

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG022119\  
 Data File : BG039582.D  
 Acq On : 21 Feb 2019 22:05  
 Operator : JU/SJ  
 Sample : PB117266BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117266BS

Quant Time: Feb 21 23:20:03 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  | 82698    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.99 | 136  | 374887   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.80 | 164  | 248316   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.54 | 188  | 578964   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.83 | 240  | 596640   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 25.21 | 264  | 567503   | 20.00 | ng    | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.71  | 112  | 676921   | 140.09 | ng    | 0.00     |
| 7) Phenol-d6                | 7.32  | 99   | 1025137  | 144.13 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.35  | 82   | 506366   | 84.38  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.28 | 330  | 421555   | 157.65 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.42 | 172  | 1164315  | 67.26  | ng    | -0.02    |
| 79) Terphenyl-d14           | 20.13 | 244  | 1871434  | 66.39  | ng    | -0.02    |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.61  | 88   | 84569    | 40.012 | ng    | 94     |
| 3) Pyridine                    | 4.01  | 79   | 252781   | 45.172 | ng    | 93     |
| 4) n-Nitrosodimethylamine      | 3.93  | 42   | 127653   | 45.613 | ng    | 91     |
| 6) Aniline                     | 7.50  | 93   | 391333   | 43.926 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.74  | 128  | 237130   | 44.897 | ng    | 95     |
| 9) Benzaldehyde                | 7.31  | 77   | 145871   | 41.506 | ng    | 99     |
| 10) Phenol                     | 7.35  | 94   | 328691   | 44.333 | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.59  | 93   | 245505   | 41.906 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 8.06  | 146  | 262516   | 41.029 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 8.21  | 146  | 270431   | 42.405 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.52  | 146  | 259406   | 42.017 | ng    | 99     |
| 15) Benzyl Alcohol             | 8.41  | 79   | 245091   | 43.893 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.69  | 45   | 488383   | 36.915 | ng    | 98     |
| 17) 2-Methylphenol             | 8.60  | 107  | 216396   | 45.102 | ng    | 98     |
| 18) Hexachloroethane           | 9.25  | 117  | 95414    | 43.487 | ng    | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.98  | 70   | 207011   | 41.008 | ng    | 95     |
| 20) 3+4-Methylphenols          | 8.93  | 107  | 304577   | 46.099 | ng    | 99     |
| 22) Acetophenone               | 9.00  | 105  | 391598   | 38.887 | ng    | 96     |
| 24) Nitrobenzene               | 9.39  | 77   | 305072   | 47.057 | ng    | 95     |
| 25) Isophorone                 | 9.91  | 82   | 599334   | 45.070 | ng    | 99     |
| 26) 2-Nitrophenol              | 10.10 | 139  | 152150   | 56.600 | ng    | 96     |
| 27) 2,4-Dimethylphenol         | 10.14 | 122  | 241718   | 44.934 | ng    | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.38 | 93   | 346446   | 42.297 | ng    | 97     |
| 29) 2,4-Dichlorophenol         | 10.63 | 162  | 273995   | 46.604 | ng    | 94     |
| 30) 1,2,4-Trichlorobenzene     | 10.85 | 180  | 281373   | 42.628 | ng    | 99     |
| 31) Naphthalene                | 11.04 | 128  | 807902   | 43.440 | ng    | 98     |
| 32) Benzoic acid               | 10.30 | 122  | 164669   | 46.983 | ng    | 99     |
| 33) 4-Chloroaniline            | 11.15 | 127  | 365312   | 42.363 | ng    | 99     |
| 34) Hexachlorobutadiene        | 11.30 | 225  | 179400   | 40.869 | ng    | 97     |
| 35) Caprolactam                | 11.95 | 113  | 71996    | 29.593 | ng    | 96     |
| 36) 4-Chloro-3-methylphenol    | 12.26 | 107  | 295410   | 43.447 | ng    | 93     |
| 37) 2-Methylnaphthalene        | 12.63 | 142  | 610353   | 44.310 | ng    | 99     |
| 38) 1-Methylnaphthalene        | 12.85 | 142  | 584696   | 44.035 | ng    | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216  | 335967   | 42.524 | ng    | 99     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG022119\  
 Data File : BG039582.D  
 Acq On : 21 Feb 2019 22:05  
 Operator : JU/SJ  
 Sample : PB117266BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

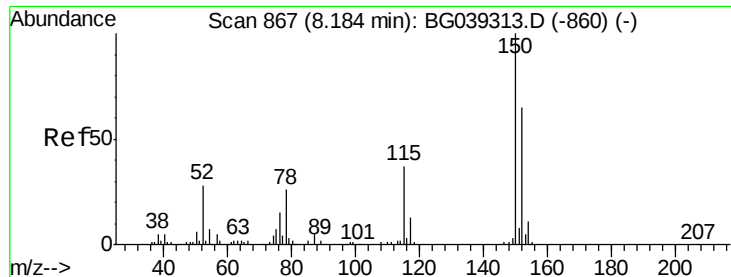
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117266BS

Quant Time: Feb 21 23:20:03 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  | 376672   | 87.492 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.23 | 196  | 226783   | 46.685 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.30 | 196  | 245602   | 48.239 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.63 | 154  | 804061   | 38.918 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.68 | 162  | 629862   | 40.525 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.89 | 65   | 222039   | 49.432 | ng    | 96       |
| 49) Acenaphthylene             | 14.53 | 152  | 976212   | 41.625 | ng    | 99       |
| 50) Dimethylphthalate          | 14.24 | 163  | 807703   | 40.274 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.37 | 165  | 188017   | 49.867 | ng    | 95       |
| 52) Acenaphthene               | 14.86 | 154  | 601958   | 39.542 | ng    | 97       |
| 53) 3-Nitroaniline             | 14.71 | 138  | 189128   | 46.913 | ng    | # 92     |
| 54) 2,4-Dinitrophenol          | 14.91 | 184  | 129413   | 78.691 | ng    | 97       |
| 55) Dibenzofuran               | 15.19 | 168  | 973387   | 39.880 | ng    | 96       |
| 56) 4-Nitrophenol              | 15.01 | 139  | 297423   | 81.876 | ng    | 89       |
| 57) 2,4-Dinitrotoluene         | 15.16 | 165  | 263678   | 53.791 | ng    | # 84     |
| 58) Fluorene                   | 15.84 | 166  | 766993   | 42.153 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.41 | 232  | 235254   | 49.350 | ng    | 96       |
| 60) Diethylphthalate           | 15.60 | 149  | 811616   | 39.142 | ng    | 96       |
| 61) 4-Chlorophenyl-phenylether | 15.82 | 204  | 413717   | 40.156 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.88 | 138  | 206617   | 49.031 | ng    | 90       |
| 63) Azobenzene                 | 16.12 | 77   | 735747   | 36.303 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 123665   | 52.316 | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 16.04 | 169  | 702052   | 39.880 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.72 | 248  | 270066   | 42.047 | ng    | 96       |
| 68) Hexachlorobenzene          | 16.83 | 284  | 278241   | 43.177 | ng    | 95       |
| 69) Atrazine                   | 16.98 | 200  | 170868   | 26.560 | ng    | 98       |
| 70) Pentachlorophenol          | 17.18 | 266  | 325188   | 72.606 | ng    | 98       |
| 71) Phenanthrene               | 17.58 | 178  | 1234806  | 41.208 | ng    | 98       |
| 72) Anthracene                 | 17.68 | 178  | 1259610  | 42.675 | ng    | 97       |
| 73) Carbazole                  | 17.95 | 167  | 1129631  | 38.349 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.47 | 149  | 1336454  | 38.890 | ng    | 98       |
| 75) Fluoranthene               | 19.58 | 202  | 1486457  | 42.738 | ng    | 99       |
| 77) Benzidine                  | 19.76 | 184  | 990139   | 50.618 | ng    | 98       |
| 78) Pyrene                     | 19.94 | 202  | 1482194  | 39.906 | ng    | 97       |
| 80) Butylbenzylphthalate       | 20.81 | 149  | 663497   | 42.347 | ng    | 95       |
| 81) Benzo(a)anthracene         | 21.81 | 228  | 1489201  | 42.241 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.72 | 252  | 539925   | 41.303 | ng    | 99       |
| 83) Chrysene                   | 21.88 | 228  | 1402646  | 41.794 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.68 | 149  | 919594   | 41.140 | ng    | 96       |
| 85) Di-n-octyl phthalate       | 22.93 | 149  | 1558744  | 42.209 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.11 | 276  | 1491647  | 41.426 | ng    | # 95     |
| 88) Benzo(b)fluoranthene       | 24.13 | 252  | 1453210  | 46.955 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 24.20 | 252  | 1442574  | 46.426 | ng    | 99       |
| 90) Benzo(a)pyrene             | 25.05 | 252  | 1446826  | 48.541 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 29.18 | 278  | 1231495  | 44.118 | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 30.33 | 276  | 1200578  | 43.152 | ng    | 99       |

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



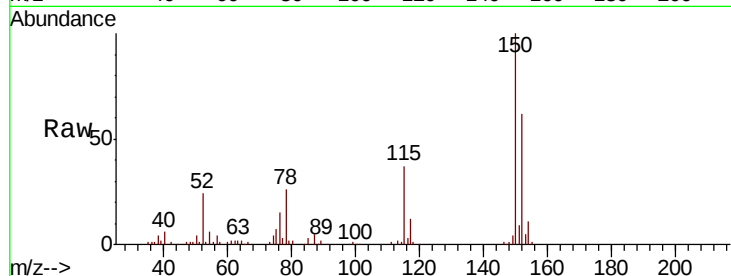


#1

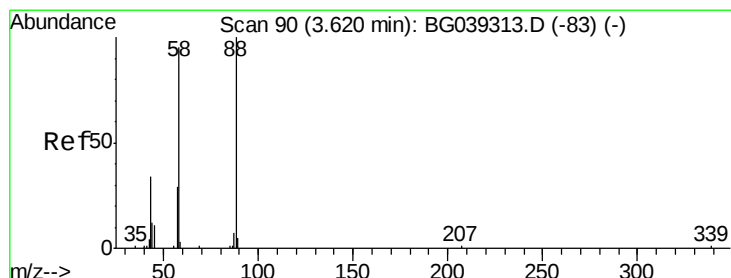
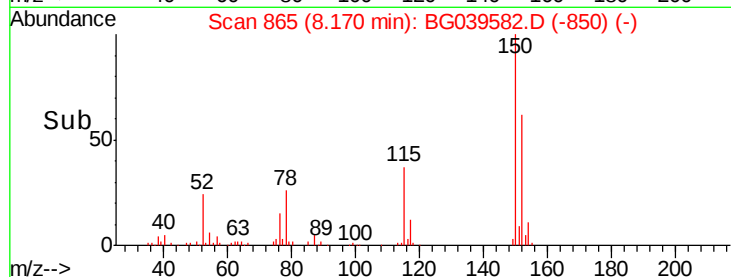
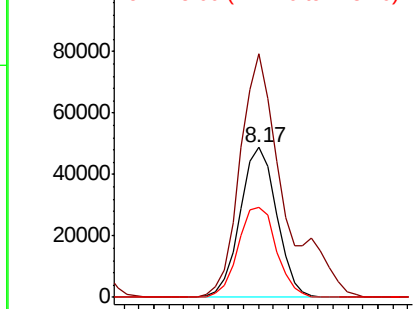
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.17 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Instrument :  
BNA\_G  
ClientSampleId :  
PB117266BS

Tgt Ion:152 Resp: 82698  
Ion Ratio Lower Upper  
152 100  
150 162.5 123.7 185.5  
115 60.0 45.9 68.9



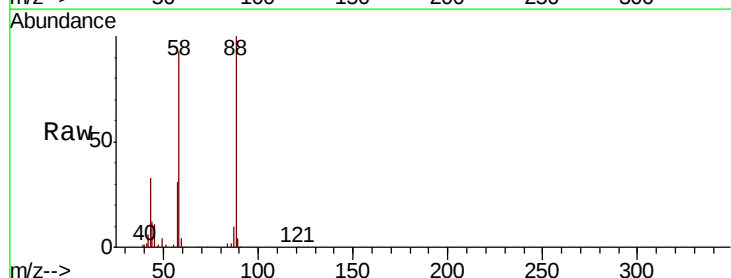
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



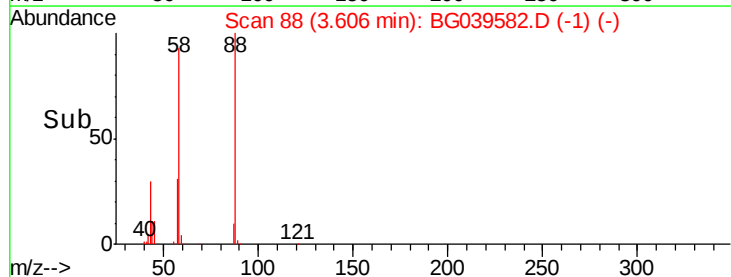
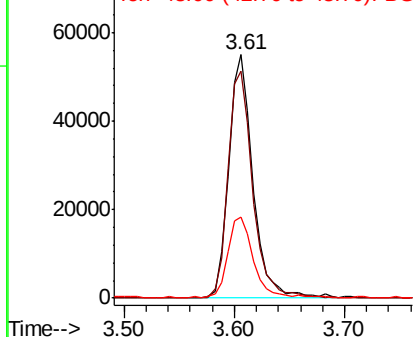
#2

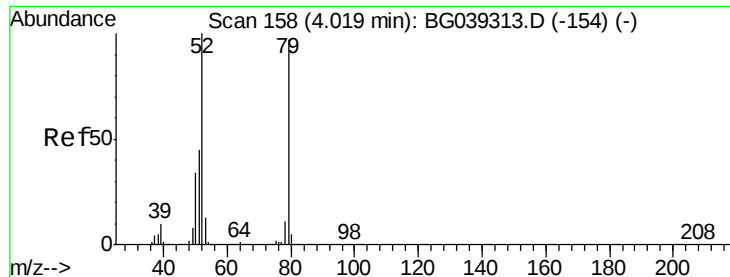
1,4-Dioxane  
Concen: 40.012 ng  
RT: 3.61 min Scan# 88  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Tgt Ion: 88 Resp: 84569  
Ion Ratio Lower Upper  
88 100  
58 95.2 81.1 121.7  
43 36.3 31.4 47.0



Abundance Ion 88.00 (87.70 to 88.70): BGC  
Ion 58.00 (57.70 to 58.70): BGC  
Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 45.172 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

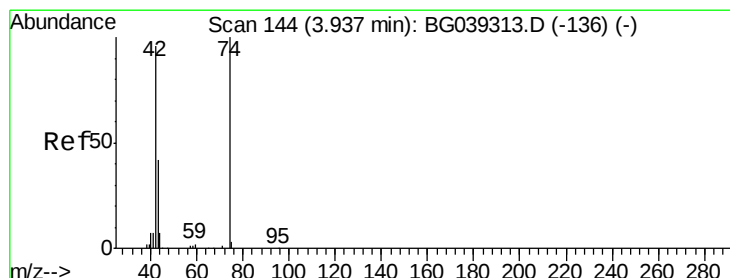
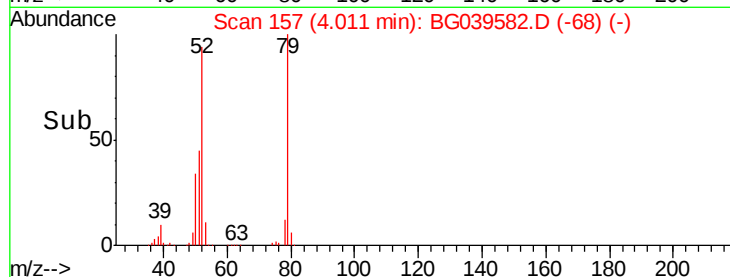
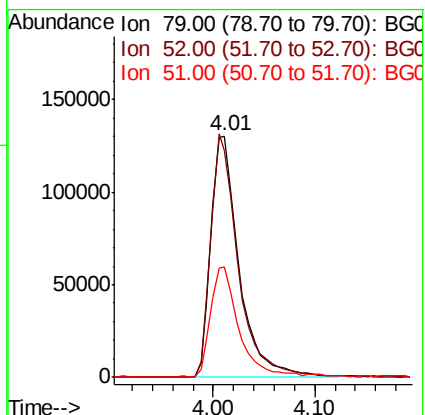
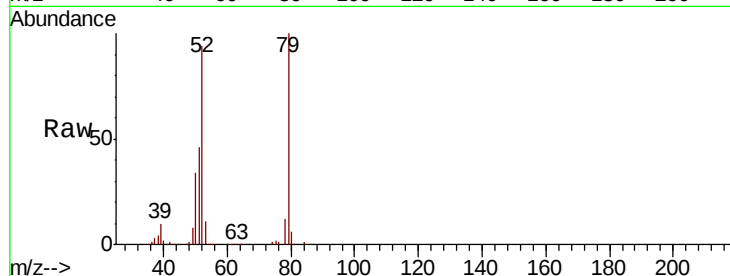
Tgt Ion: 79 Resp: 252781

Ion Ratio Lower Upper

79 100

52 93.9 82.6 124.0

51 45.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 45.613 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

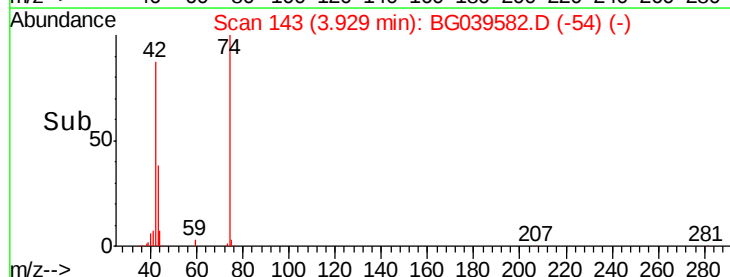
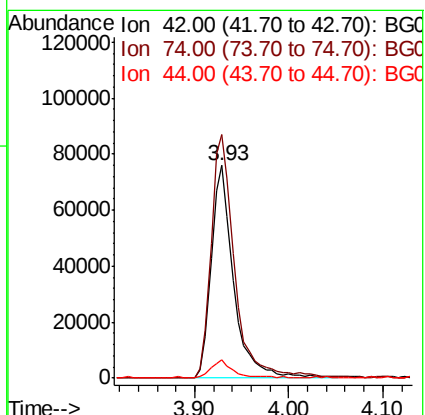
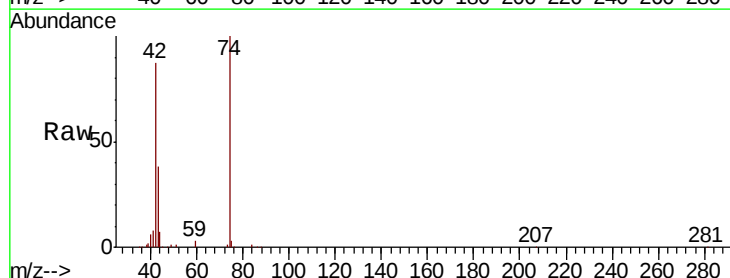
Tgt Ion: 42 Resp: 127653

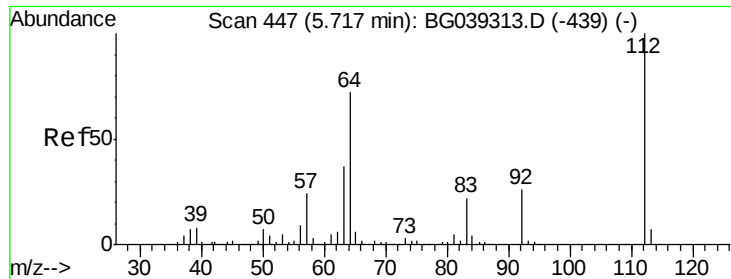
Ion Ratio Lower Upper

42 100

74 114.7 83.6 125.4

44 8.5 6.9 10.3





#5

2-Fluorophenol

Concen: 140.095 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

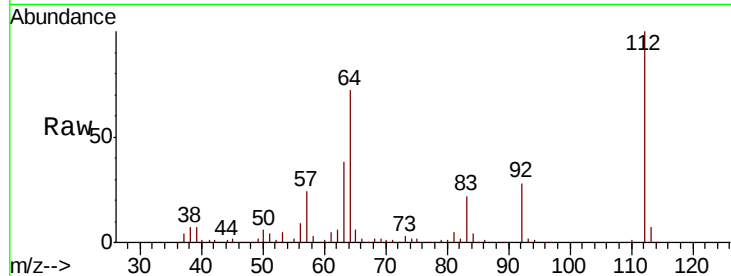
Tgt Ion: 112 Resp: 676921

Ion Ratio Lower Upper

112 100

64 71.7 57.8 86.8

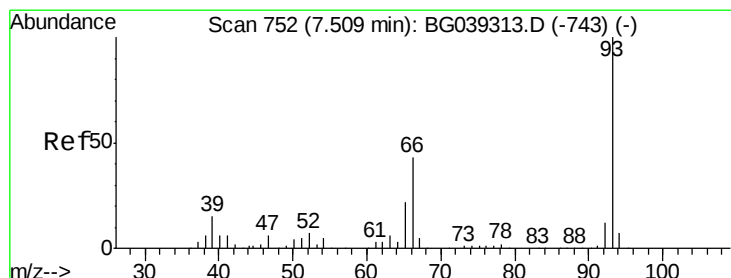
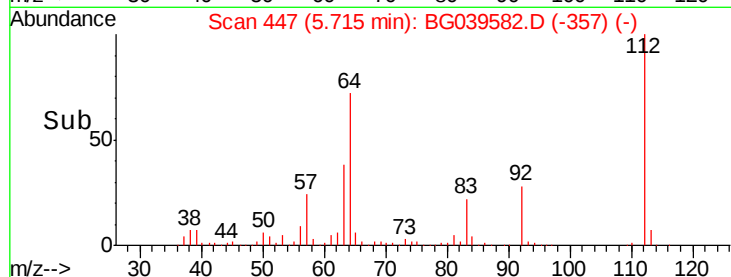
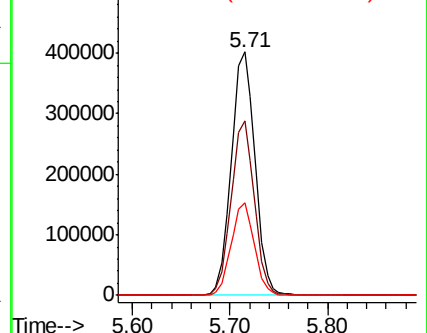
63 37.9 29.8 44.6



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: 43.926 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

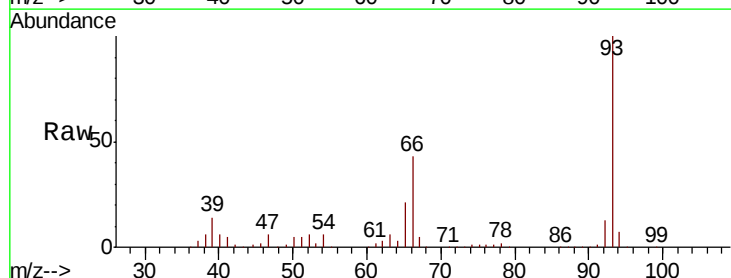
Tgt Ion: 93 Resp: 391333

Ion Ratio Lower Upper

93 100

66 42.7 34.2 51.4

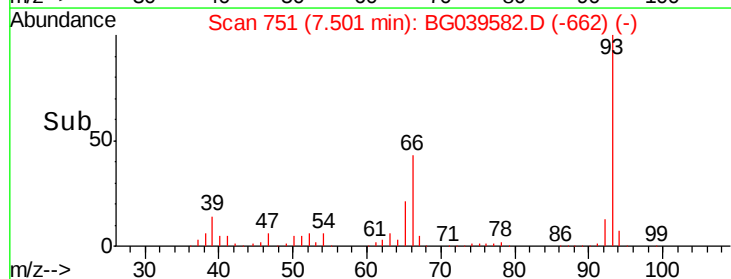
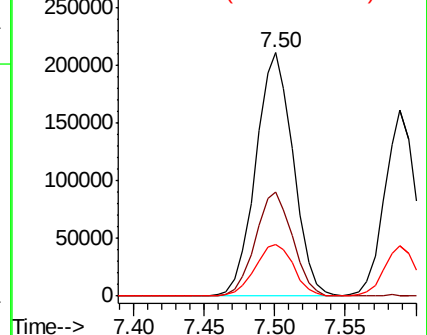
65 21.3 17.7 26.5

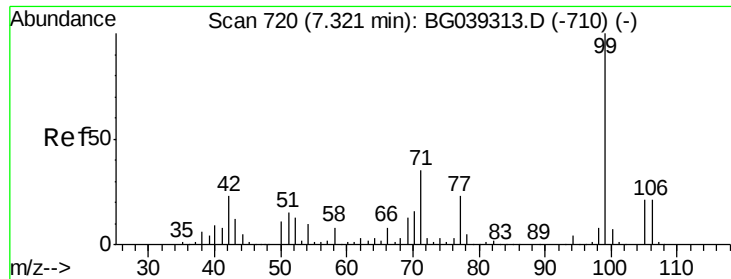


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 144.134 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

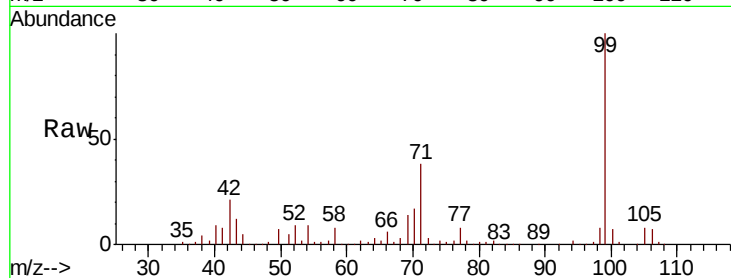
Tgt Ion: 99 Resp: 1025137

Ion Ratio Lower Upper

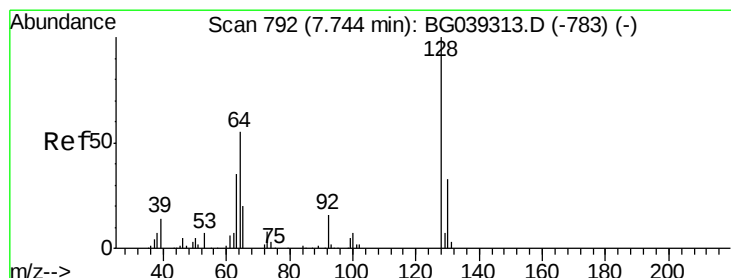
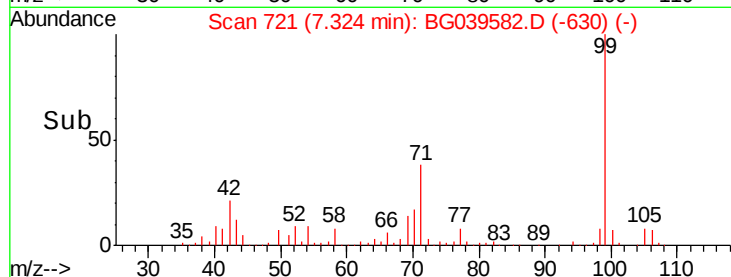
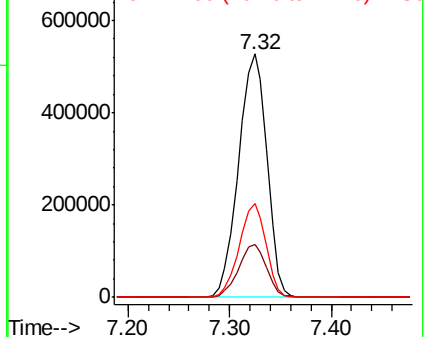
99 100

42 21.5 18.2 27.2

71 38.4 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: 44.897 ng

RT: 7.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

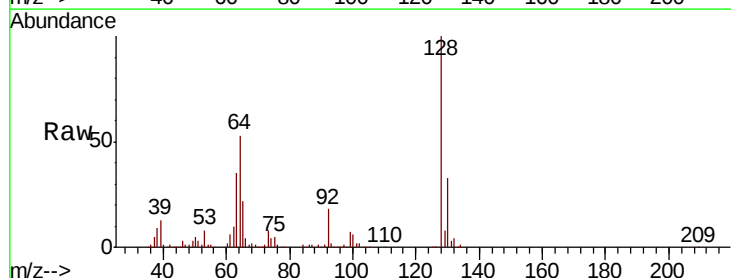
Tgt Ion:128 Resp: 237130

Ion Ratio Lower Upper

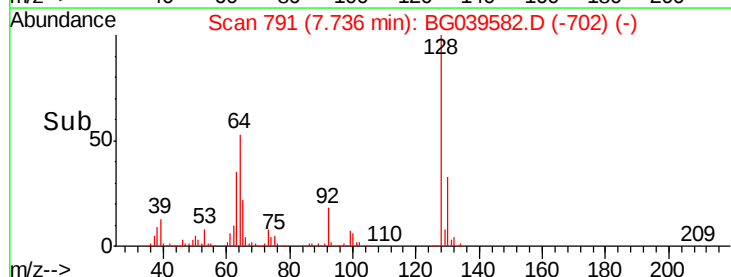
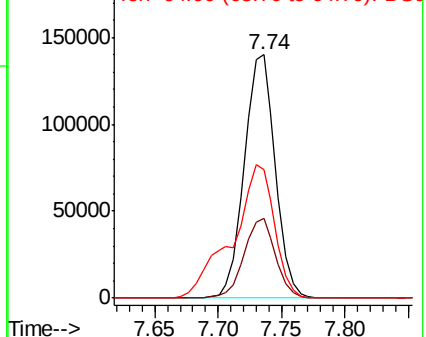
128 100

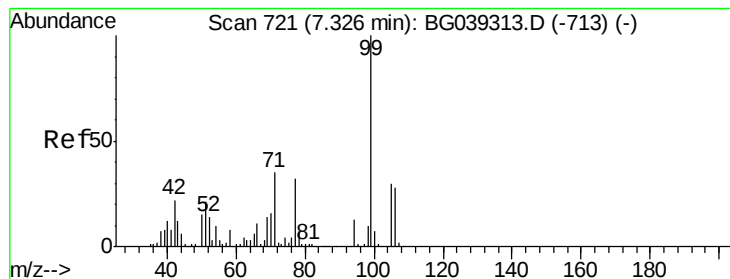
130 32.9 12.9 52.9

64 52.5 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: 41.506 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampled :

PB117266BS

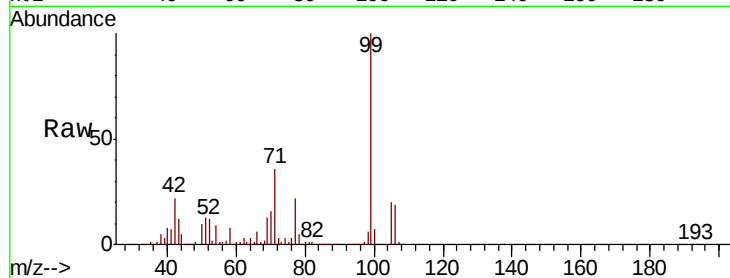
Tgt Ion: 77 Resp: 145871

Ion Ratio Lower Upper

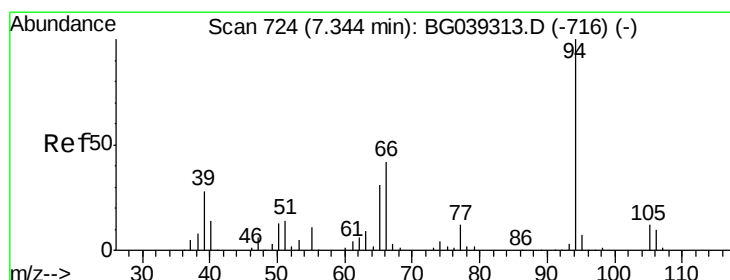
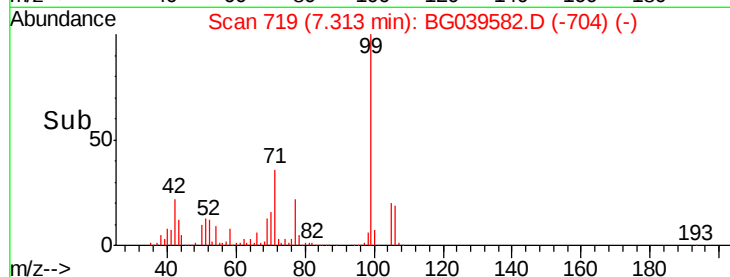
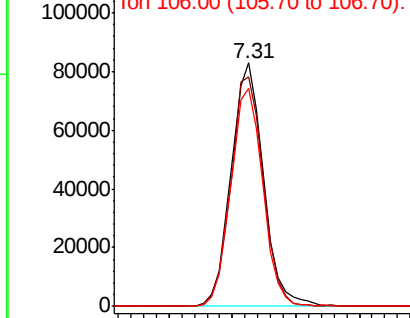
77 100

105 94.3 74.5 114.5

106 89.5 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: 44.333 ng

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

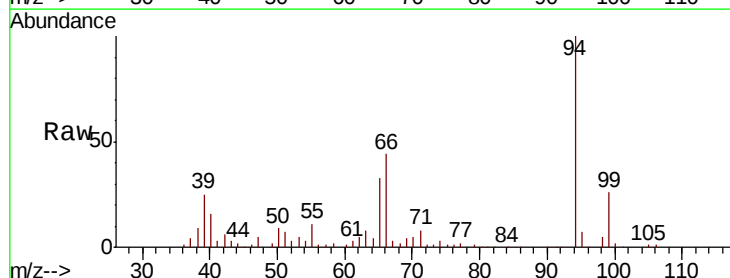
Tgt Ion: 94 Resp: 328691

Ion Ratio Lower Upper

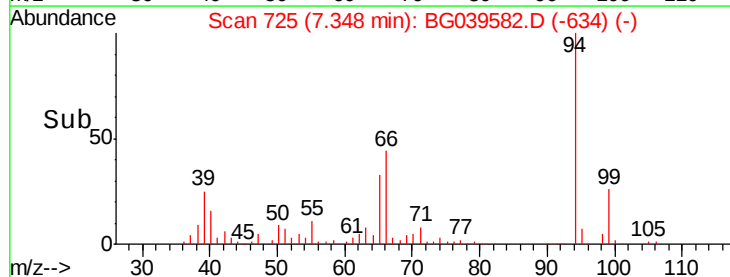
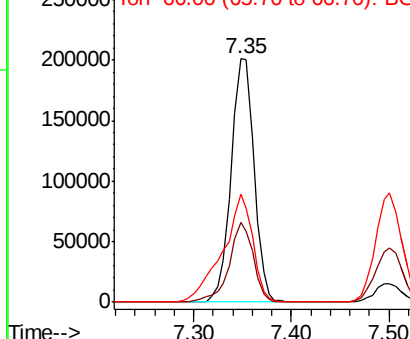
94 100

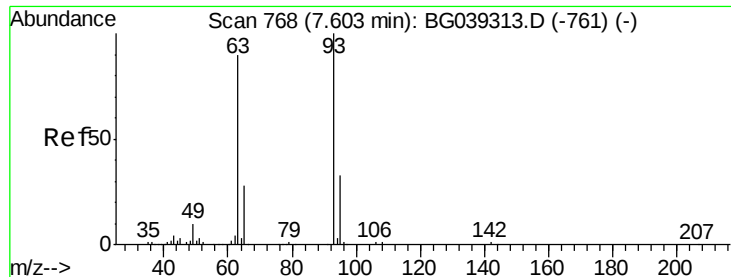
65 32.9 11.7 51.7

66 44.1 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

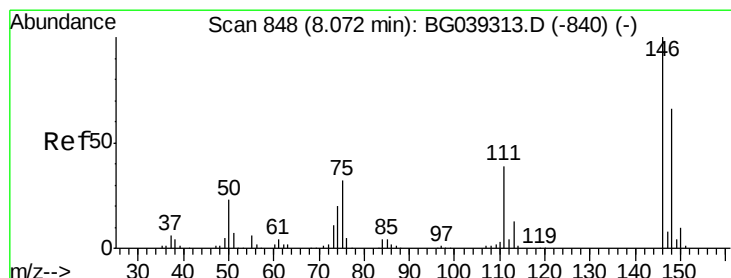
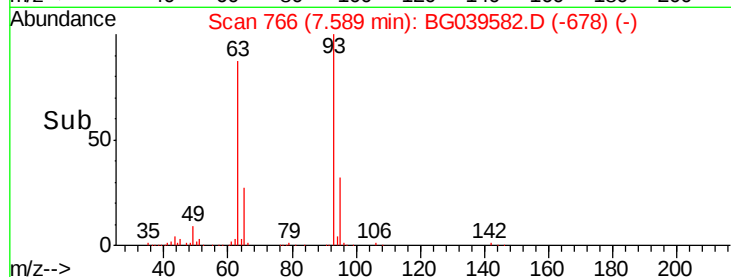
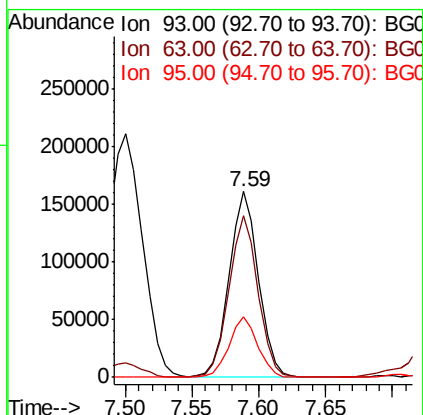
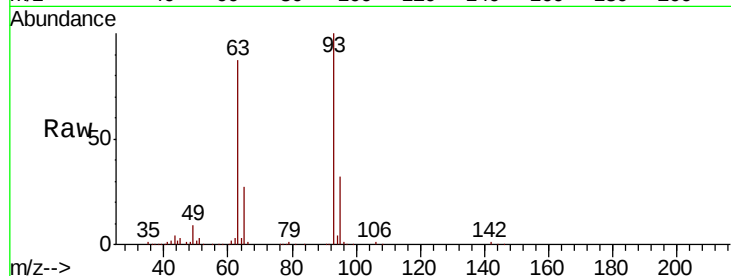




#11  
bis(2-Chloroethyl)ether  
Concen: 41.906 ng  
RT: 7.59 min Scan# 766  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

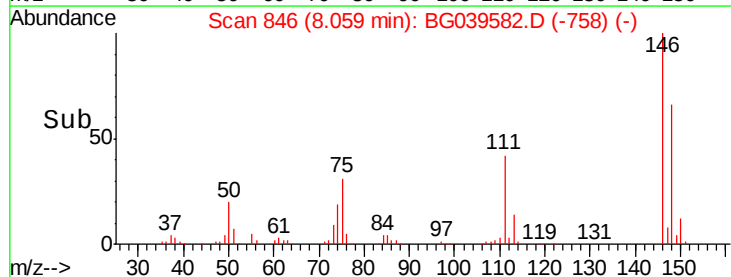
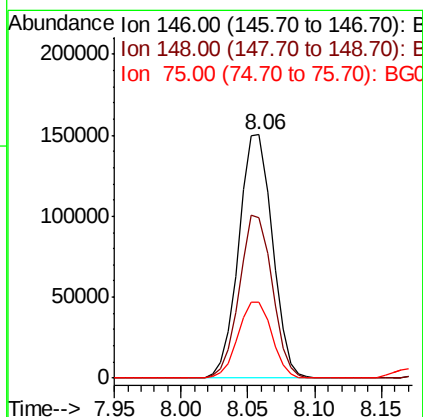
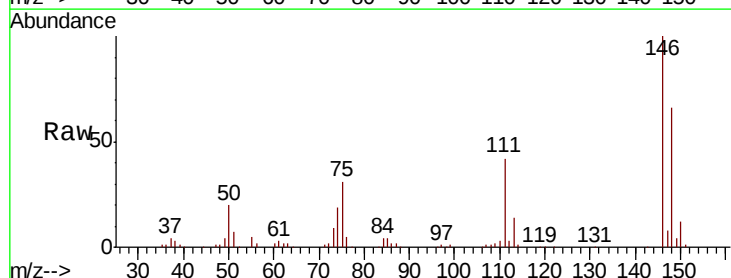
Instrument :  
BNA\_G  
ClientSampleId :  
PB117266BS

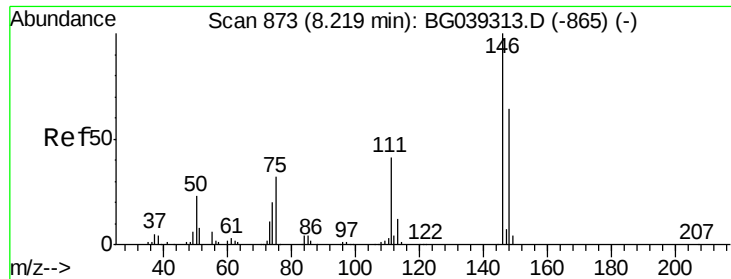
Tgt Ion: 93 Resp: 245505  
Ion Ratio Lower Upper  
93 100  
63 86.9 69.5 109.5  
95 32.4 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 41.029 ng  
RT: 8.06 min Scan# 846  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Tgt Ion: 146 Resp: 262516  
Ion Ratio Lower Upper  
146 100  
148 65.8 52.6 79.0  
75 31.2 25.8 38.6

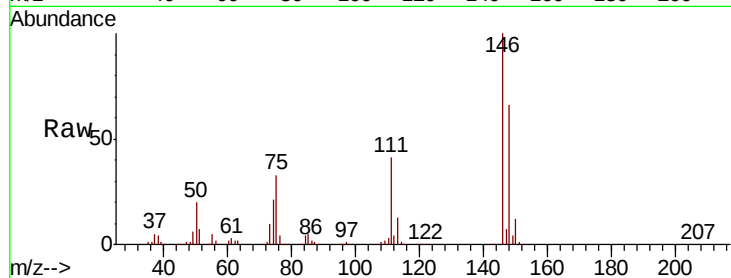




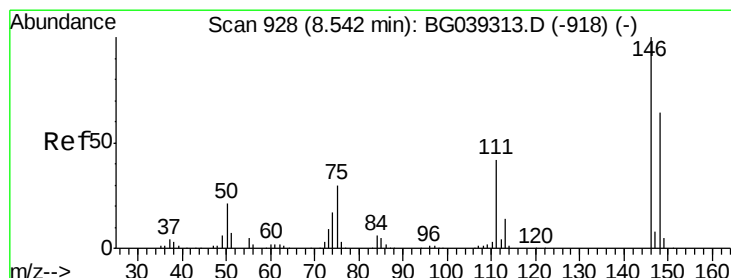
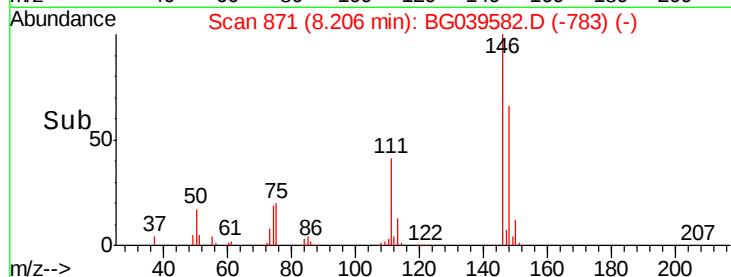
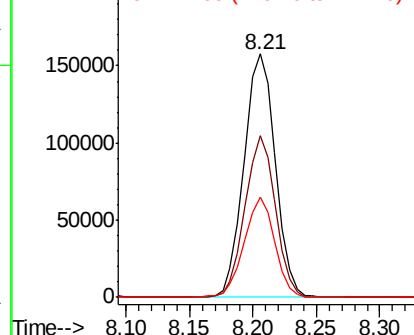
#13  
 1,4-Dichlorobenzene  
 Concen: 42.405 ng  
 RT: 8.21 min Scan# 871  
 Delta R.T. -0.01 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117266BS

Tgt Ion:146 Resp: 270431  
 Ion Ratio Lower Upper  
 146 100  
 148 66.3 51.1 76.7  
 111 41.0 32.6 48.8

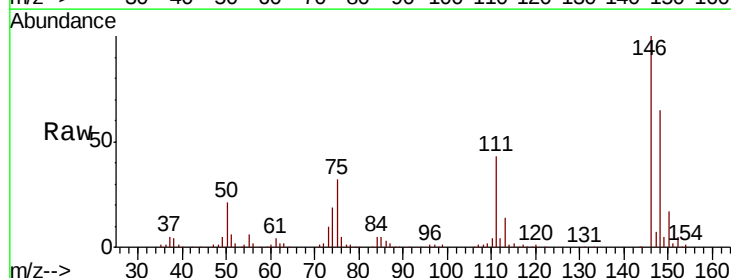


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

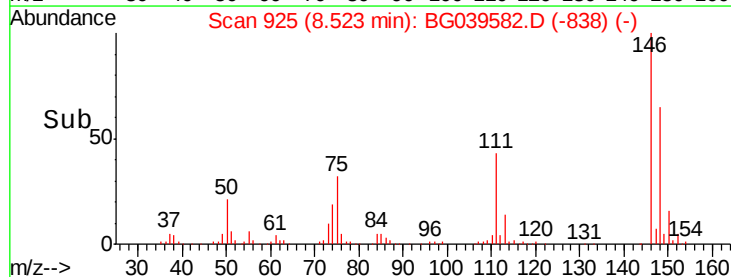
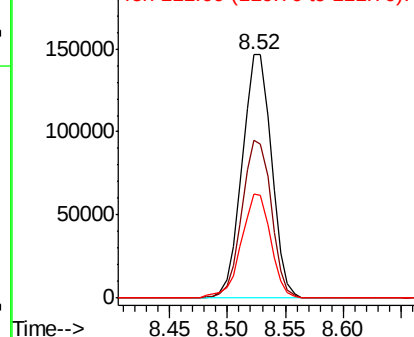


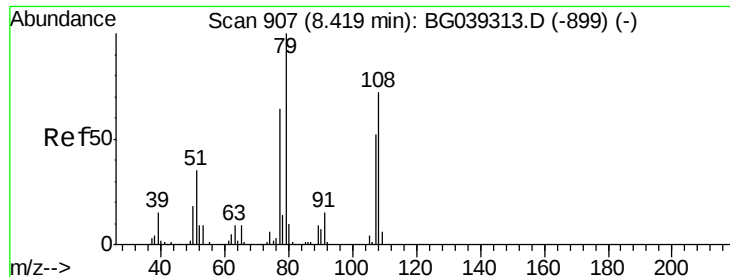
#14  
 1,2-Dichlorobenzene  
 Concen: 42.017 ng  
 RT: 8.52 min Scan# 925  
 Delta R.T. -0.02 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

Tgt Ion:146 Resp: 259406  
 Ion Ratio Lower Upper  
 146 100  
 148 64.9 51.5 77.3  
 111 42.8 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: 43.893 ng

RT: 8.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

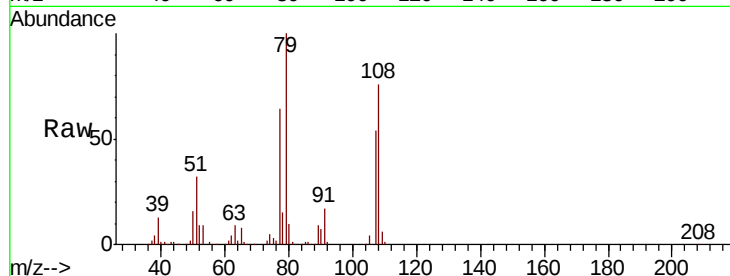
Tgt Ion: 79 Resp: 245091

Ion Ratio Lower Upper

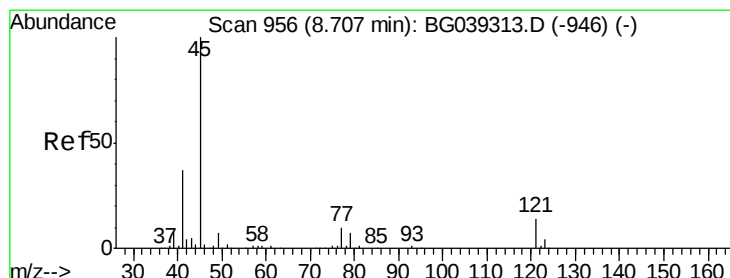
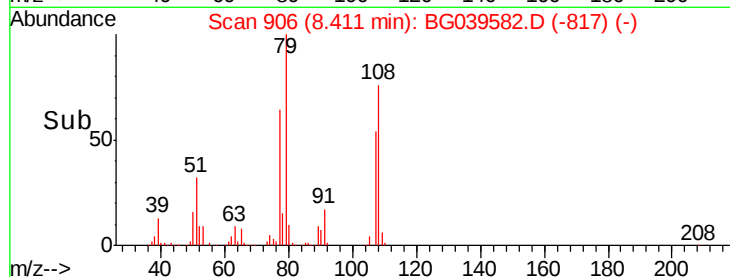
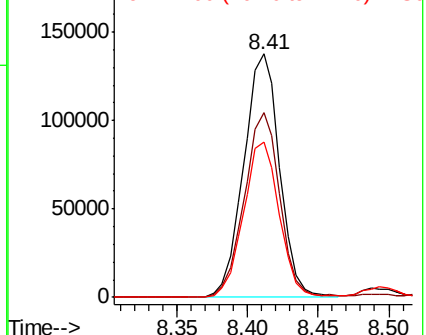
79 100

108 75.9 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: 36.915 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

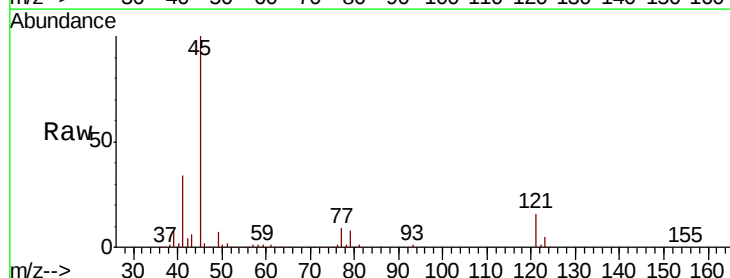
Tgt Ion: 45 Resp: 488383

Ion Ratio Lower Upper

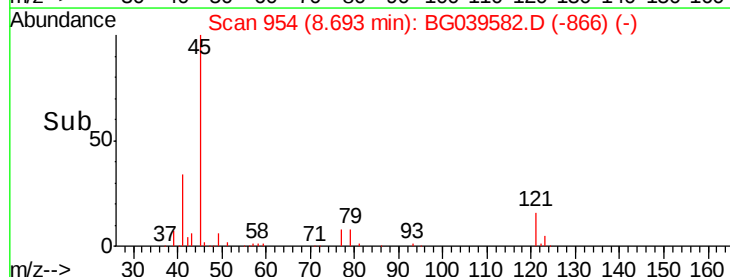
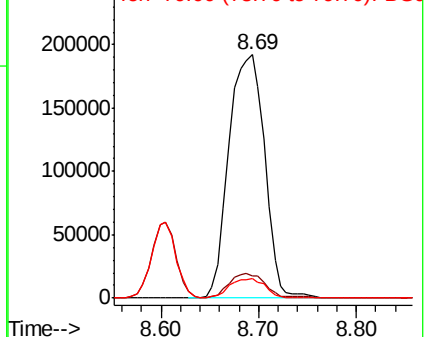
45 100

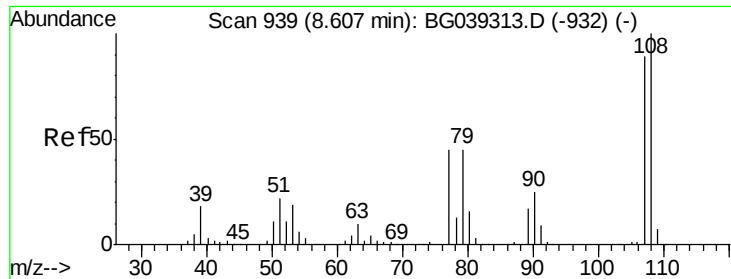
77 9.0 0.0 30.0

79 8.3 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

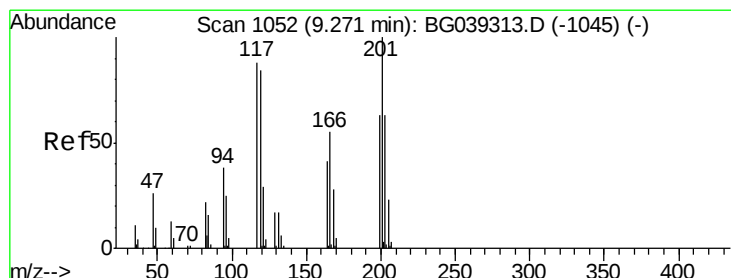
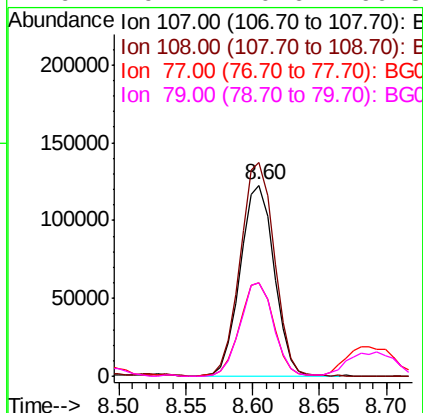
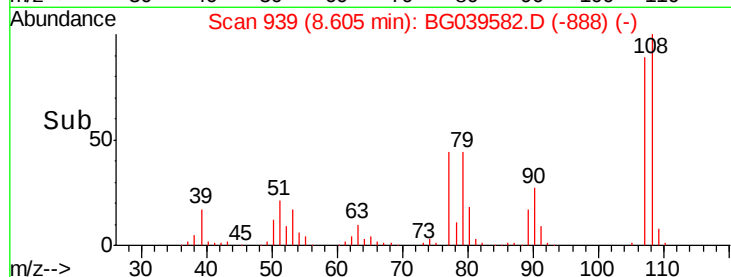
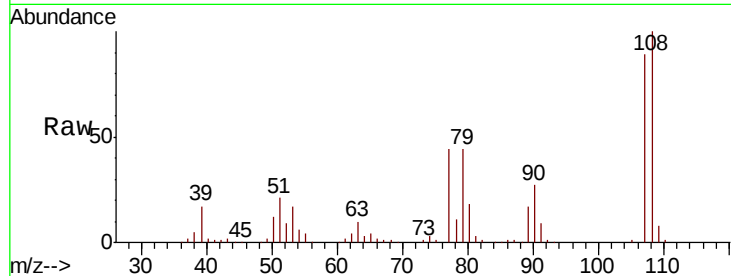




#17  
2-Methylphenol  
Concen: 45.102 ng  
RT: 8.60 min Scan# 939  
Delta R.T. -0.00 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

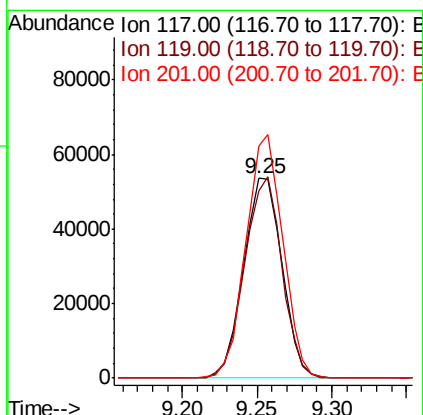
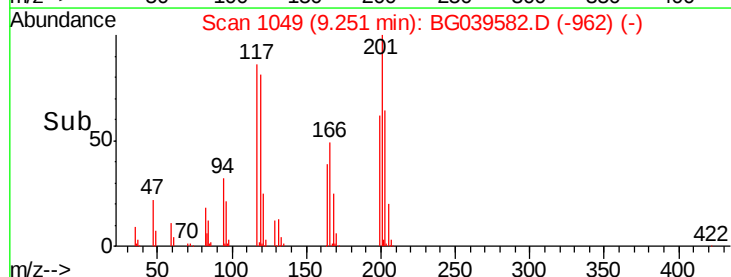
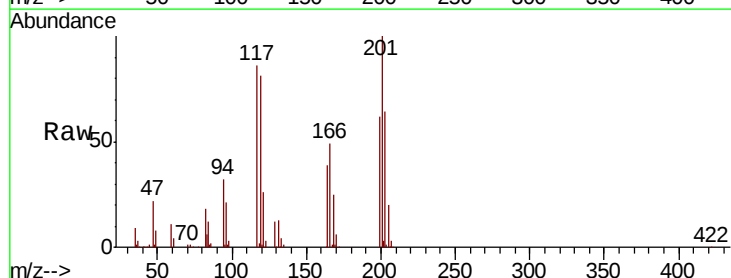
Instrument :  
BNA\_G  
ClientSampleId :  
PB117266BS

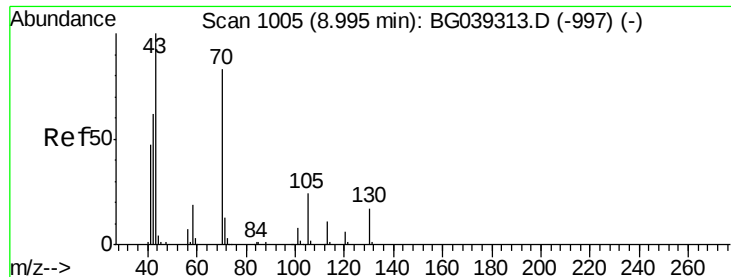
Tgt Ion:107 Resp: 216396  
Ion Ratio Lower Upper  
107 100  
108 111.9 90.8 136.2  
77 49.1 40.7 61.1  
79 49.1 40.6 60.8



#18  
Hexachloroethane  
Concen: 43.487 ng  
RT: 9.25 min Scan# 1049  
Delta R.T. -0.02 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Tgt Ion:117 Resp: 95414  
Ion Ratio Lower Upper  
117 100  
119 94.1 76.3 114.5  
201 116.4 91.1 136.7

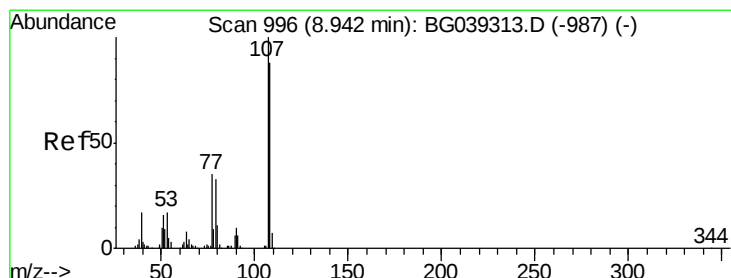
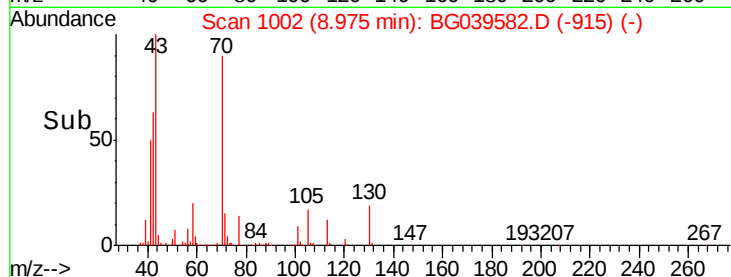
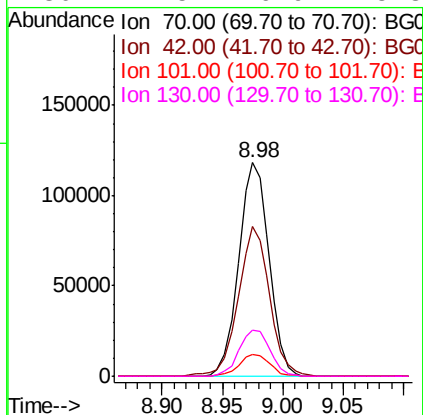
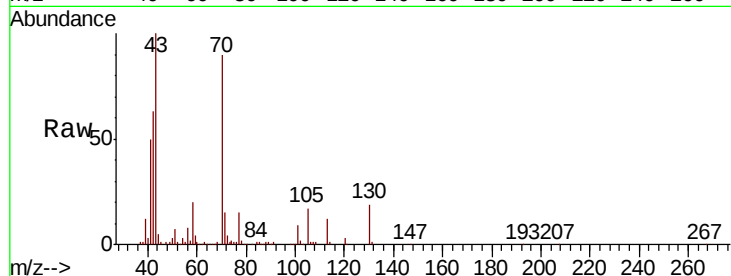




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.008 ng  
RT: 8.98 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

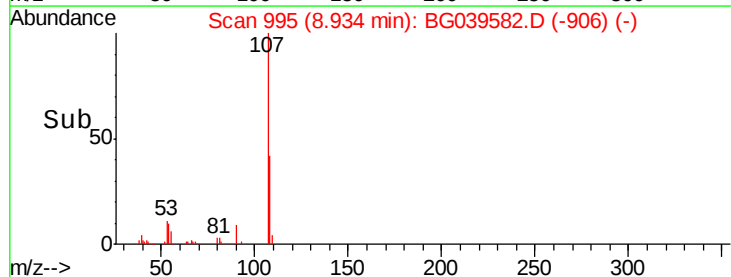
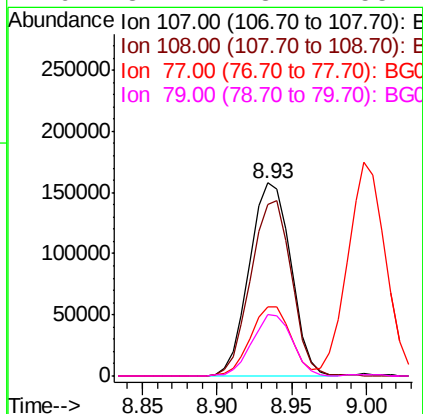
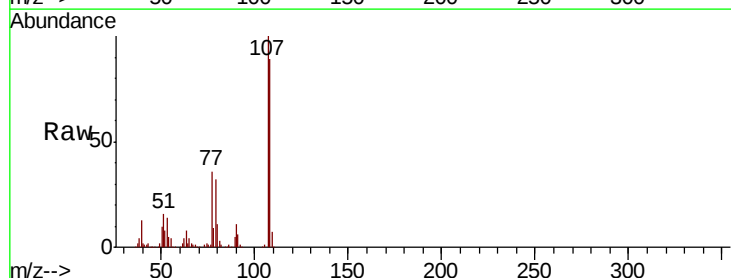
Instrument :  
BNA\_G  
ClientSampleId :  
PB117266BS

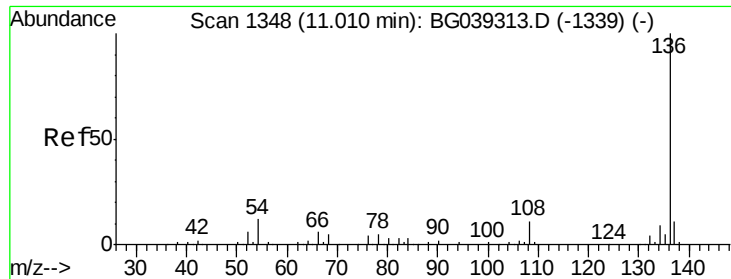
Tgt Ion: 70 Resp: 207011  
Ion Ratio Lower Upper  
70 100  
42 70.0 60.4 90.6  
101 10.0 7.5 11.3  
130 21.5 16.9 25.3



#20  
3+4-Methylphenols  
Concen: 46.099 ng  
RT: 8.93 min Scan# 995  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Tgt Ion: 107 Resp: 304577  
Ion Ratio Lower Upper  
107 100  
108 88.5 67.9 107.9  
77 35.7 15.4 55.4  
79 32.1 13.7 53.7

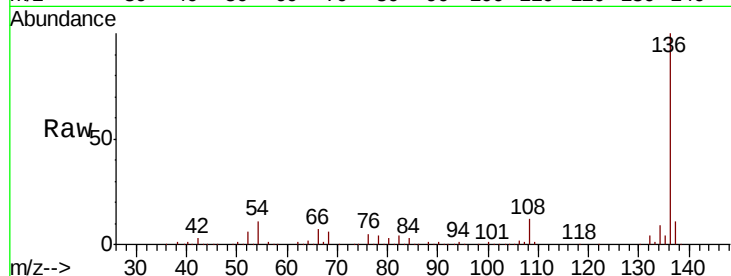




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.99 min Scan# 1345  
Delta R.T. -0.02 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Instrument :  
BNA\_G  
ClientSampleId :  
PB117266BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 374887 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 9.1   | 13.7   |
| 54       | 11.0  | 9.4   | 14.2   |
| 68       | 6.1   | 4.2   | 6.4    |



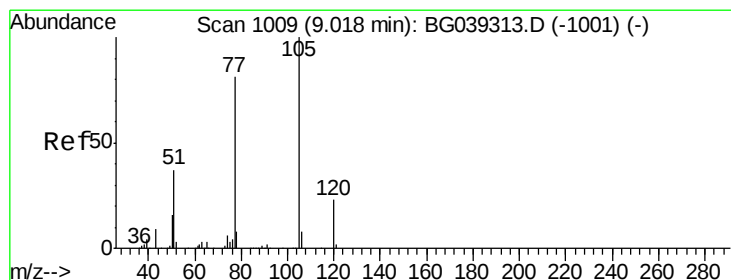
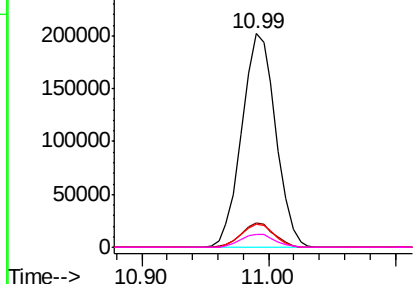
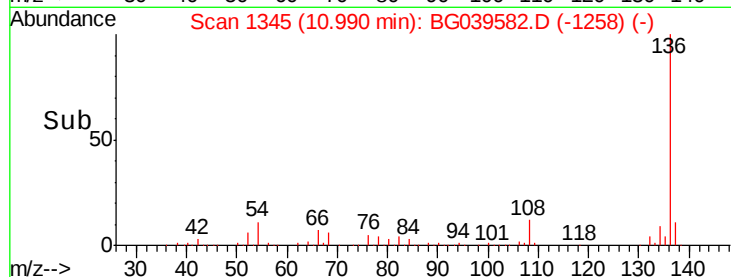
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

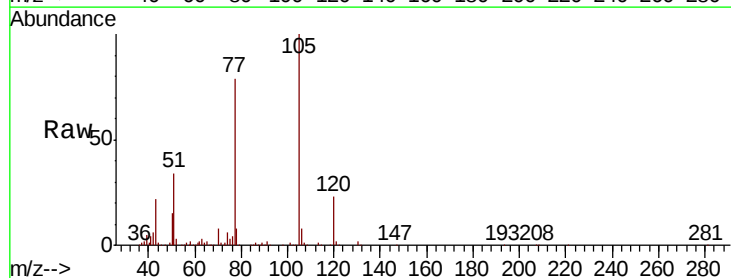
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 38.887 ng  
RT: 9.00 min Scan# 1006  
Delta R.T. -0.02 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 391598 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.1   | 0.8   | 1.2    |
| 51       | 33.7  | 30.2  | 45.2   |
| 120      | 22.7  | 18.0  | 27.0   |



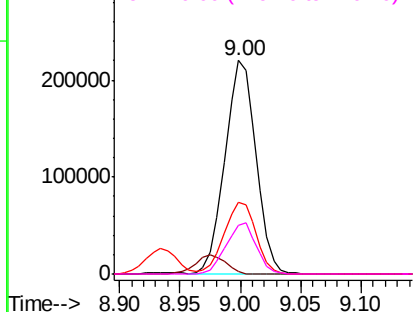
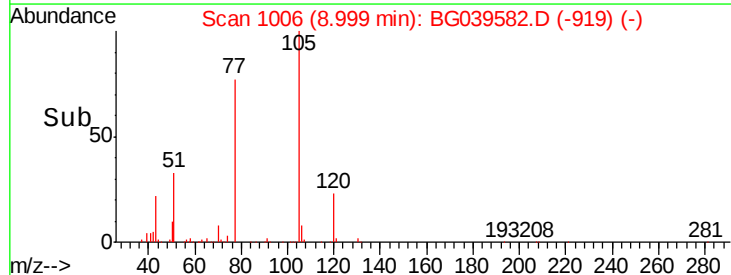
Abundance

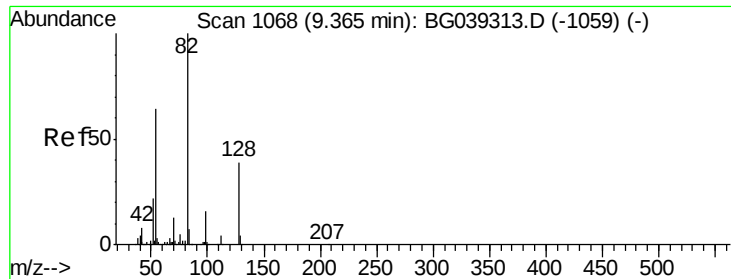
Ion 105.00 (104.70 to 105.70): E

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

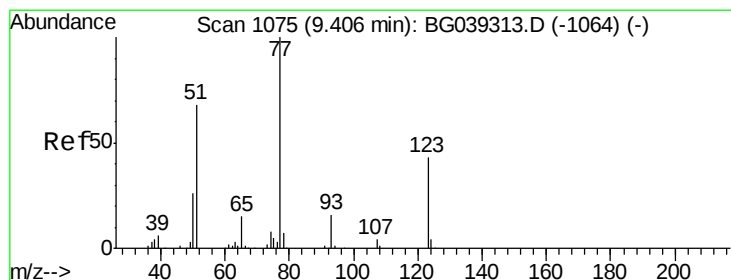
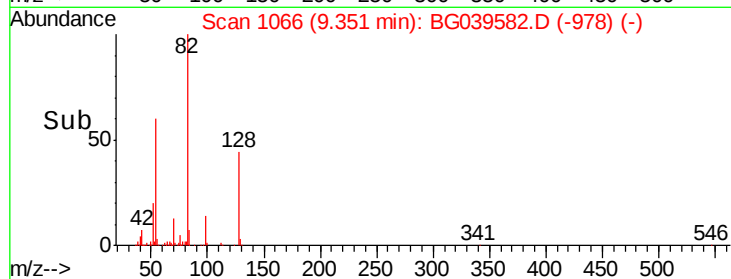
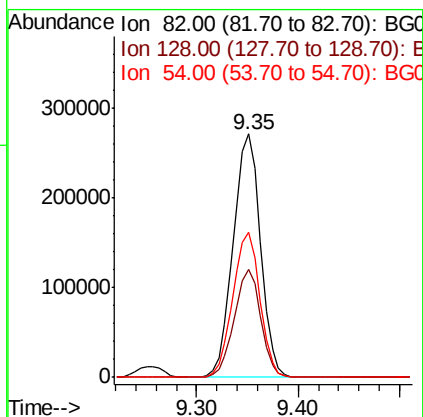
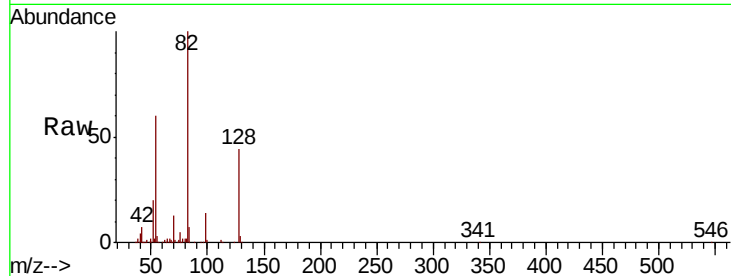




#23  
 Nitrobenzene-d5  
 Concen: 84.381 ng  
 RT: 9.35 min Scan# 1066  
 Delta R.T. -0.01 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

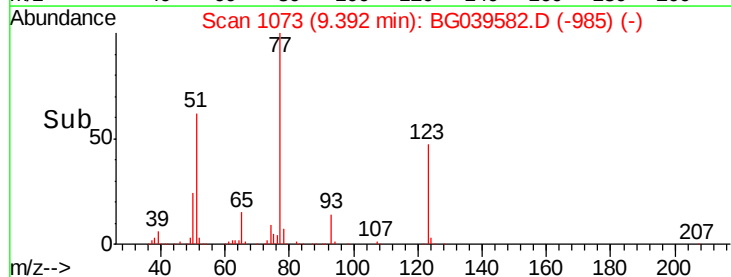
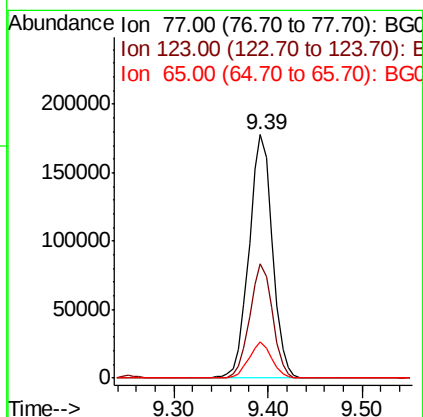
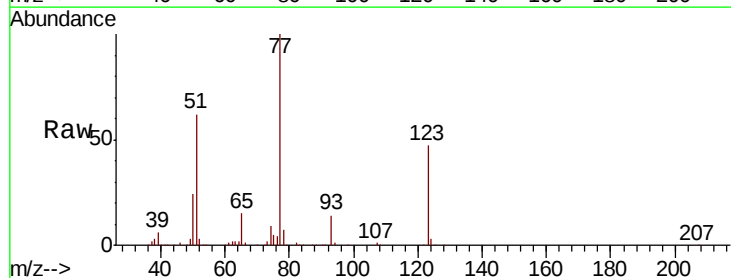
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117266BS

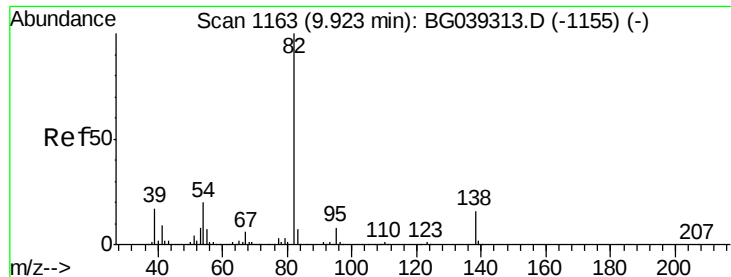
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 44.3  | 31.3  | 46.9  |
| 54      | 59.5  | 50.9  | 76.3  |



#24  
 Nitrobenzene  
 Concen: 47.057 ng  
 RT: 9.39 min Scan# 1073  
 Delta R.T. -0.01 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.8  | 34.1  | 51.1  |
| 65      | 15.1  | 12.3  | 18.5  |

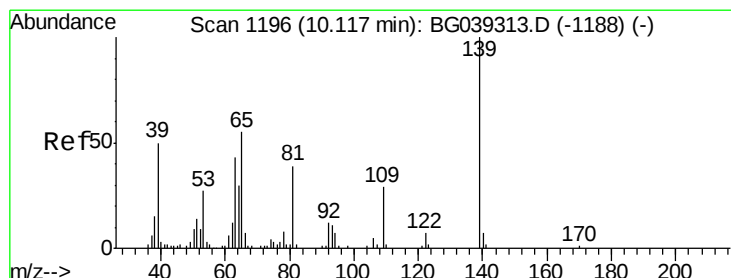
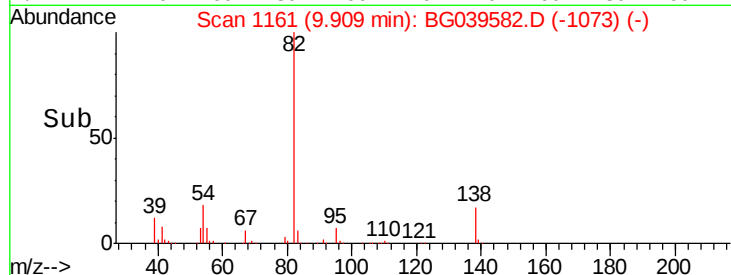
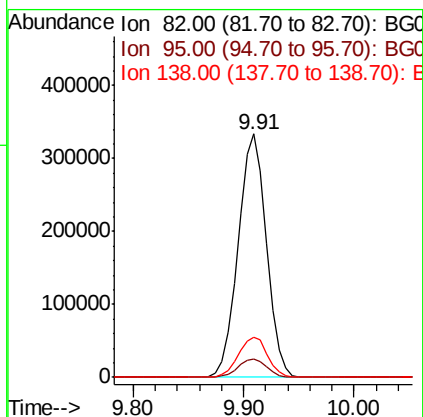
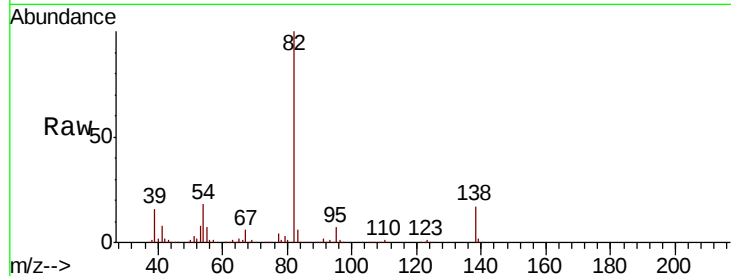




#25  
Isophorone  
Concen: 45.070 ng  
RT: 9.91 min Scan# 1161  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

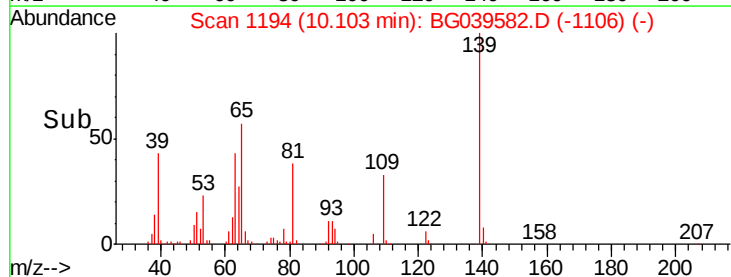
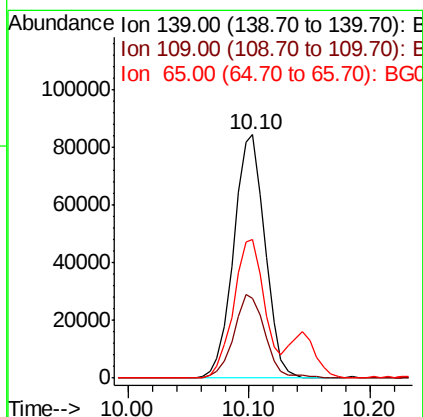
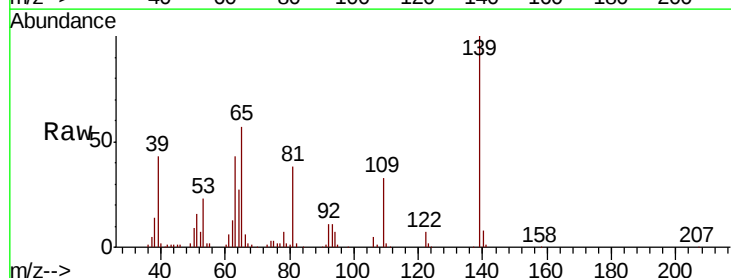
Instrument :  
BNA\_G  
ClientSampleId :  
PB117266BS

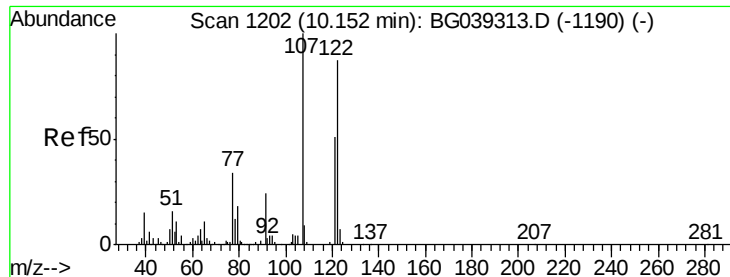
Tgt Ion: 82 Resp: 599334  
Ion Ratio Lower Upper  
82 100  
95 7.3 6.2 9.2  
138 16.7 13.0 19.4



#26  
2-Nitrophenol  
Concen: 56.600 ng  
RT: 10.10 min Scan# 1194  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Tgt Ion: 139 Resp: 152150  
Ion Ratio Lower Upper  
139 100  
109 32.6 23.4 35.0  
65 57.0 44.3 66.5

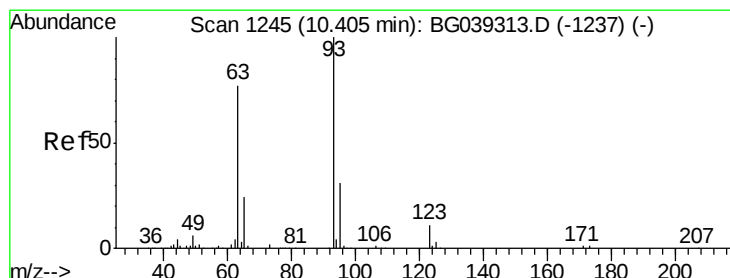
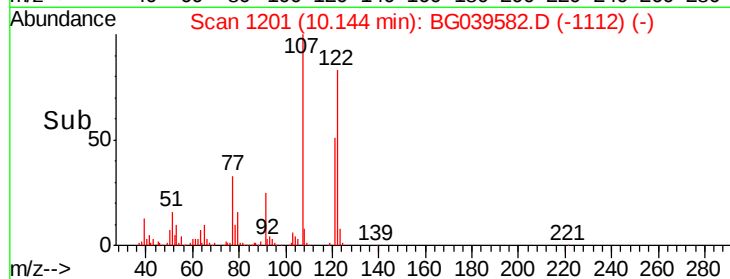
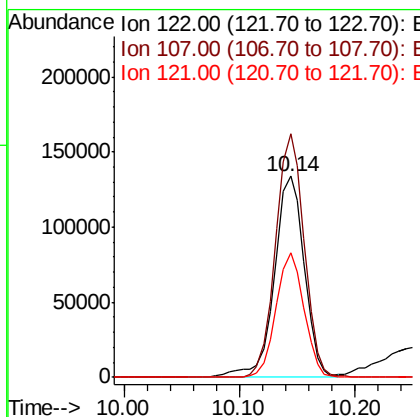
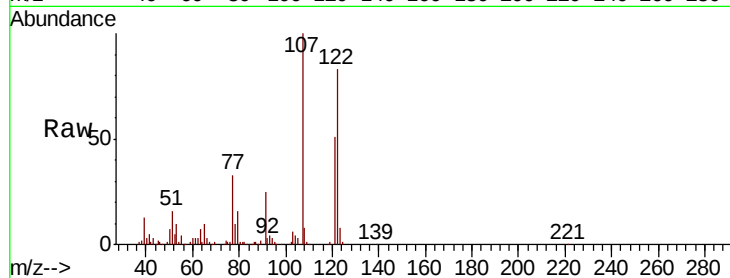




#27  
2,4-Dimethylphenol  
Concen: 44.934 ng  
RT: 10.14 min Scan# 1201  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

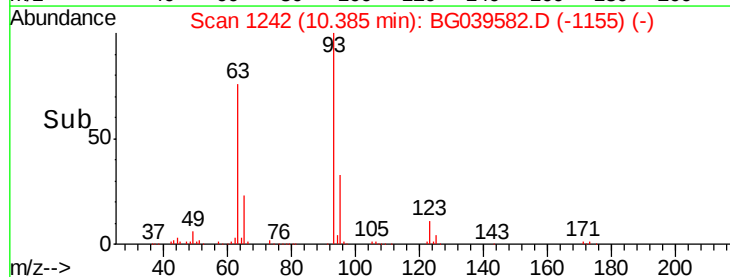
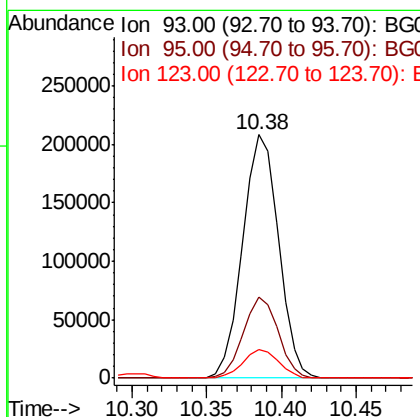
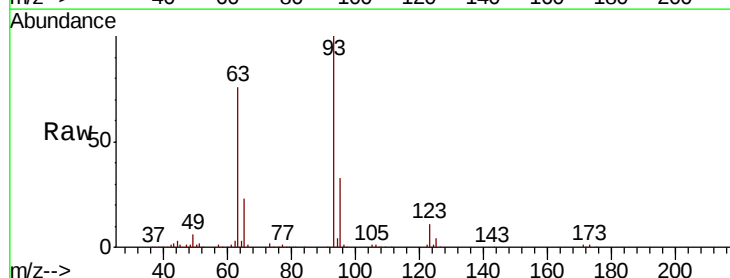
Instrument :  
BNA\_G  
ClientSampleId :  
PB117266BS

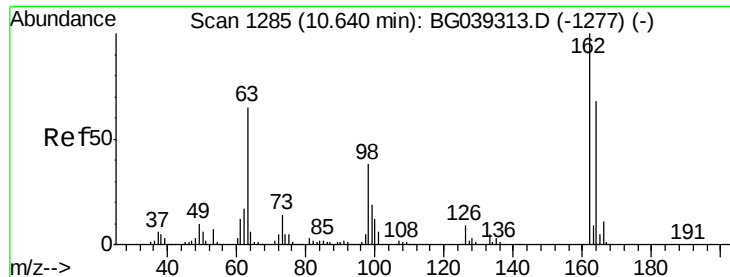
Tgt Ion:122 Resp: 241718  
Ion Ratio Lower Upper  
122 100  
107 121.0 91.7 137.5  
121 61.7 46.4 69.6



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.297 ng  
RT: 10.38 min Scan# 1242  
Delta R.T. -0.02 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Tgt Ion: 93 Resp: 346446  
Ion Ratio Lower Upper  
93 100  
95 33.2 25.0 37.4  
123 11.5 8.6 12.8

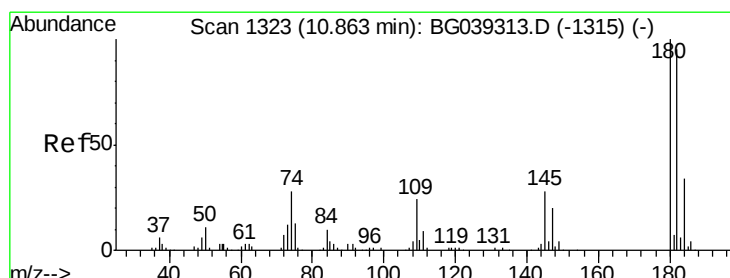
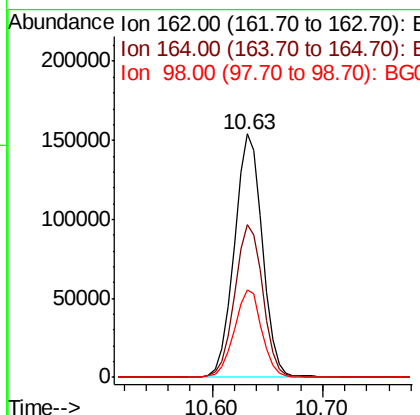
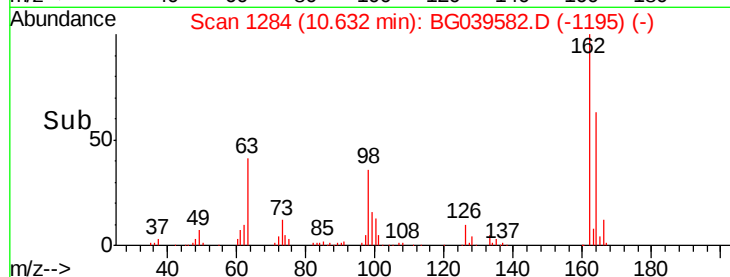
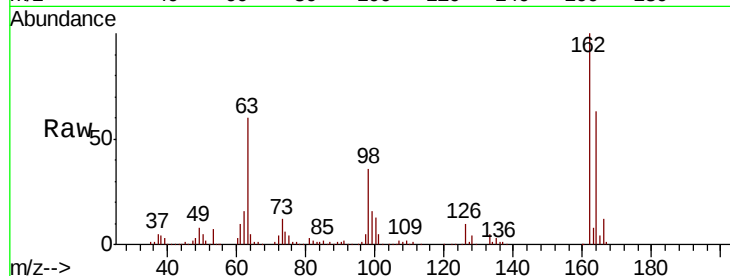




#29  
2,4-Dichlorophenol  
Concen: 46.604 ng  
RT: 10.63 min Scan# 1284  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

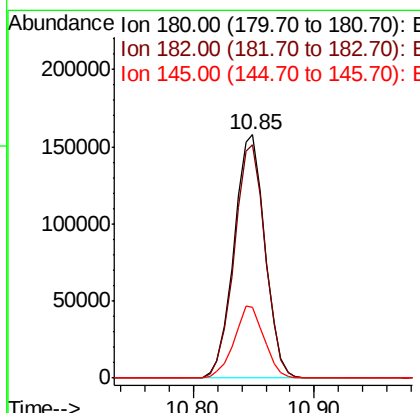
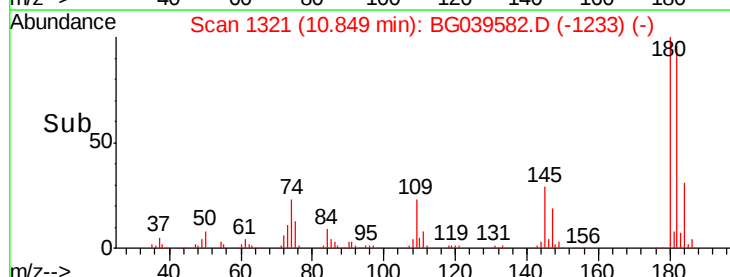
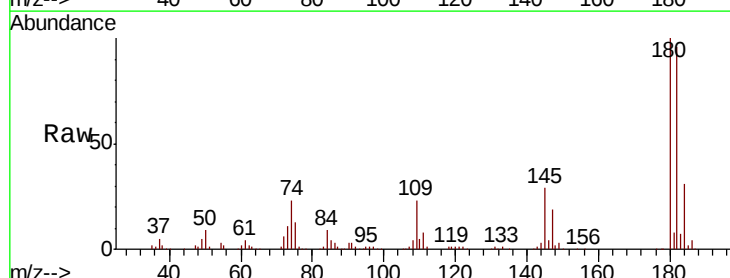
Instrument :  
BNA\_G  
ClientSampleId :  
PB117266BS

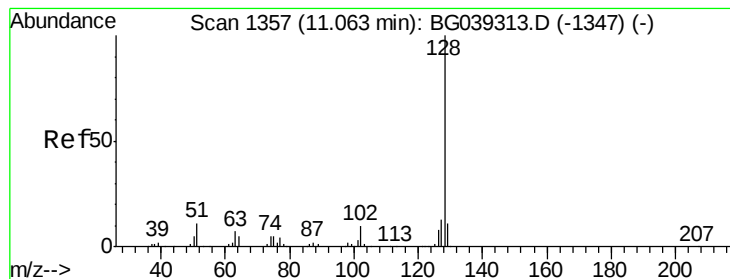
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.7  | 48.1  | 88.1  |
| 98      | 35.9  | 18.1  | 58.1  |



#30  
1,2,4-Trichlorobenzene  
Concen: 42.628 ng  
RT: 10.85 min Scan# 1321  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 76.0  | 114.0 |
| 145     | 29.0  | 22.7  | 34.1  |

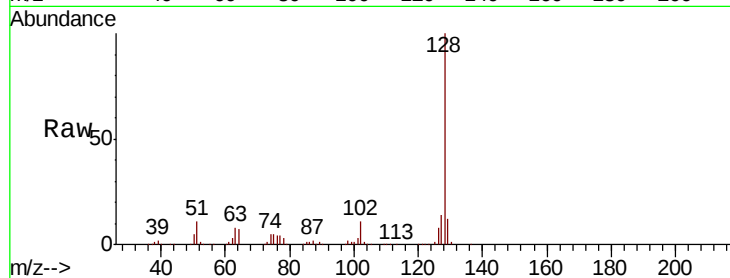




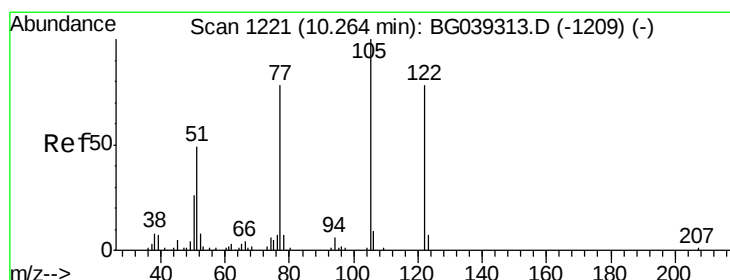
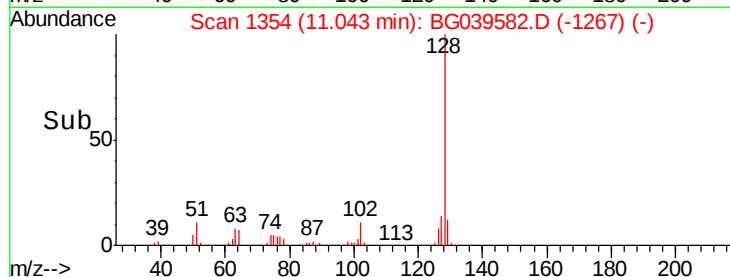
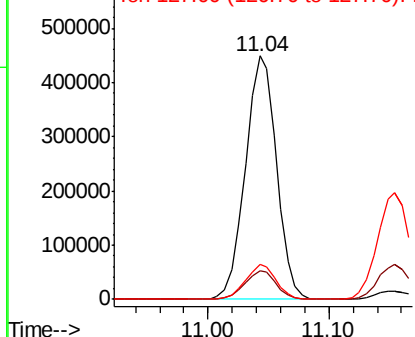
#31  
Naphthalene  
Concen: 43.440 ng  
RT: 11.04 min Scan# 1354  
Delta R.T. -0.02 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Instrument :  
BNA\_G  
ClientSampleId :  
PB117266BS

Tgt Ion:128 Resp: 807902  
Ion Ratio Lower Upper  
128 100  
129 11.8 8.7 13.1  
127 14.4 10.8 16.2

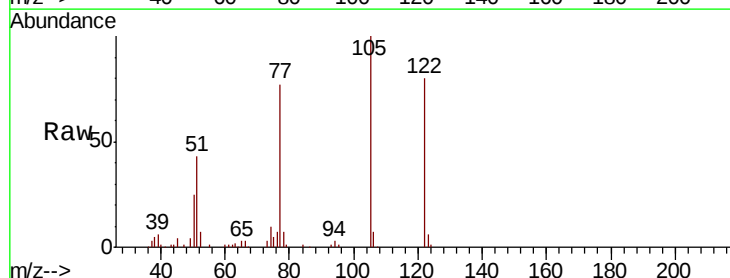


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

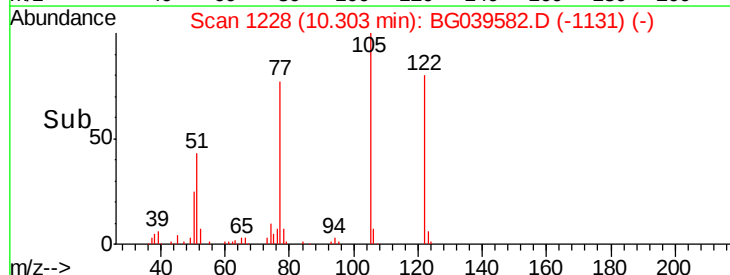
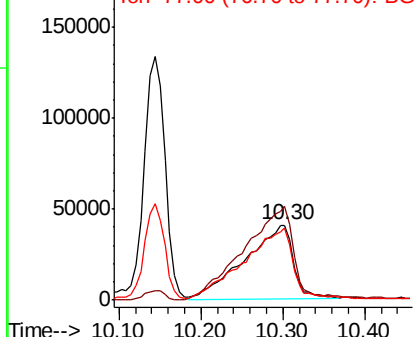


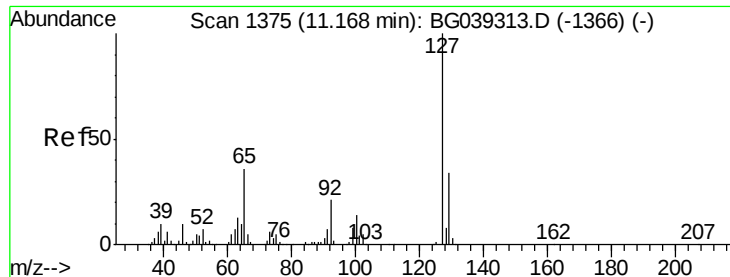
#32  
Benzoic acid  
Concen: 46.983 ng  
RT: 10.30 min Scan# 1228  
Delta R.T. 0.04 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Tgt Ion:122 Resp: 164669  
Ion Ratio Lower Upper  
122 100  
105 124.5 101.8 141.8  
77 96.5 76.3 116.3



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

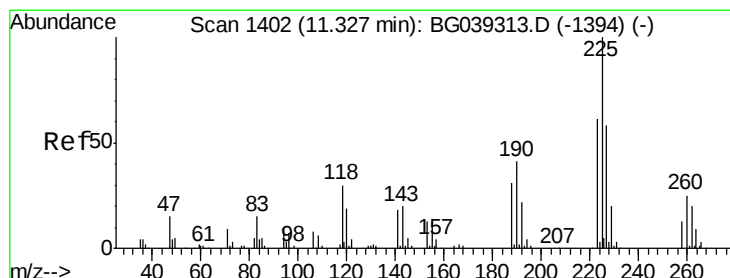
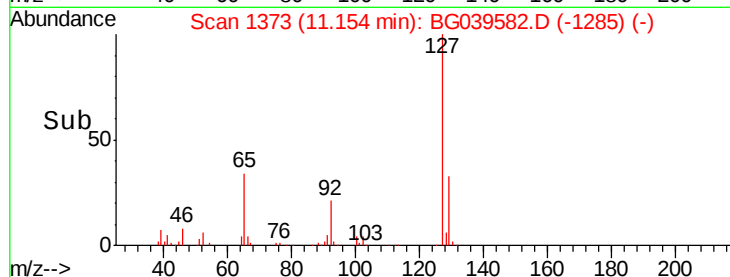
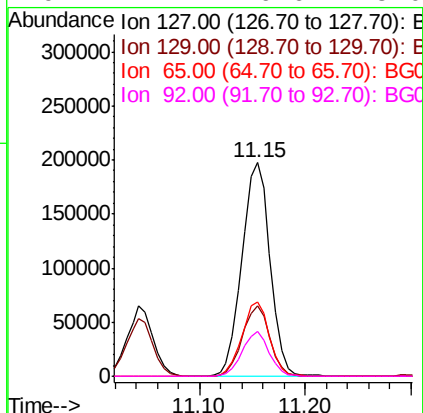
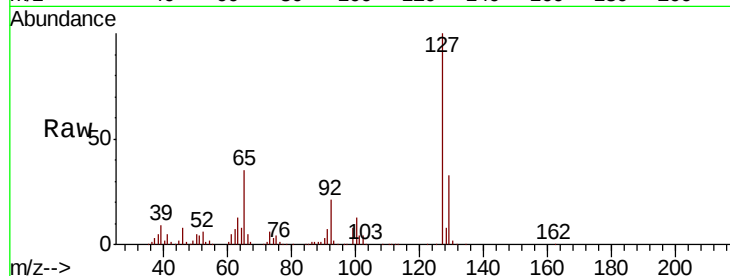




#33  
4-Chloroaniline  
Concen: 42.363 ng  
RT: 11.15 min Scan# 1373  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

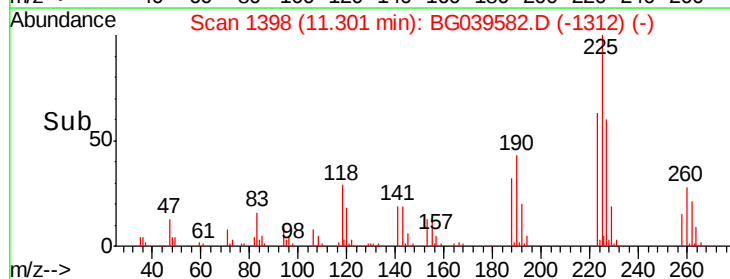
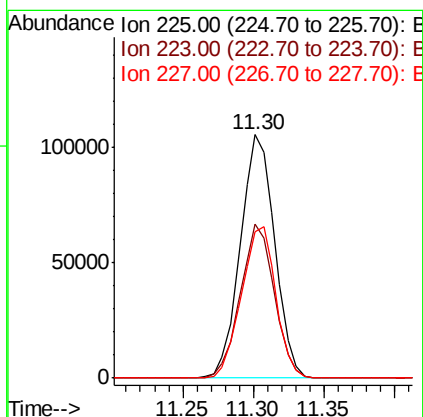
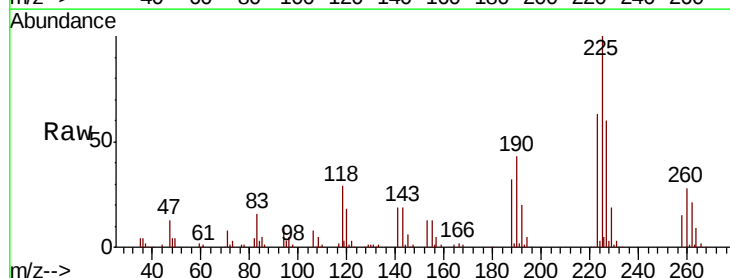
Instrument :  
BNA\_G  
ClientSampleId :  
PB117266BS

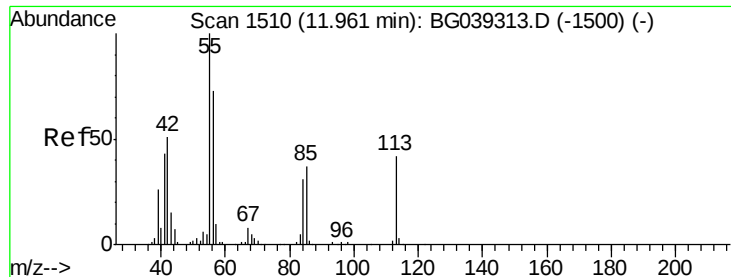
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 365312 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.1  | 27.0  | 40.4   |
| 65       | 34.7  | 28.8  | 43.2   |
| 92       | 21.2  | 16.6  | 25.0   |



#34  
Hexachlorobutadiene  
Concen: 40.869 ng  
RT: 11.30 min Scan# 1398  
Delta R.T. -0.03 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 179400 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.1  | 49.0  | 73.6   |
| 227      | 60.2  | 46.3  | 69.5   |





#35

Caprolactam

Concen: 29.593 ng

RT: 11.95 min Scan# 1509

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

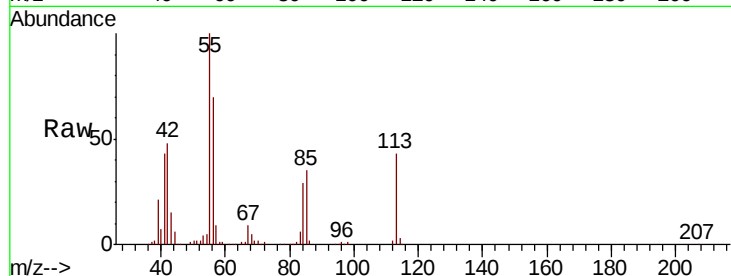
Tgt Ion:113 Resp: 71996

Ion Ratio Lower Upper

113 100

55 233.6 216.9 256.9

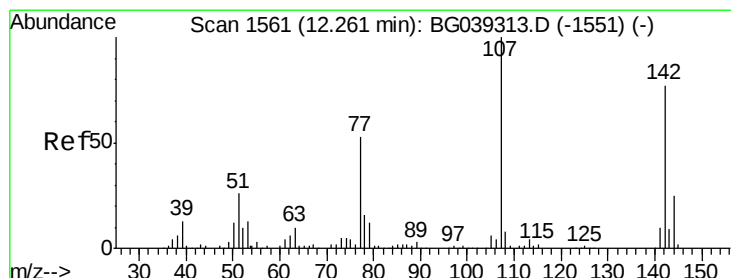
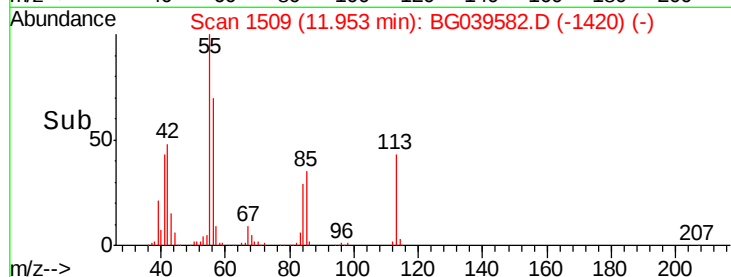
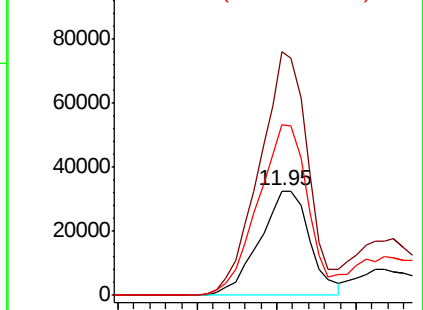
56 163.4 152.6 192.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 43.447 ng

RT: 12.26 min Scan# 1561

Delta R.T. -0.00 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

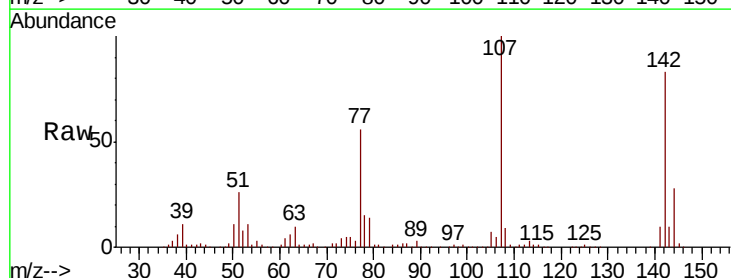
Tgt Ion:107 Resp: 295410

Ion Ratio Lower Upper

107 100

144 28.1 20.2 30.2

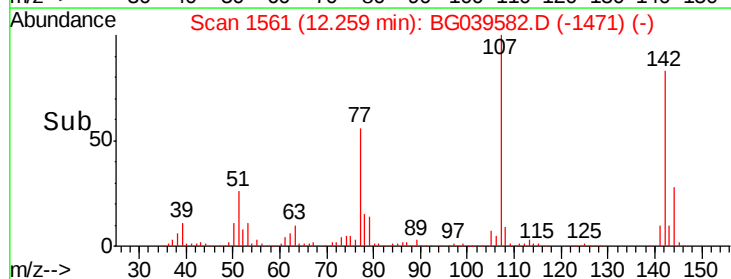
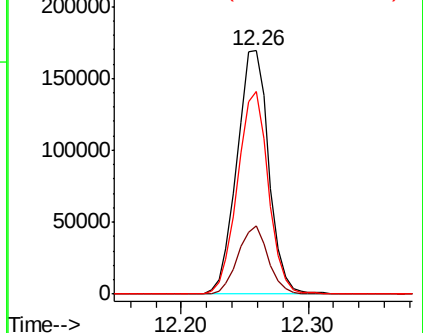
142 83.4 61.4 92.2

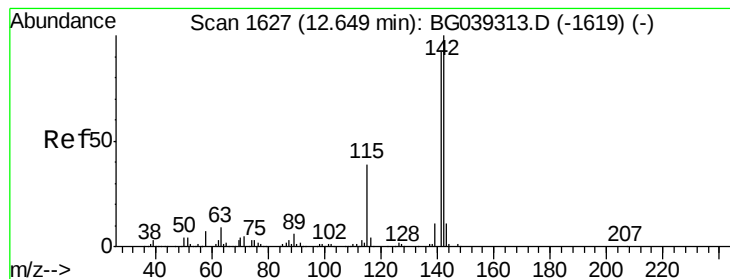


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.310 ng

RT: 12.63 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

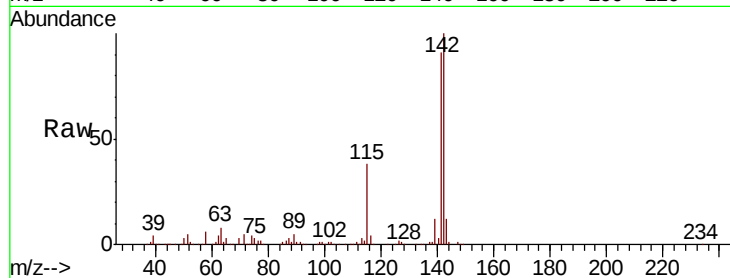
Tgt Ion:142 Resp: 610353

Ion Ratio Lower Upper

142 100

141 91.1 73.5 110.3

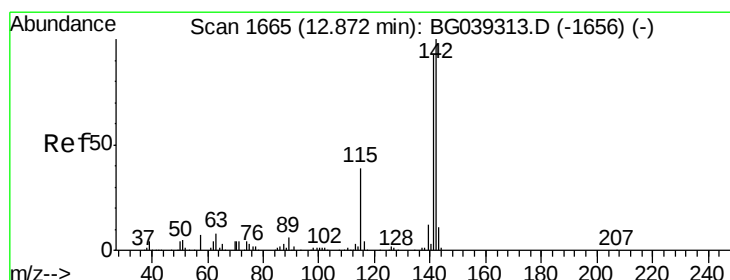
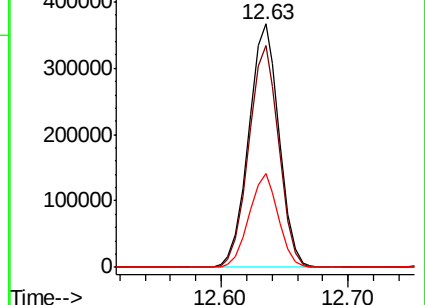
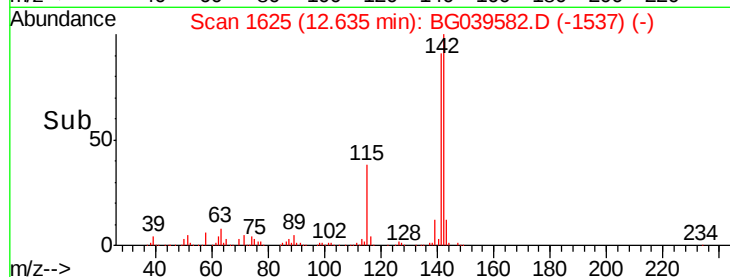
115 38.5 30.8 46.2



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: 44.035 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

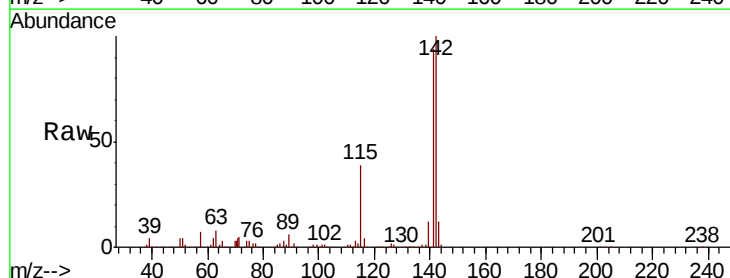
Tgt Ion:142 Resp: 584696

Ion Ratio Lower Upper

142 100

141 94.2 74.2 111.4

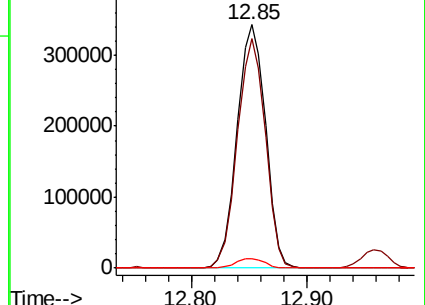
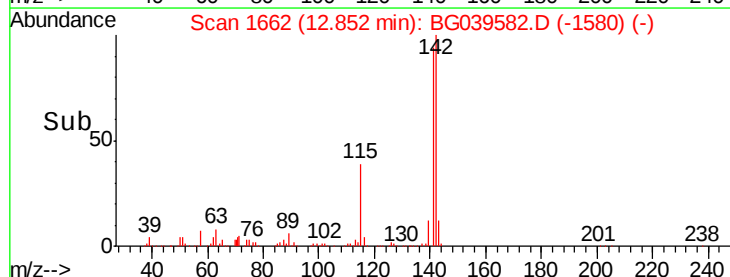
116 3.8 3.0 4.6

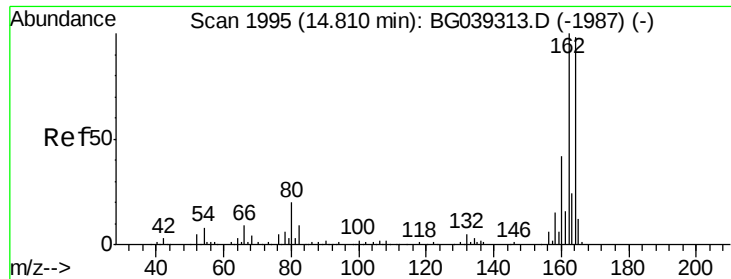


Abundance Ion 142.00 (141.70 to 142.70): E

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: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

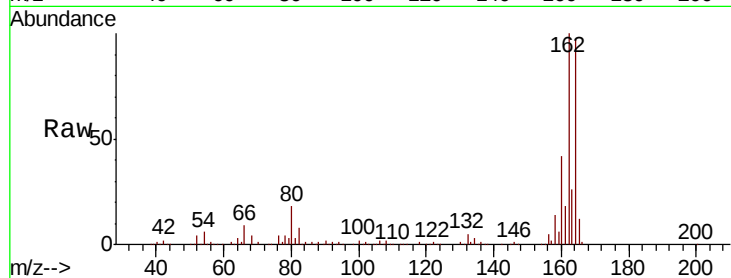
Tgt Ion:164 Resp: 248316

Ion Ratio Lower Upper

164 100

162 103.4 81.6 122.4

160 43.7 34.2 51.2

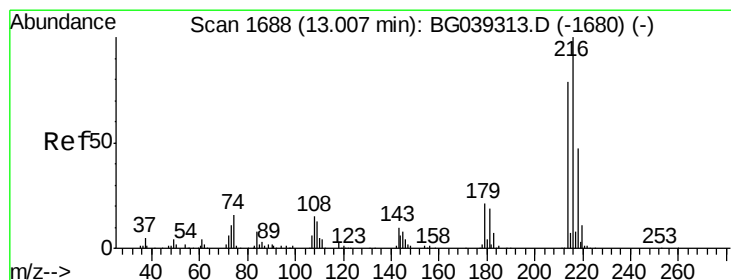
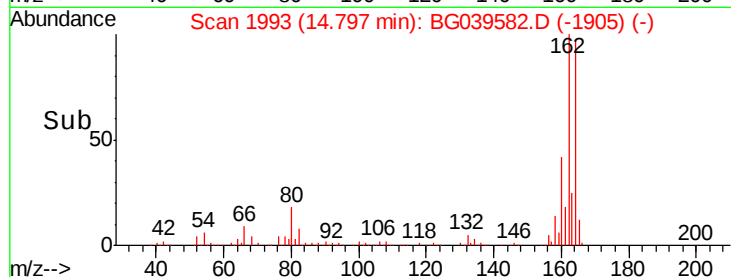
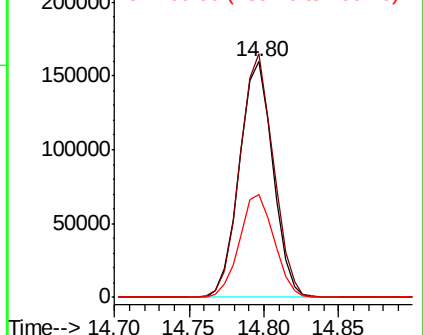


Abundance

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: 42.524 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Tgt Ion:216 Resp: 335967

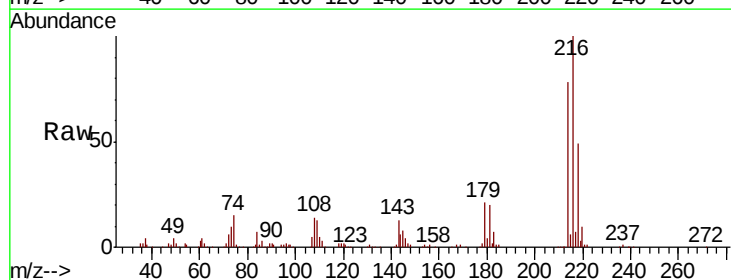
Ion Ratio Lower Upper

216 100

214 79.0 62.6 94.0

179 20.5 16.6 25.0

108 18.1 14.0 21.0



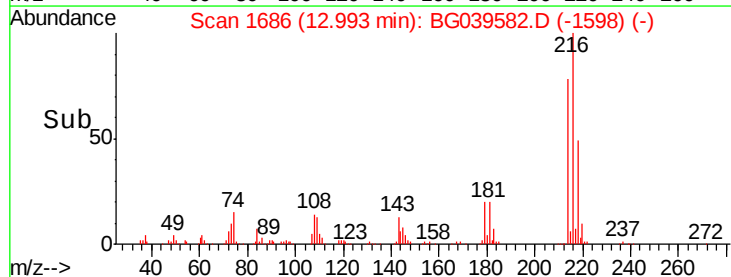
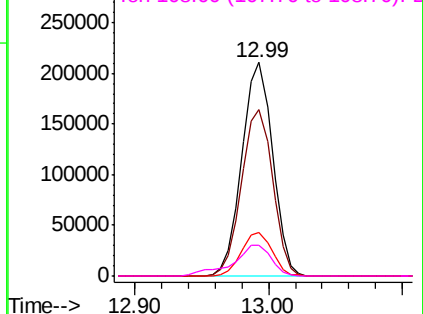
Abundance

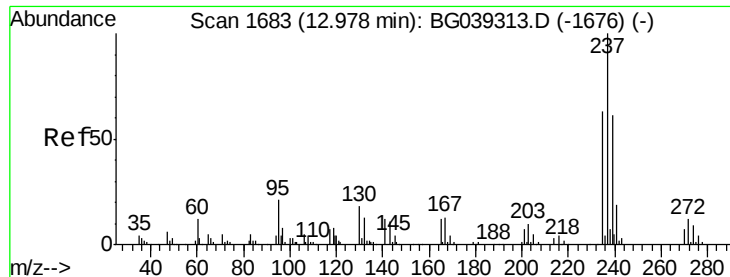
Ion 216.00 (215.70 to 216.70): E

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: 87.492 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

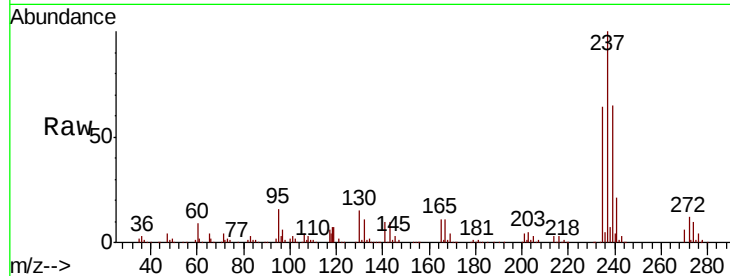
Tgt Ion:237 Resp: 376672

Ion Ratio Lower Upper

237 100

235 64.1 43.3 83.3

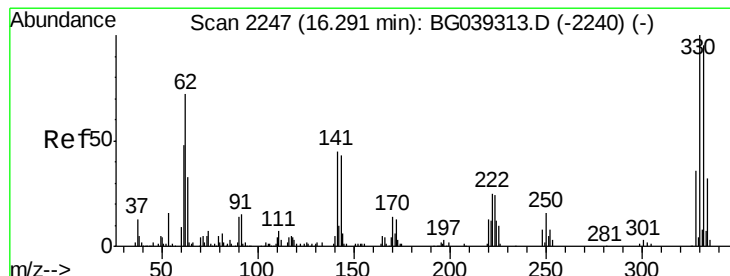
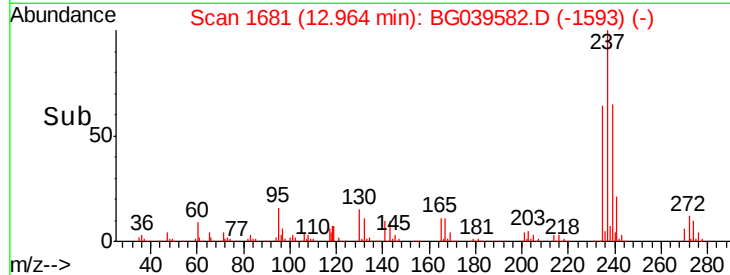
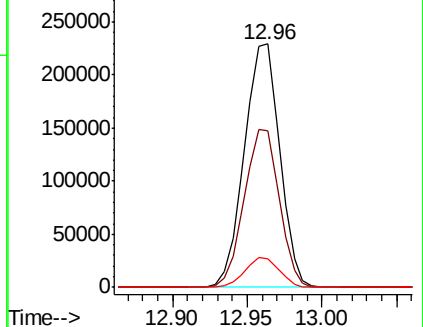
272 11.9 0.0 32.3



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: 157.653 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

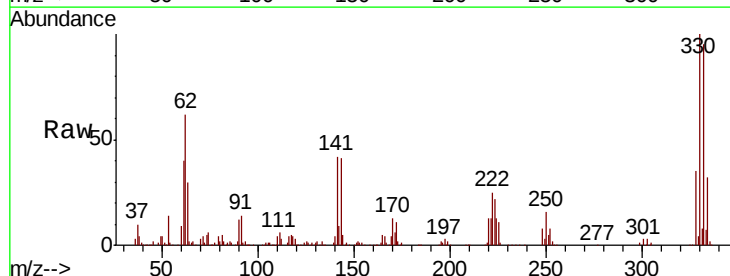
Tgt Ion:330 Resp: 421555

Ion Ratio Lower Upper

330 100

332 94.8 75.7 113.5

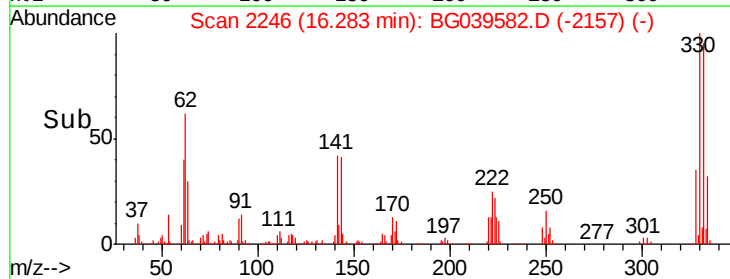
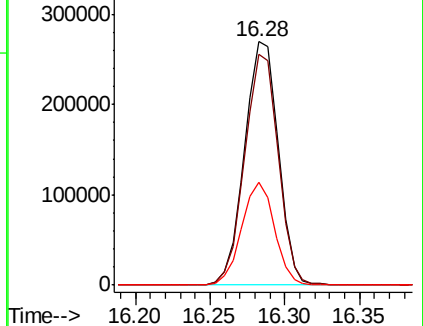
141 41.1 35.6 53.4

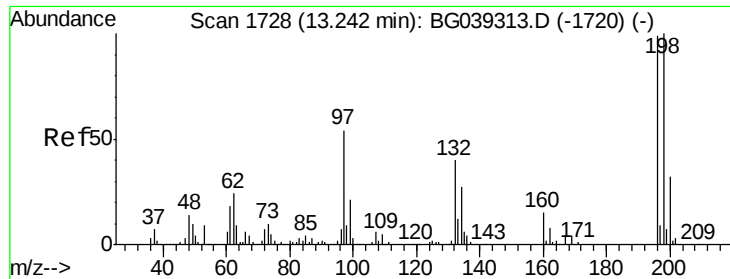


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

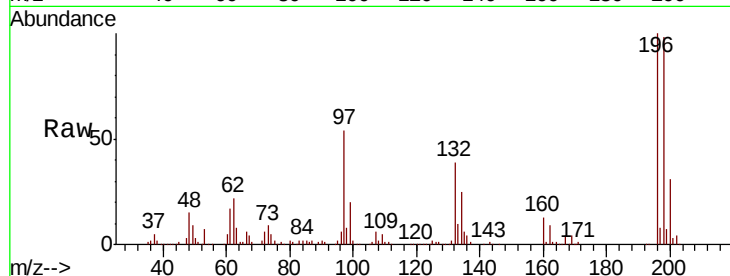




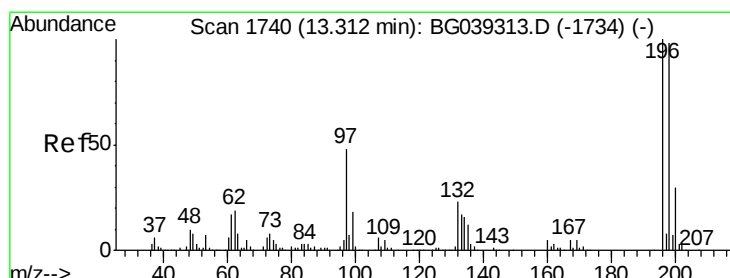
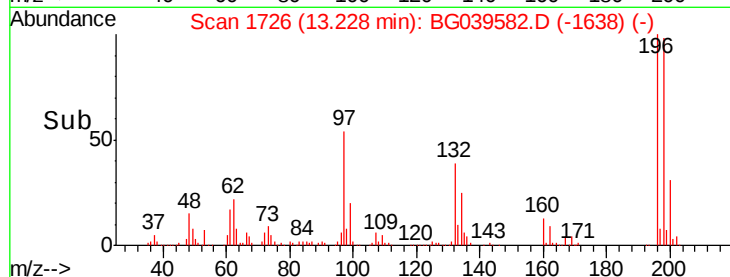
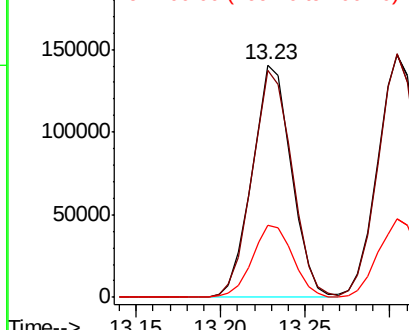
#43  
 2,4,6-Trichlorophenol  
 Concen: 46.685 ng  
 RT: 13.23 min Scan# 1726  
 Delta R.T. -0.01 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117266BS

Tgt Ion:196 Resp: 226783  
 Ion Ratio Lower Upper  
 196 100  
 198 97.7 80.6 121.0  
 200 31.1 26.1 39.1



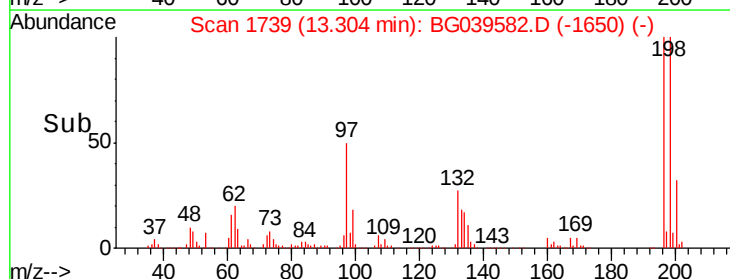
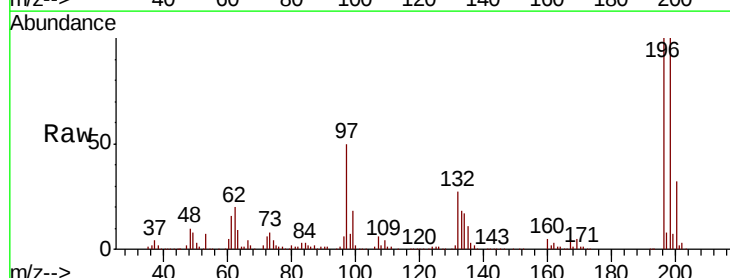
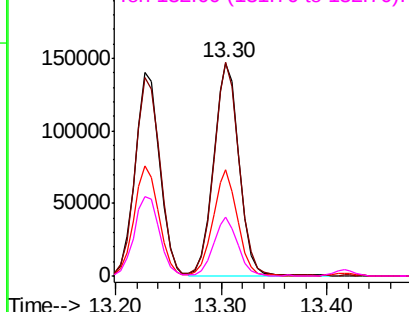
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

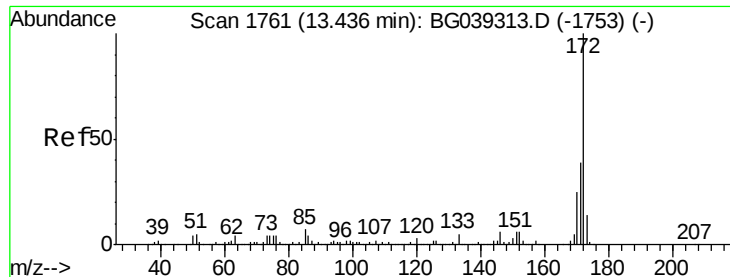


#44  
 2,4,5-Trichlorophenol  
 Concen: 48.239 ng  
 RT: 13.30 min Scan# 1739  
 Delta R.T. -0.01 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

Tgt Ion:196 Resp: 245602  
 Ion Ratio Lower Upper  
 196 100  
 198 100.4 78.5 117.7  
 97 50.1 38.4 57.6  
 132 27.4 19.2 28.8

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

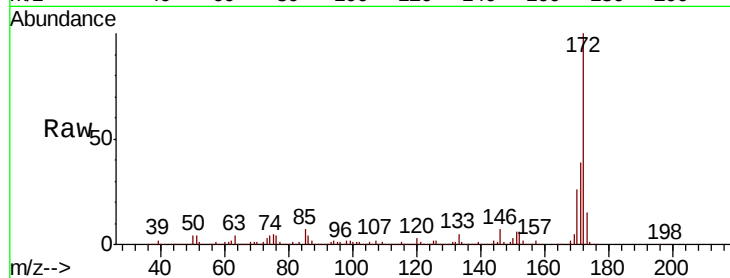




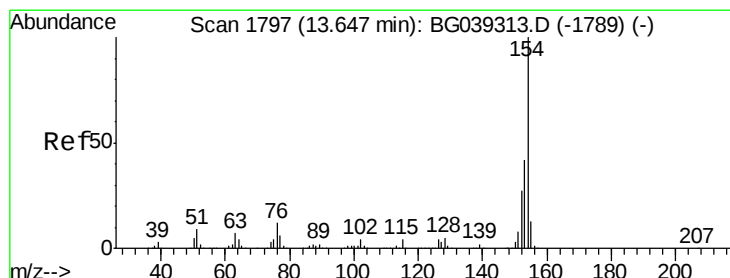
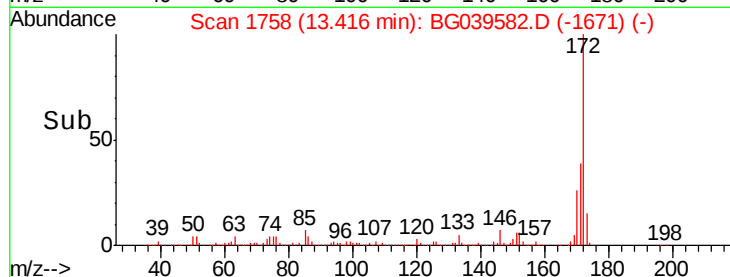
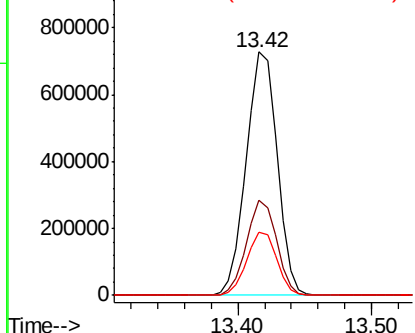
#45  
 2-Fluorobiphenyl  
 Concen: 67.264 ng  
 RT: 13.42 min Scan# 1758  
 Delta R.T. -0.02 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117266BS

Tgt Ion:172 Resp: 1164315  
 Ion Ratio Lower Upper  
 172 100  
 171 39.3 30.8 46.2  
 170 25.9 20.2 30.4

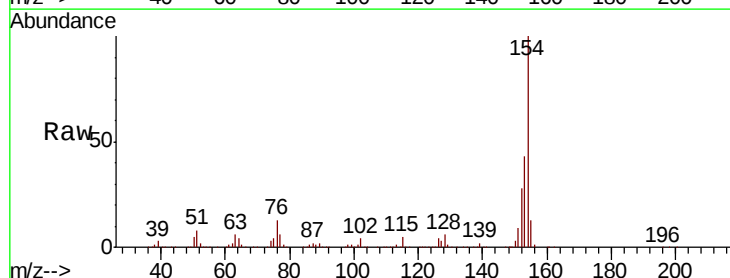


Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

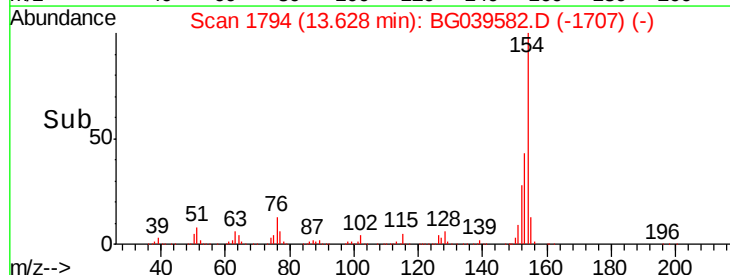
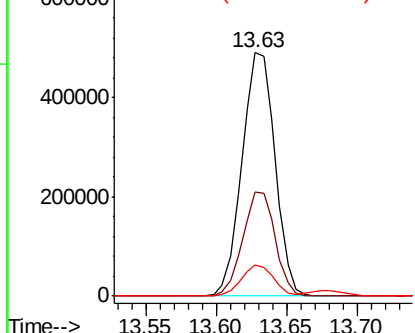


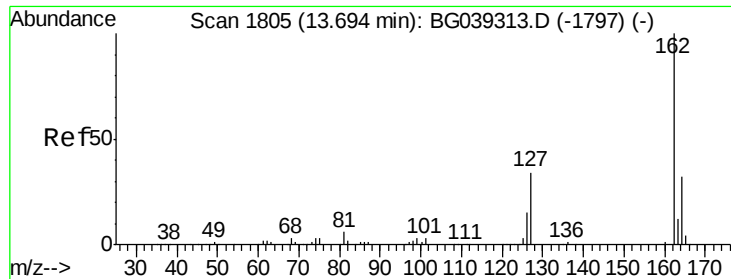
#46  
 1,1'-Biphenyl  
 Concen: 38.918 ng  
 RT: 13.63 min Scan# 1794  
 Delta R.T. -0.02 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

Tgt Ion:154 Resp: 804061  
 Ion Ratio Lower Upper  
 154 100  
 153 43.0 22.1 62.1  
 76 12.6 0.0 32.4



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BG

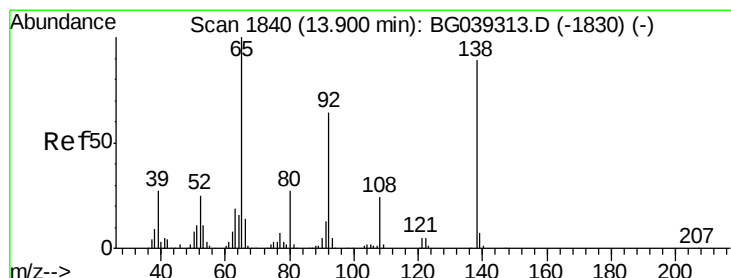
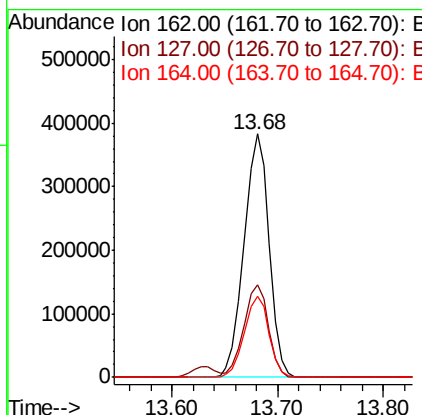
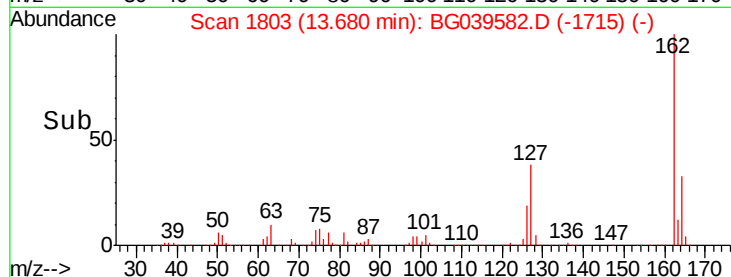
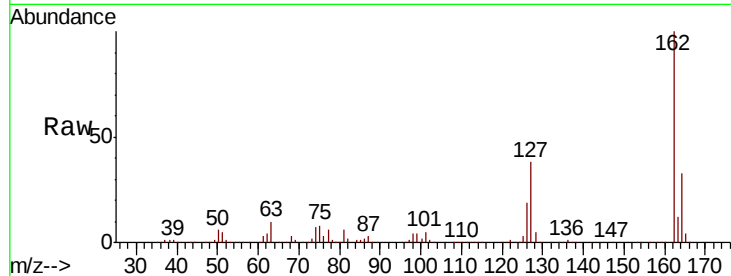




#47  
 2-Chloronaphthalene  
 Concen: 40.525 ng  
 RT: 13.68 min Scan# 1803  
 Delta R.T. -0.01 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

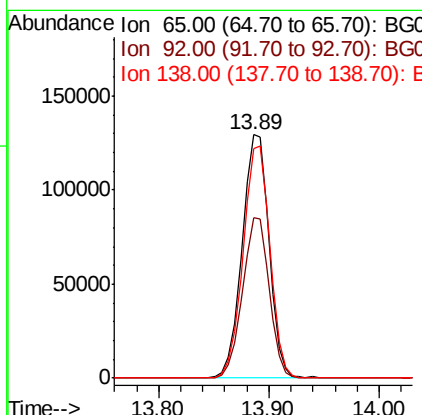
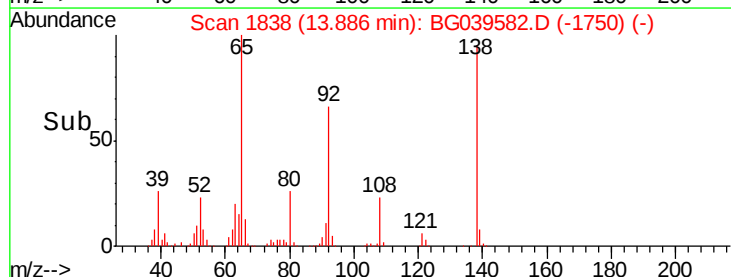
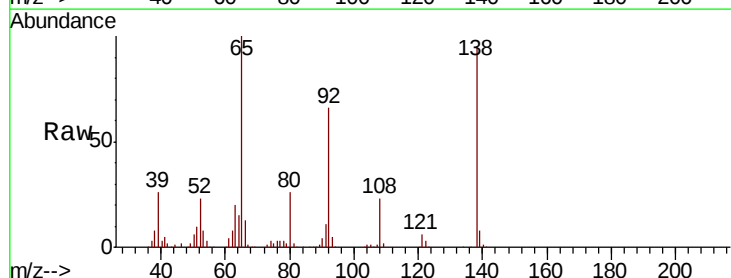
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117266BS

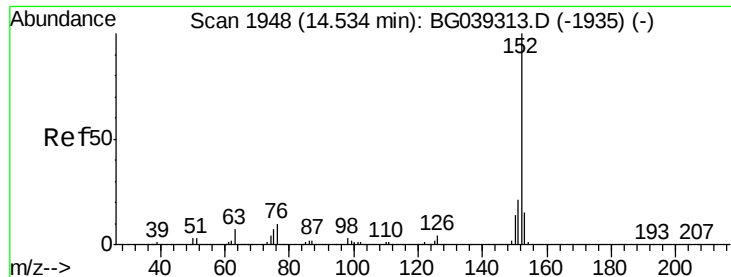
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 629862 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 38.2  | 31.0  | 46.6   |
| 164      | 33.4  | 25.7  | 38.5   |



#48  
 2-Nitroaniline  
 Concen: 49.432 ng  
 RT: 13.89 min Scan# 1838  
 Delta R.T. -0.01 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 222039 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 65.8  | 51.4  | 77.2   |
| 138      | 94.5  | 71.4  | 107.2  |





#49

Acenaphthylene

Concen: 41.625 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

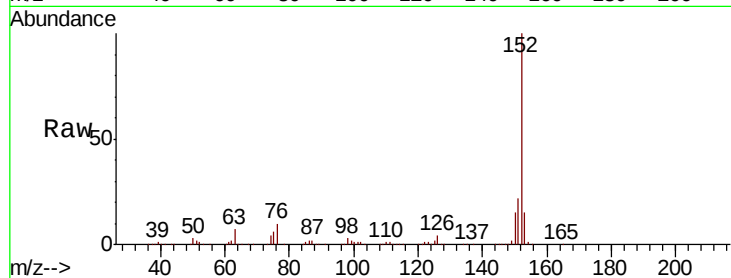
Tgt Ion:152 Resp: 976212

Ion Ratio Lower Upper

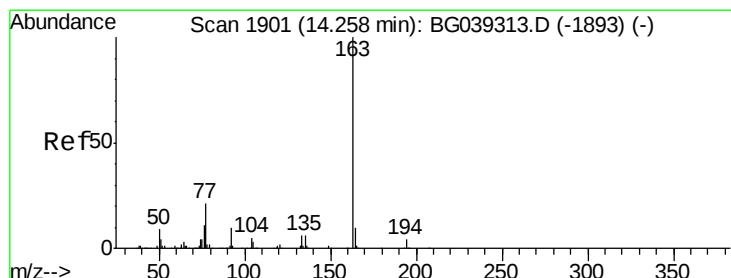
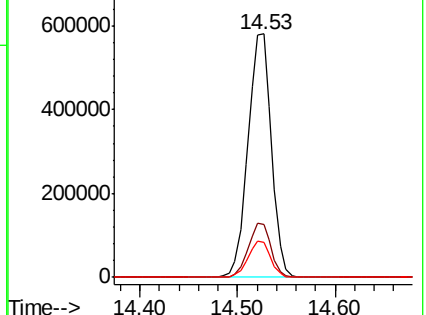
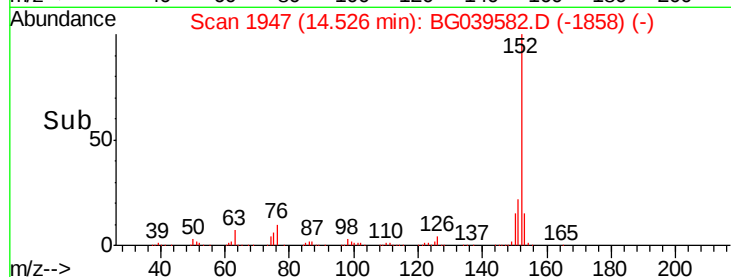
152 100

151 21.6 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: 40.274 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

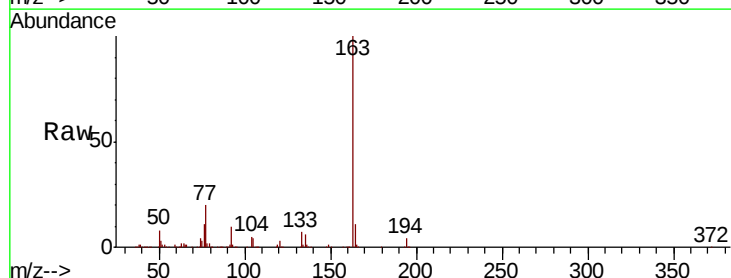
Tgt Ion:163 Resp: 807703

Ion Ratio Lower Upper

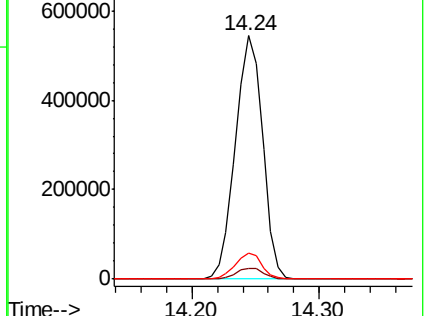
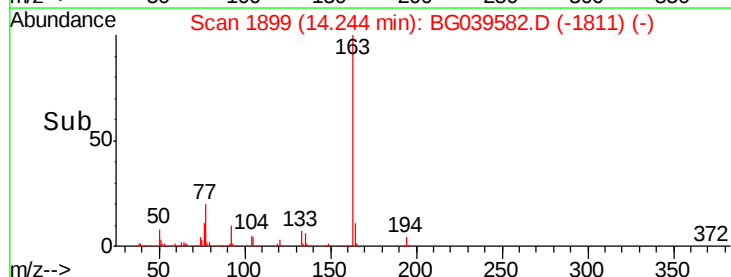
163 100

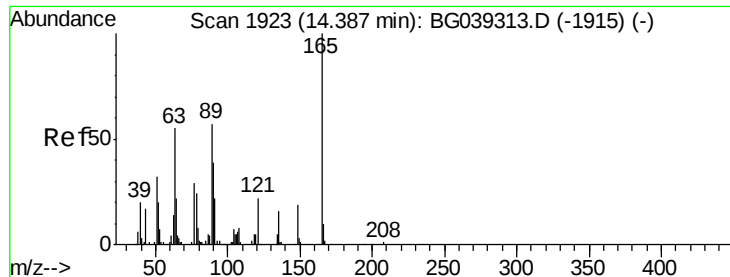
194 4.3 3.6 5.4

164 10.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

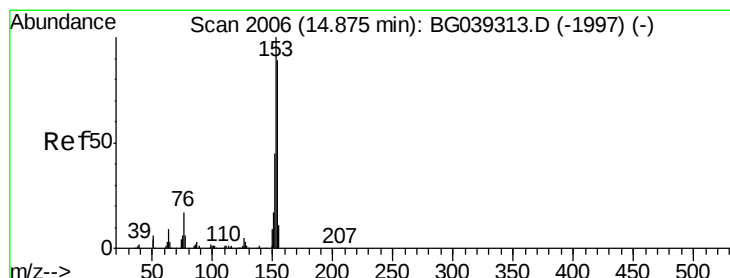
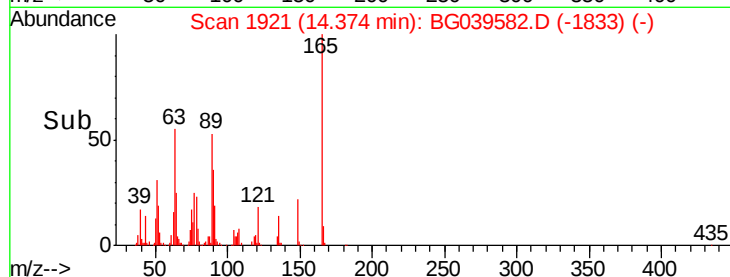
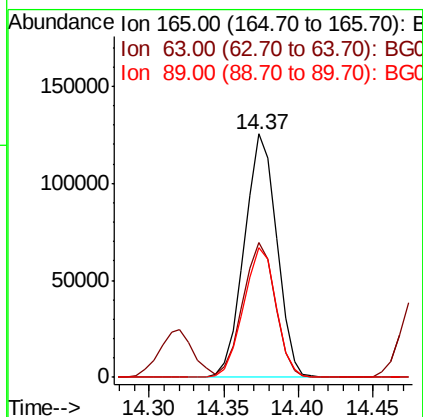
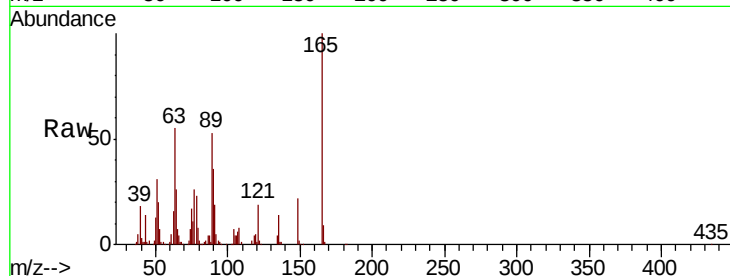




#51  
2,6-Dinitrotoluene  
Concen: 49.867 ng  
RT: 14.37 min Scan# 1921  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

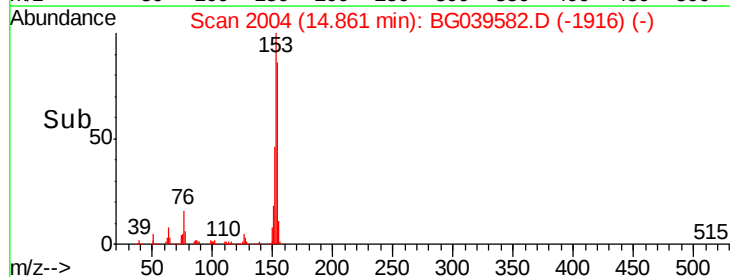
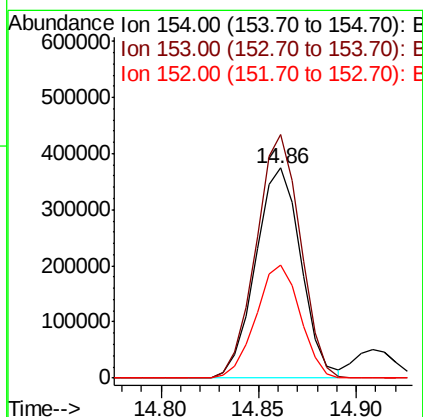
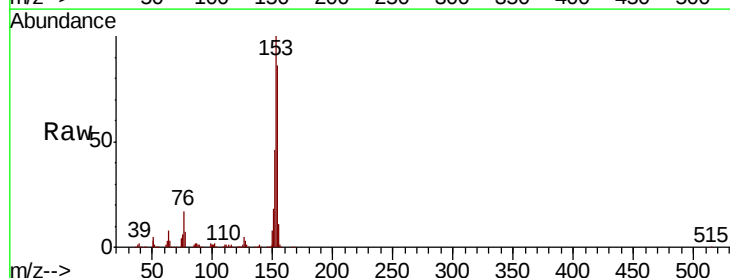
Instrument :  
BNA\_G  
ClientSampleId :  
PB117266BS

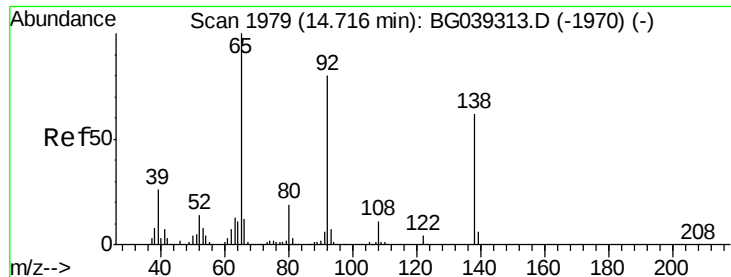
Tgt Ion:165 Resp: 188017  
Ion Ratio Lower Upper  
165 100  
63 55.4 47.0 70.6  
89 53.2 45.8 68.8



#52  
Acenaphthene  
Concen: 39.542 ng  
RT: 14.86 min Scan# 2004  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Tgt Ion:154 Resp: 601958  
Ion Ratio Lower Upper  
154 100  
153 115.8 90.1 135.1  
152 53.5 40.9 61.3

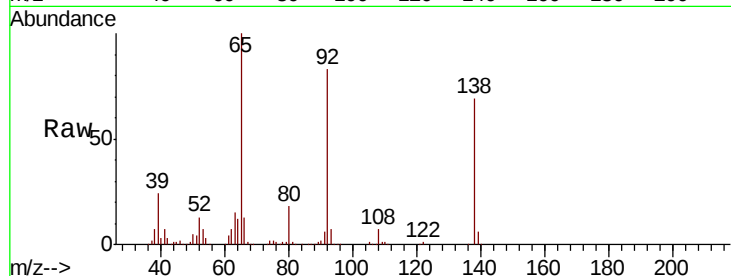




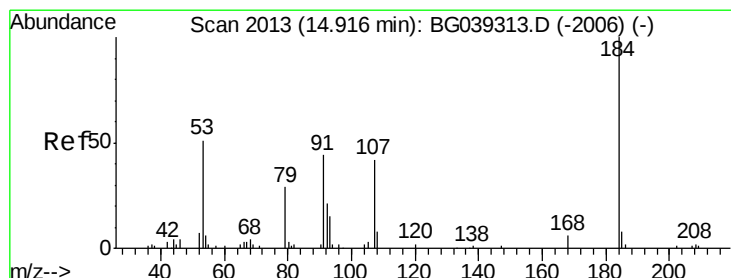
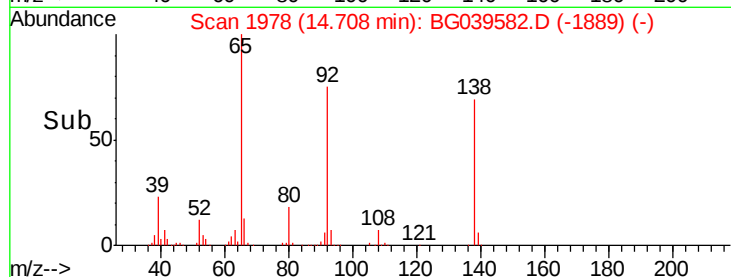
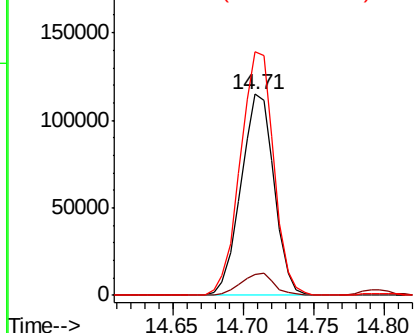
#53  
3-Nitroaniline  
Concen: 46.913 ng  
RT: 14.71 min Scan# 1978  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Instrument :  
BNA\_G  
ClientSampleId :  
PB117266BS

Tgt Ion:138 Resp: 189128  
Ion Ratio Lower Upper  
138 100  
108 10.6 13.8 20.8#  
92 121.2 103.7 155.5

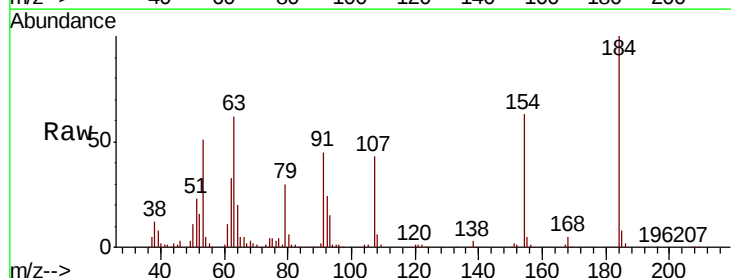


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BGC

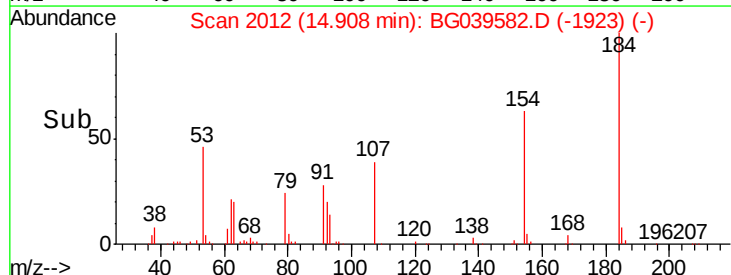
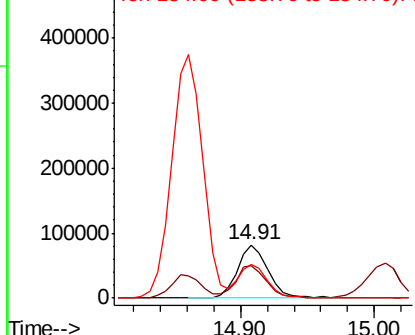


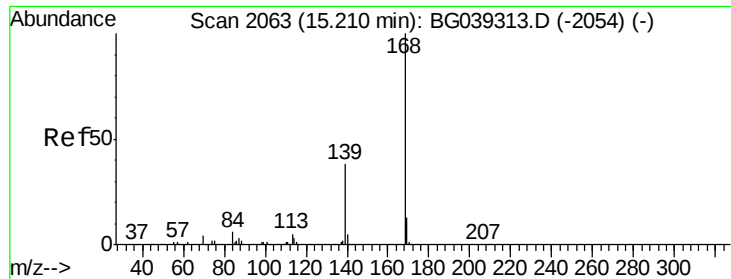
#54  
2,4-Dinitrophenol  
Concen: 78.691 ng  
RT: 14.91 min Scan# 2012  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Tgt Ion:184 Resp: 129413  
Ion Ratio Lower Upper  
184 100  
63 61.8 50.9 76.3  
154 62.7 53.0 79.6



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

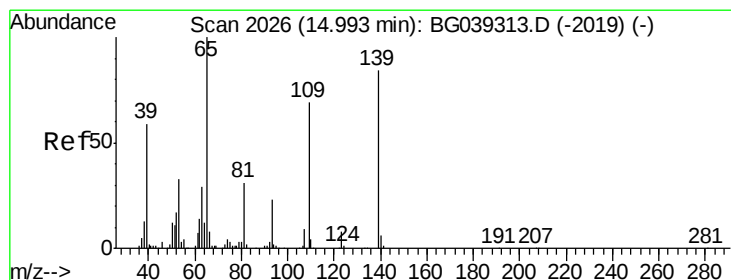
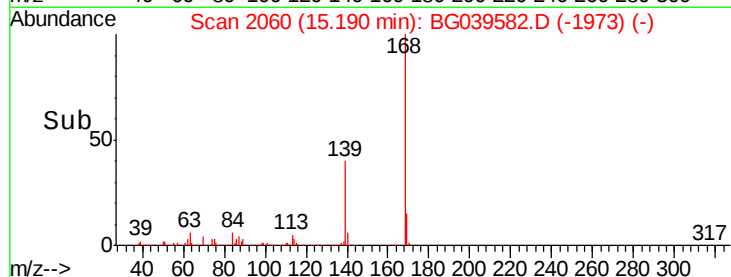
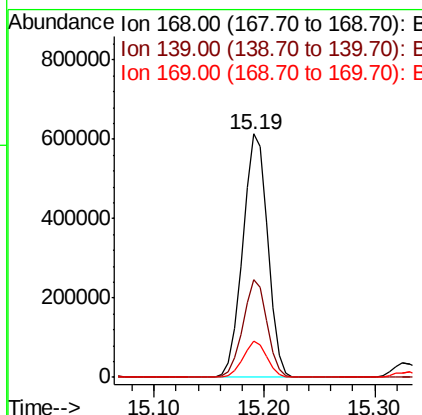
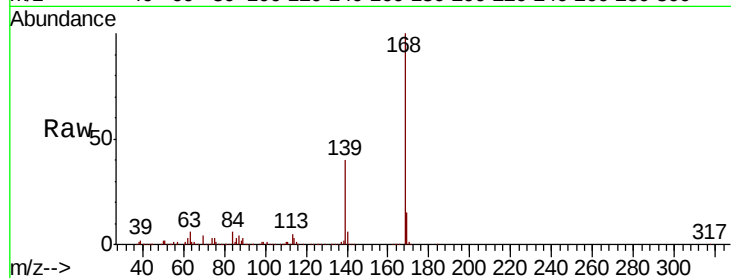




#55  
Dibenzenofuran  
Concen: 39.880 ng  
RT: 15.19 min Scan# 2060  
Delta R.T. -0.02 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

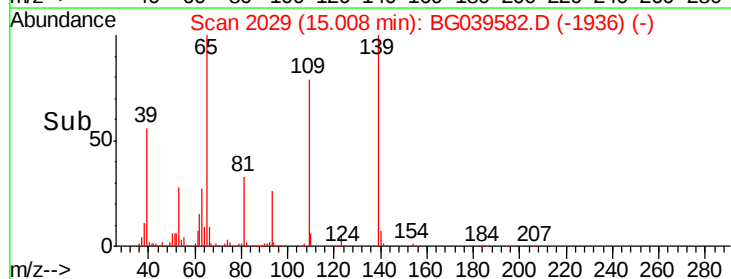
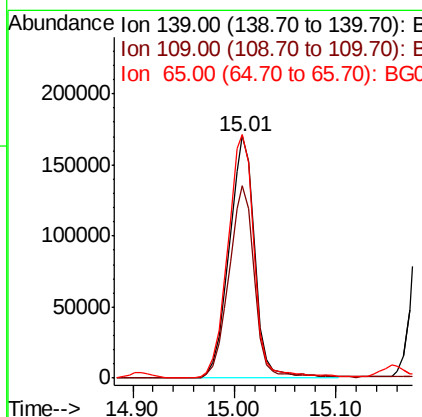
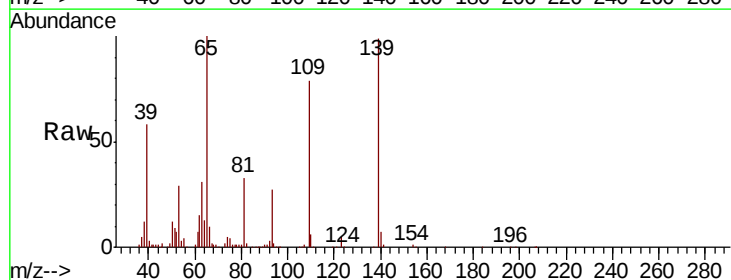
Instrument :  
BNA\_G  
ClientSampleId :  
PB117266BS

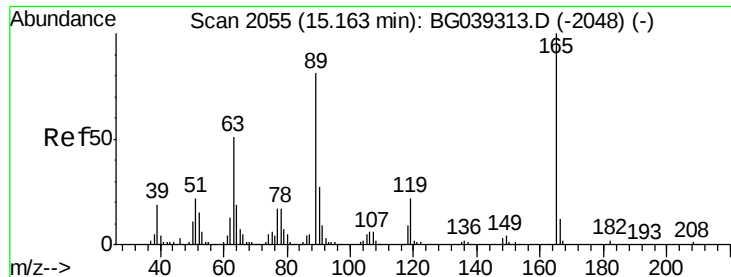
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.0  | 30.1  | 45.1  |
| 169     | 15.1  | 10.6  | 16.0  |



#56  
4-Nitrophenol  
Concen: 81.876 ng  
RT: 15.01 min Scan# 2029  
Delta R.T. 0.02 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 79.3  | 61.9  | 101.9 |
| 65      | 100.6 | 99.1  | 139.1 |





#57

2,4-Dinitrotoluene

Concen: 53.791 ng

RT: 15.16 min Scan# 2055

Delta R.T. -0.00 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

Tgt Ion:165 Resp: 263678

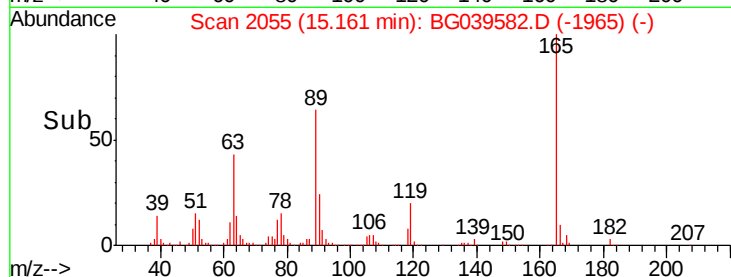
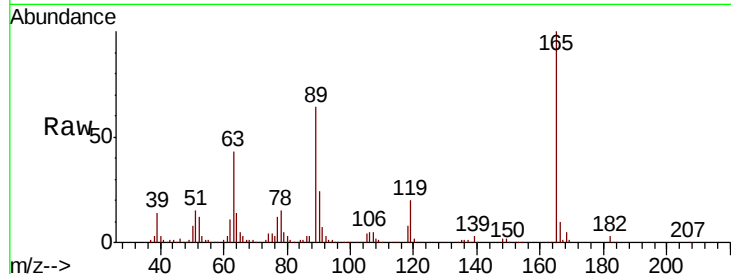
Ion Ratio Lower Upper

165 100

63 42.5 41.0 61.6

89 63.8 64.6 96.8#

182 3.4 2.0 3.0#



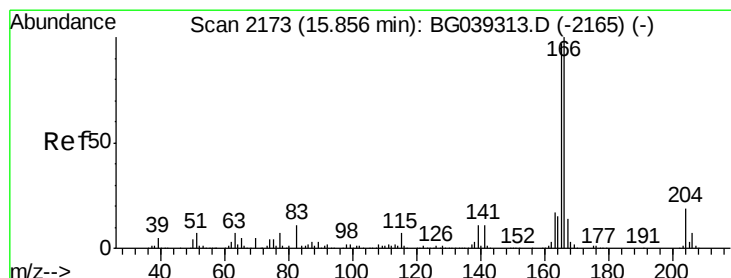
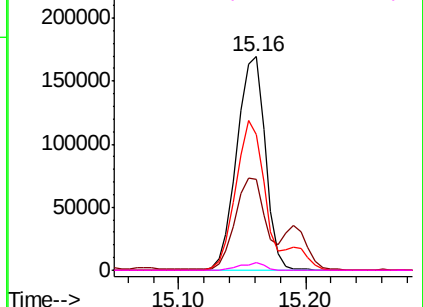
Abundance

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: 42.153 ng

RT: 15.84 min Scan# 2170

Delta R.T. -0.02 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

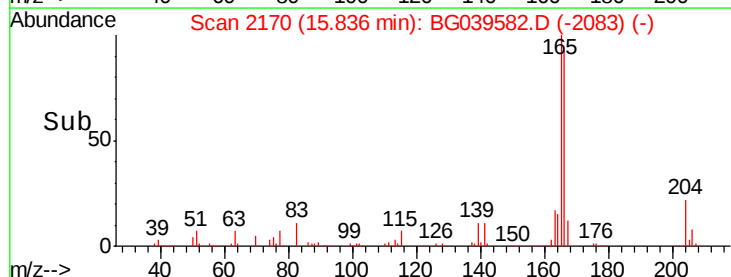
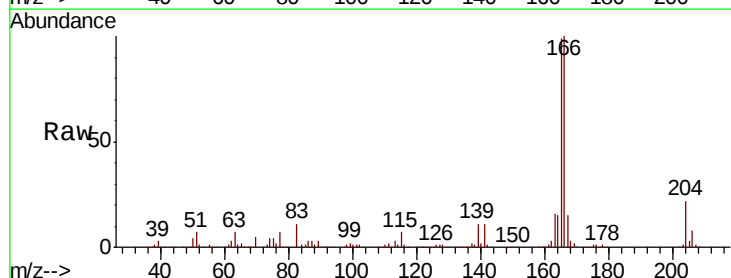
Tgt Ion:166 Resp: 766993

Ion Ratio Lower Upper

166 100

165 98.9 77.9 116.9

167 14.7 10.8 16.2

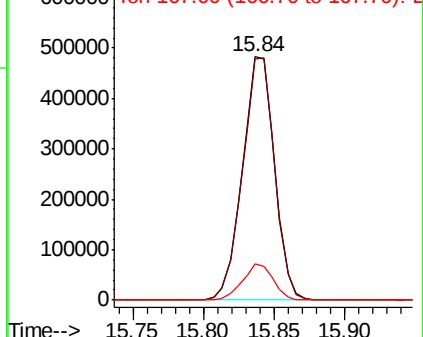


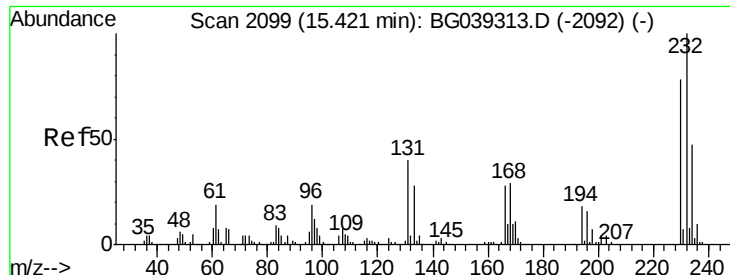
Abundance

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

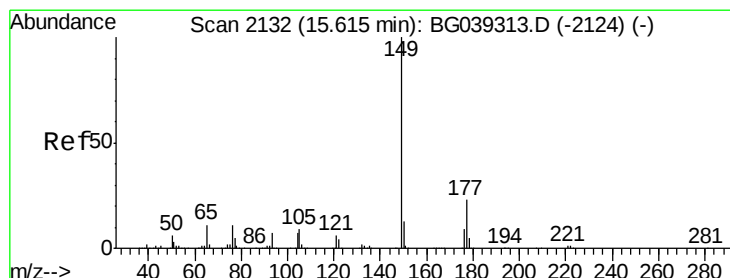
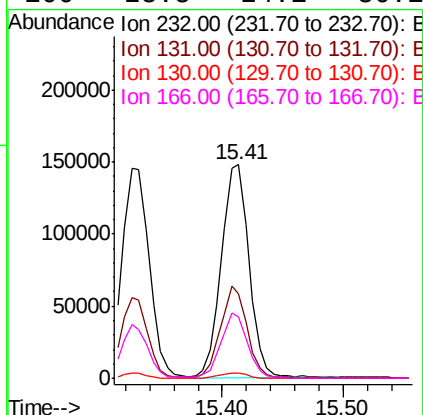
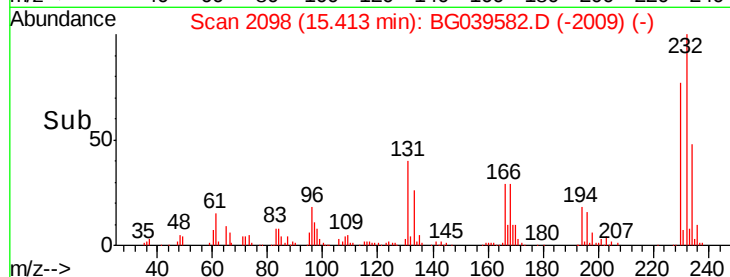
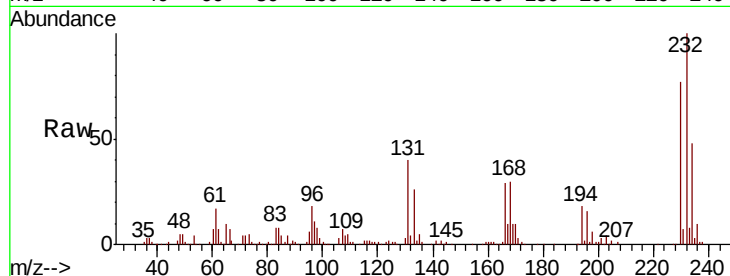




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 49.350 ng  
 RT: 15.41 min Scan# 2098  
 Delta R.T. -0.01 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

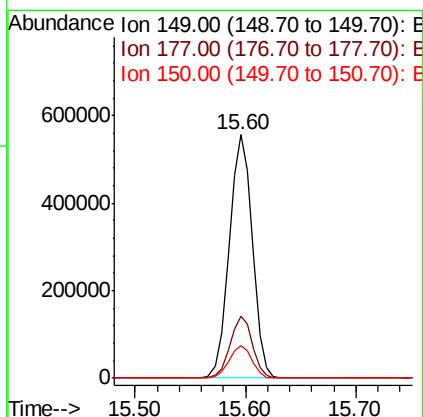
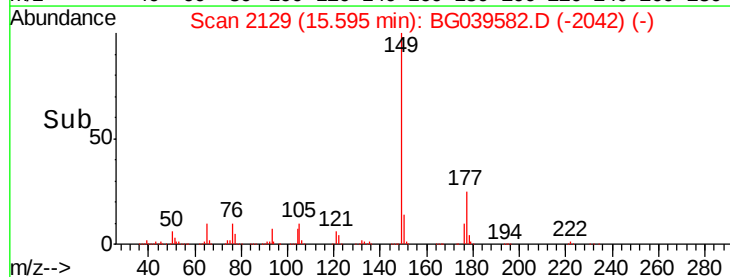
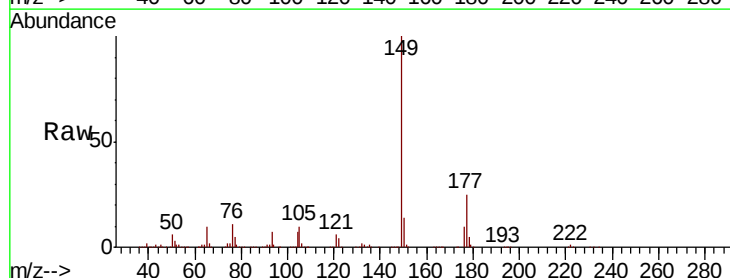
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117266BS

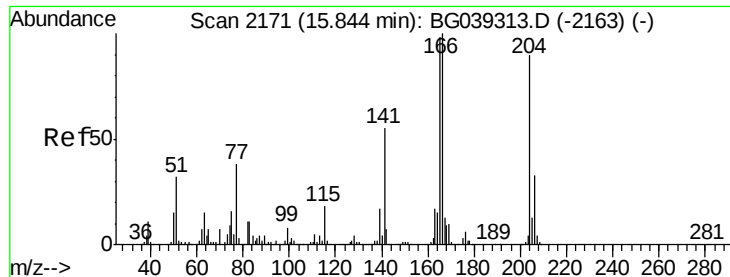
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 235254 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 40.5  | 34.9  | 52.3   |
| 130      | 2.6   | 2.0   | 3.0    |
| 166      | 28.8  | 24.1  | 36.1   |



#60  
 Diethylphthalate  
 Concen: 39.142 ng  
 RT: 15.60 min Scan# 2129  
 Delta R.T. -0.02 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 811616 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 25.2  | 18.3  | 27.5   |
| 150      | 13.5  | 10.2  | 15.2   |

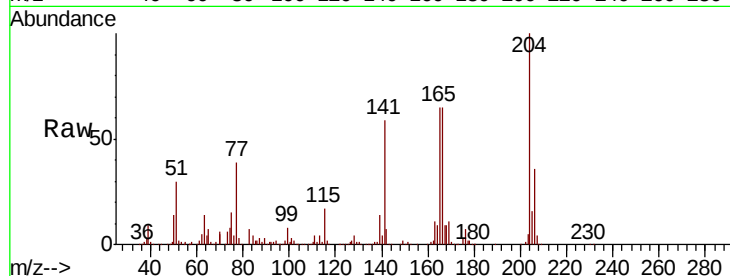




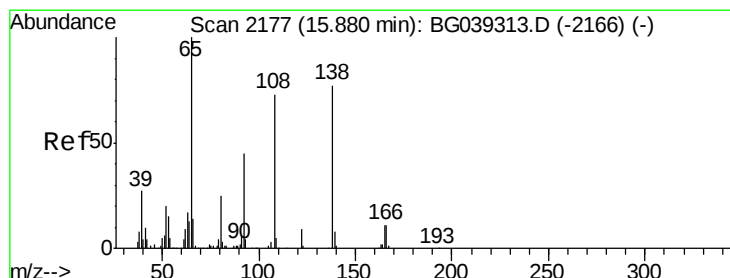
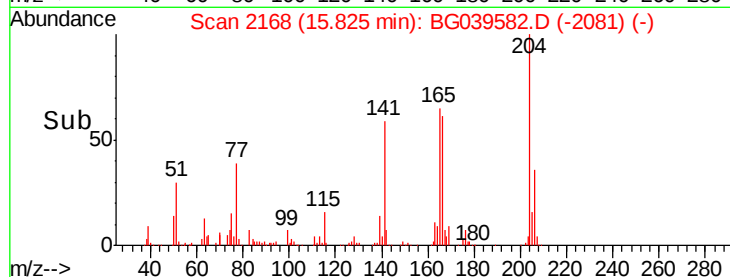
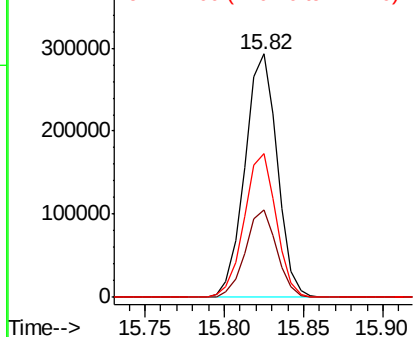
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.156 ng  
 RT: 15.82 min Scan# 2168  
 Delta R.T. -0.02 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117266BS

Tgt Ion: 204 Resp: 413717  
 Ion Ratio Lower Upper  
 204 100  
 206 35.8 29.2 43.8  
 141 59.0 49.0 73.4

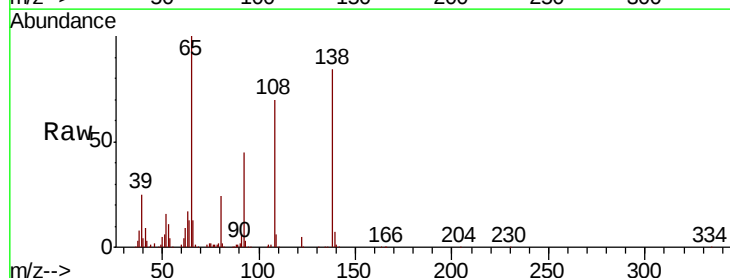


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

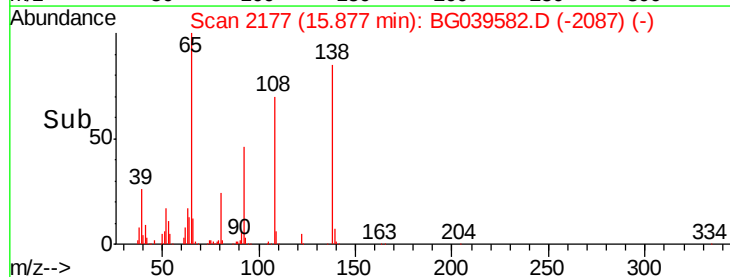
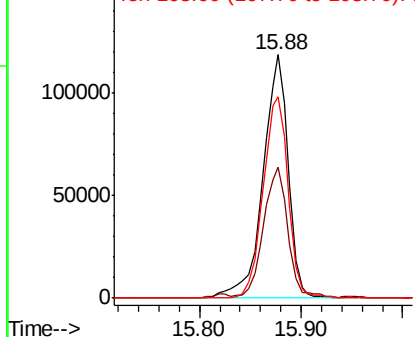


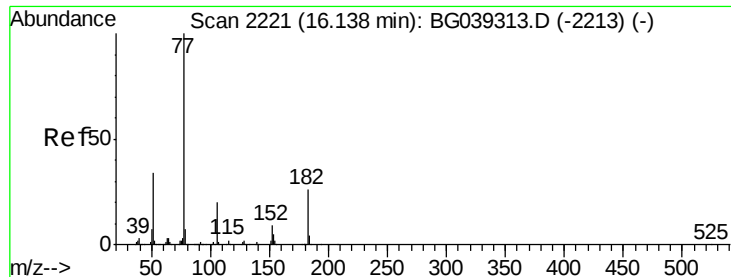
#62  
 4-Nitroaniline  
 Concen: 49.031 ng  
 RT: 15.88 min Scan# 2177  
 Delta R.T. -0.00 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

Tgt Ion: 138 Resp: 206617  
 Ion Ratio Lower Upper  
 138 100  
 92 53.8 38.7 78.7  
 108 82.6 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: 36.303 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

Tgt Ion: 77 Resp: 735747

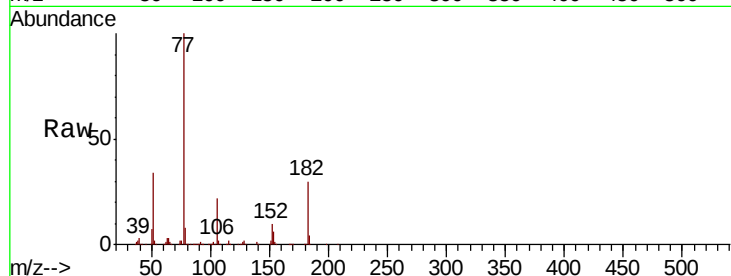
Ion Ratio Lower Upper

77 100

182 30.0 6.4 46.4

105 21.9 0.0 39.8

51 33.7 14.1 54.1

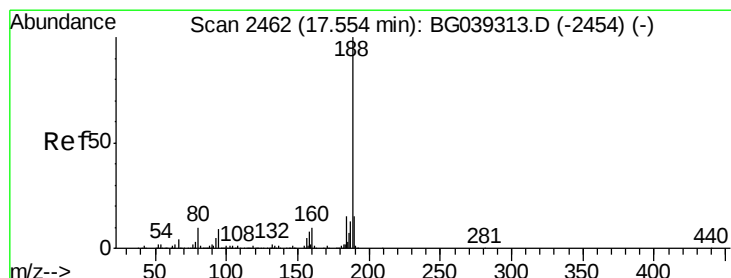
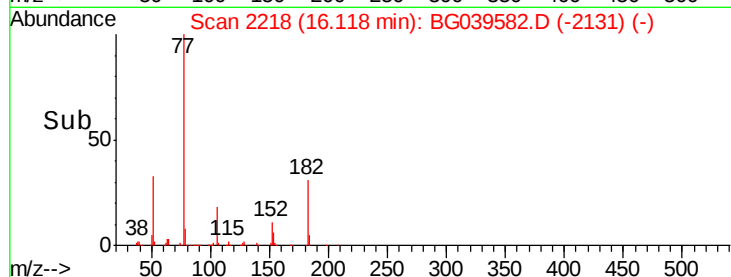
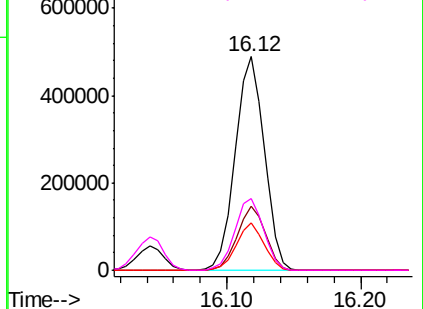


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

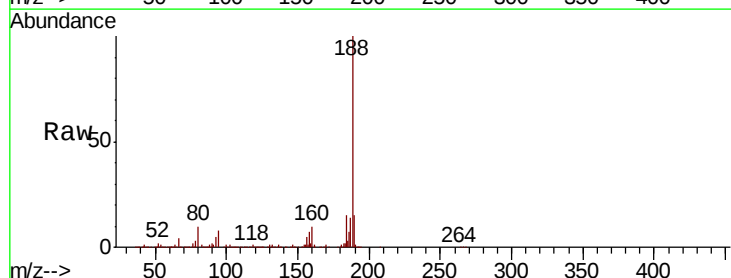
Tgt Ion: 188 Resp: 578964

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

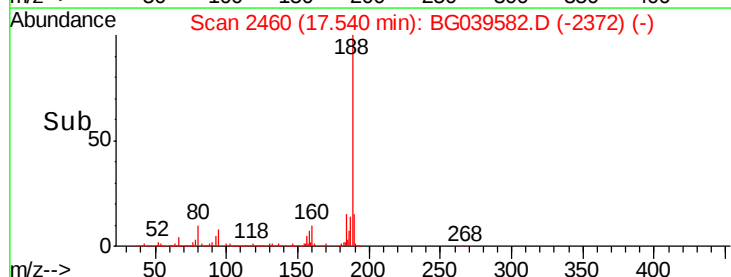
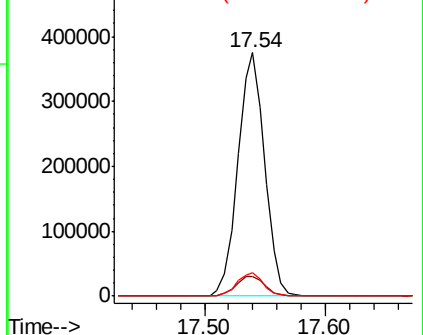
80 9.7 8.1 12.1

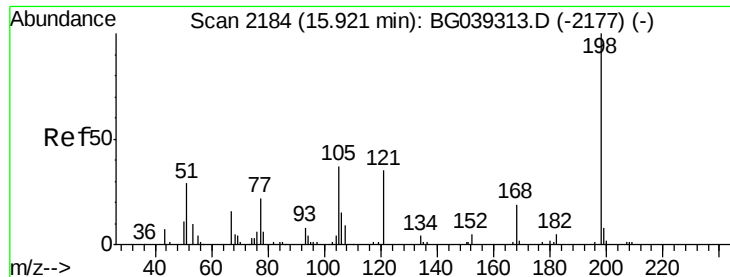


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 52.316 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

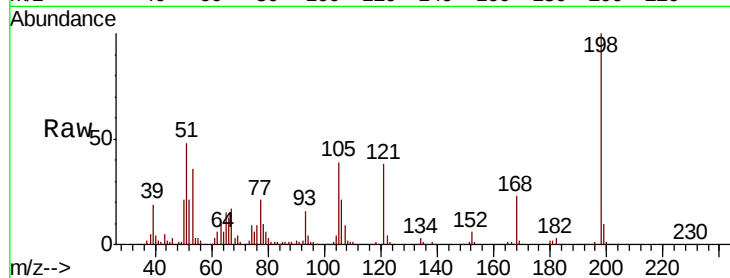
Tgt Ion:198 Resp: 123665

Ion Ratio Lower Upper

198 100

51 47.5 27.4 67.4

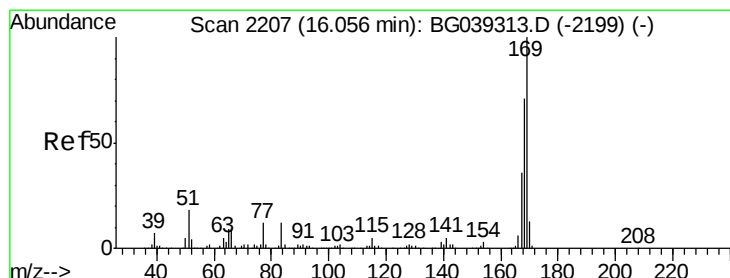
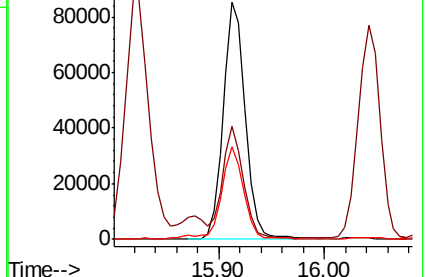
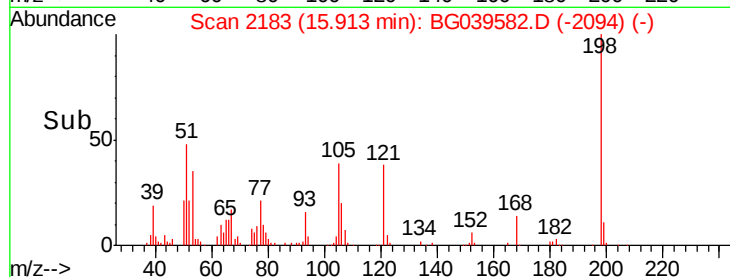
105 38.9 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.880 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

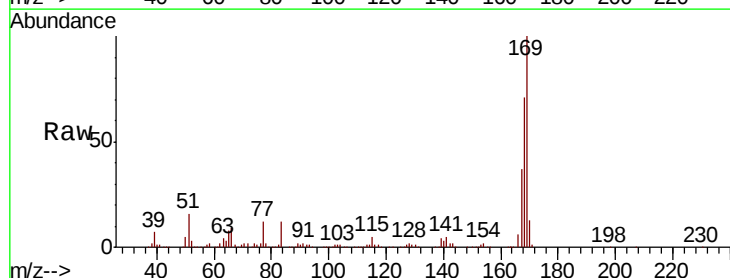
Tgt Ion:169 Resp: 702052

Ion Ratio Lower Upper

169 100

168 70.6 56.6 85.0

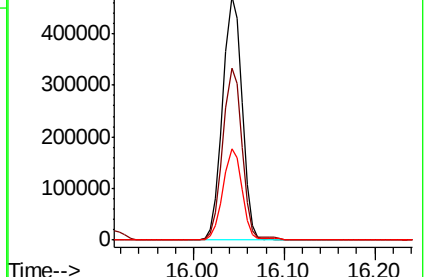
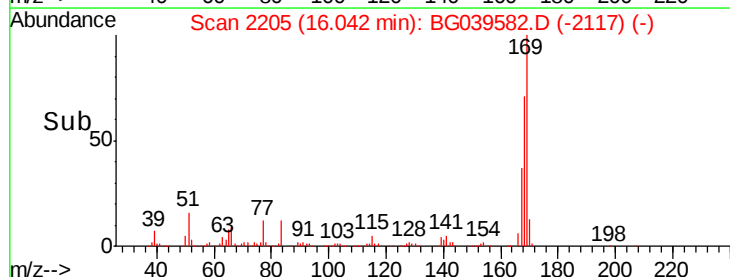
167 37.3 28.8 43.2

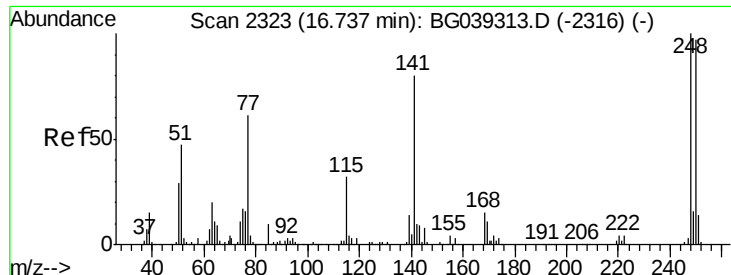


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

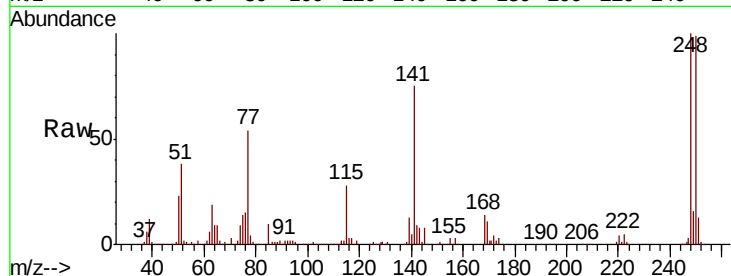




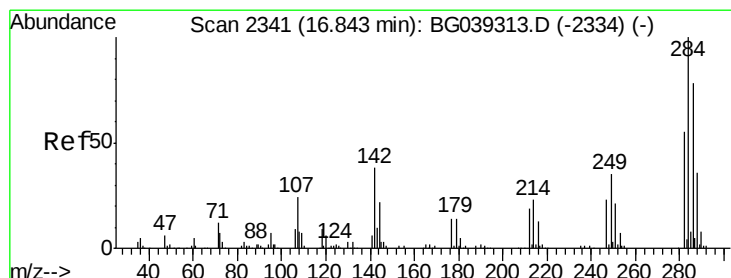
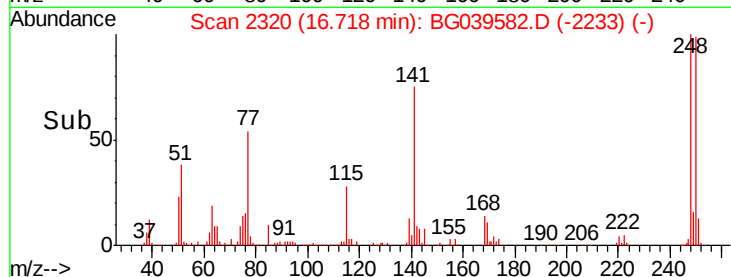
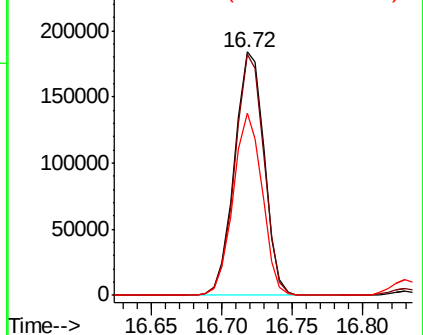
#67  
 4-Bromophenyl-phenylether  
 Concen: 42.047 ng  
 RT: 16.72 min Scan# 2320  
 Delta R.T. -0.02 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117266BS

Tgt Ion:248 Resp: 270066  
 Ion Ratio Lower Upper  
 248 100  
 250 98.9 77.6 116.4  
 141 75.0 63.9 95.9

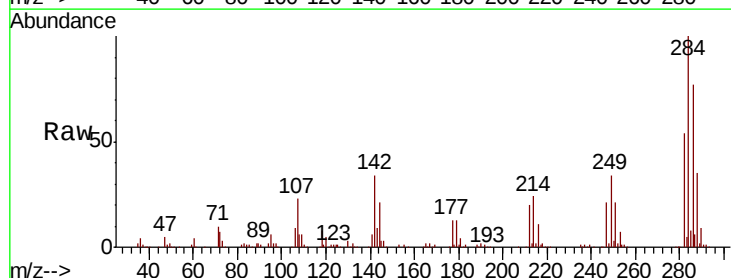


Abundance Ion 248.00 (247.70 to 248.70): E  
 250000 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

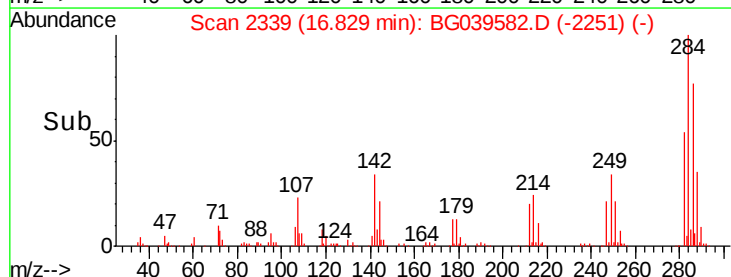
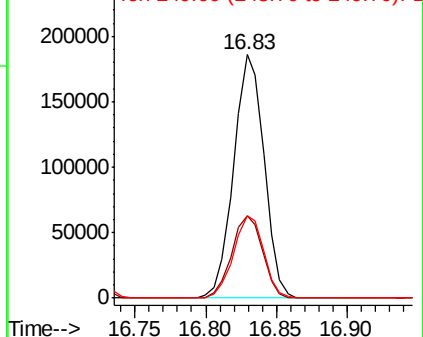


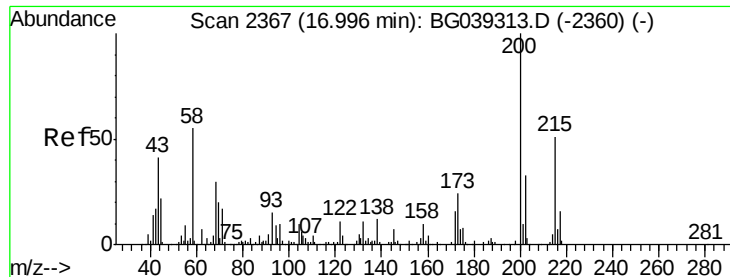
#68  
 Hexachlorobenzene  
 Concen: 43.177 ng  
 RT: 16.83 min Scan# 2339  
 Delta R.T. -0.01 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

Tgt Ion:284 Resp: 278241  
 Ion Ratio Lower Upper  
 284 100  
 142 34.0 30.6 45.8  
 249 33.9 28.2 42.2



Abundance Ion 283.80 (283.50 to 284.50): E  
 250000 Ion 142.00 (141.70 to 142.70): E  
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 26.560 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

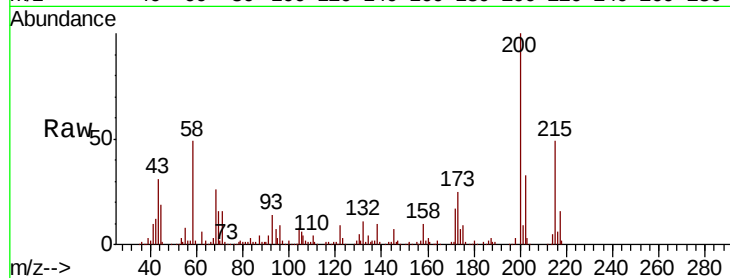
Tgt Ion:200 Resp: 170868

Ion Ratio Lower Upper

200 100

173 24.6 3.9 43.9

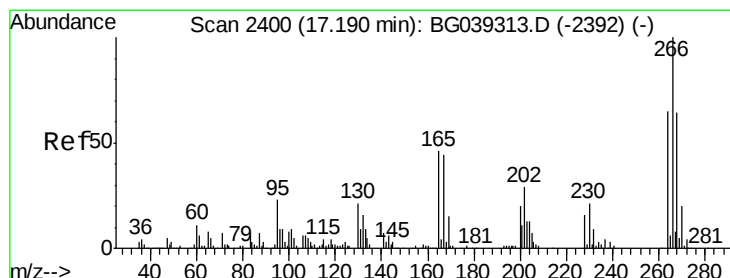
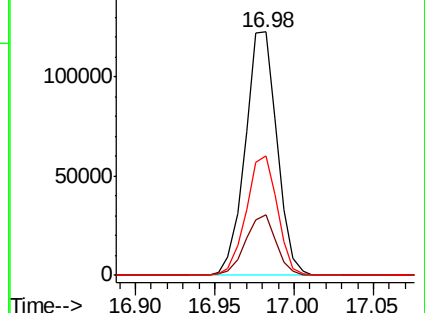
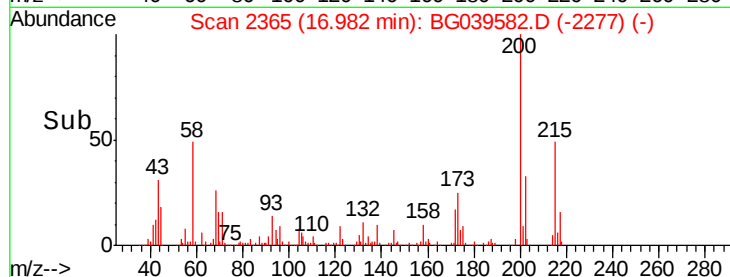
215 48.9 30.9 70.9



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: 72.606 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

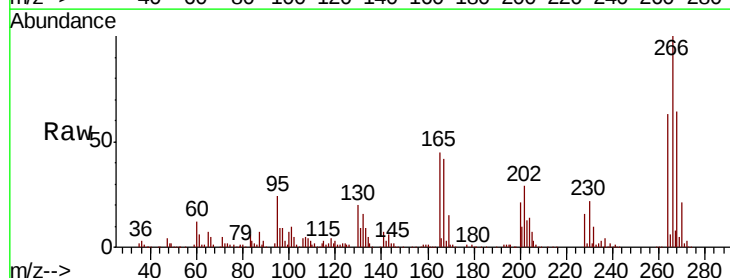
Tgt Ion:266 Resp: 325188

Ion Ratio Lower Upper

266 100

268 64.3 51.1 76.7

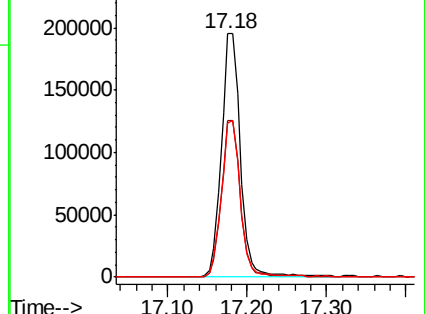
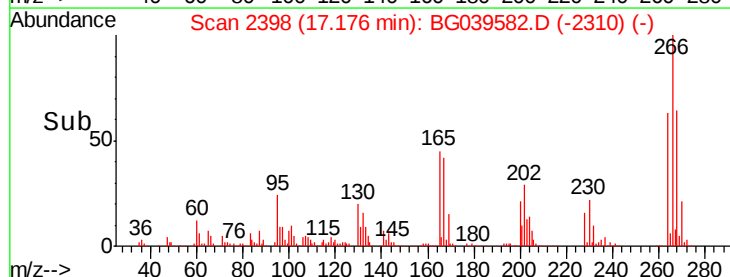
264 63.0 52.1 78.1

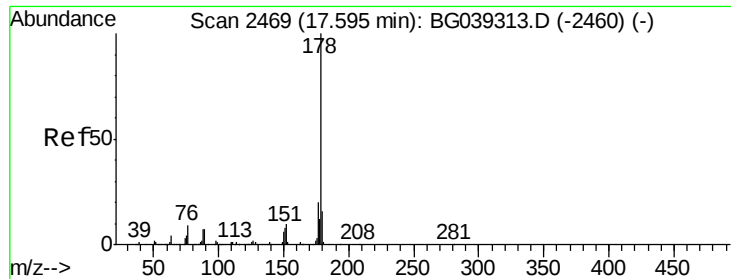


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

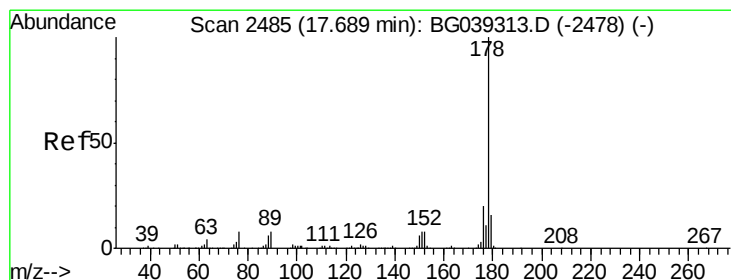
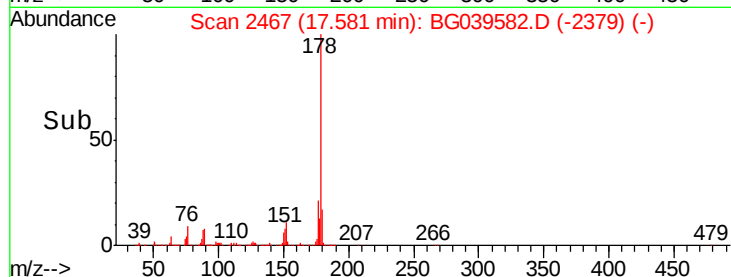
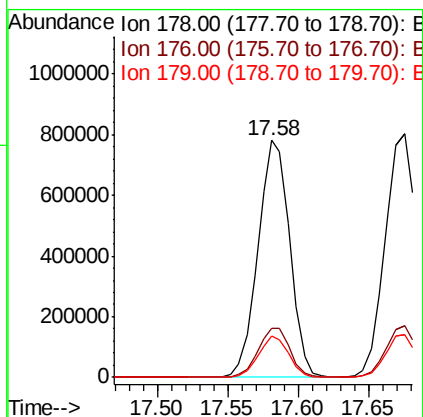
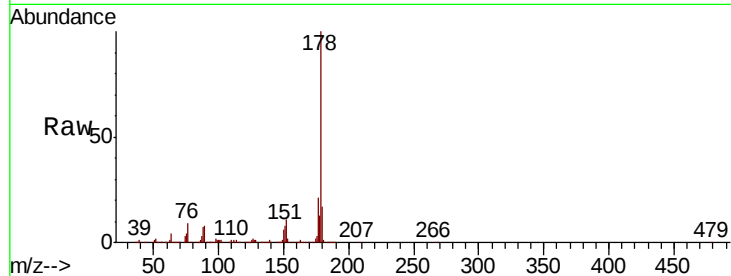




#71  
Phenanthrene  
Concen: 41.208 ng  
RT: 17.58 min Scan# 2467  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

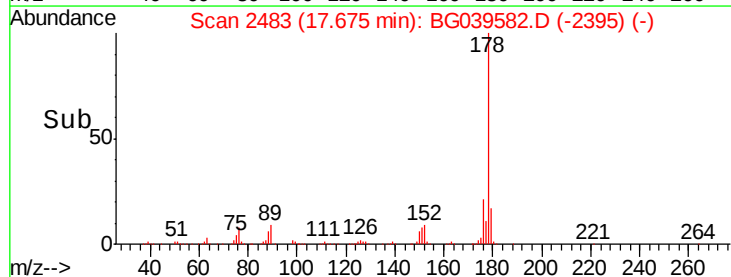
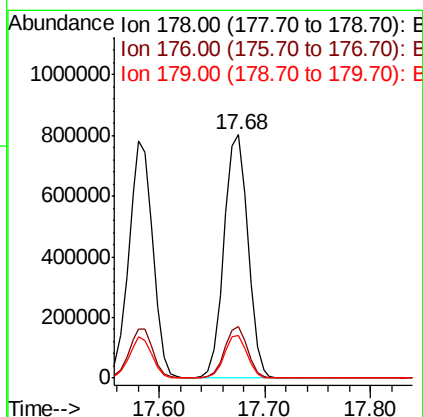
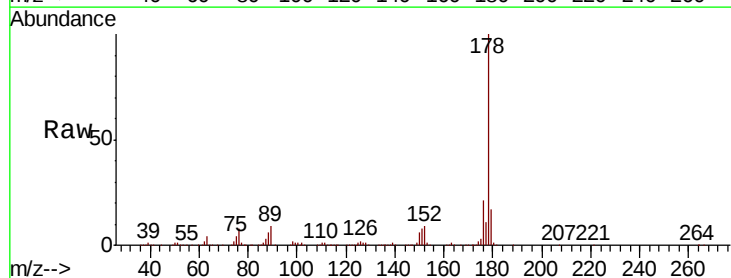
Instrument :  
BNA\_G  
ClientSampleId :  
PB117266BS

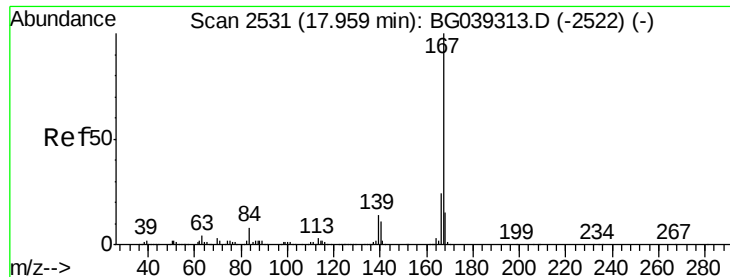
Tgt Ion:178 Resp: 1234806  
Ion Ratio Lower Upper  
178 100  
176 20.9 16.2 24.4  
179 17.3 12.6 19.0



#72  
Anthracene  
Concen: 42.675 ng  
RT: 17.68 min Scan# 2483  
Delta R.T. -0.01 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Tgt Ion:178 Resp: 1259610  
Ion Ratio Lower Upper  
178 100  
176 21.1 15.8 23.6  
179 17.3 12.5 18.7

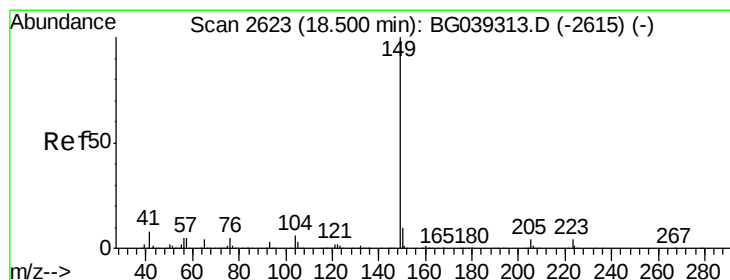
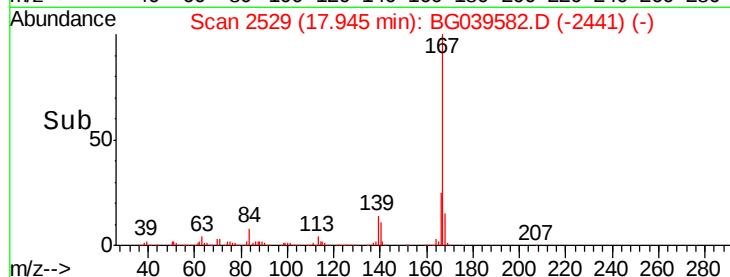
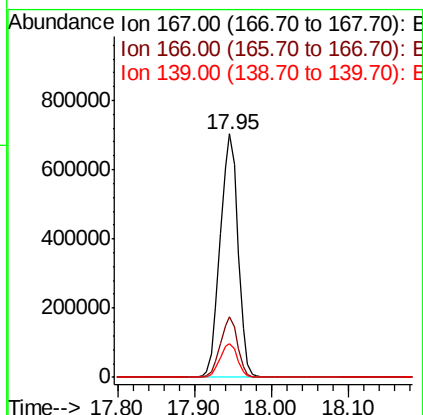
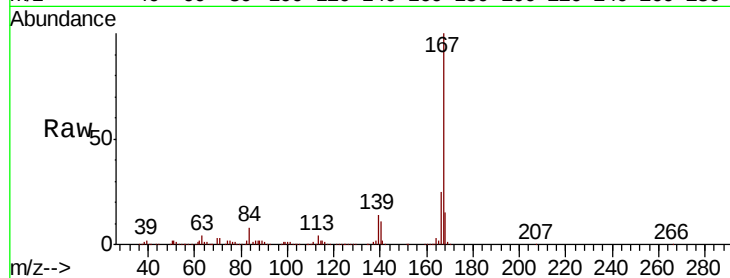




#73  
 Carbazole  
 Concen: 38.349 ng  
 RT: 17.95 min Scan# 2529  
 Delta R.T. -0.01 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

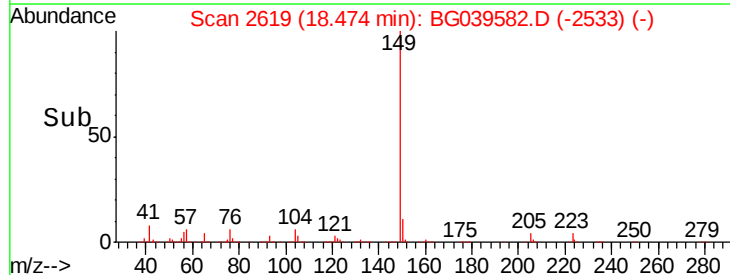
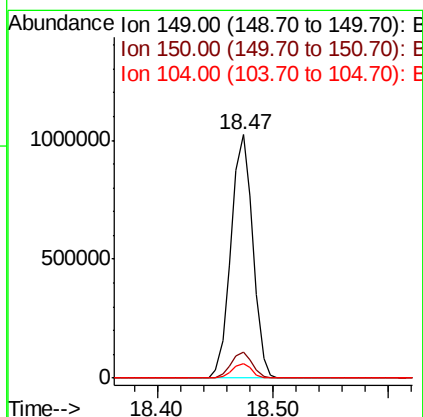
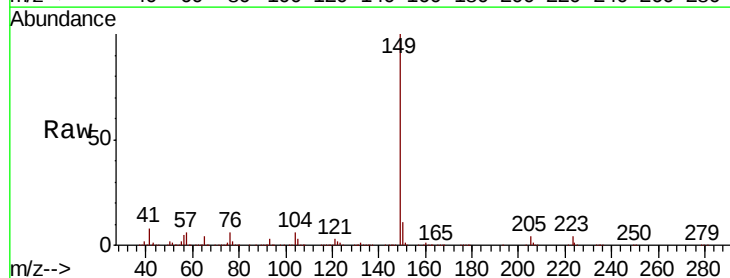
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB117266BS

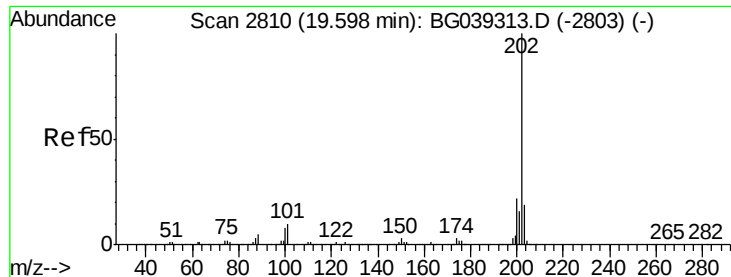
Tgt Ion:167 Resp: 1129631  
 Ion Ratio Lower Upper  
 167 100  
 166 24.8 19.4 29.2  
 139 14.1 10.8 16.2



#74  
 Di-n-butylphthalate  
 Concen: 38.890 ng  
 RT: 18.47 min Scan# 2619  
 Delta R.T. -0.03 min  
 Lab File: BG039582.D  
 Acq: 21 Feb 2019 22:05

Tgt Ion:149 Resp: 1336454  
 Ion Ratio Lower Upper  
 149 100  
 150 10.7 7.7 11.5  
 104 5.9 4.5 6.7





#75

Fluoranthene

Concen: 42.738 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

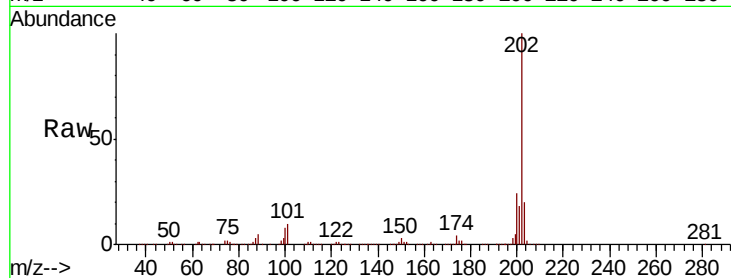
Tgt Ion:202 Resp: 1486457

Ion Ratio Lower Upper

202 100

101 9.6 0.0 30.0

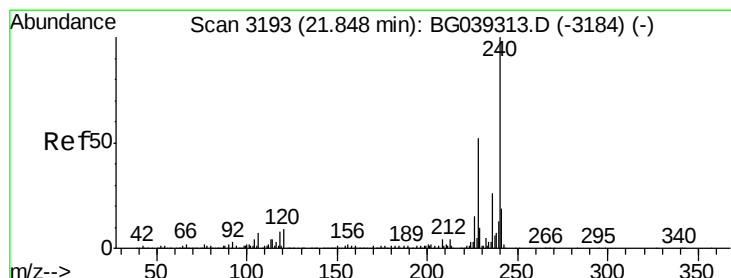
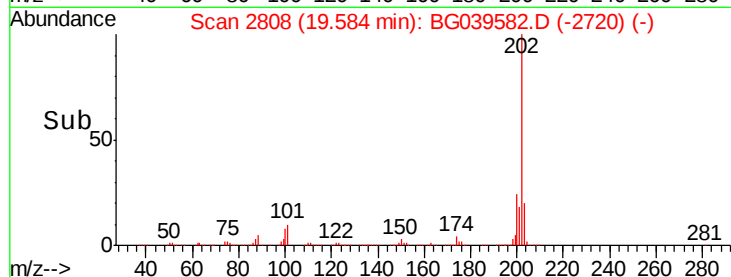
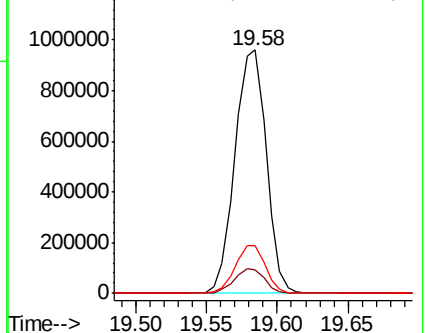
203 19.6 0.0 38.9



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: BG039582.D

Acq: 21 Feb 2019 22:05

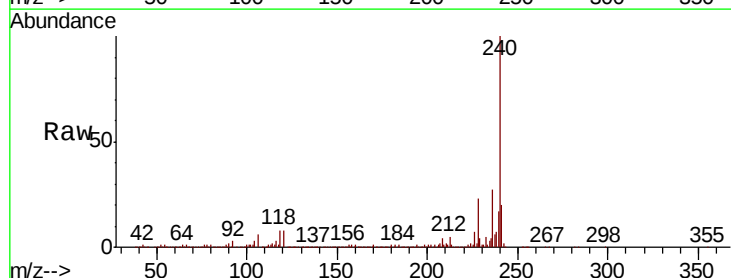
Tgt Ion:240 Resp: 596640

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

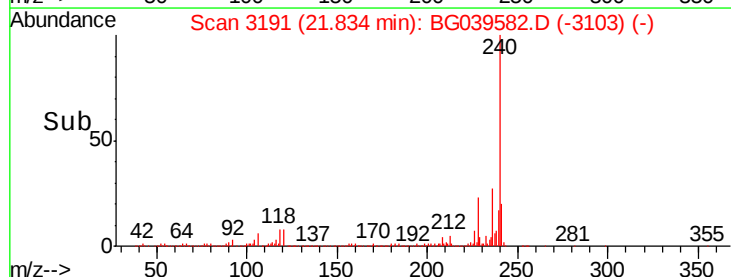
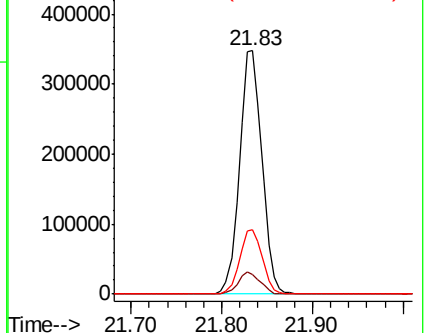
236 26.6 21.0 31.4

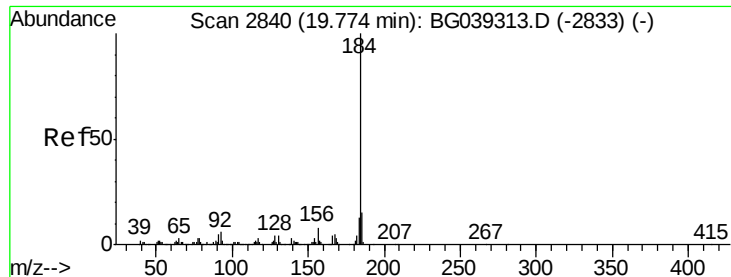


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.618 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

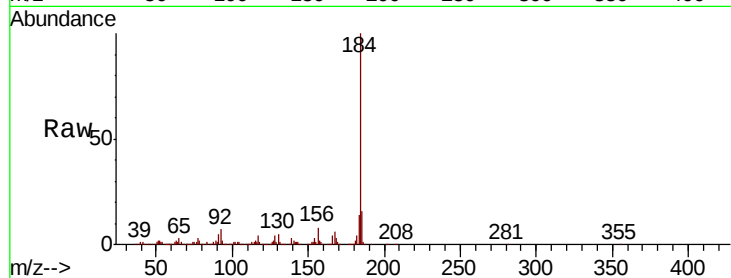
Tgt Ion:184 Resp: 990139

Ion Ratio Lower Upper

184 100

185 16.2 12.2 18.2

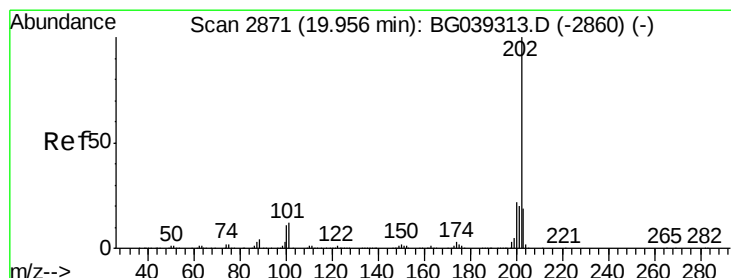
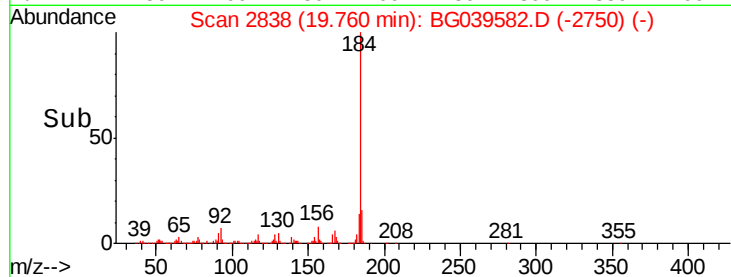
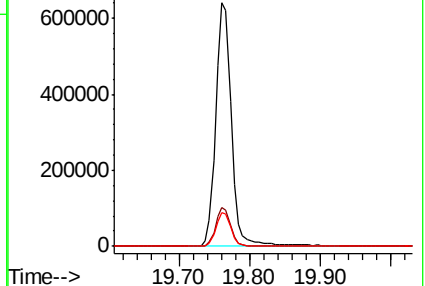
183 14.1 10.6 15.8



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: 39.906 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

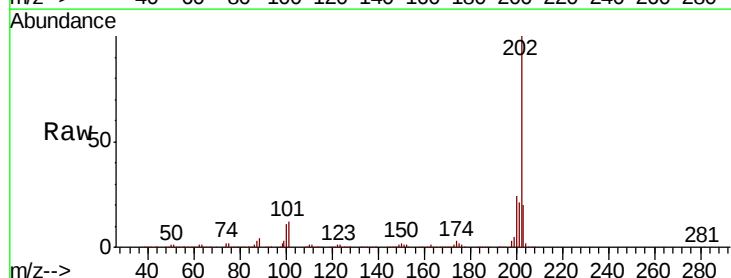
Tgt Ion:202 Resp: 1482194

Ion Ratio Lower Upper

202 100

200 23.8 17.8 26.8

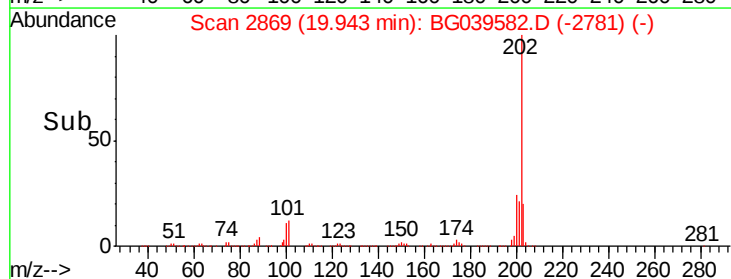
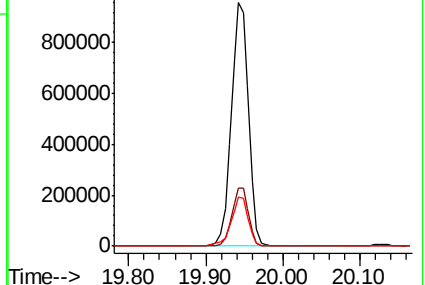
203 20.3 15.3 22.9

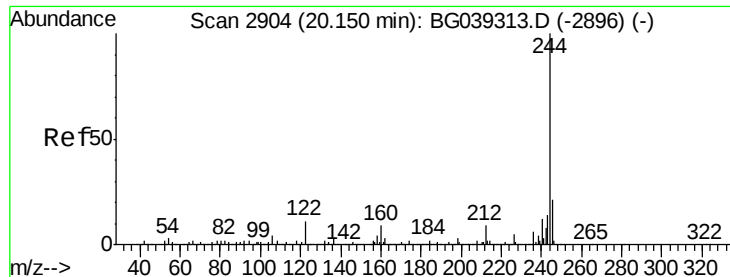


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.393 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

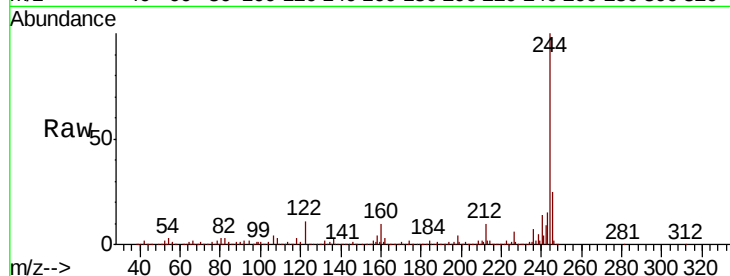
Tgt Ion:244 Resp: 1871434

Ion Ratio Lower Upper

244 100

212 10.5 7.3 10.9

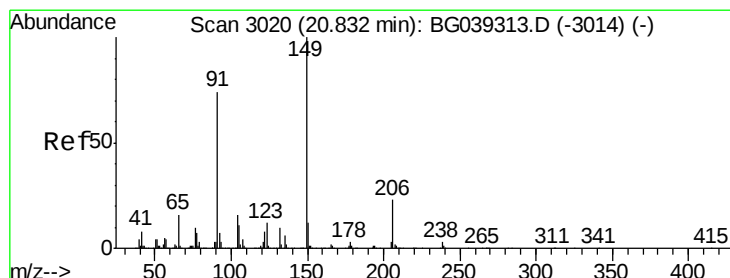
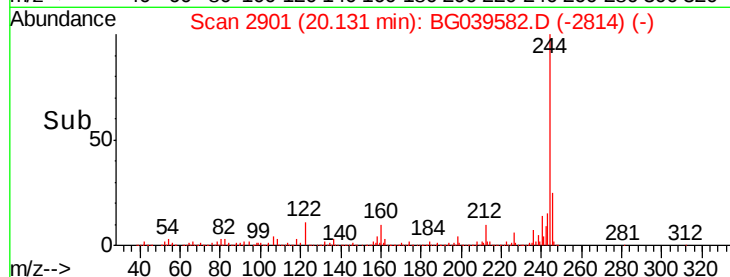
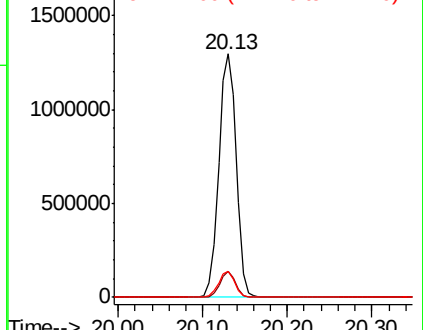
122 10.5 8.4 12.6



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: 42.347 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

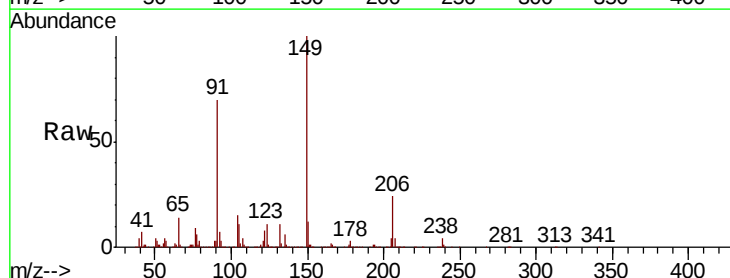
Tgt Ion:149 Resp: 663497

Ion Ratio Lower Upper

149 100

91 69.6 59.5 89.3

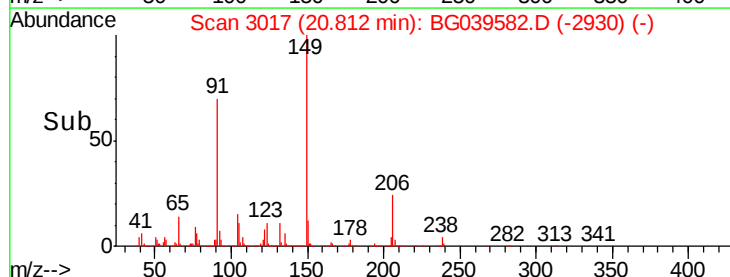
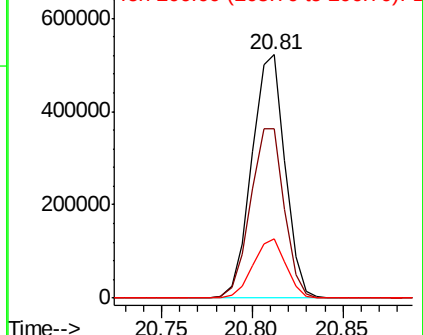
206 24.3 18.6 27.8

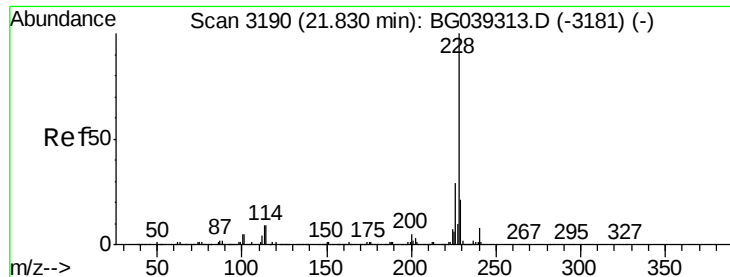


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.241 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

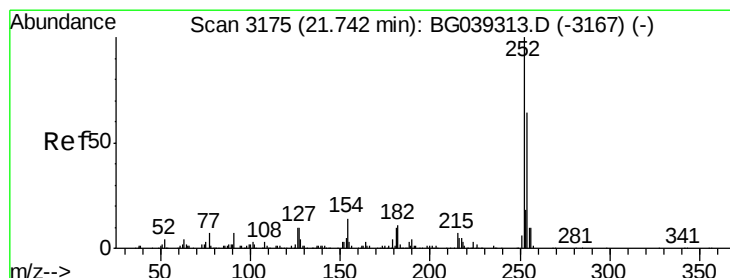
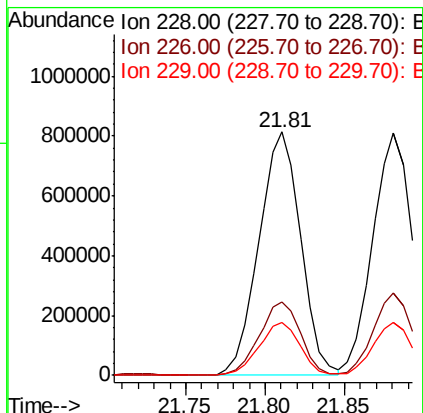
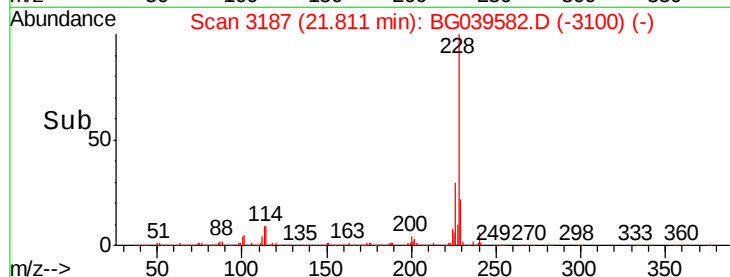
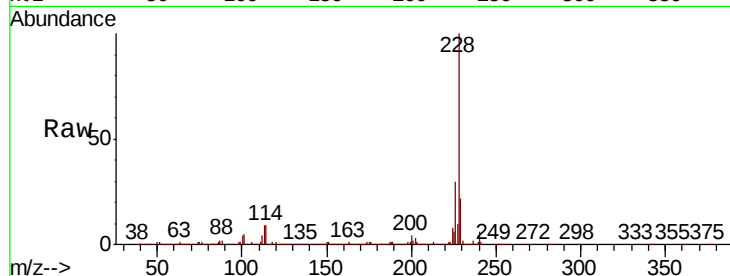
Tgt Ion:228 Resp: 1489201

Ion Ratio Lower Upper

228 100

226 30.4 23.0 34.6

229 21.9 16.9 25.3



#82

3,3'-Dichlorobenzidine

Concen: 41.303 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

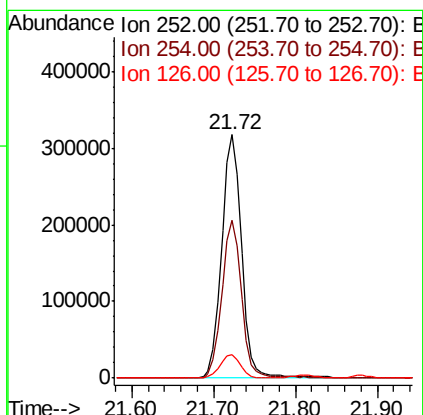
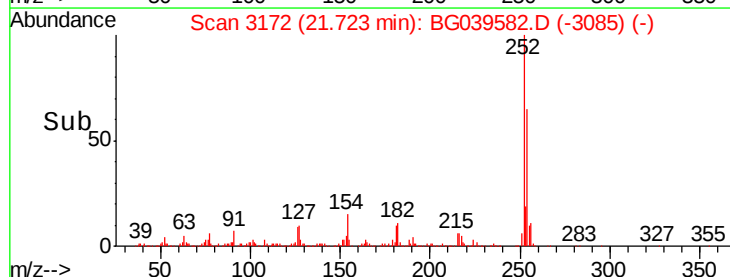
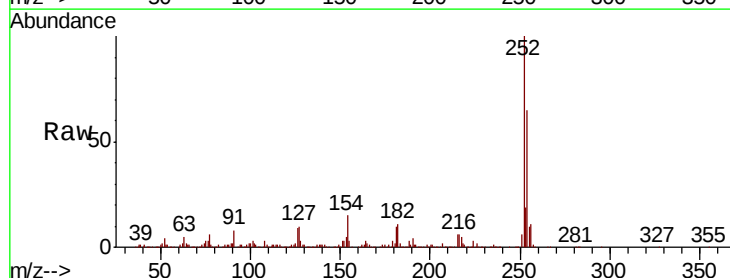
Tgt Ion:252 Resp: 539925

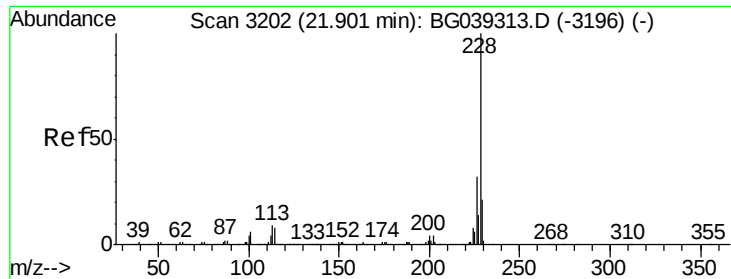
Ion Ratio Lower Upper

252 100

254 65.1 51.3 76.9

126 9.5 8.0 12.0





#83

Chrysene

Concen: 41.794 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

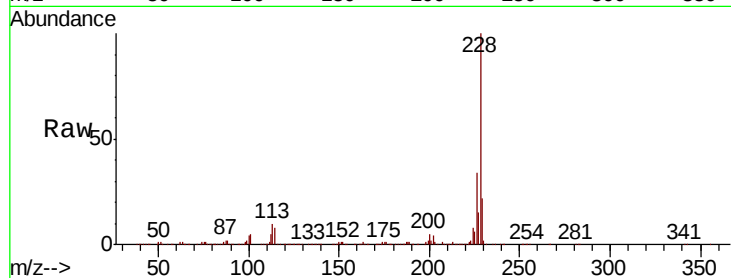
Tgt Ion:228 Resp: 1402646

Ion Ratio Lower Upper

228 100

226 34.2 25.8 38.6

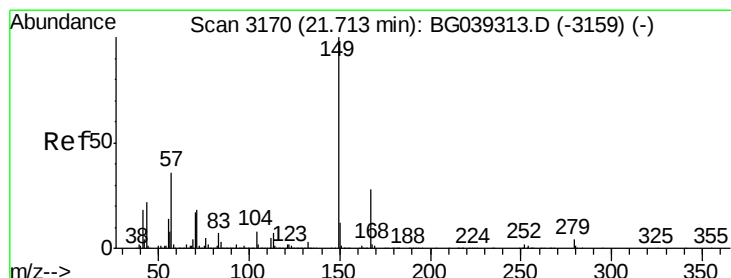
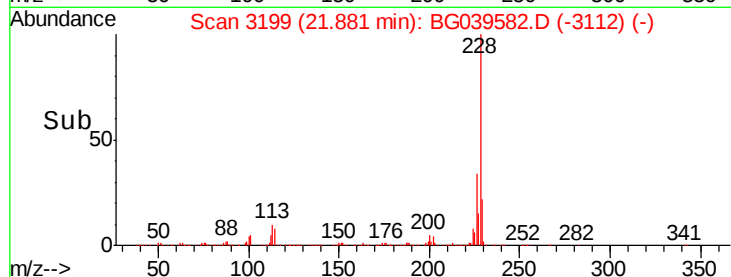
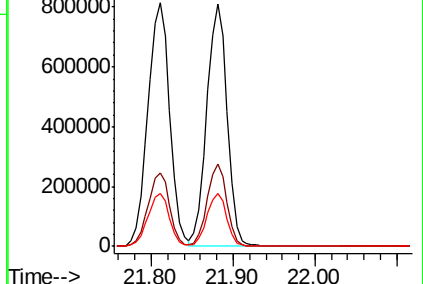
229 22.0 16.6 25.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.140 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.04 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

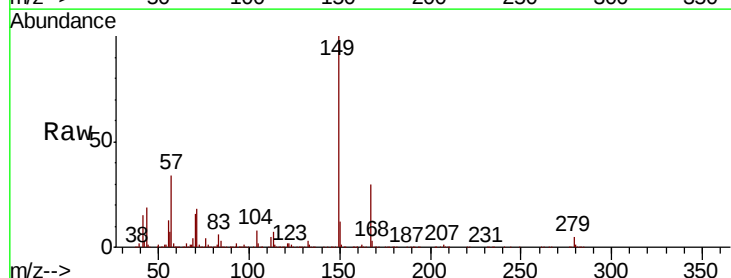
Tgt Ion:149 Resp: 919594

Ion Ratio Lower Upper

149 100

167 30.3 22.6 34.0

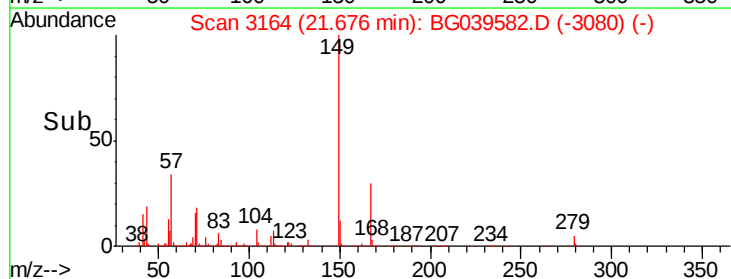
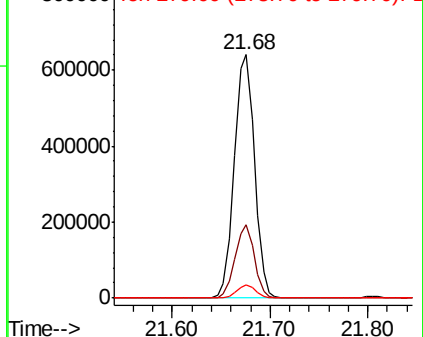
279 5.2 3.5 5.3

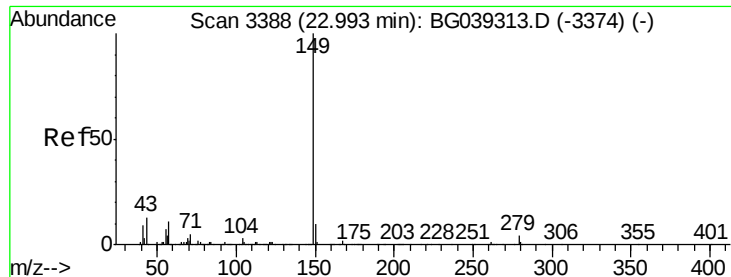


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.209 ng

RT: 22.93 min Scan# 3378

Delta R.T. -0.06 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

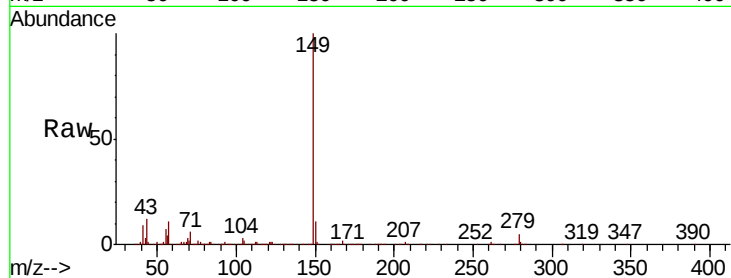
Tgt Ion:149 Resp: 1558744

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

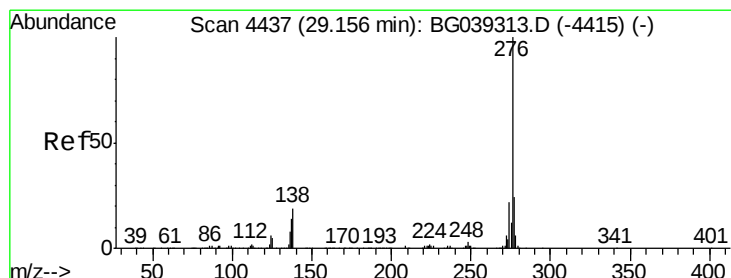
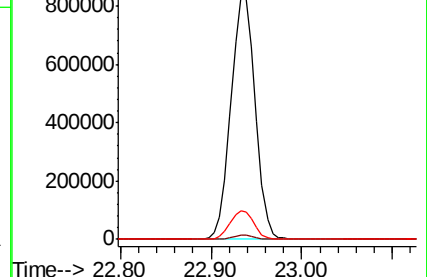
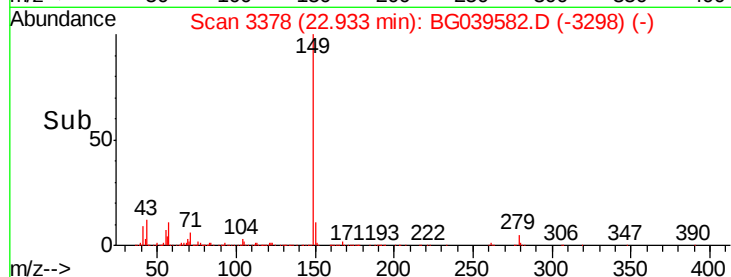
43 11.4 10.2 15.4



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: 41.426 ng

RT: 29.11 min Scan# 4429

Delta R.T. -0.05 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

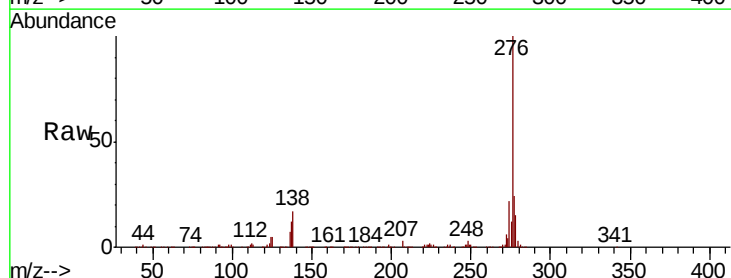
Tgt Ion:276 Resp: 1491647

Ion Ratio Lower Upper

276 100

138 20.6 12.6 19.0#

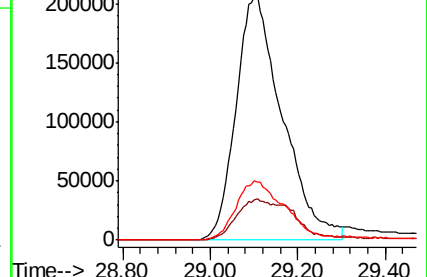
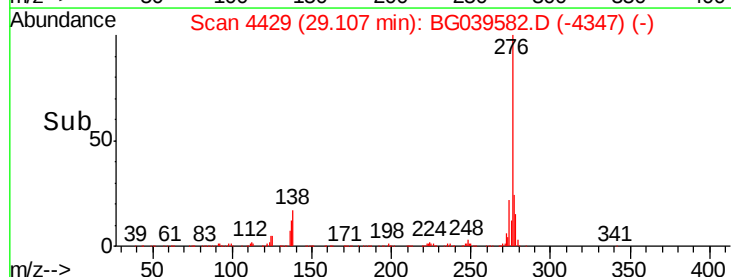
277 25.6 20.8 31.2

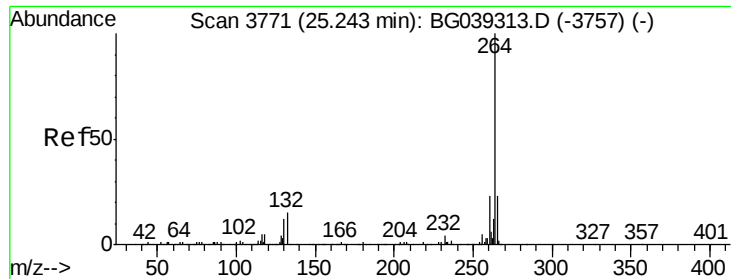


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



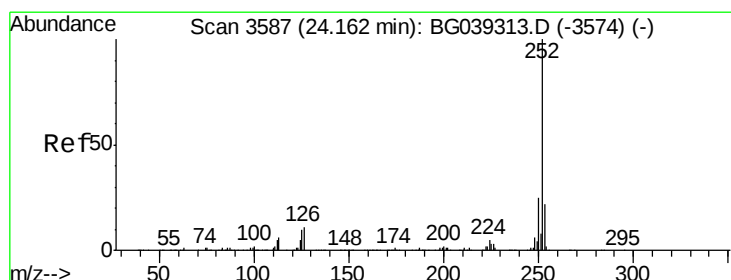
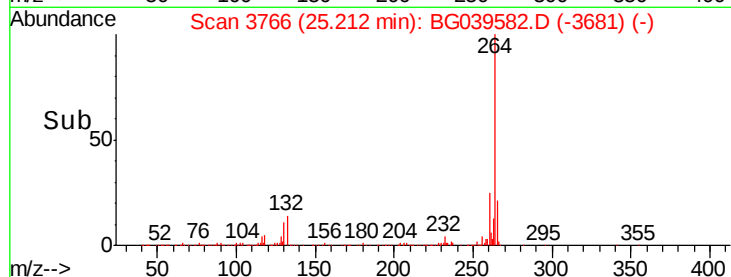
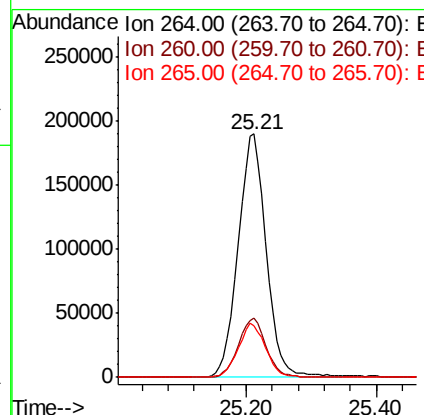
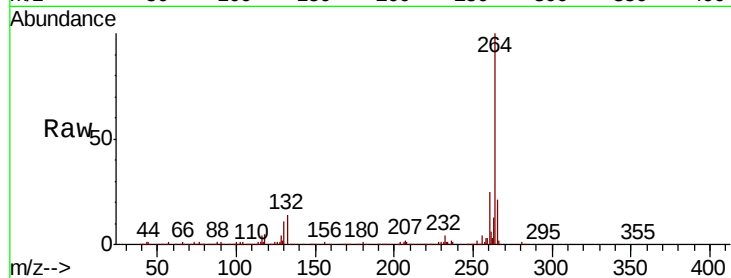


#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.21 min Scan# 3766  
Delta R.T. -0.03 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Instrument :  
BNA\_G  
ClientSampleId :  
PB117266BS

Tgt Ion: 264 Resp: 567503  

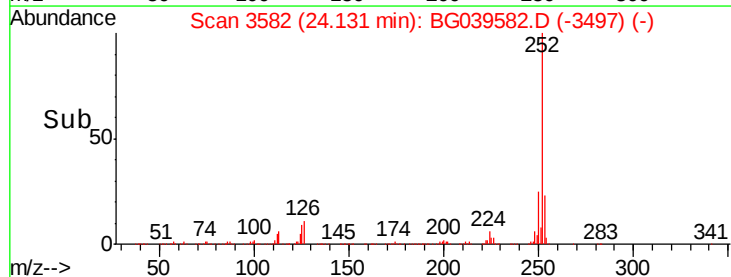
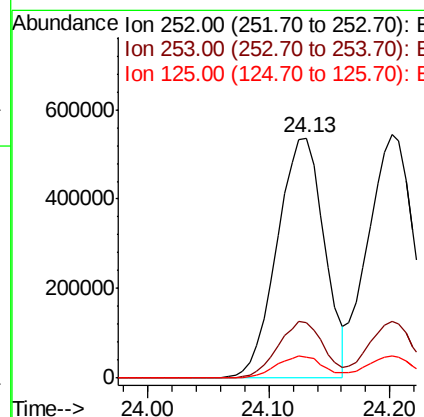
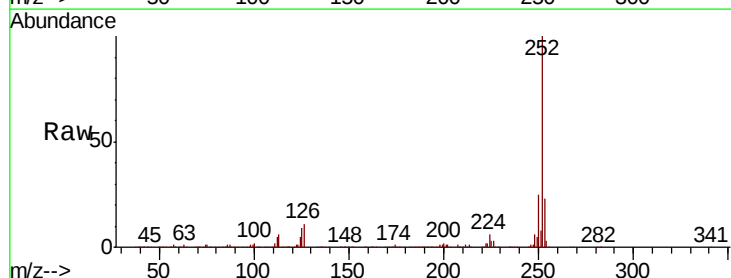
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.6  | 18.2  | 27.4  |
| 265 | 21.0  | 18.5  | 27.7  |

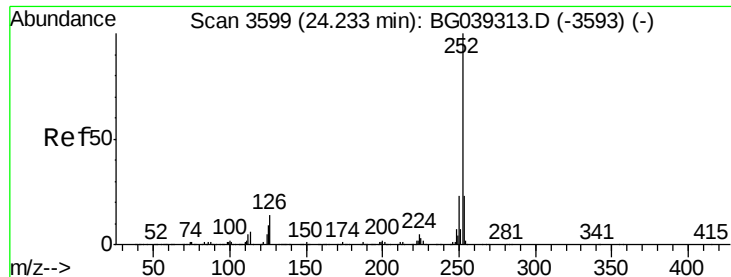


#88  
Benzo(b)fluoranthene  
Concen: 46.955 ng  
RT: 24.13 min Scan# 3582  
Delta R.T. -0.03 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Tgt Ion: 252 Resp: 1453210  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.3  | 17.8  | 26.8  |
| 125 | 8.6   | 7.8   | 11.6  |





#89

Benzo(k)fluoranthene

Concen: 46.426 ng

RT: 24.20 min Scan# 3594

Delta R.T. -0.03 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

Instrument :

BNA\_G

ClientSampleId :

PB117266BS

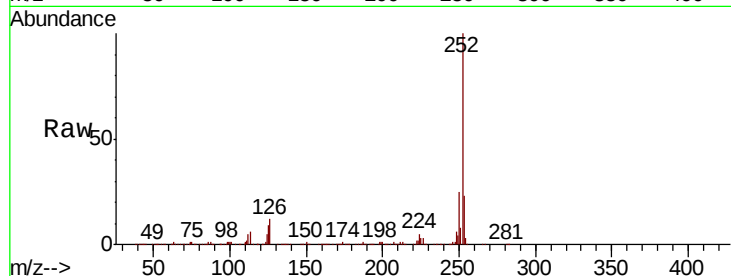
Tgt Ion:252 Resp: 1442574

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

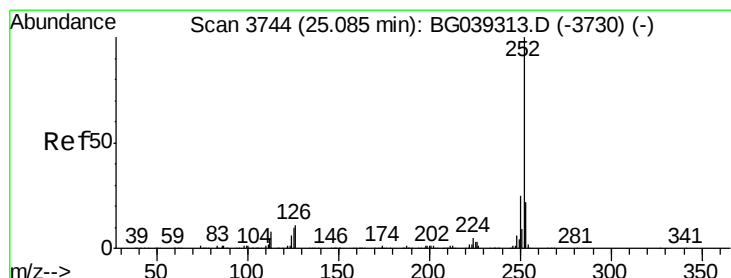
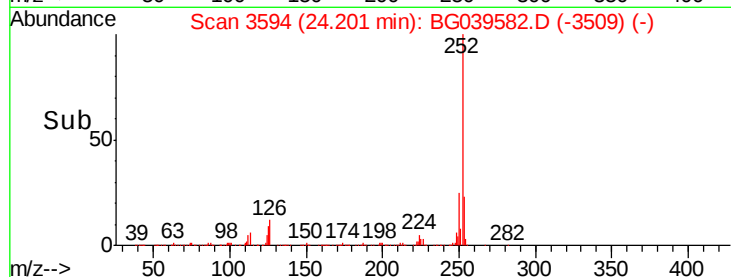
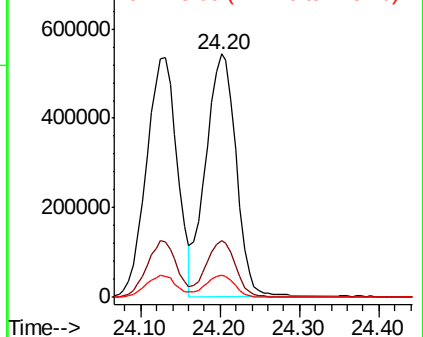
125 9.2 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 48.541 ng

RT: 25.05 min Scan# 3739

Delta R.T. -0.03 min

Lab File: BG039582.D

Acq: 21 Feb 2019 22:05

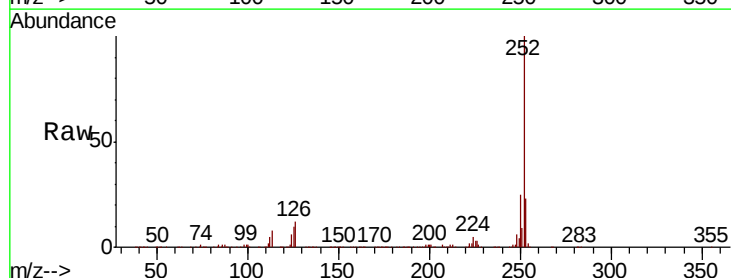
Tgt Ion:252 Resp: 1446826

Ion Ratio Lower Upper

252 100

253 23.3 17.9 26.9

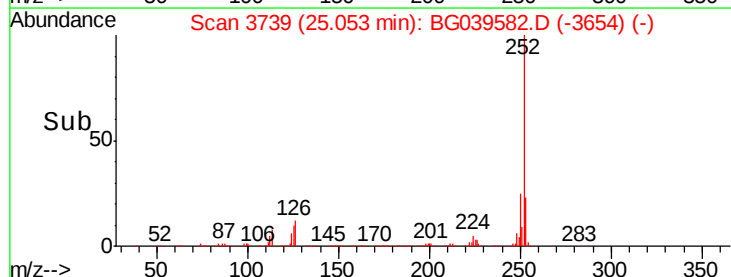
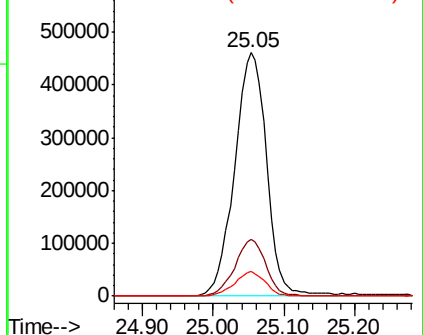
125 10.0 8.3 12.5

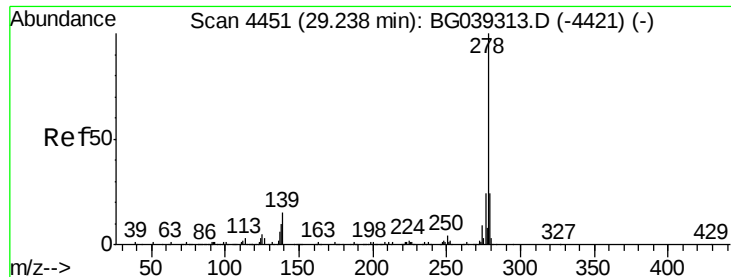


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

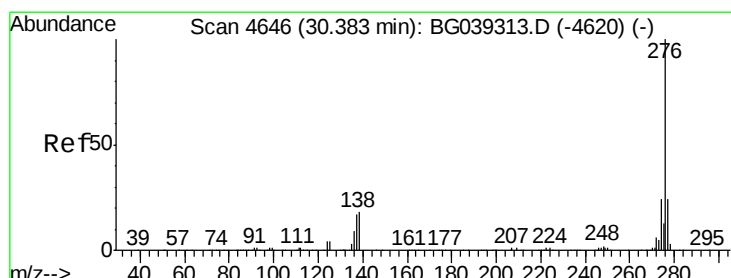
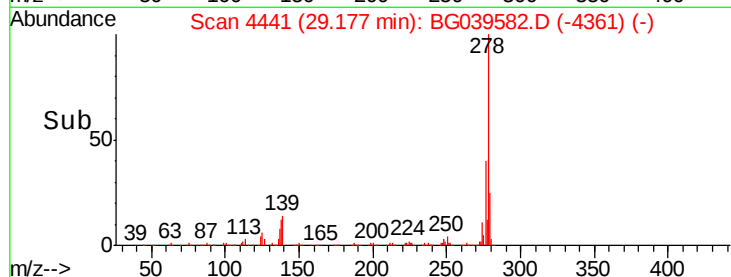
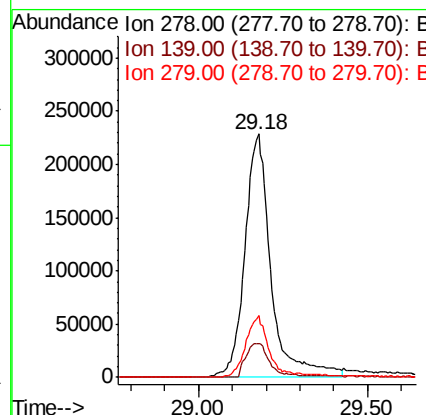
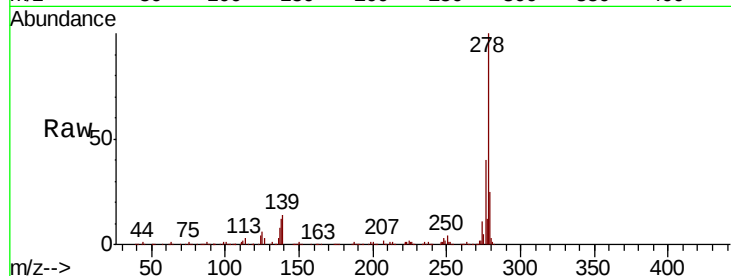




#91  
Dibenzo(a,h)anthracene  
Concen: 44.118 ng  
RT: 29.18 min Scan# 4441  
Delta R.T. -0.06 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Instrument :  
BNA\_G  
ClientSampleId :  
PB117266BS

Tgt Ion:278 Resp: 1231495  
Ion Ratio Lower Upper  
278 100  
139 13.8 11.7 17.5  
279 25.3 19.1 28.7



#92  
Benzo(g,h,i)perylene  
Concen: 43.152 ng  
RT: 30.33 min Scan# 4638  
Delta R.T. -0.05 min  
Lab File: BG039582.D  
Acq: 21 Feb 2019 22:05

Tgt Ion:276 Resp: 1200578  
Ion Ratio Lower Upper  
276 100  
277 25.0 19.6 29.4  
138 17.9 14.7 22.1

