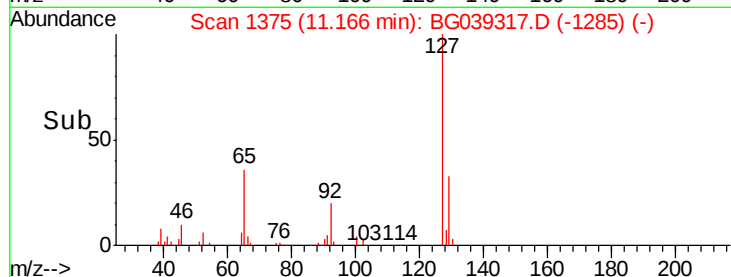
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

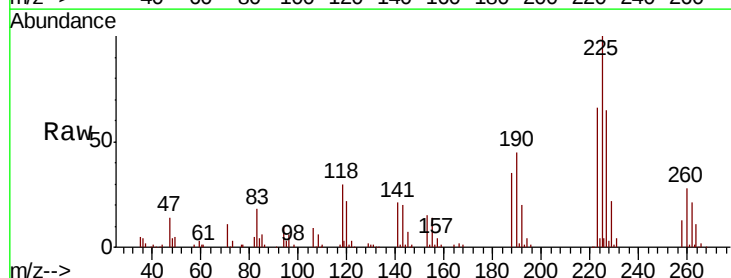
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 38.367 ng  
RT: 11.32 min Scan# 1402  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 90480 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 66.3  | 49.0  | 73.6  |
| 227      | 64.7  | 46.3  | 69.5  |

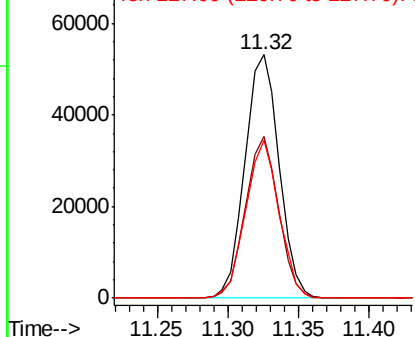
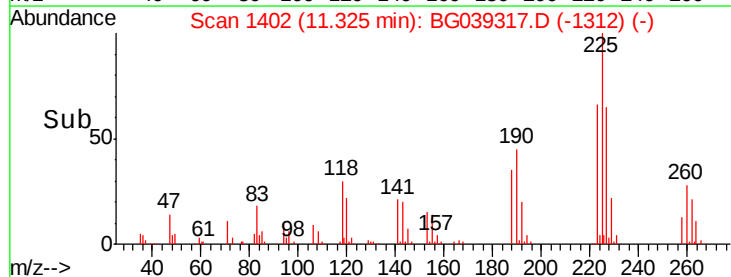


Abundance

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: 41.770 ng

RT: 11.96 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

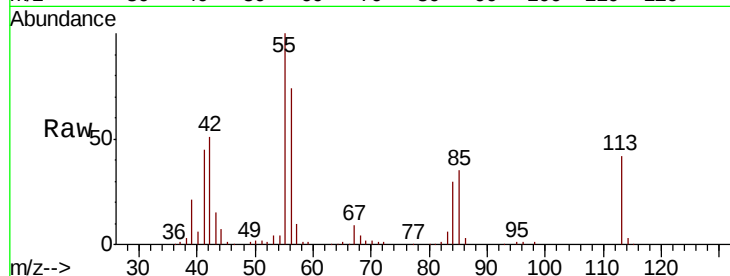
Tot Ion:113 Resp: 54595

Ion Ratio Lower Upper

113 100

55 240.6 216.9 256.9

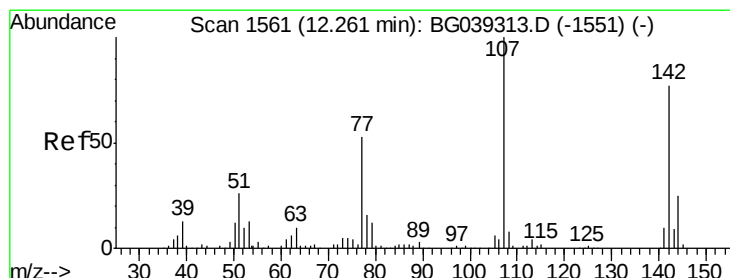
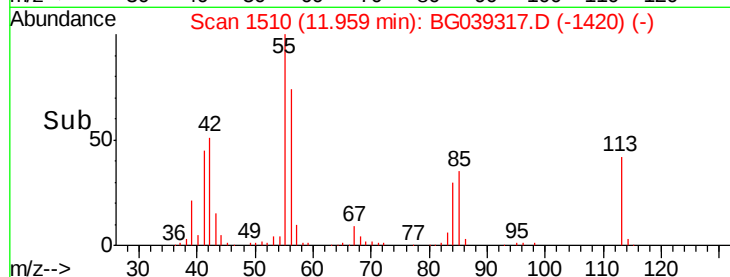
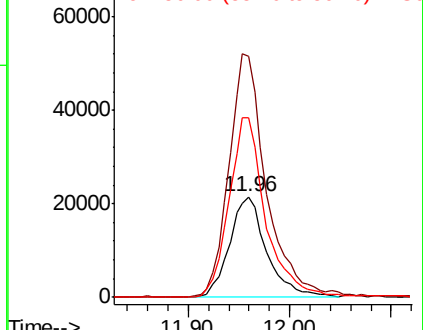
56 178.4 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 40.525 ng

RT: 12.26 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

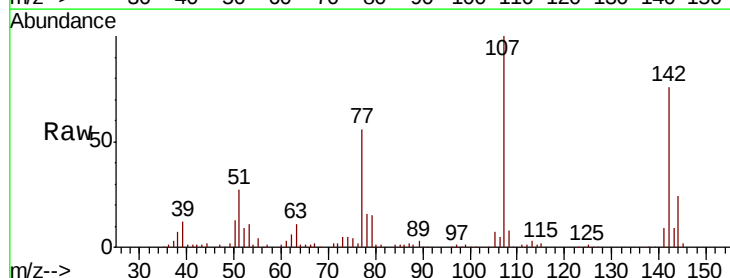
Tgt Ion:107 Resp: 148033

Ion Ratio Lower Upper

107 100

144 24.3 20.2 30.2

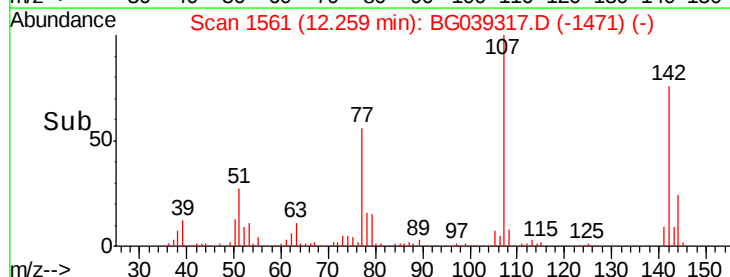
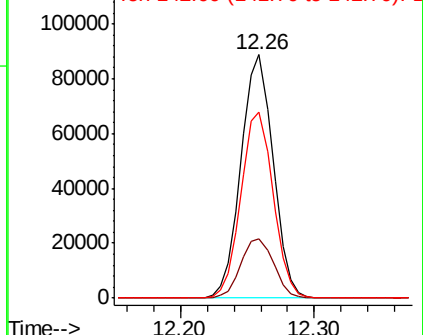
142 76.4 61.4 92.2



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

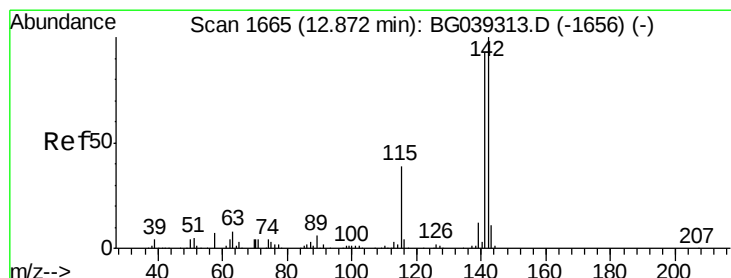
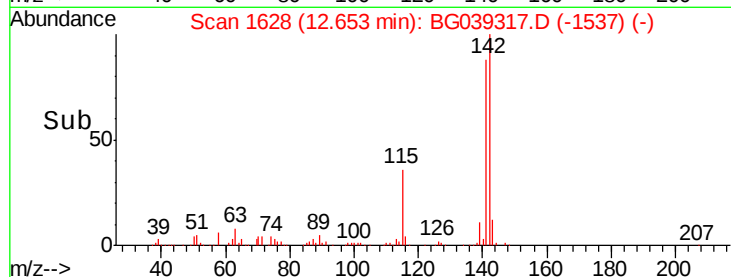
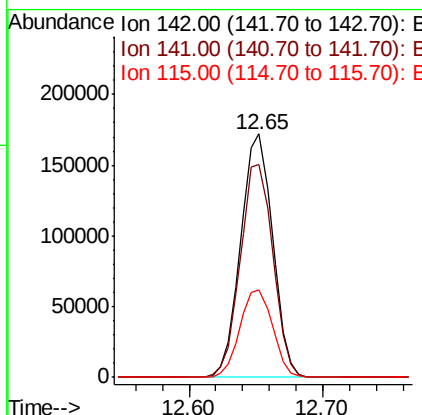
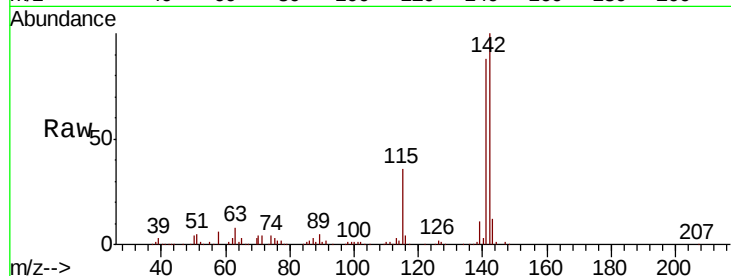




#37  
2-Methylnaphthalene  
Concen: 38.400 ng  
RT: 12.65 min Scan# 1628  
Delta R.T. 0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

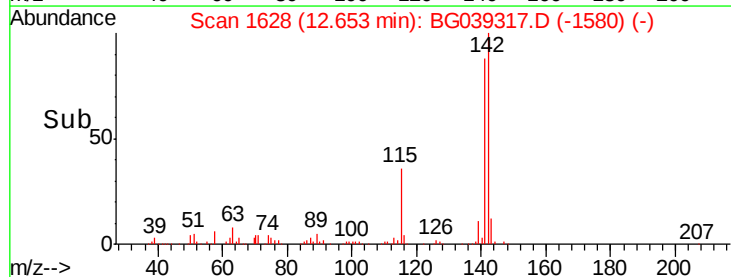
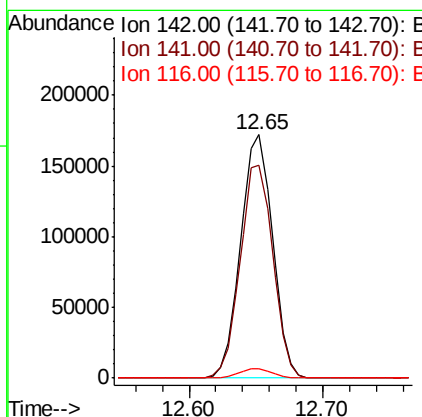
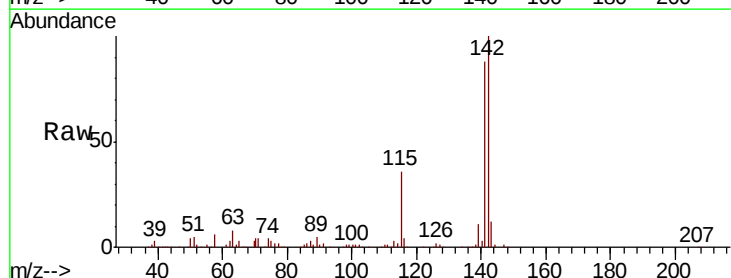
Instrument :  
BNA\_G  
ClientSampleId :

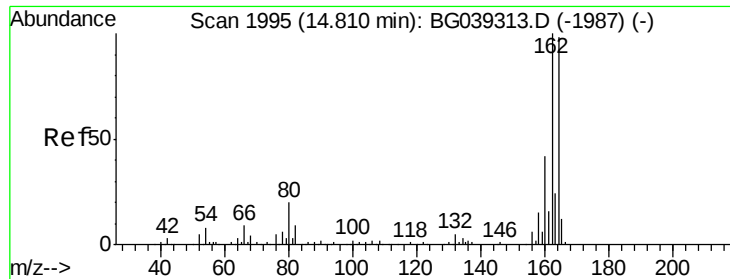
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.5  | 73.5  | 110.3 |
| 115     | 35.9  | 30.8  | 46.2  |



#38  
1-Methylnaphthalene  
Concen: 39.836 ng  
RT: 12.65 min Scan# 1628  
Delta R.T. -0.22 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.5  | 74.2  | 111.4 |
| 116     | 3.7   | 3.0   | 4.6   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampled :

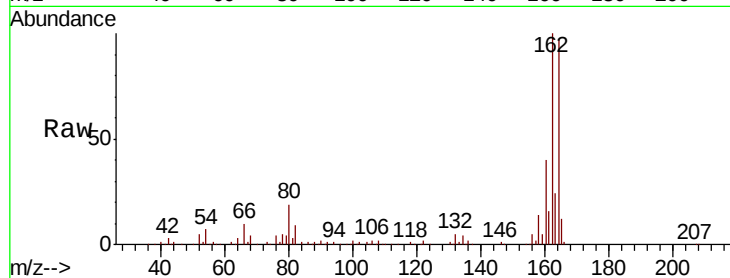
Tot Ion:164 Resp: 134598

Ion Ratio Lower Upper

164 100

162 103.0 81.6 122.4

160 41.5 34.2 51.2

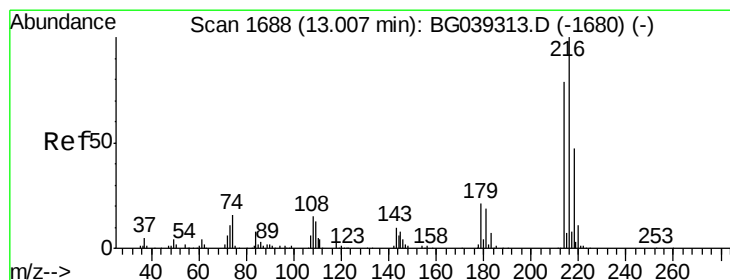
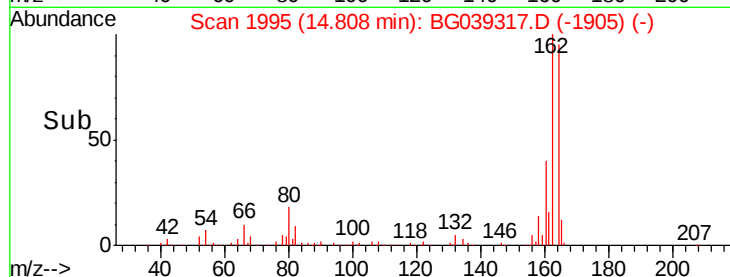
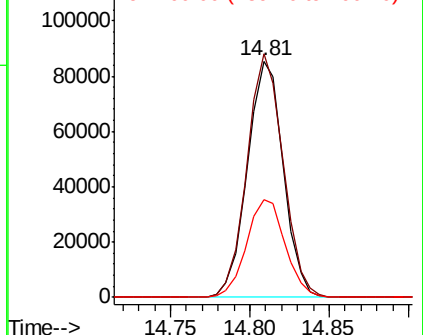


Abundance

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: 38.880 ng

RT: 13.01 min Scan# 1688

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion:216 Resp: 166506

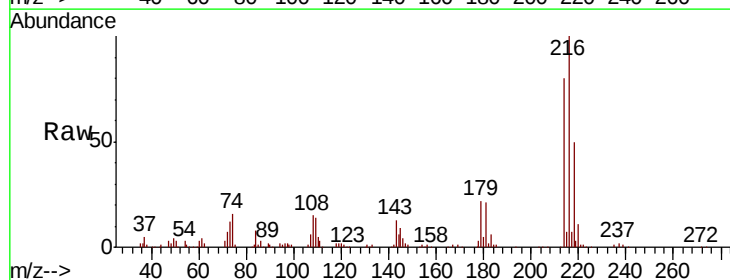
Ion Ratio Lower Upper

216 100

214 78.5 62.6 94.0

179 21.2 16.6 25.0

108 17.9 14.0 21.0



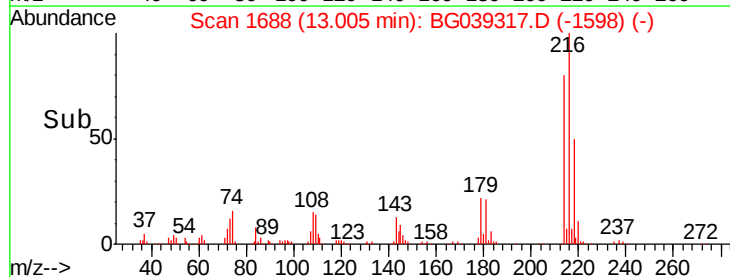
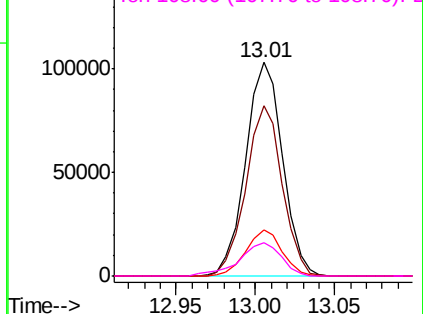
Abundance

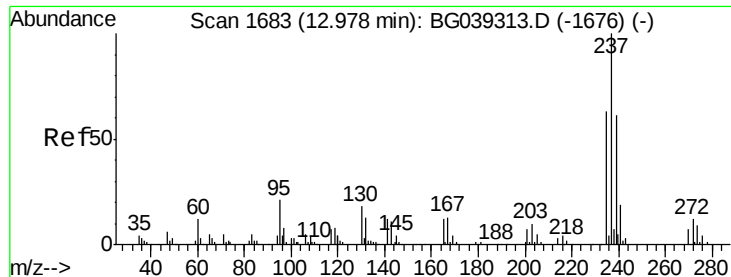
Ion 216.00 (215.70 to 216.70): E

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: 39.212 ng

RT: 12.98 min Scan# 1683

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

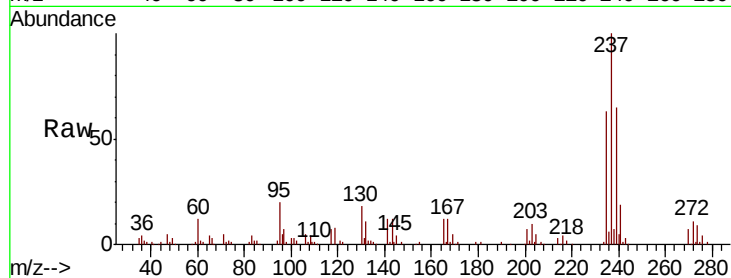
Tot Ion:237 Resp: 91506

Ion Ratio Lower Upper

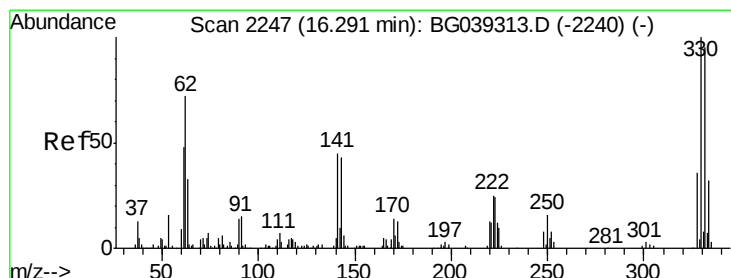
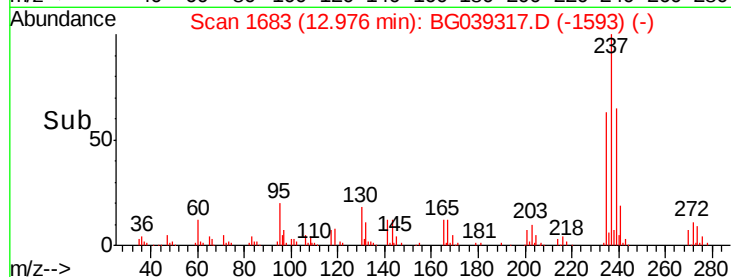
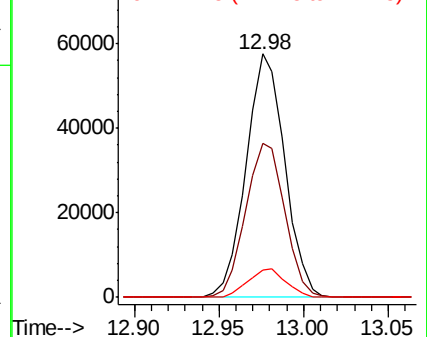
237 100

235 63.4 43.3 83.3

272 11.1 0.0 32.3



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: 82.567 ng

RT: 16.29 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

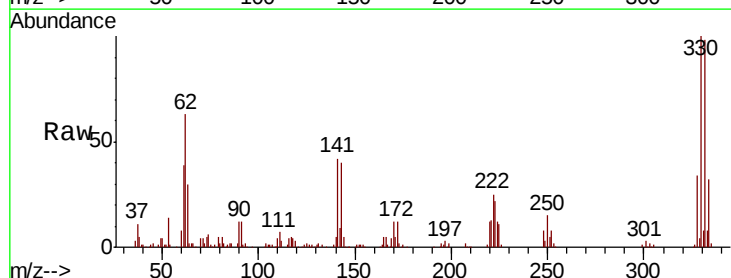
Tgt Ion:330 Resp: 119672

Ion Ratio Lower Upper

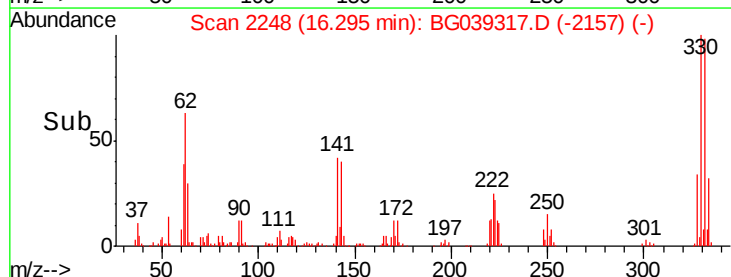
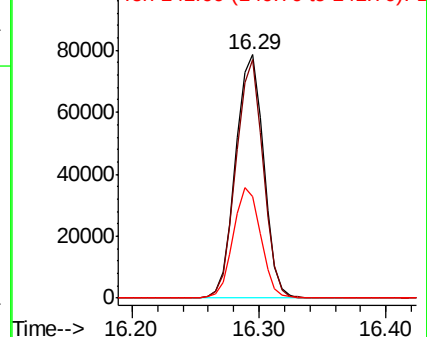
330 100

332 94.9 75.7 113.5

141 44.8 35.6 53.4



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

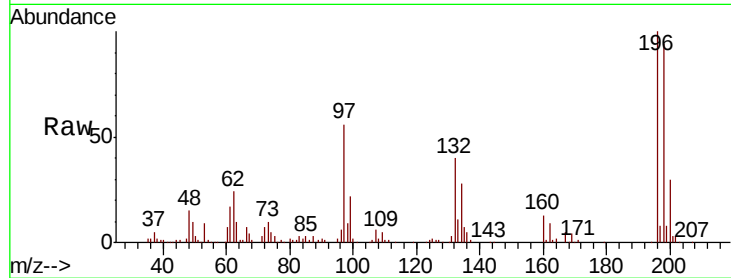




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.461 ng  
 RT: 13.24 min Scan# 1728  
 Delta R.T. -0.00 min  
 Lab File: BG039317.D  
 Acq: 29 Jan 2019 15:04

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.0  | 80.6  | 121.0 |
| 200     | 30.2  | 26.1  | 39.1  |

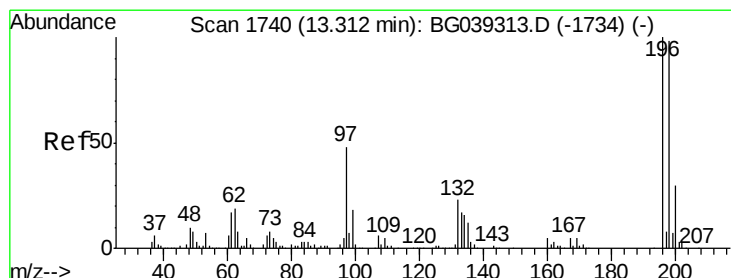
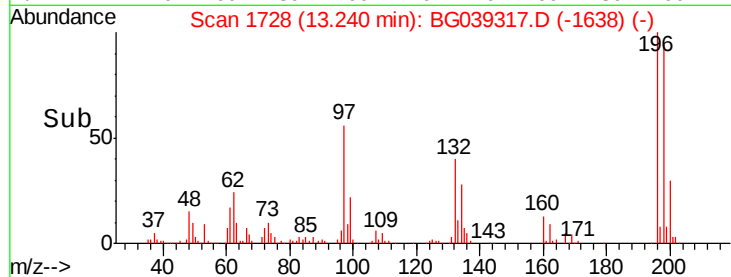
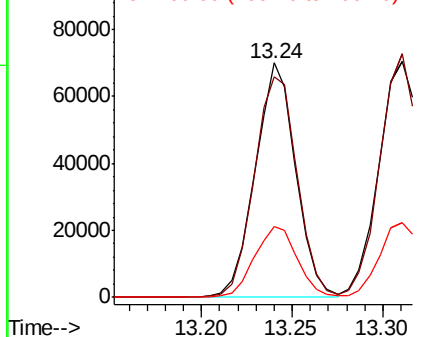


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44  
 2,4,5-Trichlorophenol  
 Concen: 41.436 ng  
 RT: 13.31 min Scan# 1740  
 Delta R.T. -0.00 min  
 Lab File: BG039317.D  
 Acq: 29 Jan 2019 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 103.0 | 78.5  | 117.7 |
| 97      | 51.0  | 38.4  | 57.6  |
| 132     | 27.9  | 19.2  | 28.8  |

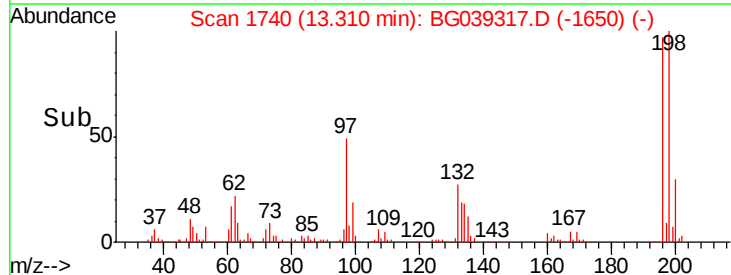
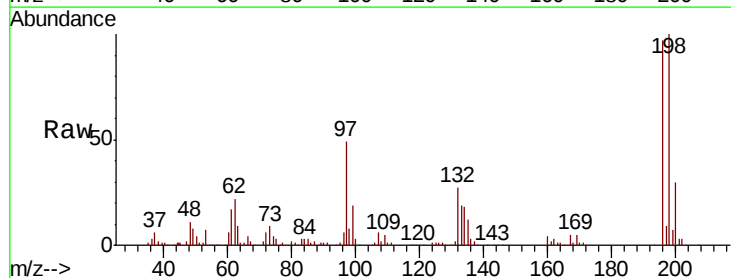
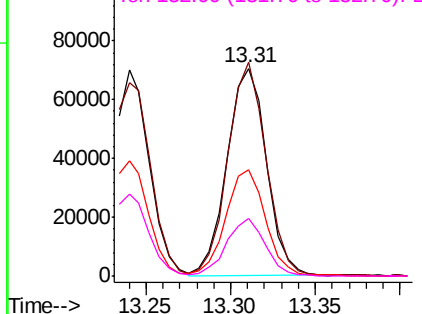
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

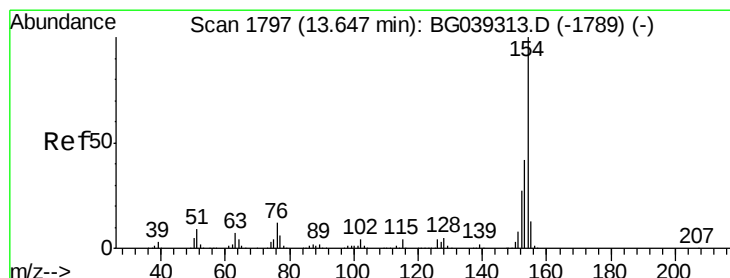
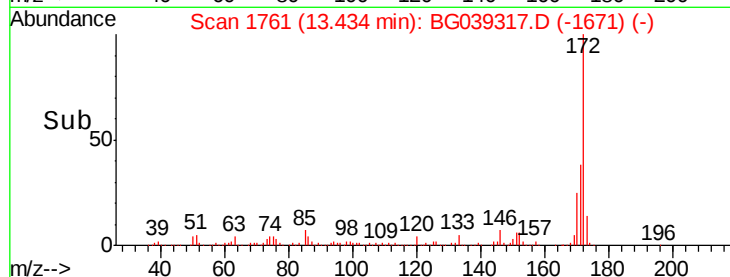
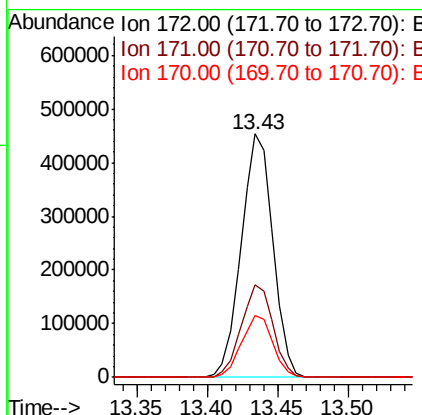
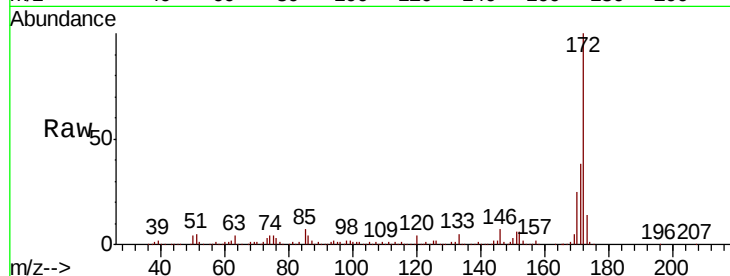




#45  
 2-Fluorobiphenyl  
 Concen: 75.662 ng  
 RT: 13.43 min Scan# 1761  
 Delta R.T. -0.00 min  
 Lab File: BG039317.D  
 Acq: 29 Jan 2019 15:04

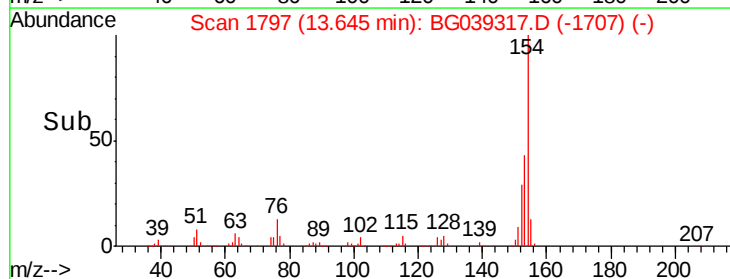
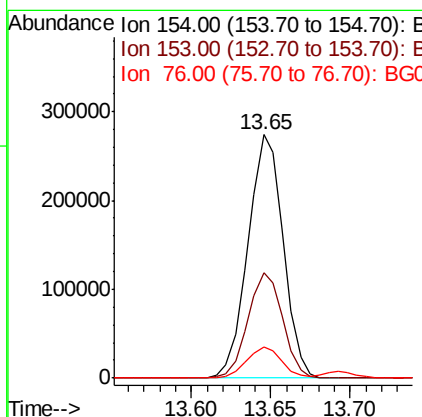
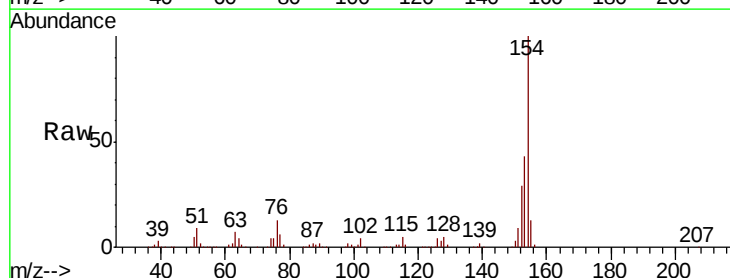
Instrument :  
 BNA\_G  
 ClientSampleId :

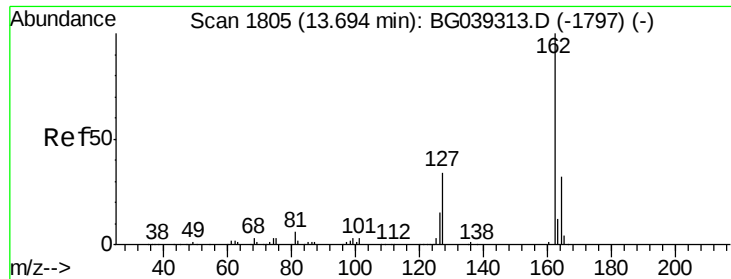
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.1  | 30.8  | 46.2  |
| 170     | 25.2  | 20.2  | 30.4  |



#46  
 1,1'-Biphenyl  
 Concen: 37.716 ng  
 RT: 13.65 min Scan# 1797  
 Delta R.T. -0.00 min  
 Lab File: BG039317.D  
 Acq: 29 Jan 2019 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.4  | 22.1  | 62.1  |
| 76      | 12.7  | 0.0   | 32.4  |





#47

2-Chloronaphthalene

Concen: 38.420 ng

RT: 13.69 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

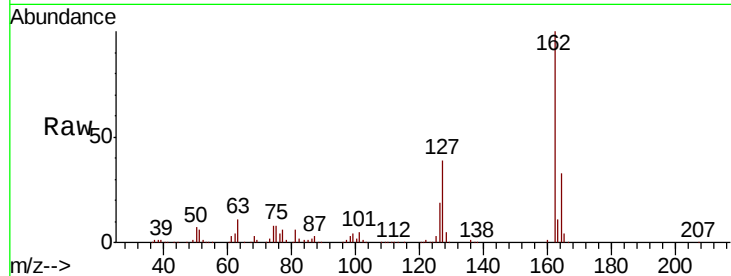
Tot Ion:162 Resp: 323680

Ion Ratio Lower Upper

162 100

127 38.6 31.0 46.6

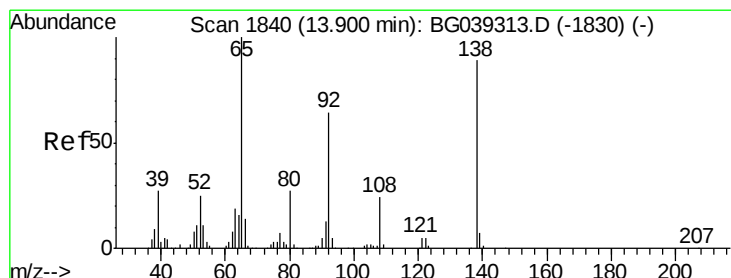
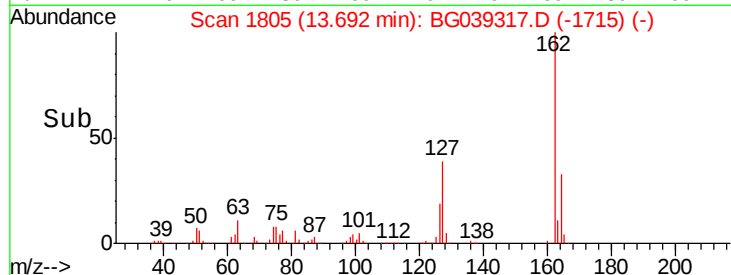
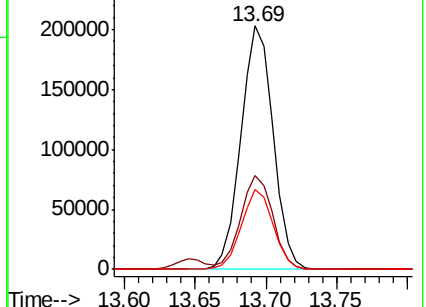
164 32.7 25.7 38.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 42.316 ng

RT: 13.90 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

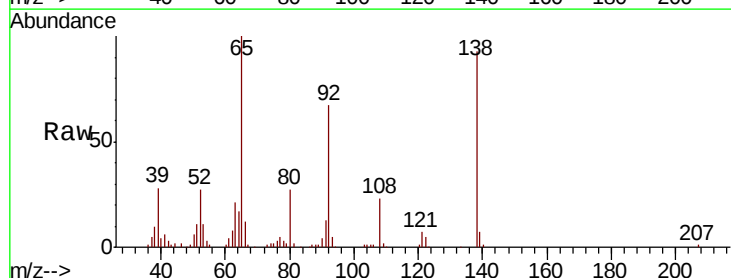
Tgt Ion: 65 Resp: 99535

Ion Ratio Lower Upper

65 100

92 66.5 51.4 77.2

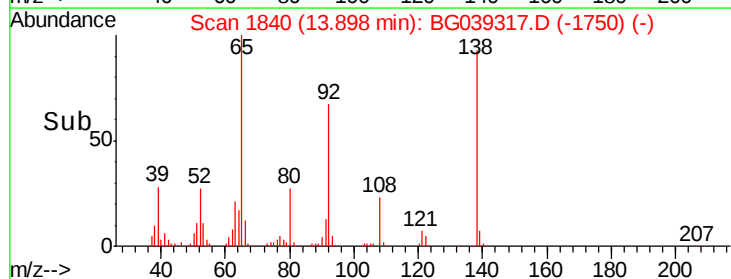
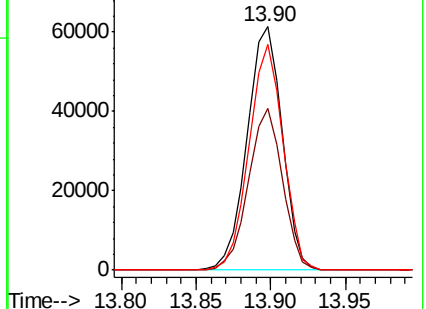
138 92.6 71.4 107.2

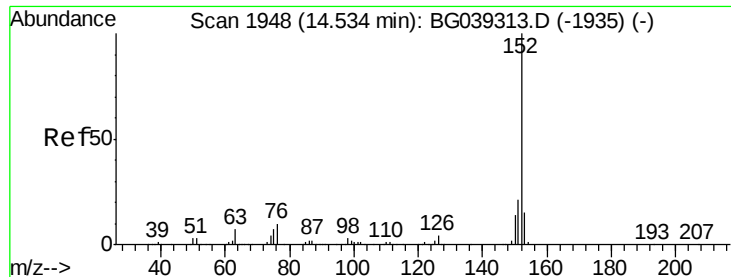


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.775 ng

RT: 14.54 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

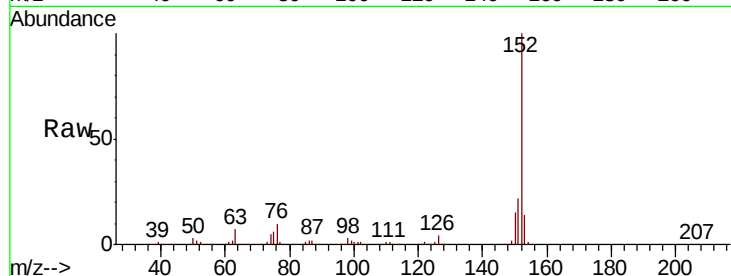
Tot Ion:152 Resp: 492909

Ion Ratio Lower Upper

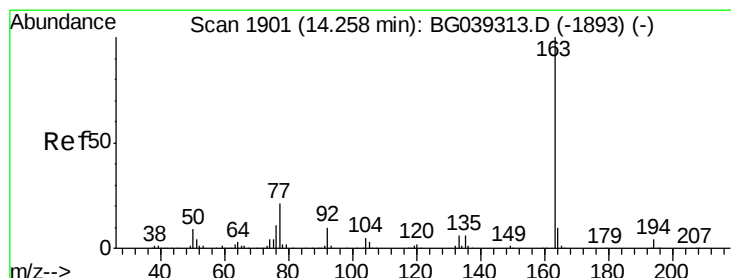
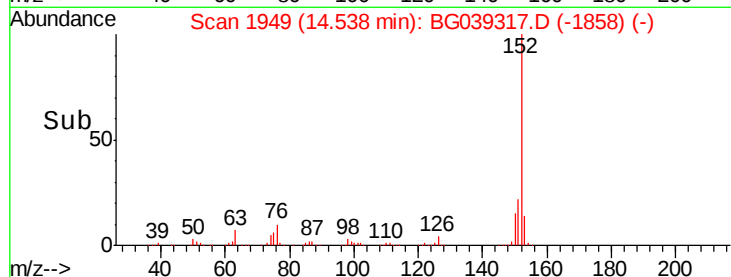
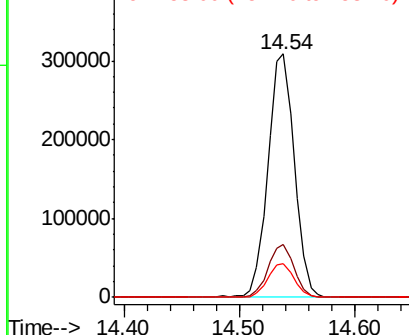
152 100

151 21.6 16.8 25.2

153 14.0 11.7 17.5



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: 39.056 ng

RT: 14.26 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

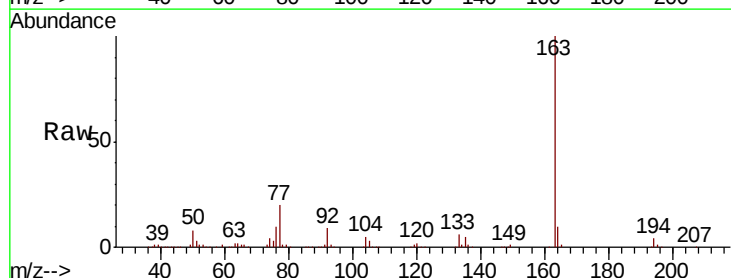
Tgt Ion:163 Resp: 424562

Ion Ratio Lower Upper

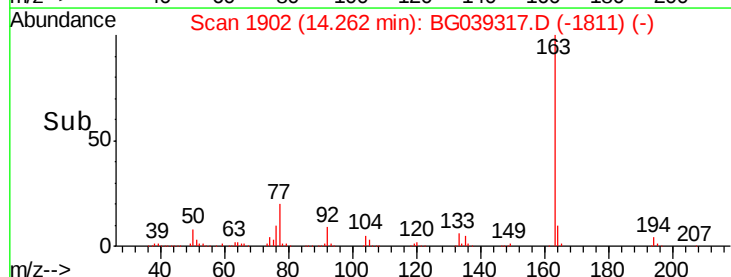
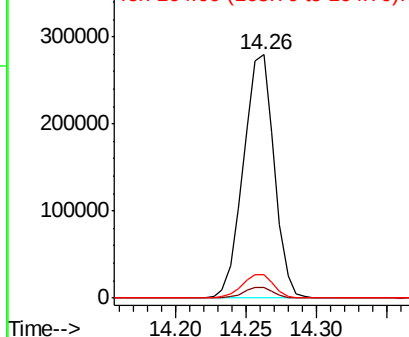
163 100

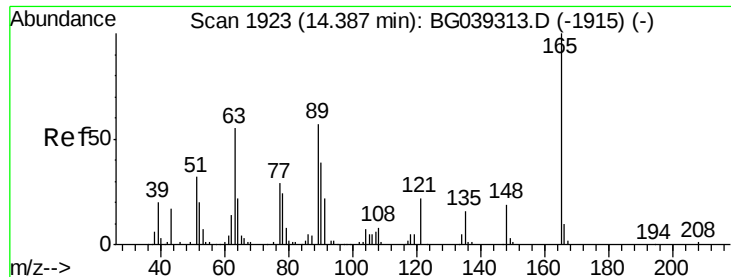
194 4.5 3.6 5.4

164 9.7 8.4 12.6



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: 41.953 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

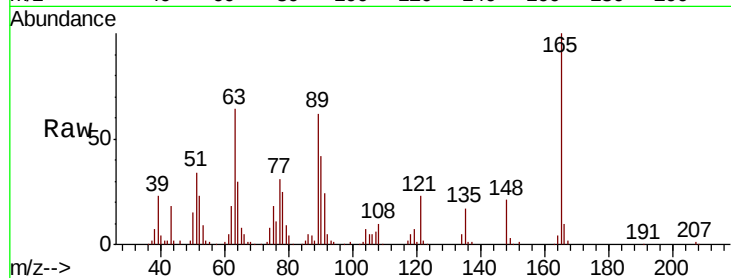
Tot Ion:165 Resp: 83290

Ion Ratio Lower Upper

165 100

63 63.7 47.0 70.6

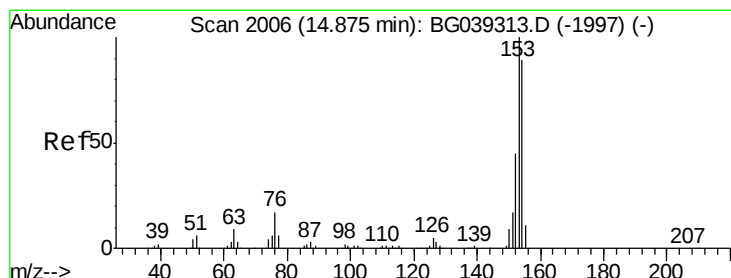
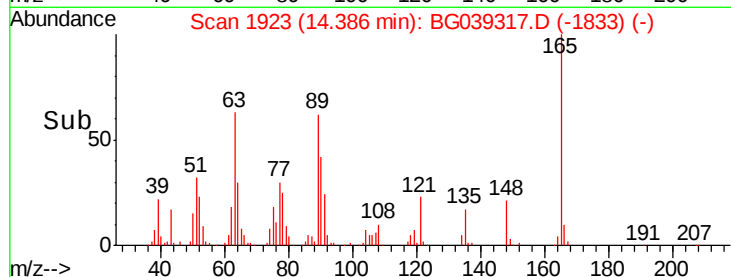
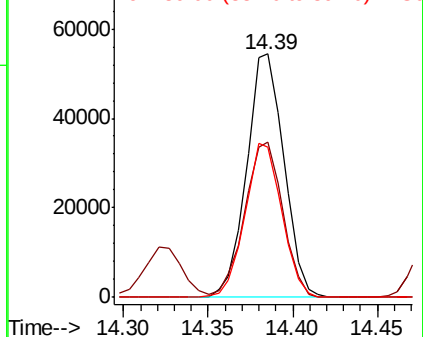
89 61.9 45.8 68.8



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: 39.470 ng

RT: 14.87 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

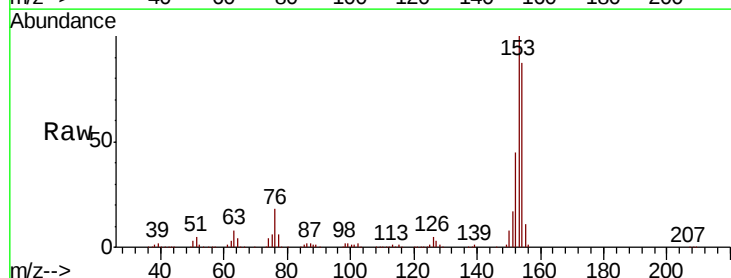
Tgt Ion:154 Resp: 325697

Ion Ratio Lower Upper

154 100

153 115.2 90.1 135.1

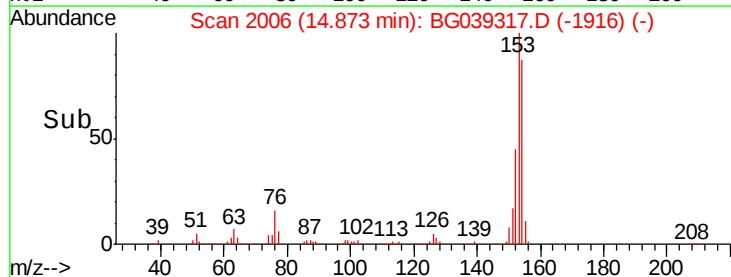
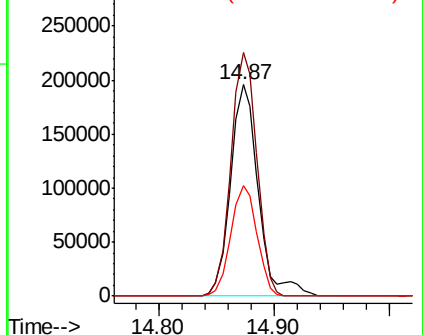
152 52.1 40.9 61.3



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

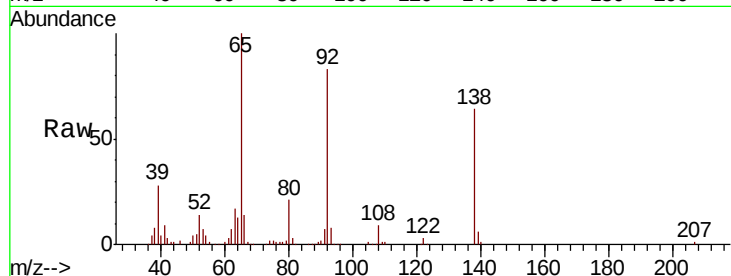




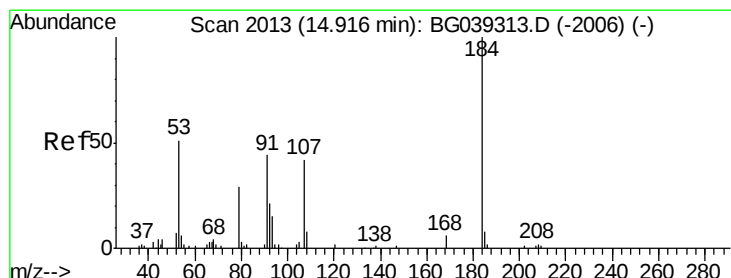
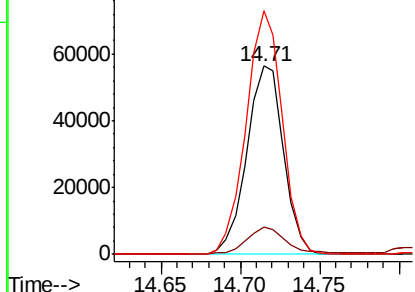
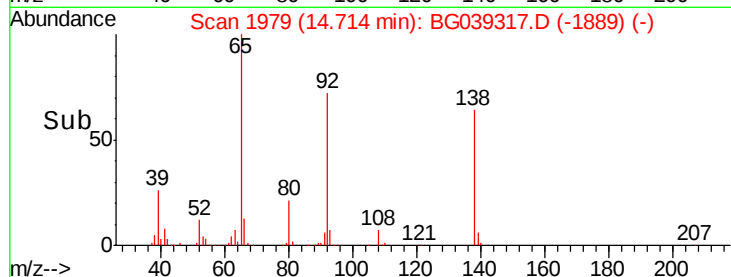
#53  
 3-Nitroaniline  
 Concen: 42.162 ng  
 RT: 14.71 min Scan# 1979  
 Delta R.T. -0.00 min  
 Lab File: BG039317.D  
 Acq: 29 Jan 2019 15:04

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:138 Resp: 90672  
 Ion Ratio Lower Upper  
 138 100  
 108 14.5 13.8 20.8  
 92 129.4 103.7 155.5

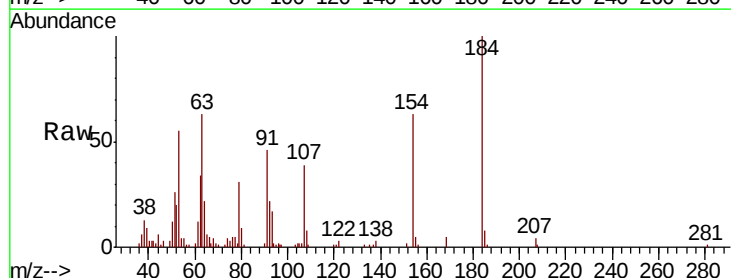


Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 92.00 (91.70 to 92.70): BGC

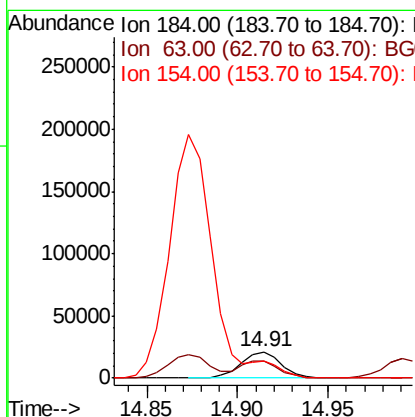
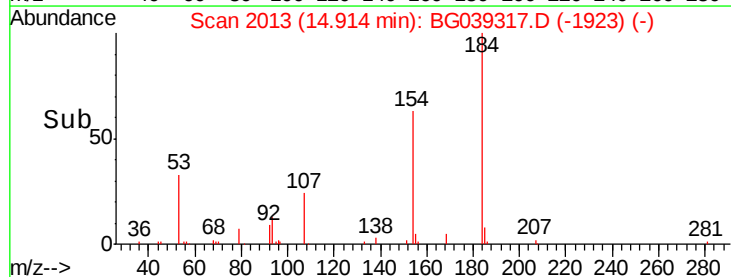


#54  
 2,4-Dinitrophenol  
 Concen: 45.263 ng  
 RT: 14.91 min Scan# 1213  
 Delta R.T. -0.00 min  
 Lab File: BG039317.D  
 Acq: 29 Jan 2019 15:04

Tgt Ion:184 Resp: 31844  
 Ion Ratio Lower Upper  
 184 100  
 63 63.1 50.9 76.3  
 154 63.0 53.0 79.6



Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 154.00 (153.70 to 154.70): E

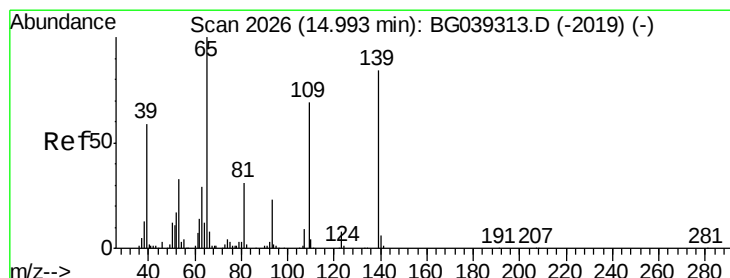
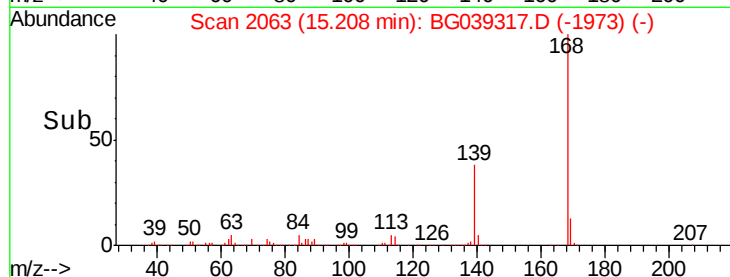
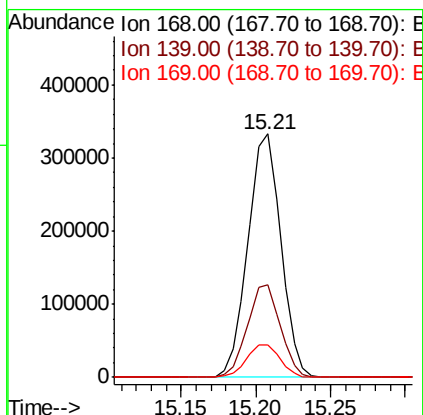
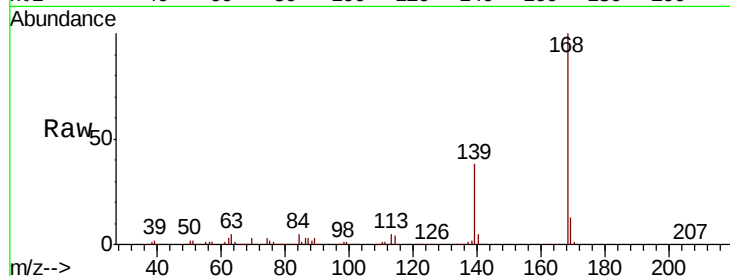




#55  
Dibenzofuran  
Concen: 38.368 ng  
RT: 15.21 min Scan# 2063  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

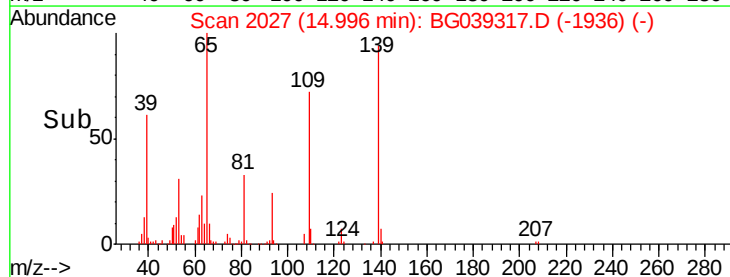
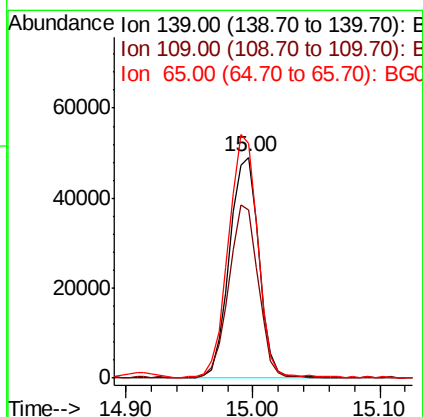
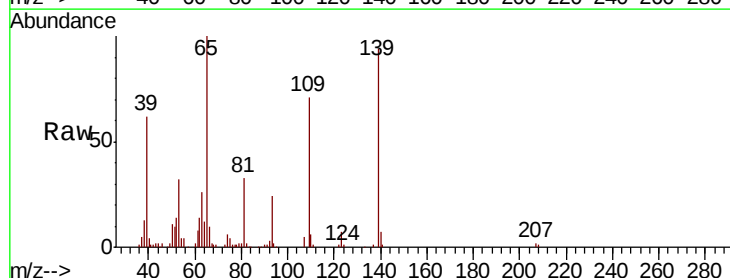
Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.0  | 30.1  | 45.1  |
| 169     | 13.4  | 10.6  | 16.0  |



#56  
4-Nitrophenol  
Concen: 42.632 ng  
RT: 15.00 min Scan# 2027  
Delta R.T. 0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 75.7  | 61.9  | 101.9 |
| 65      | 106.2 | 99.1  | 139.1 |

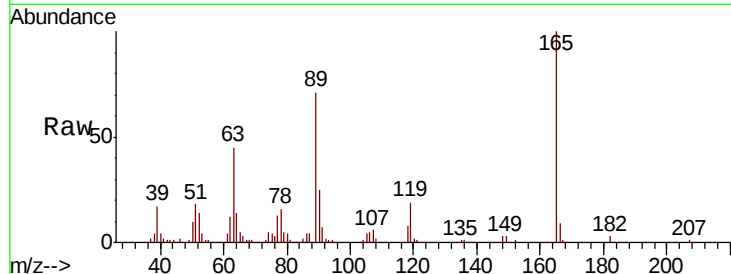




#57  
2,4-Dinitrotoluene  
Concen: 43.105 ng  
RT: 15.17 min Scan# 2056  
Delta R.T. 0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.1  | 41.0  | 61.6  |
| 89      | 70.6  | 64.6  | 96.8  |
| 182     | 3.2   | 2.0   | 3.0   |



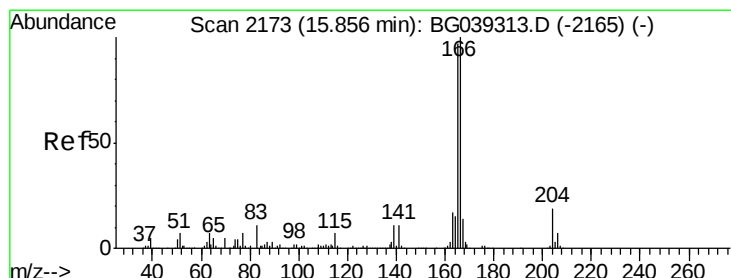
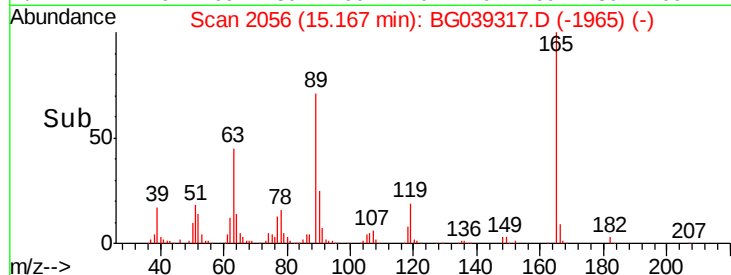
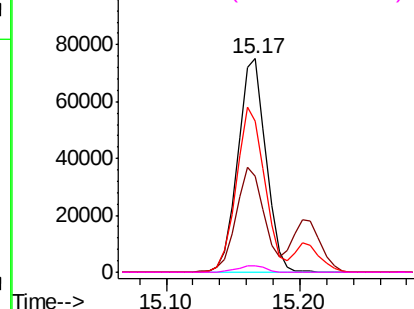
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

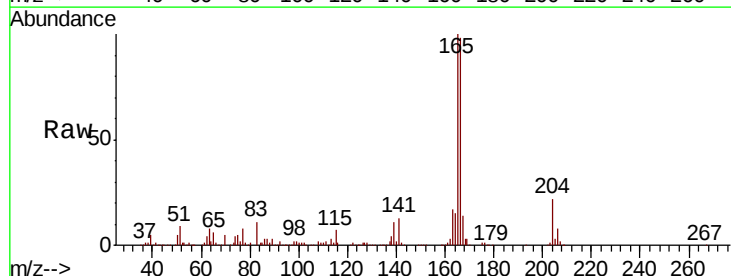
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 38.245 ng  
RT: 15.85 min Scan# 2173  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 102.0 | 77.9  | 116.9 |
| 167     | 14.0  | 10.8  | 16.2  |

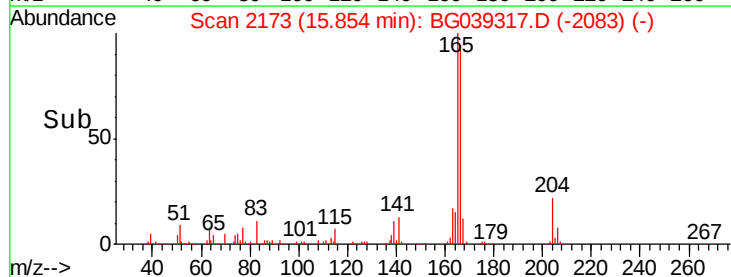
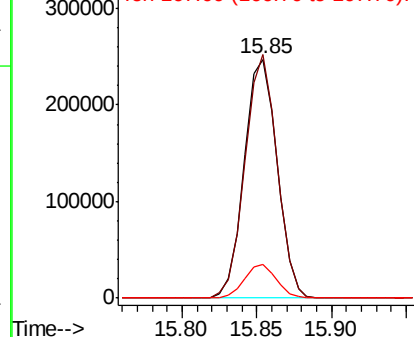


Abundance

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

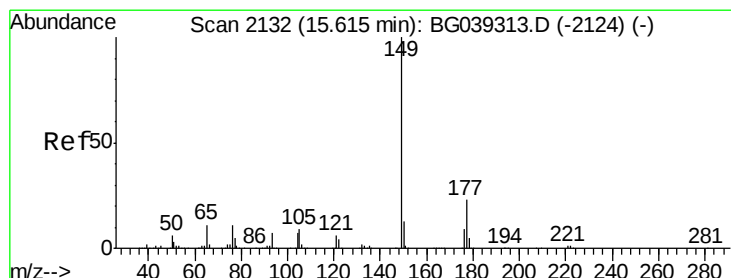
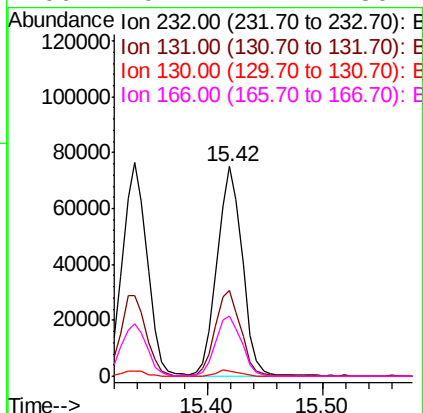
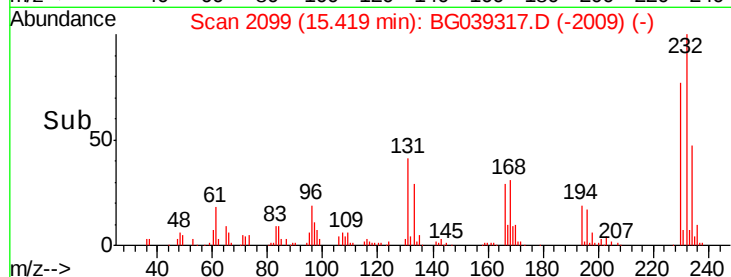
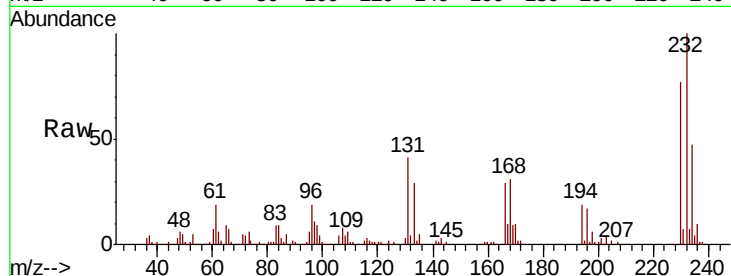




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.099 ng  
 RT: 15.42 min Scan# 2099  
 Delta R.T. -0.00 min  
 Lab File: BG039317.D  
 Acq: 29 Jan 2019 15:04

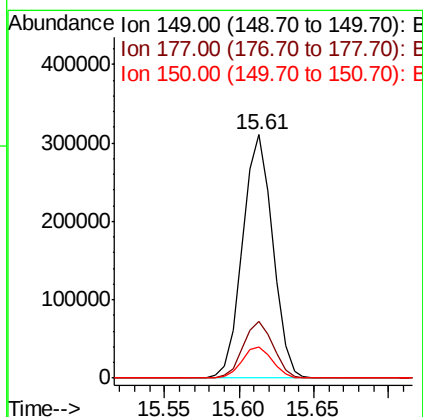
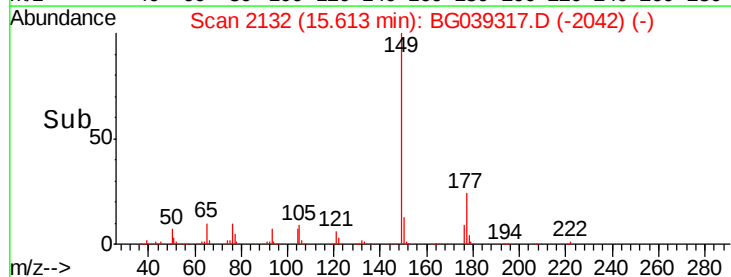
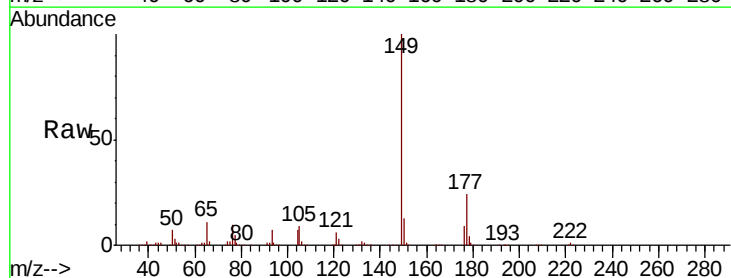
Instrument :  
 BNA\_G  
 ClientSampled :

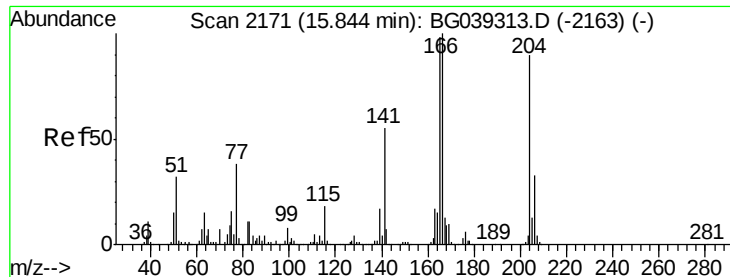
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 113951 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 41.6  | 34.9  | 52.3   |
| 130      | 2.7   | 2.0   | 3.0    |
| 166      | 29.2  | 24.1  | 36.1   |



#60  
 Diethylphthalate  
 Concen: 38.508 ng  
 RT: 15.61 min Scan# 2132  
 Delta R.T. -0.00 min  
 Lab File: BG039317.D  
 Acq: 29 Jan 2019 15:04

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 432815 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.5  | 18.3  | 27.5   |
| 150      | 12.6  | 10.2  | 15.2   |

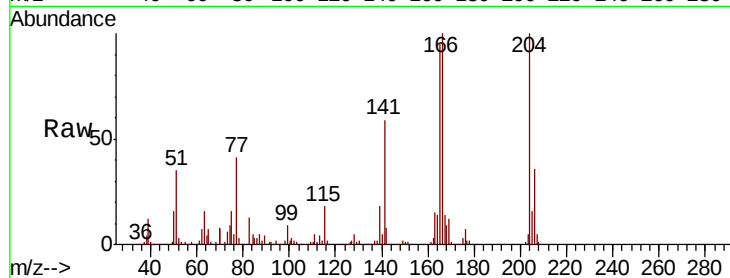




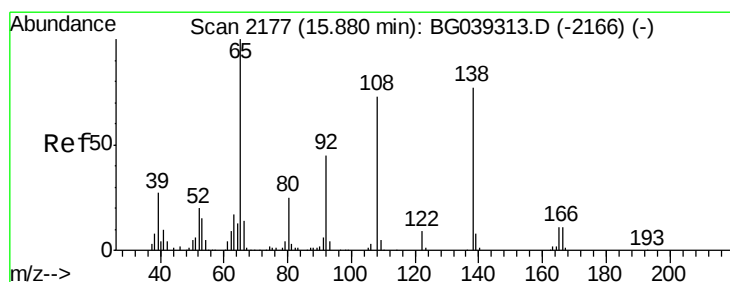
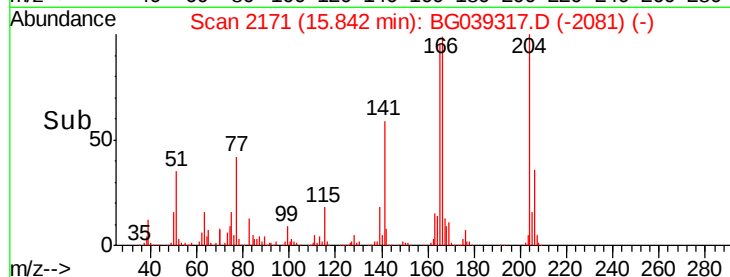
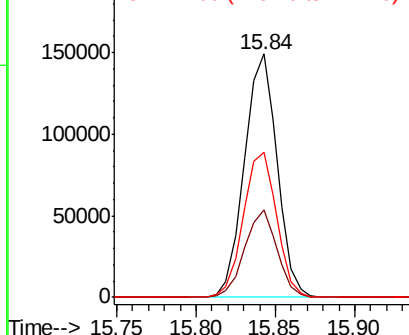
#61  
4-Chlorophenyl-phenylether  
Concen: 38.277 ng  
RT: 15.84 min Scan# 2171  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 35.7  | 29.2  | 43.8  |
| 141     | 59.4  | 49.0  | 73.4  |

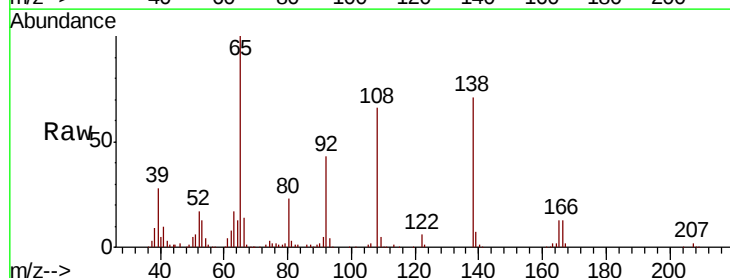


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

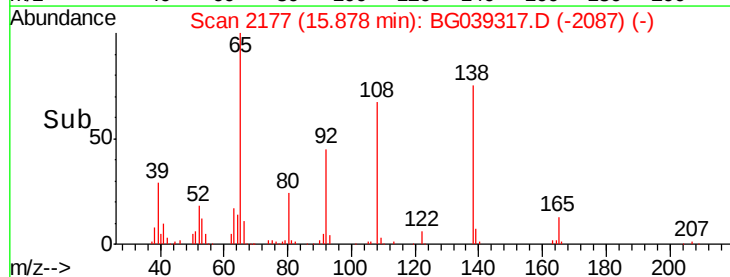
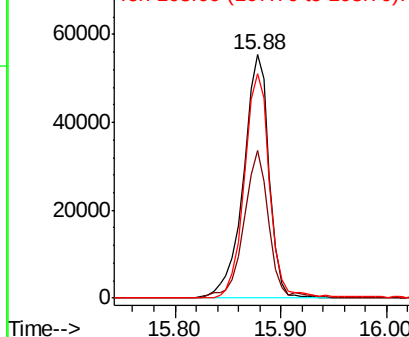


#62  
4-Nitroaniline  
Concen: 41.551 ng  
RT: 15.88 min Scan# 2177  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 60.4  | 38.7  | 78.7  |
| 108     | 92.0  | 74.6  | 114.6 |



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

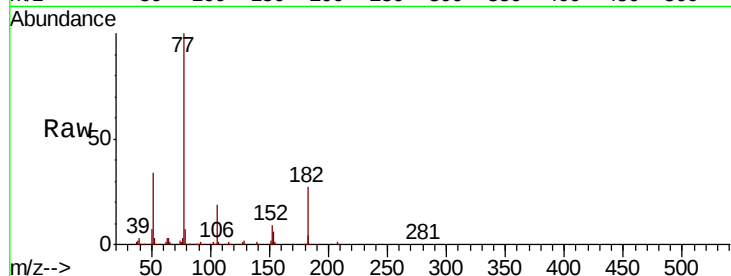




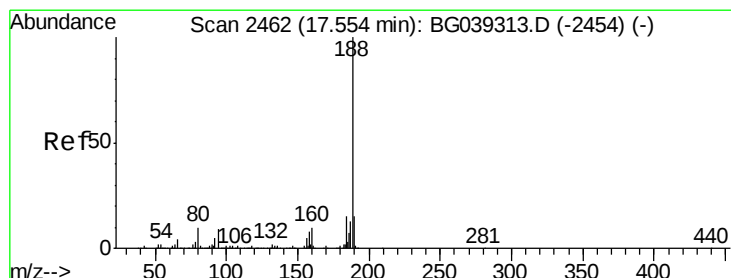
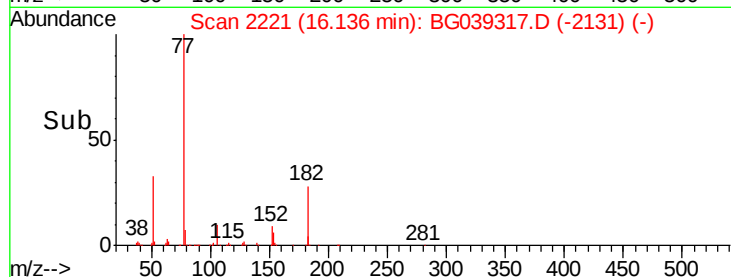
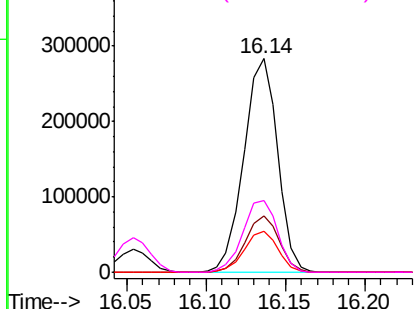
#63  
Azobenzene  
Concen: 38.101 ng  
RT: 16.14 min Scan# 2221  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 26.5  | 6.4   | 46.4  |
| 105     | 19.1  | 0.0   | 39.8  |
| 51      | 33.8  | 14.1  | 54.1  |

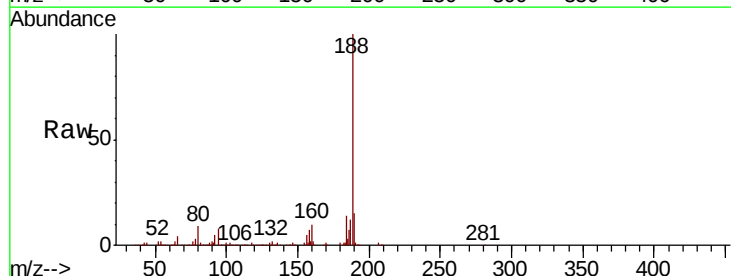


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

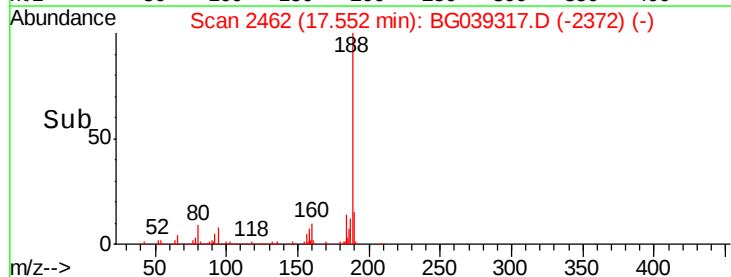
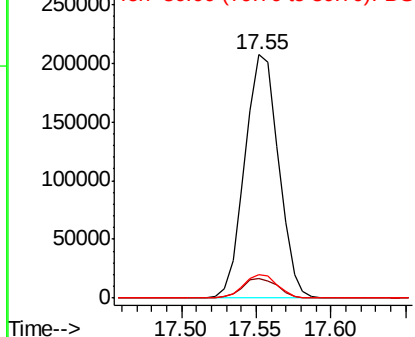


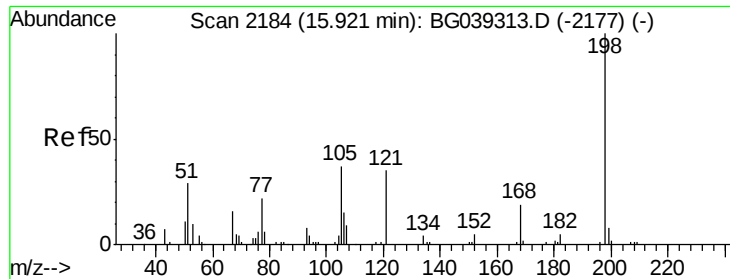
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.55 min Scan# 2462  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.0   | 6.9   | 10.3  |
| 80      | 9.4   | 8.1   | 12.1  |



Abundance Ion 188.00 (187.70 to 188.70): BGC  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC

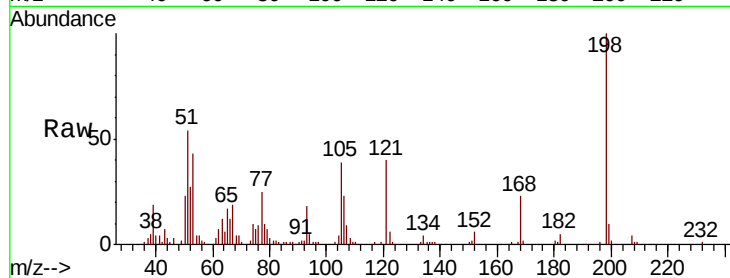




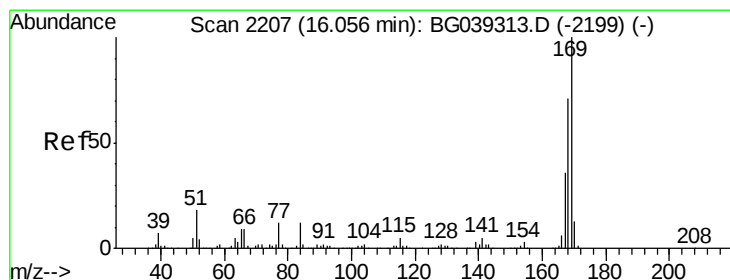
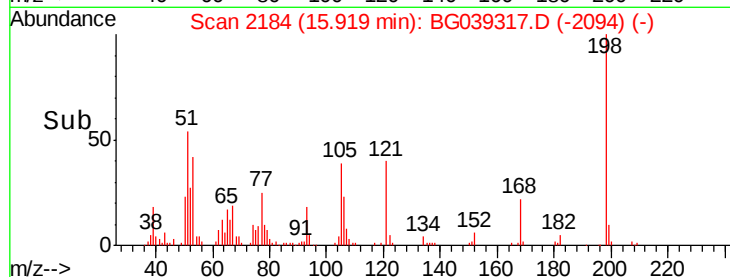
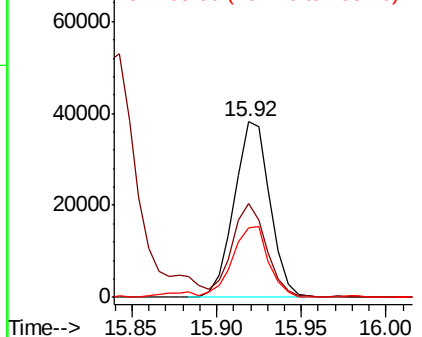
#65  
4,6-Dinitro-2-methylphenol  
Concen: 45.118 ng  
RT: 15.92 min Scan# 2184  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 53.5  | 27.4  | 67.4  |
| 105     | 39.5  | 19.7  | 59.7  |

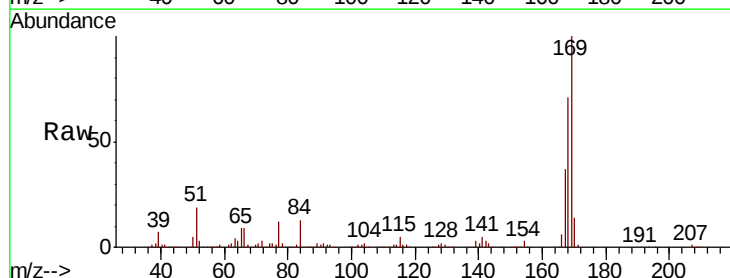


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E

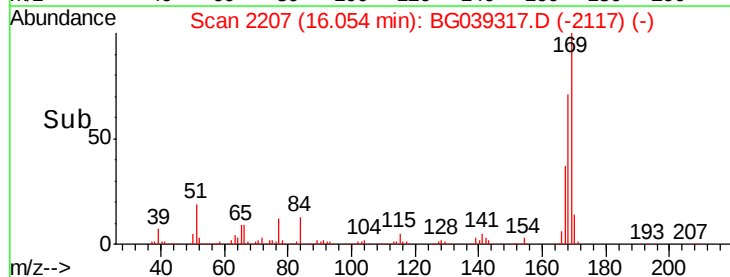
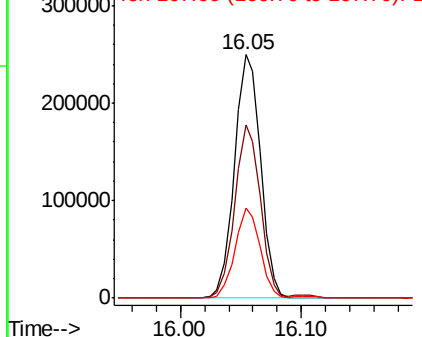


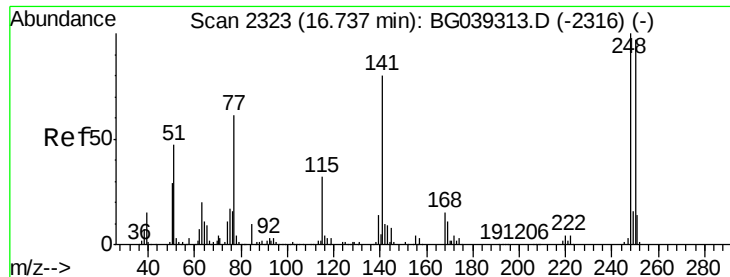
#66  
n-Nitrosodiphenylamine  
Concen: 38.160 ng  
RT: 16.05 min Scan# 2207  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 71.1  | 56.6  | 85.0  |
| 167     | 36.7  | 28.8  | 43.2  |



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

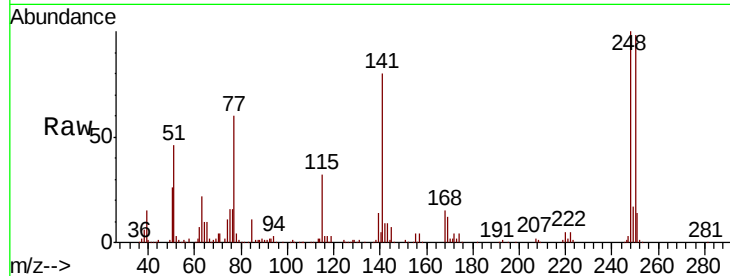




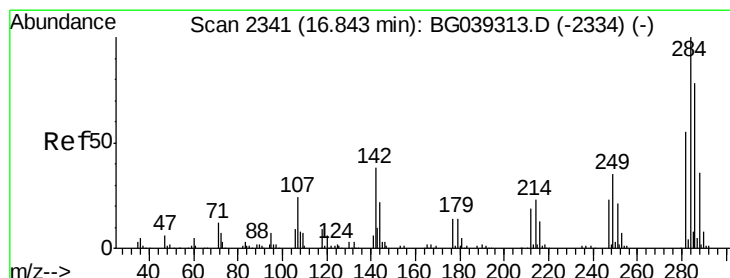
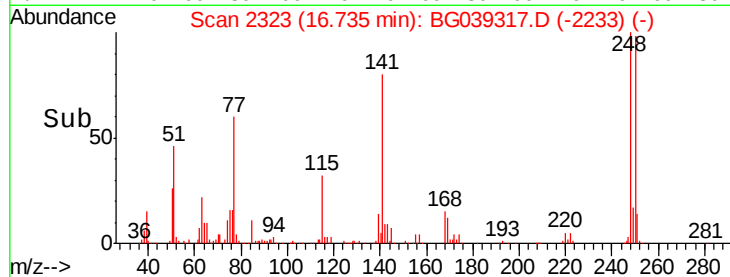
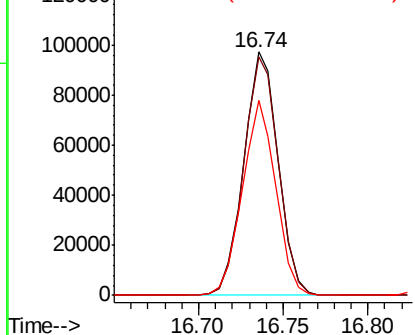
#67  
 4-Bromophenyl-phenylether  
 Concen: 38.408 ng  
 RT: 16.74 min Scan# 2323  
 Delta R.T. -0.00 min  
 Lab File: BG039317.D  
 Acq: 29 Jan 2019 15:04

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:248 Resp: 137854  
 Ion Ratio Lower Upper  
 248 100  
 250 98.1 77.6 116.4  
 141 80.2 63.9 95.9

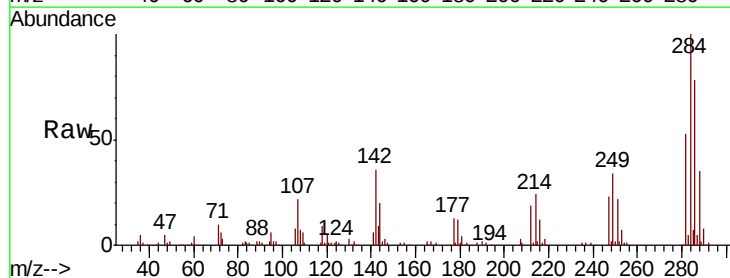


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

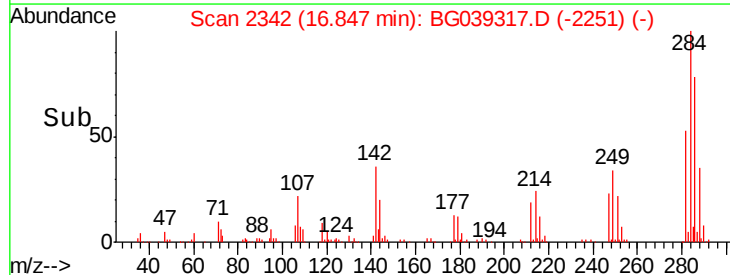
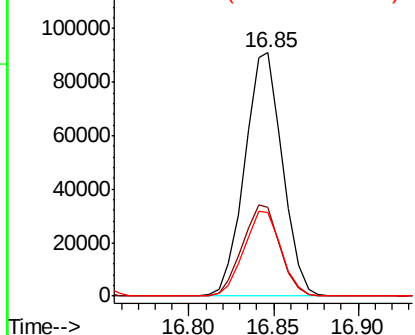


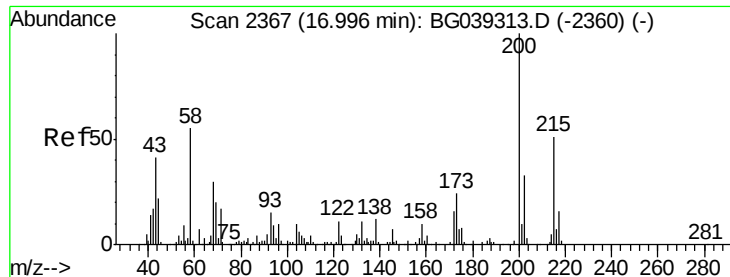
#68  
 Hexachlorobenzene  
 Concen: 39.002 ng  
 RT: 16.85 min Scan# 2342  
 Delta R.T. 0.00 min  
 Lab File: BG039317.D  
 Acq: 29 Jan 2019 15:04

Tgt Ion:284 Resp: 140446  
 Ion Ratio Lower Upper  
 284 100  
 142 36.5 30.6 45.8  
 249 34.5 28.2 42.2



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: 38.802 ng

RT: 17.00 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

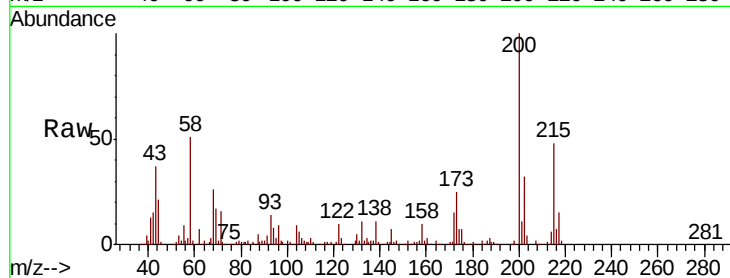
Tot Ion:200 Resp: 139493

Ion Ratio Lower Upper

200 100

173 25.4 3.9 43.9

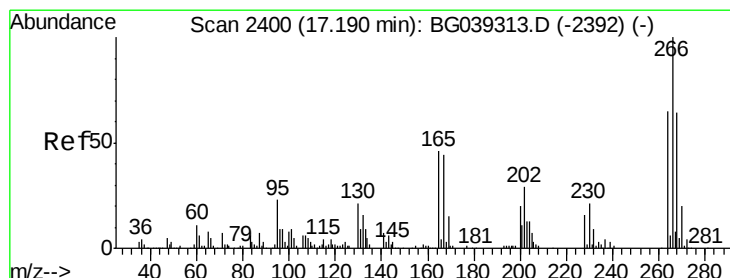
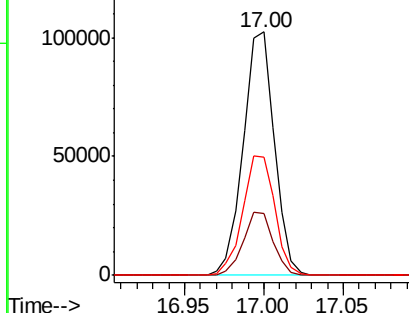
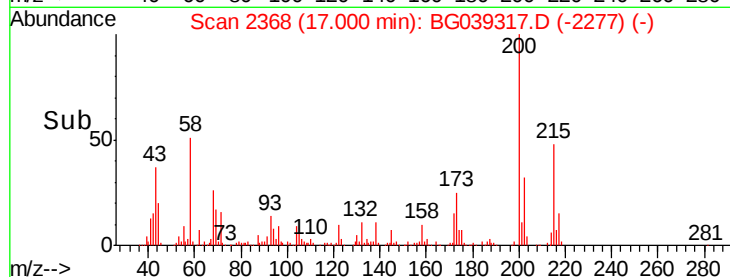
215 48.3 30.9 70.9



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: 42.426 ng

RT: 17.19 min Scan# 2400

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

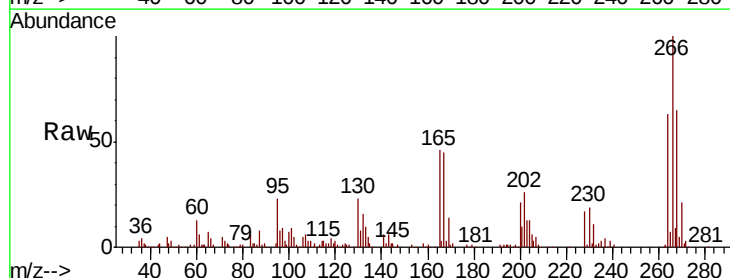
Tgt Ion:266 Resp: 106183

Ion Ratio Lower Upper

266 100

268 65.3 51.1 76.7

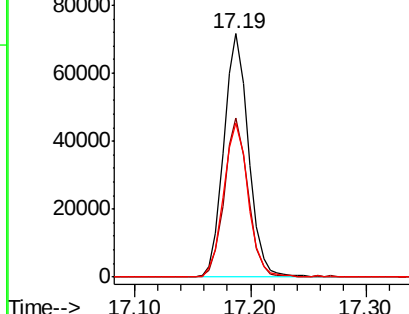
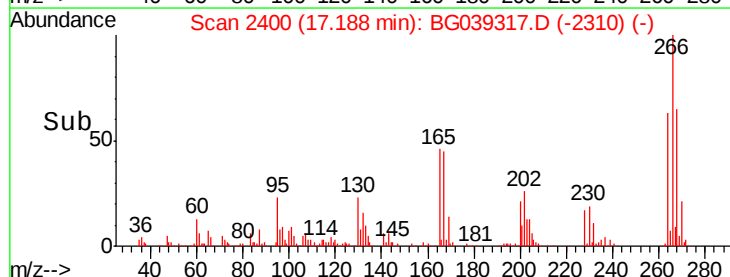
264 63.4 52.1 78.1

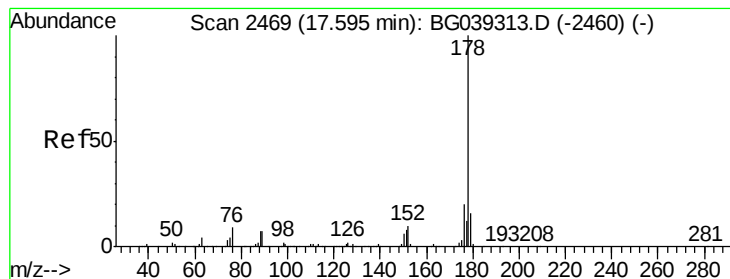


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 37.956 ng

RT: 17.60 min Scan# 2470

Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

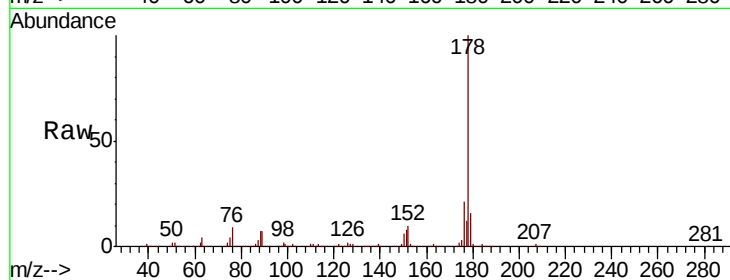
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:178 Resp: 635560

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 20.7  | 16.2  | 24.4  |
| 179 | 15.8  | 12.6  | 19.0  |



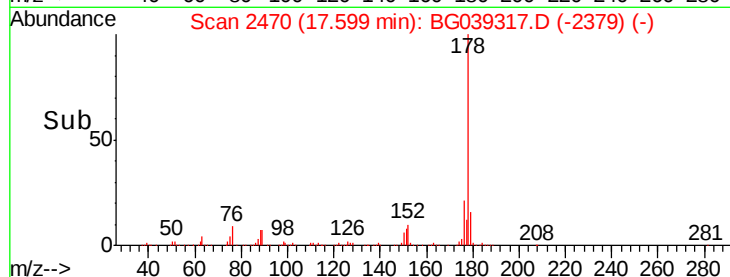
Abundance

Ion 178.00 (177.70 to 178.70): E

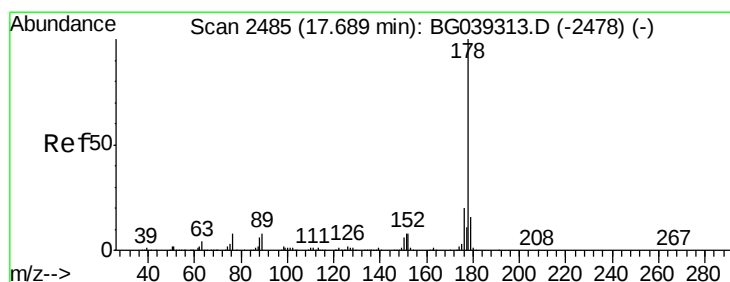
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

Time-->



Time-->



#72

Anthracene

Concen: 37.956 ng

RT: 17.69 min Scan# 2485

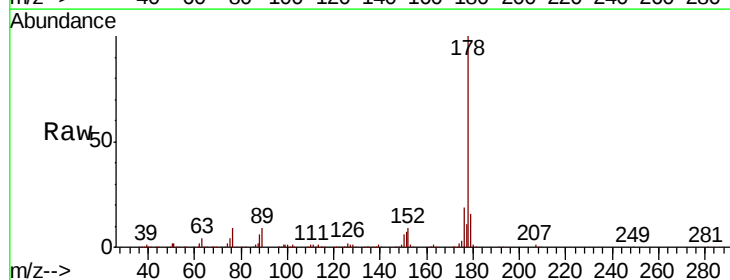
Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion:178 Resp: 626030

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.1  | 15.8  | 23.6  |
| 179 | 16.2  | 12.5  | 18.7  |



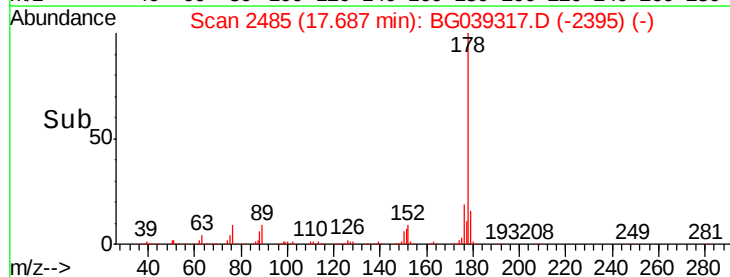
Abundance

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

Time-->



Time-->



#73

Carbazole

Concen: 37.881 ng

RT: 17.96 min Scan# 2531

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

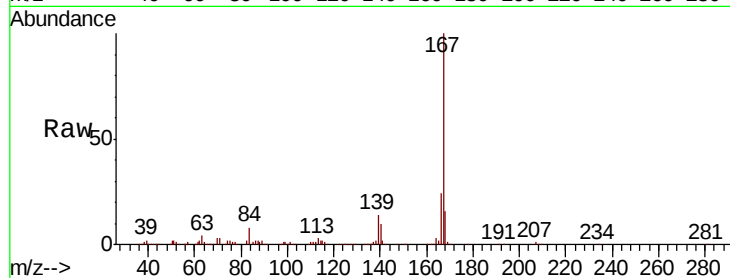
Tot Ion:167 Resp: 623540

Ion Ratio Lower Upper

167 100

166 23.6 19.4 29.2

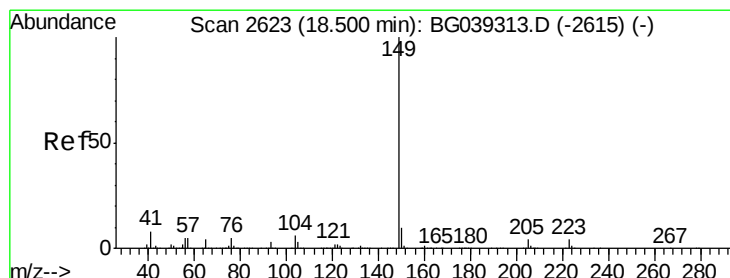
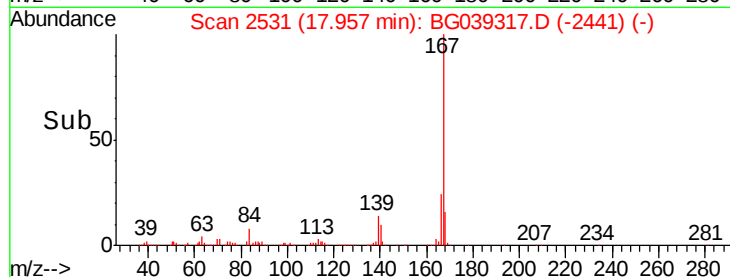
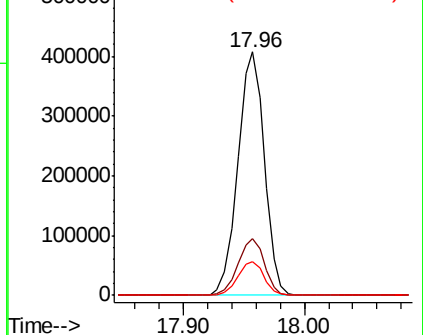
139 13.9 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 38.084 ng

RT: 18.50 min Scan# 2623

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

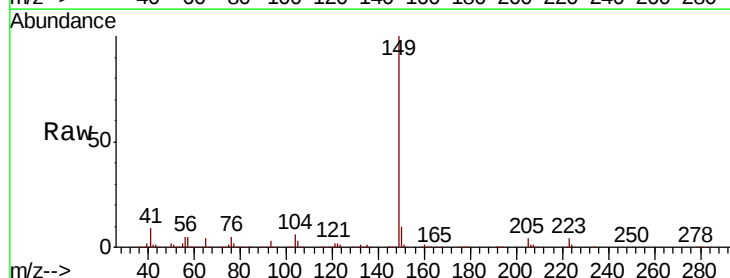
Tgt Ion:149 Resp: 731327

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

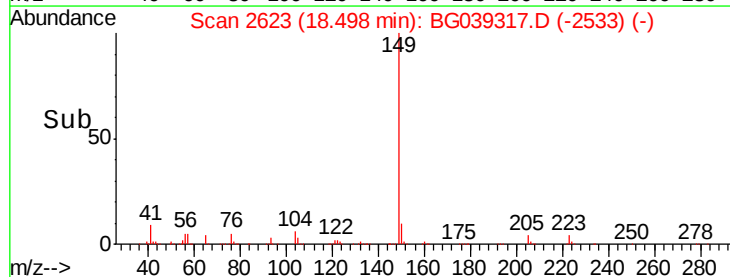
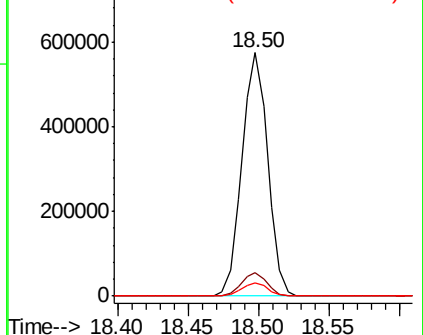
104 5.7 4.5 6.7

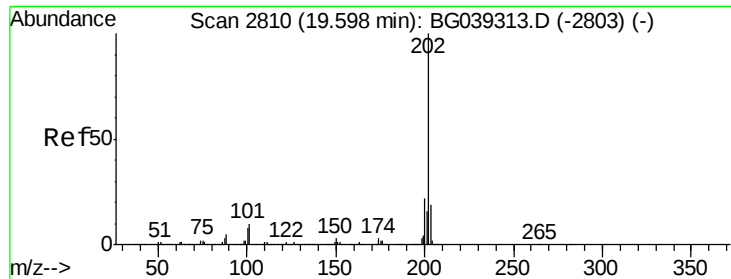


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 36.994 ng

RT: 19.60 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

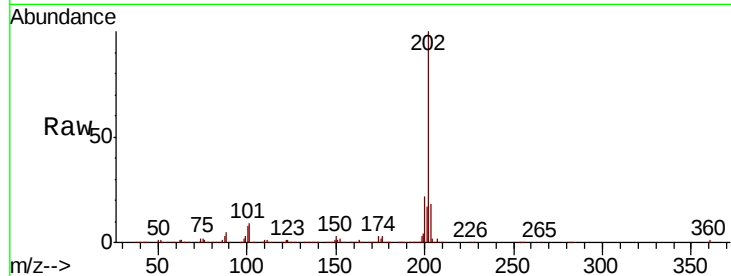
Tot Ion:202 Resp: 718989

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.0

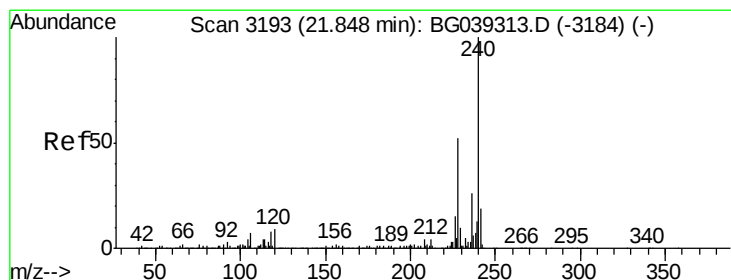
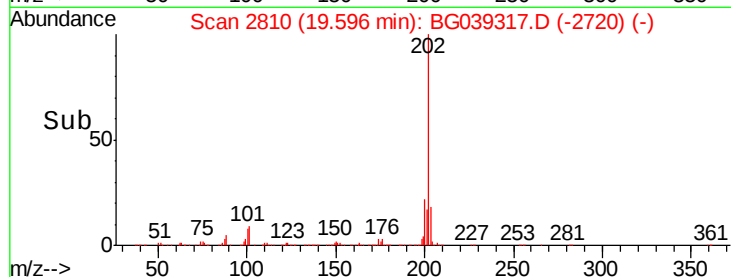
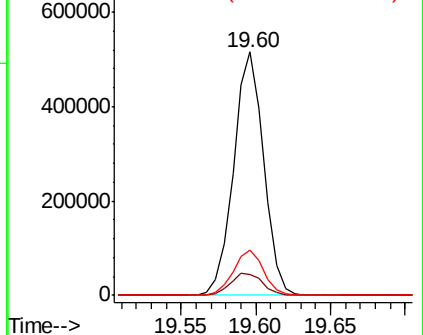
203 18.4 0.0 38.9



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: 21.85 min Scan# 3193

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

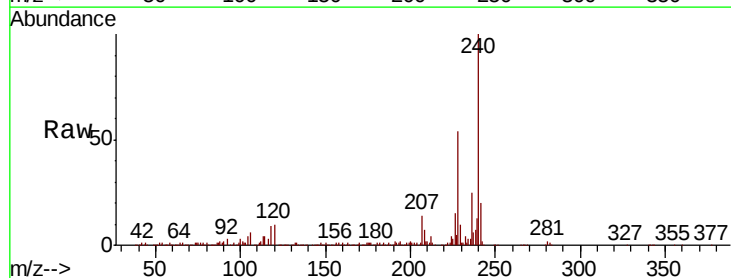
Tgt Ion:240 Resp: 317926

Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.6

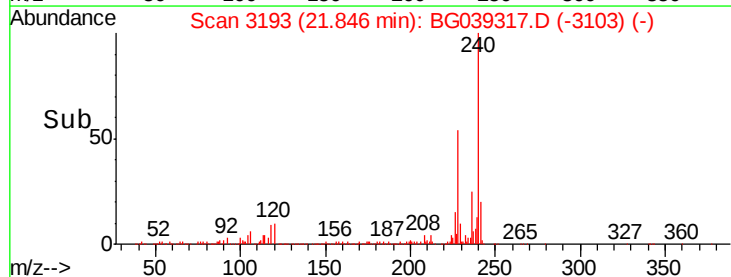
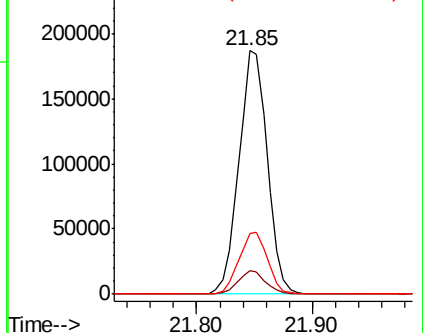
236 24.8 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.651 ng

RT: 19.77 min Scan# 2840

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

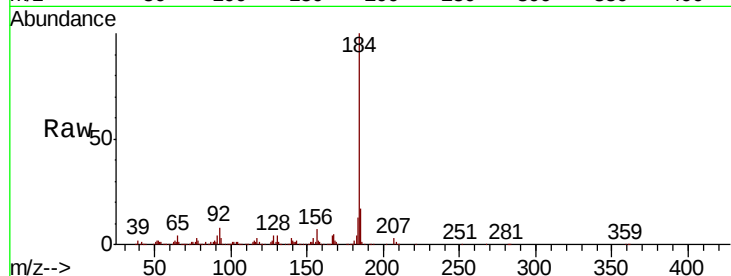
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:184 Resp: 454992

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 17.2  | 12.2  | 18.2  |
| 183 | 13.2  | 10.6  | 15.8  |



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

19.77

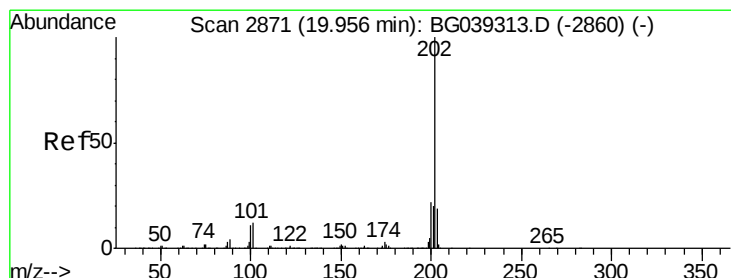
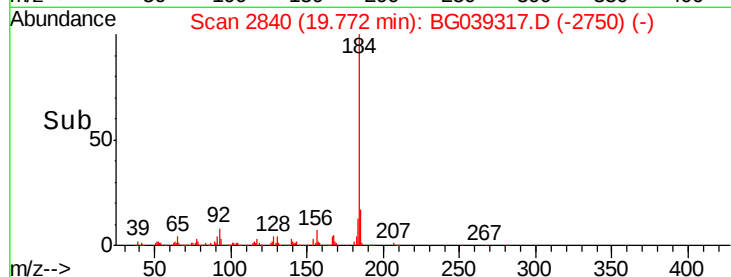
300000

200000

100000

0

Time-->



#78

Pyrene

Concen: 37.735 ng

RT: 19.96 min Scan# 2872

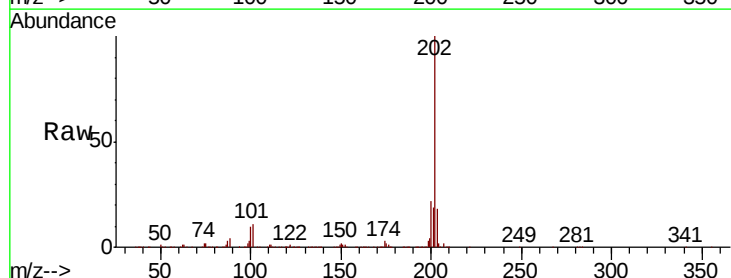
Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion:202 Resp: 746835

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.2  | 17.8  | 26.8  |
| 203 | 18.2  | 15.3  | 22.9  |



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

19.96

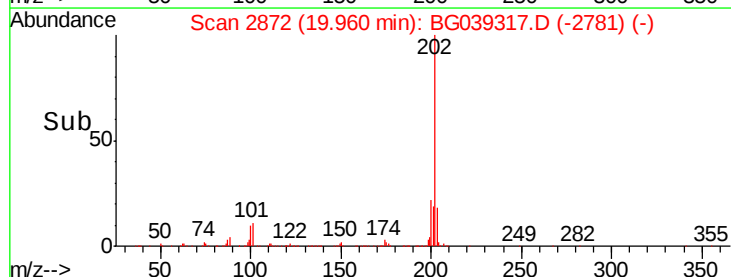
600000

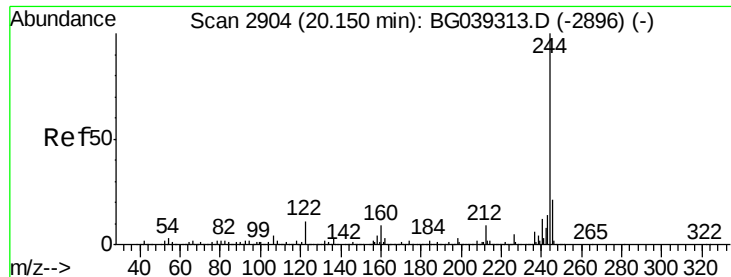
400000

200000

0

Time-->



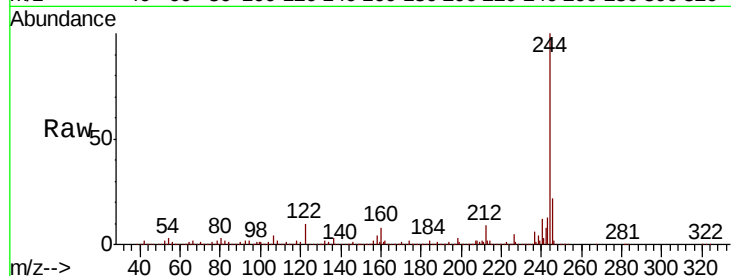


#79  
 Terphenyl-d14  
 Concen: 74.701 ng  
 RT: 20.15 min Scan# 2904  
 Delta R.T. -0.00 min  
 Lab File: BG039317.D  
 Acq: 29 Jan 2019 15:04

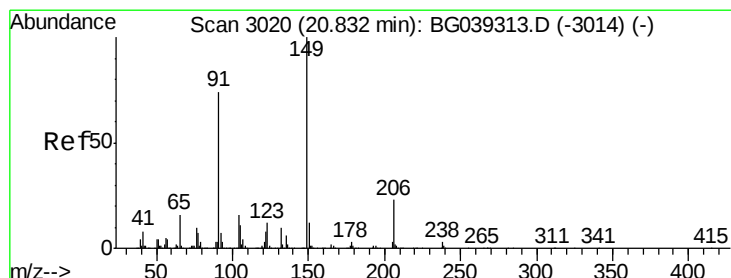
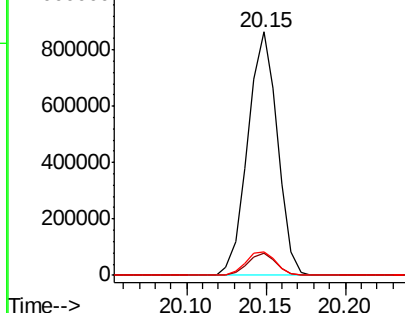
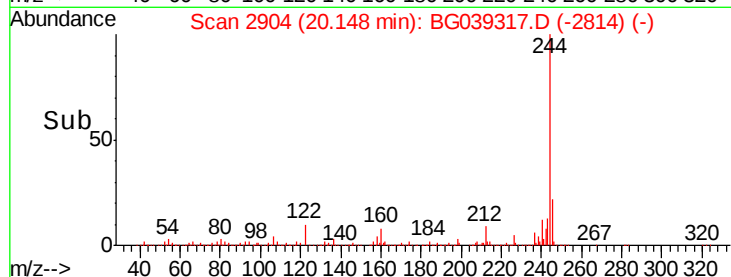
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:244 Resp: 1122009  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.1   | 7.3   | 10.9  |
| 122 | 9.8   | 8.4   | 12.6  |



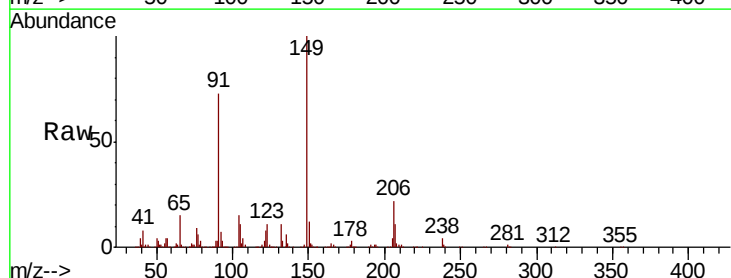
Abundance Ion 244.00 (243.70 to 244.70): E  
 Ion 212.00 (211.70 to 212.70): E  
 Ion 122.00 (121.70 to 122.70): E



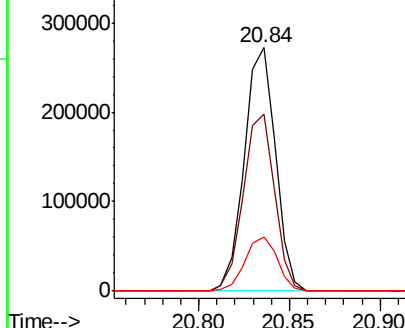
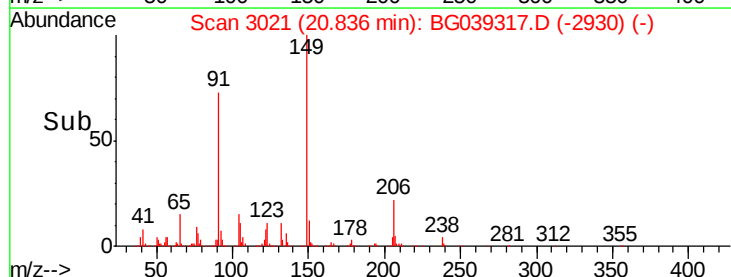
#80  
 Butylbenzylphthalate  
 Concen: 39.253 ng  
 RT: 20.84 min Scan# 3021  
 Delta R.T. 0.00 min  
 Lab File: BG039317.D  
 Acq: 29 Jan 2019 15:04

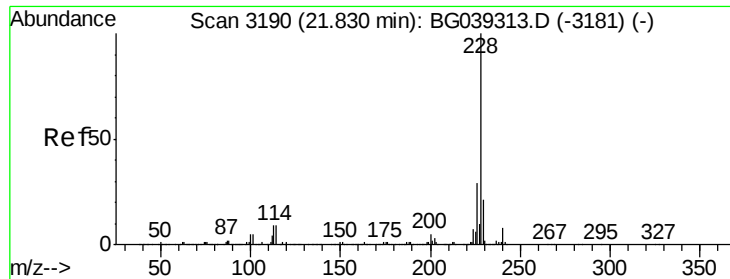
Tgt Ion:149 Resp: 327723  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 72.9  | 59.5  | 89.3  |
| 206 | 22.5  | 18.6  | 27.8  |



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: 37.991 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

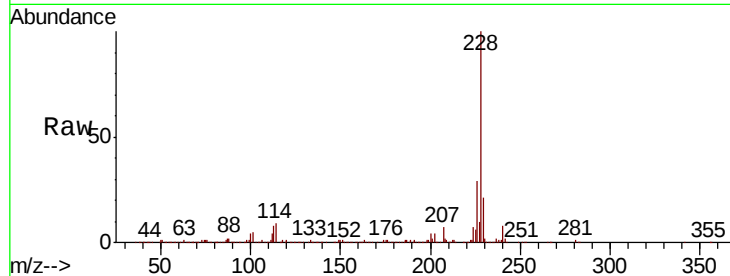
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 713697

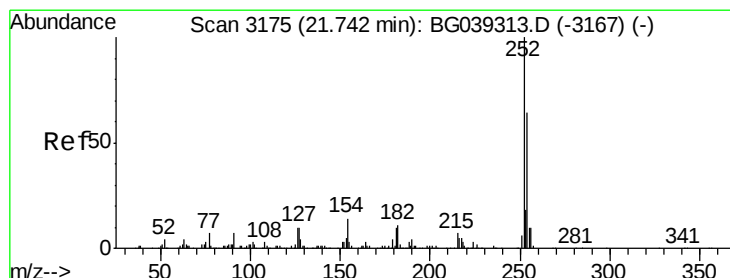
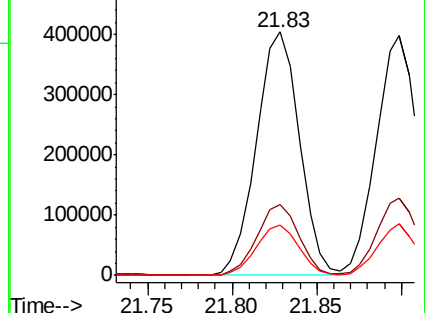
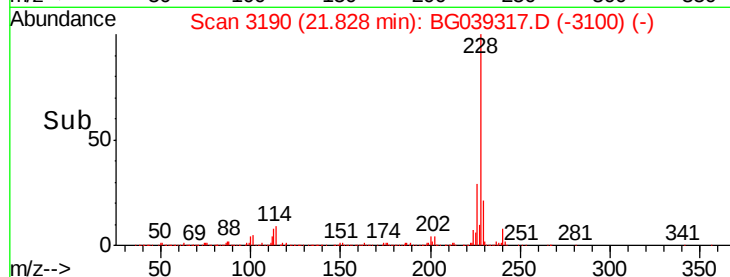
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.0  | 23.0  | 34.6  |
| 229 | 20.5  | 16.9  | 25.3  |



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: 38.482 ng

RT: 21.74 min Scan# 3175

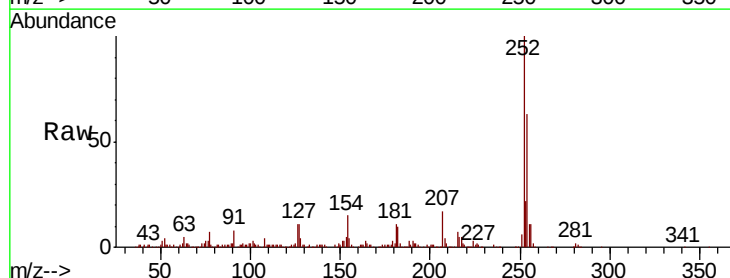
Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Tgt Ion:252 Resp: 268057

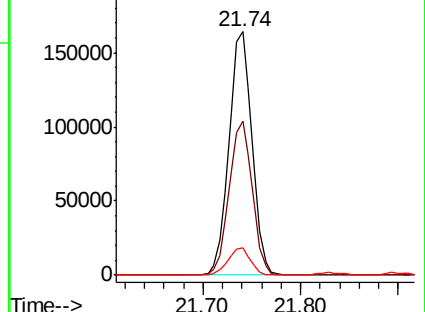
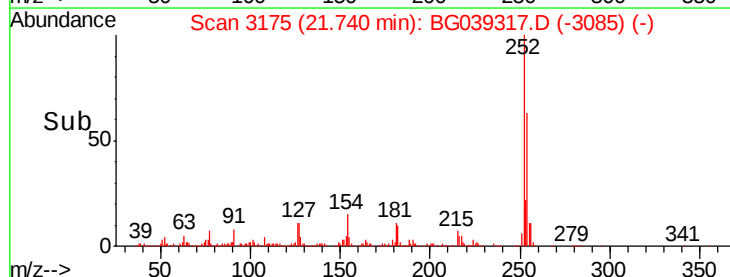
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 63.1  | 51.3  | 76.9  |
| 126 | 11.0  | 8.0   | 12.0  |

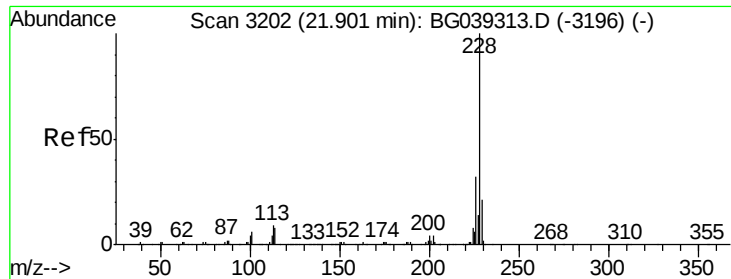


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

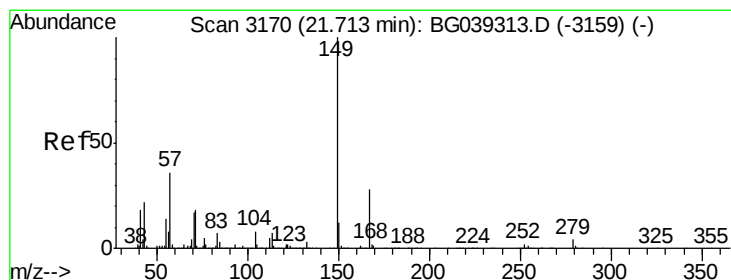
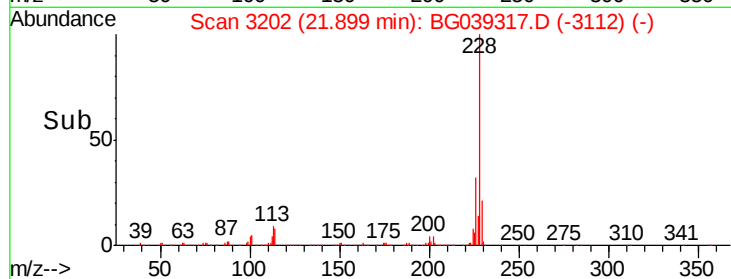
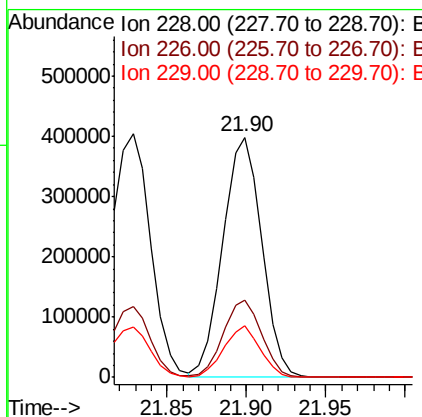
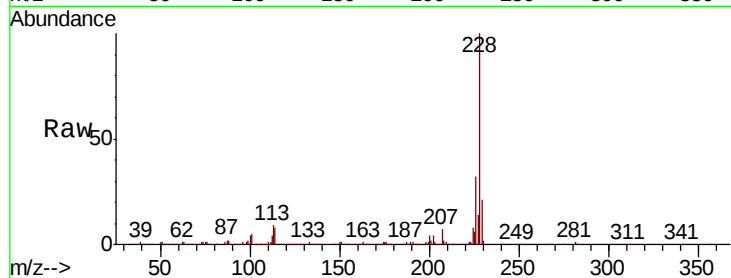




#83  
 Chrvsene  
 Concen: 37.836 ng  
 RT: 21.90 min Scan# 3202  
 Delta R.T. -0.00 min  
 Lab File: BG039317.D  
 Acq: 29 Jan 2019 15:04

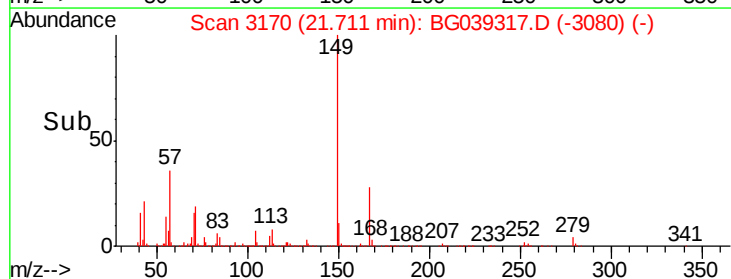
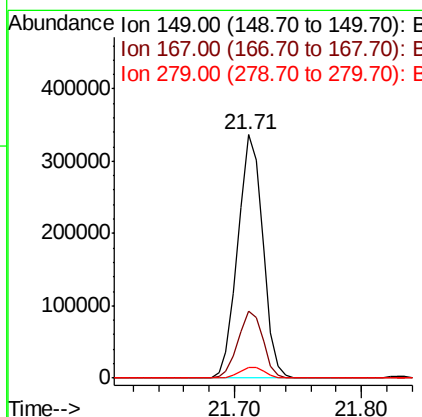
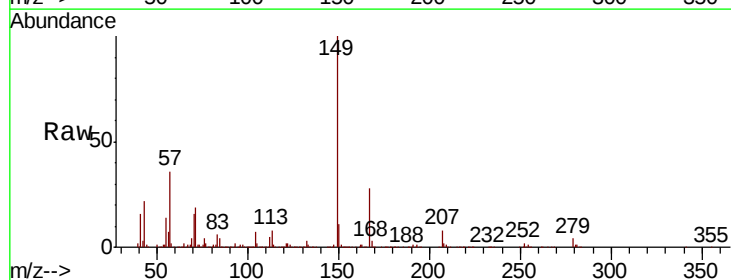
Instrument :  
 BNA\_G  
 ClientSampled :

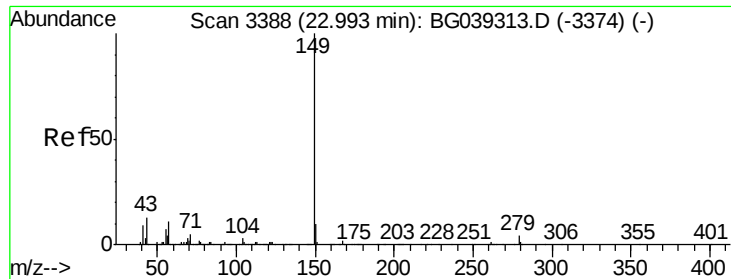
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.9  | 25.8  | 38.6  |
| 229     | 21.3  | 16.6  | 25.0  |



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 38.286 ng  
 RT: 21.71 min Scan# 3170  
 Delta R.T. -0.00 min  
 Lab File: BG039317.D  
 Acq: 29 Jan 2019 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.7  | 22.6  | 34.0  |
| 279     | 4.3   | 3.5   | 5.3   |





#85

Di-n-octyl phthalate

Concen: 38.199 ng

RT: 22.99 min Scan# 3388

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

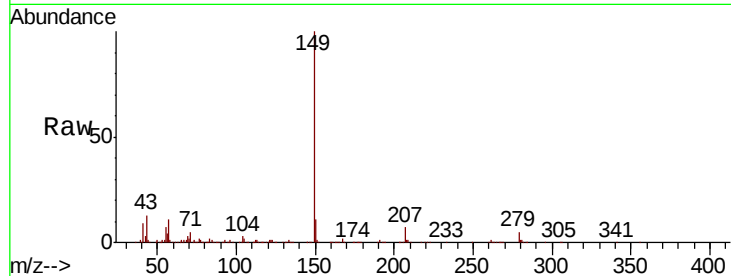
Tot Ion:149 Resp: 751685

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

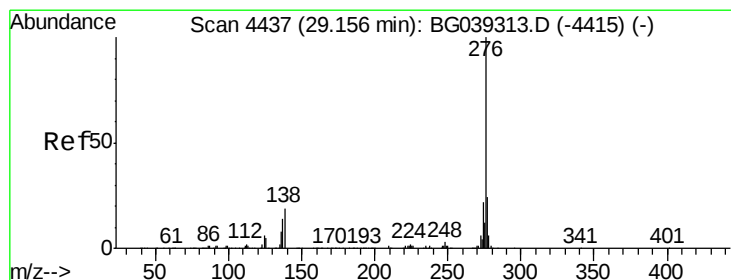
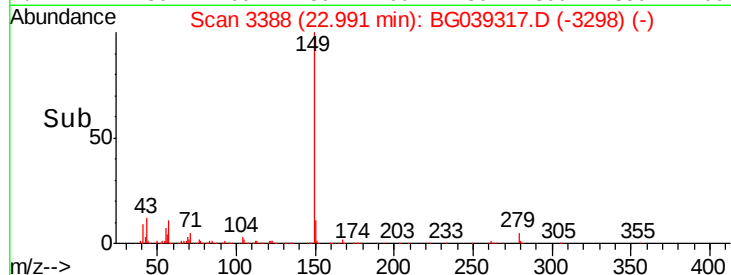
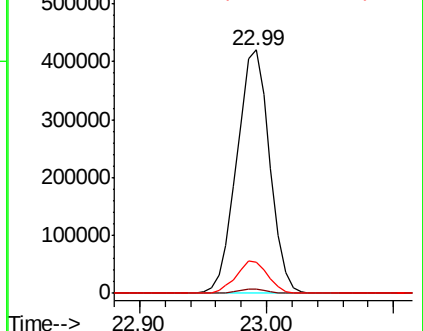
43 13.0 10.2 15.4



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: 38.964 ng

RT: 29.16 min Scan# 4438

Delta R.T. 0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

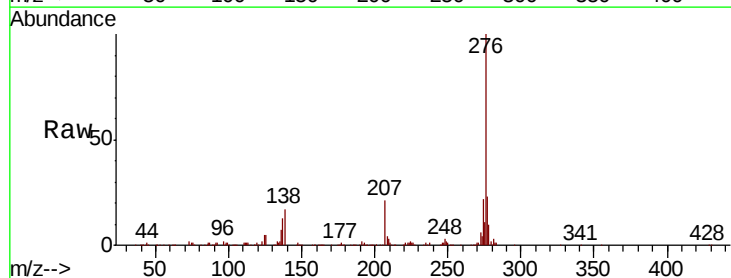
Tgt Ion:276 Resp: 747602

Ion Ratio Lower Upper

276 100

138 15.4 12.6 19.0

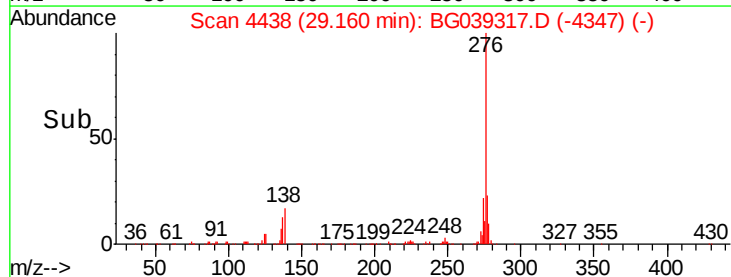
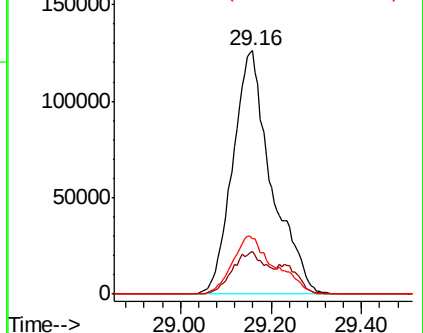
277 25.9 20.8 31.2



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: 25.24 min Scan# 3771

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampled :

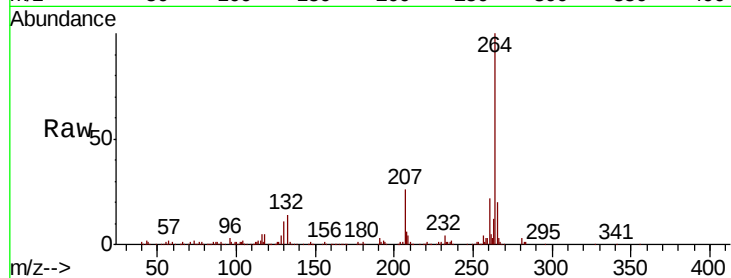
Tot Ion:264 Resp: 323656

Ion Ratio Lower Upper

264 100

260 22.0 18.2 27.4

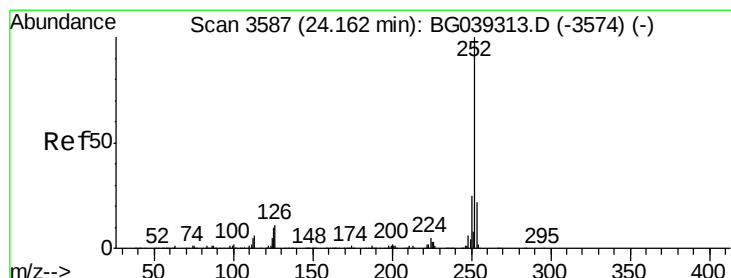
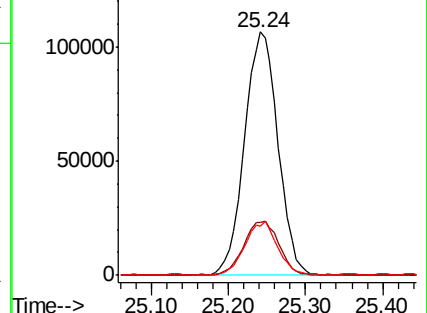
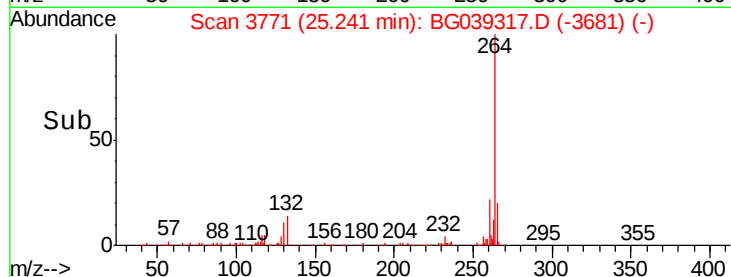
265 20.4 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.118 ng

RT: 24.15 min Scan# 3586

Delta R.T. -0.01 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

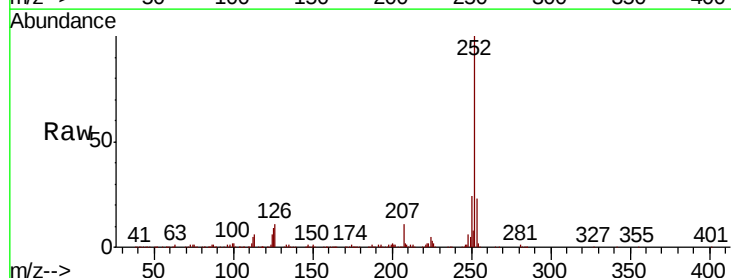
Tgt Ion:252 Resp: 672818

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

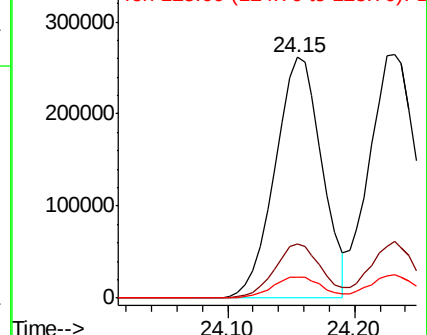
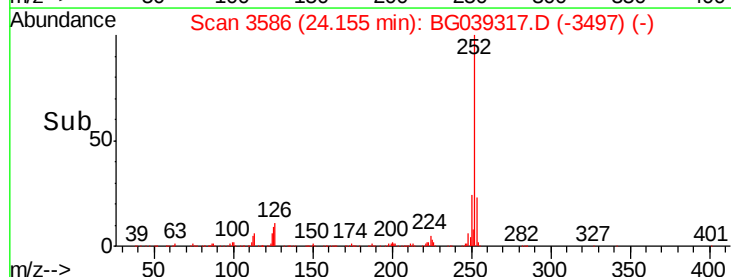
125 8.9 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 38.280 ng

RT: 24.23 min Scan# 3599

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

Instrument :

BNA\_G

ClientSampleId :

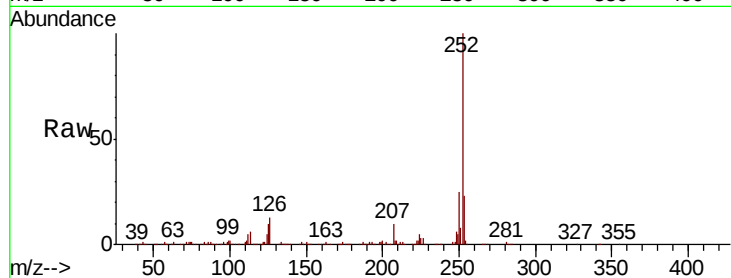
Tot Ion:252 Resp: 678367

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

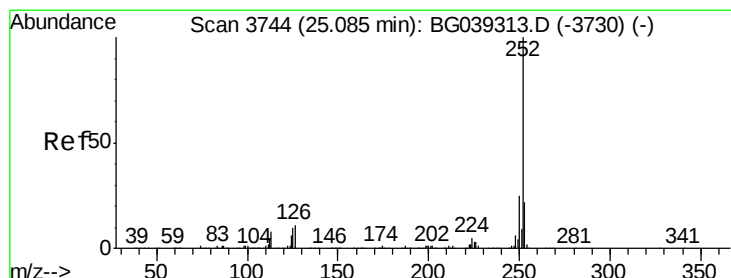
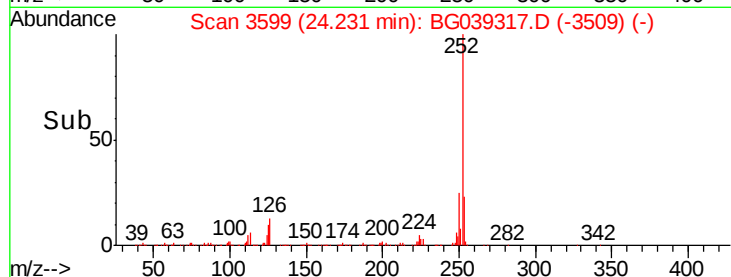
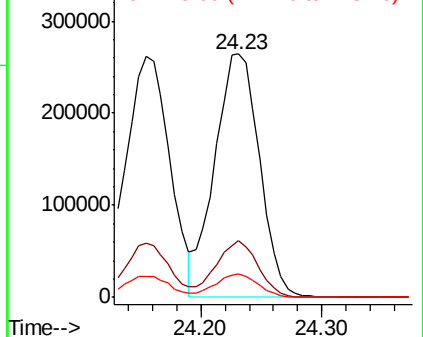
125 9.6 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.284 ng

RT: 25.08 min Scan# 3744

Delta R.T. -0.00 min

Lab File: BG039317.D

Acq: 29 Jan 2019 15:04

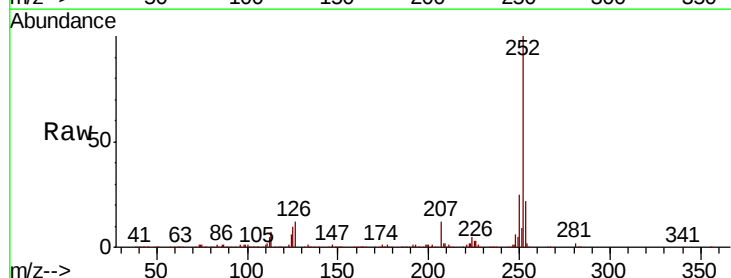
Tgt Ion:252 Resp: 650794

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

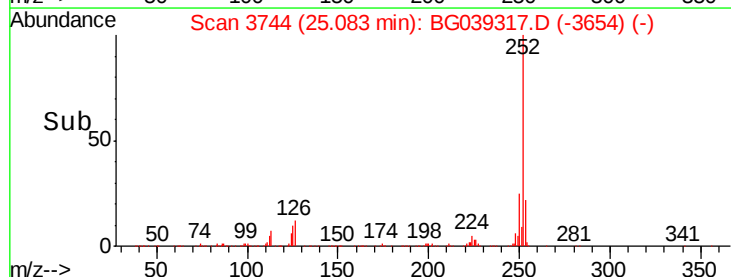
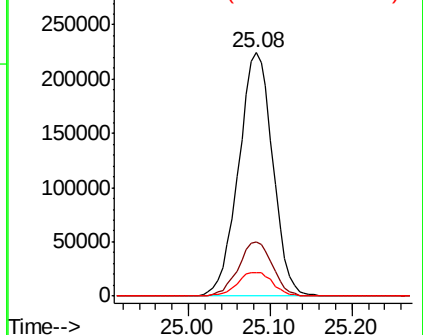
125 9.7 8.3 12.5



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

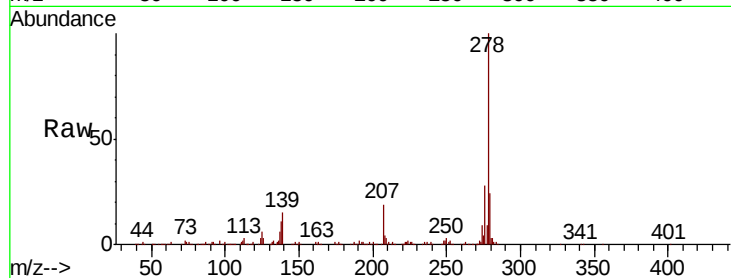




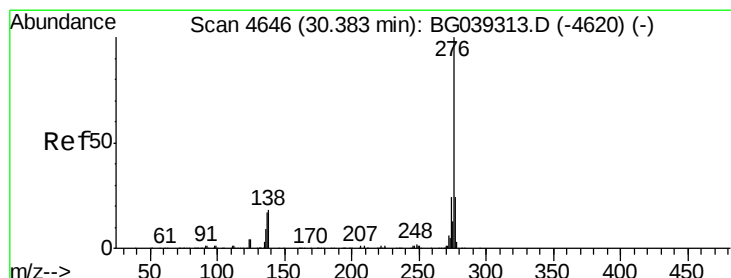
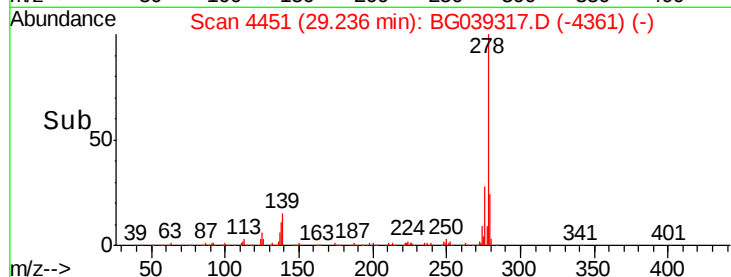
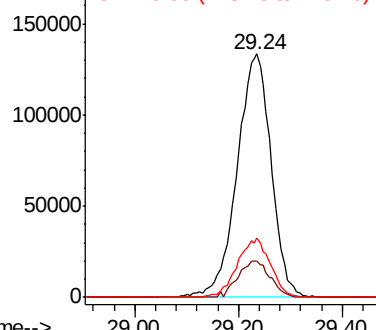
#91  
Dibenzo(a,h)anthracene  
Concen: 38.139 ng  
RT: 29.24 min Scan# 4451  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.0  | 11.7  | 17.5  |
| 279     | 24.1  | 19.1  | 28.7  |

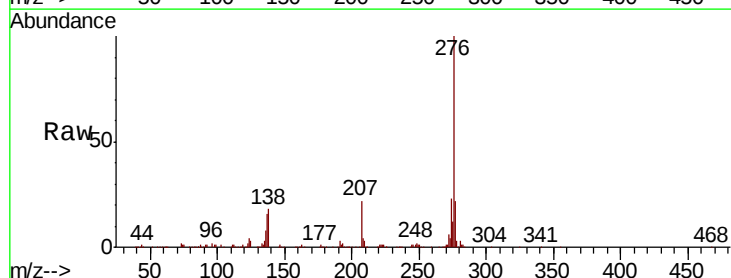


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 38.645 ng  
RT: 30.38 min Scan# 4646  
Delta R.T. -0.00 min  
Lab File: BG039317.D  
Acq: 29 Jan 2019 15:04

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.1  | 19.6  | 29.4  |
| 138     | 18.0  | 14.7  | 22.1  |



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

