

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG021319\  
 Data File : BG039490.D  
 Acq On : 13 Feb 2019 15:55  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 14 02:46:40 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 | 8.17  | 152  | 52329    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 11.00 | 136  | 234532   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.80 | 164  | 162889   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.54 | 188  | 391238   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.83 | 240  | 388093   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 25.21 | 264  | 399597   | 20.00 | ng    | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.71  | 112  | 249978   | 81.76 | ng    | 0.00     |
| 7) Phenol-d6                | 7.31  | 99   | 381437   | 84.75 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.35  | 82   | 354957   | 94.55 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.28 | 330  | 156680   | 89.33 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.42 | 172  | 879736   | 77.48 | ng    | -0.01    |
| 79) Terphenyl-d14           | 20.13 | 244  | 1389719  | 75.80 | ng    | -0.02    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.61  | 88   | 53542    | 40.034 | ng    | 93     |
| 3) Pyridine                    | 4.01  | 79   | 149163   | 42.125 | ng    | 94     |
| 4) n-Nitrosodimethylamine      | 3.93  | 42   | 66044    | 37.295 | ng    | 89     |
| 6) Aniline                     | 7.49  | 93   | 228588   | 40.549 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.73  | 128  | 142265   | 42.567 | ng    | 98     |
| 9) Benzaldehyde                | 7.31  | 77   | 94046    | 42.626 | ng    | 93     |
| 10) Phenol                     | 7.34  | 94   | 195542   | 41.681 | ng    | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.59  | 93   | 148070   | 39.942 | ng    | 95     |
| 12) 1,3-Dichlorobenzene        | 8.06  | 146  | 161067   | 39.782 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 8.21  | 146  | 163602   | 40.541 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 8.53  | 146  | 159104   | 40.727 | ng    | 97     |
| 15) Benzyl Alcohol             | 8.41  | 79   | 146782   | 41.543 | ng    | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.69  | 45   | 288938   | 34.514 | ng    | 99     |
| 17) 2-Methylphenol             | 8.60  | 107  | 123854   | 40.796 | ng    | 96     |
| 18) Hexachloroethane           | 9.26  | 117  | 55720    | 40.134 | ng    | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.98  | 70   | 126856   | 39.713 | ng    | 96     |
| 20) 3+4-Methylphenols          | 8.93  | 107  | 181904   | 43.510 | ng    | 98     |
| 22) Acetophenone               | 9.00  | 105  | 251110   | 39.859 | ng    | 95     |
| 24) Nitrobenzene               | 9.39  | 77   | 182697   | 45.046 | ng    | 99     |
| 25) Isophorone                 | 9.90  | 82   | 318908   | 38.333 | ng    | 98     |
| 26) 2-Nitrophenol              | 10.10 | 139  | 90687    | 54.625 | ng    | 94     |
| 27) 2,4-Dimethylphenol         | 10.14 | 122  | 137627   | 40.895 | ng    | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.39 | 93   | 207141   | 40.424 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 10.63 | 162  | 164508   | 44.726 | ng    | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.85 | 180  | 171477   | 41.526 | ng    | 100    |
| 31) Naphthalene                | 11.05 | 128  | 462227   | 39.727 | ng    | 99     |
| 32) Benzoic acid               | 10.24 | 122  | 72986    | 35.916 | ng    | 96     |
| 33) 4-Chloroaniline            | 11.15 | 127  | 223014   | 41.339 | ng    | 98     |
| 34) Hexachlorobutadiene        | 11.31 | 225  | 114776   | 41.795 | ng    | 94     |
| 35) Caprolactam                | 11.95 | 113  | 67267    | 44.195 | ng    | # 85   |
| 36) 4-Chloro-3-methylphenol    | 12.25 | 107  | 185492   | 43.607 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 12.64 | 142  | 342275   | 39.719 | ng    | 97     |
| 38) 1-Methylnaphthalene        | 12.85 | 142  | 331592   | 39.918 | ng    | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216  | 215144   | 41.512 | ng    | 99     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

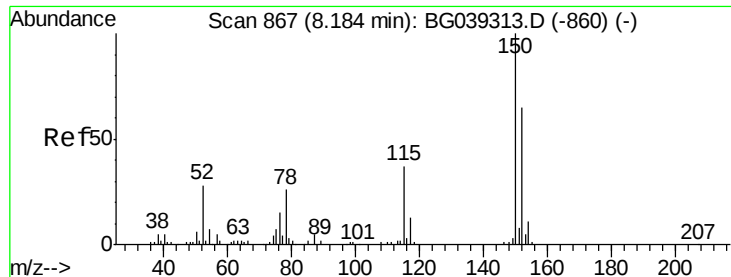
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 14 02:46:40 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  | 12.96 | 237  | 103633   | 36.696 | nq    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.23 | 196  | 140702   | 44.155 | nq    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.30 | 196  | 154166   | 46.160 | nq    | 99       |
| 46) 1,1'-Biphenyl              | 13.63 | 154  | 519051   | 38.298 | nq    | 100      |
| 47) 2-Chloronaphthalene        | 13.68 | 162  | 404407   | 39.665 | nq    | 99       |
| 48) 2-Nitroaniline             | 13.89 | 65   | 137489   | 47.127 | nq    | 93       |
| 49) Acenaphthylene             | 14.52 | 152  | 602631   | 39.172 | nq    | 99       |
| 50) Dimethylphthalate          | 14.24 | 163  | 519729   | 39.506 | nq    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.37 | 165  | 115155   | 46.995 | nq    | 94       |
| 52) Acenaphthene               | 14.86 | 154  | 393661   | 39.421 | nq    | 99       |
| 53) 3-Nitroaniline             | 14.71 | 138  | 123211   | 46.630 | nq    | # 97     |
| 54) 2,4-Dinitrophenol          | 14.91 | 184  | 22648    | 30.433 | nq    | 90       |
| 55) Dibenzofuran               | 15.19 | 168  | 634118   | 39.605 | nq    | 99       |
| 56) 4-Nitrophenol              | 14.99 | 139  | 90764    | 41.188 | nq    | 87       |
| 57) 2,4-Dinitrotoluene         | 15.16 | 165  | 161543   | 50.755 | nq    | # 89     |
| 58) Fluorene                   | 15.84 | 166  | 462696   | 38.766 | nq    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.41 | 232  | 137214   | 43.879 | nq    | 97       |
| 60) Diethylphthalate           | 15.60 | 149  | 518017   | 38.084 | nq    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.82 | 204  | 274708   | 40.647 | nq    | 97       |
| 62) 4-Nitroaniline             | 15.87 | 138  | 125187   | 45.609 | nq    | 96       |
| 63) Azobenzene                 | 16.12 | 77   | 484765   | 36.463 | nq    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 59146    | 40.917 | nq    | 92       |
| 66) n-Nitrosodiphenylamine     | 16.04 | 169  | 464423   | 39.040 | nq    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.72 | 248  | 179706   | 41.404 | nq    | 94       |
| 68) Hexachlorobenzene          | 16.84 | 284  | 183270   | 42.086 | nq    | 95       |
| 69) Atrazine                   | 16.98 | 200  | 160112   | 36.830 | nq    | 97       |
| 70) Pentachlorophenol          | 17.18 | 266  | 105082   | 34.720 | nq    | 99       |
| 71) Phenanthrene               | 17.58 | 178  | 778002   | 38.421 | nq    | 100      |
| 72) Anthracene                 | 17.68 | 178  | 769187   | 38.564 | nq    | 99       |
| 73) Carbazole                  | 17.95 | 167  | 746543   | 37.505 | nq    | 99       |
| 74) Di-n-butylphthalate        | 18.48 | 149  | 875135   | 37.685 | nq    | 99       |
| 75) Fluoranthene               | 19.58 | 202  | 902953   | 38.418 | nq    | 99       |
| 77) Benzidine                  | 19.76 | 184  | 369805   | 29.064 | nq    | 98       |
| 78) Pyrene                     | 19.95 | 202  | 941142   | 38.955 | nq    | 98       |
| 80) Butylbenzylphthalate       | 20.81 | 149  | 398995   | 39.150 | nq    | 97       |
| 81) Benzo(a)anthracene         | 21.81 | 228  | 896413   | 39.090 | nq    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.72 | 252  | 344289   | 40.490 | nq    | 98       |
| 83) Chrysene                   | 21.88 | 228  | 861248   | 39.453 | nq    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.68 | 149  | 560822   | 38.572 | nq    | 99       |
| 85) Di-n-octyl phthalate       | 22.94 | 149  | 948720   | 39.496 | nq    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.11 | 276  | 975150   | 41.634 | nq    | 99       |
| 88) Benzo(b)fluoranthene       | 24.13 | 252  | 866433   | 39.759 | nq    | 100      |
| 89) Benzo(k)fluoranthene       | 24.20 | 252  | 846798   | 38.704 | nq    | 98       |
| 90) Benzo(a)pyrene             | 25.05 | 252  | 844095   | 40.219 | nq    | 98       |
| 91) Dibenzo(a,h)anthracene     | 29.18 | 278  | 808955   | 41.158 | nq    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.33 | 276  | 792918   | 40.475 | nq    | 97       |

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



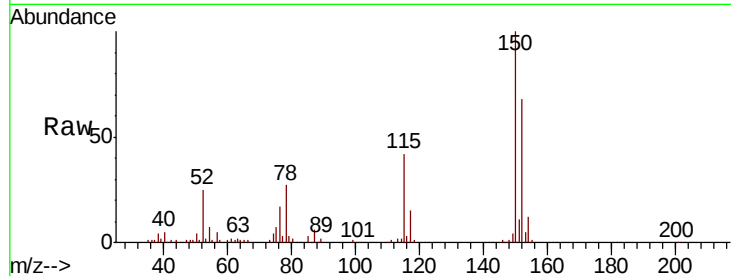


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.17 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 147.4 | 123.7 | 185.5 |
| 115     | 61.4  | 45.9  | 68.9  |

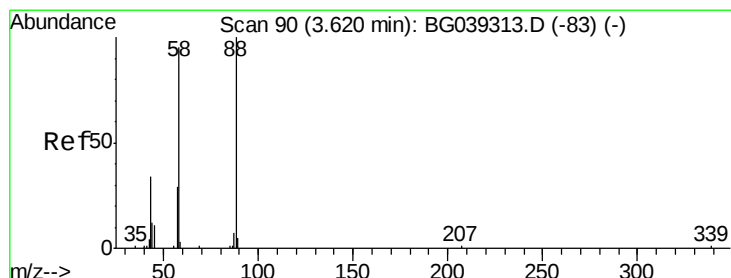
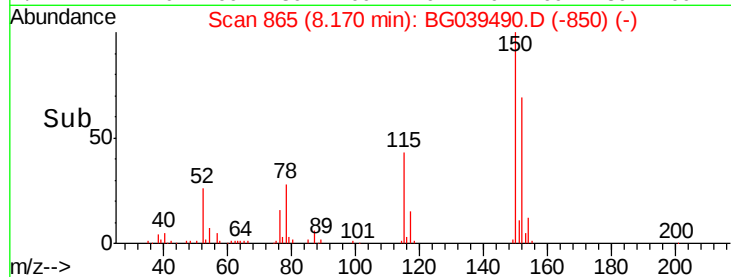
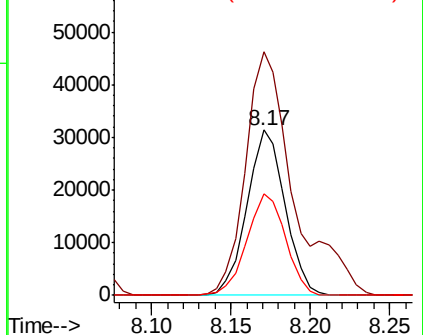


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

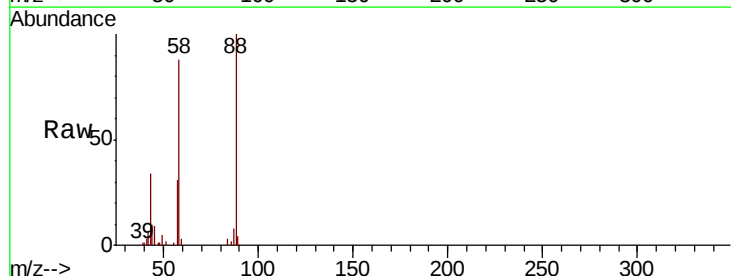
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane  
Concen: 40.034 ng  
RT: 3.61 min Scan# 88  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 93.4  | 81.1  | 121.7 |
| 43      | 35.8  | 31.4  | 47.0  |

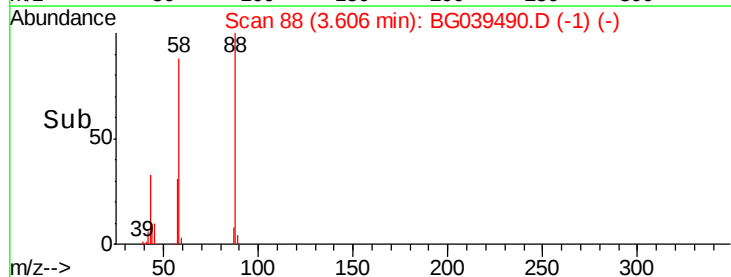
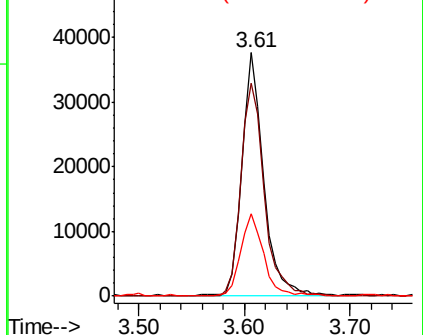


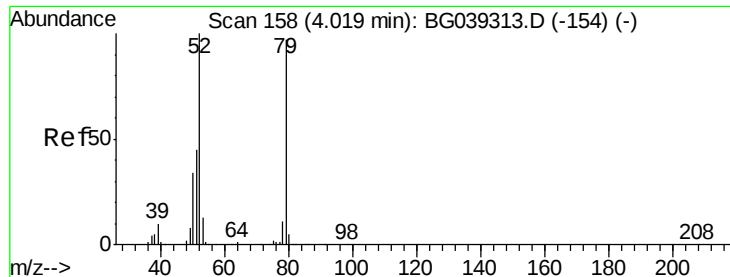
Abundance

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: 42.125 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

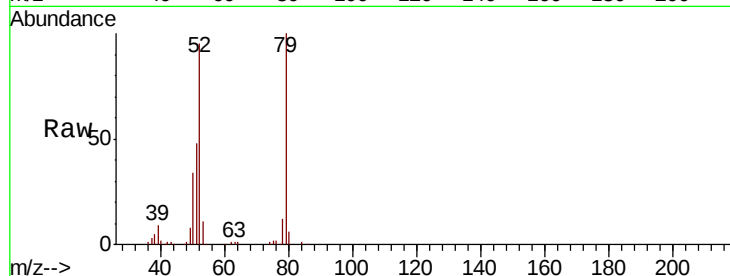
Tot Ion: 79 Resp: 149163

Ion Ratio Lower Upper

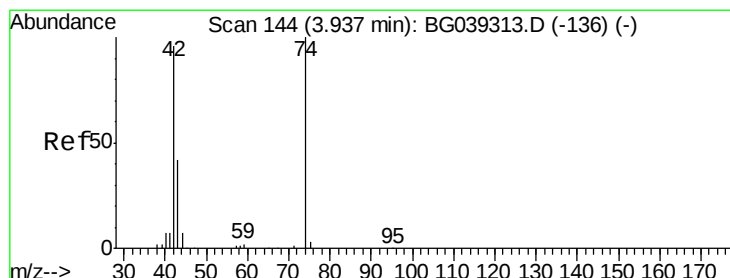
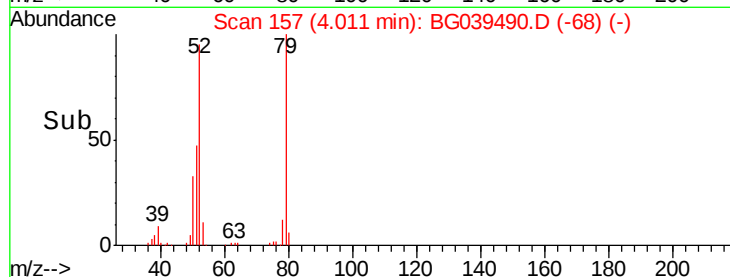
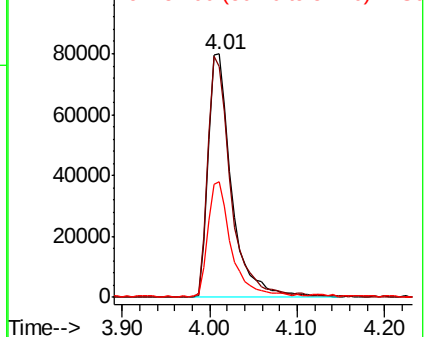
79 100

52 95.1 82.6 124.0

51 47.6 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: 37.295 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

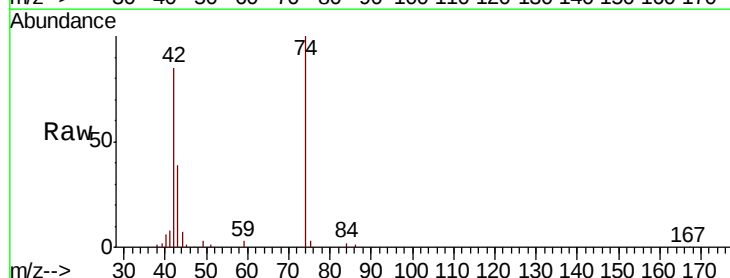
Tgt Ion: 42 Resp: 66044

Ion Ratio Lower Upper

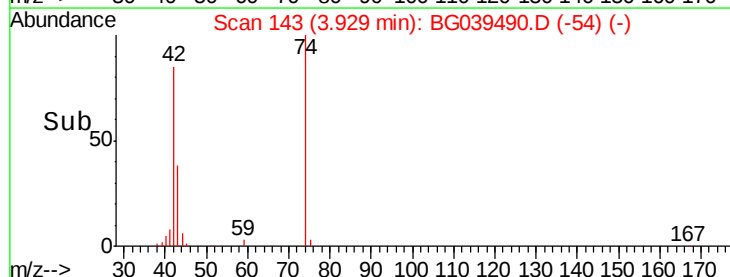
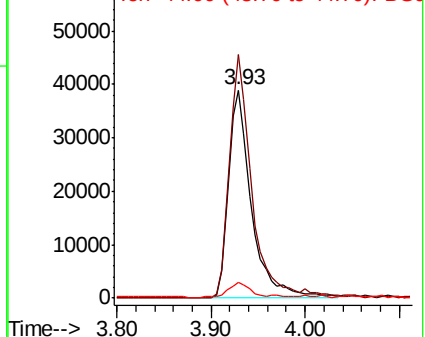
42 100

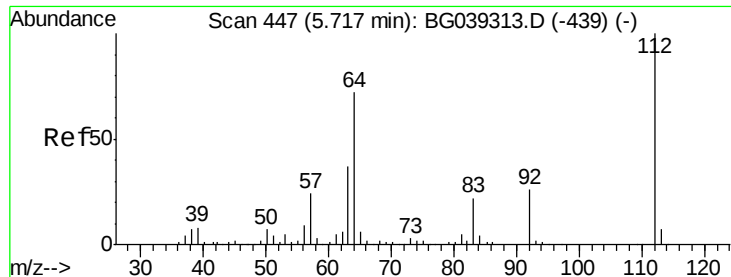
74 117.0 83.6 125.4

44 7.7 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: 81.760 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

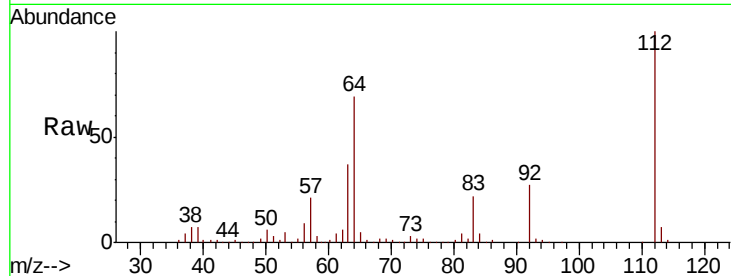
Tot Ion: 112 Resp: 249978

Ion Ratio Lower Upper

112 100

64 68.6 57.8 86.8

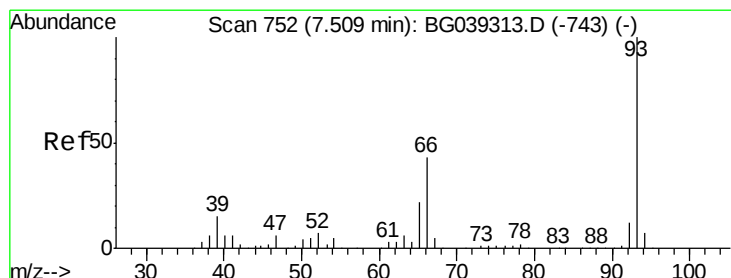
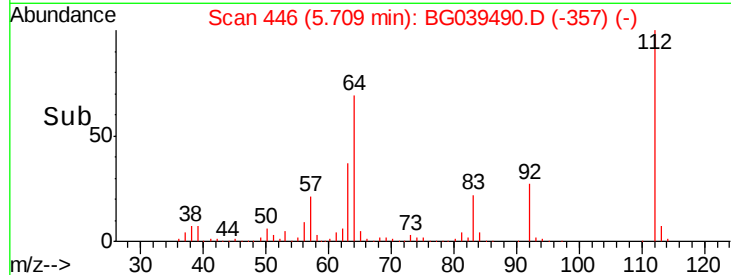
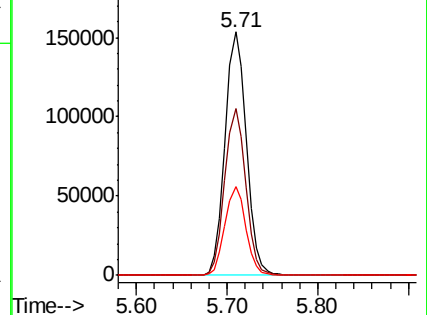
63 36.6 29.8 44.6



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: 40.549 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

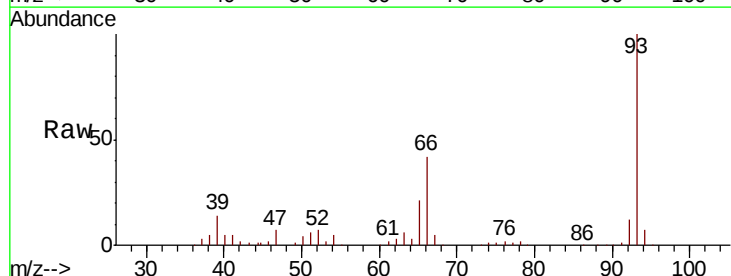
Tgt Ion: 93 Resp: 228588

Ion Ratio Lower Upper

93 100

66 42.2 34.2 51.4

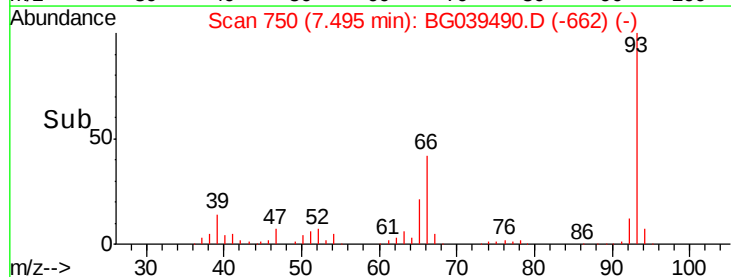
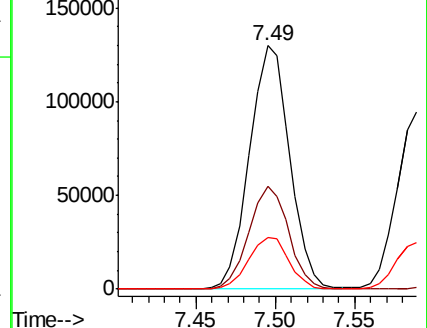
65 21.3 17.7 26.5

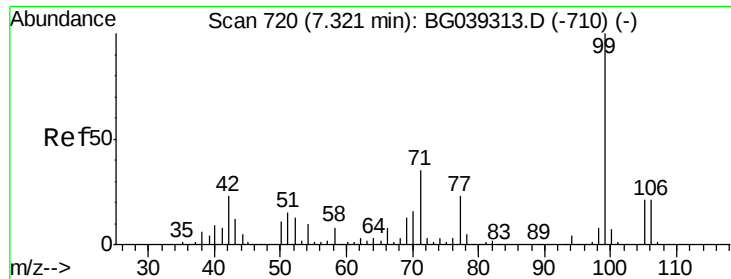


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 84.754 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

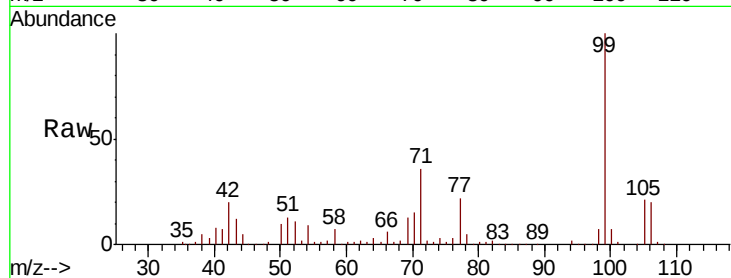
Tot Ion: 99 Resp: 381437

Ion Ratio Lower Upper

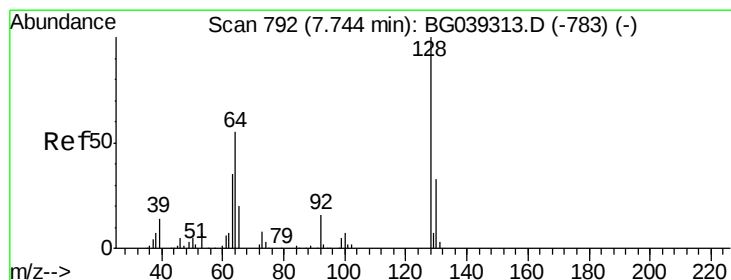
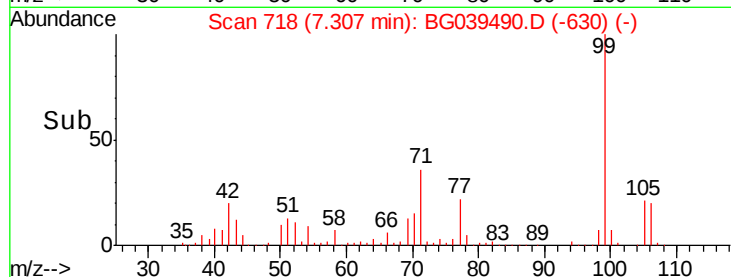
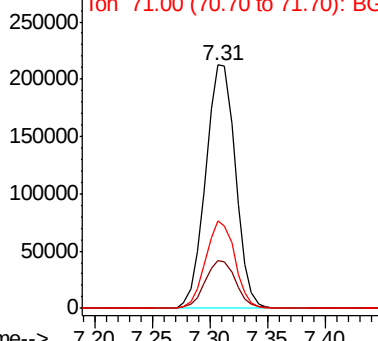
99 100

42 19.7 18.2 27.2

71 35.7 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: 42.567 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

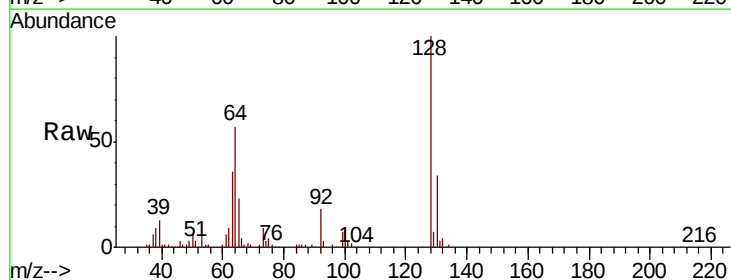
Tgt Ion: 128 Resp: 142265

Ion Ratio Lower Upper

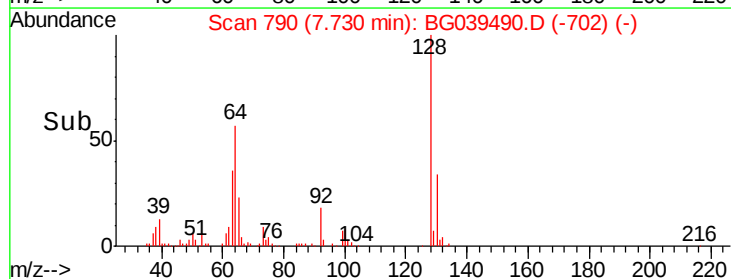
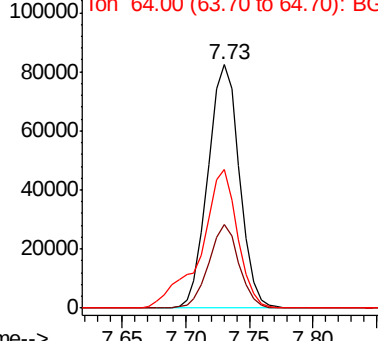
128 100

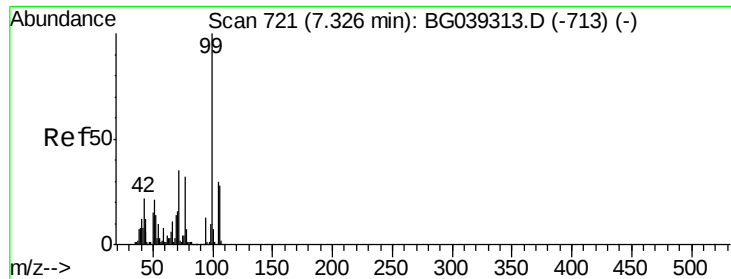
130 34.2 12.9 52.9

64 57.2 38.7 78.7



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





#9

Benzaldehyde

Concen: 42.626 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

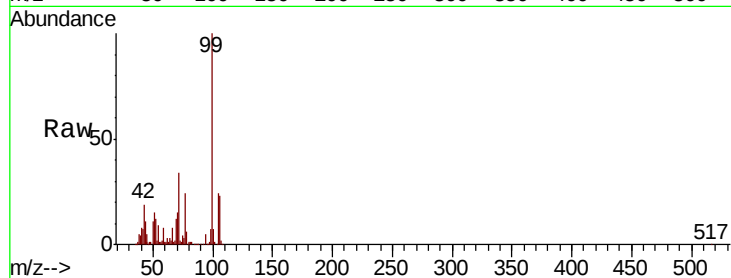
Tot Ion: 77 Resp: 94046

Ion Ratio Lower Upper

77 100

105 100.1 74.5 114.5

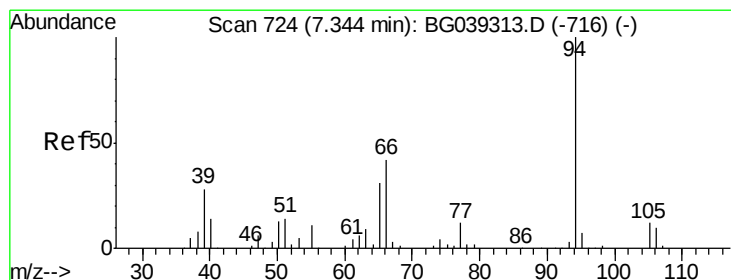
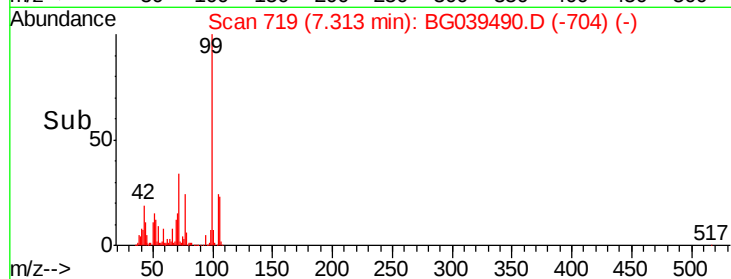
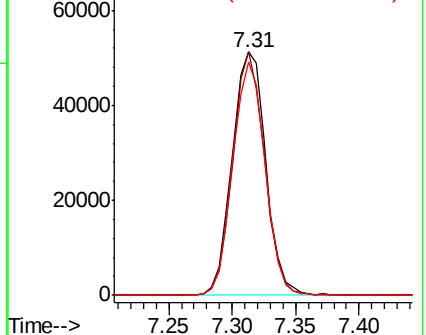
106 96.1 68.0 108.0



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: 41.681 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

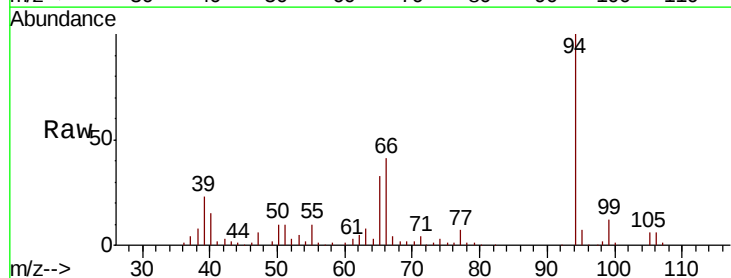
Tgt Ion: 94 Resp: 195542

Ion Ratio Lower Upper

94 100

65 33.4 11.7 51.7

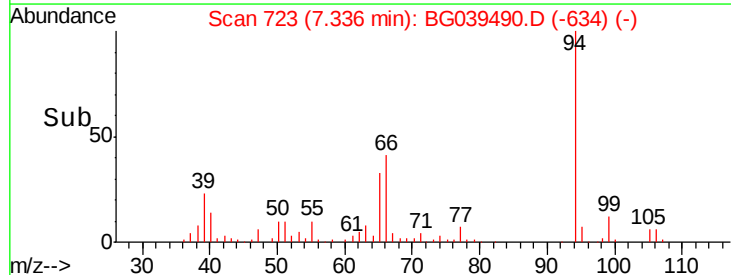
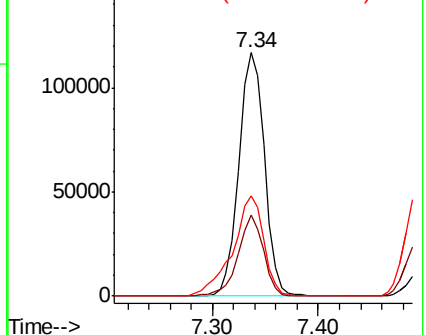
66 41.3 23.7 63.7

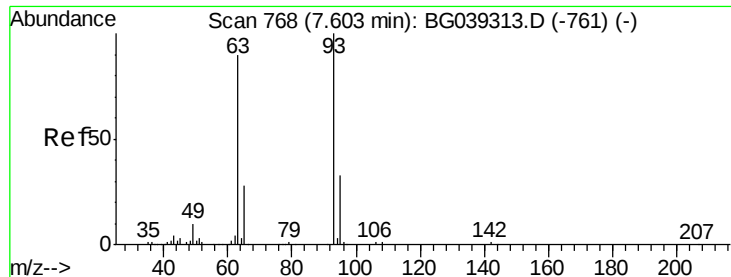


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 39.942 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

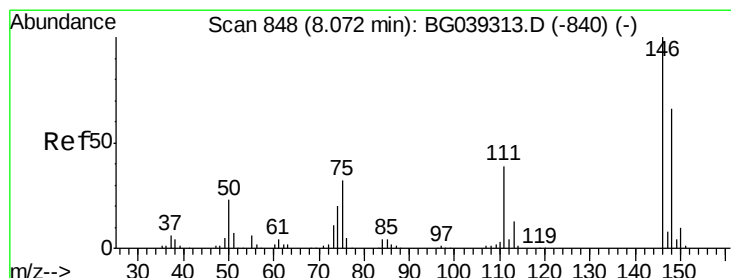
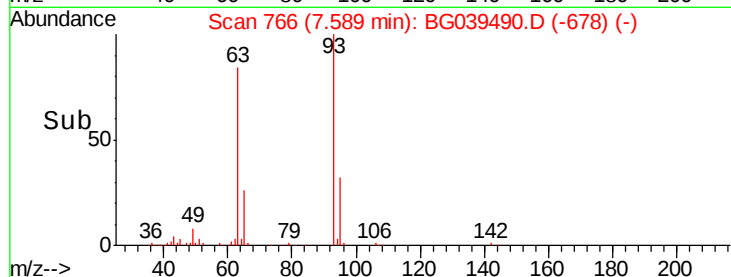
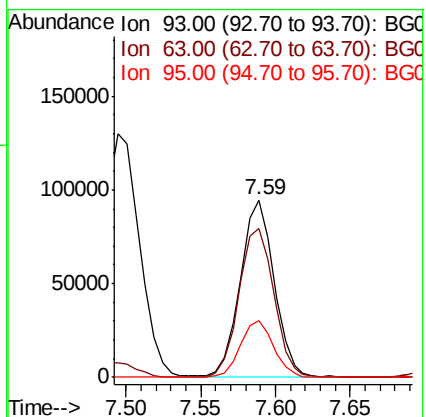
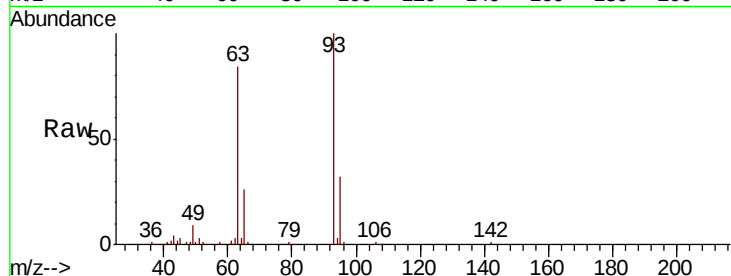
Tot Ion: 93 Resp: 148070

Ion Ratio Lower Upper

93 100

63 83.8 69.5 109.5

95 32.3 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 39.782 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

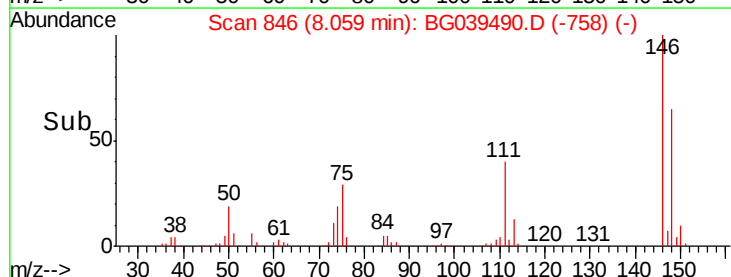
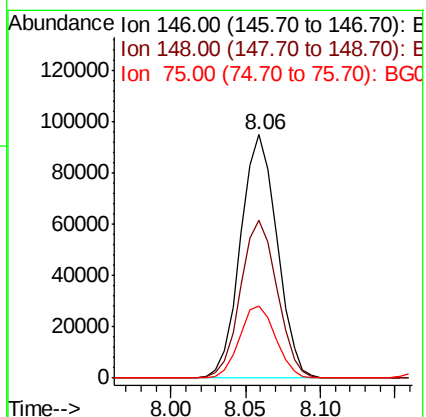
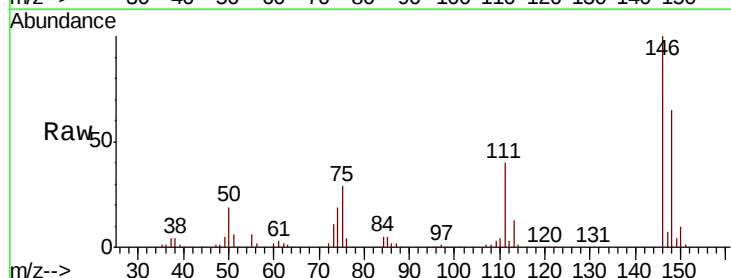
Tgt Ion: 146 Resp: 161067

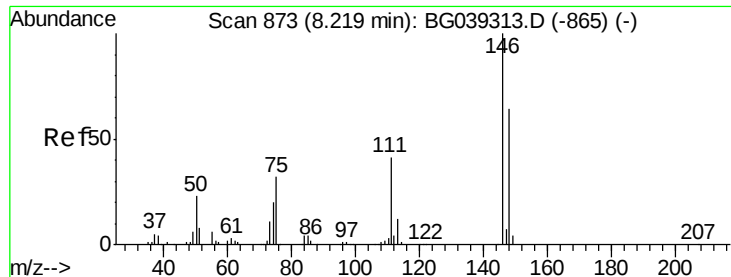
Ion Ratio Lower Upper

146 100

148 64.7 52.6 79.0

75 29.4 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 40.541 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

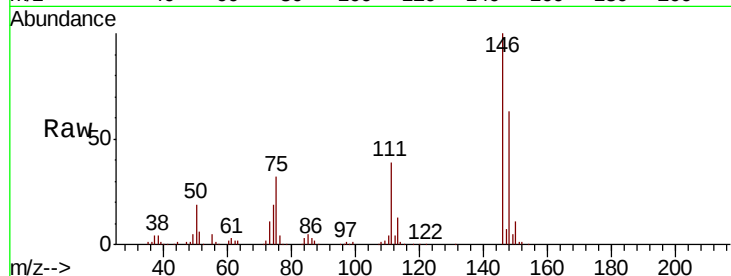
Tot Ion:146 Resp: 163602

Ion Ratio Lower Upper

146 100

148 63.2 51.1 76.7

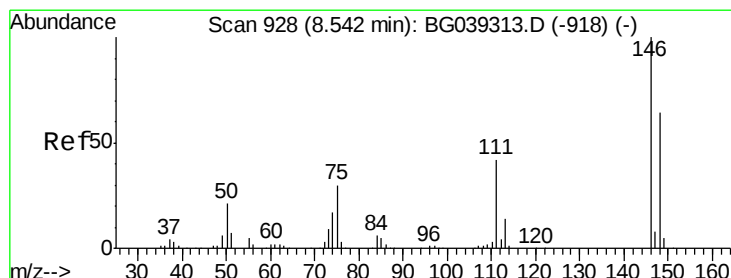
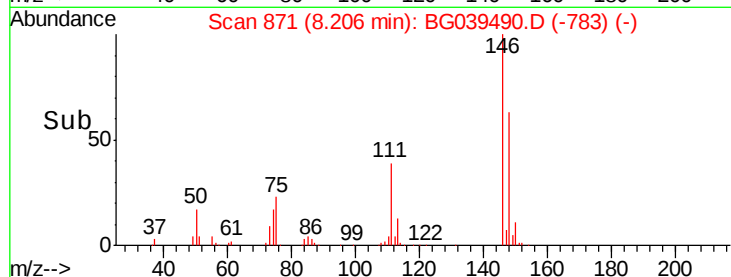
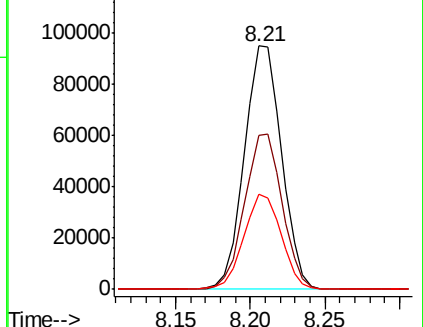
111 39.3 32.6 48.8



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: 40.727 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

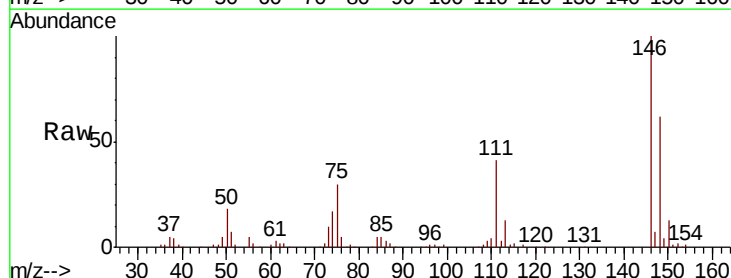
Tgt Ion:146 Resp: 159104

Ion Ratio Lower Upper

146 100

148 62.2 51.5 77.3

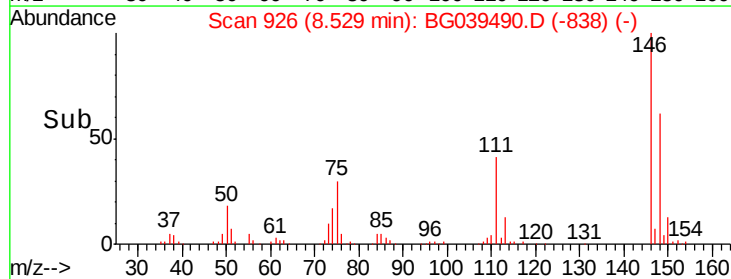
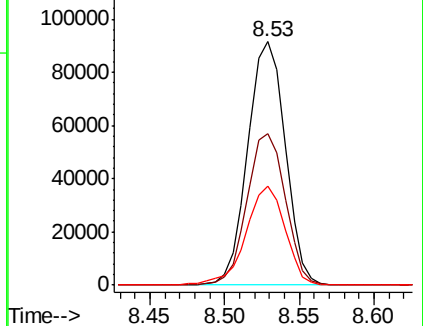
111 40.8 33.8 50.6

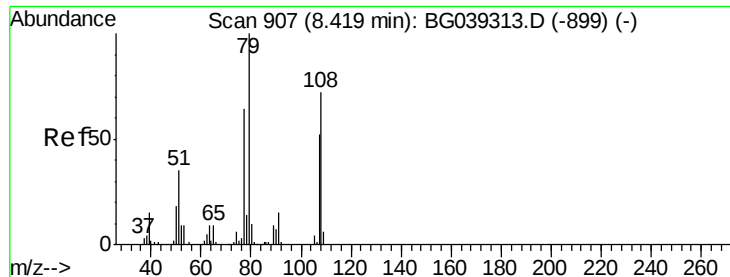


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.543 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

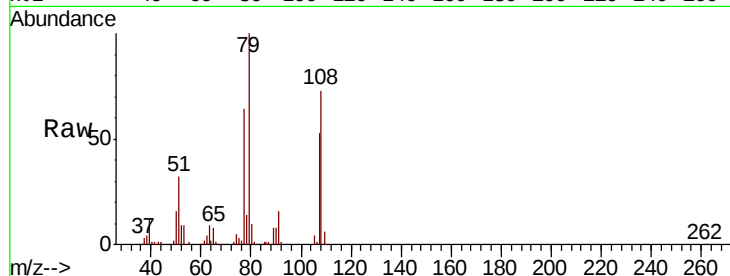
Tot Ion: 79 Resp: 146782

Ion Ratio Lower Upper

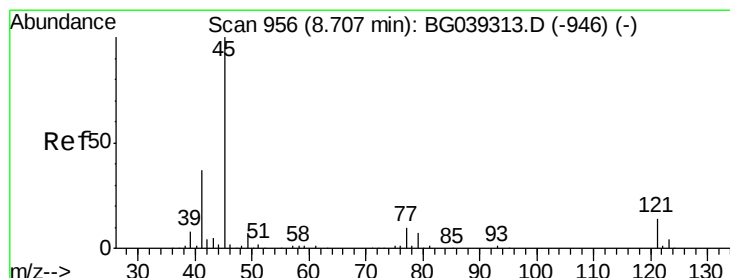
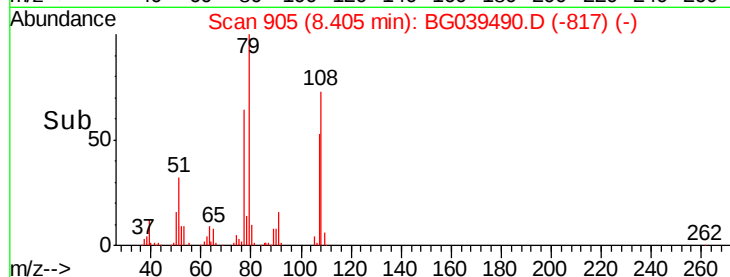
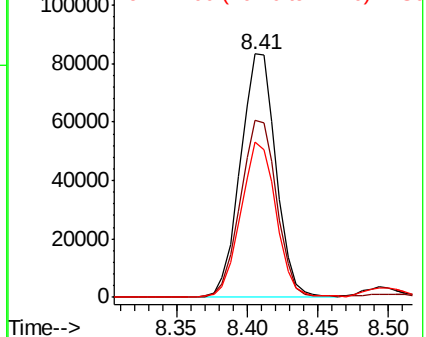
79 100

108 72.7 57.8 86.6

77 63.8 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: 34.514 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

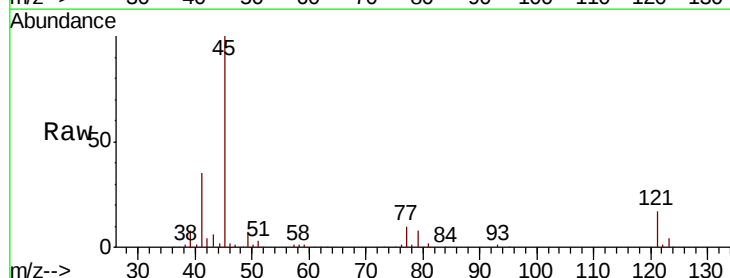
Tgt Ion: 45 Resp: 288938

Ion Ratio Lower Upper

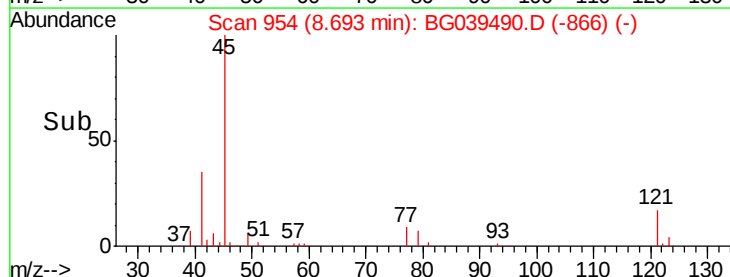
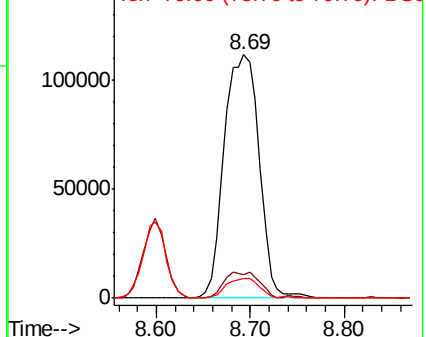
45 100

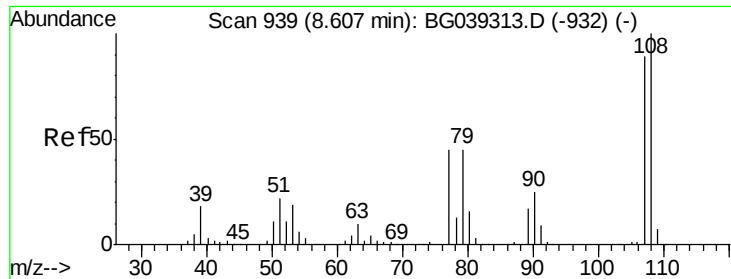
77 9.6 0.0 30.0

79 8.1 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

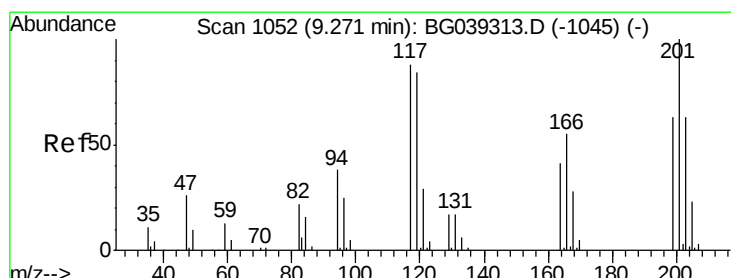
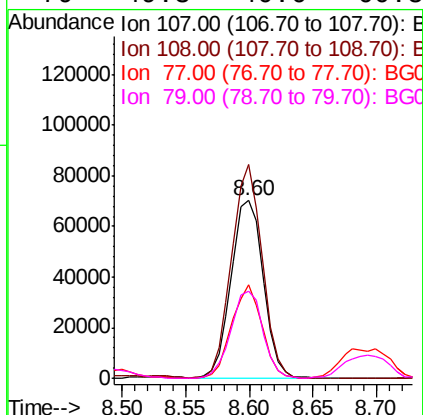
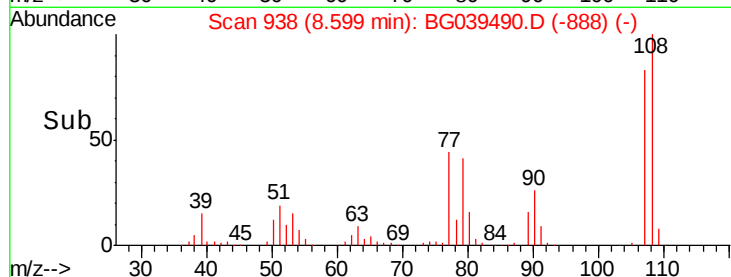
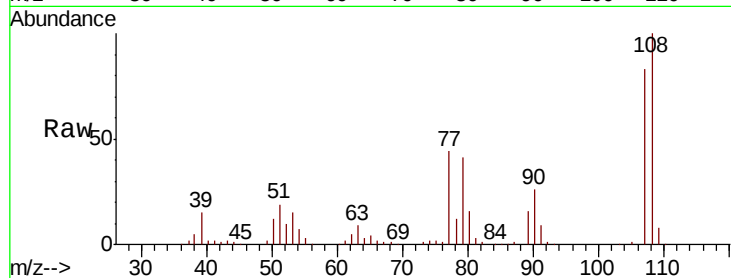




#17  
2-Methylphenol  
Concen: 40.796 ng  
RT: 8.60 min Scan# 938  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

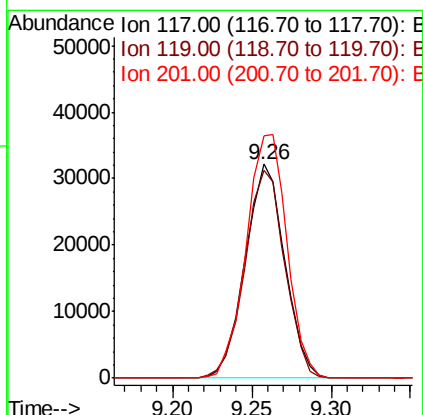
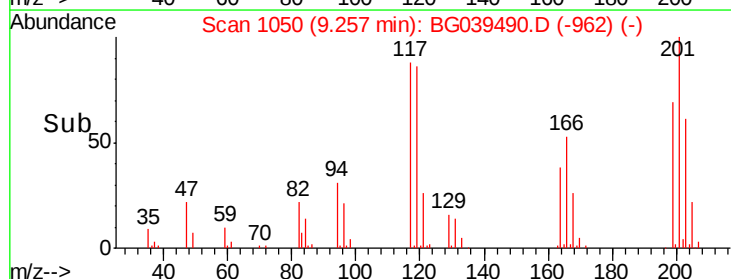
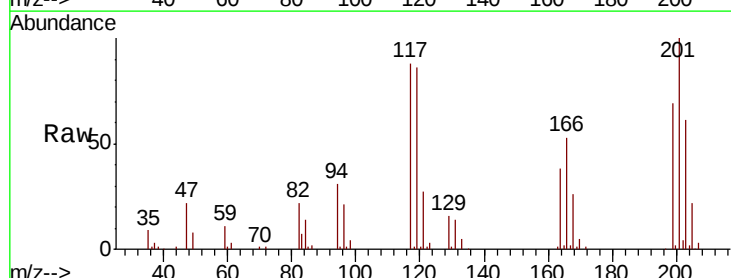
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

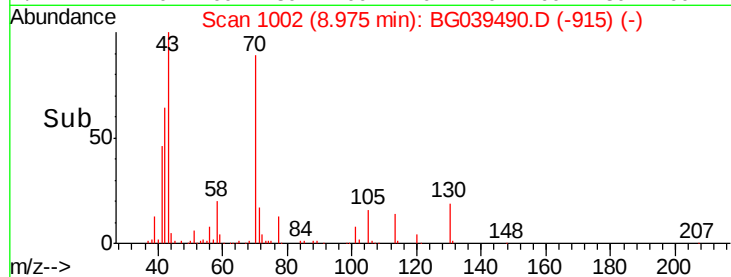
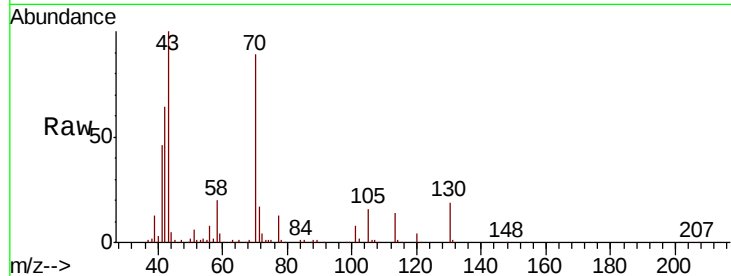
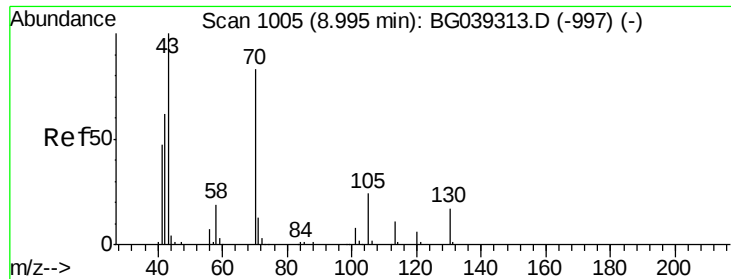
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 123854 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 120.2 | 90.8  | 136.2  |
| 77       | 52.3  | 40.7  | 61.1   |
| 79       | 49.3  | 40.6  | 60.8   |



#18  
Hexachloroethane  
Concen: 40.134 ng  
RT: 9.26 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 55720 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 97.3  | 76.3  | 114.5 |
| 201      | 113.1 | 91.1  | 136.7 |

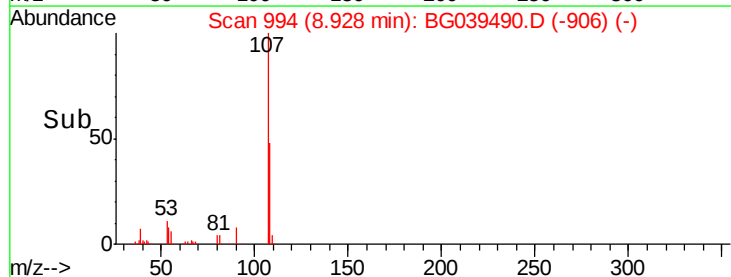
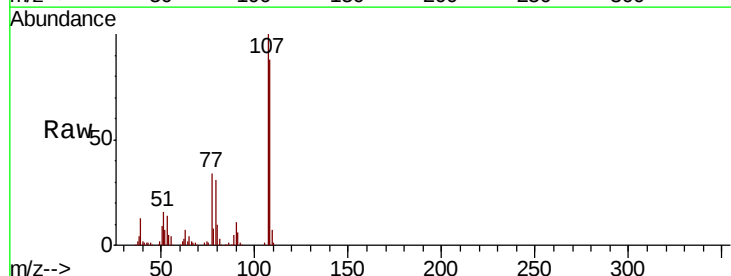
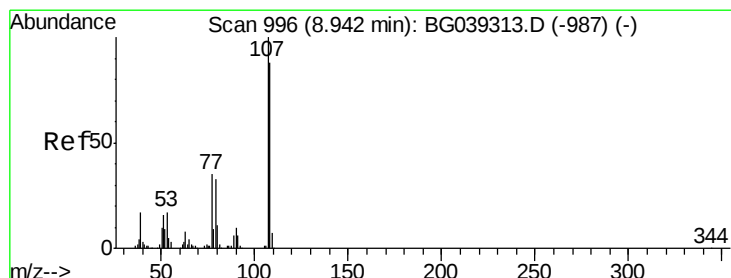
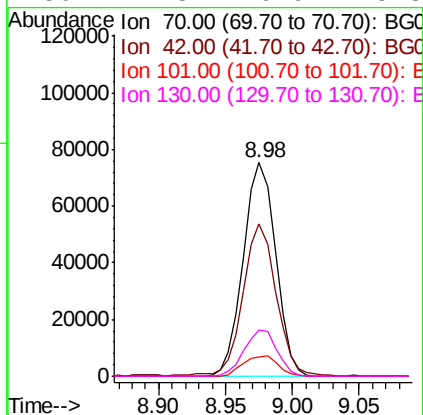




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.713 ng  
RT: 8.98 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

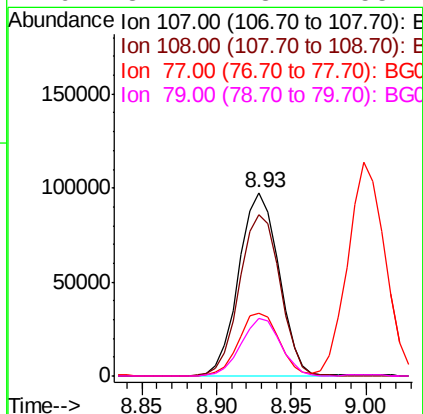
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

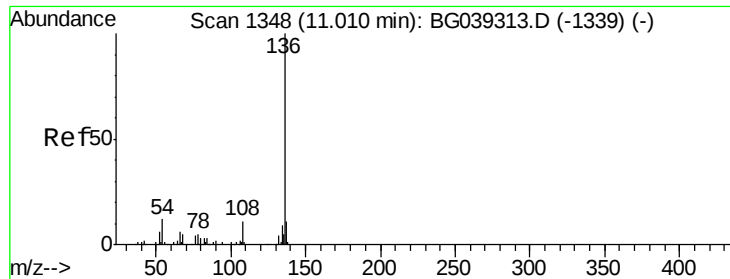
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 126856 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 71.4  | 60.4  | 90.6   |
| 101      | 8.9   | 7.5   | 11.3   |
| 130      | 21.8  | 16.9  | 25.3   |



#20  
3+4-Methylphenols  
Concen: 43.510 ng  
RT: 8.93 min Scan# 994  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 181904 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.1  | 67.9  | 107.9  |
| 77       | 34.1  | 15.4  | 55.4   |
| 79       | 31.1  | 13.7  | 53.7   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 234532

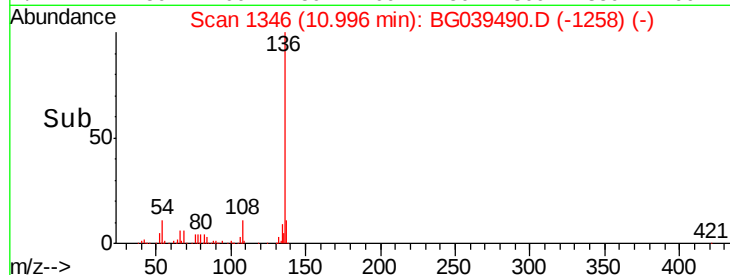
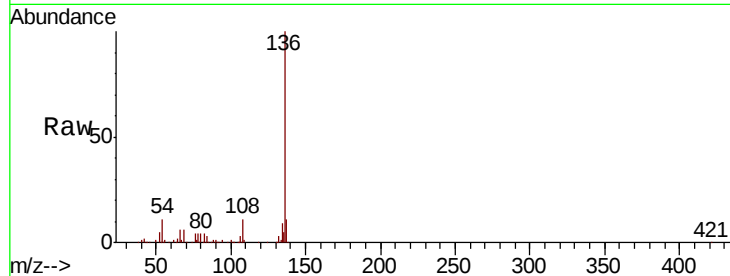
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 10.9 9.4 14.2

68 6.2 4.2 6.4



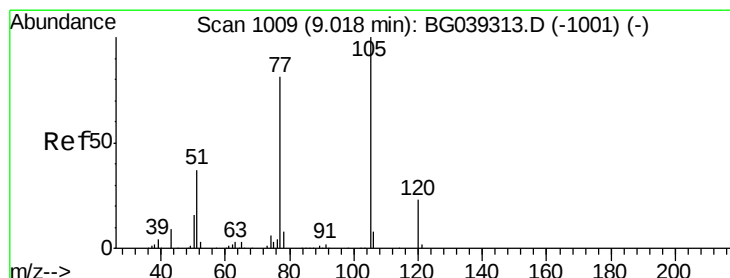
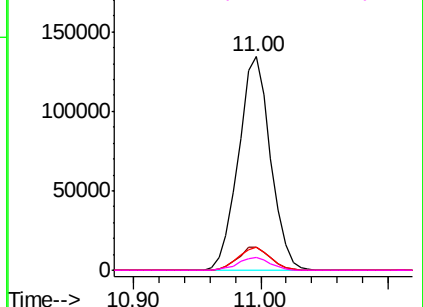
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 39.859 ng

RT: 9.00 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Tgt Ion:105 Resp: 251110

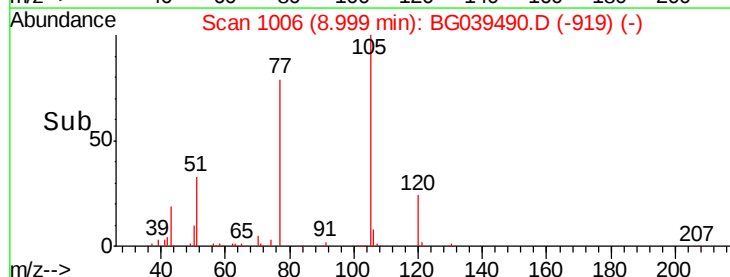
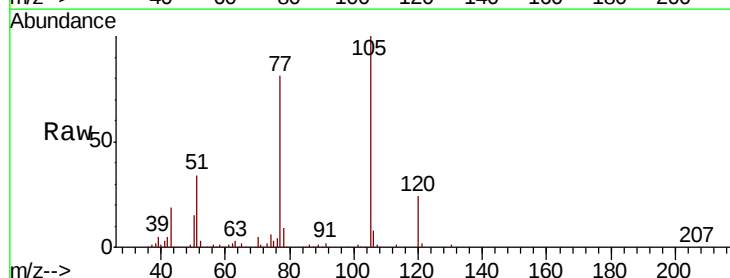
Ion Ratio Lower Upper

105 100

71 1.1 0.8 1.2

51 33.9 30.2 45.2

120 23.7 18.0 27.0



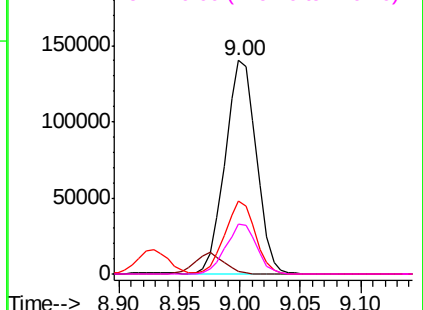
Abundance

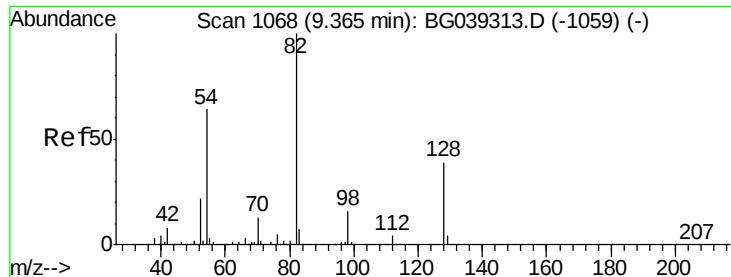
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

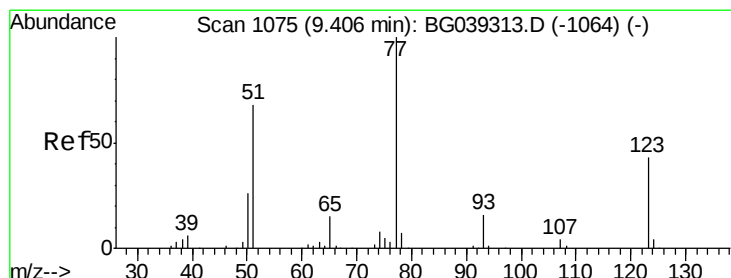
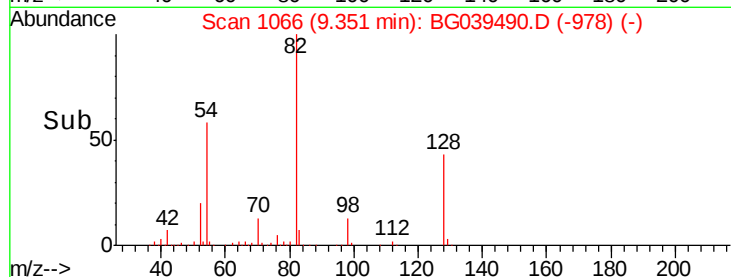
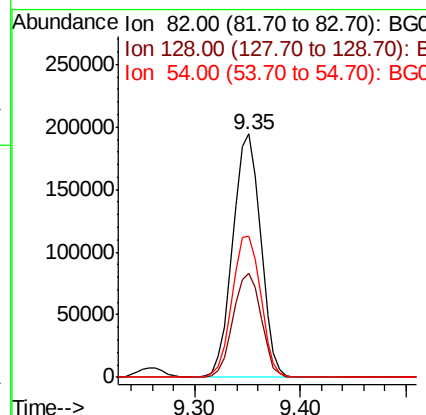
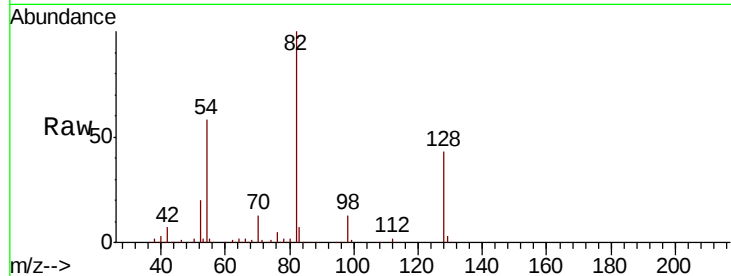




#23  
Nitrobenzene-d5  
Concen: 94.549 ng  
RT: 9.35 min Scan# 1066  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

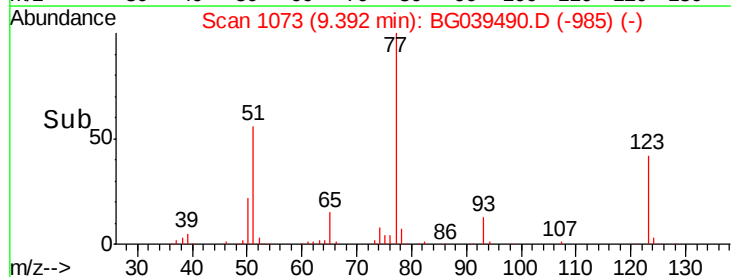
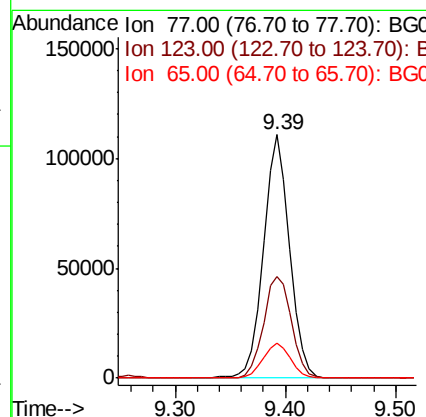
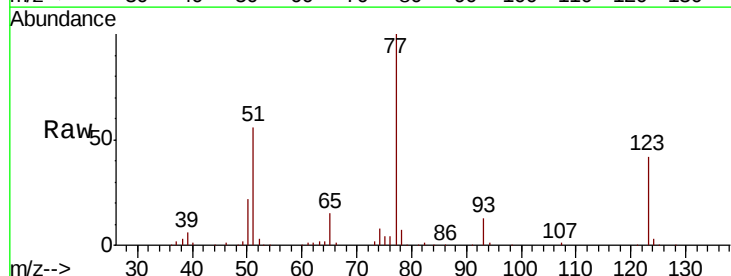
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

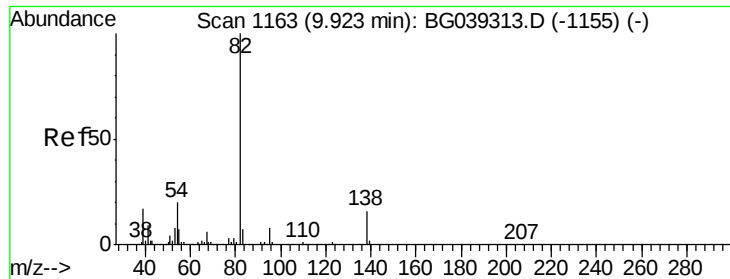
| Tot Ion   | 82    | Resp  | 354957 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 42.8  | 31.3  | 46.9   |
| 54        | 57.7  | 50.9  | 76.3   |



#24  
Nitrobenzene  
Concen: 45.046 ng  
RT: 9.39 min Scan# 1073  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

| Tgt Ion   | 77    | Resp  | 182697 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 41.9  | 34.1  | 51.1   |
| 65        | 14.5  | 12.3  | 18.5   |





#25

Isophorone

Concen: 38.333 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

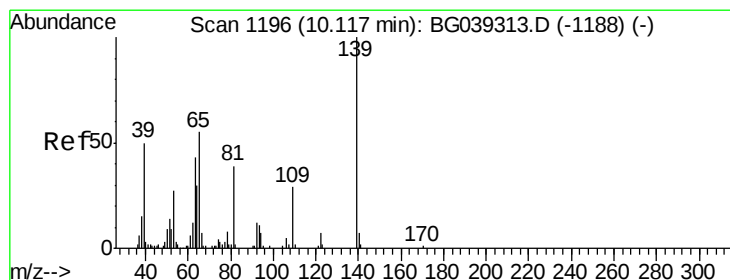
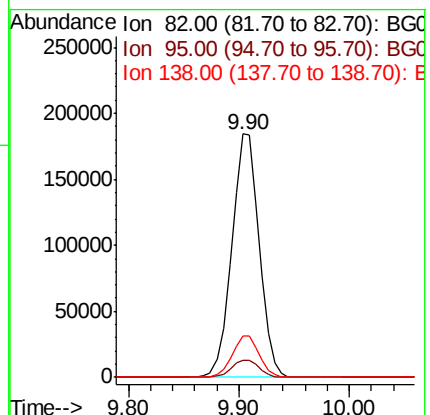
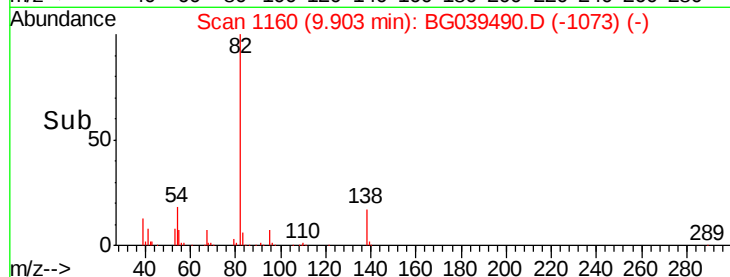
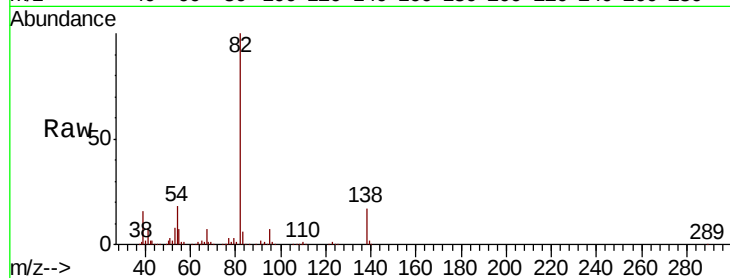
Tot Ion: 82 Resp: 318908

Ion Ratio Lower Upper

82 100

95 7.1 6.2 9.2

138 16.9 13.0 19.4



#26

2-Nitrophenol

Concen: 54.625 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

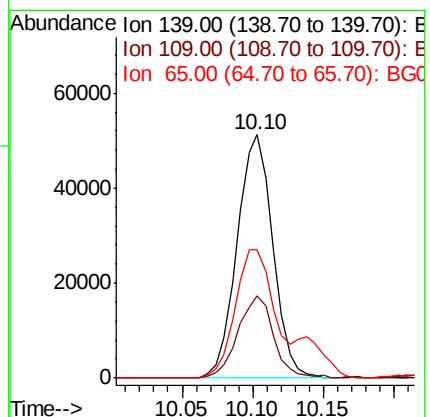
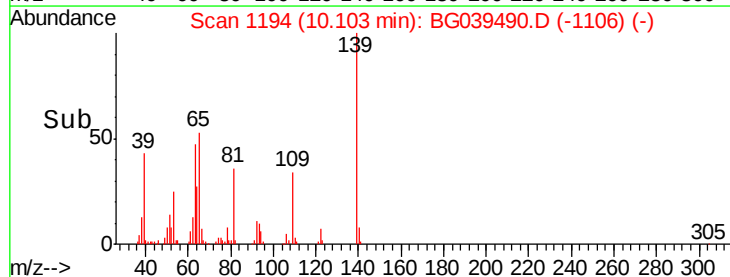
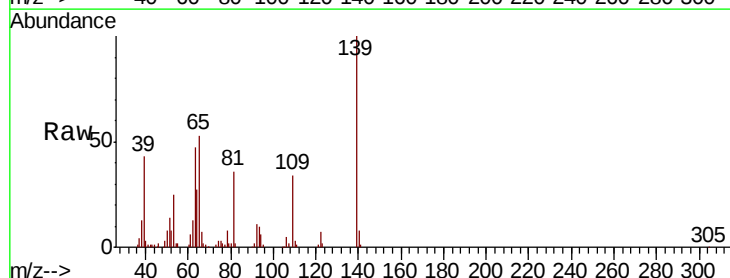
Tgt Ion: 139 Resp: 90687

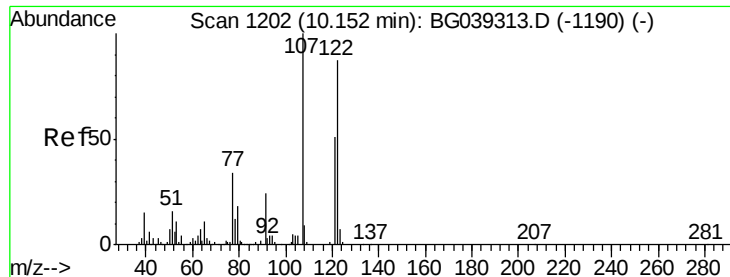
Ion Ratio Lower Upper

139 100

109 33.7 23.4 35.0

65 52.5 44.3 66.5

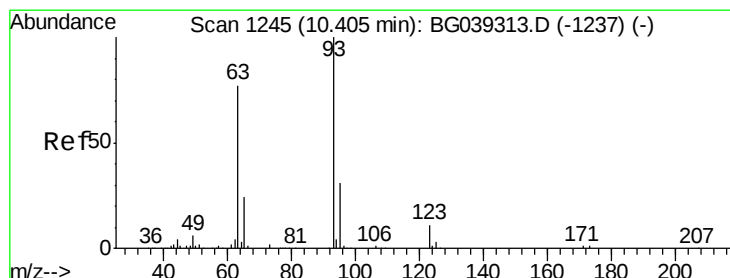
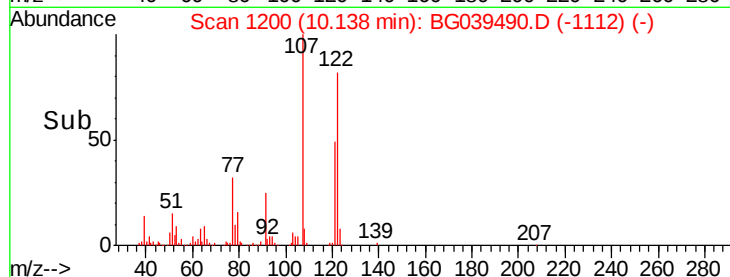
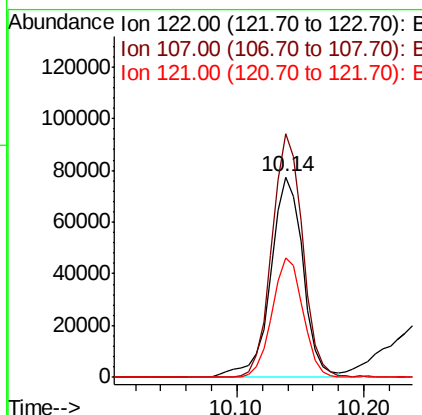
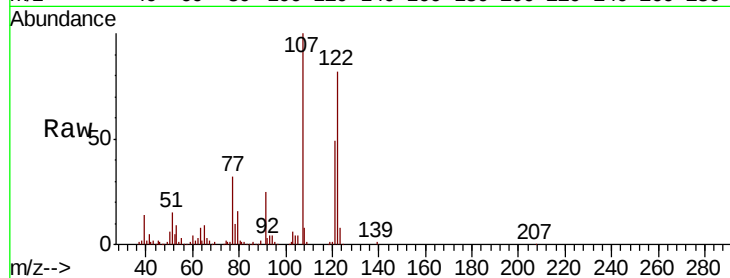




#27  
2,4-Dimethylphenol  
Concen: 40.895 ng  
RT: 10.14 min Scan# 1200  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

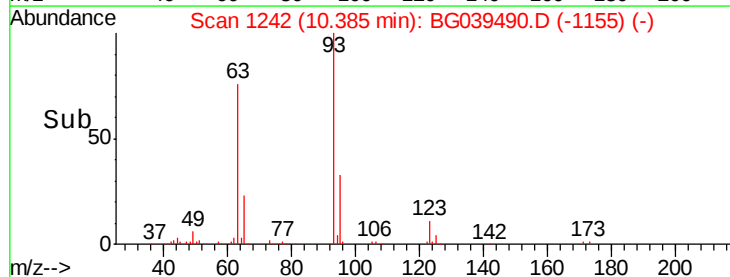
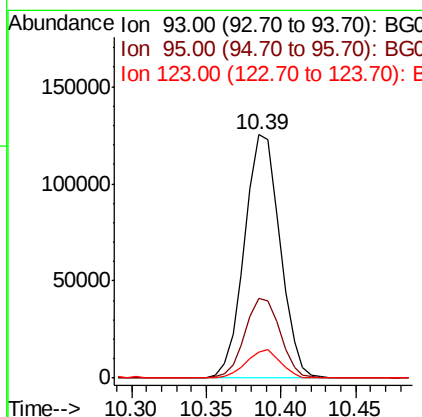
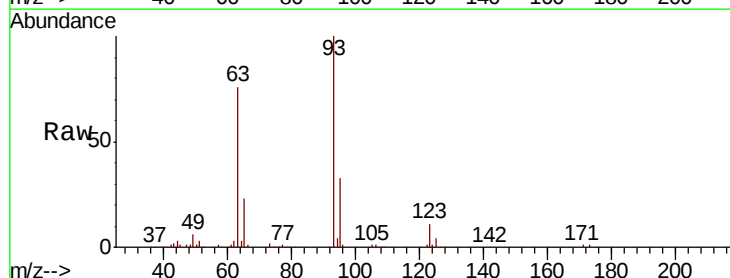
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

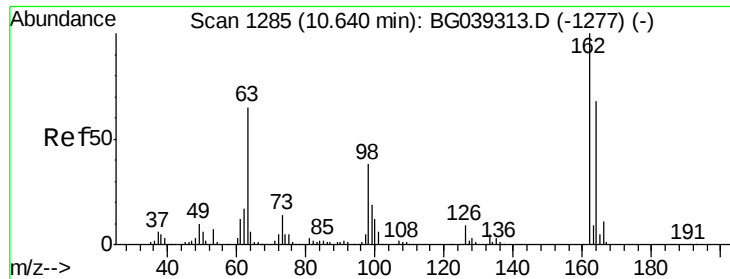
Tot Ion:122 Resp: 137627  
Ion Ratio Lower Upper  
122 100  
107 121.7 91.7 137.5  
121 59.4 46.4 69.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.424 ng  
RT: 10.39 min Scan# 1242  
Delta R.T. -0.02 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Tgt Ion: 93 Resp: 207141  
Ion Ratio Lower Upper  
93 100  
95 32.7 25.0 37.4  
123 10.8 8.6 12.8

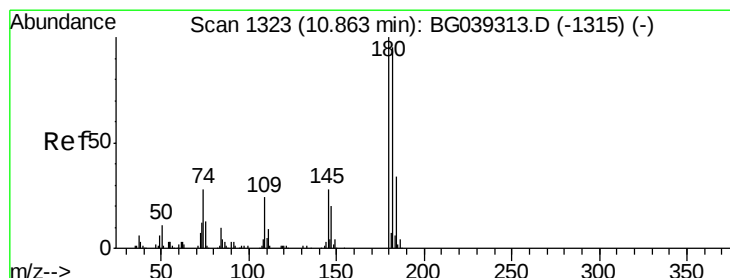
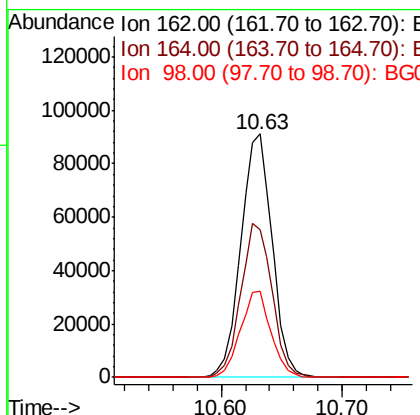
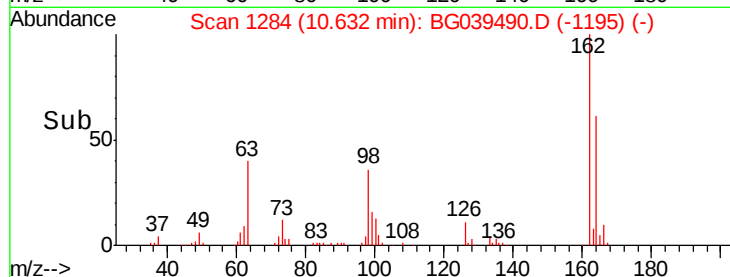
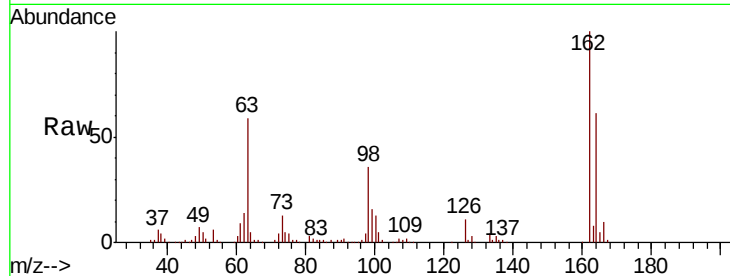




#29  
 2,4-Dichlorophenol  
 Concen: 44.726 ng  
 RT: 10.63 min Scan# 1284  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

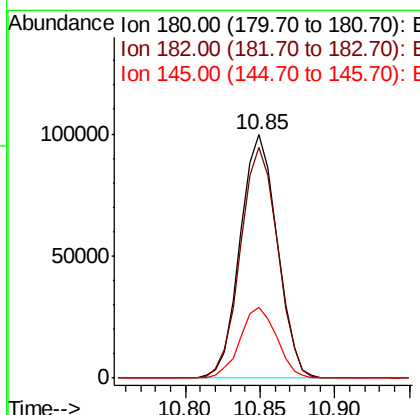
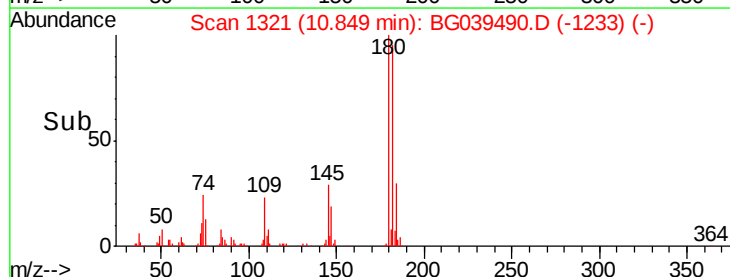
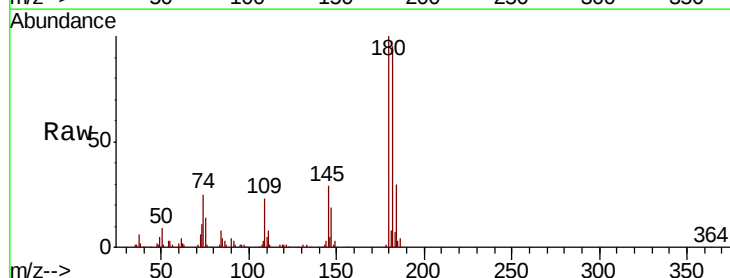
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

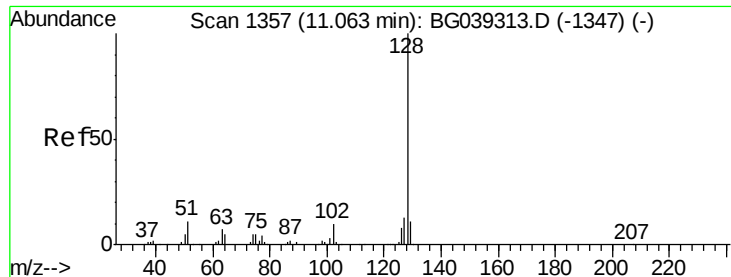
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 60.6  | 48.1  | 88.1  |
| 98      | 35.6  | 18.1  | 58.1  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.526 ng  
 RT: 10.85 min Scan# 1321  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 76.0  | 114.0 |
| 145     | 29.1  | 22.7  | 34.1  |





#31

Naphthalene

Concen: 39.727 ng

RT: 11.05 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

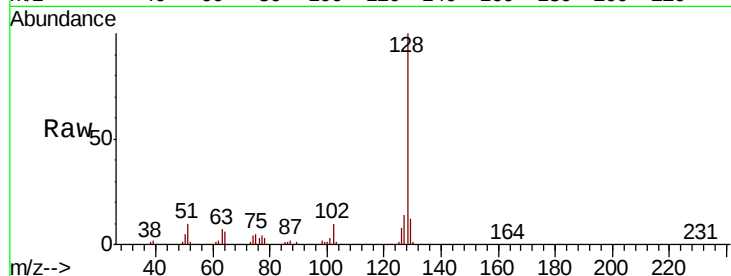
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:128 Resp: 462227

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 129 | 11.9  | 8.7   | 13.1  |
| 127 | 13.7  | 10.8  | 16.2  |

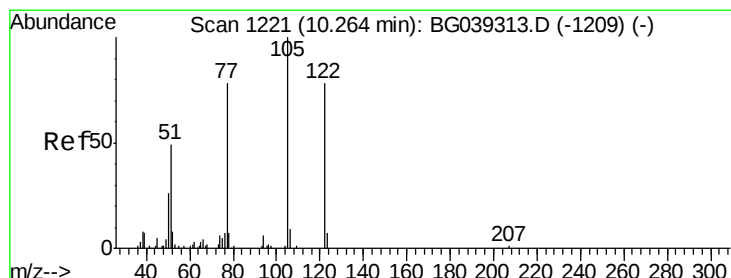
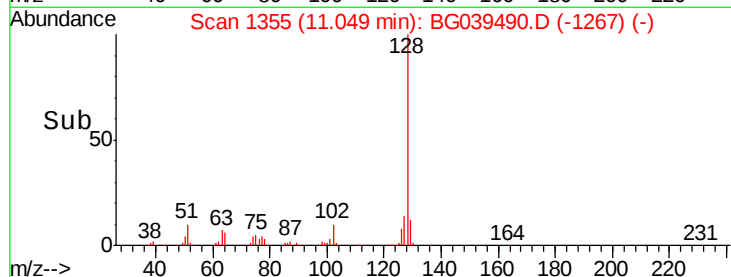
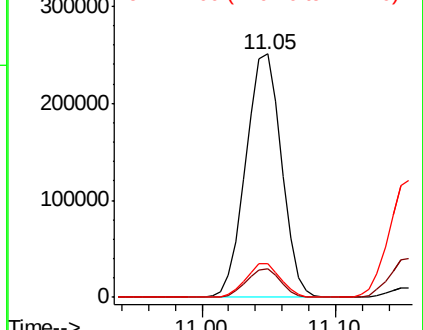


Abundance

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: 35.916 ng

RT: 10.24 min Scan# 1218

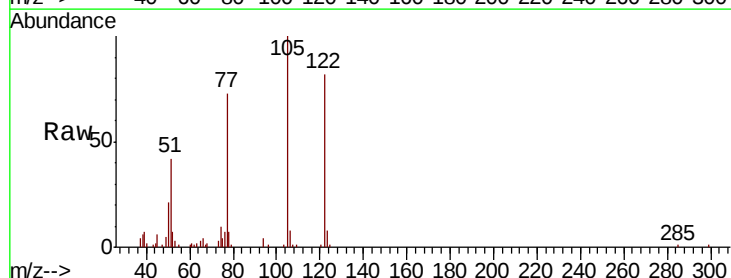
Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Tgt Ion:122 Resp: 72986

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 121.3 | 101.8 | 141.8 |
| 77  | 88.8  | 76.3  | 116.3 |

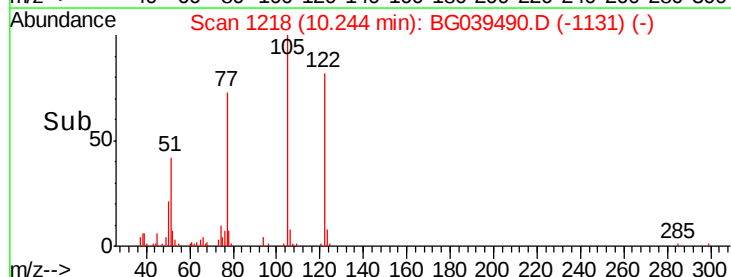
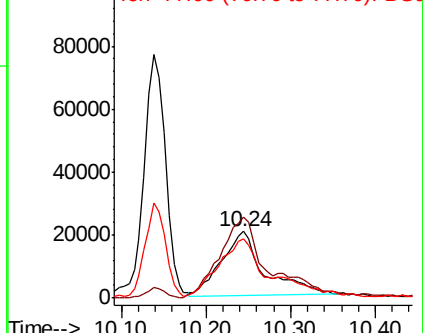


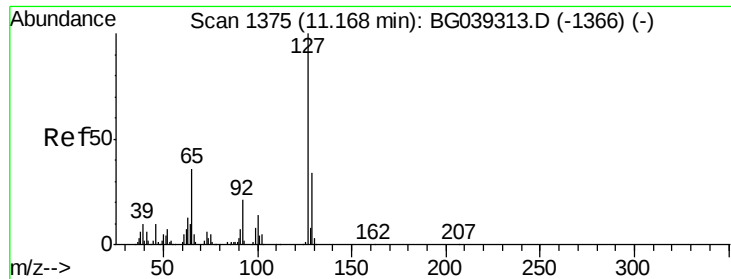
Abundance

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): BGC

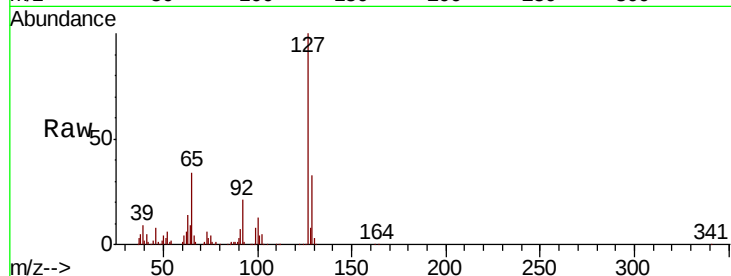




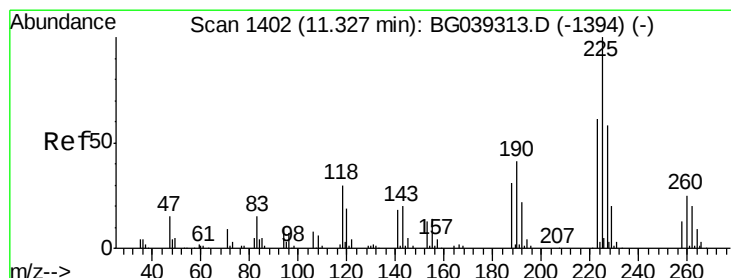
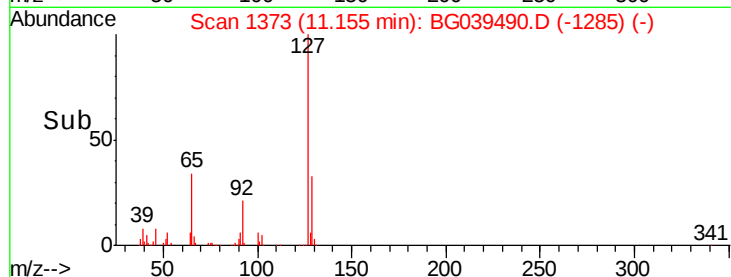
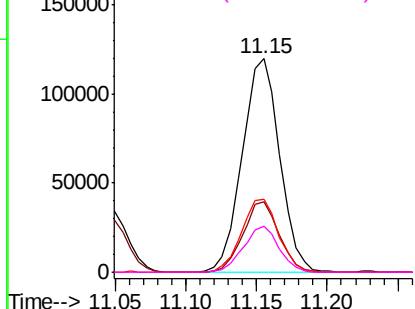
#33  
4-Chloroaniline  
Concen: 41.339 ng  
RT: 11.15 min Scan# 1373  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|             |       |        |
|-------------|-------|--------|
| Tot Ion:127 | Resp: | 223014 |
| Ion Ratio   | Lower | Upper  |
| 127 100     |       |        |
| 129 33.2    | 27.0  | 40.4   |
| 65 33.9     | 28.8  | 43.2   |
| 92 21.4     | 16.6  | 25.0   |

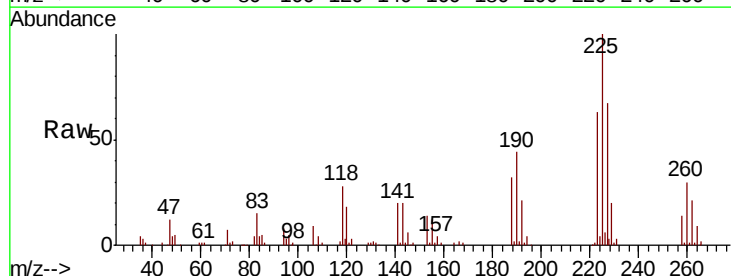


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

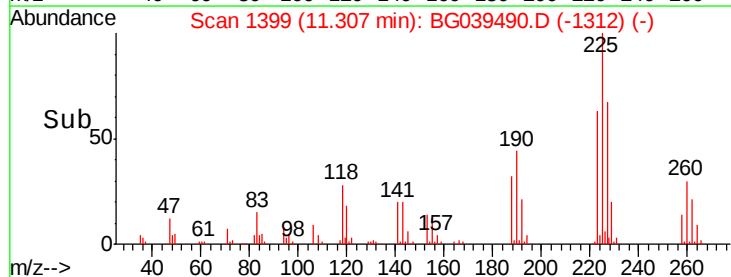
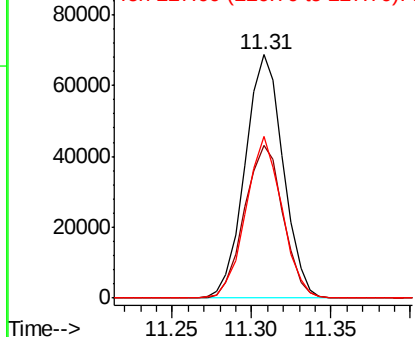


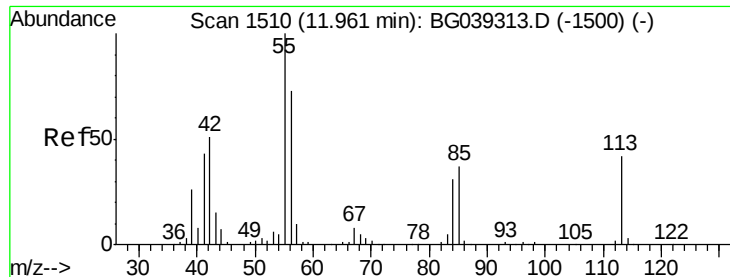
#34  
Hexachlorobutadiene  
Concen: 41.795 ng  
RT: 11.31 min Scan# 1399  
Delta R.T. -0.02 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

|         |       |             |              |
|---------|-------|-------------|--------------|
| Tgt Ion | 225   | Resp: Lower | 114776 Upper |
|         | Ratio |             |              |
| 225     | 100   |             |              |
| 223     | 62.5  | 49.0        | 73.6         |
| 227     | 66.5  | 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: 44.195 ng

RT: 11.95 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

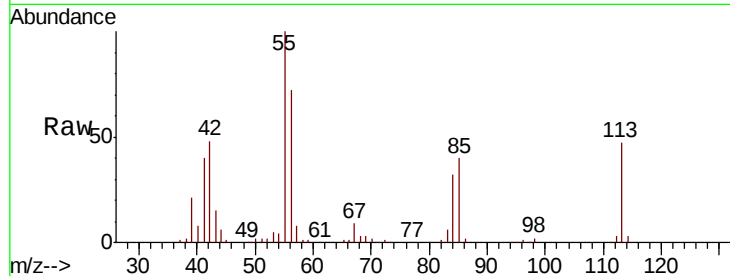
Tot Ion:113 Resp: 67267

Ion Ratio Lower Upper

113 100

55 210.6 216.9 256.9#

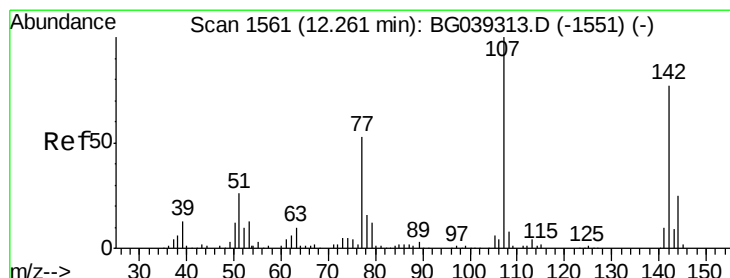
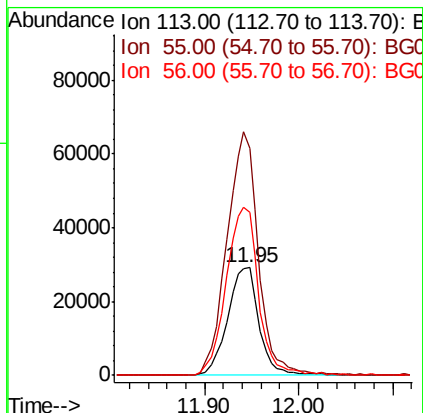
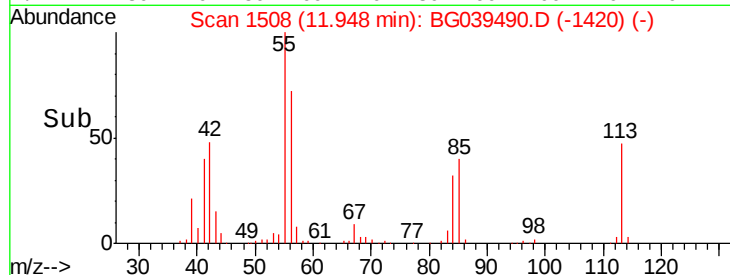
56 152.0 152.6 192.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG039313.D (-1500) (-)

Ion 56.00 (55.70 to 56.70): BG039313.D (-1500) (-)



#36

4-Chloro-3-methylphenol

Concen: 43.607 ng

RT: 12.25 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

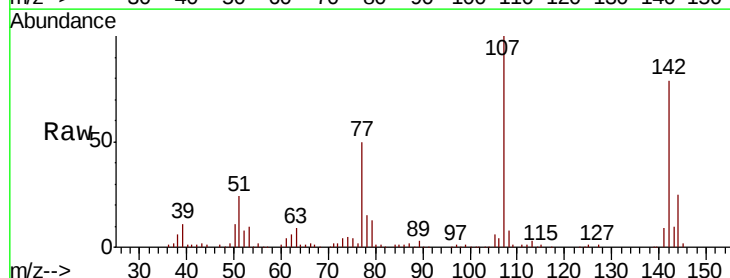
Tgt Ion:107 Resp: 185492

Ion Ratio Lower Upper

107 100

144 24.8 20.2 30.2

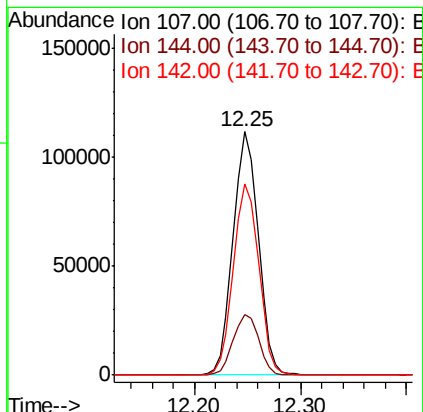
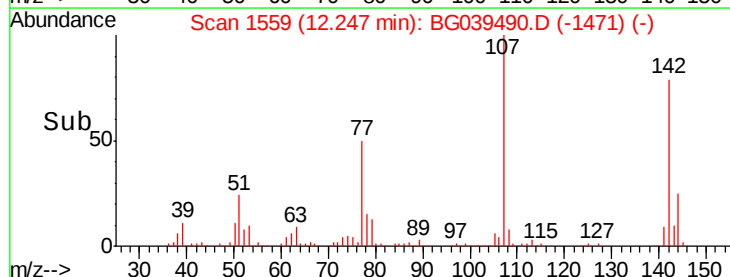
142 78.8 61.4 92.2

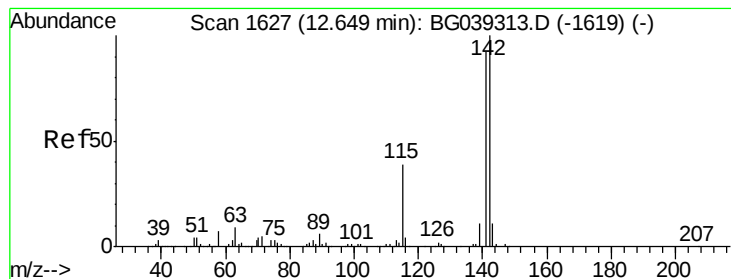


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.719 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

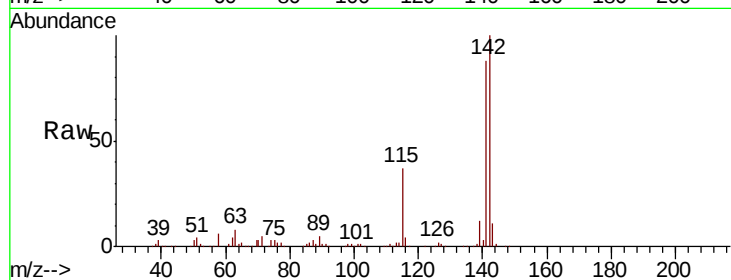
Tot Ion:142 Resp: 342275

Ion Ratio Lower Upper

142 100

141 88.1 73.5 110.3

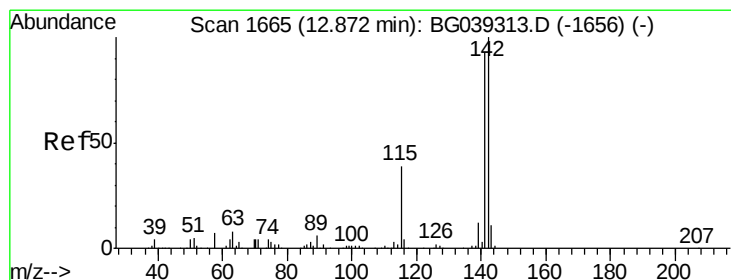
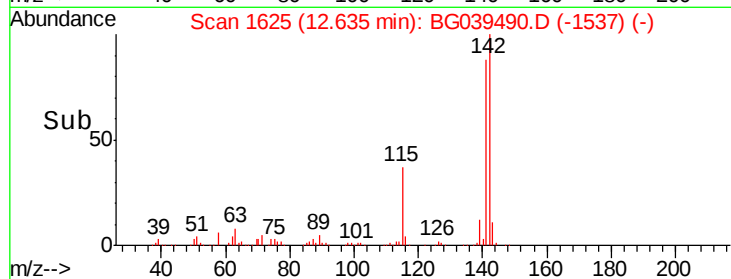
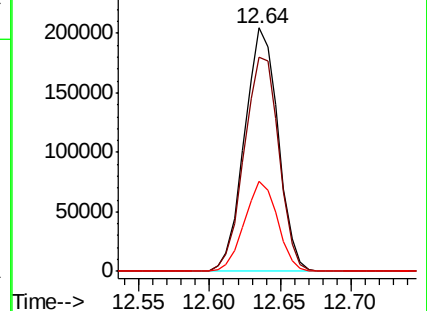
115 37.2 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.918 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

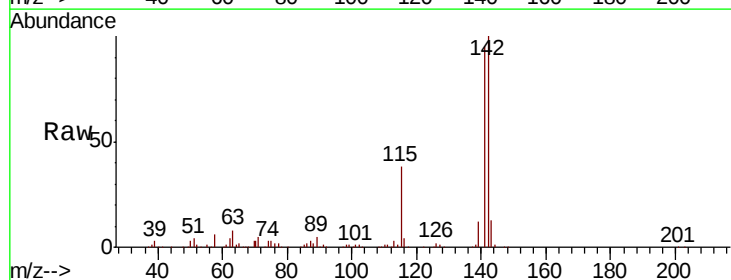
Tgt Ion:142 Resp: 331592

Ion Ratio Lower Upper

142 100

141 95.1 74.2 111.4

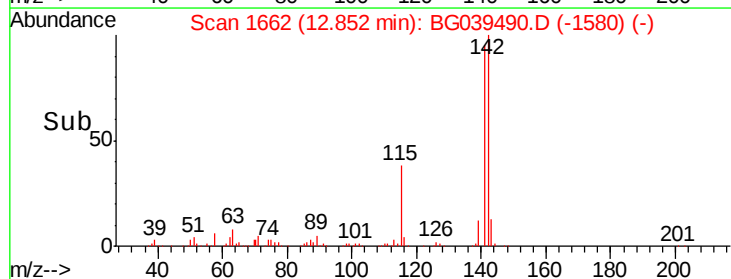
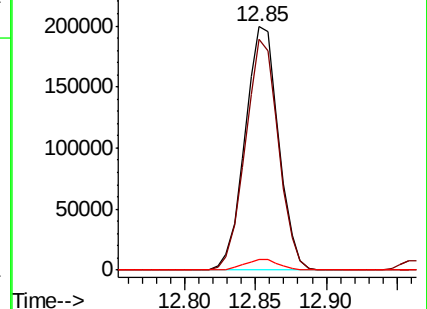
116 4.2 3.0 4.6

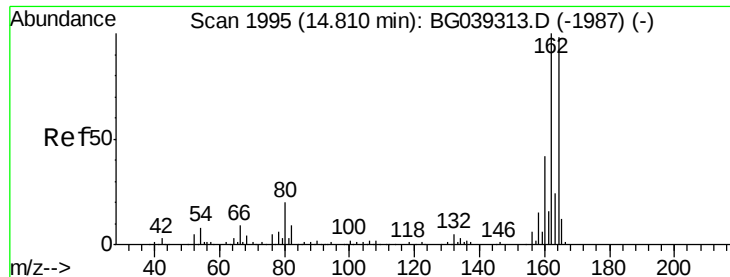


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

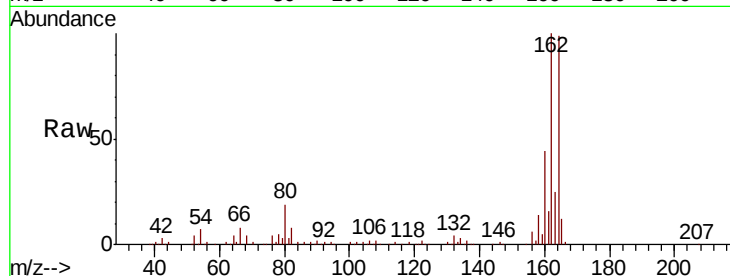
Tot Ion:164 Resp: 162889

Ion Ratio Lower Upper

164 100

162 101.1 81.6 122.4

160 44.9 34.2 51.2

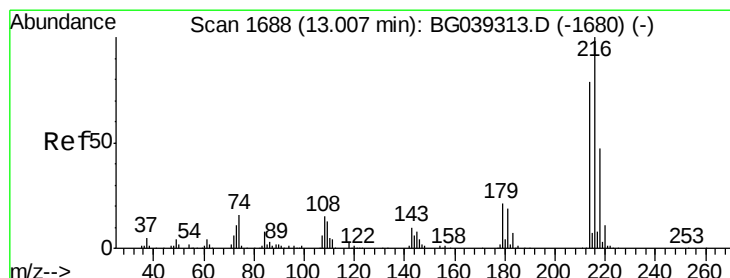
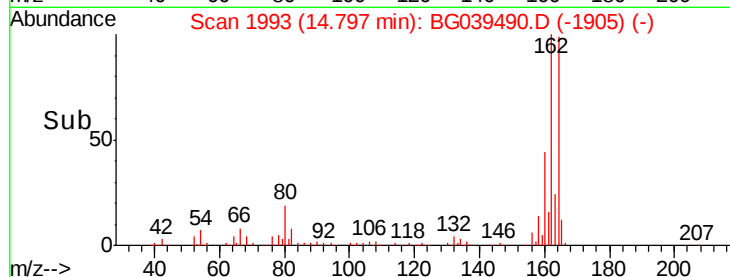
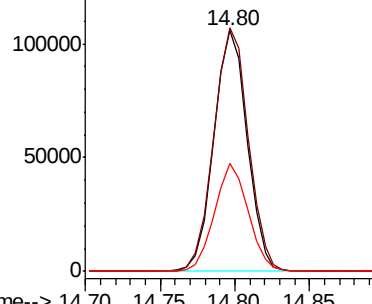


Abundance

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: 41.512 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Tgt Ion:216 Resp: 215144

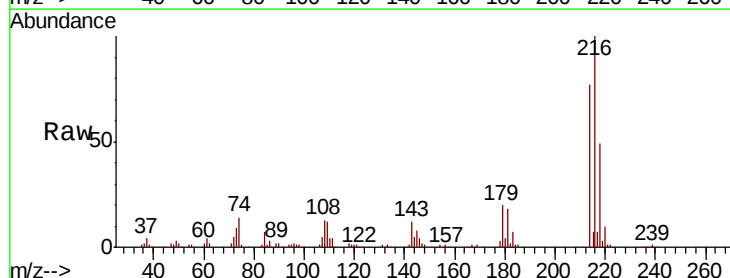
Ion Ratio Lower Upper

216 100

214 78.1 62.6 94.0

179 20.1 16.6 25.0

108 15.8 14.0 21.0



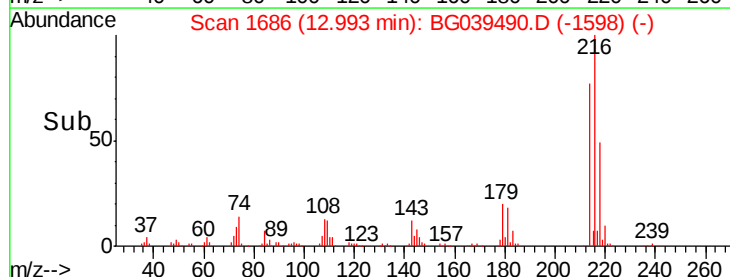
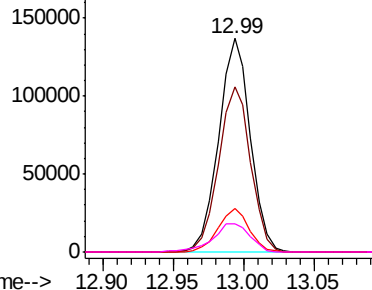
Abundance

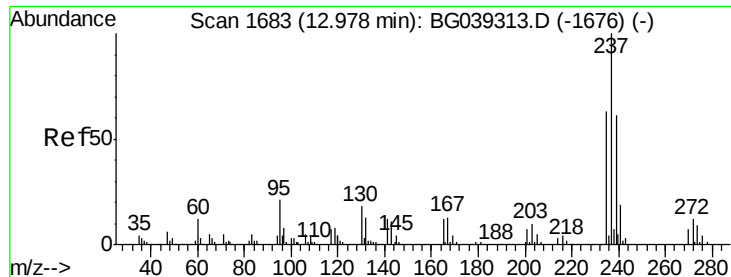
Ion 216.00 (215.70 to 216.70): E

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: 36.696 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

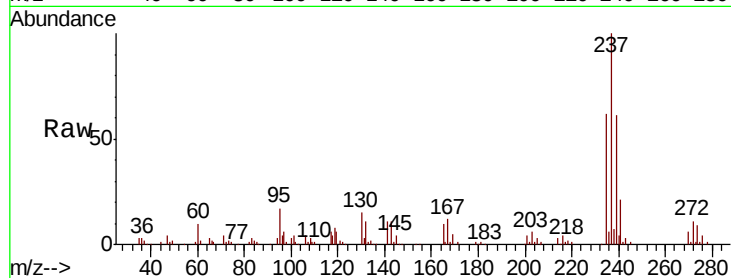
Tot Ion:237 Resp: 103633

Ion Ratio Lower Upper

237 100

235 61.7 43.3 83.3

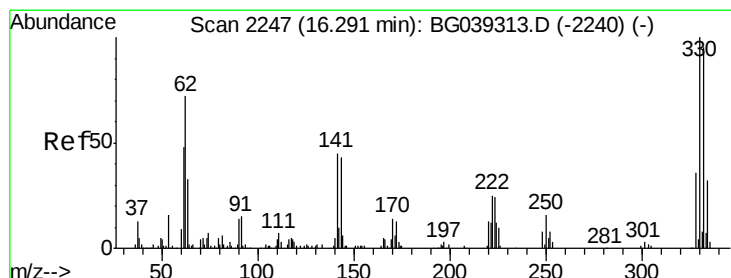
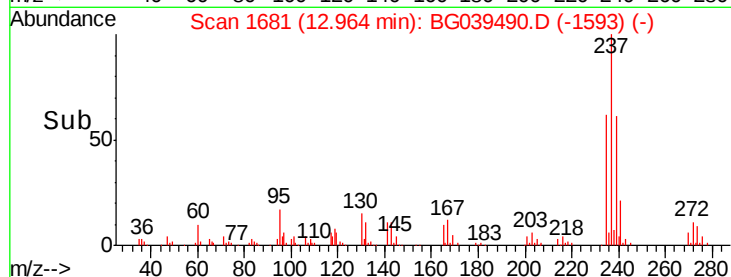
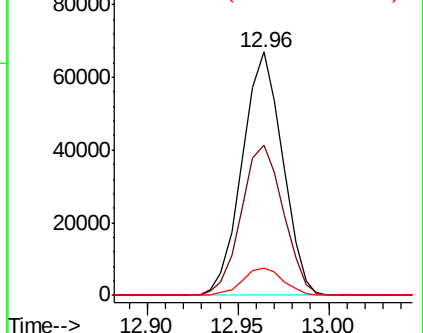
272 11.3 0.0 32.3



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: 89.325 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

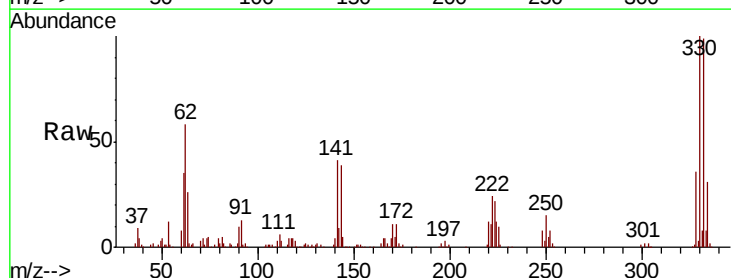
Tgt Ion:330 Resp: 156680

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

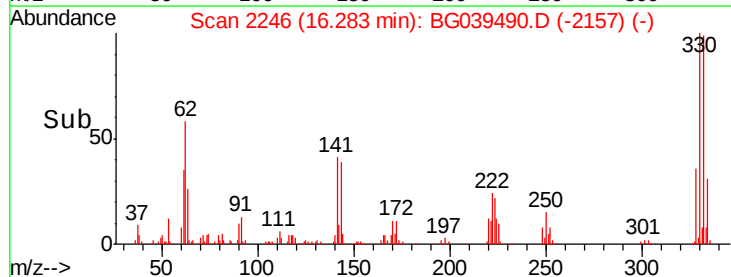
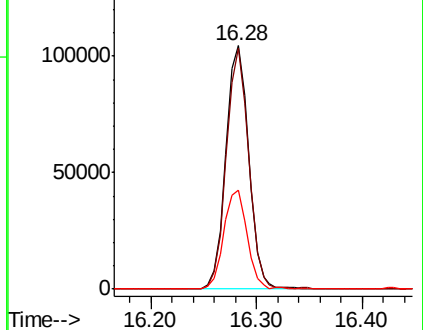
141 41.6 35.6 53.4

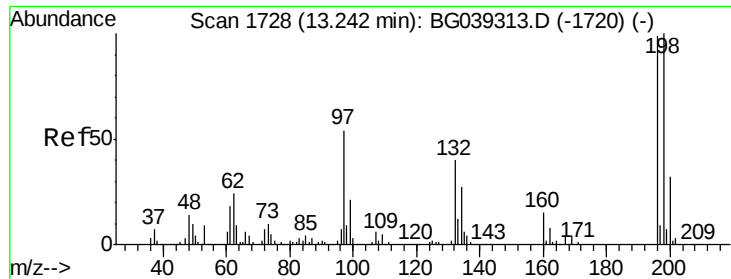


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

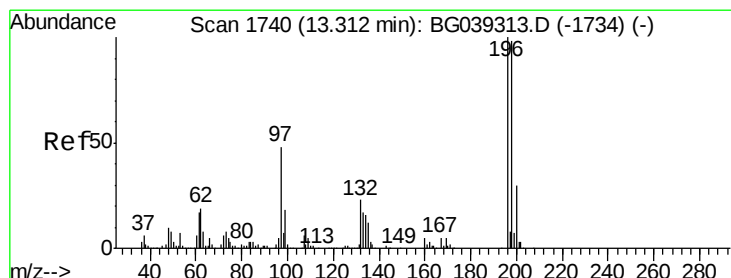
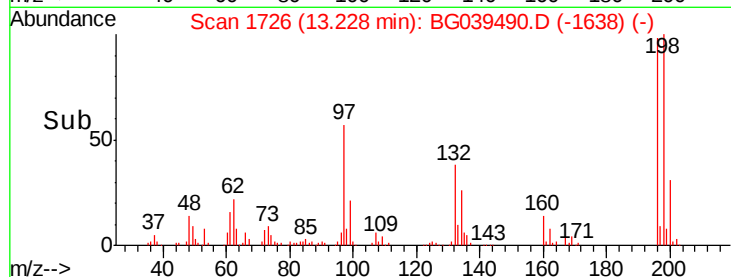
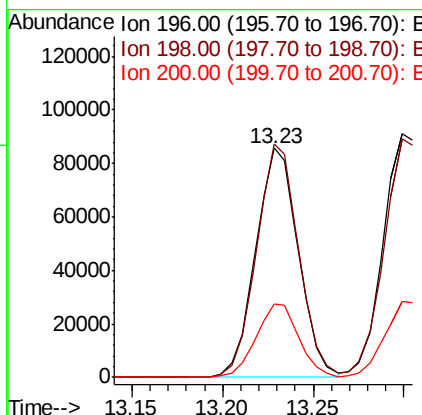
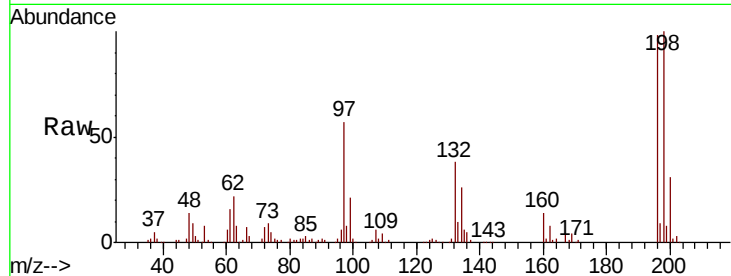




#43  
 2,4,6-Trichlorophenol  
 Concen: 44.155 ng  
 RT: 13.23 min Scan# 1726  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

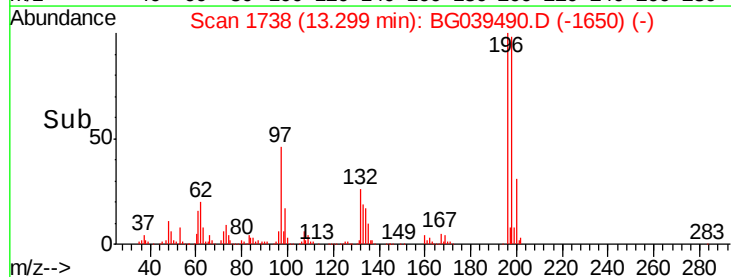
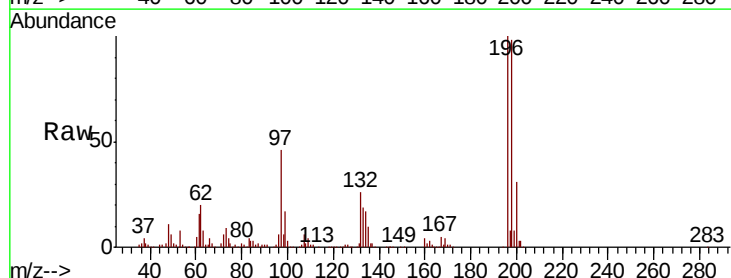
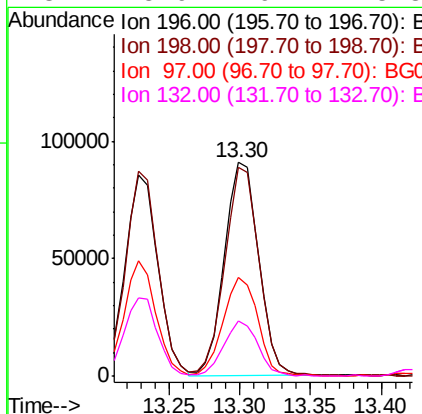
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDC040

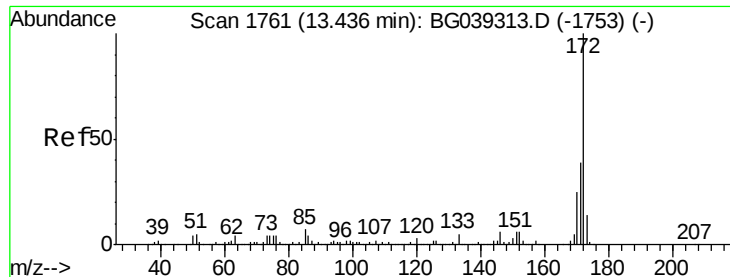
Tot Ion:196 Resp: 140702  
 Ion Ratio Lower Upper  
 196 100  
 198 101.9 80.6 121.0  
 200 32.0 26.1 39.1



#44  
 2,4,5-Trichlorophenol  
 Concen: 46.160 ng  
 RT: 13.30 min Scan# 1738  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

Tgt Ion:196 Resp: 154166  
 Ion Ratio Lower Upper  
 196 100  
 198 98.0 78.5 117.7  
 97 46.4 38.4 57.6  
 132 25.9 19.2 28.8

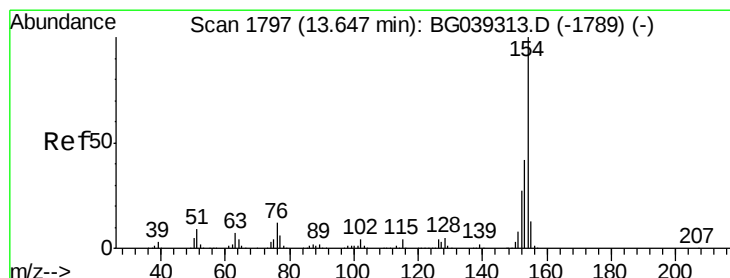
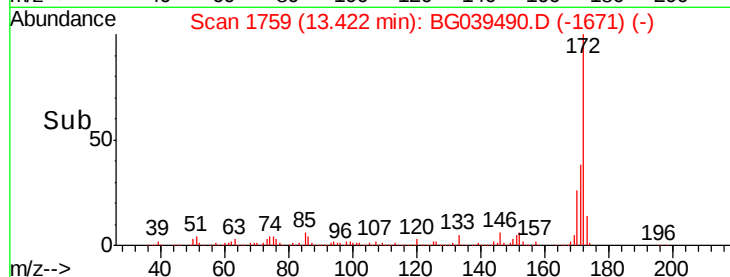
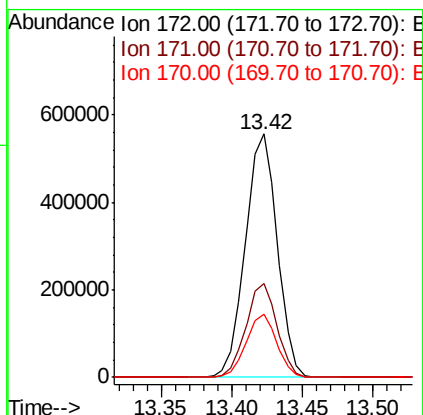
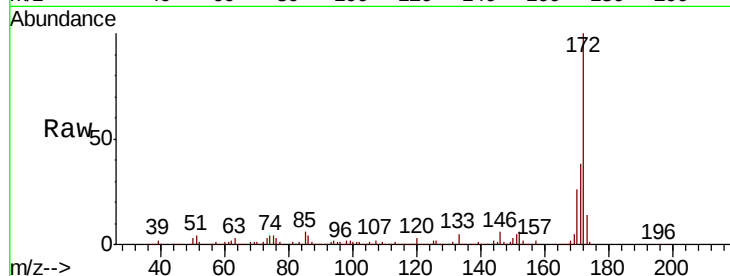




#45  
 2-Fluorobiphenyl  
 Concen: 77.478 ng  
 RT: 13.42 min Scan# 1759  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

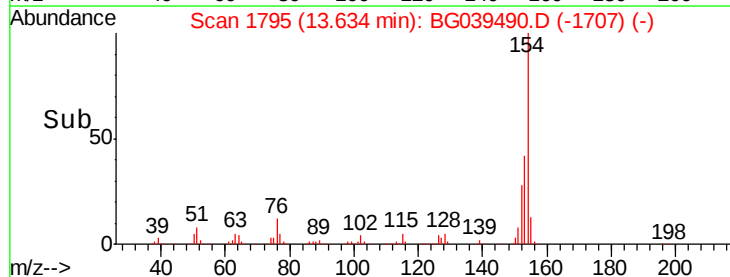
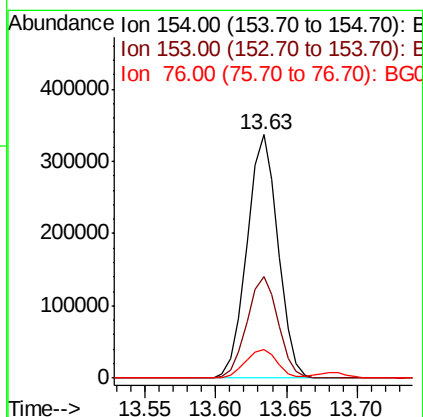
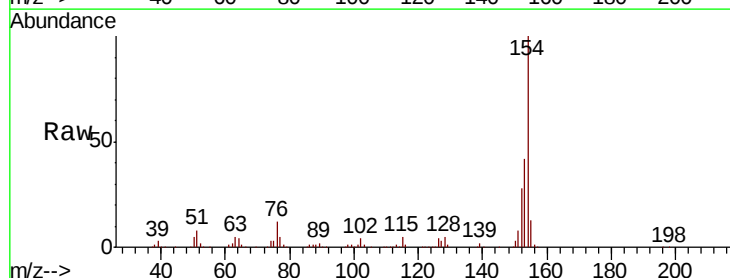
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

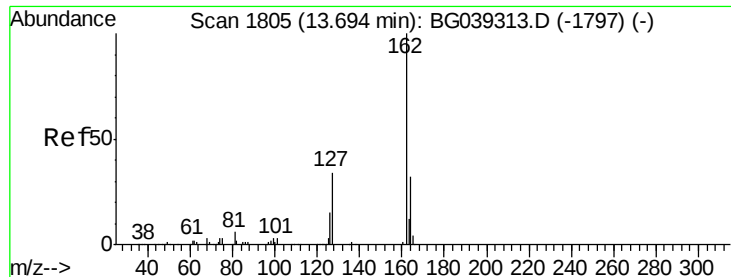
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.5  | 30.8  | 46.2  |
| 170     | 25.8  | 20.2  | 30.4  |



#46  
 1,1'-Biphenyl  
 Concen: 38.298 ng  
 RT: 13.63 min Scan# 1795  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.0  | 22.1  | 62.1  |
| 76      | 11.9  | 0.0   | 32.4  |

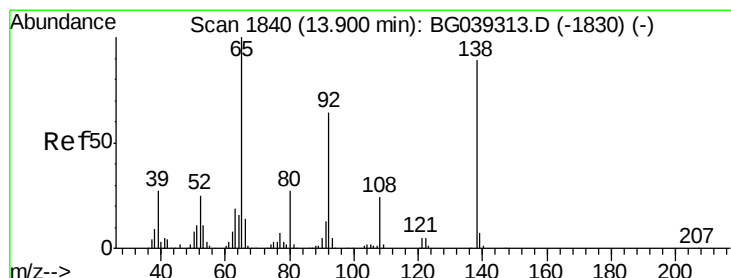
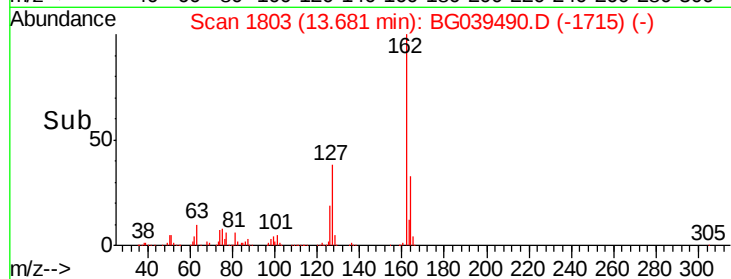
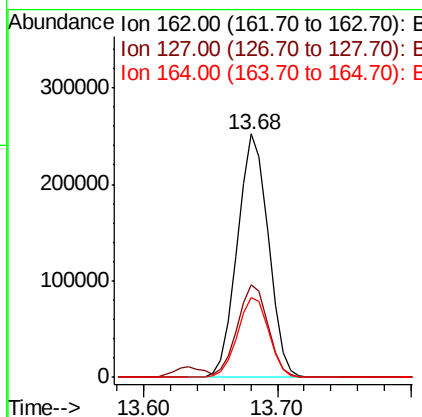
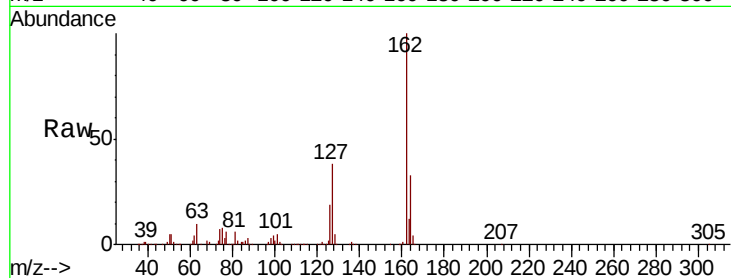




#47  
2-Chloronaphthalene  
Concen: 39.665 ng  
RT: 13.68 min Scan# 1803  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

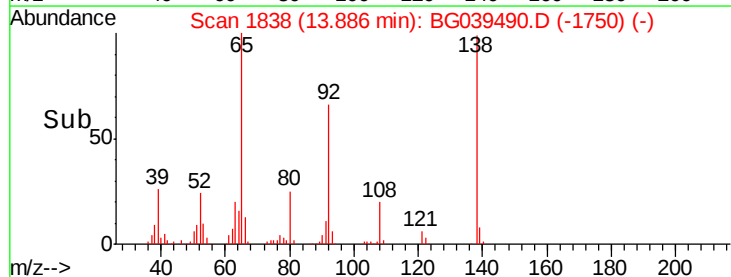
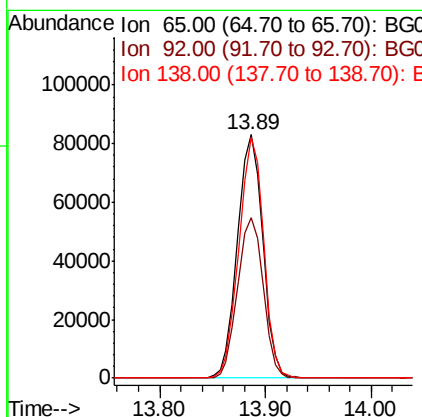
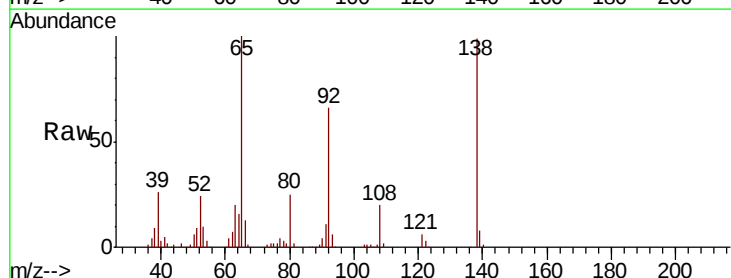
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

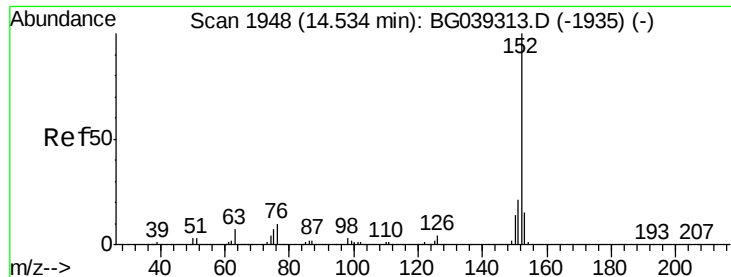
Tot Ion:162 Resp: 404407  
Ion Ratio Lower Upper  
162 100  
127 37.8 31.0 46.6  
164 32.7 25.7 38.5



#48  
2-Nitroaniline  
Concen: 47.127 ng  
RT: 13.89 min Scan# 1838  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Tgt Ion: 65 Resp: 137489  
Ion Ratio Lower Upper  
65 100  
92 66.0 51.4 77.2  
138 98.8 71.4 107.2





#49

Acenaphthylene

Concen: 39.172 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

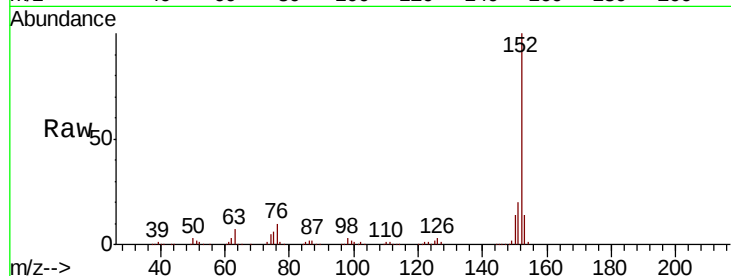
Tot Ion:152 Resp: 602631

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

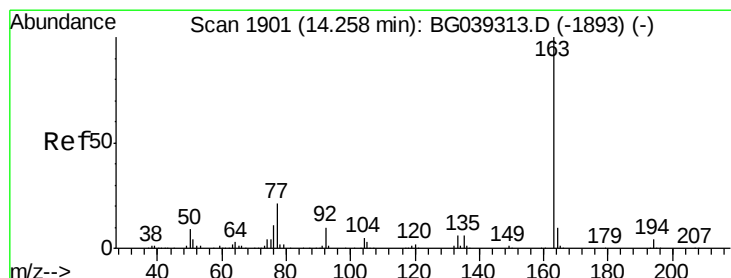
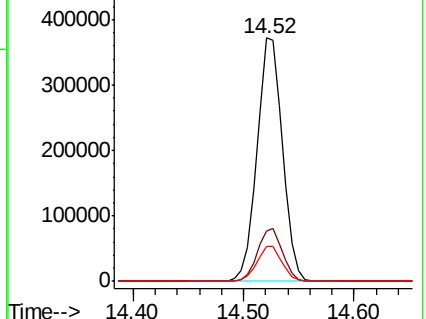
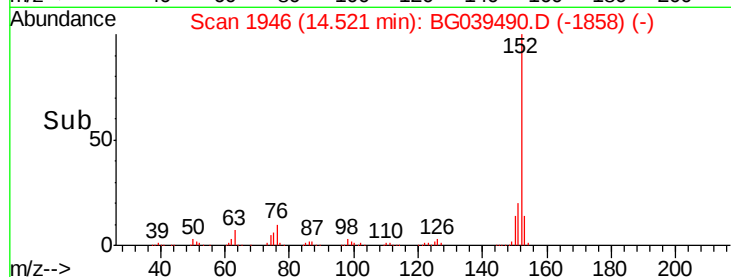
153 14.5 11.7 17.5



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: 39.506 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

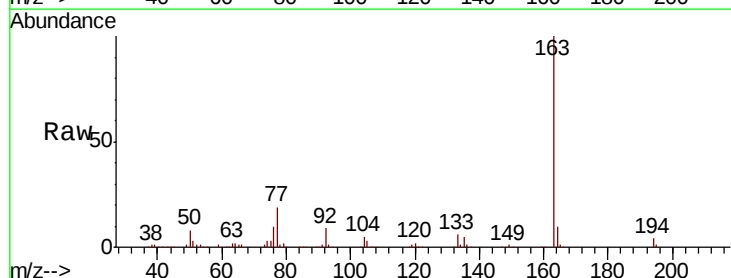
Tgt Ion:163 Resp: 519729

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

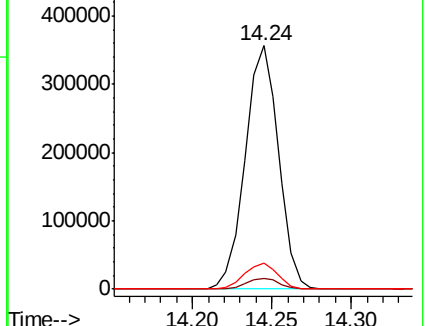
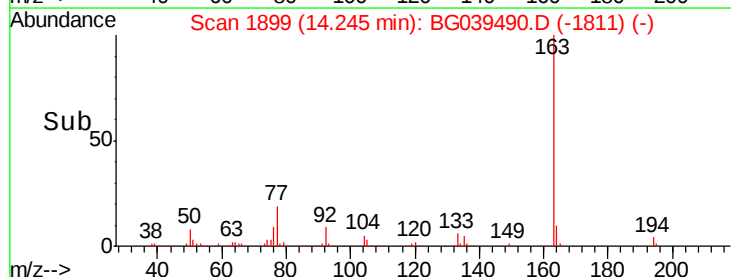
164 10.5 8.4 12.6

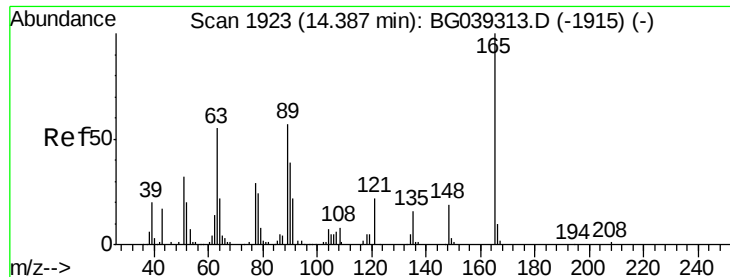


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 46.995 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

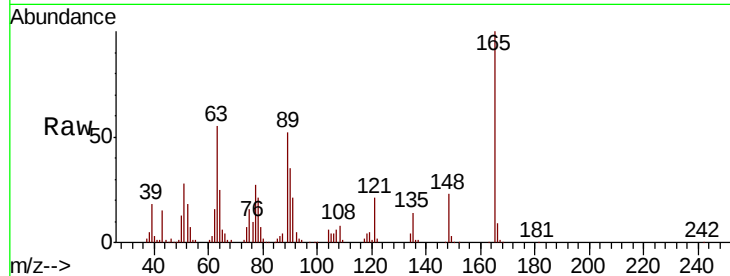
Tot Ion:165 Resp: 115155

Ion Ratio Lower Upper

165 100

63 55.0 47.0 70.6

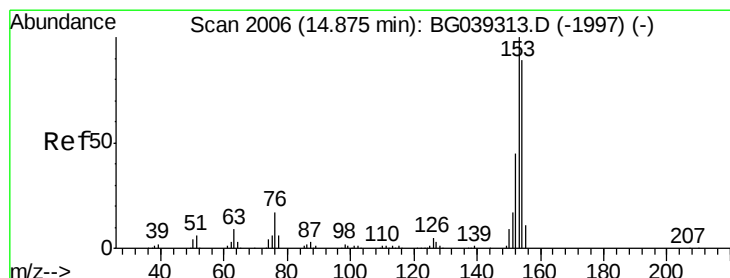
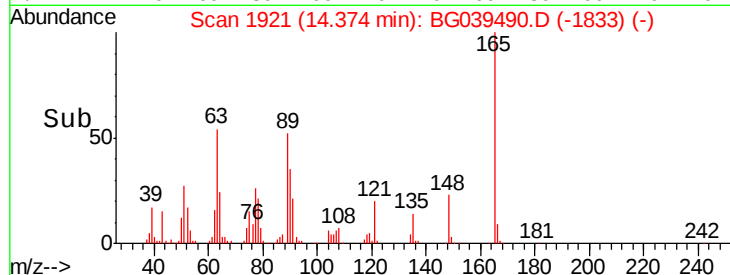
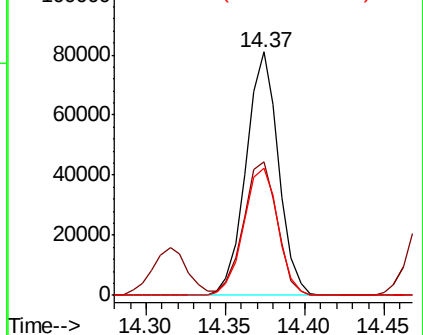
89 52.4 45.8 68.8



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



#52

Acenaphthene

Concen: 39.421 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

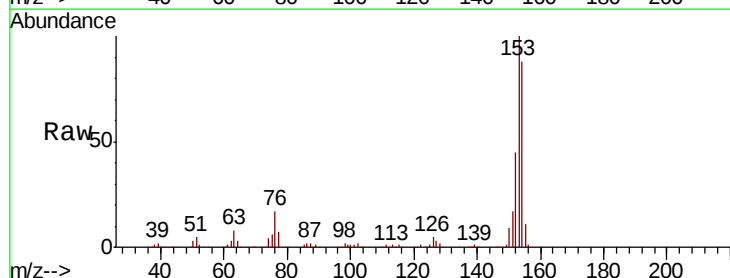
Tgt Ion:154 Resp: 393661

Ion Ratio Lower Upper

154 100

153 114.2 90.1 135.1

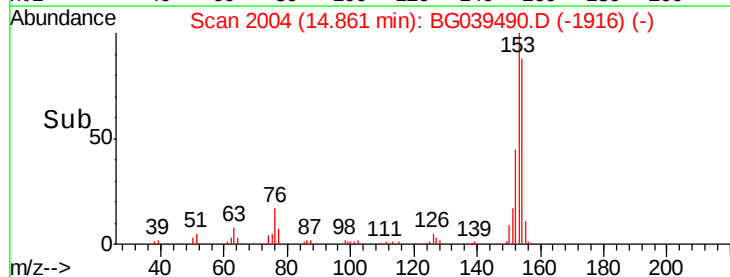
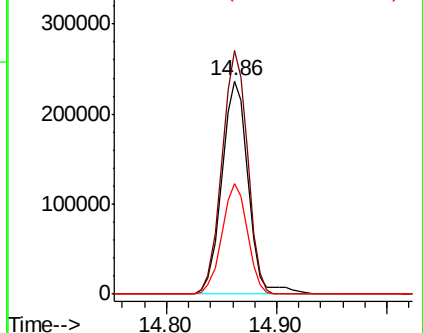
152 51.6 40.9 61.3

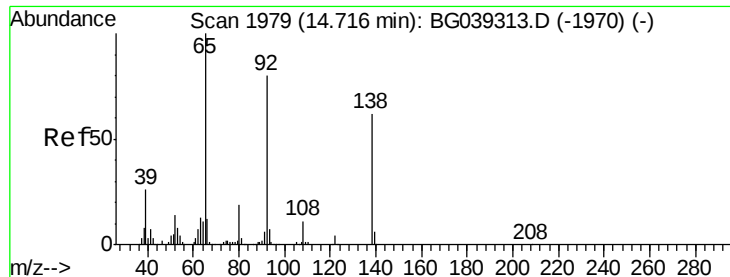


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

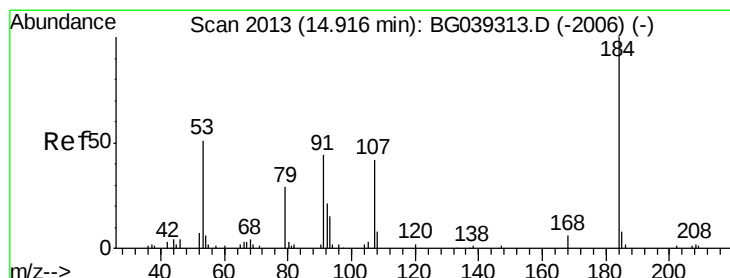
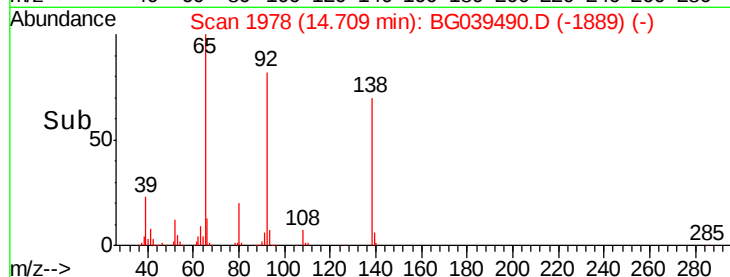
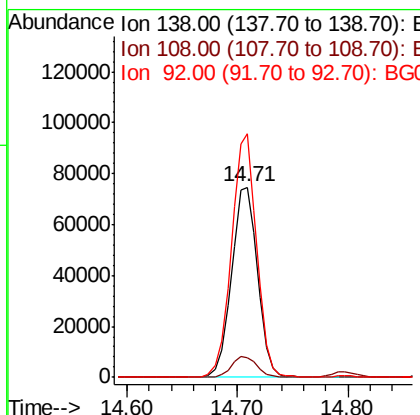
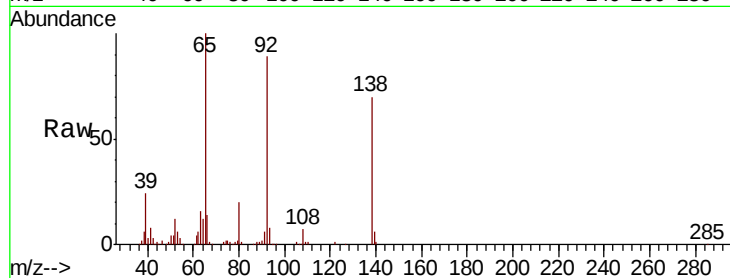




#53  
3-Nitroaniline  
Concen: 46.630 ng  
RT: 14.71 min Scan# 1978  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

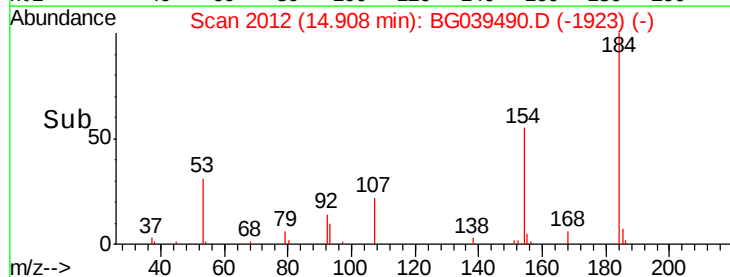
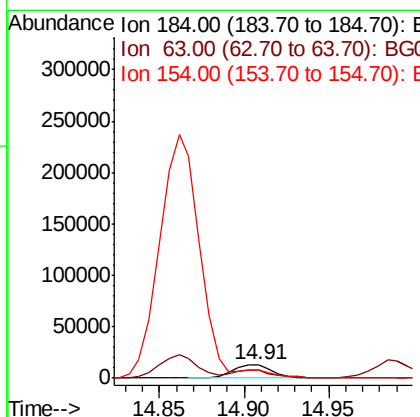
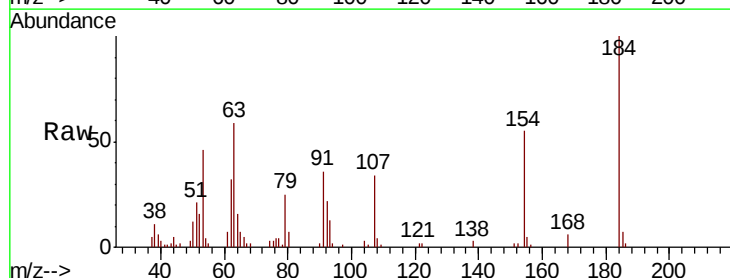
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

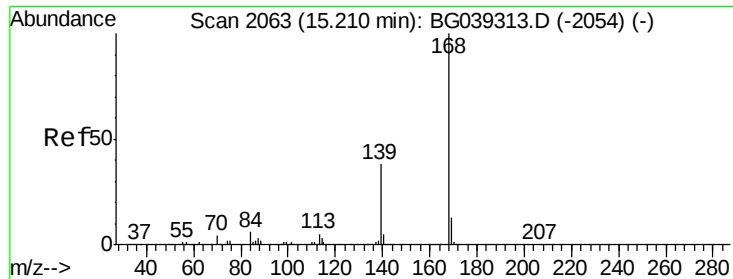
Tot Ion:138 Resp: 123211  
Ion Ratio Lower Upper  
138 100  
108 10.3 13.8 20.8#  
92 128.2 103.7 155.5



#54  
2,4-Dinitrophenol  
Concen: 30.433 ng  
RT: 14.91 min Scan# 2012  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Tgt Ion:184 Resp: 22648  
Ion Ratio Lower Upper  
184 100  
63 59.2 50.9 76.3  
154 54.9 53.0 79.6

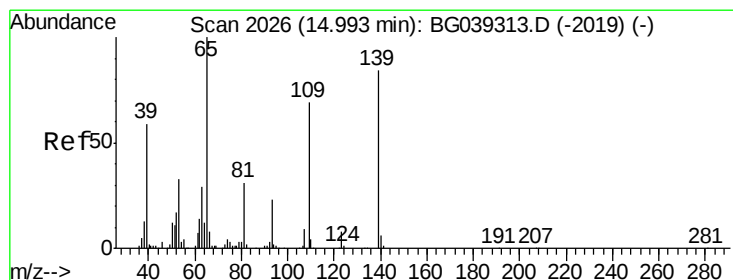
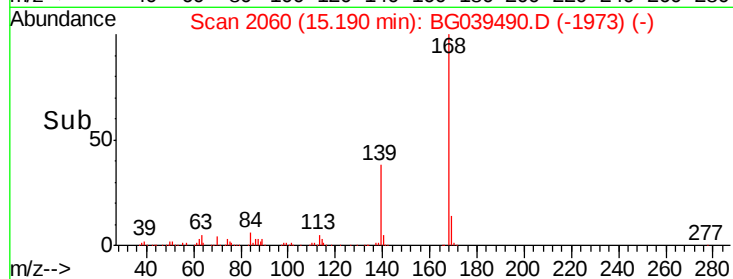
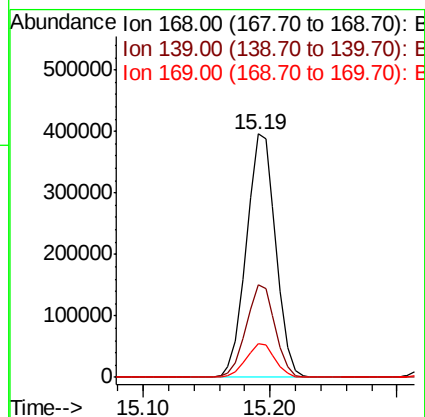
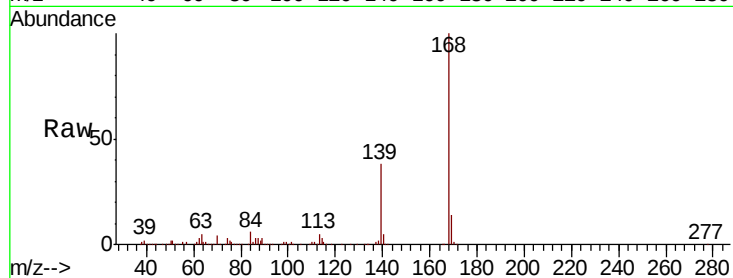




#55  
Dibenzenofuran  
Concen: 39.605 ng  
RT: 15.19 min Scan# 2060  
Delta R.T. -0.02 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

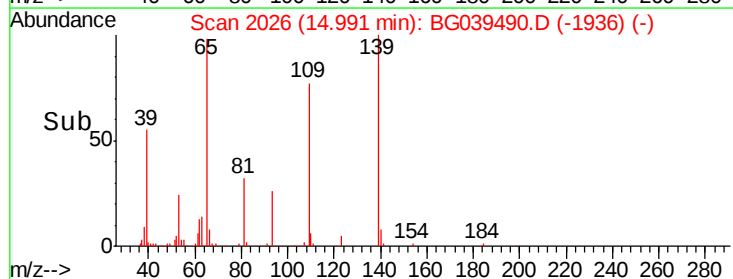
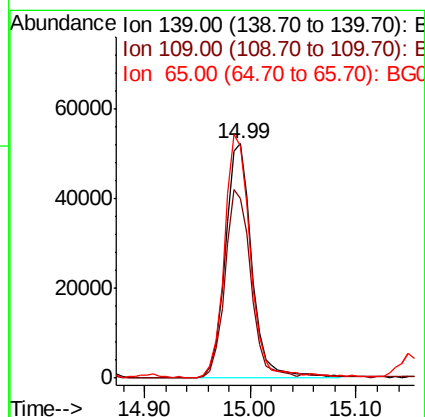
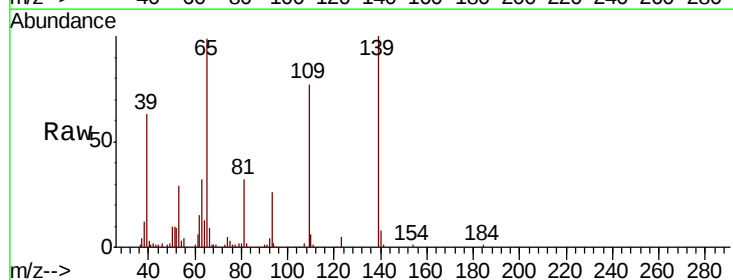
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

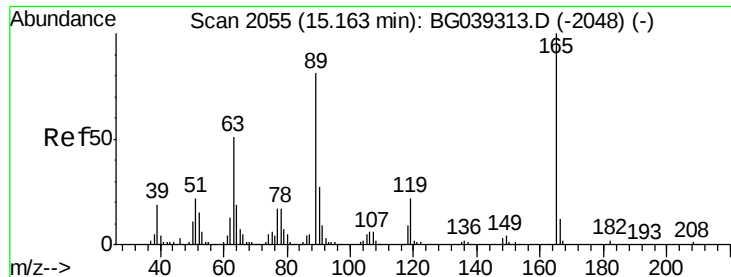
Tot Ion:168 Resp: 634118  
Ion Ratio Lower Upper  
168 100  
139 38.3 30.1 45.1  
169 14.1 10.6 16.0



#56  
4-Nitrophenol  
Concen: 41.188 ng  
RT: 14.99 min Scan# 2026  
Delta R.T. -0.00 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Tgt Ion:139 Resp: 90764  
Ion Ratio Lower Upper  
139 100  
109 76.8 61.9 101.9  
65 99.1 99.1 139.1

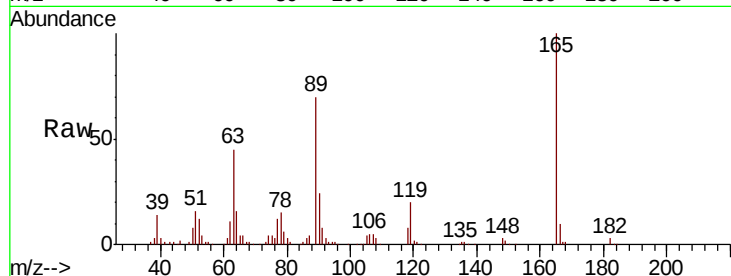




#57  
2,4-Dinitrotoluene  
Concen: 50.755 ng  
RT: 15.16 min Scan# 2054  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 45.2  | 41.0  | 61.6  |
| 89      | 69.5  | 64.6  | 96.8  |
| 182     | 3.5   | 2.0   | 3.0   |



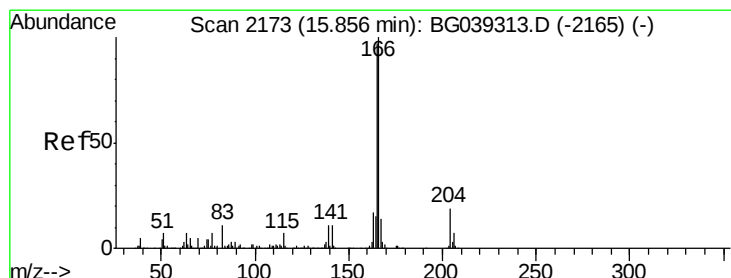
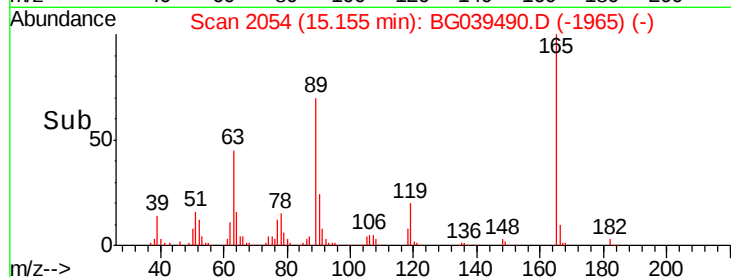
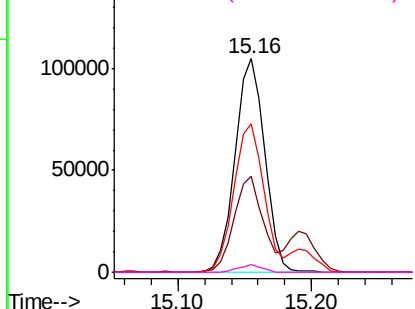
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

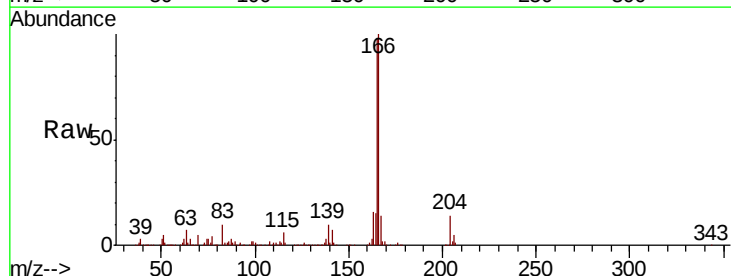
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 38.766 ng  
RT: 15.84 min Scan# 2171  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.8  | 77.9  | 116.9 |
| 167     | 13.9  | 10.8  | 16.2  |

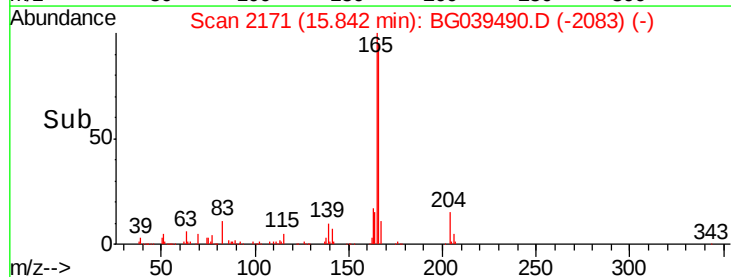
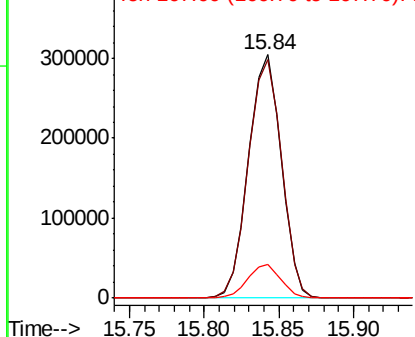


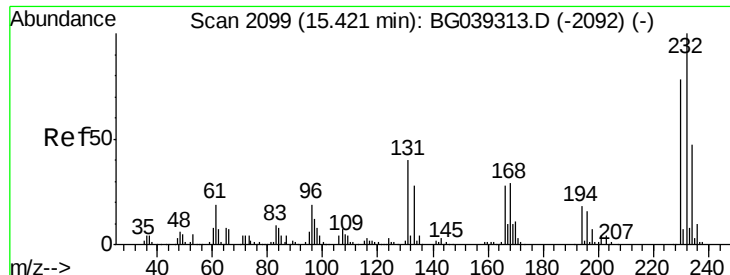
Abundance

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: 43.879 ng

RT: 15.41 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 137214

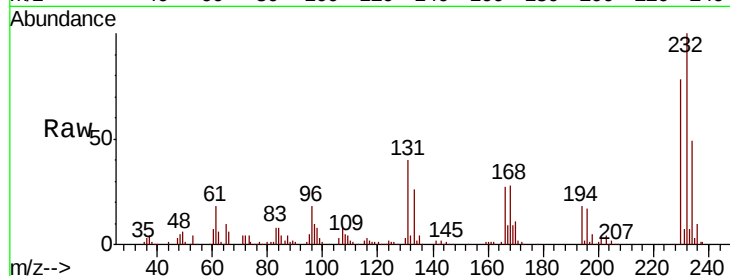
Ion Ratio Lower Upper

232 100

131 41.6 34.9 52.3

130 2.5 2.0 3.0

166 28.9 24.1 36.1

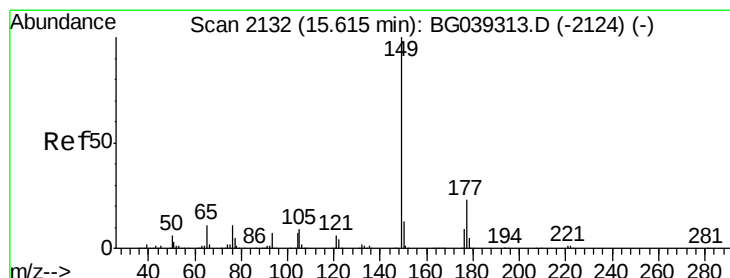
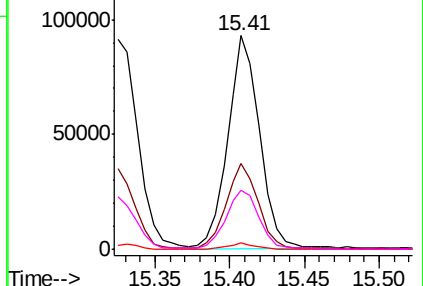
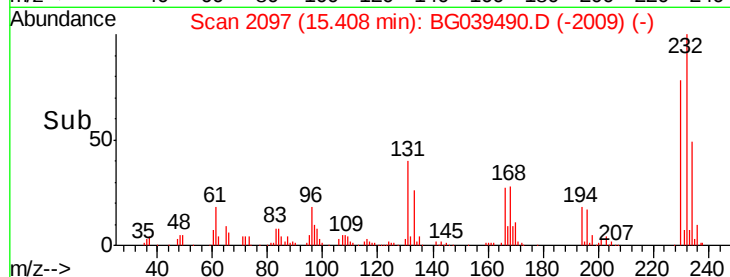


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 38.084 ng

RT: 15.60 min Scan# 2129

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

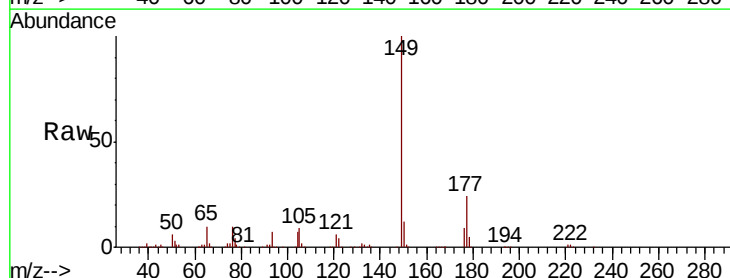
Tgt Ion:149 Resp: 518017

Ion Ratio Lower Upper

149 100

177 24.2 18.3 27.5

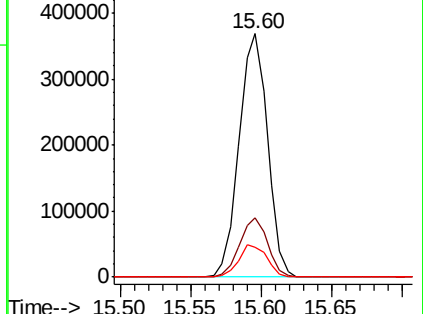
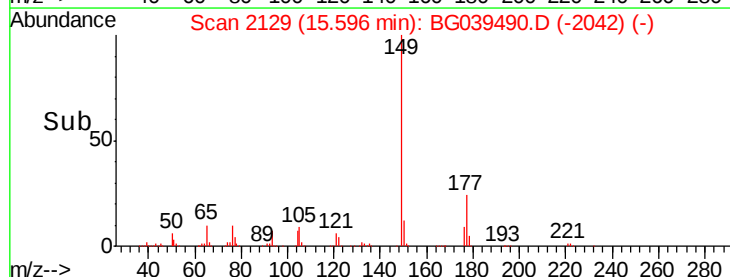
150 12.5 10.2 15.2

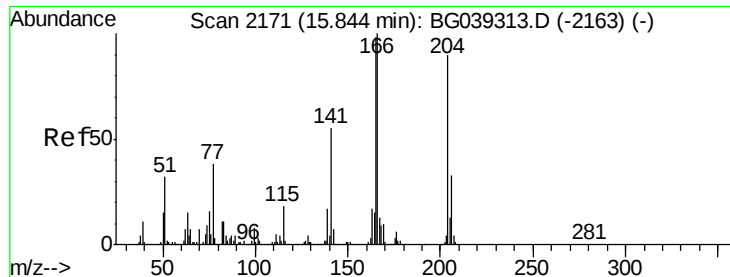


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

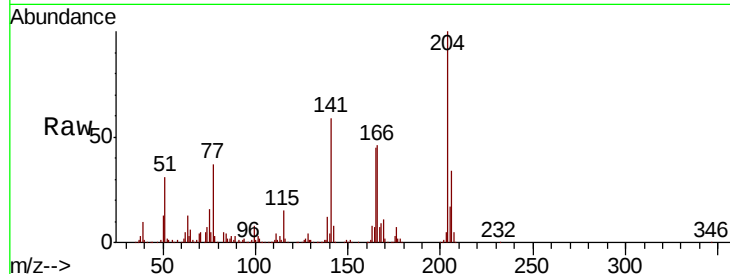




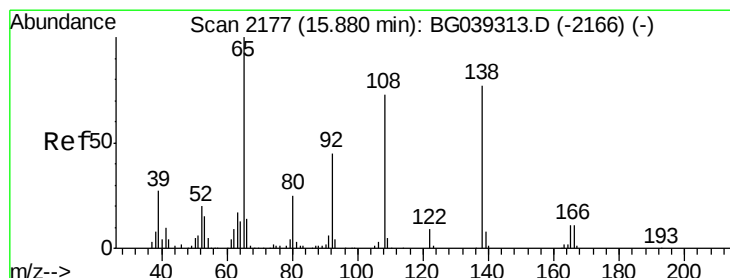
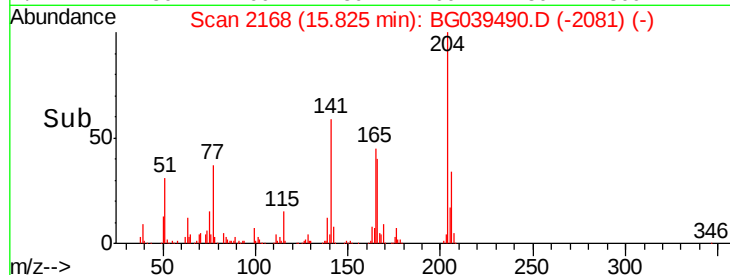
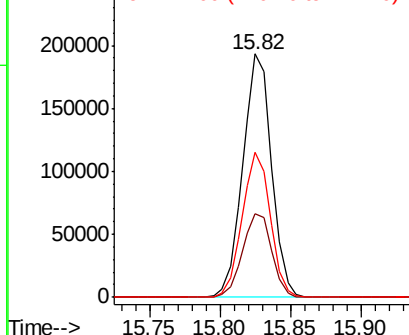
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.647 ng  
 RT: 15.82 min Scan# 2168  
 Delta R.T. -0.02 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:204 Resp: 274708  
 Ion Ratio Lower Upper  
 204 100  
 206 34.3 29.2 43.8  
 141 59.3 49.0 73.4

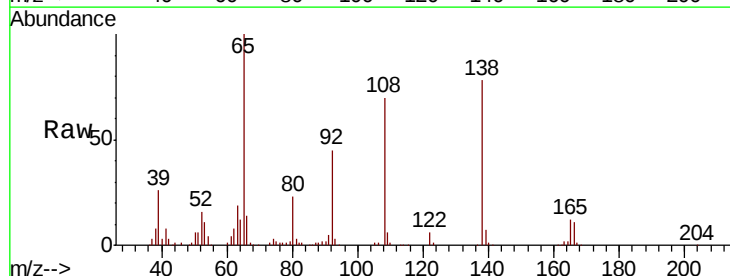


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

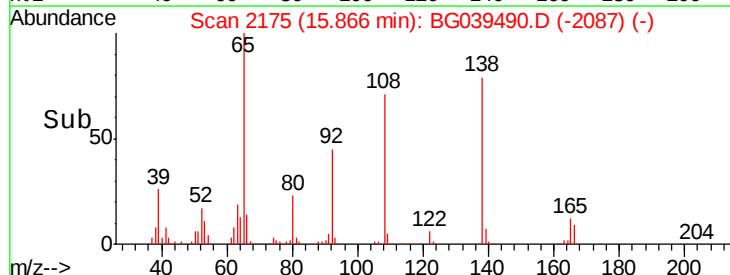
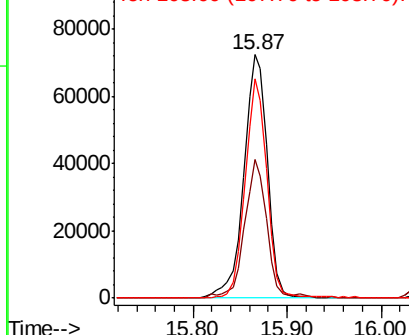


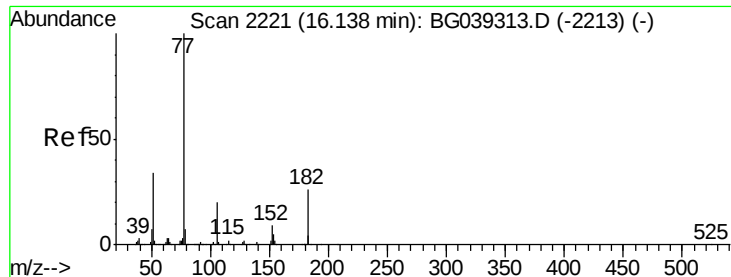
#62  
 4-Nitroaniline  
 Concen: 45.609 ng  
 RT: 15.87 min Scan# 2175  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

Tgt Ion:138 Resp: 125187  
 Ion Ratio Lower Upper  
 138 100  
 92 56.9 38.7 78.7  
 108 89.9 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

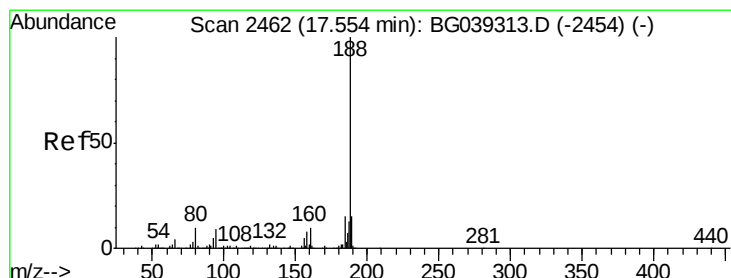
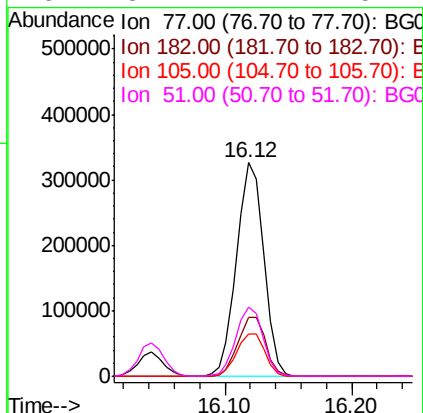
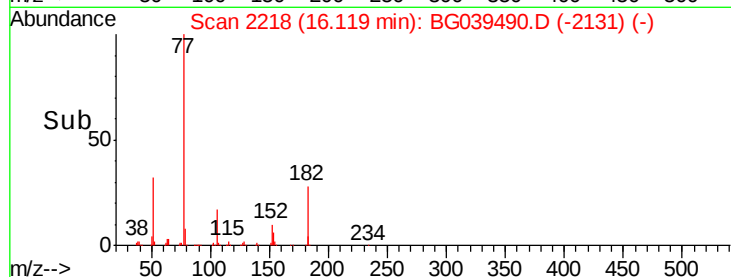
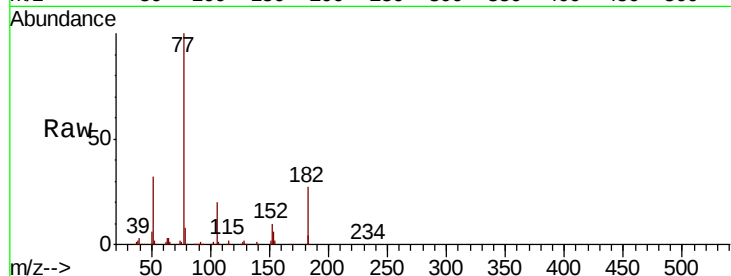




#63  
Azobenzene  
Concen: 36.463 ng  
RT: 16.12 min Scan# 2218  
Delta R.T. -0.02 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

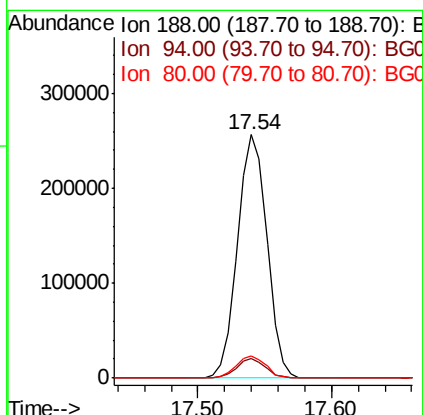
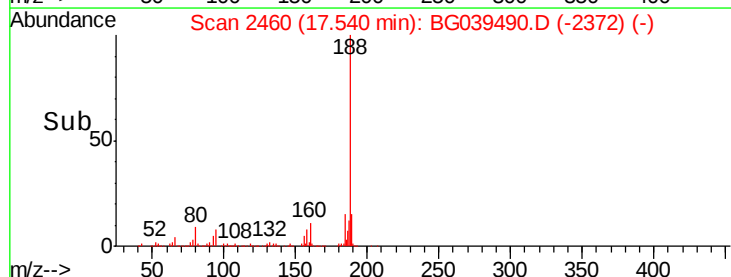
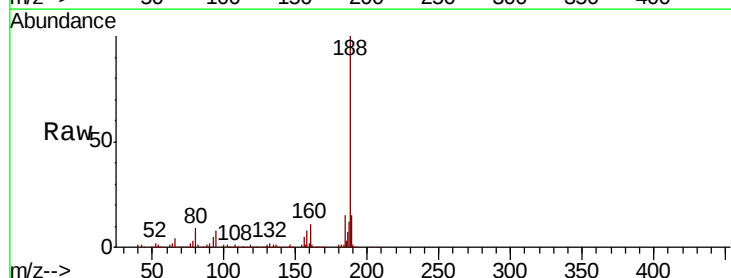
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

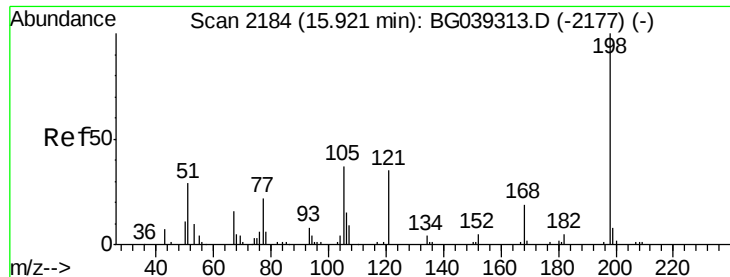
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 77    | Resp: | 484765 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 27.3  | 6.4   | 46.4   |
| 105      | 19.8  | 0.0   | 39.8   |
| 51       | 32.4  | 14.1  | 54.1   |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.54 min Scan# 2460  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 391238 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 8.1   | 6.9   | 10.3   |
| 80       | 8.9   | 8.1   | 12.1   |





#65

4,6-Dinitro-2-methylphenol

Concen: 40.917 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

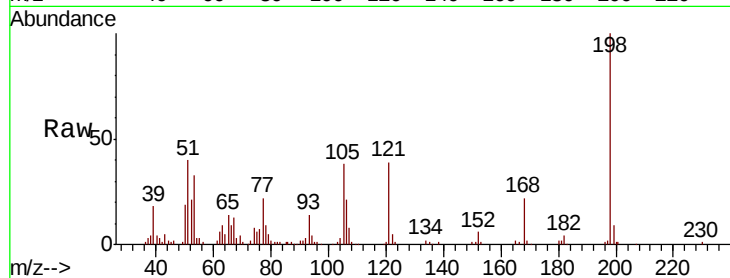
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 59146

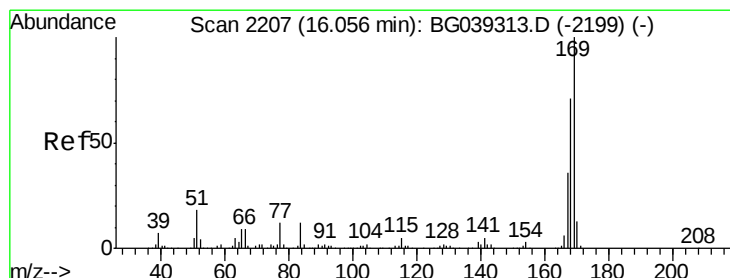
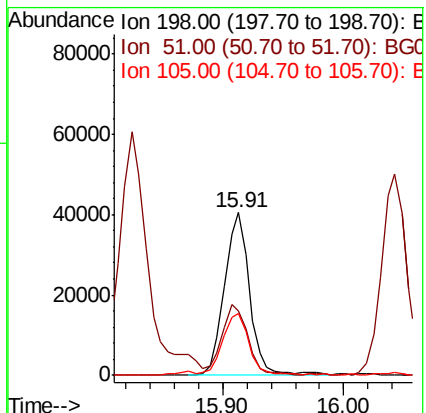
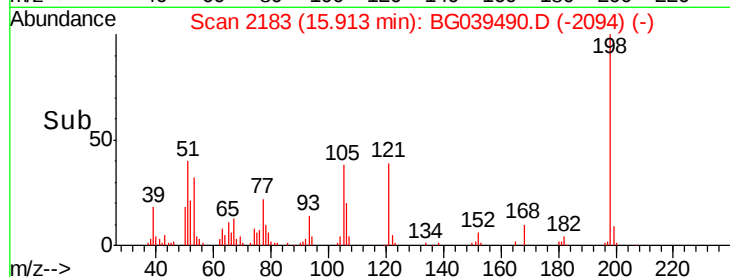
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 198 | 100   |       |       |
| 51  | 39.6  | 27.4  | 67.4  |
| 105 | 37.7  | 19.7  | 59.7  |



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG039490.D (-2094) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.040 ng

RT: 16.04 min Scan# 2205

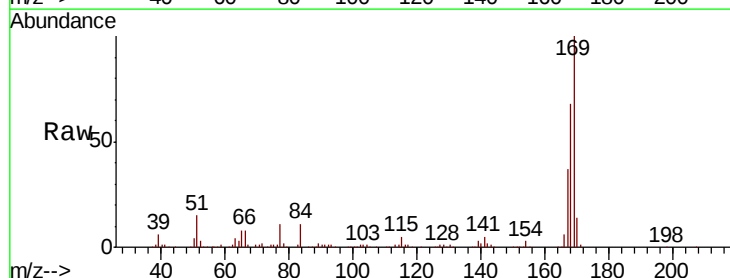
Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Tgt Ion:169 Resp: 464423

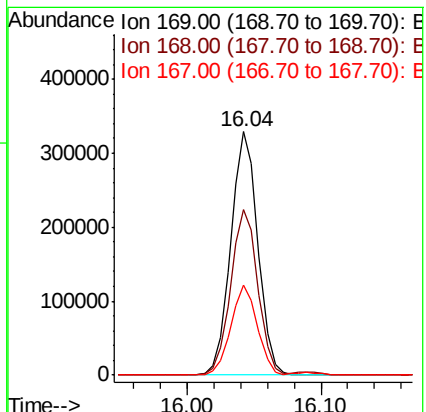
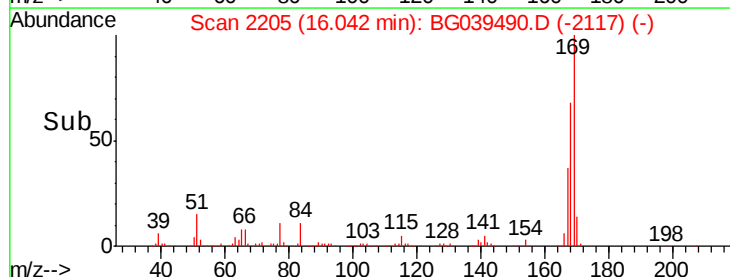
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 67.9  | 56.6  | 85.0  |
| 167 | 36.8  | 28.8  | 43.2  |

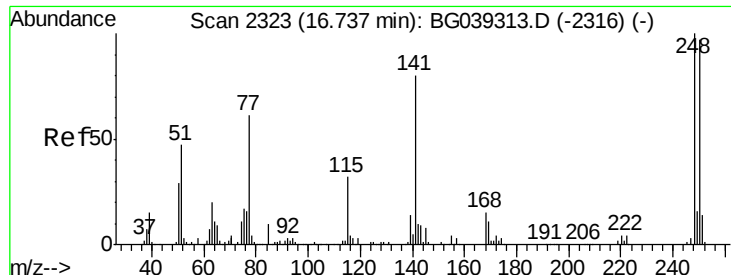


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

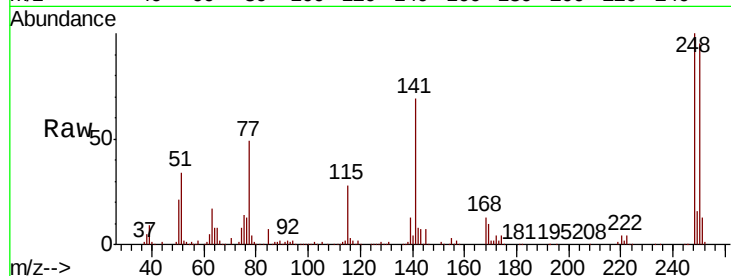




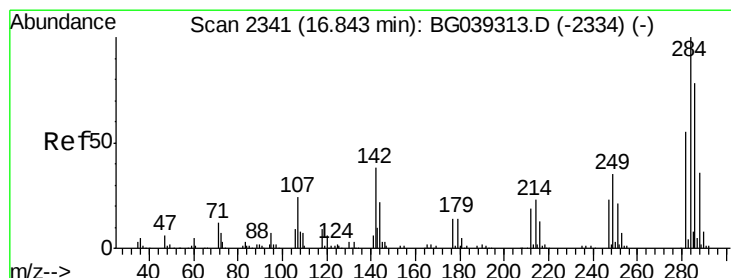
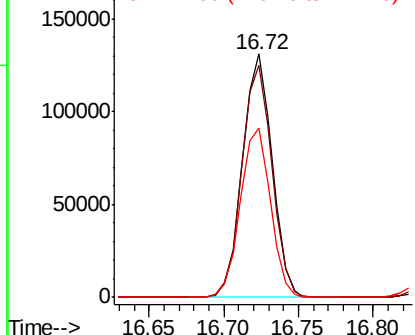
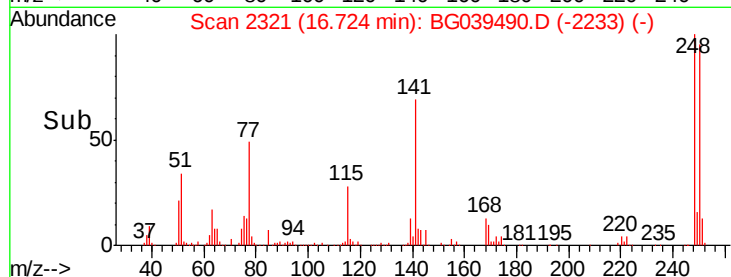
#67  
4-Bromophenyl-phenylether  
Concen: 41.404 ng  
RT: 16.72 min Scan# 2321  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:248 Resp: 179706  
Ion Ratio Lower Upper  
248 100  
250 95.4 77.6 116.4  
141 69.4 63.9 95.9

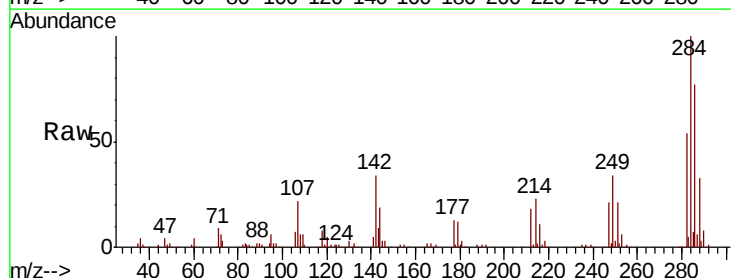


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

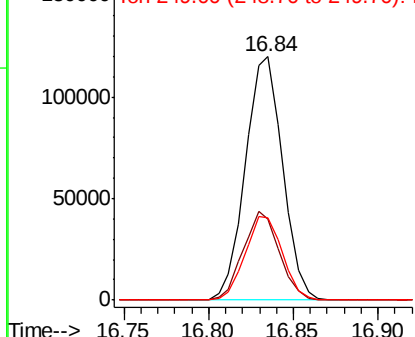
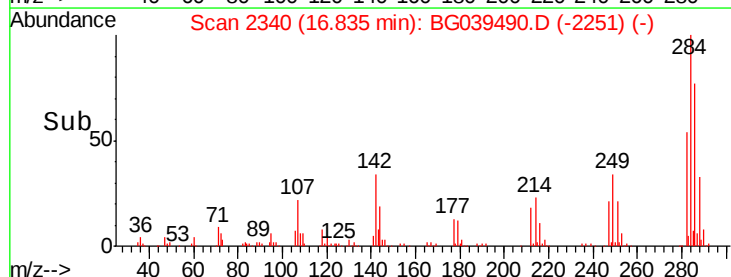


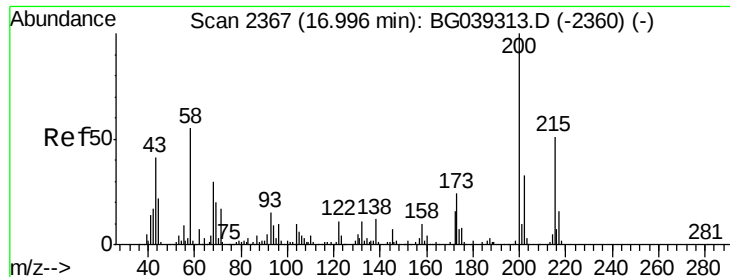
#68  
Hexachlorobenzene  
Concen: 42.086 ng  
RT: 16.84 min Scan# 2340  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Tgt Ion:284 Resp: 183270  
Ion Ratio Lower Upper  
284 100  
142 33.6 30.6 45.8  
249 33.8 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: 36.830 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

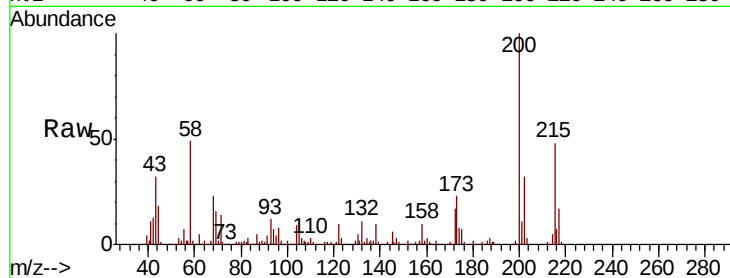
Tot Ion:200 Resp: 160112

Ion Ratio Lower Upper

200 100

173 23.3 3.9 43.9

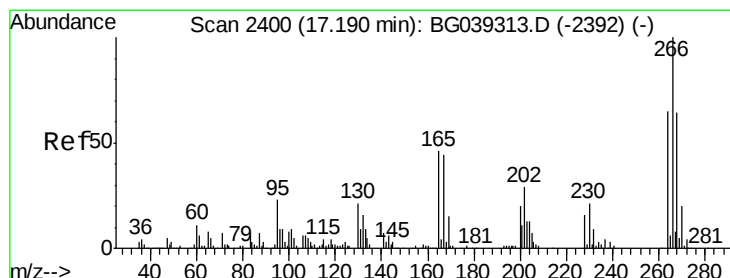
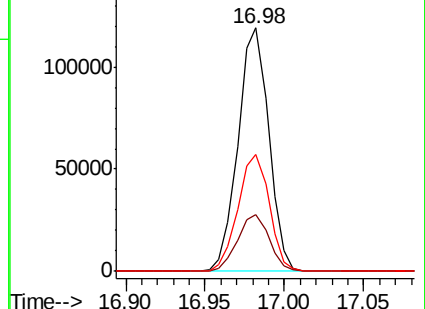
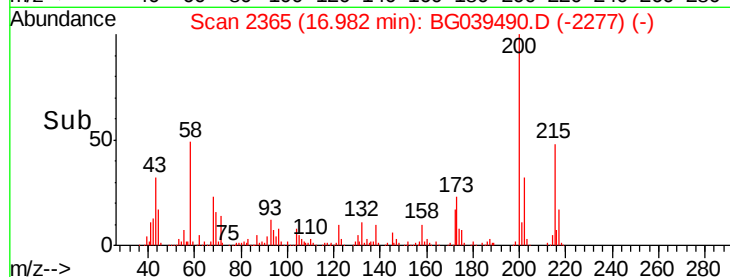
215 47.8 30.9 70.9



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: 34.720 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

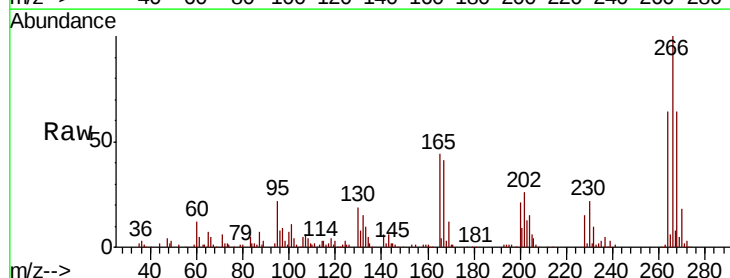
Tgt Ion:266 Resp: 105082

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

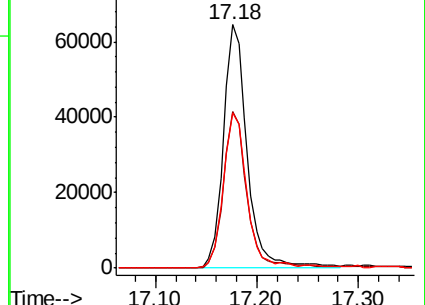
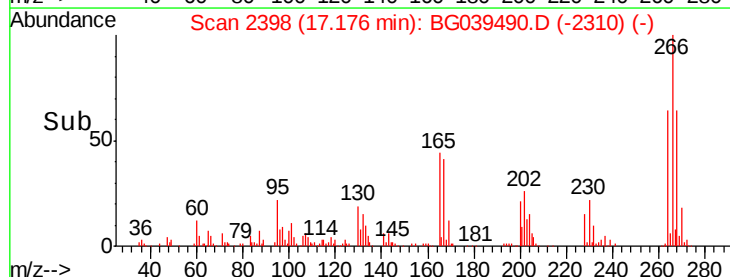
264 63.6 52.1 78.1

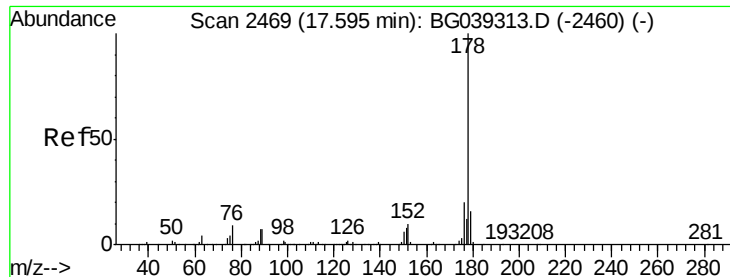


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

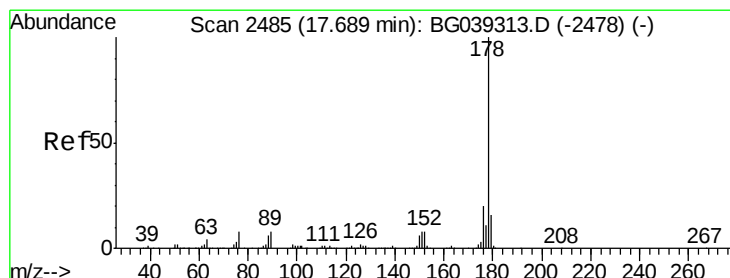
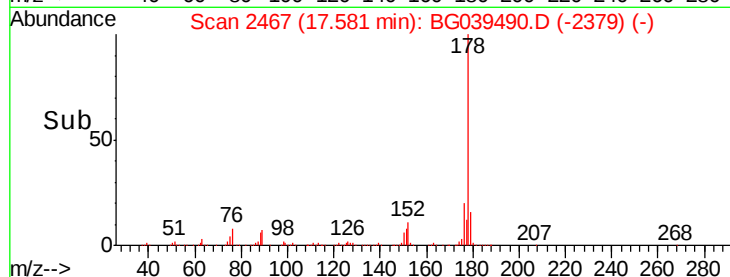
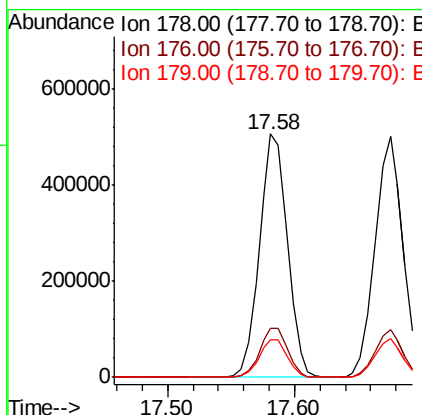
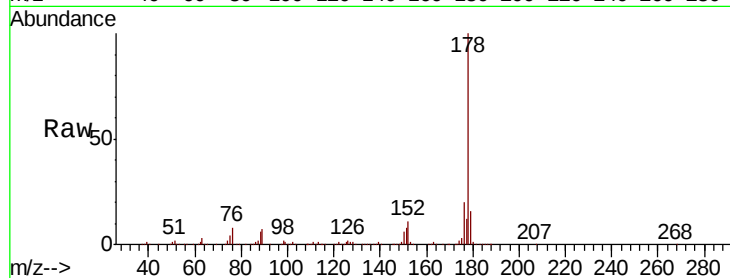




#71  
Phenanthrene  
Concen: 38.421 ng  
RT: 17.58 min Scan# 2467  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

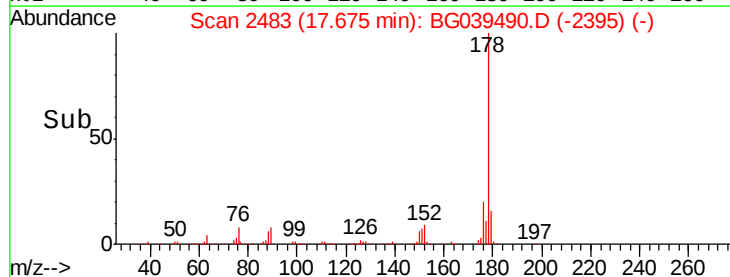
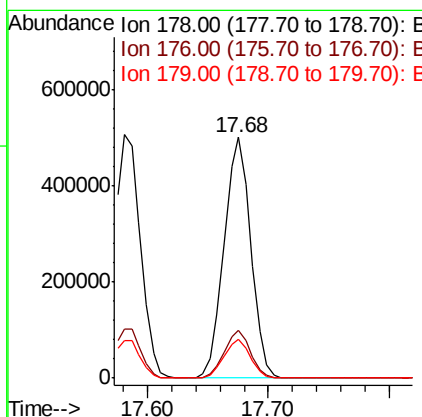
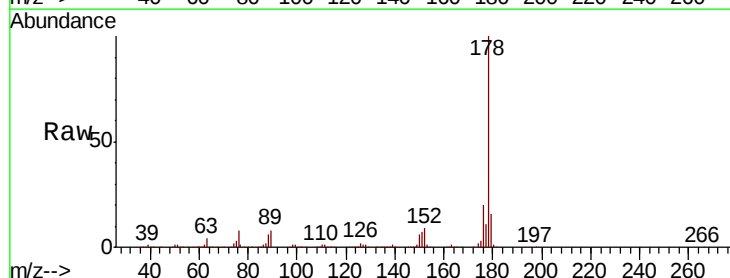
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

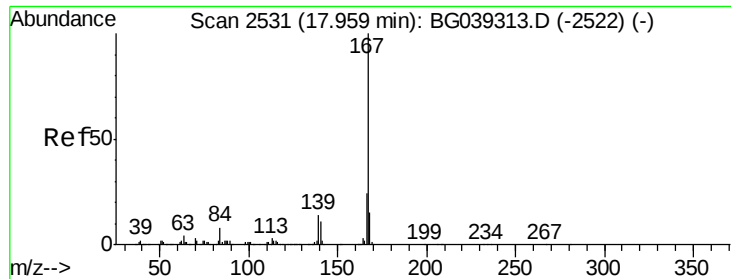
Tot Ion:178 Resp: 778002  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.2 24.4  
179 15.6 12.6 19.0



#72  
Anthracene  
Concen: 38.564 ng  
RT: 17.68 min Scan# 2483  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Tgt Ion:178 Resp: 769187  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.8 23.6  
179 16.3 12.5 18.7

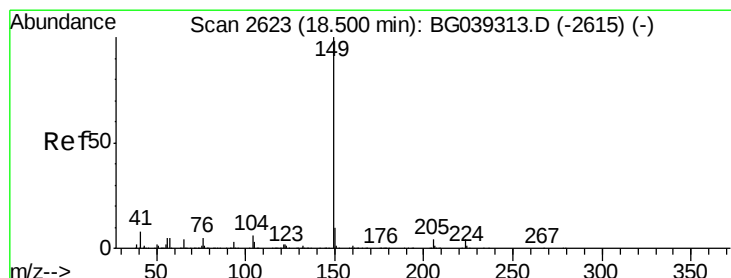
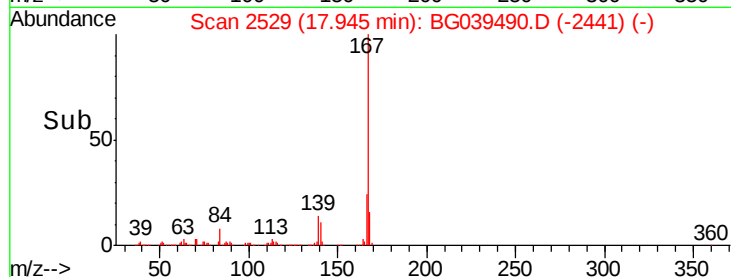
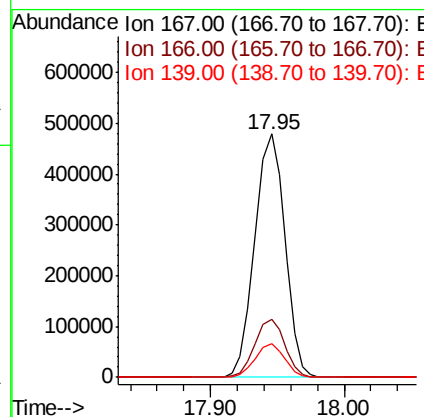
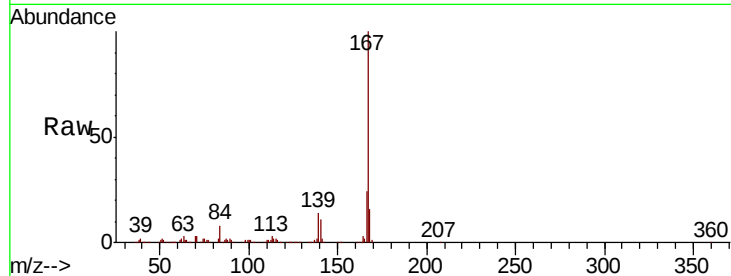




#73  
 Carbazole  
 Concen: 37.505 ng  
 RT: 17.95 min Scan# 2529  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

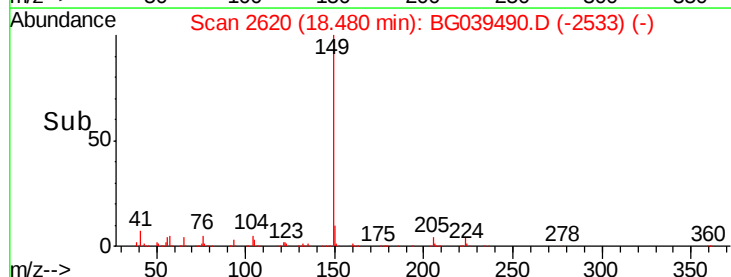
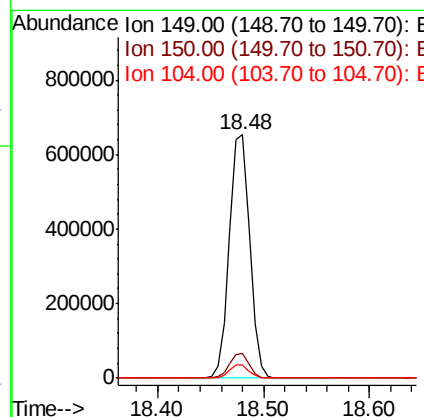
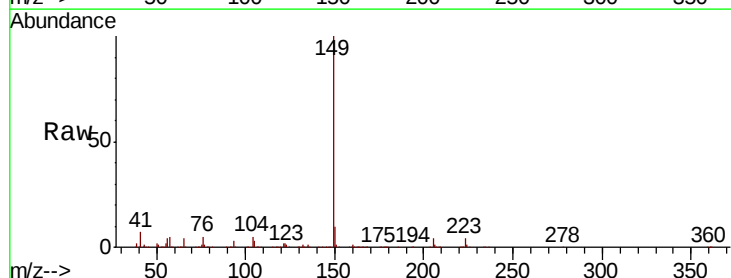
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

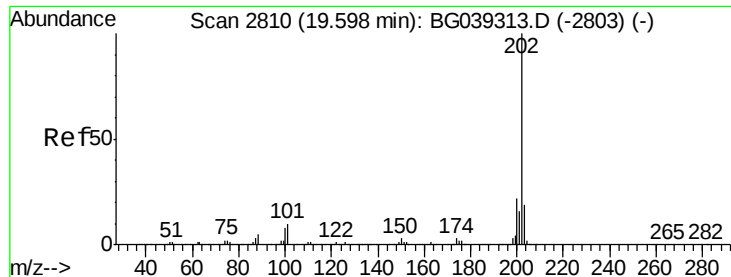
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.0  | 19.4  | 29.2  |
| 139     | 13.6  | 10.8  | 16.2  |



#74  
 Di-n-butylphthalate  
 Concen: 37.685 ng  
 RT: 18.48 min Scan# 2620  
 Delta R.T. -0.02 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.1  | 7.7   | 11.5  |
| 104     | 5.2   | 4.5   | 6.7   |





#75

Fluoranthene

Concen: 38.418 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

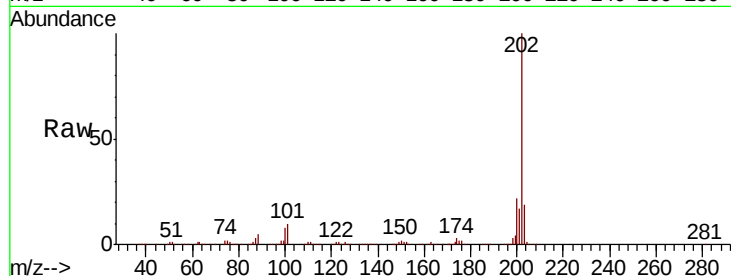
Tot Ion:202 Resp: 902953

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.0

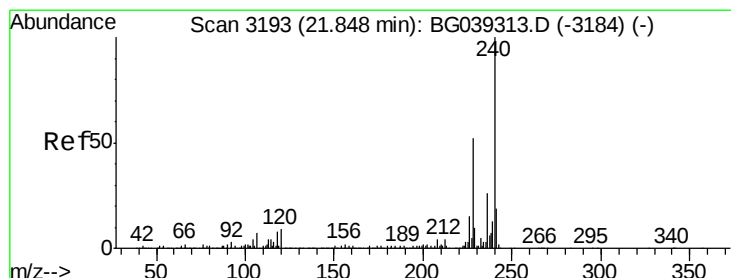
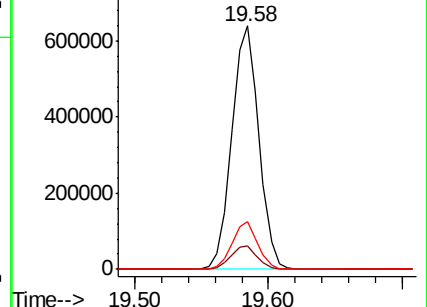
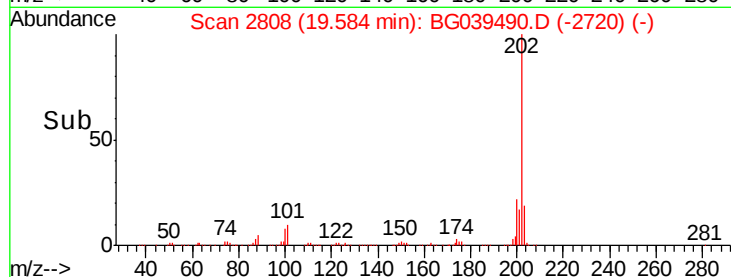
203 19.4 0.0 38.9



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: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

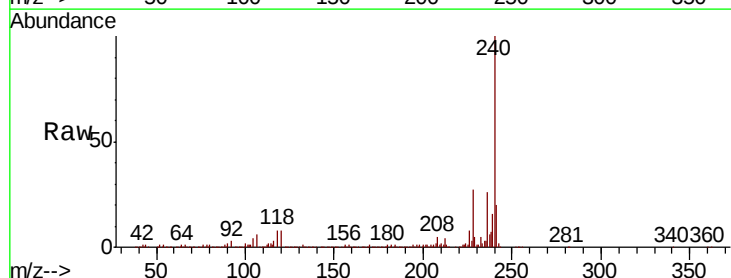
Tgt Ion:240 Resp: 388093

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

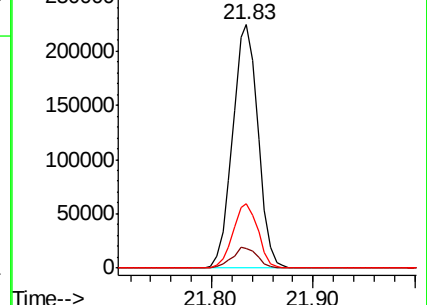
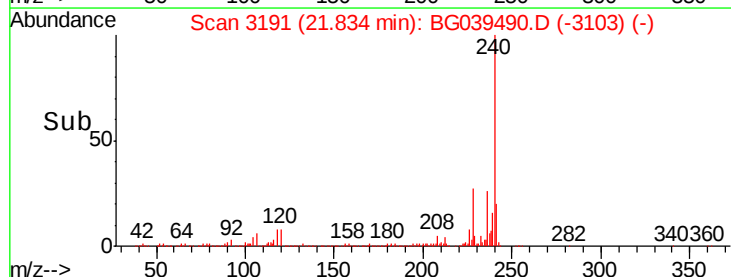
236 26.5 21.0 31.4

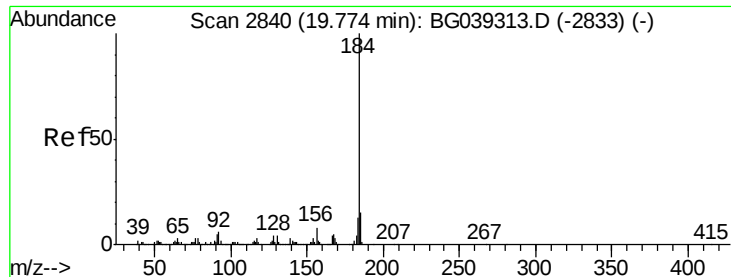


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.064 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

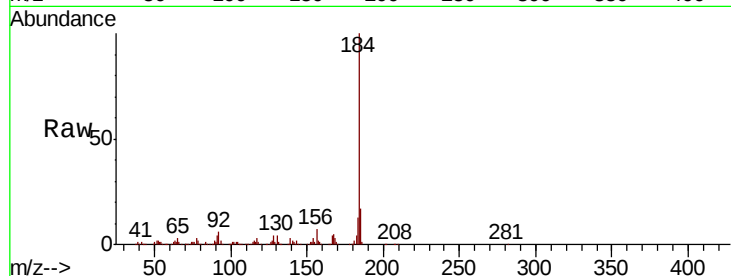
Tot Ion:184 Resp: 369805

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 16.5  | 12.2  | 18.2  |
| 183 | 13.2  | 10.6  | 15.8  |

184 100

185 16.5 12.2 18.2

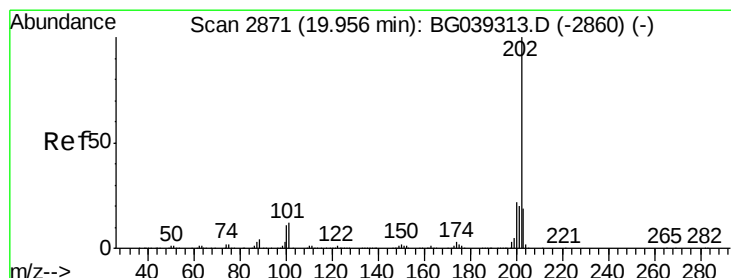
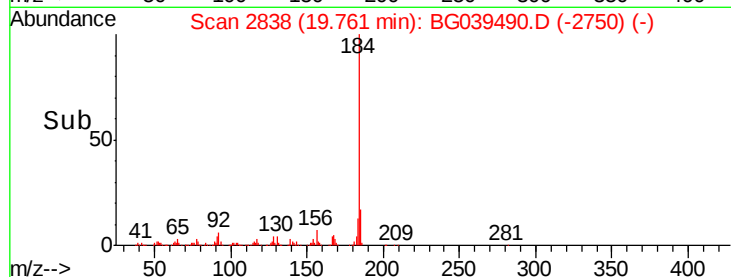
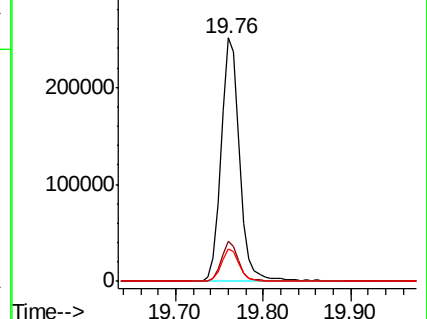
183 13.2 10.6 15.8



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



#78

Pyrene

Concen: 38.955 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

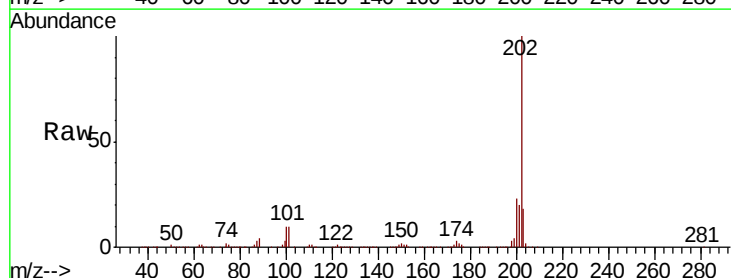
Tgt Ion:202 Resp: 941142

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

202 100

200 22.9 17.8 26.8

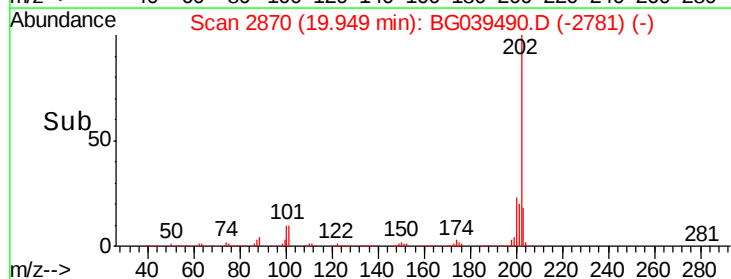
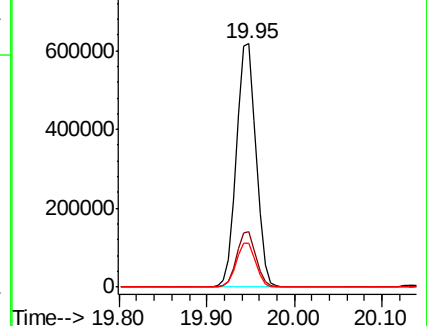
203 18.2 15.3 22.9

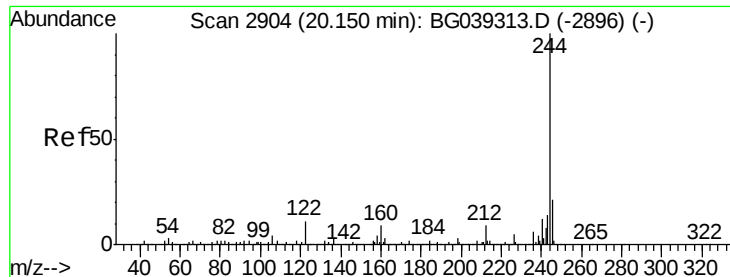


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.796 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

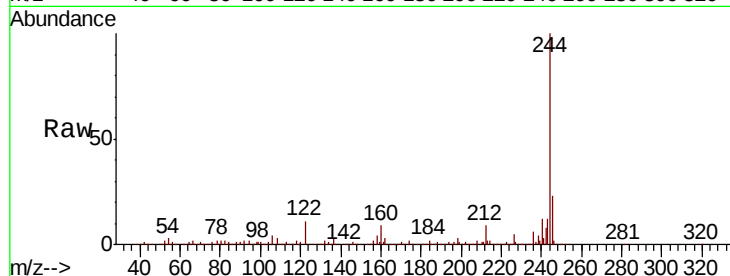
Tot Ion:244 Resp: 1389719

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

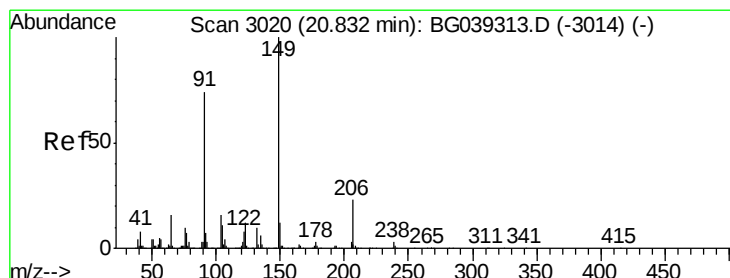
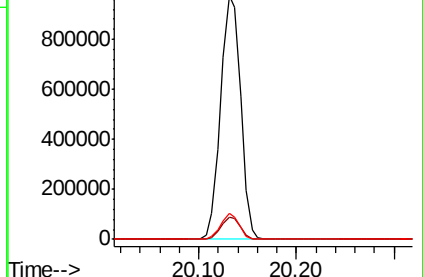
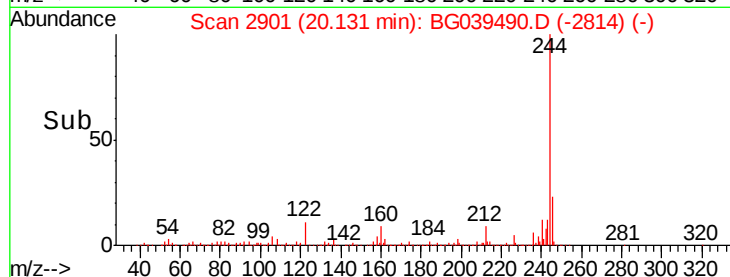
122 10.7 8.4 12.6



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: 39.150 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

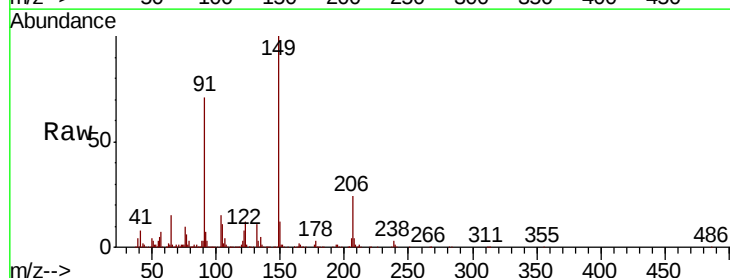
Tgt Ion:149 Resp: 398995

Ion Ratio Lower Upper

149 100

91 71.3 59.5 89.3

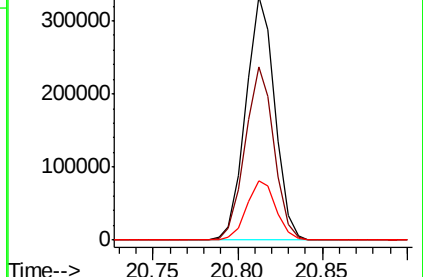
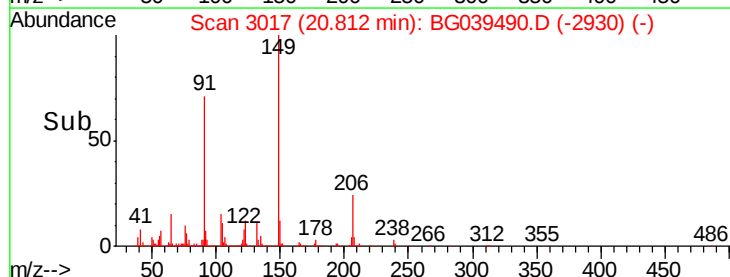
206 24.3 18.6 27.8

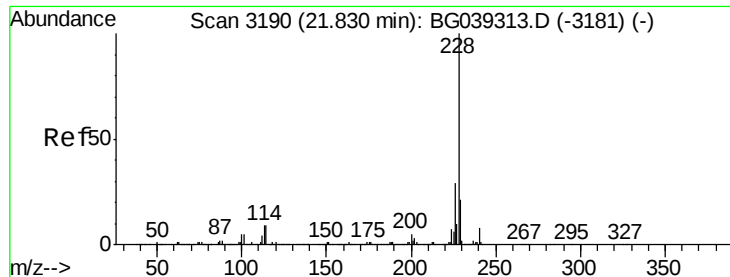


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.090 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

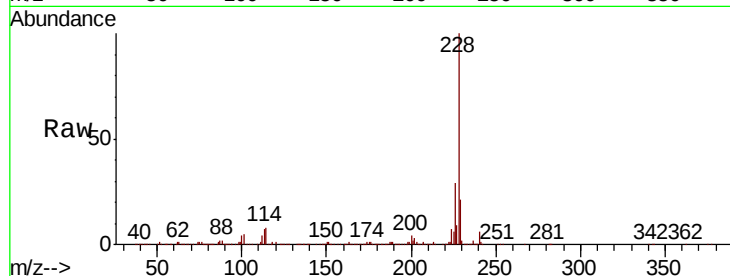
Tot Ion:228 Resp: 896413

Ion Ratio Lower Upper

228 100

226 29.4 23.0 34.6

229 20.5 16.9 25.3

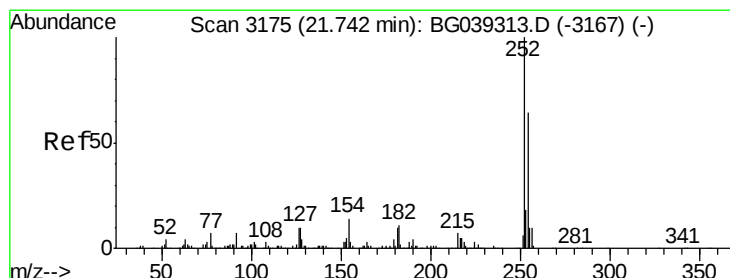
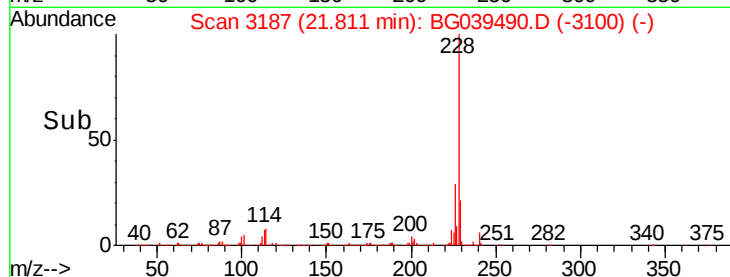
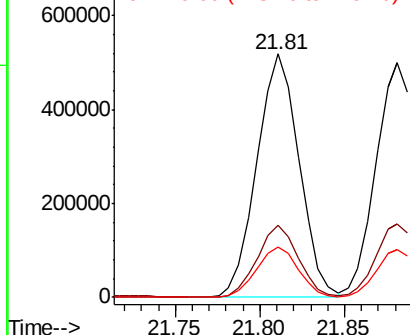


Abundance

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: 40.490 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

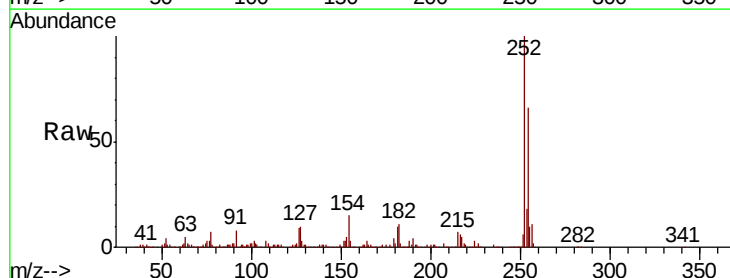
Tgt Ion:252 Resp: 344289

Ion Ratio Lower Upper

252 100

254 66.0 51.3 76.9

126 9.4 8.0 12.0

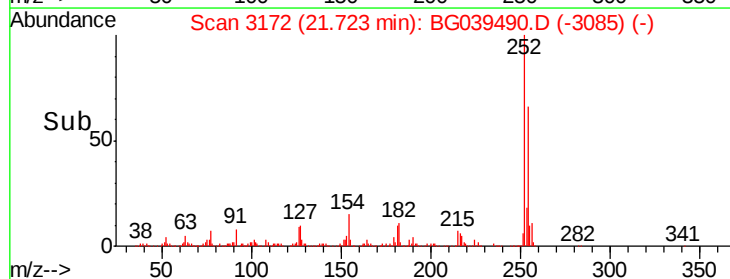
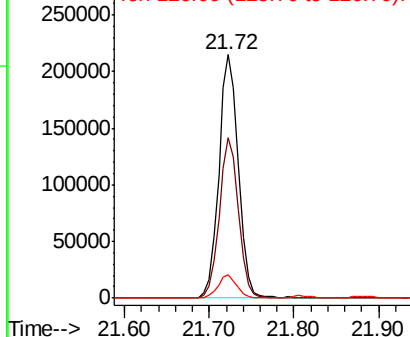


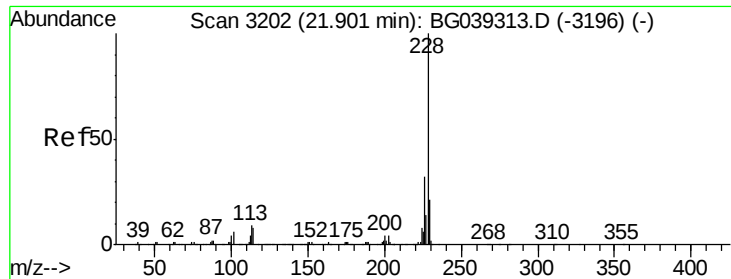
Abundance

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: 39.453 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

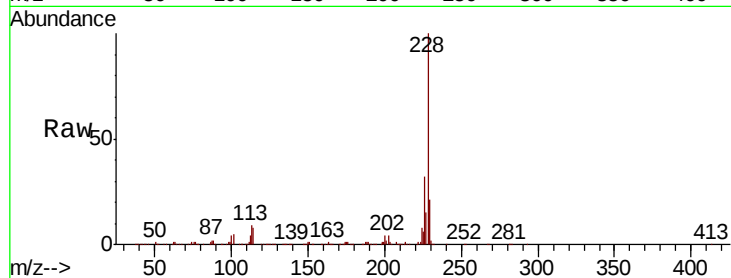
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 861248

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.5  | 25.8  | 38.6  |
| 229 | 20.5  | 16.6  | 25.0  |



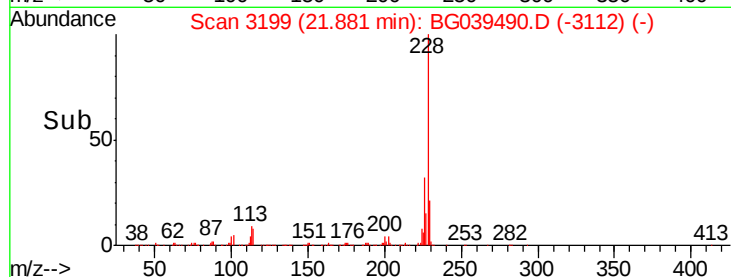
Abundance

Ion 228.00 (227.70 to 228.70): E

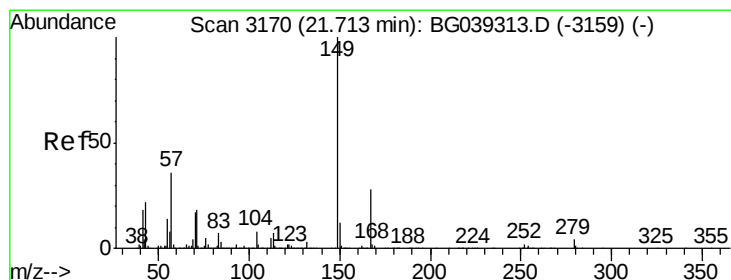
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

Time-->



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.572 ng

RT: 21.68 min Scan# 3165

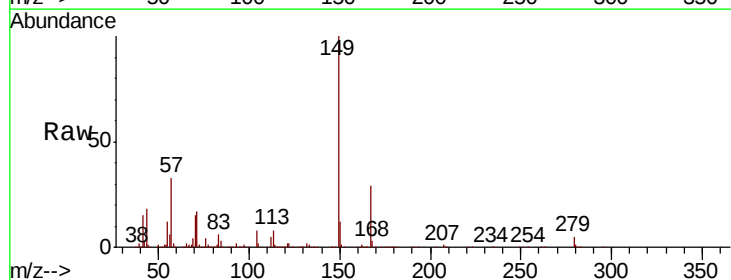
Delta R.T. -0.03 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Tgt Ion:149 Resp: 560822

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.6  | 22.6  | 34.0  |
| 279 | 5.0   | 3.5   | 5.3   |



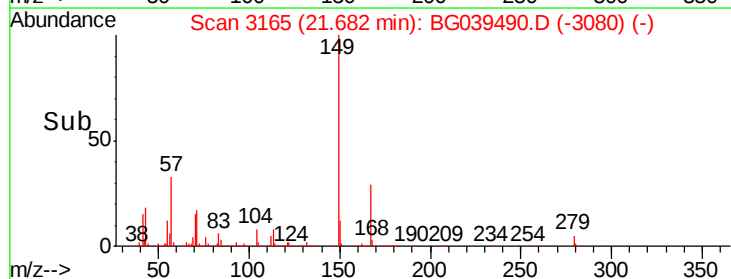
Abundance

Ion 149.00 (148.70 to 149.70): E

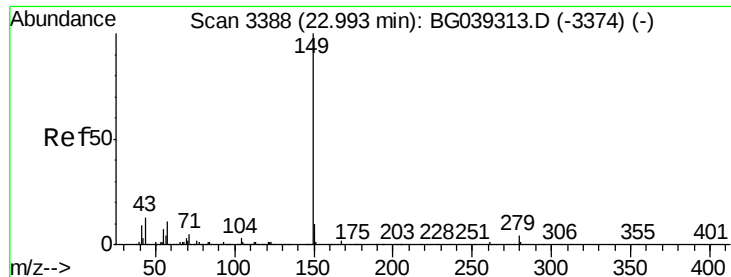
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



Time-->



#85

Di-n-octyl phthalate

Concen: 39.496 ng

RT: 22.94 min Scan# 3380

Delta R.T. -0.05 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

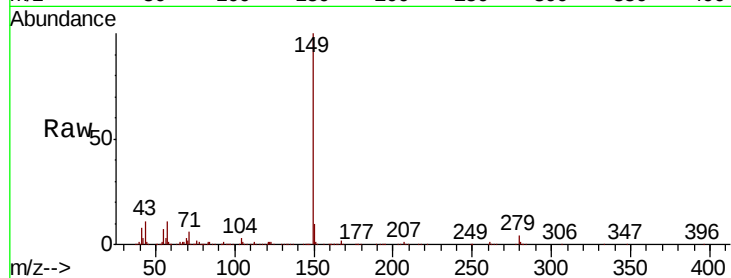
Tot Ion:149 Resp: 948720

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

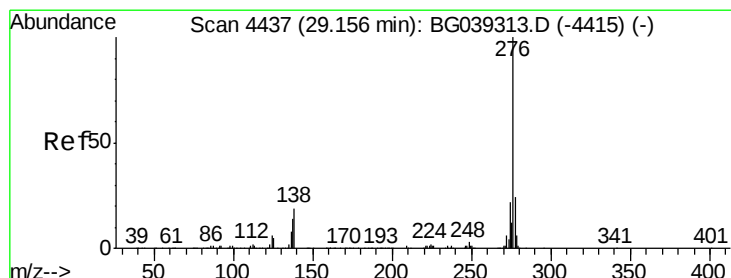
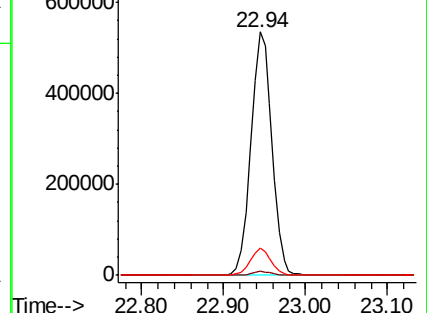
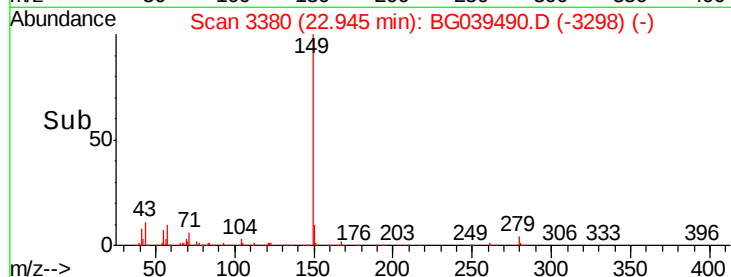
43 11.0 10.2 15.4



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: 41.634 ng

RT: 29.11 min Scan# 4429

Delta R.T. -0.05 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

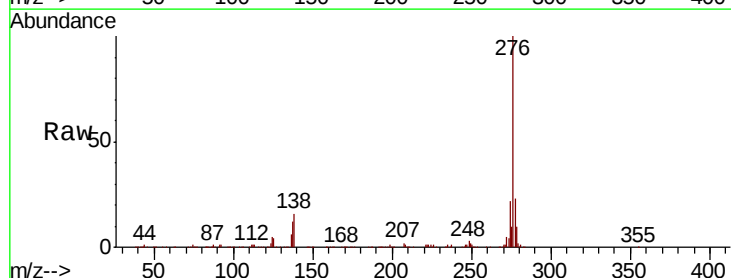
Tgt Ion:276 Resp: 975150

Ion Ratio Lower Upper

276 100

138 14.6 12.6 19.0

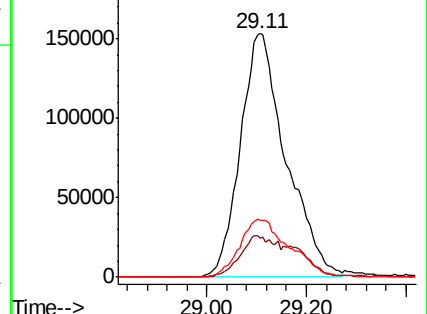
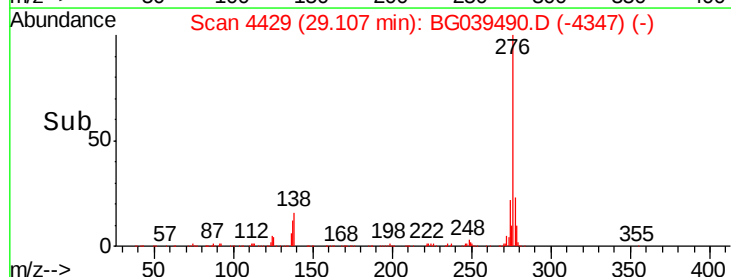
277 25.8 20.8 31.2

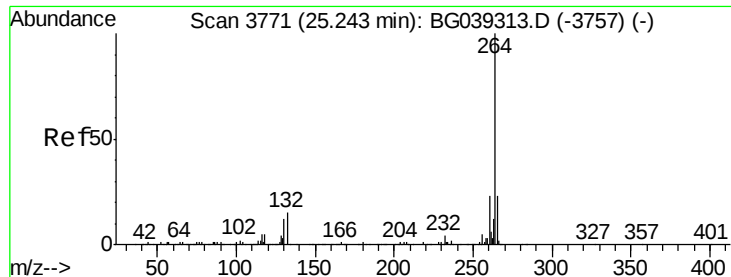


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

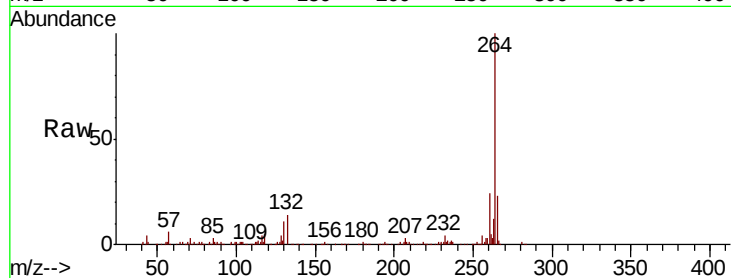
Tot Ion:264 Resp: 399597

Ion Ratio Lower Upper

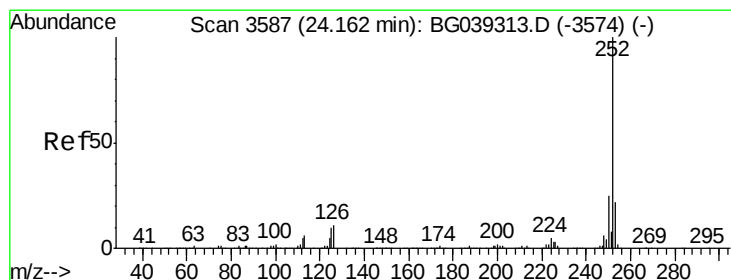
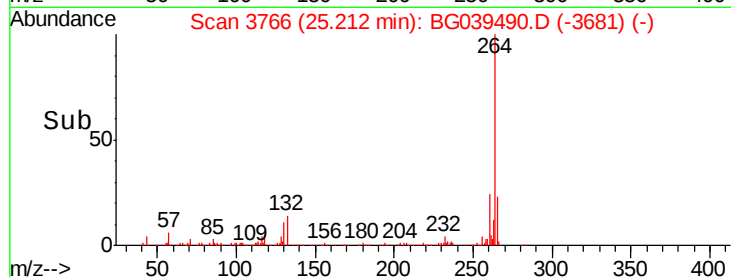
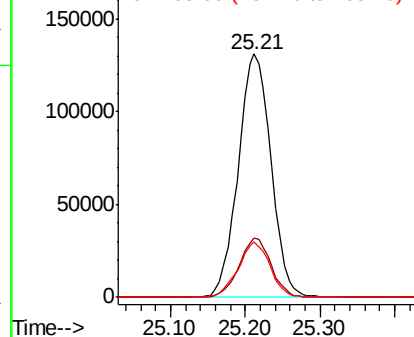
264 100

260 24.3 18.2 27.4

265 23.0 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: 39.759 ng

RT: 24.13 min Scan# 3582

Delta R.T. -0.03 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

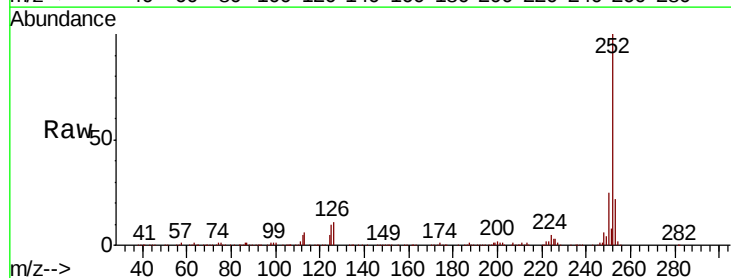
Tgt Ion:252 Resp: 866433

Ion Ratio Lower Upper

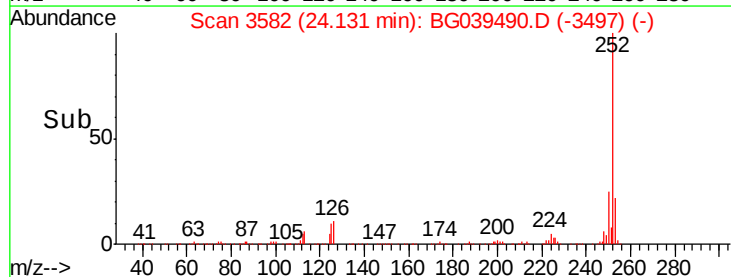
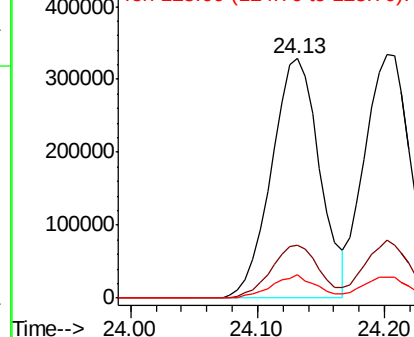
252 100

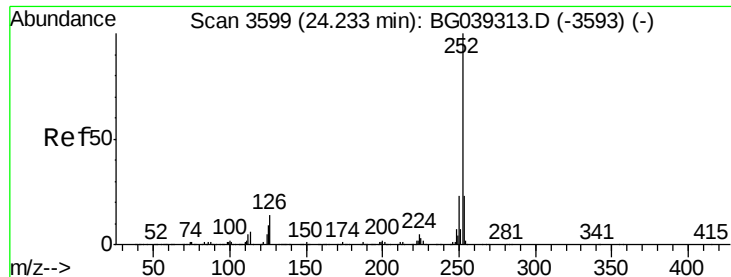
253 22.2 17.8 26.8

125 9.6 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

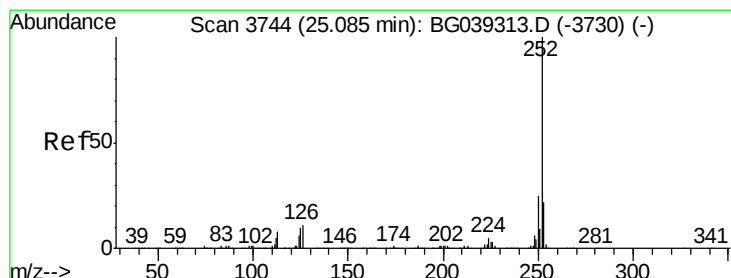
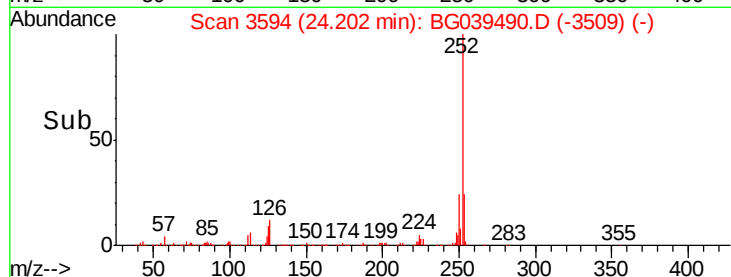
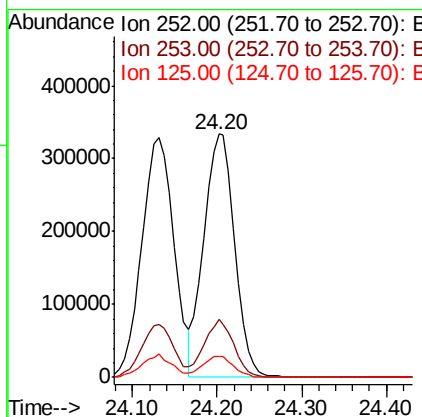
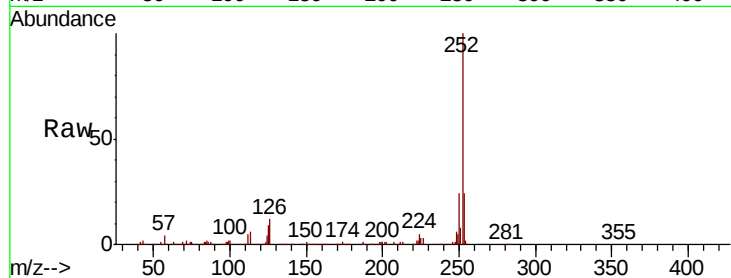




#89  
Benzo(k)fluoranthene  
Concen: 38.704 ng  
RT: 24.20 min Scan# 3594  
Delta R.T. -0.03 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

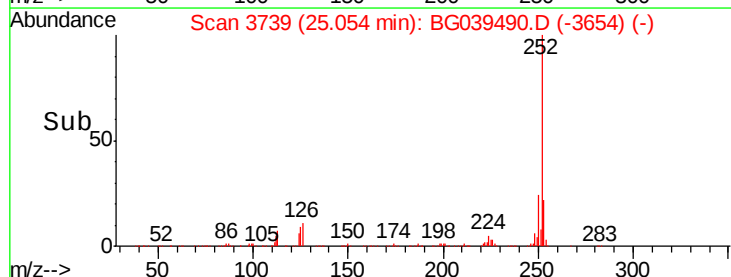
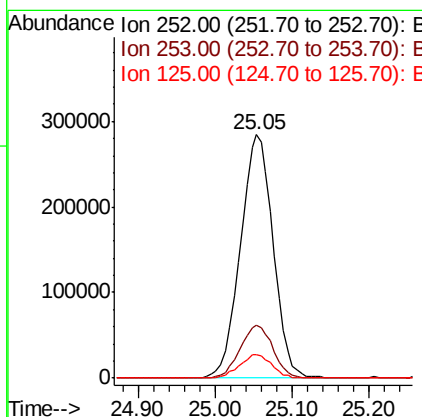
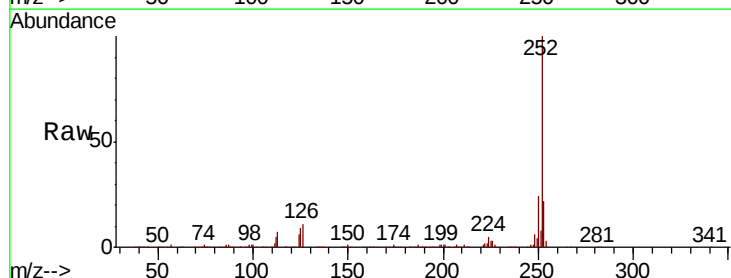
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

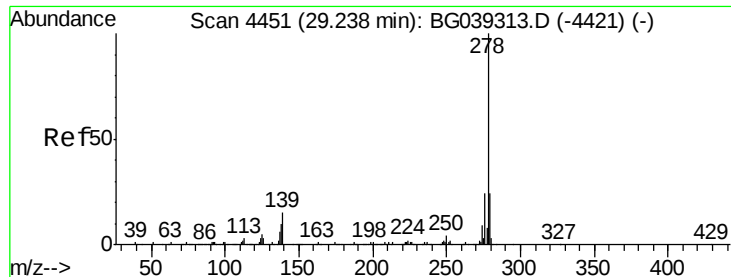
Tot Ion:252 Resp: 846798  
Ion Ratio Lower Upper  
252 100  
253 23.6 18.2 27.2  
125 8.7 7.4 11.2



#90  
Benzo(a)pyrene  
Concen: 40.219 ng  
RT: 25.05 min Scan# 3739  
Delta R.T. -0.03 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Tgt Ion:252 Resp: 844095  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.9 26.9  
125 9.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 41.158 ng

RT: 29.18 min Scan# 4441

Delta R.T. -0.06 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

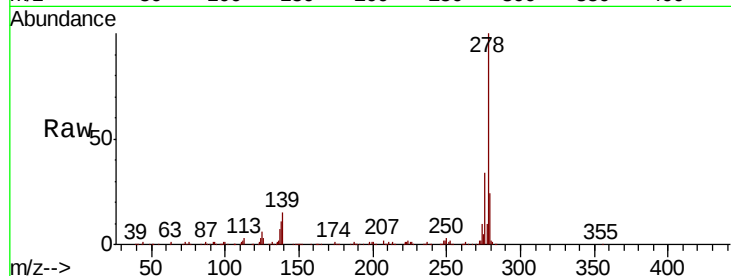
Tot Ion:278 Resp: 808955

Ion Ratio Lower Upper

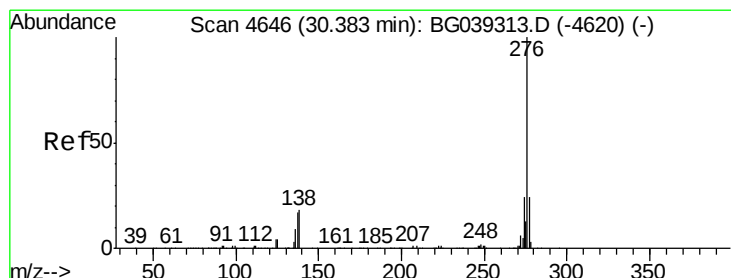
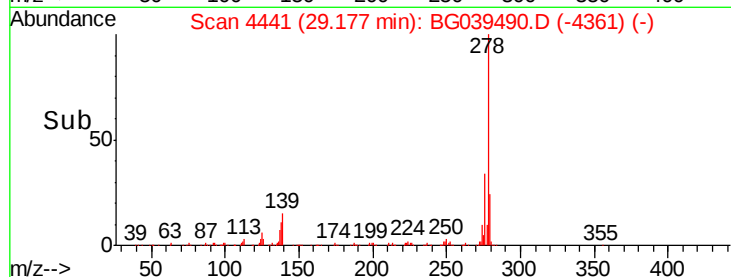
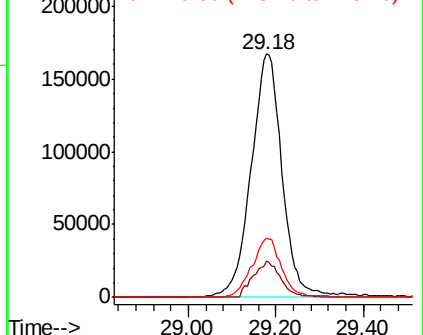
278 100

139 14.7 11.7 17.5

279 24.3 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: 40.475 ng

RT: 30.33 min Scan# 4638

Delta R.T. -0.05 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

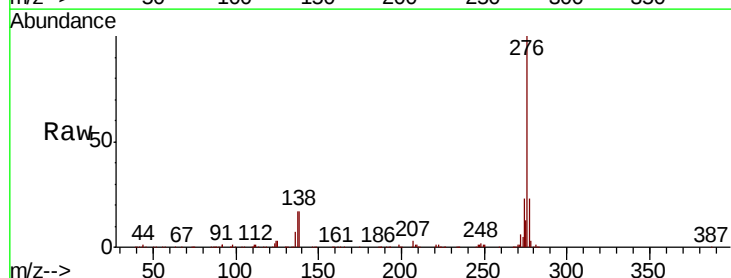
Tgt Ion:276 Resp: 792918

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 17.0 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

