

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG021119\  
 Data File : BG039435.D  
 Acq On : 11 Feb 2019 15:35  
 Operator : JU/SJ  
 Sample : PB116987BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116987BS

Quant Time: Feb 12 00:14:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 29 15:41:51 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 49502    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 11.00 | 136  | 228512   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.80 | 164  | 160859   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.54 | 188  | 391927   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.83 | 240  | 398165   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 25.21 | 264  | 408218   | 20.00 | ng    | -0.04    |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.71  | 112 | 271827 | 93.98 | ng | 0.00  |
| 7) Phenol-d6             | 7.31  | 99  | 395199 | 92.83 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 9.35  | 82  | 220961 | 60.41 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.28 | 330 | 159498 | 92.08 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.42 | 172 | 583968 | 52.08 | ng | -0.02 |
| 79) Terphenyl-d14        | 20.13 | 244 | 972682 | 51.71 | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.60  | 88  | 28044  | 22.166 | ng | 96     |
| 3) Pyridine                    | 4.00  | 79  | 80037  | 23.894 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.92  | 42  | 43161  | 25.765 | ng | # 79   |
| 6) Aniline                     | 7.49  | 93  | 84377  | 15.822 | ng | 98     |
| 8) 2-Chlorophenol              | 7.73  | 128 | 99806  | 31.569 | ng | 97     |
| 9) Benzaldehyde                | 7.31  | 77  | 41645  | 16.058 | ng | 94     |
| 10) Phenol                     | 7.34  | 94  | 139543 | 31.443 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.58  | 93  | 92936  | 26.501 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 8.06  | 146 | 98936  | 25.832 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.21  | 146 | 100771 | 26.398 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.52  | 146 | 97266  | 26.320 | ng | 98     |
| 15) Benzyl Alcohol             | 8.41  | 79  | 94826  | 28.371 | ng | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.69  | 45  | 178171 | 22.498 | ng | 99     |
| 17) 2-Methylphenol             | 8.59  | 107 | 87770  | 30.561 | ng | 96     |
| 18) Hexachloroethane           | 9.26  | 117 | 34716  | 26.433 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.97  | 70  | 77027  | 25.491 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.92  | 107 | 122874 | 31.069 | ng | 96     |
| 22) Acetophenone               | 9.00  | 105 | 147524 | 24.034 | ng | # 94   |
| 24) Nitrobenzene               | 9.39  | 77  | 113501 | 28.722 | ng | 95     |
| 25) Isophorone                 | 9.90  | 82  | 221559 | 27.334 | ng | 98     |
| 26) 2-Nitrophenol              | 10.10 | 139 | 52389  | 37.013 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.14 | 122 | 105921 | 32.303 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.39 | 93  | 136682 | 27.376 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.63 | 162 | 110900 | 30.946 | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.84 | 180 | 105824 | 26.302 | ng | 97     |
| 31) Naphthalene                | 11.04 | 128 | 312570 | 27.572 | ng | 99     |
| 32) Benzoic acid               | 10.25 | 122 | 54637  | 29.685 | ng | 94     |
| 33) 4-Chloroaniline            | 11.15 | 127 | 60793  | 11.566 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.31 | 225 | 67672  | 25.291 | ng | 94     |
| 35) Caprolactam                | 11.92 | 113 | 27710  | 18.686 | ng | 92     |
| 36) 4-Chloro-3-methylphenol    | 12.24 | 107 | 120657 | 29.112 | ng | 94     |
| 37) 2-Methylnaphthalene        | 12.64 | 142 | 242334 | 28.862 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.85 | 142 | 234406 | 28.962 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216 | 130611 | 25.520 | ng | 98     |

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 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

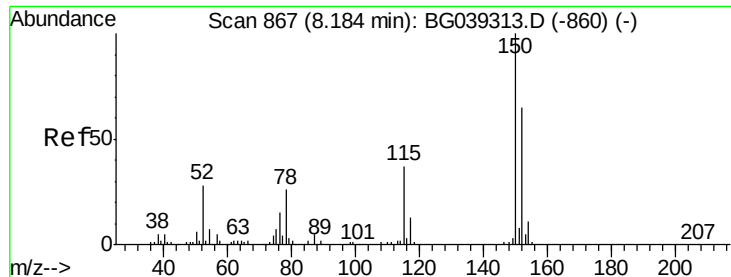
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116987BS

Quant Time: Feb 12 00:14:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 29 15:41:51 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.97 | 237  | 169181   | 60.662 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.23 | 196  | 93541    | 29.725 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.30 | 196  | 102399   | 31.047 | ng    | 95       |
| 46) 1,1'-Biphenyl              | 13.63 | 154  | 332928   | 24.875 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.68 | 162  | 258000   | 25.625 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.88 | 65   | 87695    | 33.376 | ng    | 95       |
| 49) Acenaphthylene             | 14.52 | 152  | 424781   | 27.960 | ng    | 99       |
| 50) Dimethylphthalate          | 14.24 | 163  | 349948   | 26.936 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.37 | 165  | 77926    | 34.267 | ng    | 97       |
| 52) Acenaphthene               | 14.86 | 154  | 256484   | 26.008 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.70 | 138  | 42611    | 20.094 | ng    | # 89     |
| 54) 2,4-Dinitrophenol          | 14.90 | 184  | 75309    | 73.190 | ng    | 95       |
| 55) Dibenzofuran               | 15.19 | 168  | 425984   | 26.941 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.99 | 139  | 139020   | 60.690 | ng    | 89       |
| 57) 2,4-Dinitrotoluene         | 15.15 | 165  | 109145   | 37.197 | ng    | 86       |
| 58) Fluorene                   | 15.84 | 166  | 335883   | 28.496 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.41 | 232  | 102187   | 33.090 | ng    | 97       |
| 60) Diethylphthalate           | 15.59 | 149  | 360864   | 26.865 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.83 | 204  | 176718   | 26.478 | ng    | 94       |
| 62) 4-Nitroaniline             | 15.86 | 138  | 79679    | 30.889 | ng    | 91       |
| 63) Azobenzene                 | 16.12 | 77   | 318876   | 24.288 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 56428    | 39.508 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 16.04 | 169  | 314252   | 26.370 | ng    | 96       |
| 67) 4-Bromophenyl-phenylether  | 16.72 | 248  | 116172   | 26.719 | ng    | 94       |
| 68) Hexachlorobenzene          | 16.83 | 284  | 118489   | 27.162 | ng    | 94       |
| 69) Atrazine                   | 16.98 | 200  | 119356   | 27.407 | ng    | 95       |
| 70) Pentachlorophenol          | 17.18 | 266  | 152544   | 50.313 | ng    | 98       |
| 71) Phenanthrene               | 17.58 | 178  | 562866   | 27.748 | ng    | 99       |
| 72) Anthracene                 | 17.67 | 178  | 571723   | 28.614 | ng    | 99       |
| 73) Carbazole                  | 17.94 | 167  | 500462   | 25.098 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.48 | 149  | 600513   | 25.814 | ng    | 99       |
| 75) Fluoranthene               | 19.58 | 202  | 672854   | 28.578 | ng    | 100      |
| 77) Benzidine                  | 19.76 | 184  | 188084   | 14.408 | ng    | 98       |
| 78) Pyrene                     | 19.94 | 202  | 689126   | 27.802 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.81 | 149  | 276789   | 26.472 | ng    | 93       |
| 81) Benzo(a)anthracene         | 21.81 | 228  | 658268   | 27.979 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.72 | 252  | 121921   | 13.976 | ng    | 97       |
| 83) Chrysene                   | 21.88 | 228  | 614580   | 27.441 | ng    | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.68 | 149  | 385478   | 25.842 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.95 | 149  | 668529   | 27.127 | ng    | 94       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.09 | 276  | 723357   | 30.103 | ng    | 98       |
| 88) Benzo(b)fluoranthene       | 24.13 | 252  | 641081   | 28.797 | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 24.20 | 252  | 612282   | 27.394 | ng    | 99       |
| 90) Benzo(a)pyrene             | 25.05 | 252  | 615859   | 28.724 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 29.17 | 278  | 582739   | 29.023 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.32 | 276  | 600389   | 30.000 | ng    | 97       |

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



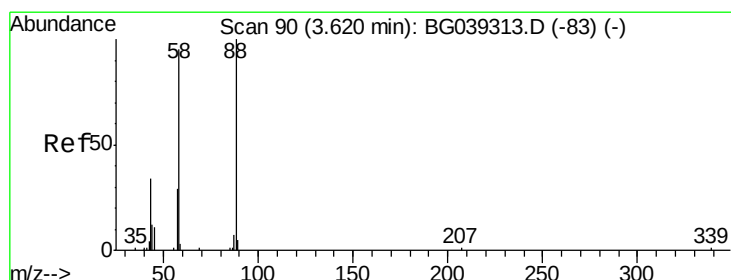
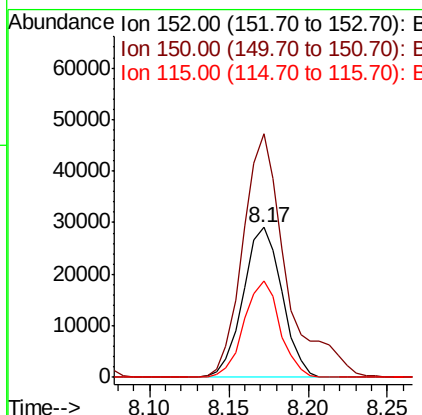
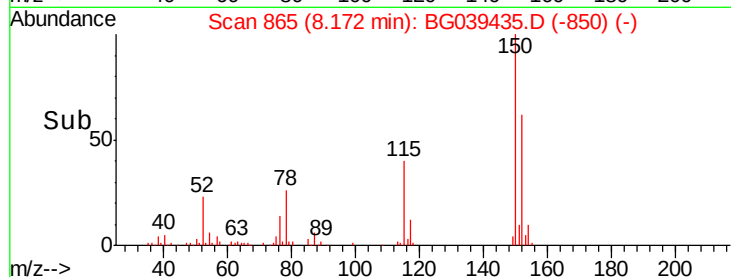
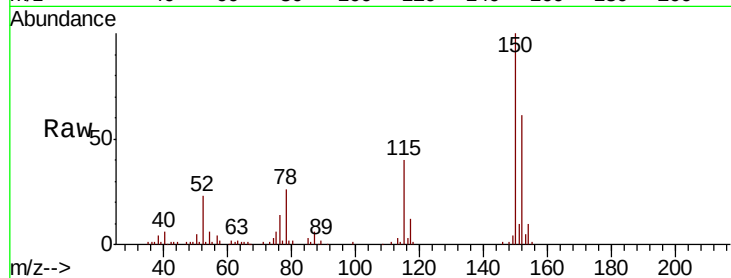


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.17 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB116987BS

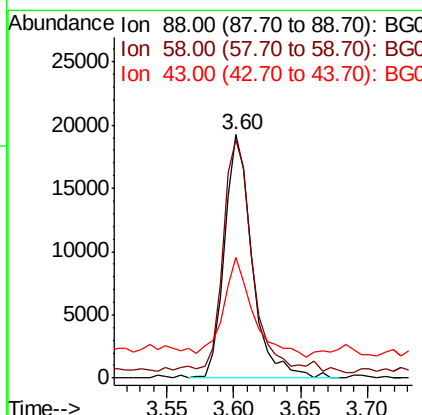
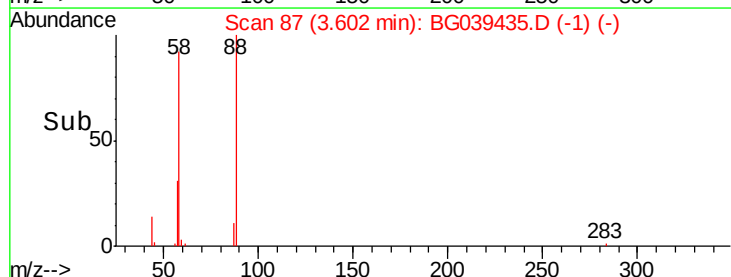
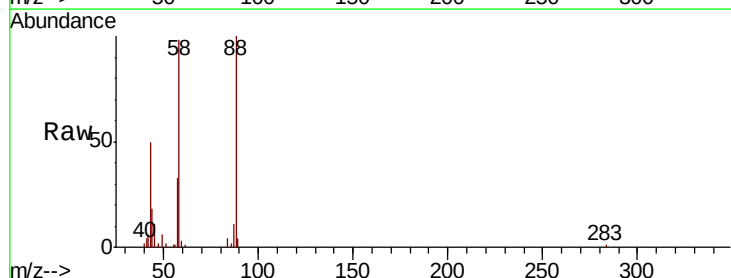
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 162.7 | 123.7 | 185.5 |
| 115     | 64.6  | 45.9  | 68.9  |

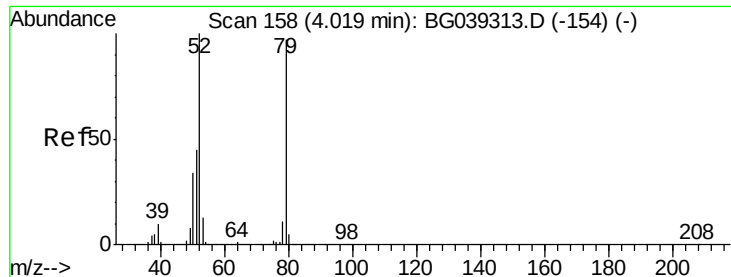


#2

1,4-Dioxane  
Concen: 22.166 ng  
RT: 3.60 min Scan# 87  
Delta R.T. -0.02 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 103.9 | 81.1  | 121.7 |
| 43      | 44.1  | 31.4  | 47.0  |





#3

Pyridine

Concen: 23.894 ng

RT: 4.00 min Scan# 155

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

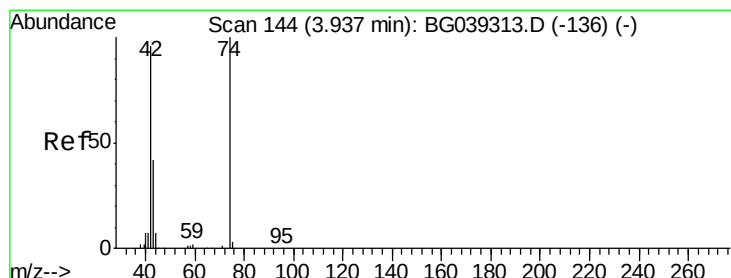
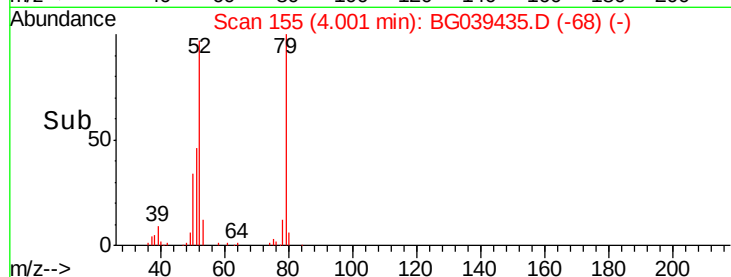
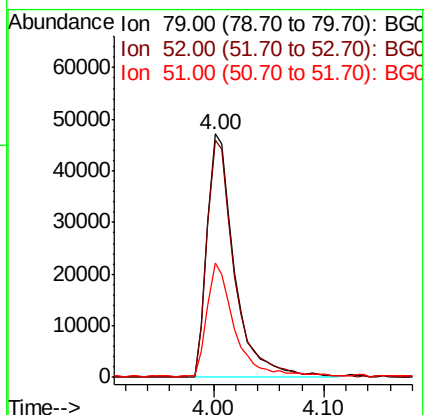
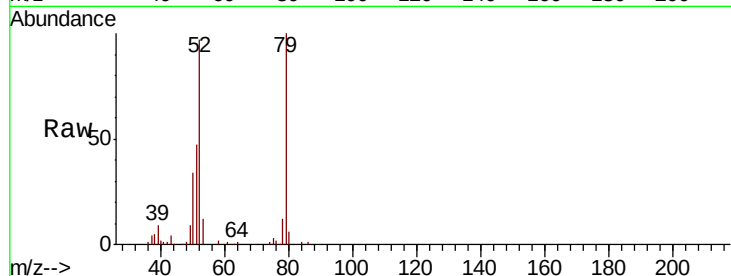
Tgt Ion: 79 Resp: 80037

Ion Ratio Lower Upper

79 100

52 97.5 82.6 124.0

51 46.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 25.765 ng

RT: 3.92 min Scan# 142

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

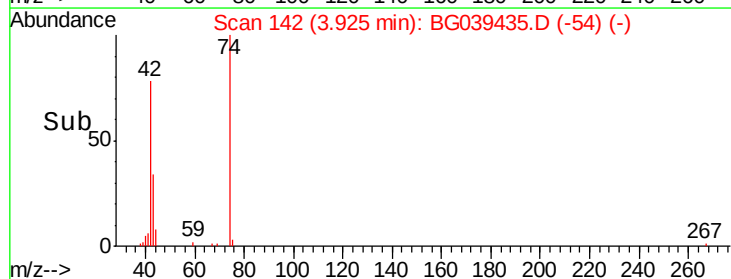
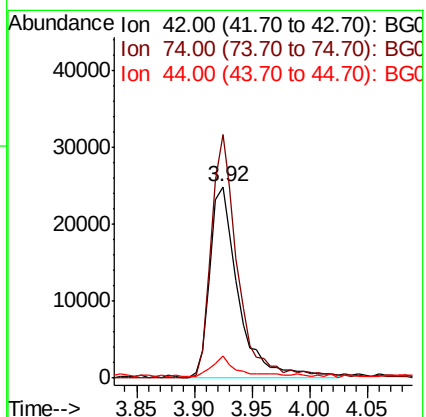
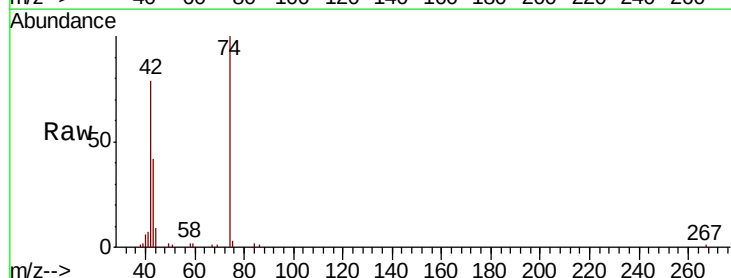
Tgt Ion: 42 Resp: 43161

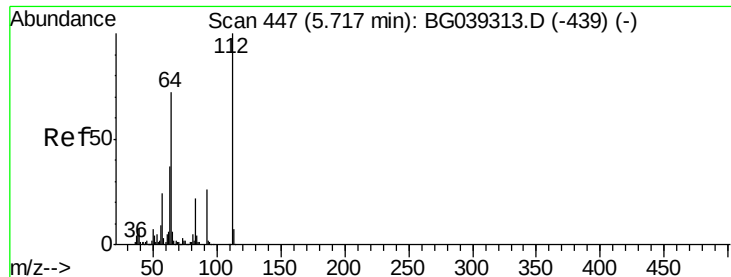
Ion Ratio Lower Upper

42 100

74 127.3 83.6 125.4#

44 11.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 93.983 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

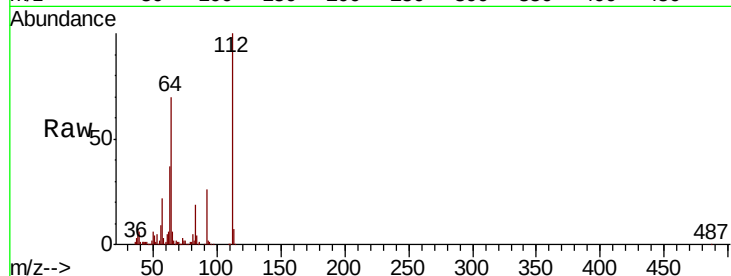
Tgt Ion: 112 Resp: 271827

Ion Ratio Lower Upper

112 100

64 70.1 57.8 86.8

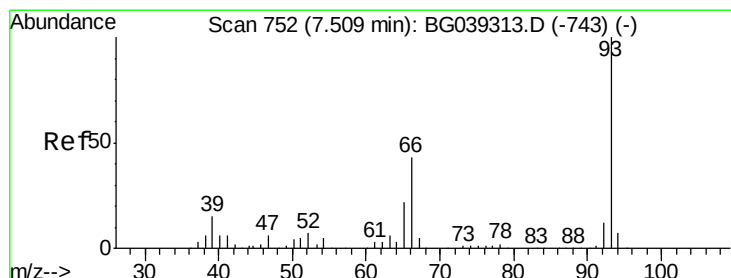
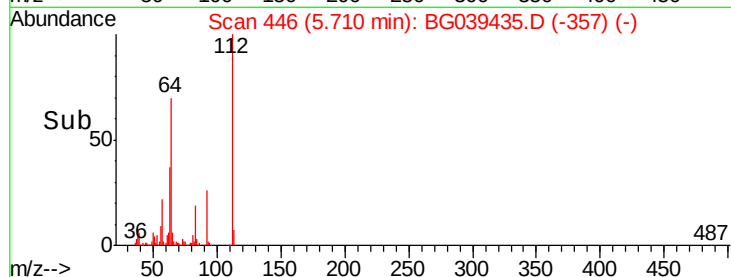
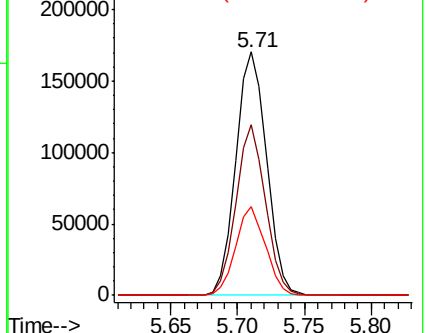
63 36.6 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.822 ng

RT: 7.49 min Scan# 749

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

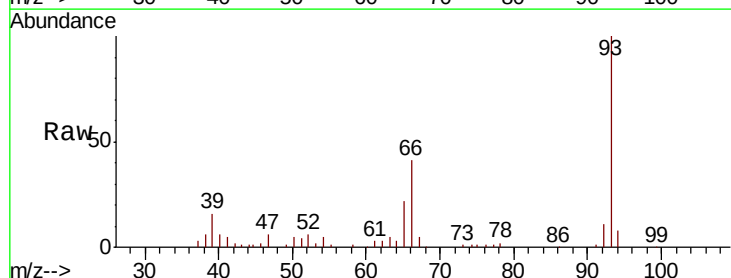
Tgt Ion: 93 Resp: 84377

Ion Ratio Lower Upper

93 100

66 40.8 34.2 51.4

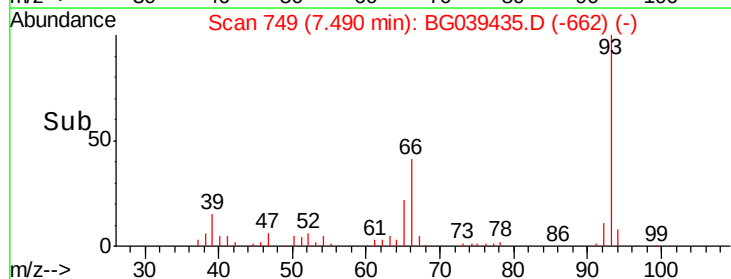
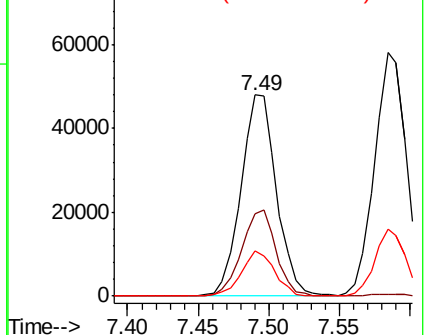
65 22.4 17.7 26.5

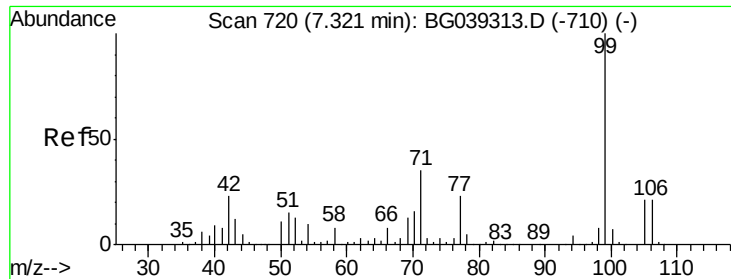


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 92.827 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

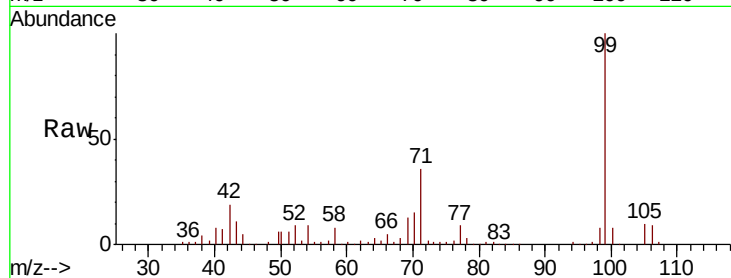
Tgt Ion: 99 Resp: 395199

Ion Ratio Lower Upper

99 100

42 19.4 18.2 27.2

71 35.8 28.0 42.0

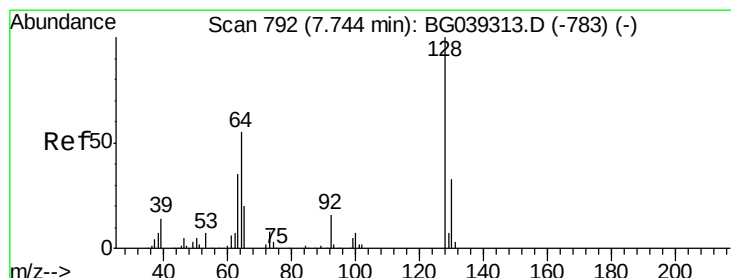
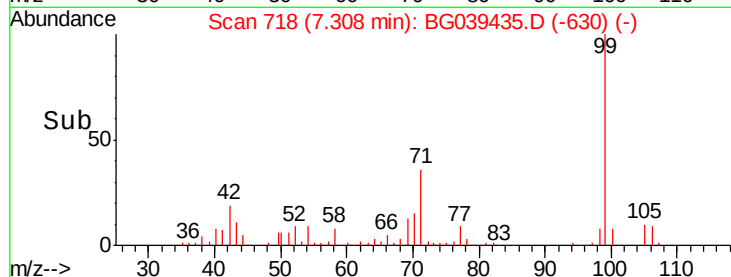
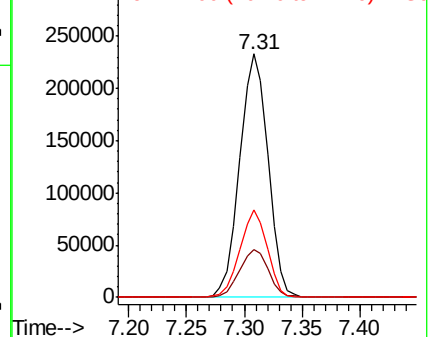


Abundance

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: 31.569 ng

RT: 7.73 min Scan# 789

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

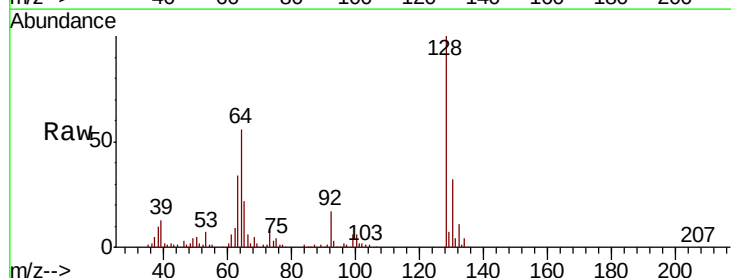
Tgt Ion: 128 Resp: 99806

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 56.0 38.7 78.7

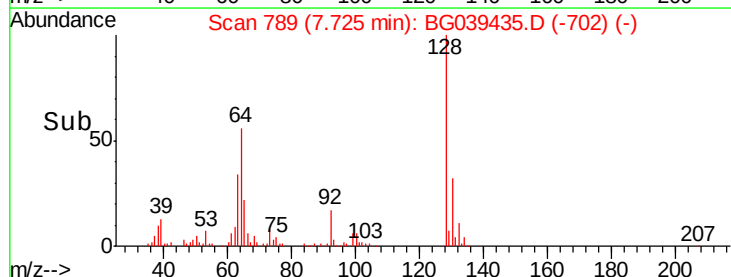
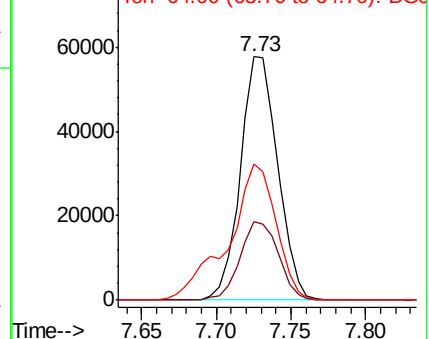


Abundance

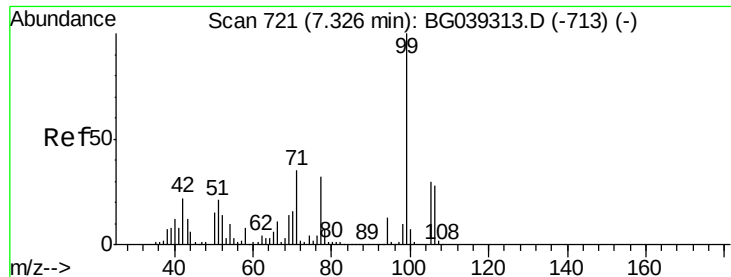
Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC



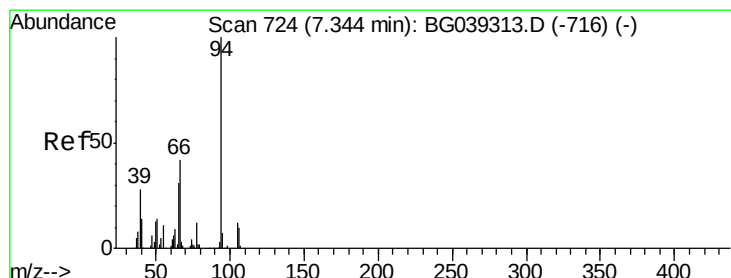
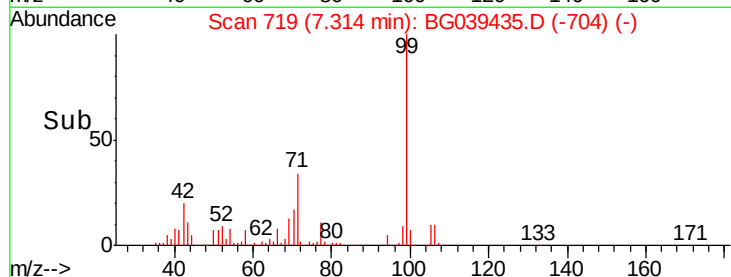
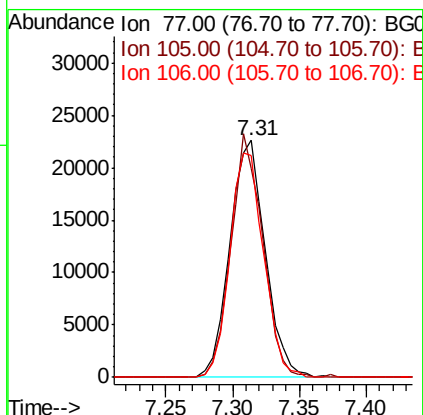
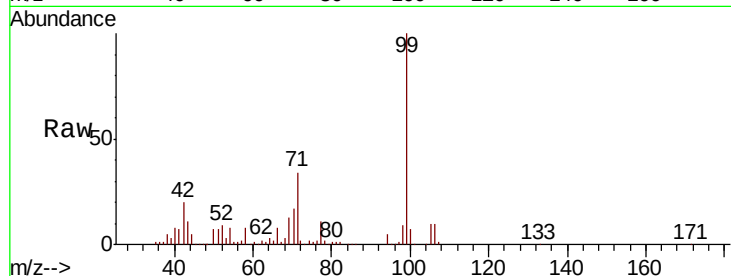




#9  
Benzaldehyde  
Concen: 16.058 ng  
RT: 7.31 min Scan# 719  
Delta R.T. -0.01 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

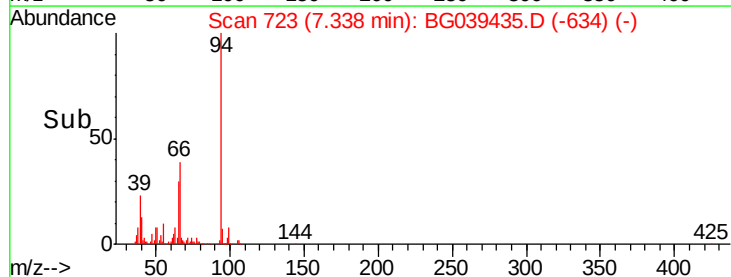
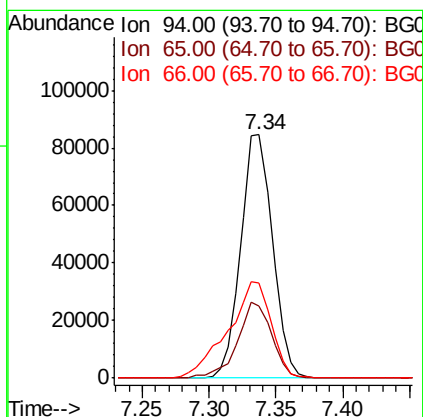
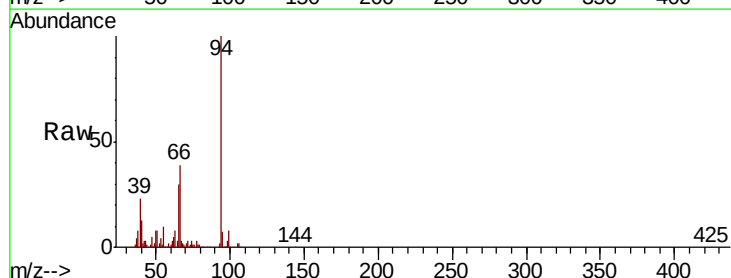
Instrument :  
BNA\_G  
ClientSampleId :  
PB116987BS

Tgt Ion: 77 Resp: 41645  
Ion Ratio Lower Upper  
77 100  
105 88.1 74.5 114.5  
106 93.4 68.0 108.0

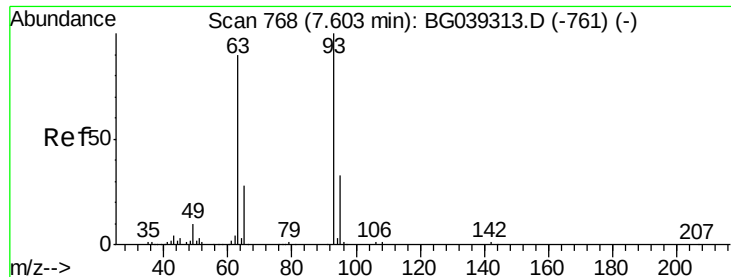


#10  
Phenol  
Concen: 31.443 ng  
RT: 7.34 min Scan# 723  
Delta R.T. -0.01 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

Tgt Ion: 94 Resp: 139543  
Ion Ratio Lower Upper  
94 100  
65 29.8 11.7 51.7  
66 39.1 23.7 63.7



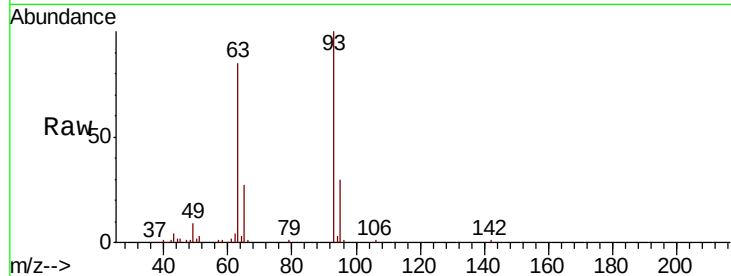




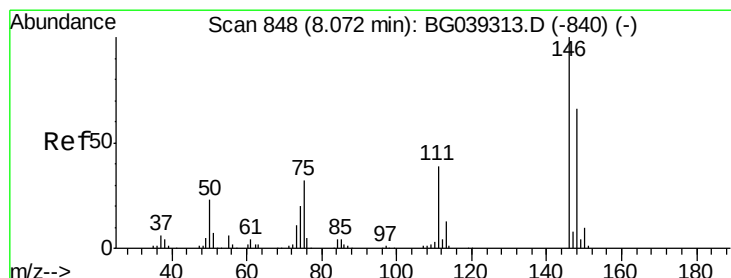
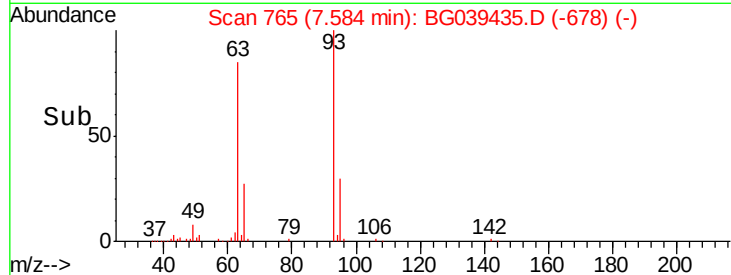
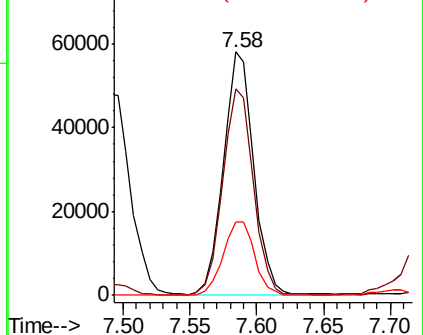
#11  
 bis(2-Chloroethyl)ether  
 Concen: 26.501 ng  
 RT: 7.58 min Scan# 765  
 Delta R.T. -0.02 min  
 Lab File: BG039435.D  
 Acq: 11 Feb 2019 15:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116987BS

Tgt Ion: 93 Resp: 92936  
 Ion Ratio Lower Upper  
 93 100  
 63 84.6 69.5 109.5  
 95 30.3 12.7 52.7

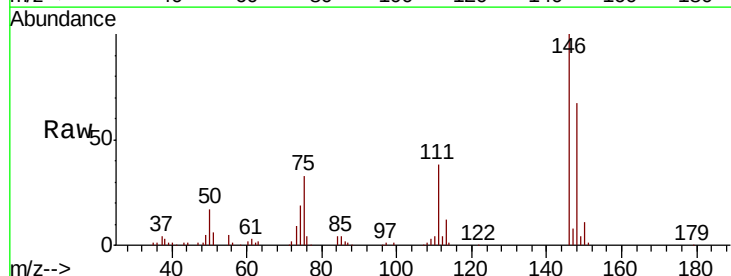


Abundance Ion 93.00 (92.70 to 93.70): BGC  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 95.00 (94.70 to 95.70): BGC

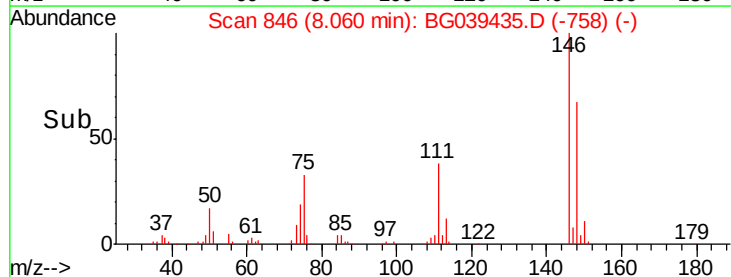
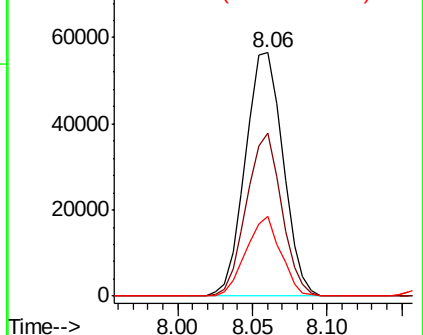


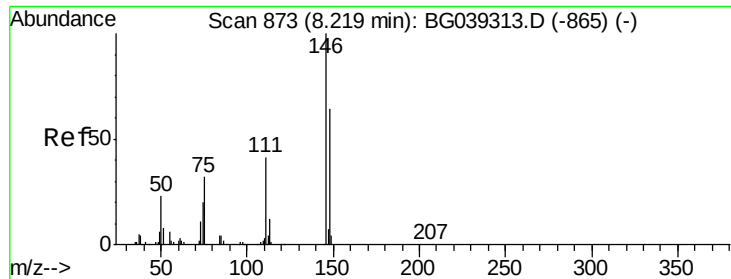
#12  
 1,3-Dichlorobenzene  
 Concen: 25.832 ng  
 RT: 8.06 min Scan# 846  
 Delta R.T. -0.01 min  
 Lab File: BG039435.D  
 Acq: 11 Feb 2019 15:35

Tgt Ion: 146 Resp: 98936  
 Ion Ratio Lower Upper  
 146 100  
 148 67.1 52.6 79.0  
 75 32.7 25.8 38.6



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

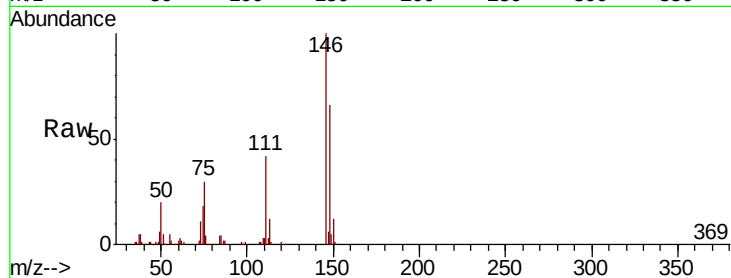




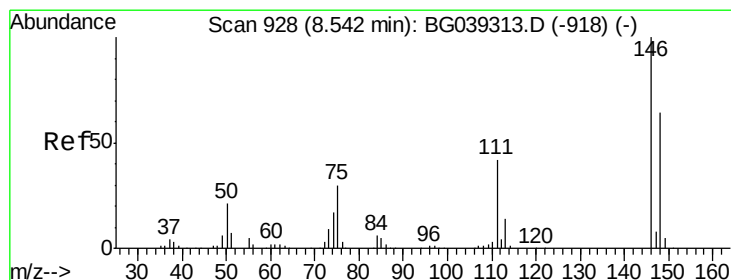
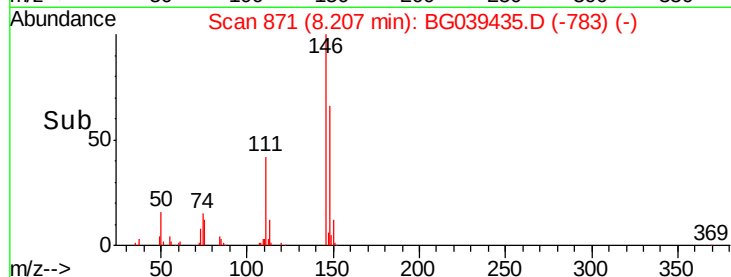
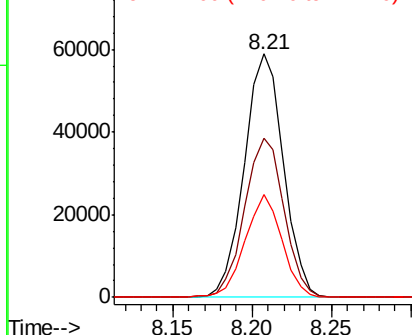
#13  
 1,4-Dichlorobenzene  
 Concen: 26.398 ng  
 RT: 8.21 min Scan# 871  
 Delta R.T. -0.01 min  
 Lab File: BG039435.D  
 Acq: 11 Feb 2019 15:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116987BS

Tgt Ion:146 Resp: 100771  
 Ion Ratio Lower Upper  
 146 100  
 148 65.5 51.1 76.7  
 111 42.5 32.6 48.8

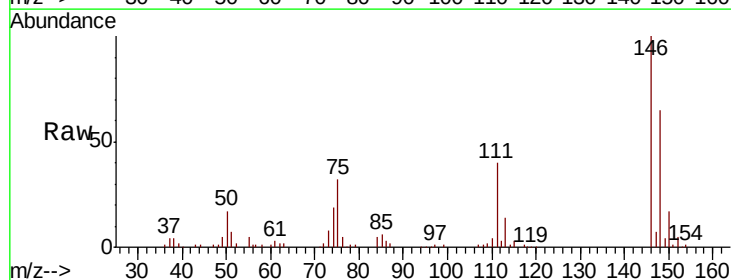


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

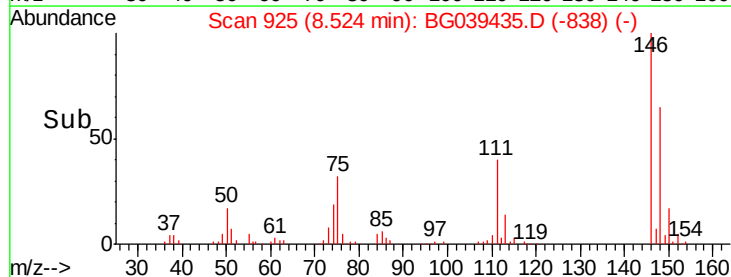
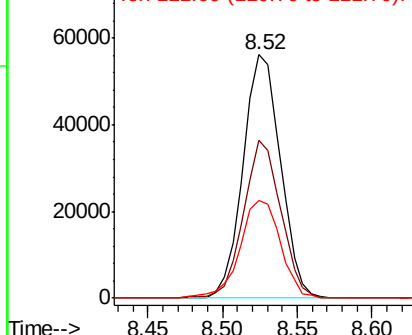


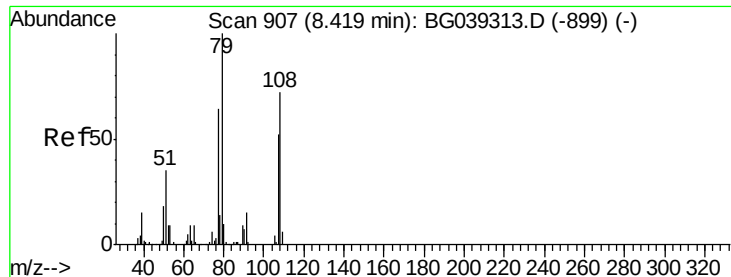
#14  
 1,2-Dichlorobenzene  
 Concen: 26.320 ng  
 RT: 8.52 min Scan# 925  
 Delta R.T. -0.02 min  
 Lab File: BG039435.D  
 Acq: 11 Feb 2019 15:35

Tgt Ion:146 Resp: 97266  
 Ion Ratio Lower Upper  
 146 100  
 148 65.0 51.5 77.3  
 111 40.3 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 28.371 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

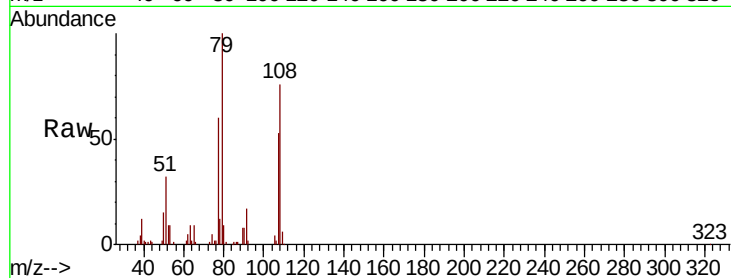
Tgt Ion: 79 Resp: 94826

Ion Ratio Lower Upper

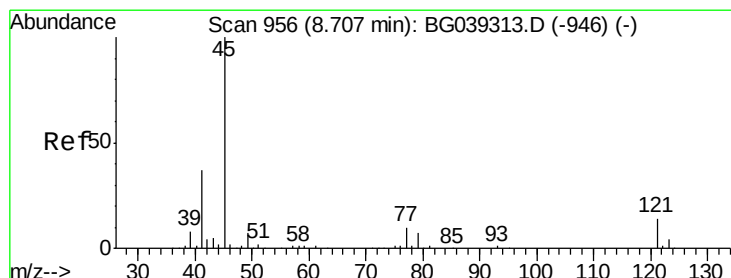
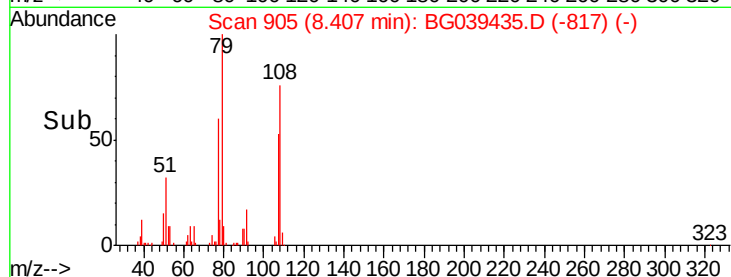
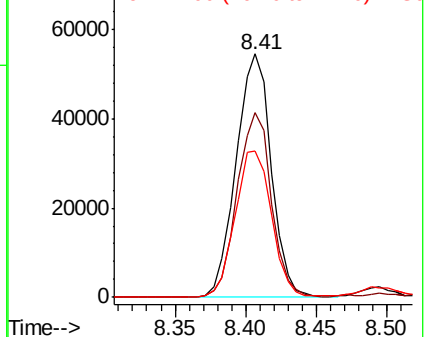
79 100

108 76.1 57.8 86.6

77 60.4 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: 22.498 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

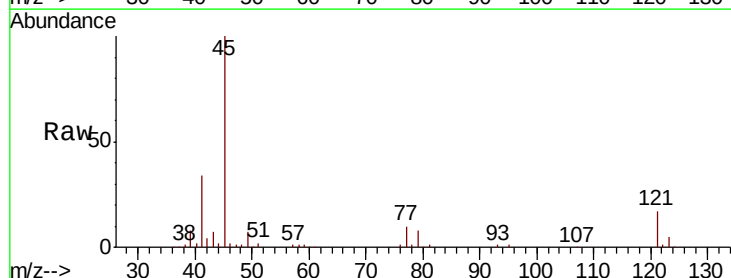
Tgt Ion: 45 Resp: 178171

Ion Ratio Lower Upper

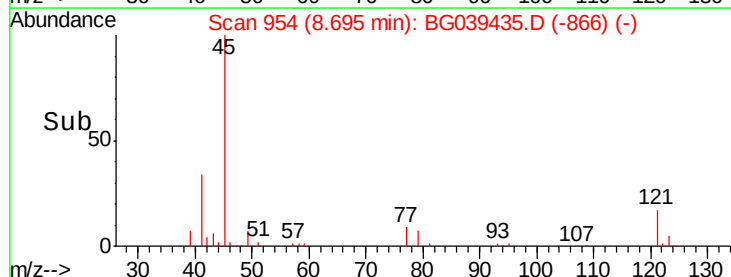
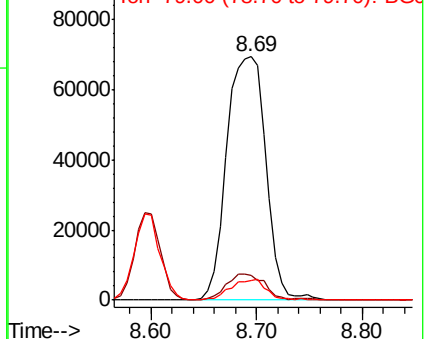
45 100

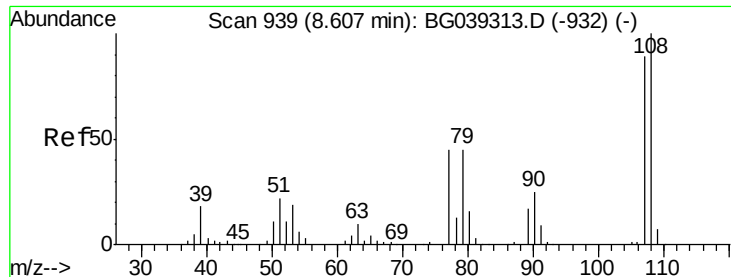
77 10.3 0.0 30.0

79 8.0 0.0 27.5



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

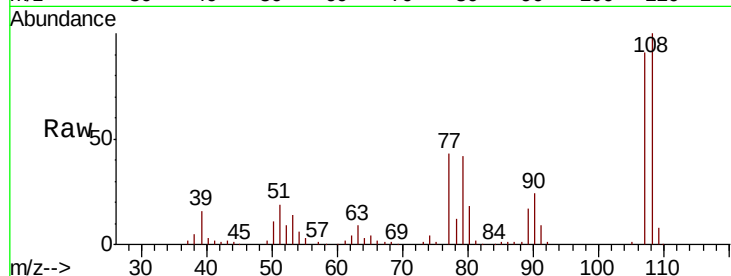




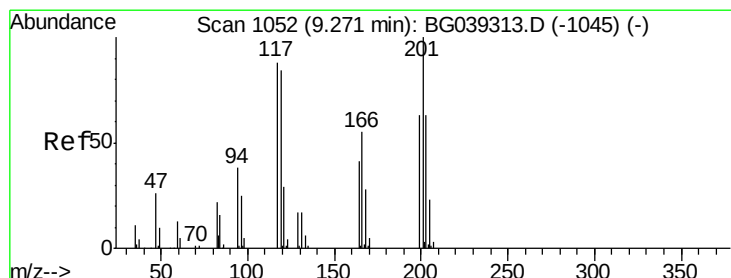
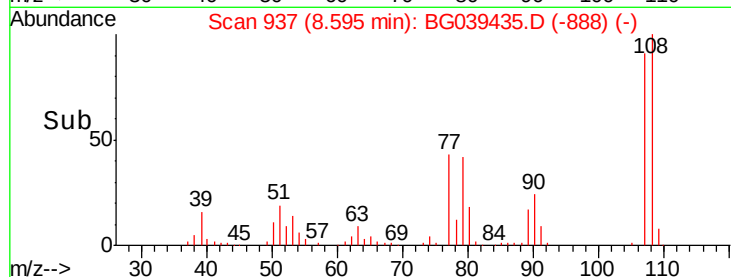
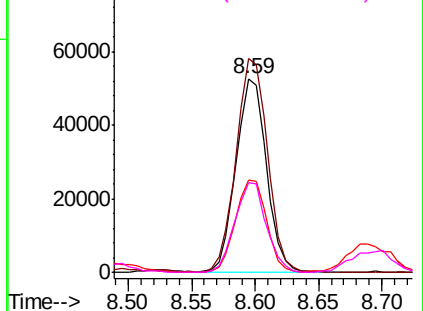
#17  
2-Methylphenol  
Concen: 30.561 ng  
RT: 8.59 min Scan# 937  
Delta R.T. -0.01 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB116987BS

Tgt Ion:107 Resp: 87770  
Ion Ratio Lower Upper  
107 100  
108 110.3 90.8 136.2  
77 47.7 40.7 61.1  
79 46.4 40.6 60.8

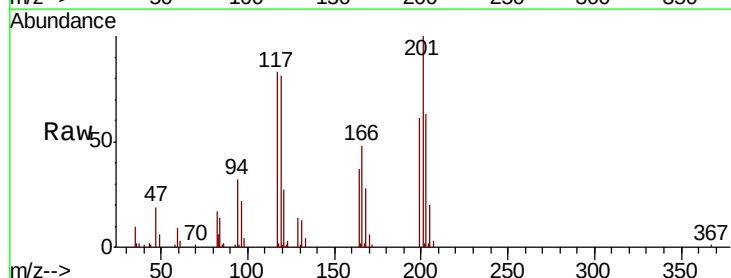


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

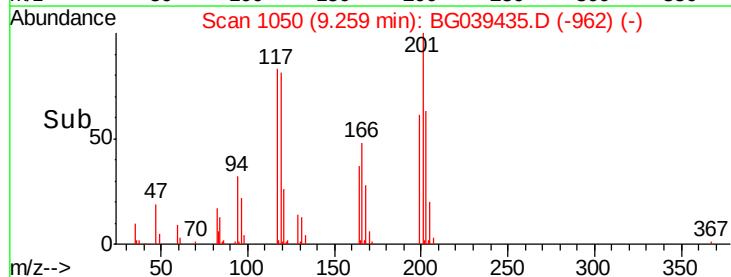
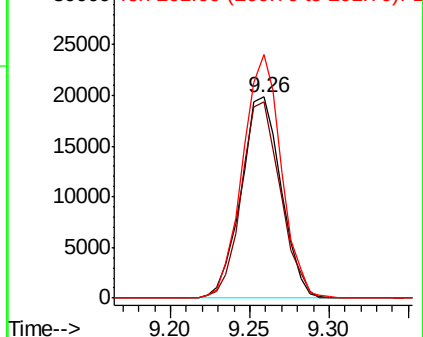


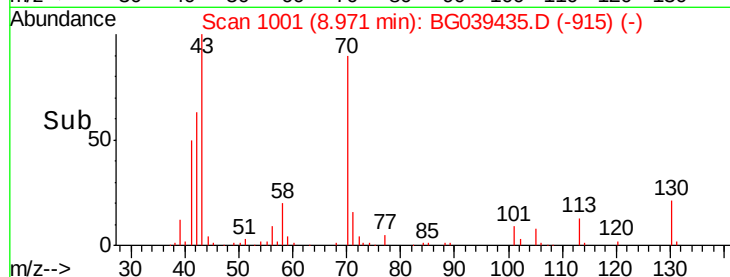
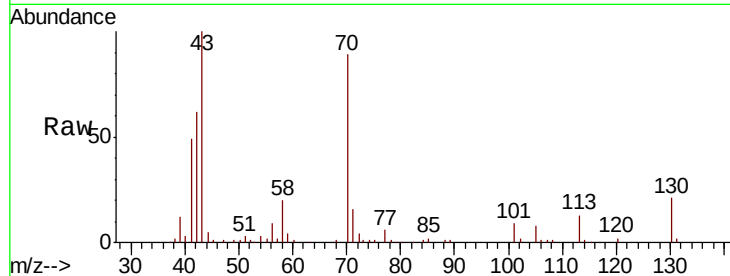
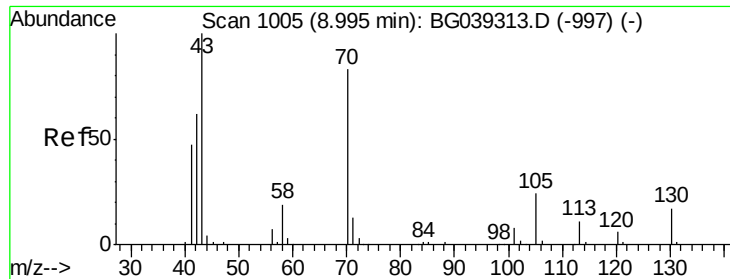
#18  
Hexachloroethane  
Concen: 26.433 ng  
RT: 9.26 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

Tgt Ion:117 Resp: 34716  
Ion Ratio Lower Upper  
117 100  
119 97.7 76.3 114.5  
201 121.0 91.1 136.7



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

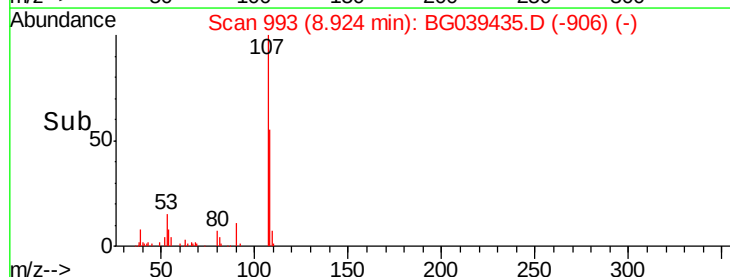
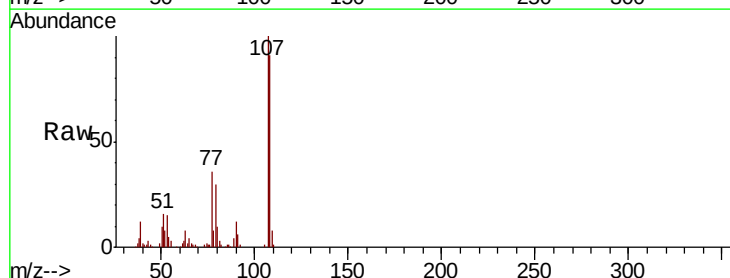
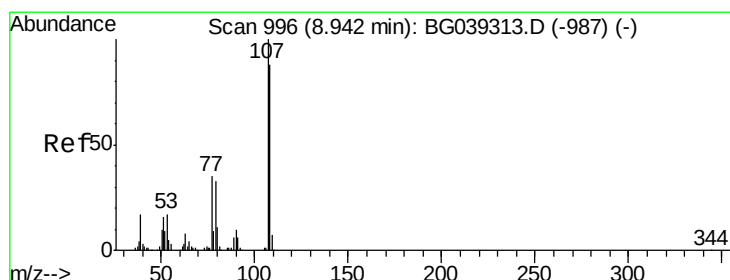
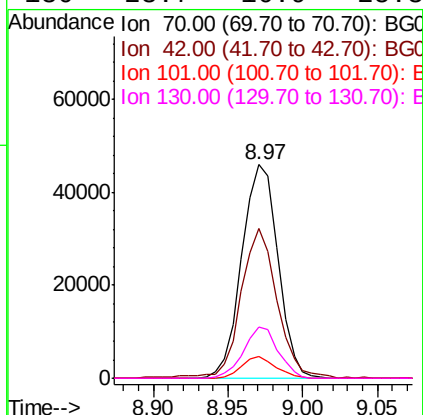




#19  
n-Nitroso-di-n-propylamine  
Concen: 25.491 ng  
RT: 8.97 min Scan# 1001  
Delta R.T. -0.02 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

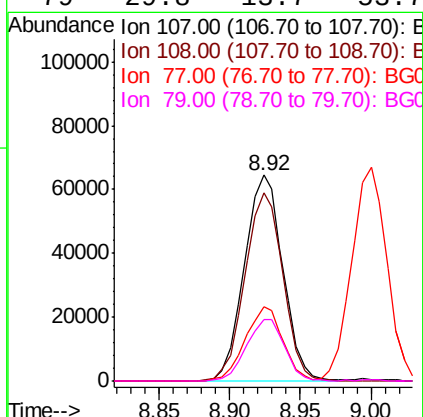
Instrument :  
BNA\_G  
ClientSampleId :  
PB116987BS

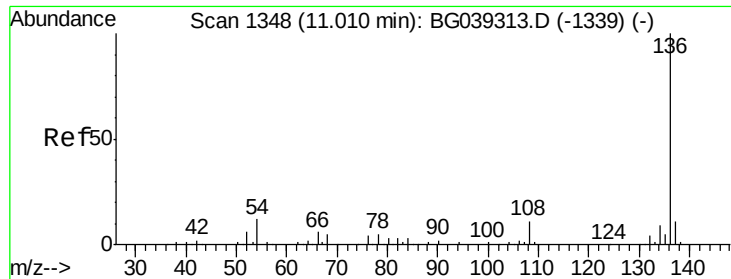
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 77027 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 70.1  | 60.4  | 90.6  |
| 101      | 10.0  | 7.5   | 11.3  |
| 130      | 23.7  | 16.9  | 25.3  |



#20  
3+4-Methylphenols  
Concen: 31.069 ng  
RT: 8.92 min Scan# 993  
Delta R.T. -0.02 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 122874 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 91.1  | 67.9  | 107.9  |
| 77       | 36.0  | 15.4  | 55.4   |
| 79       | 29.8  | 13.7  | 53.7   |

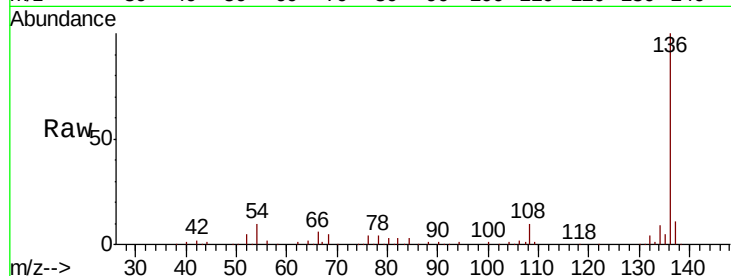




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.00 min Scan# 1346  
Delta R.T. -0.01 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB116987BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 228512 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 9.1   | 13.7   |
| 54       | 9.8   | 9.4   | 14.2   |
| 68       | 4.7   | 4.2   | 6.4    |



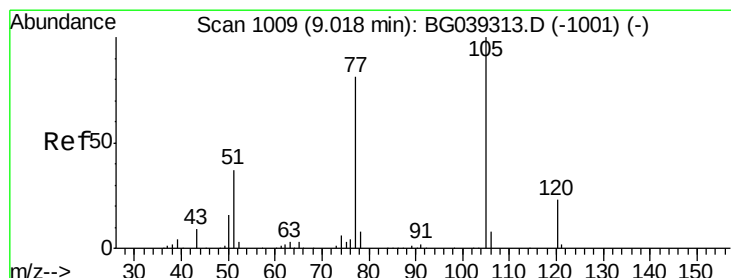
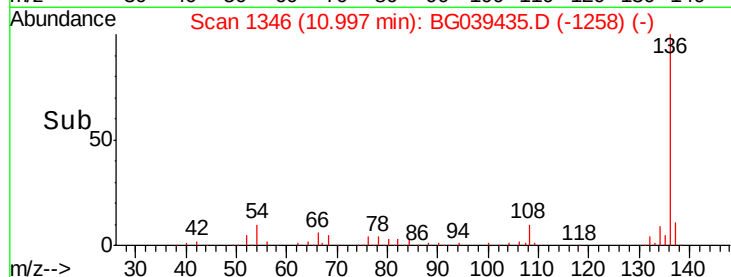
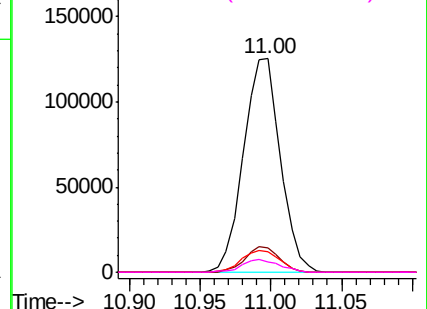
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

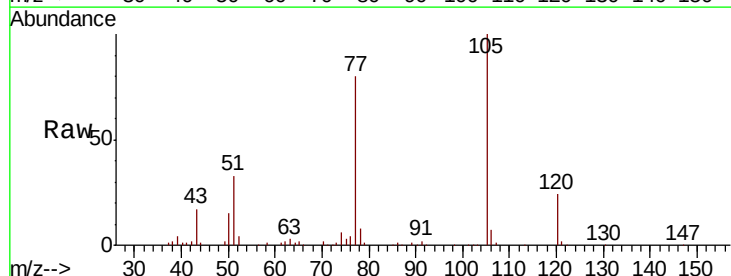
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 24.034 ng  
RT: 9.00 min Scan# 1006  
Delta R.T. -0.02 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 147524 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.4   | 0.8   | 1.2#   |
| 51       | 33.0  | 30.2  | 45.2   |
| 120      | 24.3  | 18.0  | 27.0   |



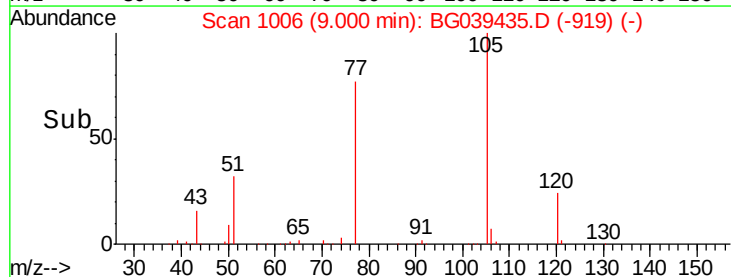
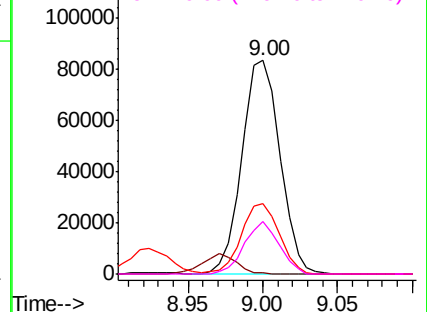
Abundance

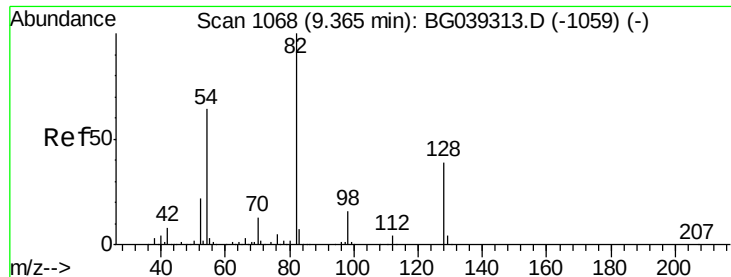
Ion 105.00 (104.70 to 105.70): E

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

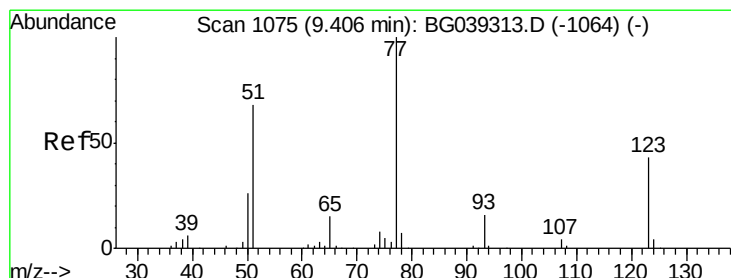
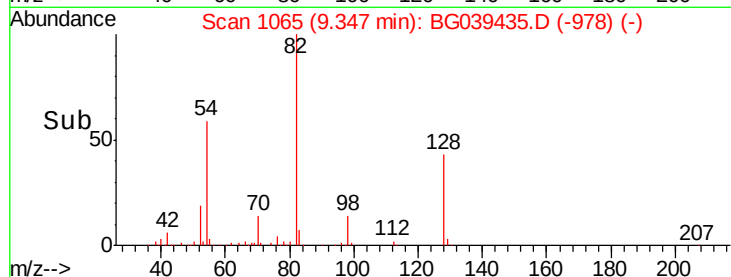
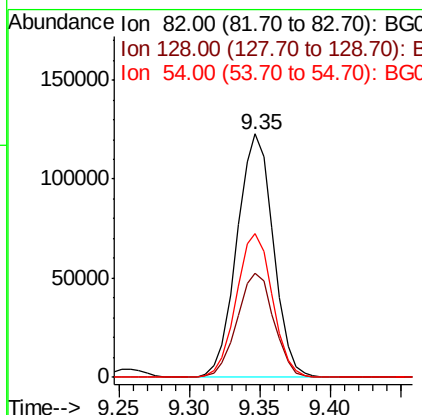
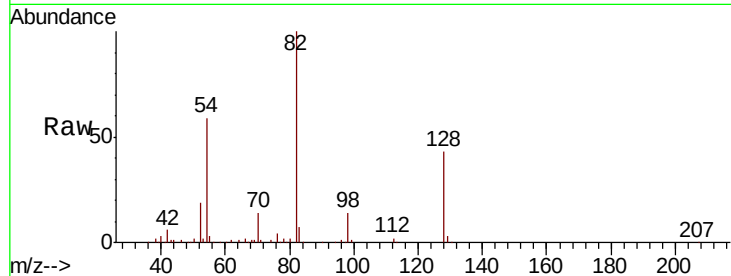




#23  
 Nitrobenzene-d5  
 Concen: 60.407 ng  
 RT: 9.35 min Scan# 1065  
 Delta R.T. -0.02 min  
 Lab File: BG039435.D  
 Acq: 11 Feb 2019 15:35

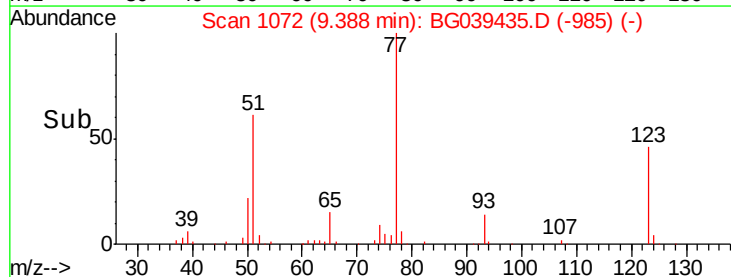
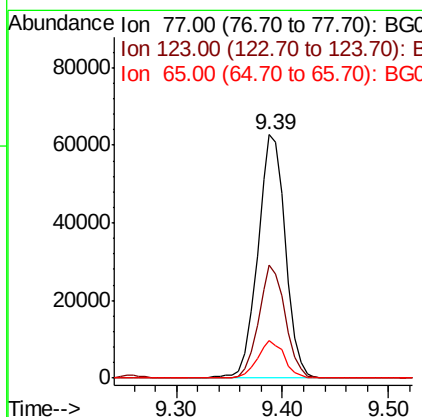
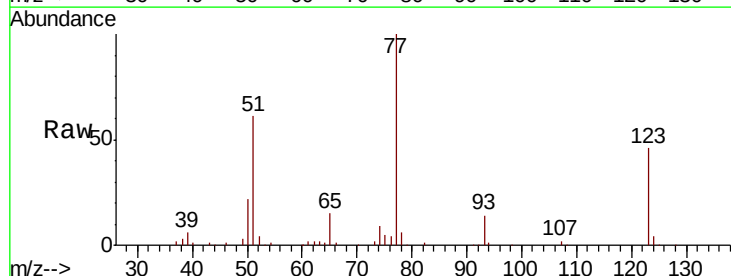
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116987BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.7  | 31.3  | 46.9  |
| 54      | 58.8  | 50.9  | 76.3  |

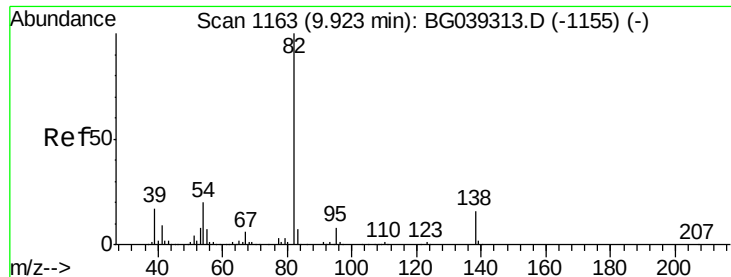


#24  
 Nitrobenzene  
 Concen: 28.722 ng  
 RT: 9.39 min Scan# 1072  
 Delta R.T. -0.02 min  
 Lab File: BG039435.D  
 Acq: 11 Feb 2019 15:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 46.5  | 34.1  | 51.1  |
| 65      | 15.2  | 12.3  | 18.5  |



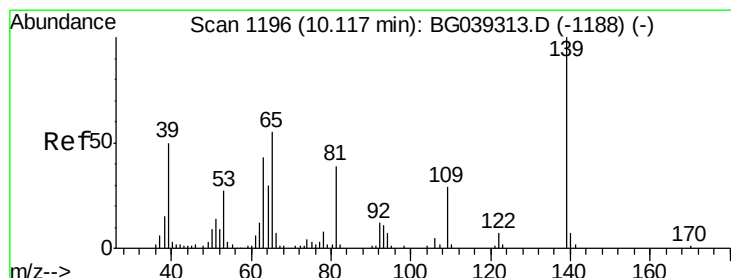
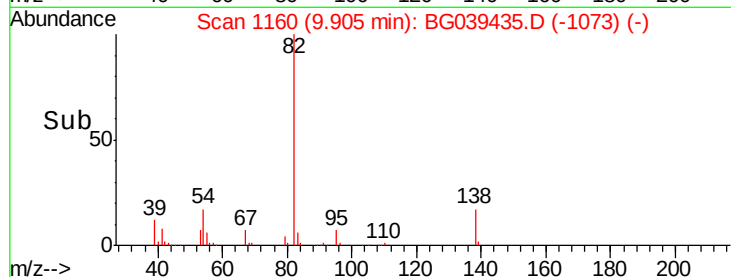
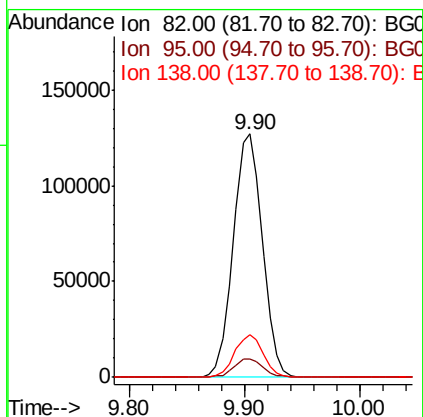
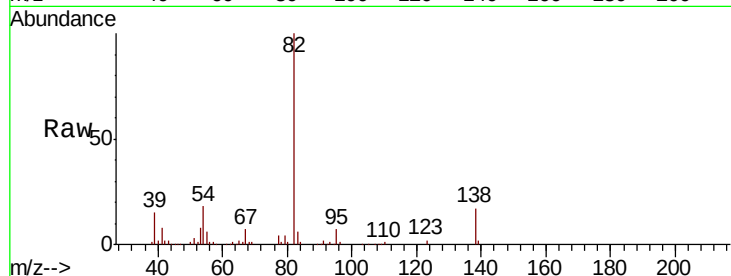




#25  
Isophorone  
Concen: 27.334 ng  
RT: 9.90 min Scan# 1160  
Delta R.T. -0.02 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

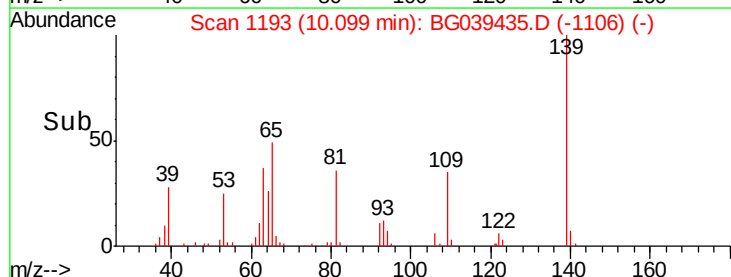
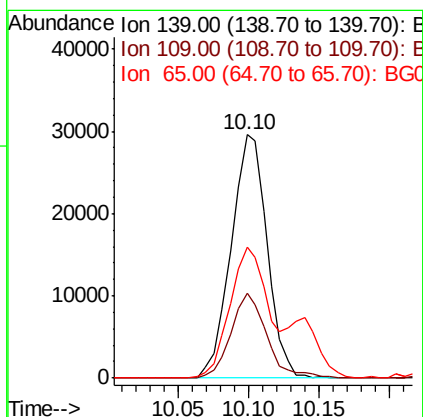
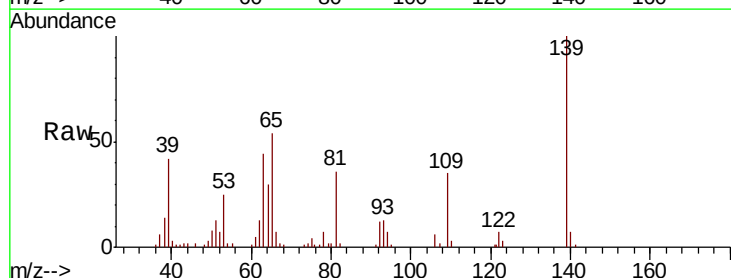
Instrument :  
BNA\_G  
ClientSampleId :  
PB116987BS

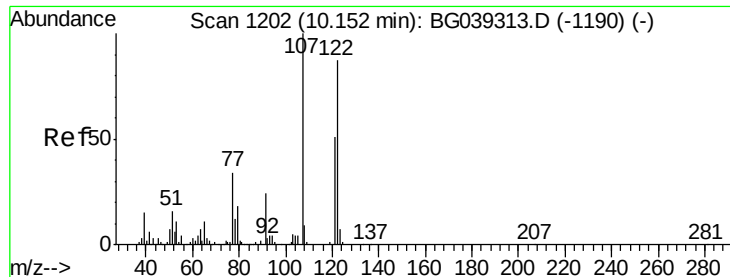
Tgt Ion: 82 Resp: 221559  
Ion Ratio Lower Upper  
82 100  
95 7.3 6.2 9.2  
138 17.4 13.0 19.4



#26  
2-Nitrophenol  
Concen: 37.013 ng  
RT: 10.10 min Scan# 1193  
Delta R.T. -0.02 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

Tgt Ion: 139 Resp: 52389  
Ion Ratio Lower Upper  
139 100  
109 34.7 23.4 35.0  
65 54.0 44.3 66.5

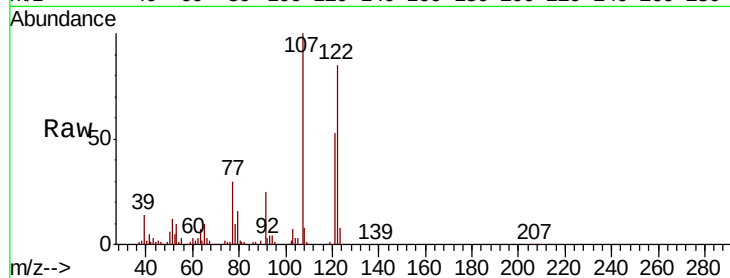




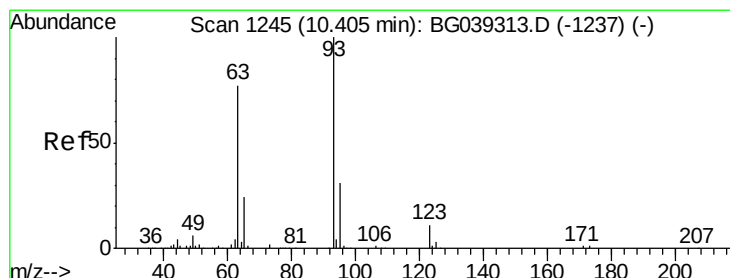
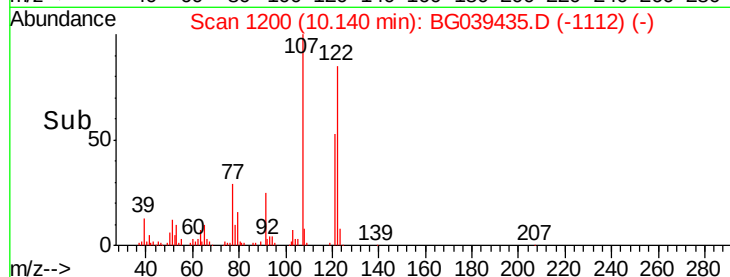
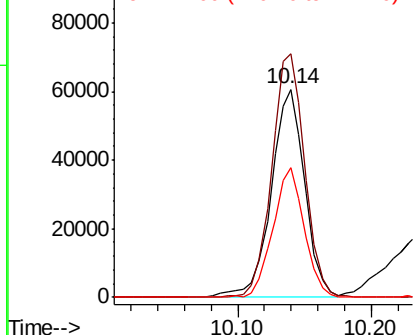
#27  
2,4-Dimethylphenol  
Concen: 32.303 ng  
RT: 10.14 min Scan# 1200  
Delta R.T. -0.01 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB116987BS

Tgt Ion: 122 Resp: 105921  
Ion Ratio Lower Upper  
122 100  
107 117.2 91.7 137.5  
121 62.2 46.4 69.6

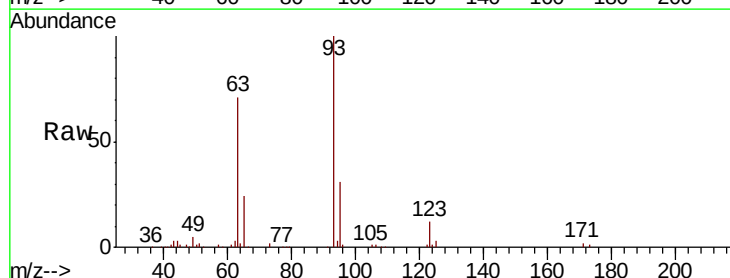


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

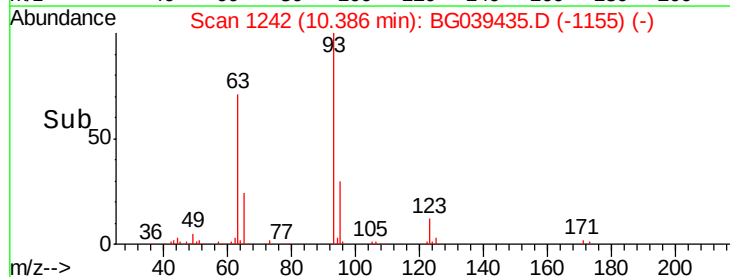
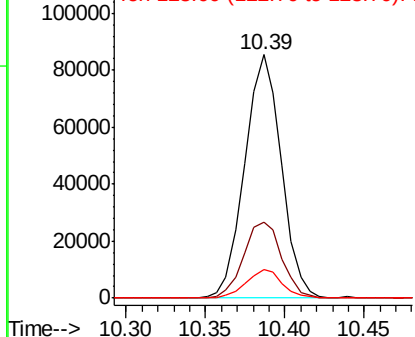


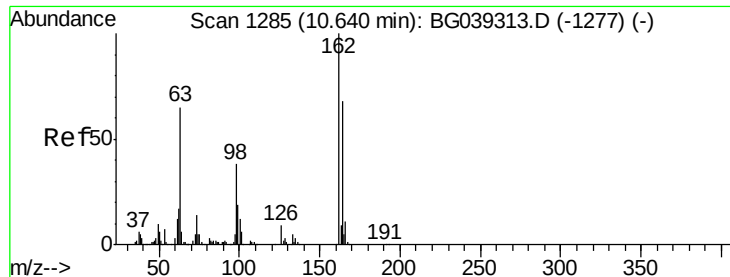
#28  
bis(2-Chloroethoxy)methane  
Concen: 27.376 ng  
RT: 10.39 min Scan# 1242  
Delta R.T. -0.02 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

Tgt Ion: 93 Resp: 136682  
Ion Ratio Lower Upper  
93 100  
95 31.0 25.0 37.4  
123 11.5 8.6 12.8



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 30.946 ng

RT: 10.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

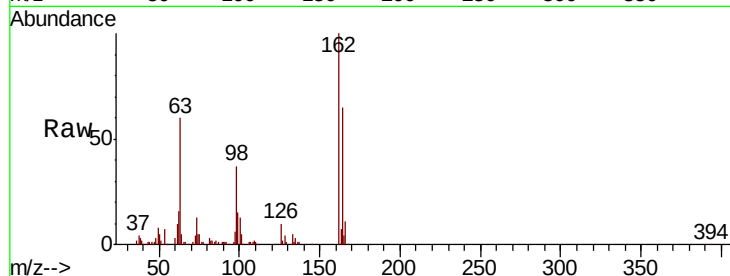
Tgt Ion:162 Resp: 110900

Ion Ratio Lower Upper

162 100

164 64.9 48.1 88.1

98 36.9 18.1 58.1

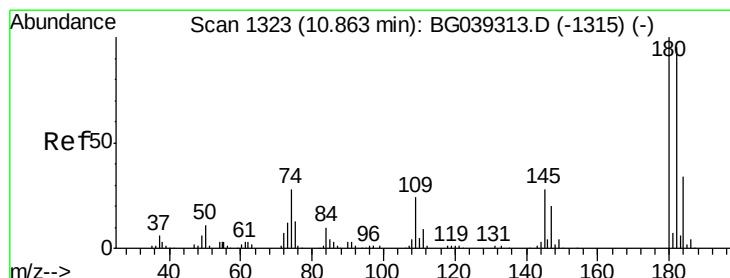
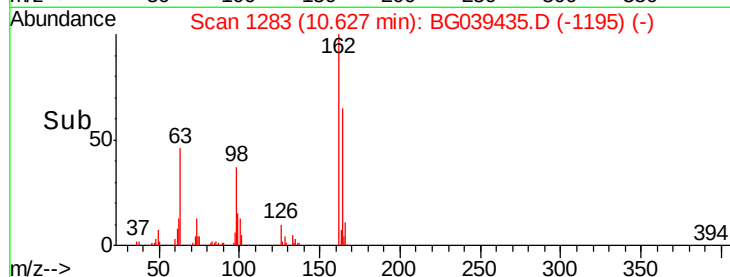
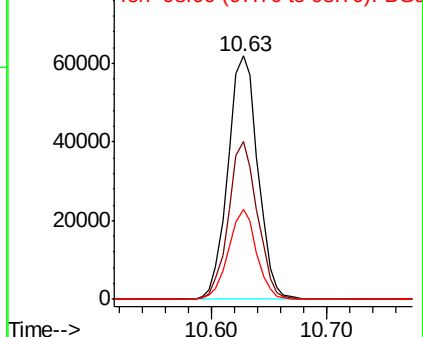


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 26.302 ng

RT: 10.84 min Scan# 1320

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

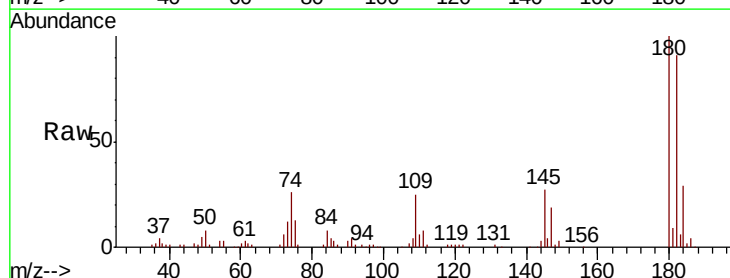
Tgt Ion:180 Resp: 105824

Ion Ratio Lower Upper

180 100

182 91.3 76.0 114.0

145 27.2 22.7 34.1

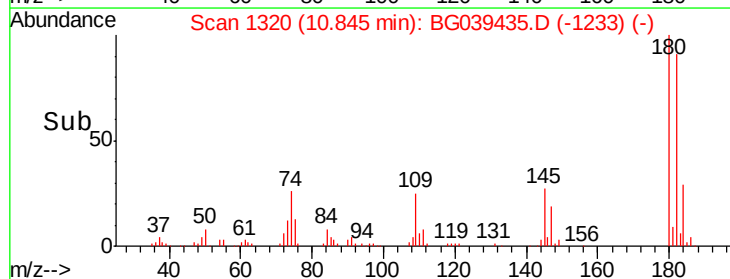
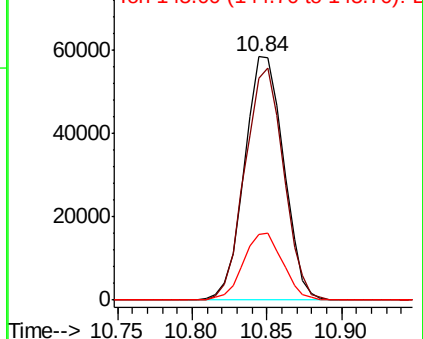


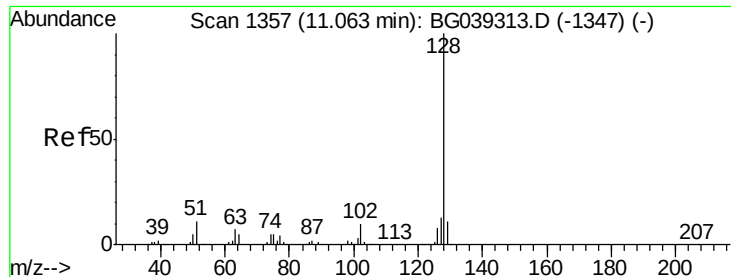
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

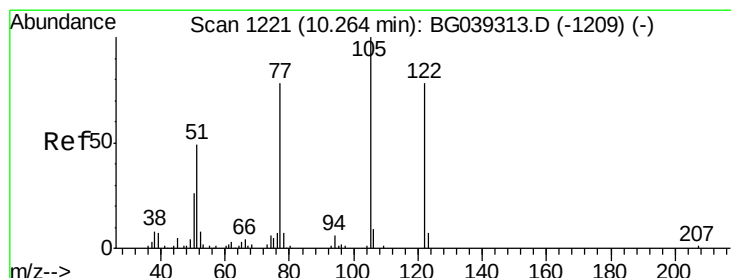
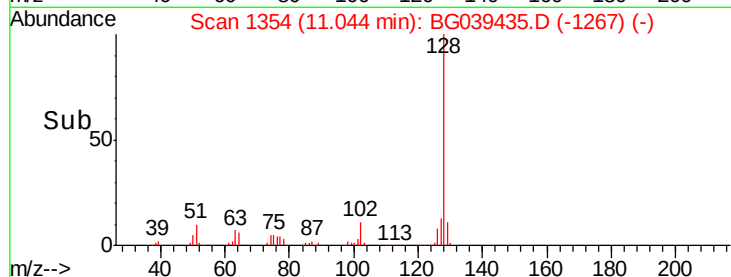
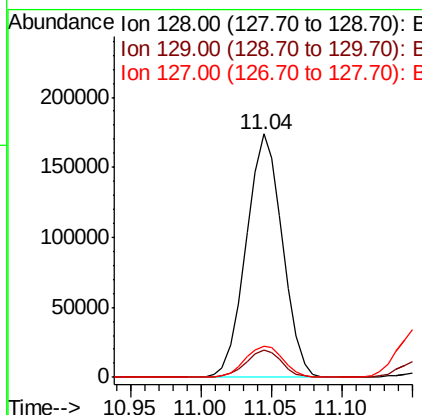
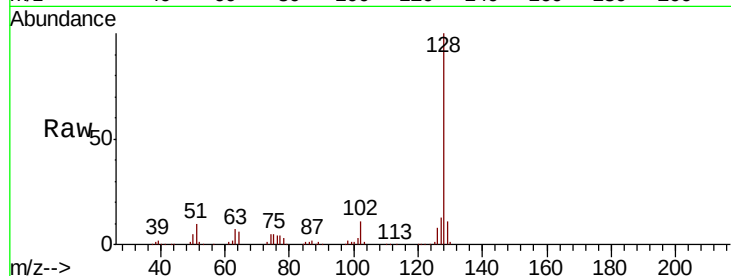




#31  
Naphthalene  
Concen: 27.572 ng  
RT: 11.04 min Scan# 1354  
Delta R.T. -0.02 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

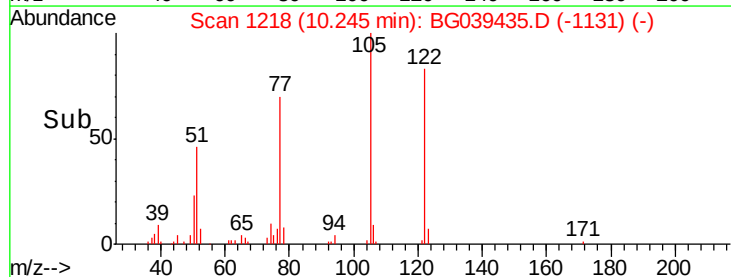
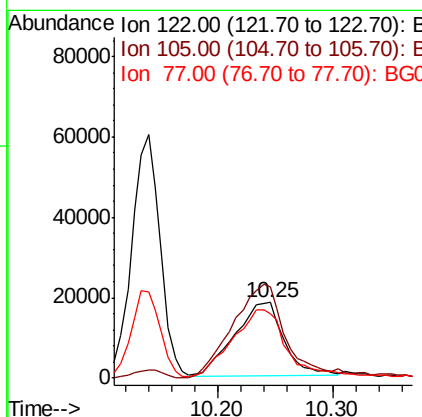
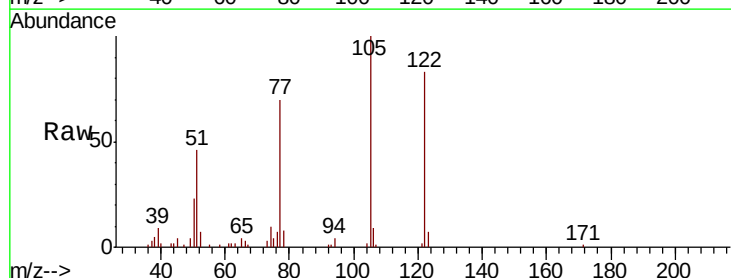
Instrument :  
BNA\_G  
ClientSampleId :  
PB116987BS

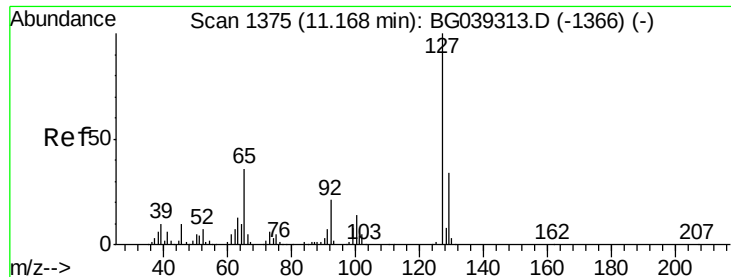
Tgt Ion:128 Resp: 312570  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.7 13.1  
127 13.0 10.8 16.2



#32  
Benzoic acid  
Concen: 29.685 ng  
RT: 10.25 min Scan# 1218  
Delta R.T. -0.02 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

Tgt Ion:122 Resp: 54637  
Ion Ratio Lower Upper  
122 100  
105 120.8 101.8 141.8  
77 85.0 76.3 116.3

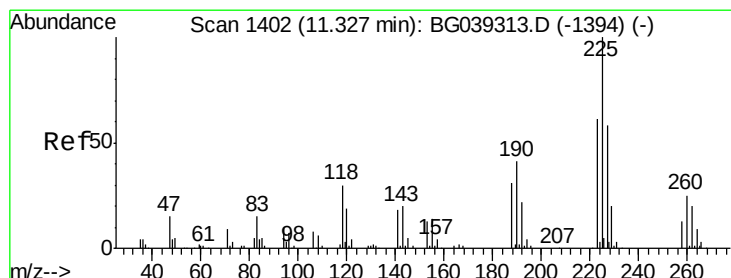
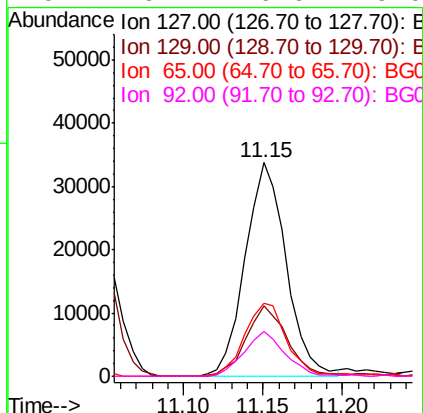
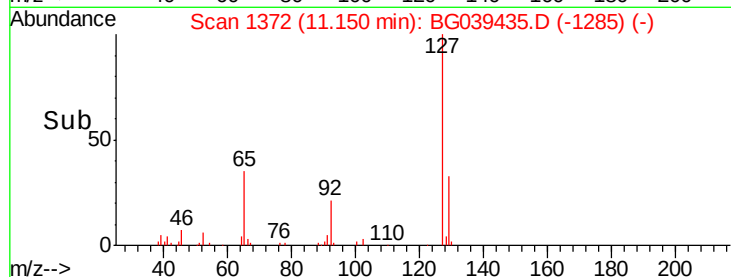
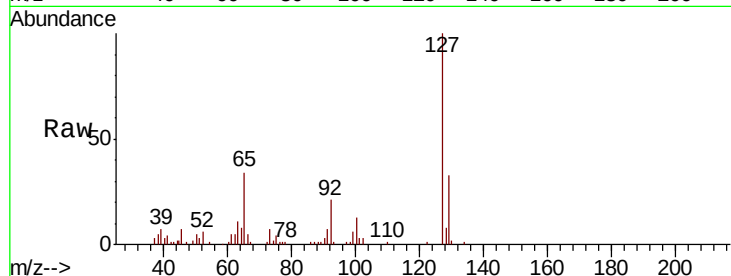




#33  
4-Chloroaniline  
Concen: 11.566 ng  
RT: 11.15 min Scan# 1372  
Delta R.T. -0.02 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

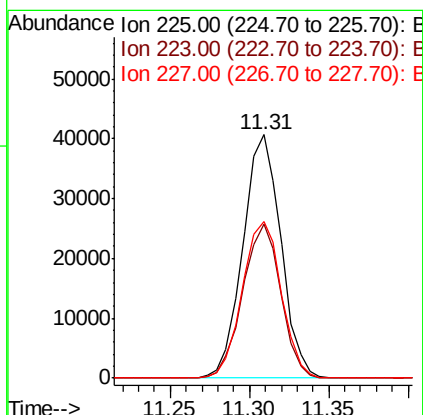
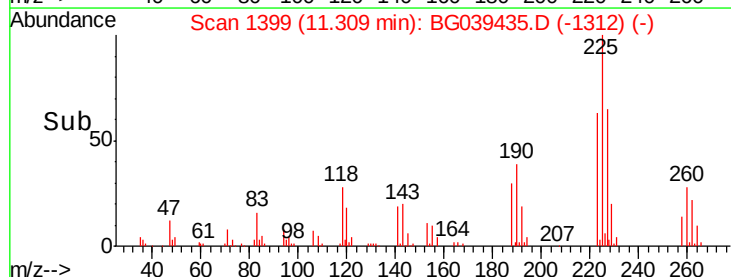
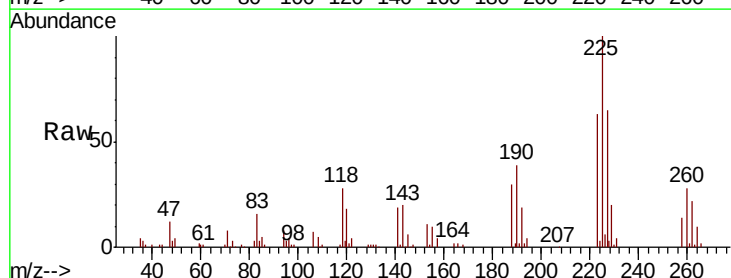
Instrument :  
BNA\_G  
ClientSampleId :  
PB116987BS

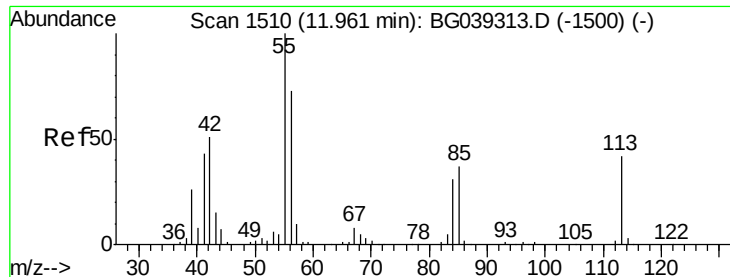
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 60793 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.7  | 27.0  | 40.4  |
| 65       | 33.9  | 28.8  | 43.2  |
| 92       | 20.7  | 16.6  | 25.0  |



#34  
Hexachlorobutadiene  
Concen: 25.291 ng  
RT: 11.31 min Scan# 1399  
Delta R.T. -0.02 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 67672 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.4  | 49.0  | 73.6  |
| 227      | 64.6  | 46.3  | 69.5  |





#35

Caprolactam

Concen: 18.686 ng

RT: 11.92 min Scan# 1503

Delta R.T. -0.04 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

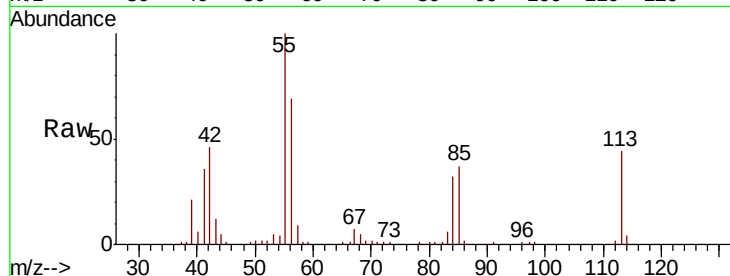
Tgt Ion:113 Resp: 27710

Ion Ratio Lower Upper

113 100

55 228.0 216.9 256.9

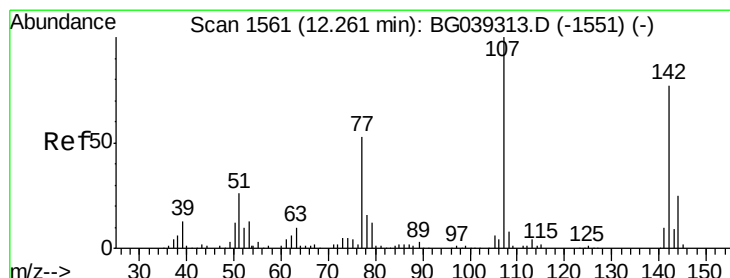
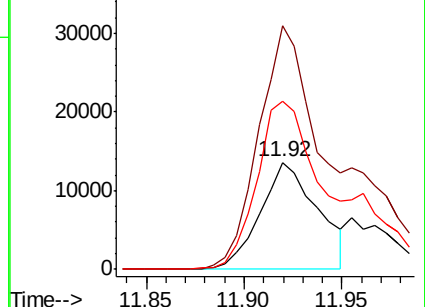
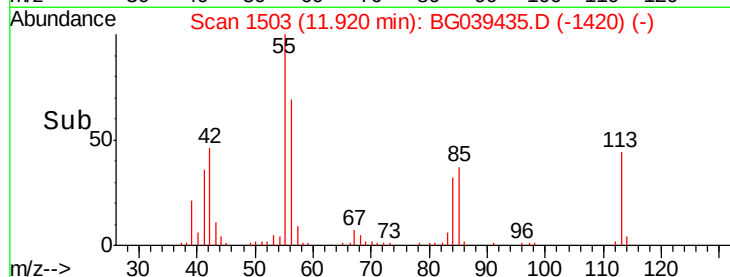
56 157.1 152.6 192.6



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: 29.112 ng

RT: 12.24 min Scan# 1558

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

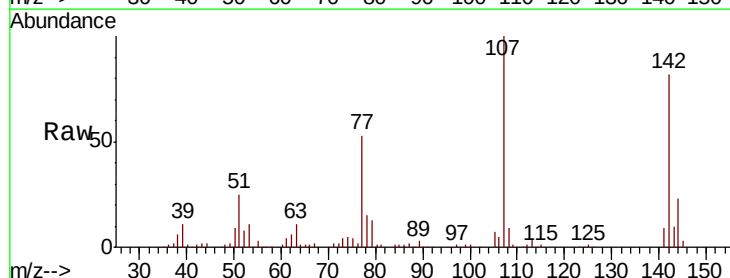
Tgt Ion:107 Resp: 120657

Ion Ratio Lower Upper

107 100

144 23.1 20.2 30.2

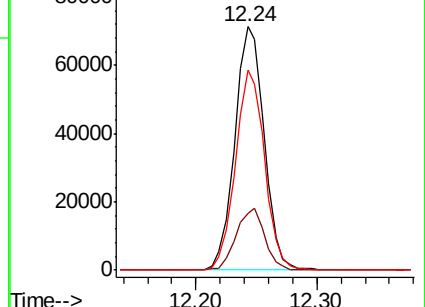
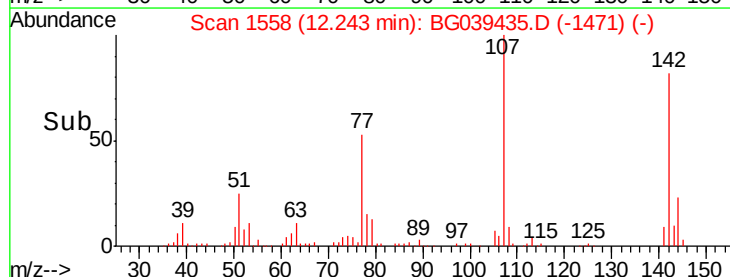
142 82.1 61.4 92.2

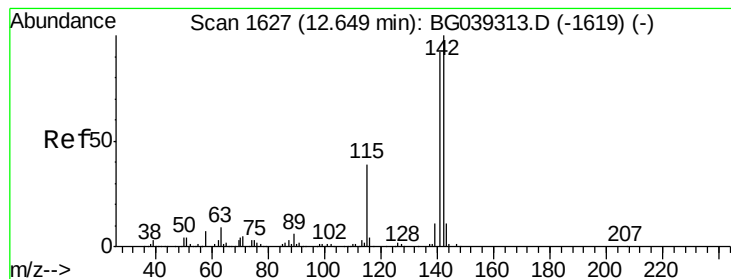


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 28.862 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

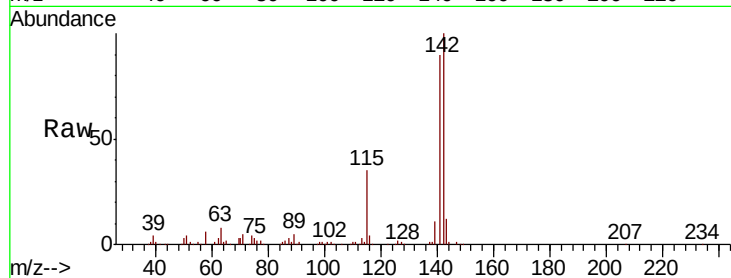
Tgt Ion:142 Resp: 242334

Ion Ratio Lower Upper

142 100

141 90.4 73.5 110.3

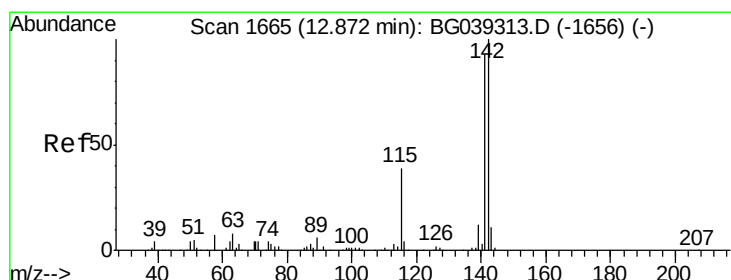
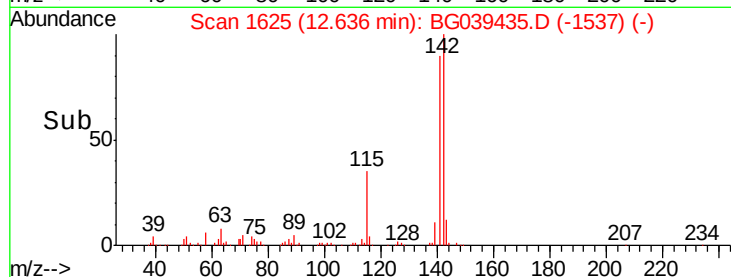
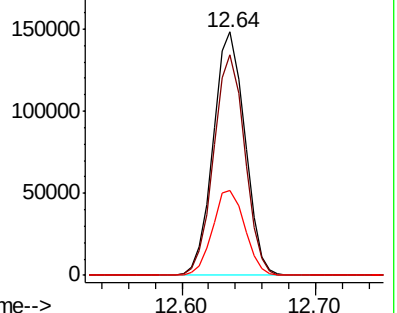
115 34.7 30.8 46.2



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: 28.962 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

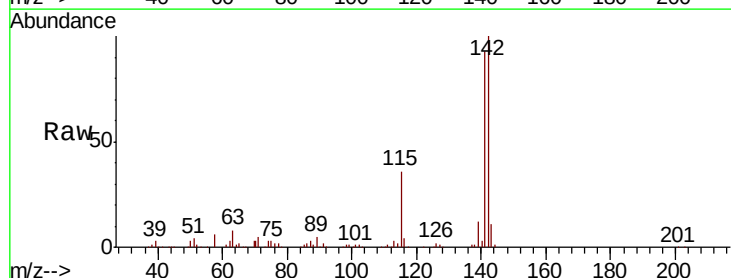
Tgt Ion:142 Resp: 234406

Ion Ratio Lower Upper

142 100

141 93.0 74.2 111.4

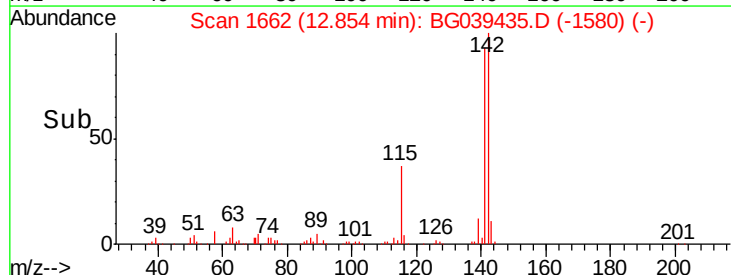
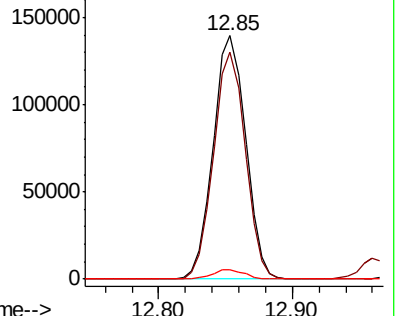
116 3.7 3.0 4.6

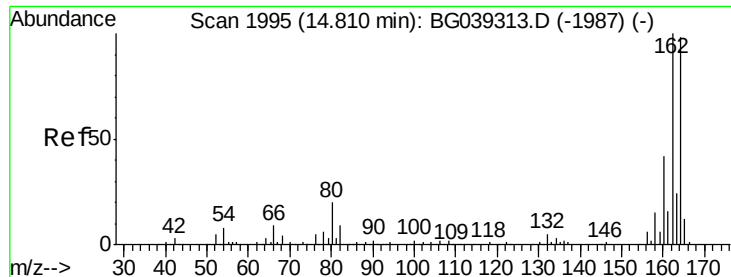


Abundance Ion 142.00 (141.70 to 142.70): E

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: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

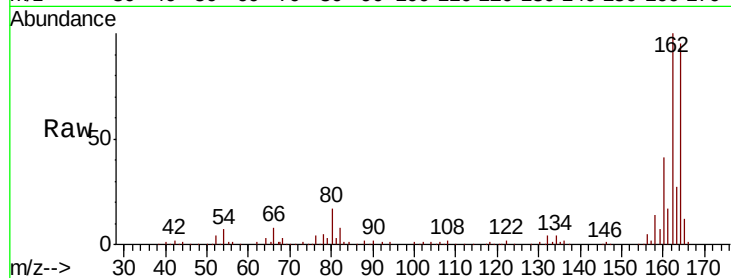
Tgt Ion:164 Resp: 160859

Ion Ratio Lower Upper

164 100

162 105.0 81.6 122.4

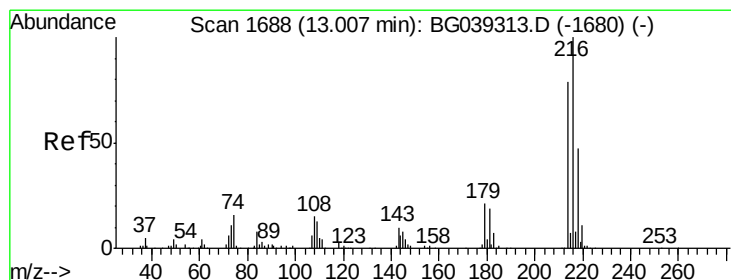
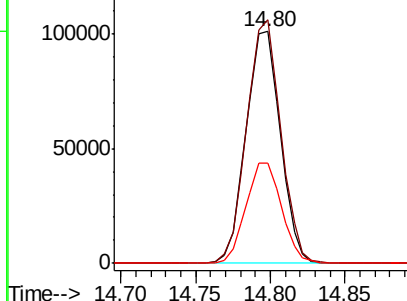
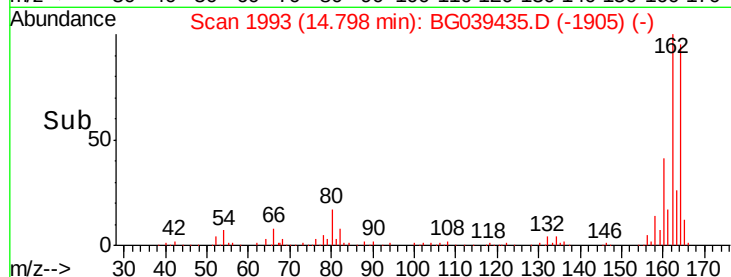
160 43.0 34.2 51.2



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: 25.520 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Tgt Ion:216 Resp: 130611

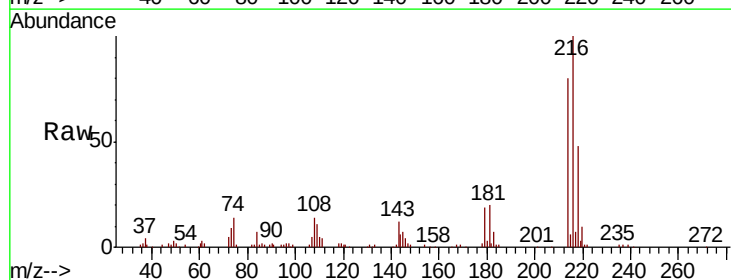
Ion Ratio Lower Upper

216 100

214 79.7 62.6 94.0

179 20.1 16.6 25.0

108 18.1 14.0 21.0

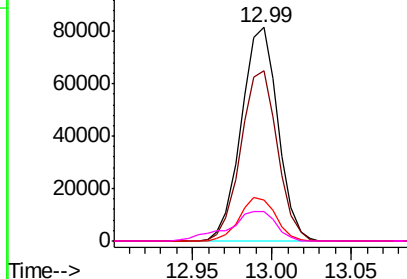
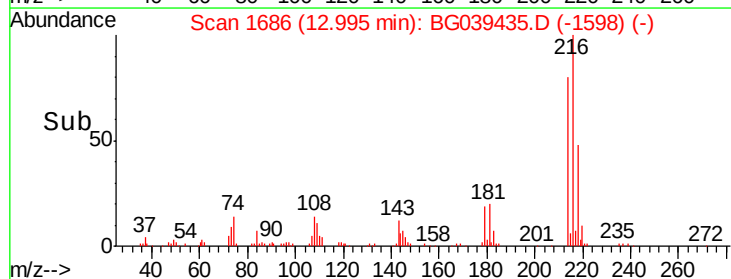


Abundance Ion 216.00 (215.70 to 216.70): E

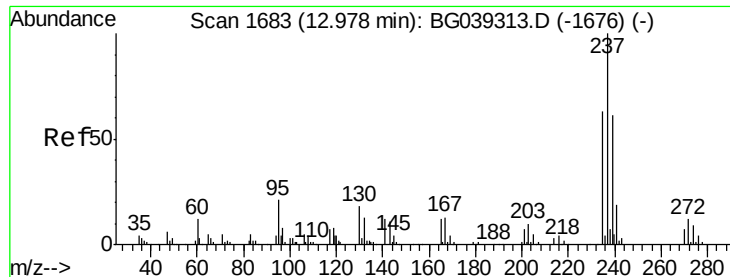
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 60.662 ng

RT: 12.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

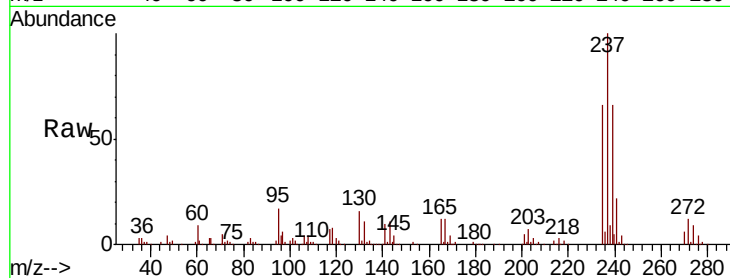
Tgt Ion:237 Resp: 169181

Ion Ratio Lower Upper

237 100

235 66.5 43.3 83.3

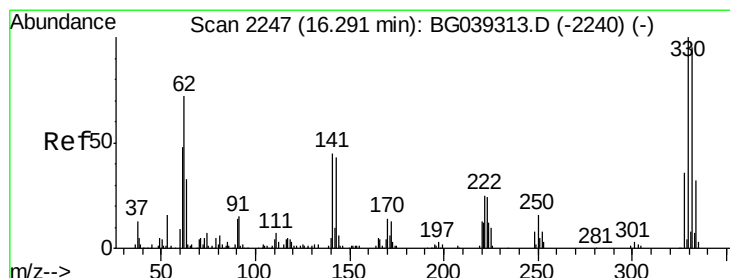
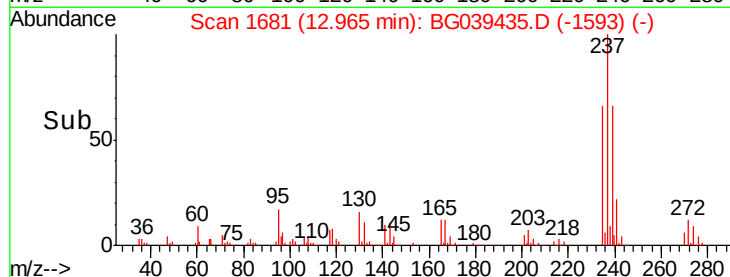
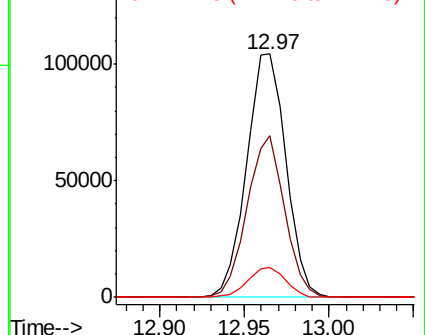
272 12.4 0.0 32.3



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: 92.080 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

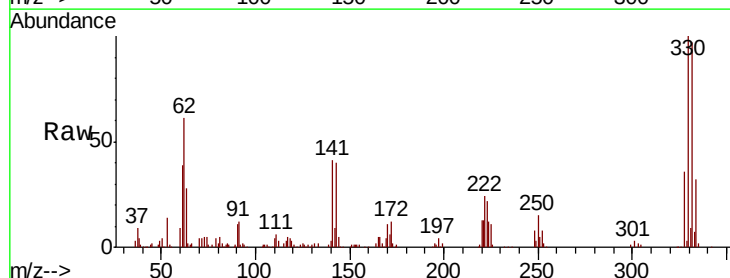
Tgt Ion:330 Resp: 159498

Ion Ratio Lower Upper

330 100

332 93.3 75.7 113.5

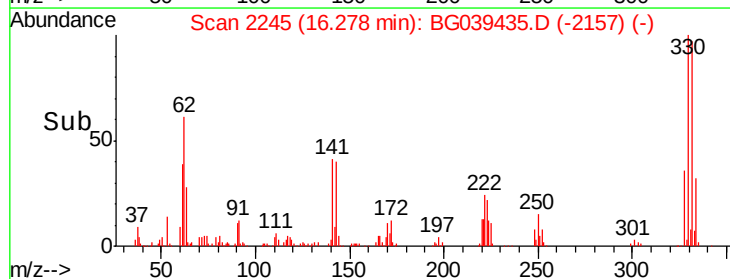
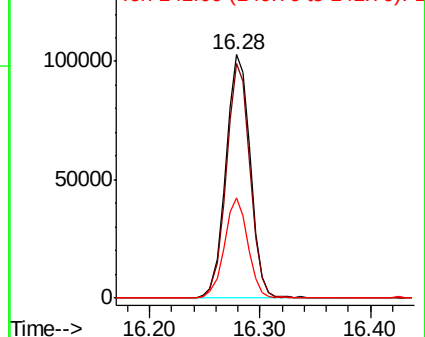
141 39.3 35.6 53.4

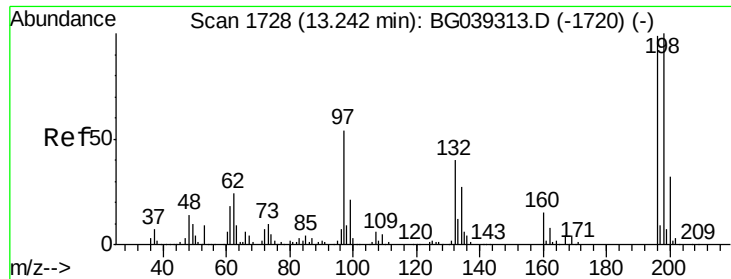


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

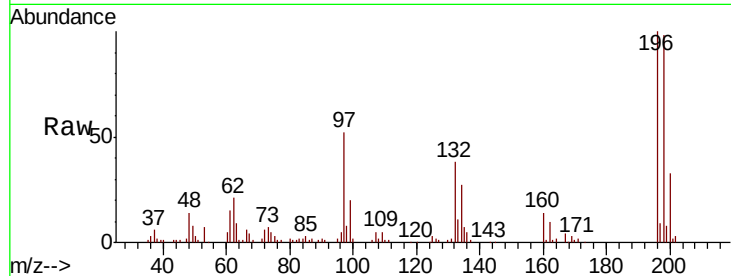




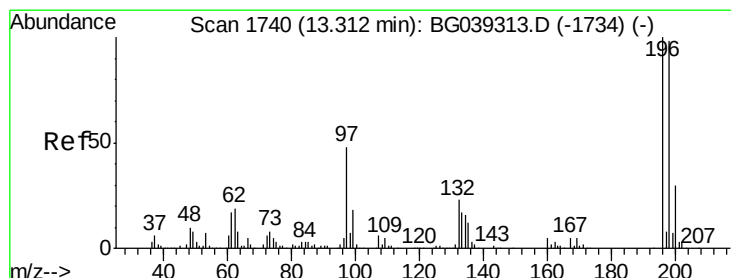
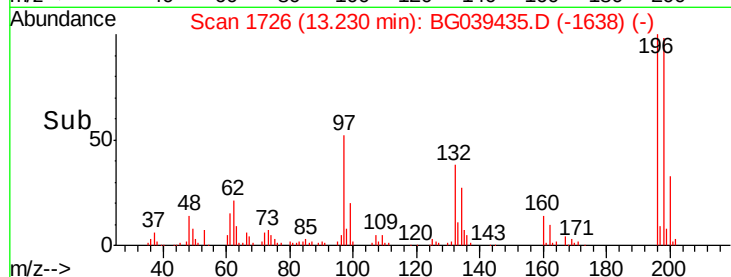
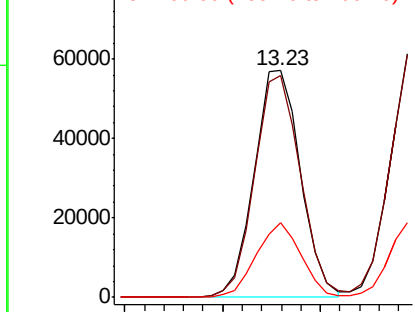
#43  
 2,4,6-Trichlorophenol  
 Concen: 29.725 ng  
 RT: 13.23 min Scan# 1726  
 Delta R.T. -0.01 min  
 Lab File: BG039435.D  
 Acq: 11 Feb 2019 15:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116987BS

Tgt Ion:196 Resp: 93541  
 Ion Ratio Lower Upper  
 196 100  
 198 97.8 80.6 121.0  
 200 33.1 26.1 39.1

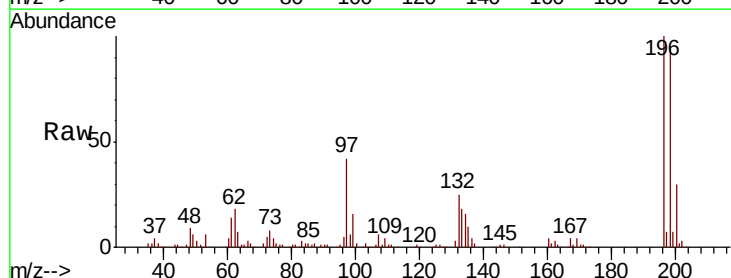


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

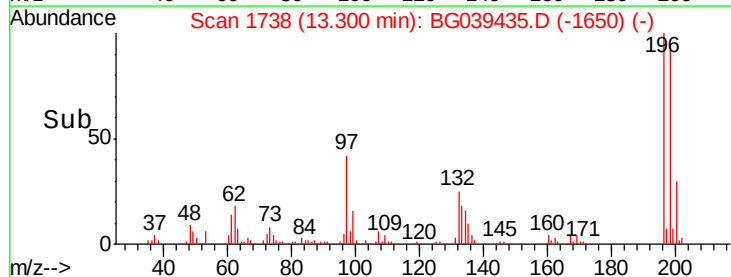
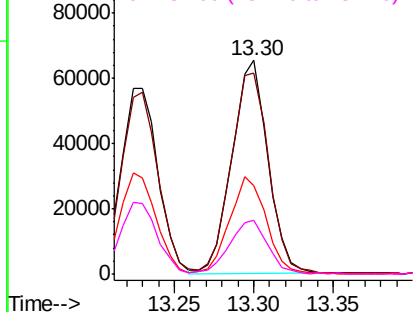


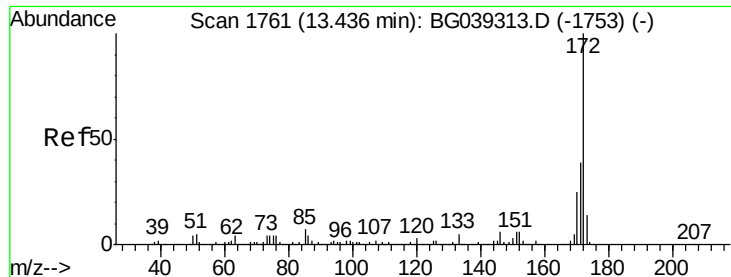
#44  
 2,4,5-Trichlorophenol  
 Concen: 31.047 ng  
 RT: 13.30 min Scan# 1738  
 Delta R.T. -0.01 min  
 Lab File: BG039435.D  
 Acq: 11 Feb 2019 15:35

Tgt Ion:196 Resp: 102399  
 Ion Ratio Lower Upper  
 196 100  
 198 94.1 78.5 117.7  
 97 41.6 38.4 57.6  
 132 25.1 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

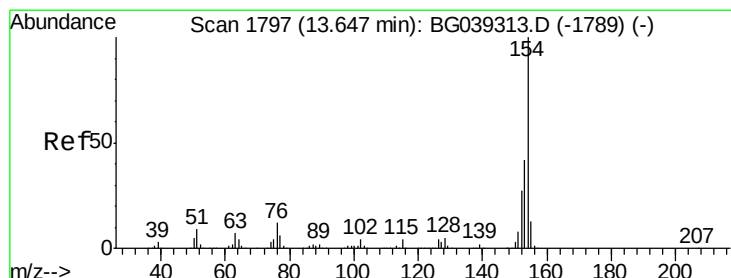
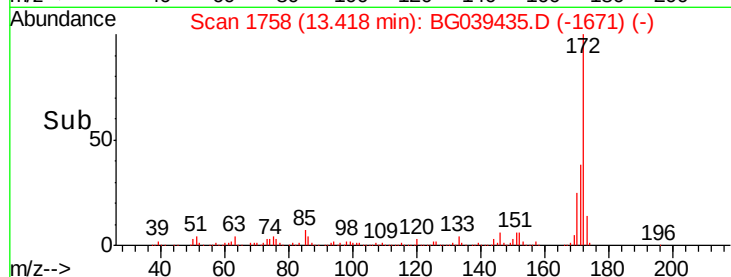
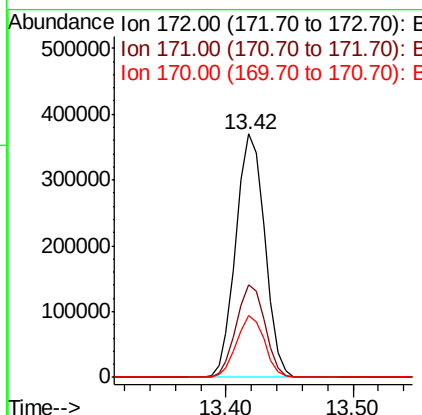
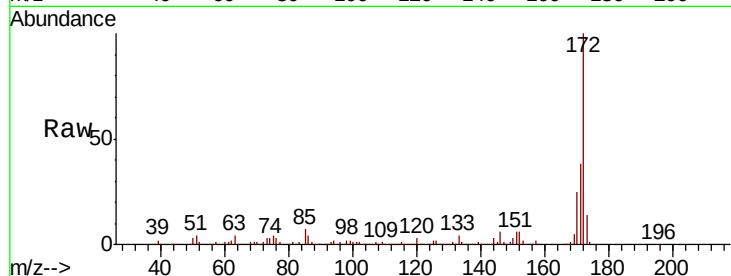




#45  
 2-Fluorobiphenyl  
 Concen: 52.079 ng  
 RT: 13.42 min Scan# 1758  
 Delta R.T. -0.02 min  
 Lab File: BG039435.D  
 Acq: 11 Feb 2019 15:35

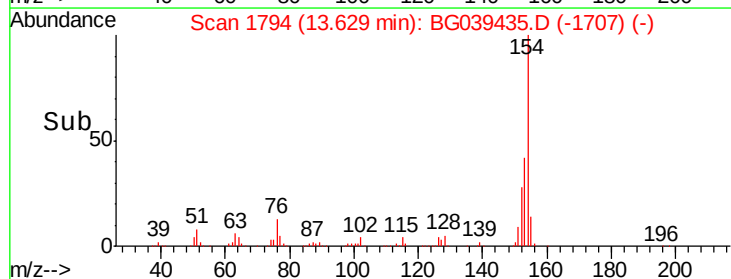
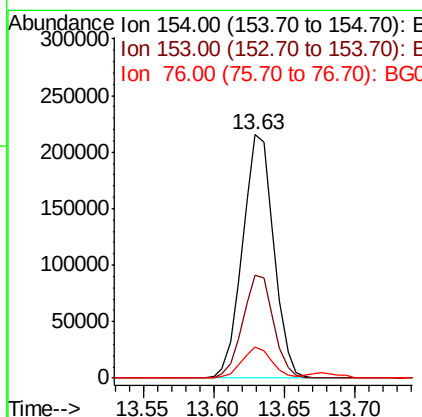
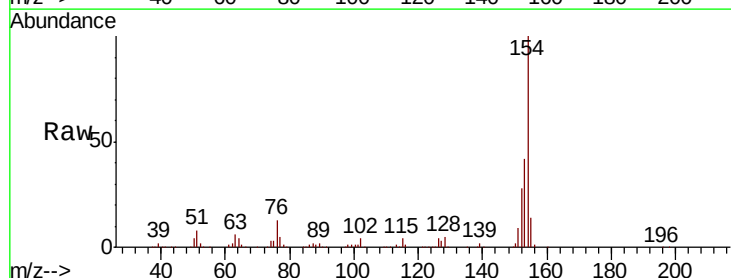
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116987BS

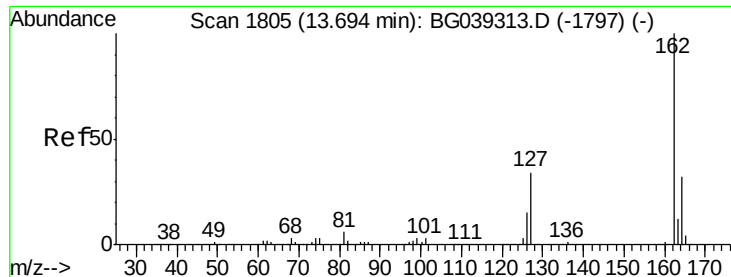
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.3  | 30.8  | 46.2  |
| 170     | 25.5  | 20.2  | 30.4  |



#46  
 1,1'-Biphenyl  
 Concen: 24.875 ng  
 RT: 13.63 min Scan# 1794  
 Delta R.T. -0.02 min  
 Lab File: BG039435.D  
 Acq: 11 Feb 2019 15:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.0  | 22.1  | 62.1  |
| 76      | 12.7  | 0.0   | 32.4  |

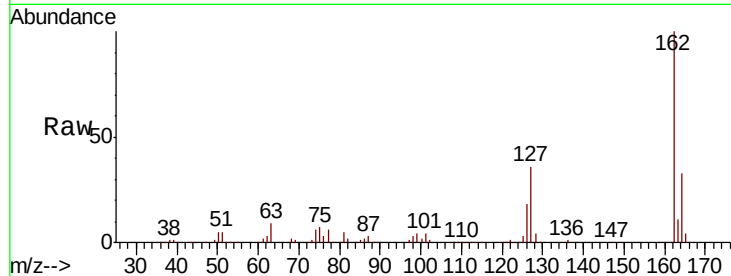




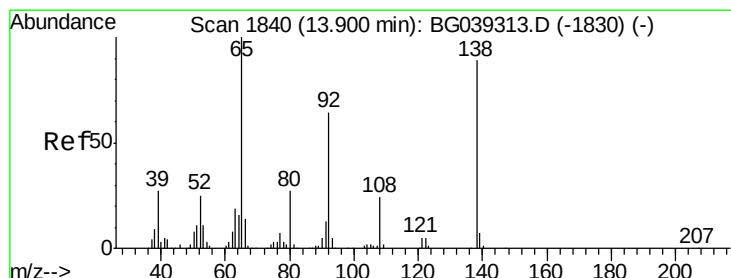
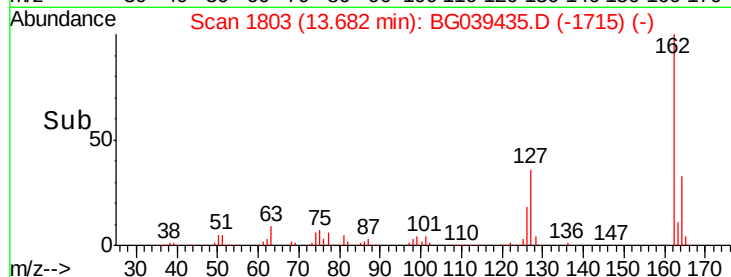
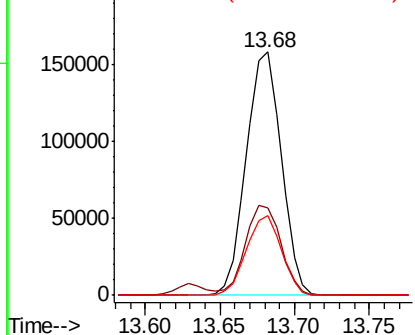
#47  
2-Chloronaphthalene  
Concen: 25.625 ng  
RT: 13.68 min Scan# 1803  
Delta R.T. -0.01 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB116987BS

Tgt Ion: 162 Resp: 258000  
Ion Ratio Lower Upper  
162 100  
127 36.1 31.0 46.6  
164 32.7 25.7 38.5

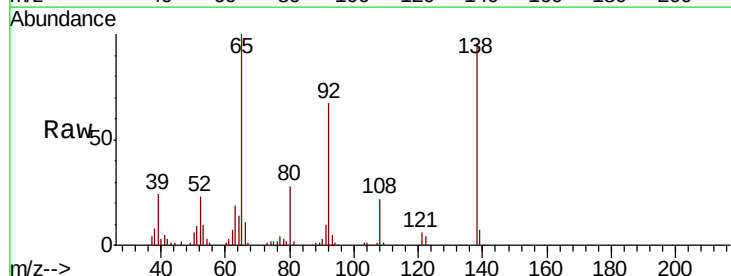


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

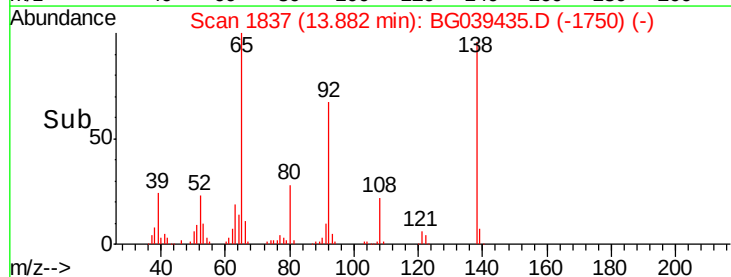
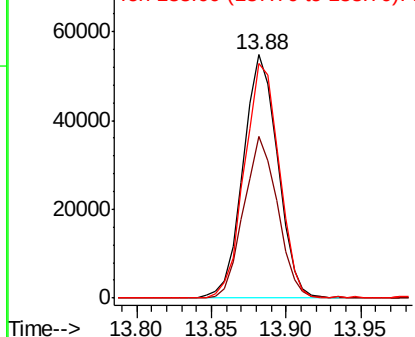


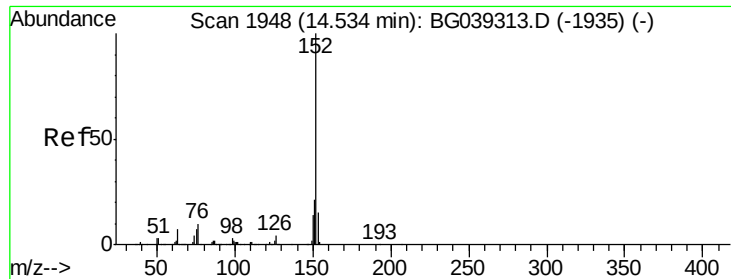
#48  
2-Nitroaniline  
Concen: 33.376 ng  
RT: 13.88 min Scan# 1837  
Delta R.T. -0.02 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

Tgt Ion: 65 Resp: 87695  
Ion Ratio Lower Upper  
65 100  
92 66.6 51.4 77.2  
138 96.2 71.4 107.2



Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 27.960 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

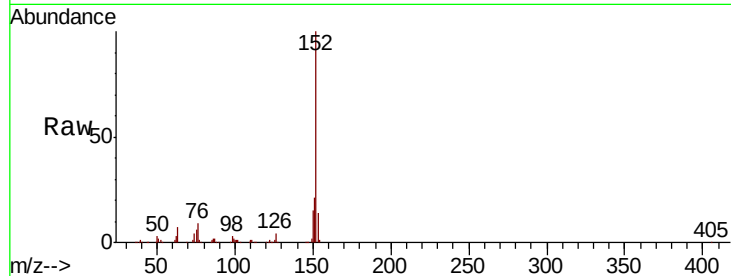
Tgt Ion:152 Resp: 424781

Ion Ratio Lower Upper

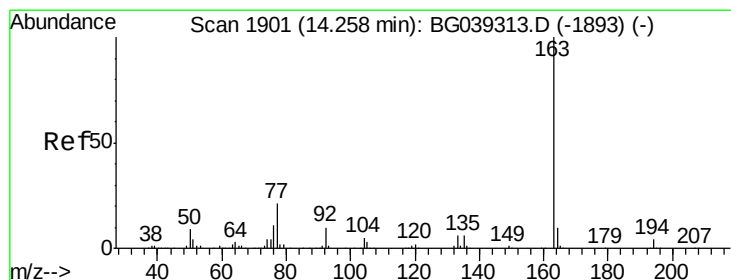
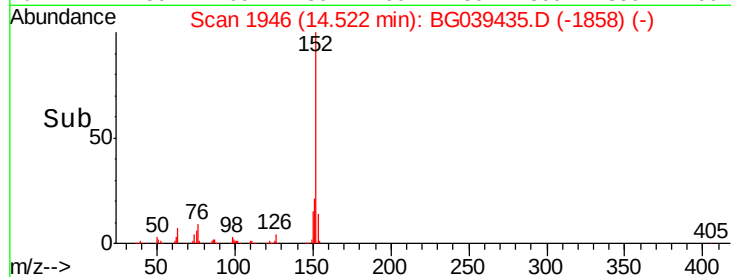
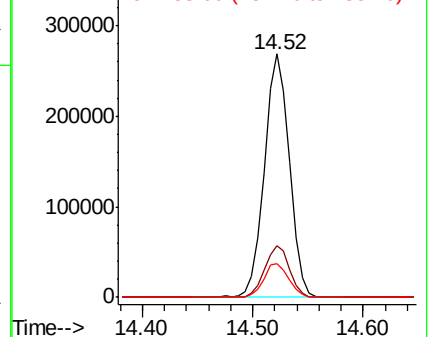
152 100

151 21.0 16.8 25.2

153 14.1 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: 26.936 ng

RT: 14.24 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

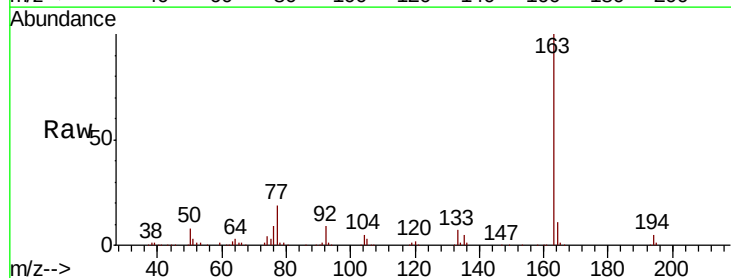
Tgt Ion:163 Resp: 349948

Ion Ratio Lower Upper

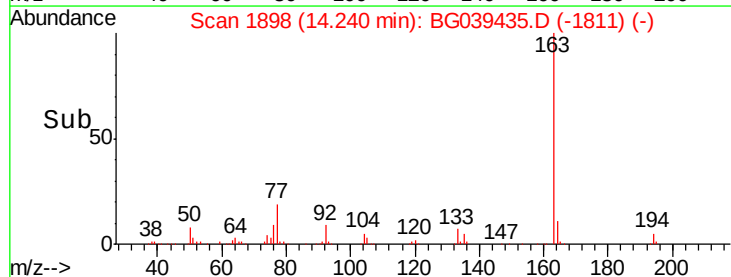
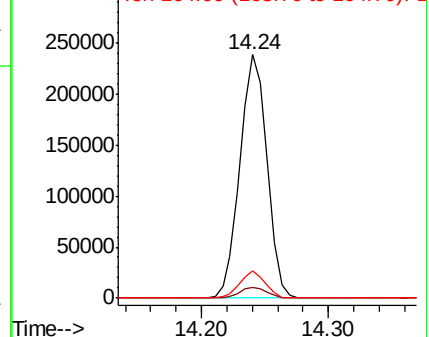
163 100

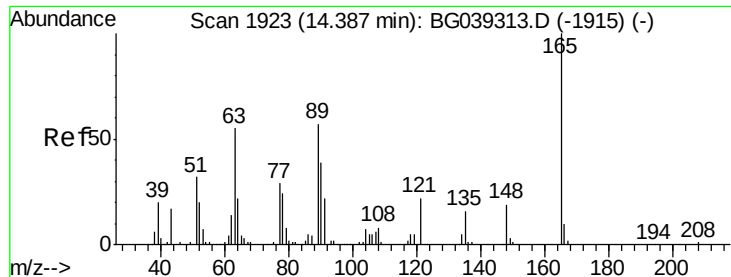
194 4.6 3.6 5.4

164 11.1 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: 34.267 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

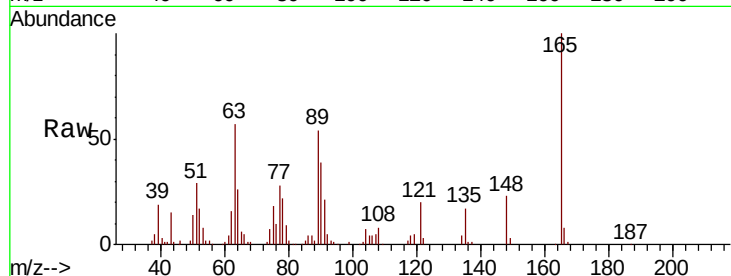
Tgt Ion:165 Resp: 77926

Ion Ratio Lower Upper

165 100

63 57.5 47.0 70.6

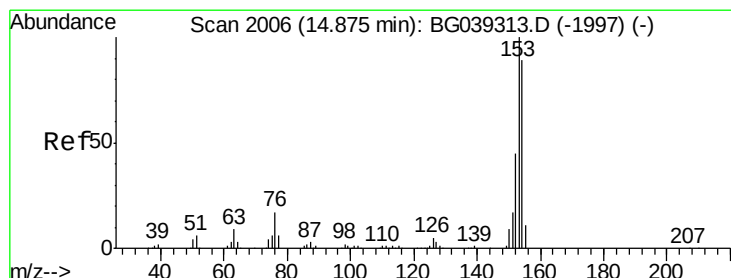
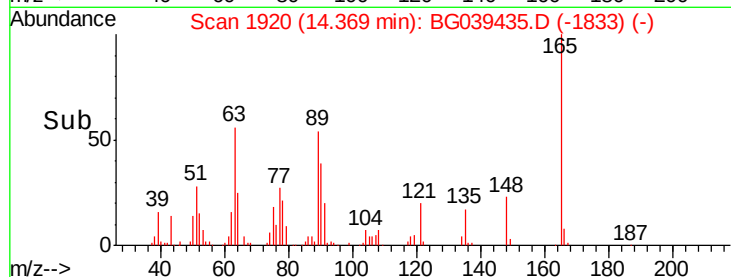
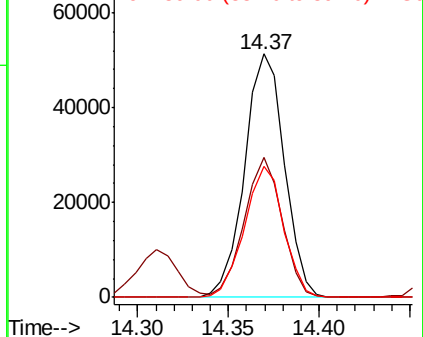
89 53.9 45.8 68.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 26.008 ng

RT: 14.86 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

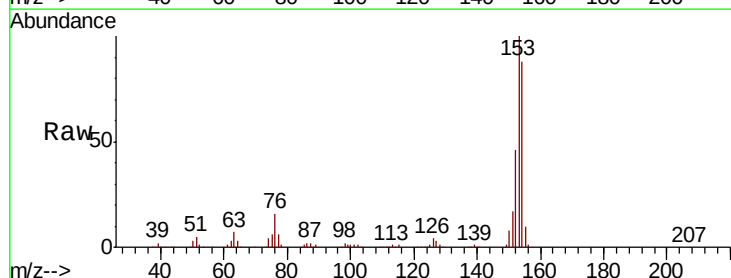
Tgt Ion:154 Resp: 256484

Ion Ratio Lower Upper

154 100

153 113.8 90.1 135.1

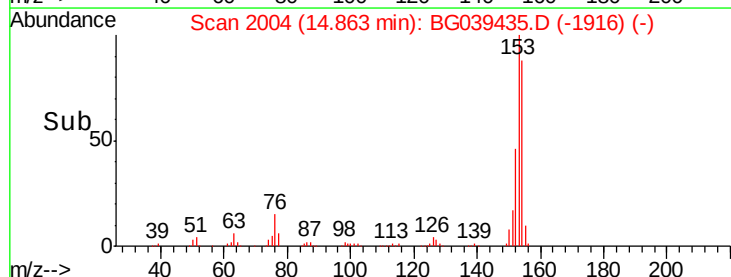
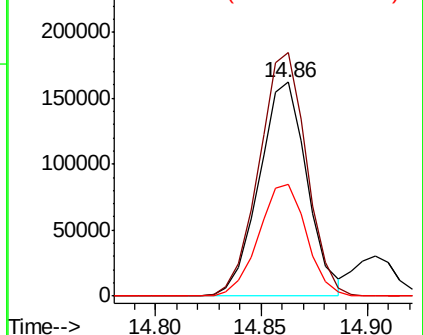
152 52.1 40.9 61.3

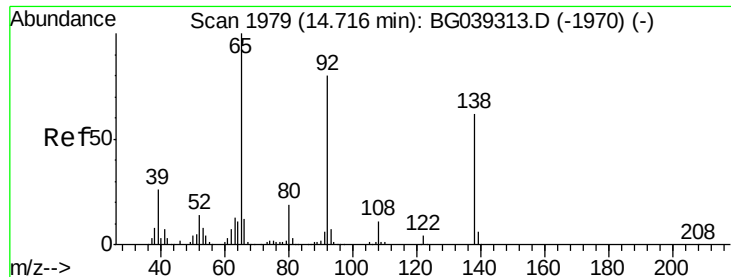


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 20.094 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

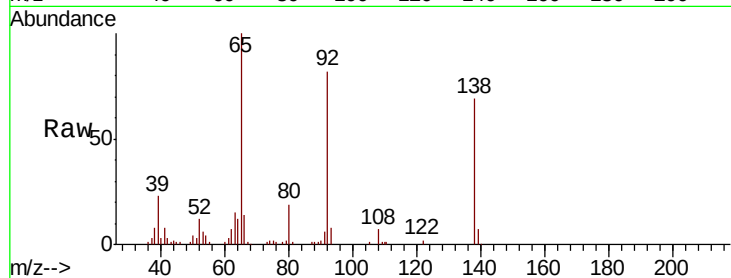
Tgt Ion:138 Resp: 42611

Ion Ratio Lower Upper

138 100

108 9.6 13.8 20.8#

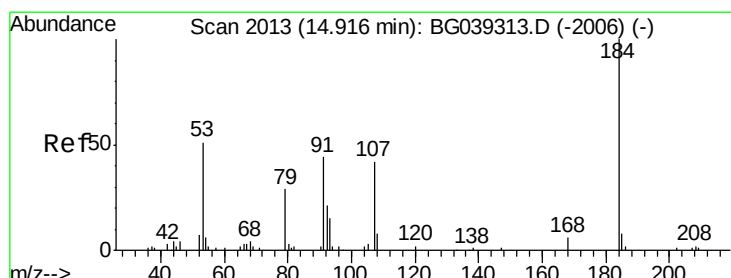
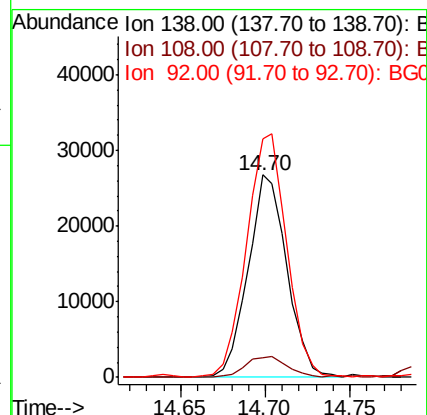
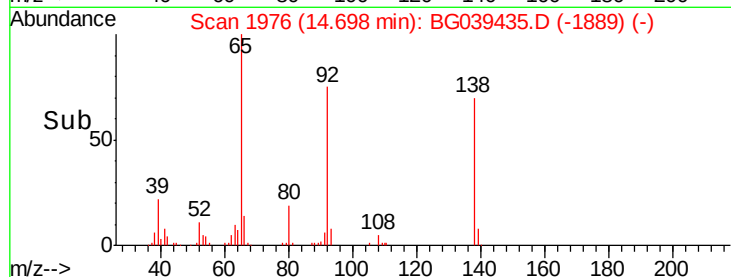
92 117.6 103.7 155.5



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: 73.190 ng

RT: 14.90 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

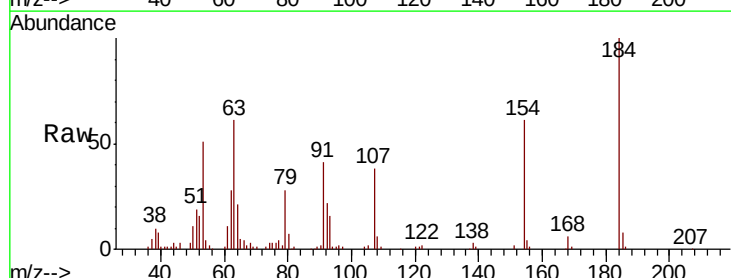
Tgt Ion:184 Resp: 75309

Ion Ratio Lower Upper

184 100

63 60.5 50.9 76.3

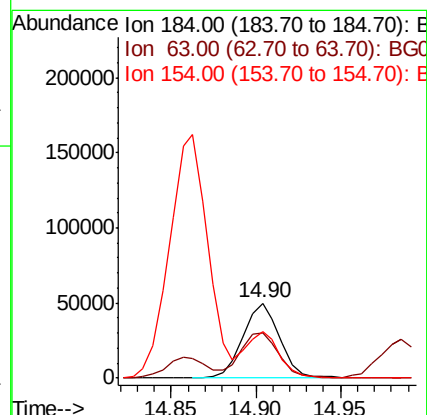
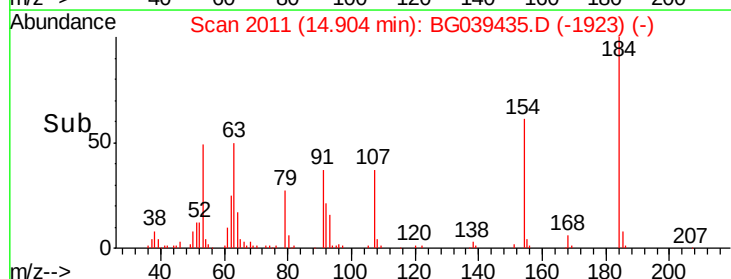
154 61.2 53.0 79.6

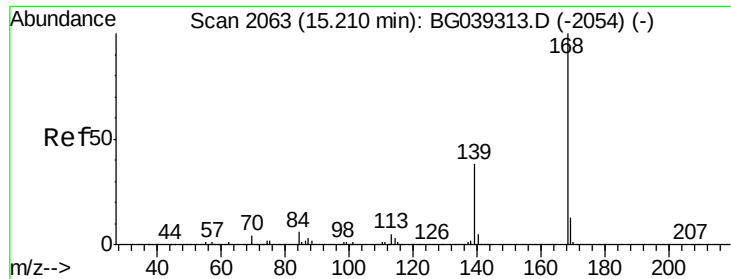


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

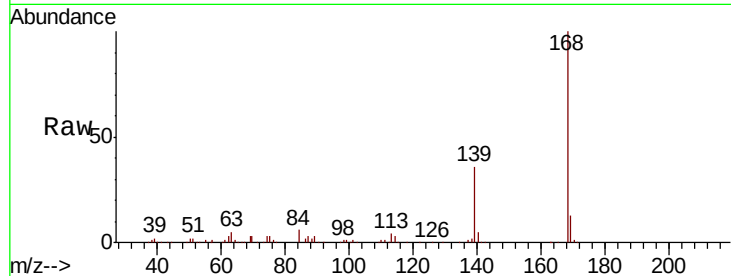




#55  
Dibenzofuran  
Concen: 26.941 ng  
RT: 15.19 min Scan# 2060  
Delta R.T. -0.02 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

Instrument :  
BNA\_G  
ClientSampleId :  
PB116987BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 36.2  | 30.1  | 45.1  |
| 169     | 13.3  | 10.6  | 16.0  |

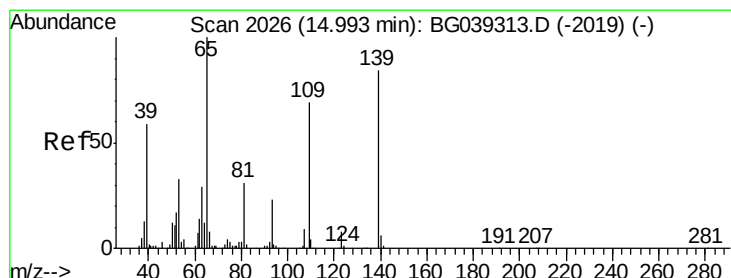
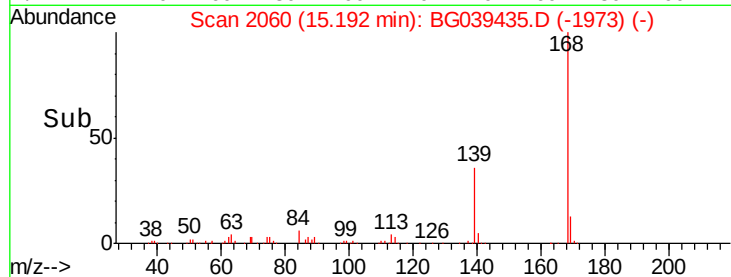
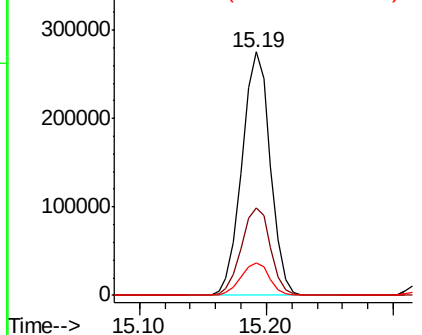


Abundance

Ion 168.00 (167.70 to 168.70): E

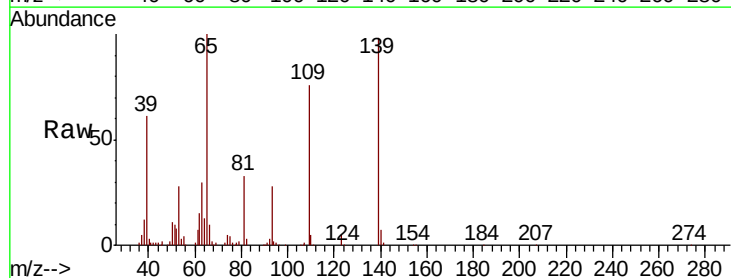
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56  
4-Nitrophenol  
Concen: 60.690 ng  
RT: 14.99 min Scan# 2025  
Delta R.T. -0.01 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 77.9  | 61.9  | 101.9 |
| 65      | 102.2 | 99.1  | 139.1 |

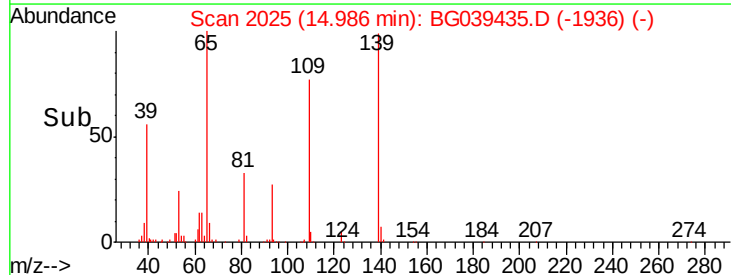
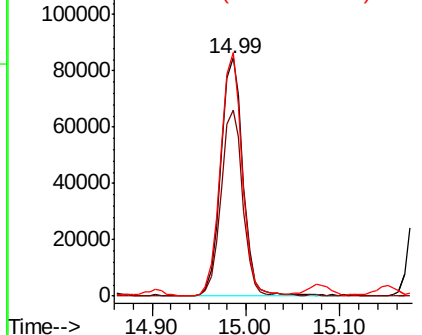


Abundance

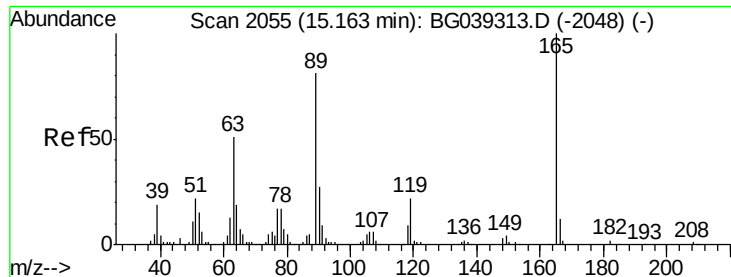
Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



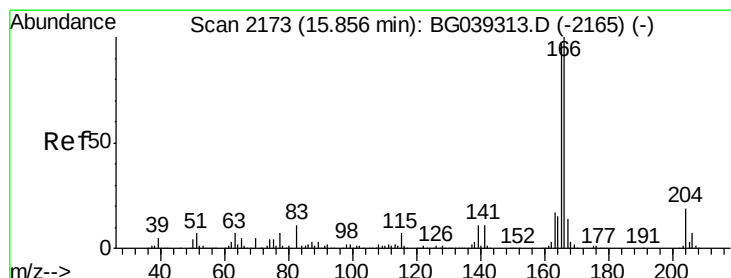
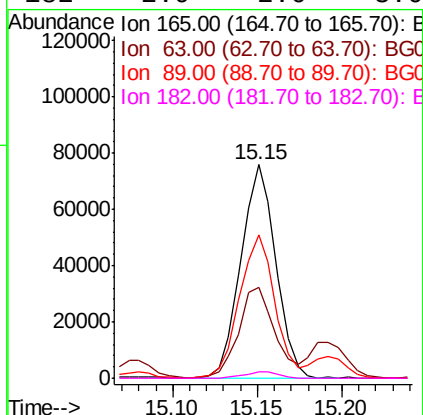
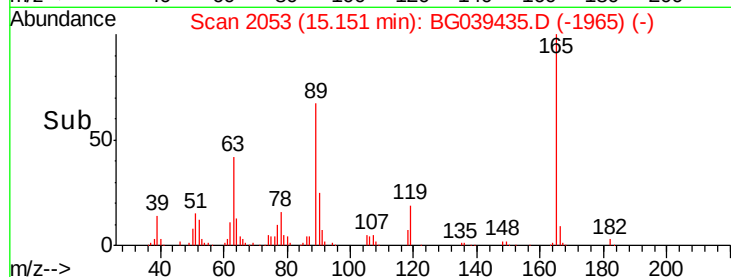
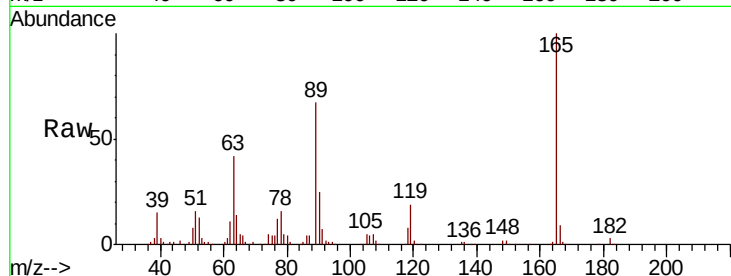




#57  
2,4-Dinitrotoluene  
Concen: 37.197 ng  
RT: 15.15 min Scan# 2053  
Delta R.T. -0.01 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

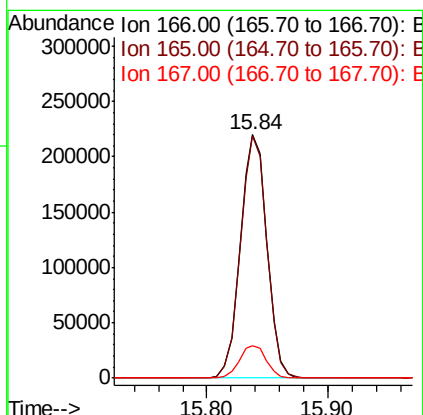
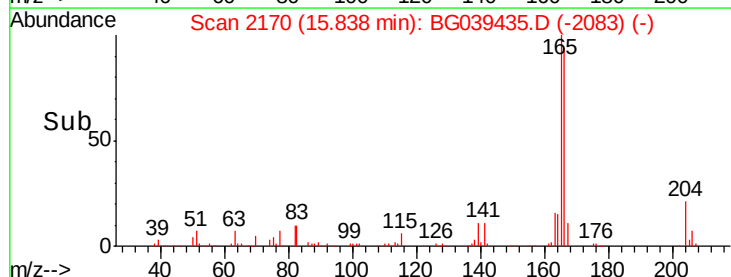
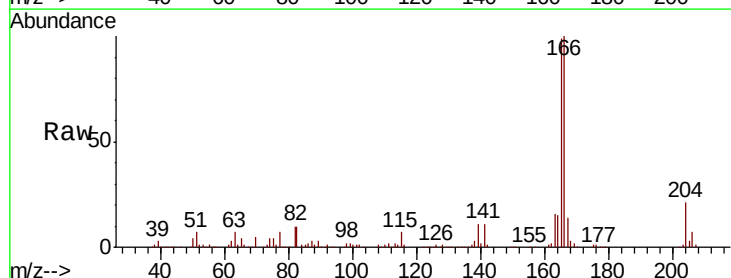
Instrument :  
BNA\_G  
ClientSampleId :  
PB116987BS

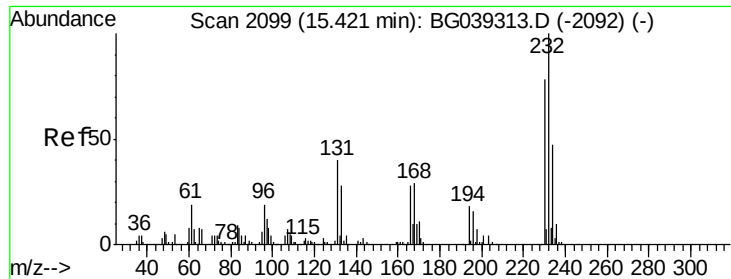
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.4  | 41.0  | 61.6  |
| 89      | 67.3  | 64.6  | 96.8  |
| 182     | 2.9   | 2.0   | 3.0   |



#58  
Fluorene  
Concen: 28.496 ng  
RT: 15.84 min Scan# 2170  
Delta R.T. -0.02 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.4  | 77.9  | 116.9 |
| 167     | 13.5  | 10.8  | 16.2  |

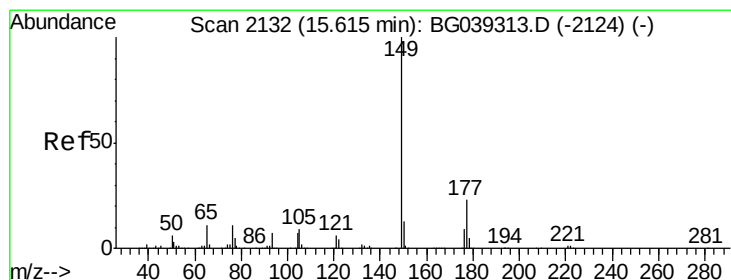
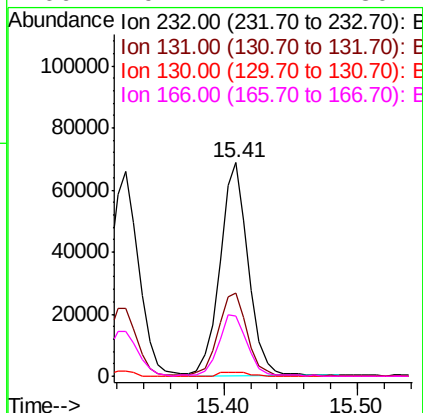
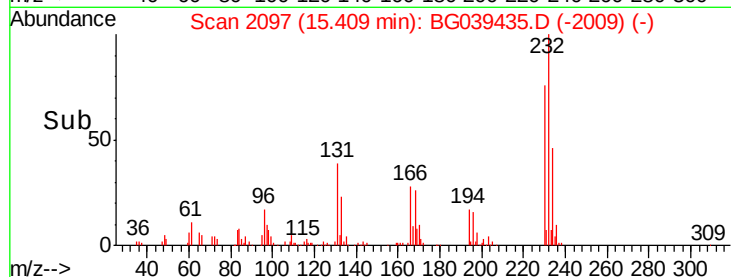
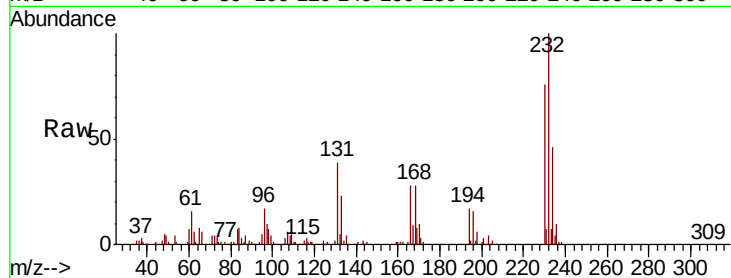




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 33.090 ng  
RT: 15.41 min Scan# 2097  
Delta R.T. -0.01 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

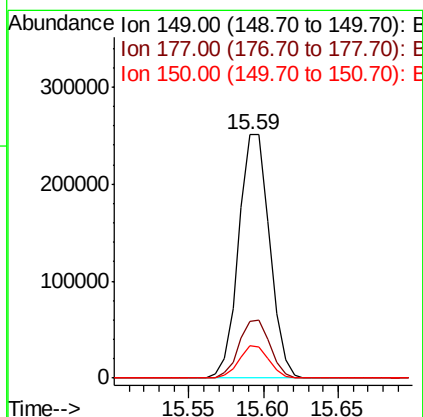
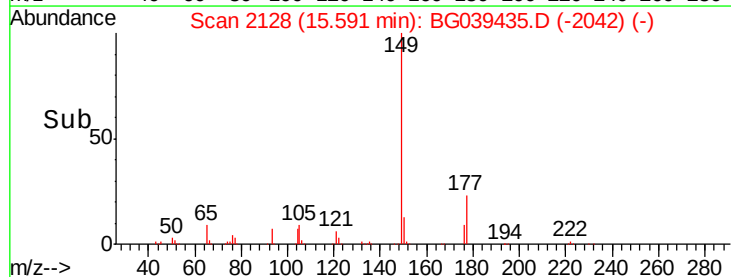
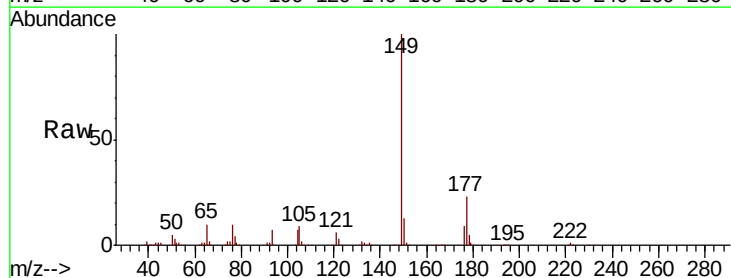
Instrument :  
BNA\_G  
ClientSampleId :  
PB116987BS

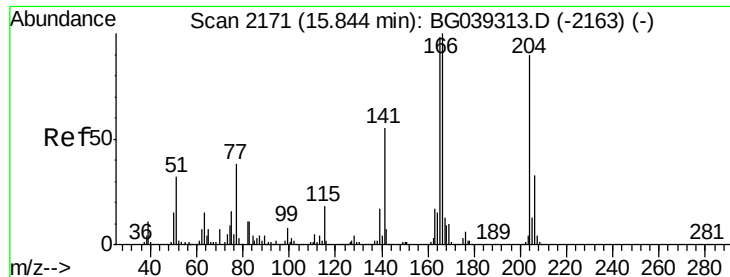
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 102187 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 40.8  | 34.9  | 52.3   |
| 130      | 2.2   | 2.0   | 3.0    |
| 166      | 29.2  | 24.1  | 36.1   |



#60  
Diethylphthalate  
Concen: 26.865 ng  
RT: 15.59 min Scan# 2128  
Delta R.T. -0.02 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 360864 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.2  | 18.3  | 27.5   |
| 150      | 13.4  | 10.2  | 15.2   |

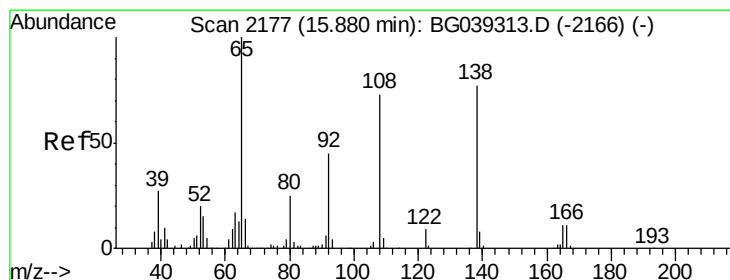
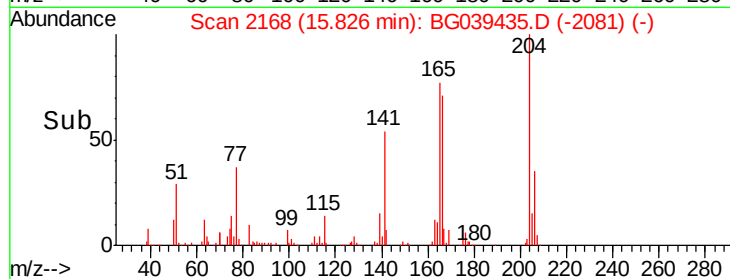
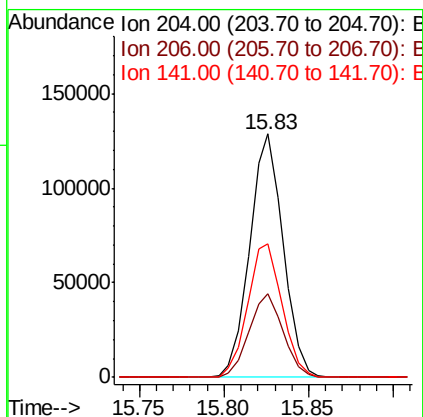
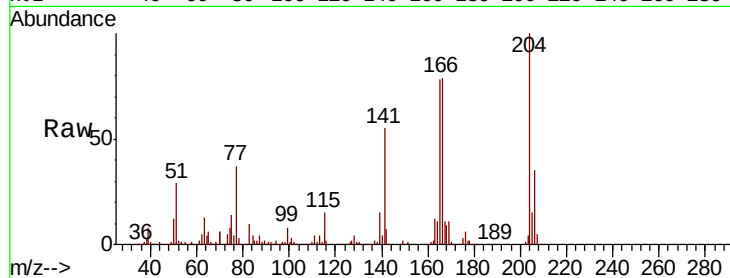




#61  
 4-Chlorophenyl-phenylether  
 Concen: 26.478 ng  
 RT: 15.83 min Scan# 2168  
 Delta R.T. -0.02 min  
 Lab File: BG039435.D  
 Acq: 11 Feb 2019 15:35

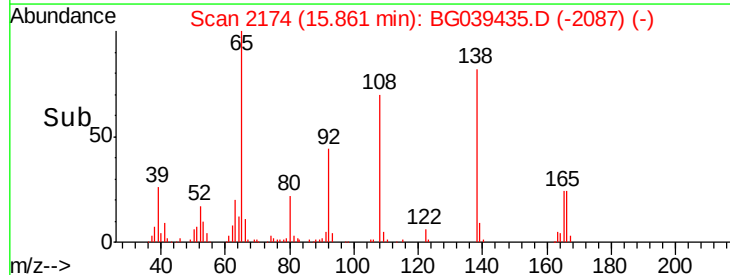
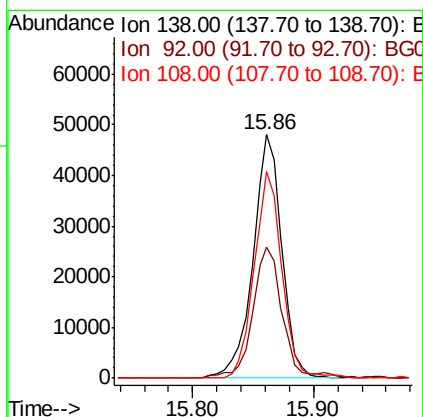
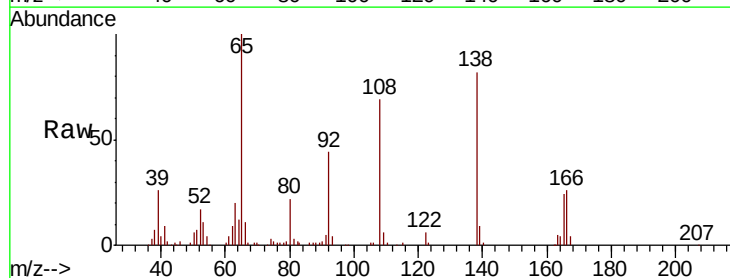
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116987BS

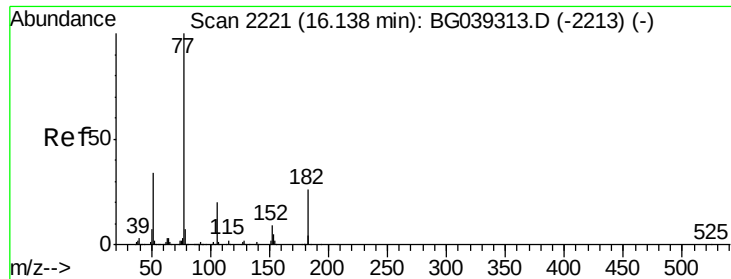
Tgt Ion: 204 Resp: 176718  
 Ion Ratio Lower Upper  
 204 100  
 206 34.5 29.2 43.8  
 141 54.8 49.0 73.4



#62  
 4-Nitroaniline  
 Concen: 30.889 ng  
 RT: 15.86 min Scan# 2174  
 Delta R.T. -0.02 min  
 Lab File: BG039435.D  
 Acq: 11 Feb 2019 15:35

Tgt Ion: 138 Resp: 79679  
 Ion Ratio Lower Upper  
 138 100  
 92 53.8 38.7 78.7  
 108 84.8 74.6 114.6





#63

Azobenzene

Concen: 24.288 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

Tgt Ion: 77 Resp: 318876

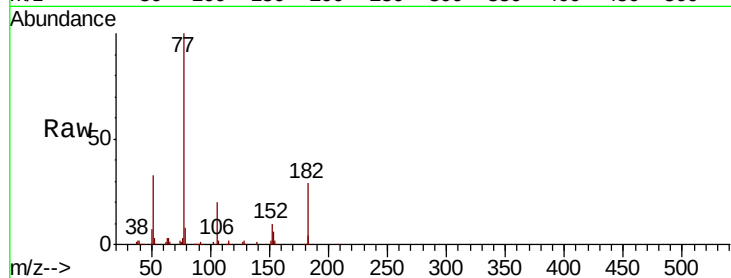
Ion Ratio Lower Upper

77 100

182 29.2 6.4 46.4

105 19.9 0.0 39.8

51 32.6 14.1 54.1

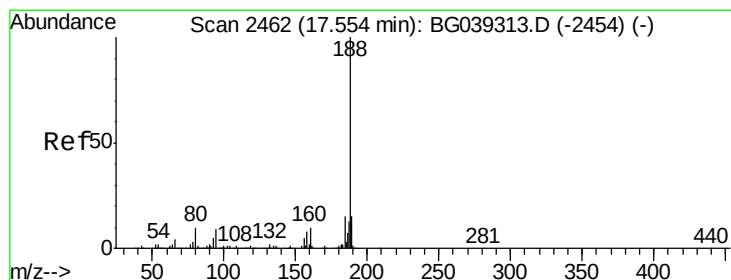
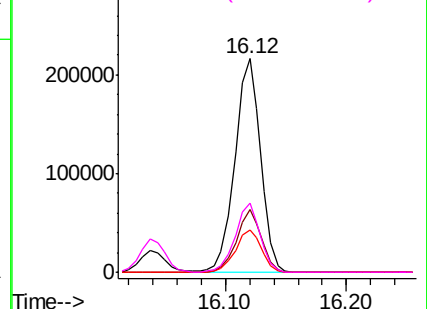
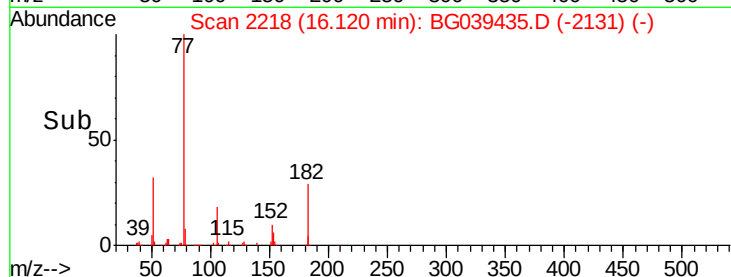


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG039435.D

Acq: 11 Feb 2019 15:35

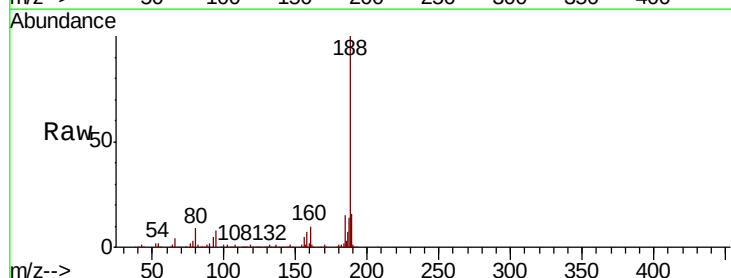
Tgt Ion: 188 Resp: 391927

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

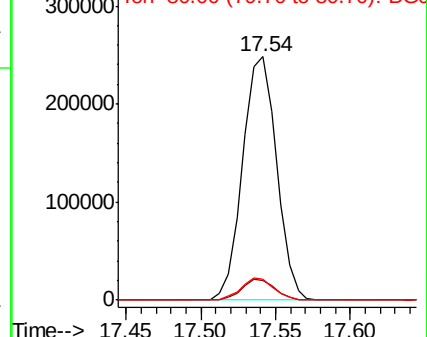
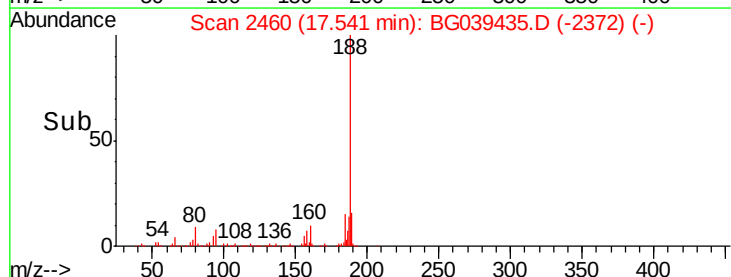
80 8.7 8.1 12.1

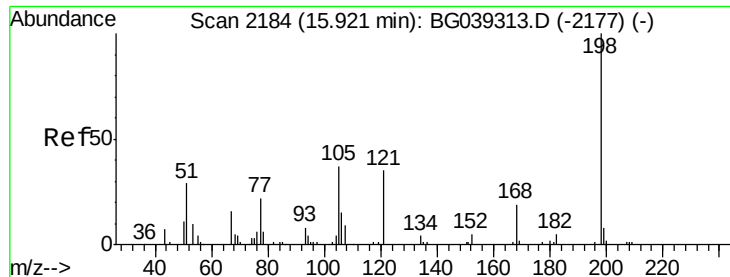


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 39.508 ng

RT: 15.91 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

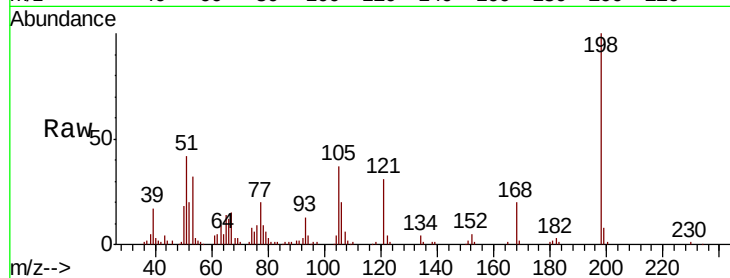
Tgt Ion:198 Resp: 56428

Ion Ratio Lower Upper

198 100

51 42.0 27.4 67.4

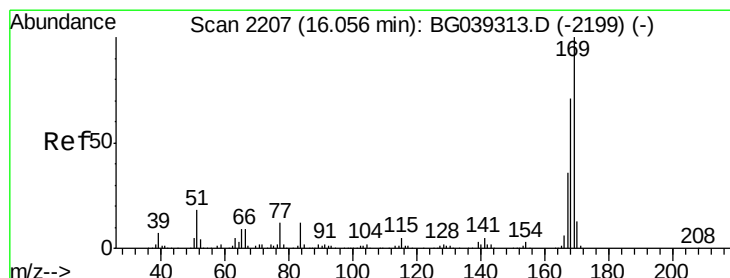
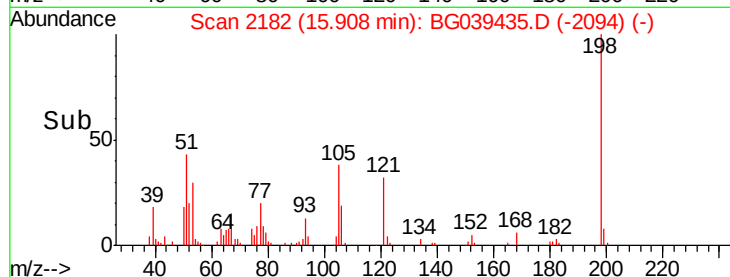
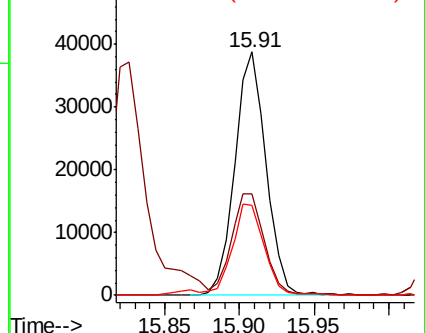
105 37.0 19.7 59.7



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: 26.370 ng

RT: 16.04 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

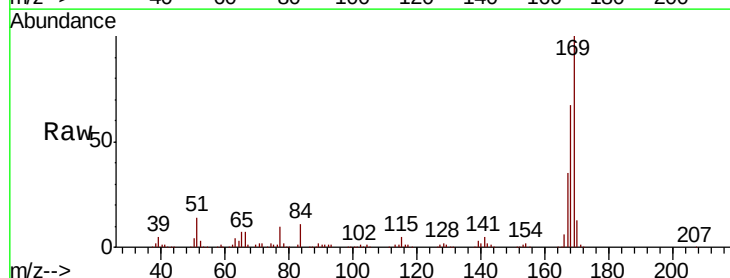
Tgt Ion:169 Resp: 314252

Ion Ratio Lower Upper

169 100

168 66.5 56.6 85.0

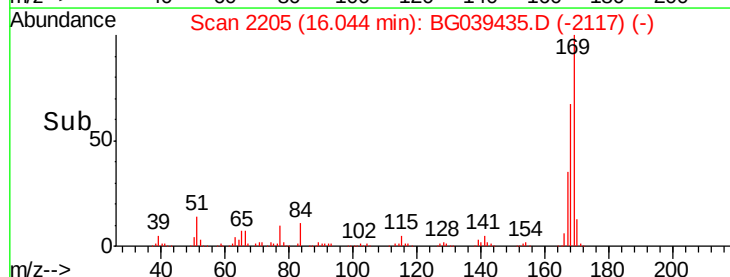
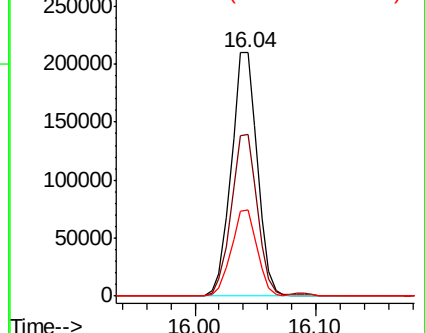
167 35.3 28.8 43.2

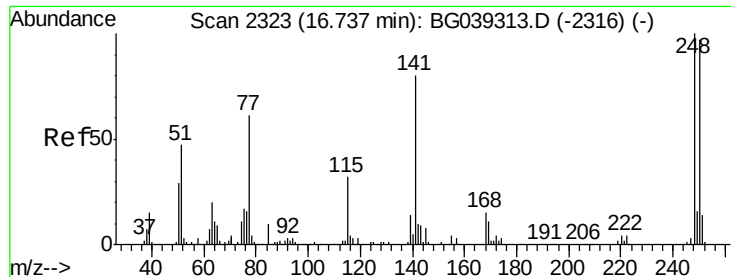


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

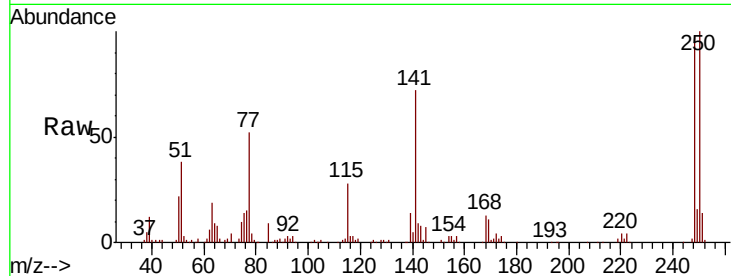




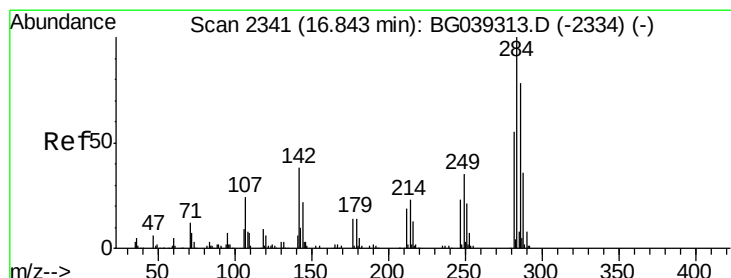
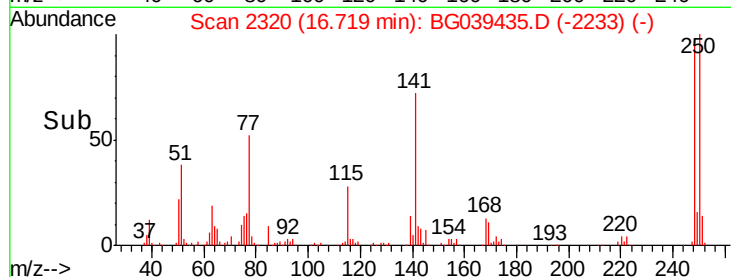
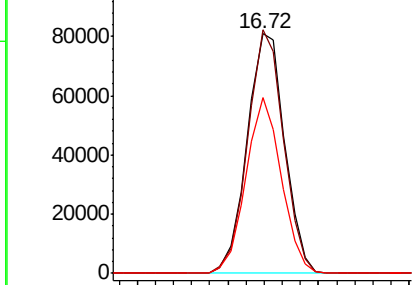
#67  
 4-Bromophenyl-phenylether  
 Concen: 26.719 ng  
 RT: 16.72 min Scan# 2320  
 Delta R.T. -0.02 min  
 Lab File: BG039435.D  
 Acq: 11 Feb 2019 15:35

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116987BS

Tgt Ion:248 Resp: 116172  
 Ion Ratio Lower Upper  
 248 100  
 250 101.7 77.6 116.4  
 141 73.3 63.9 95.9

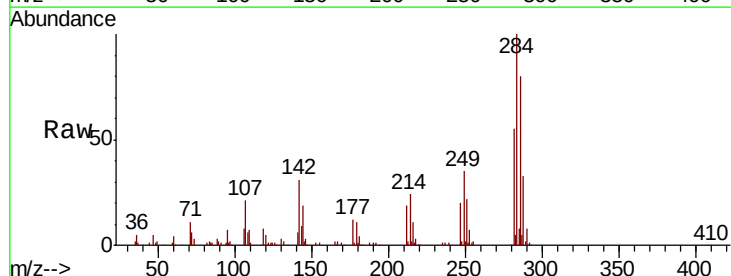


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

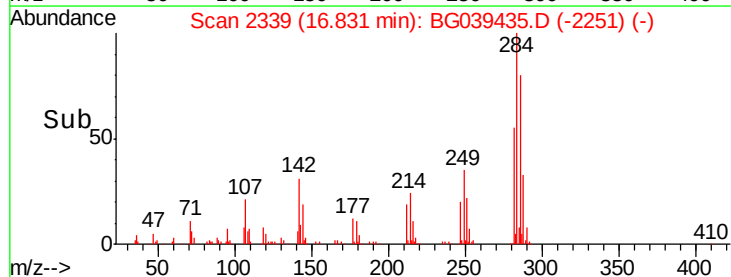
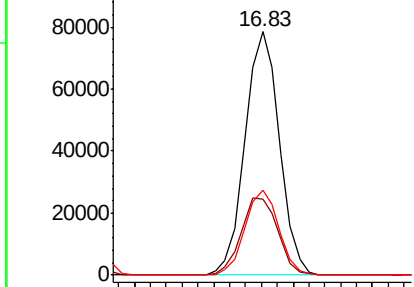


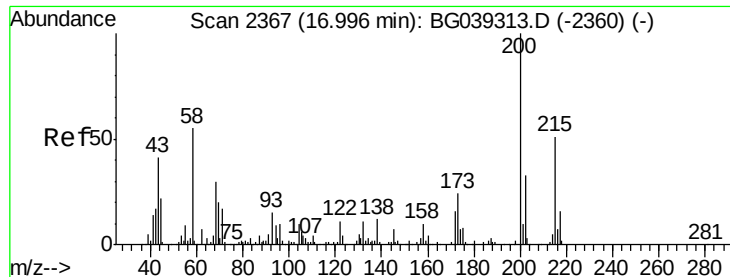
#68  
 Hexachlorobenzene  
 Concen: 27.162 ng  
 RT: 16.83 min Scan# 2339  
 Delta R.T. -0.01 min  
 Lab File: BG039435.D  
 Acq: 11 Feb 2019 15:35

Tgt Ion:284 Resp: 118489  
 Ion Ratio Lower Upper  
 284 100  
 142 31.2 30.6 45.8  
 249 35.0 28.2 42.2



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





#69

Atrazine

Concen: 27.407 ng

RT: 16.98 min Scan# 2364

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

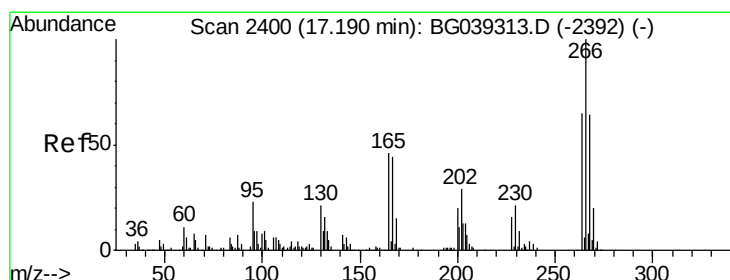
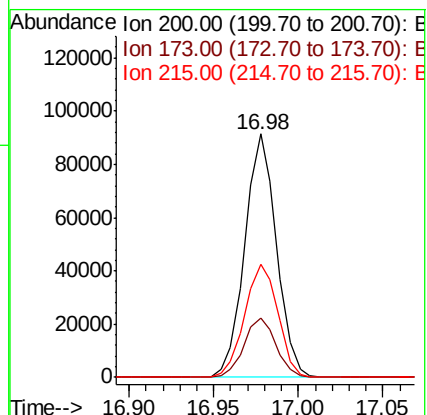
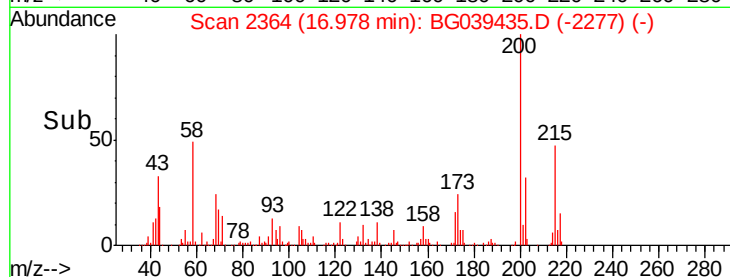
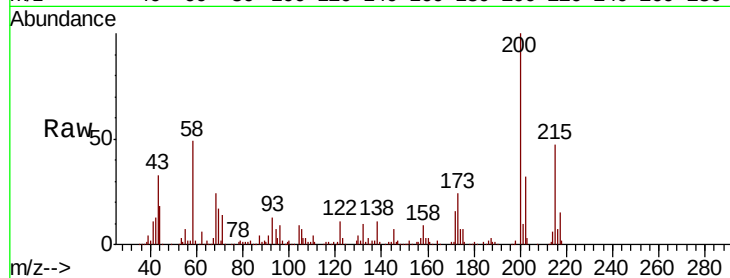
Tgt Ion:200 Resp: 119356

Ion Ratio Lower Upper

200 100

173 24.5 3.9 43.9

215 46.5 30.9 70.9



#70

Pentachlorophenol

Concen: 50.313 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

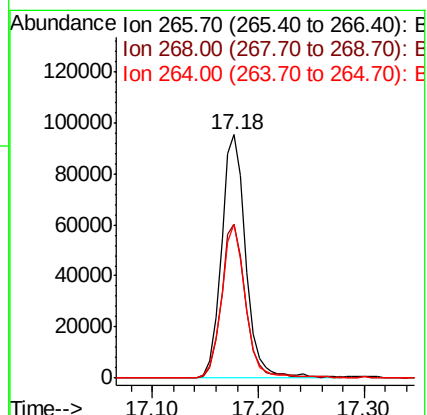
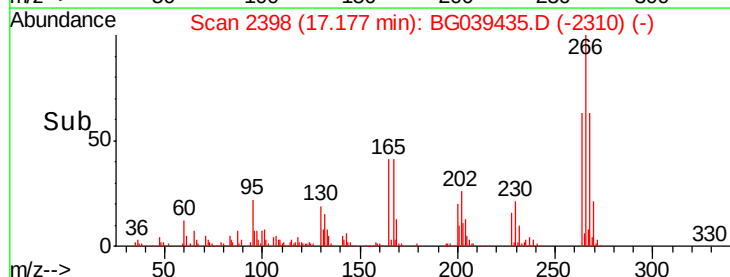
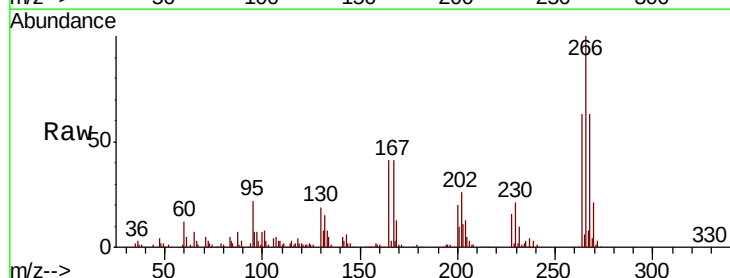
Tgt Ion:266 Resp: 152544

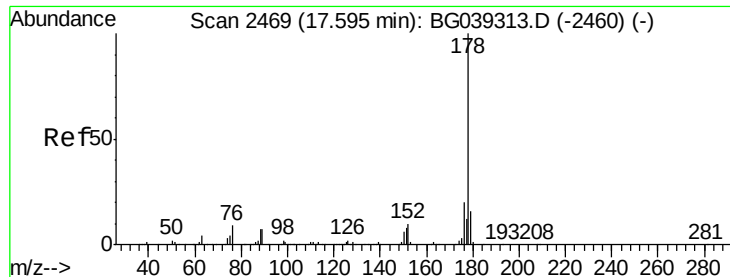
Ion Ratio Lower Upper

266 100

268 63.1 51.1 76.7

264 63.4 52.1 78.1





#71

Phenanthrene

Concen: 27.748 ng

RT: 17.58 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

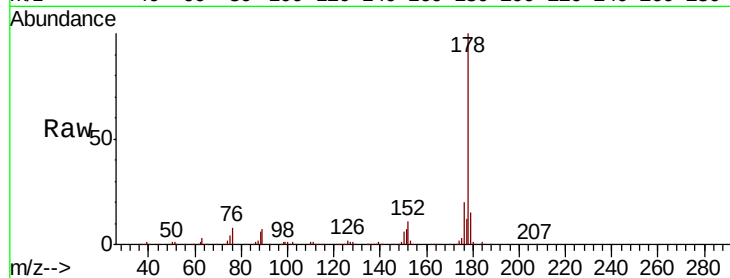
Tgt Ion:178 Resp: 562866

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.4

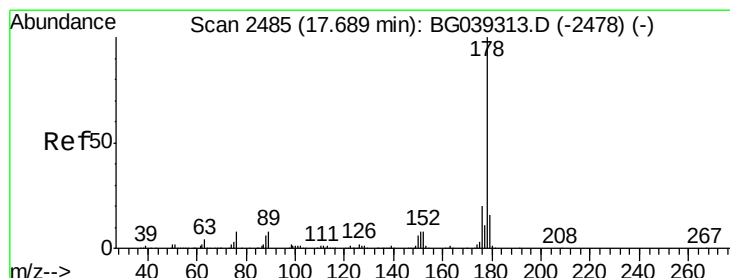
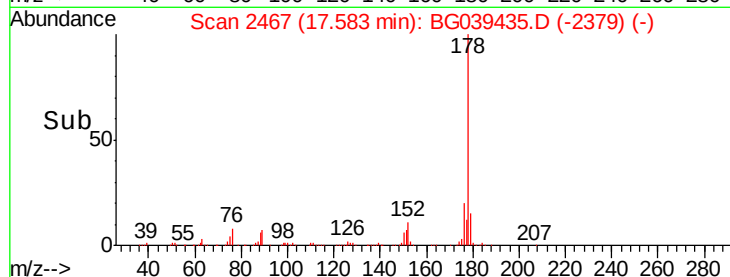
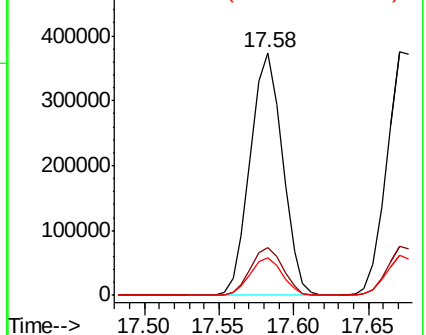
179 15.3 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 28.614 ng

RT: 17.67 min Scan# 2482

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

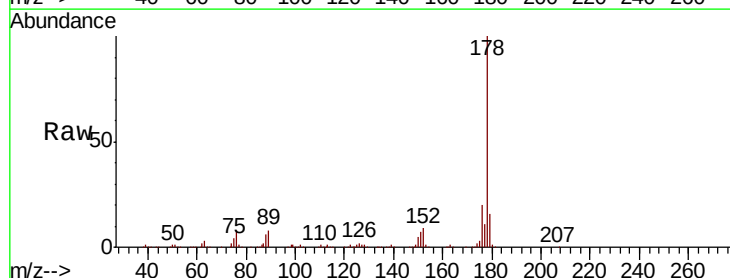
Tgt Ion:178 Resp: 571723

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.6

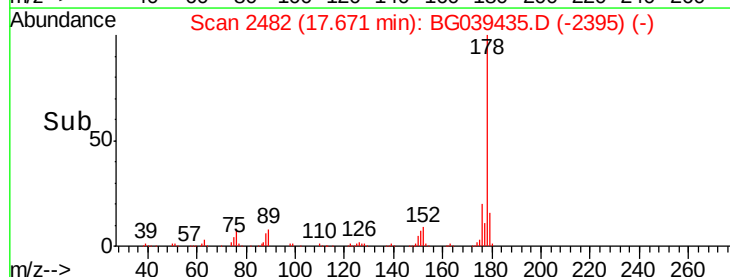
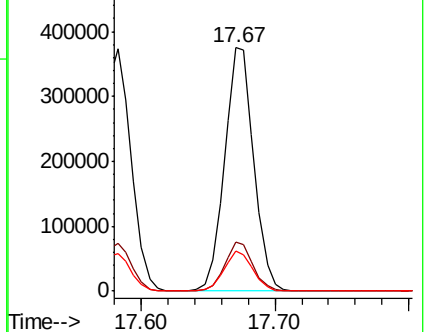
179 16.5 12.5 18.7



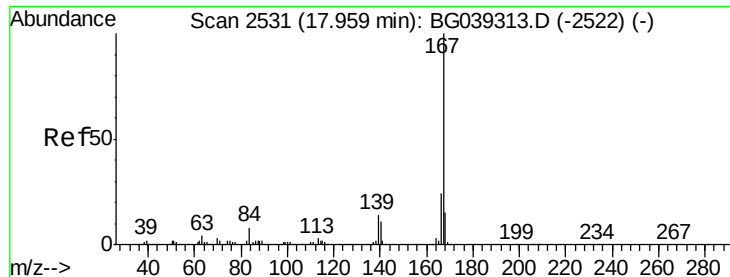
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#73

Carbazole

Concen: 25.098 ng

RT: 17.94 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

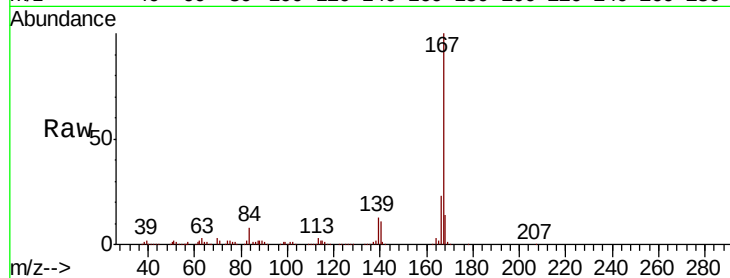
Tgt Ion:167 Resp: 500462

Ion Ratio Lower Upper

167 100

166 23.4 19.4 29.2

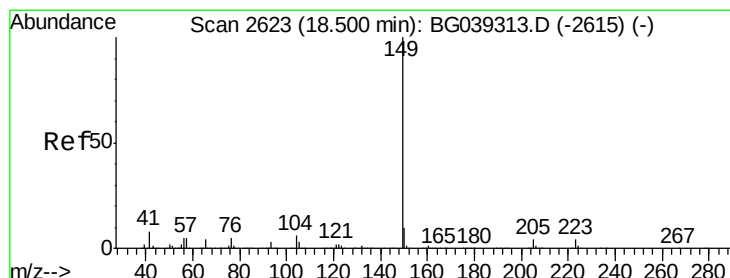
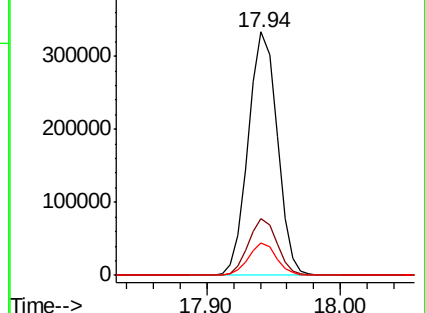
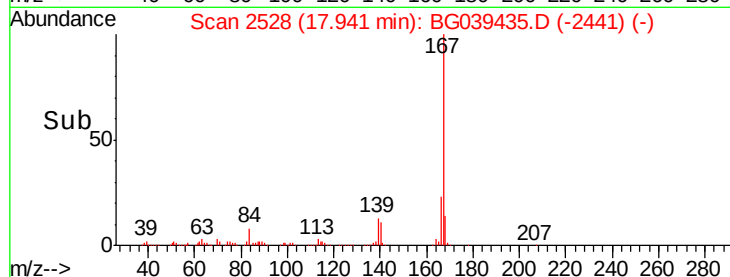
139 13.2 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 25.814 ng

RT: 18.48 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

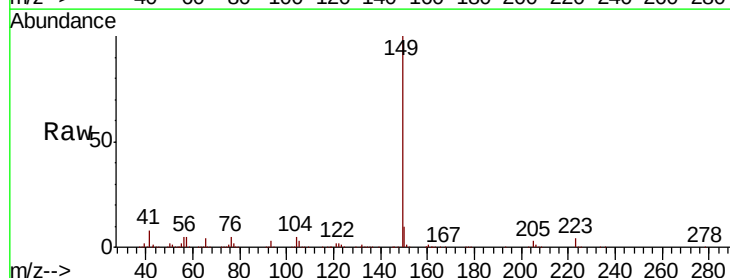
Tgt Ion:149 Resp: 600513

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

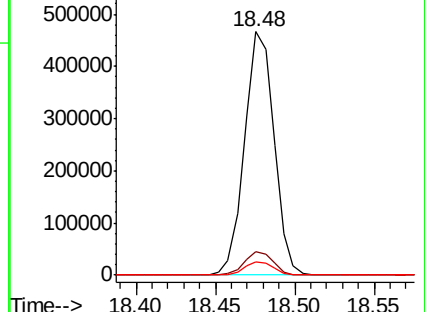
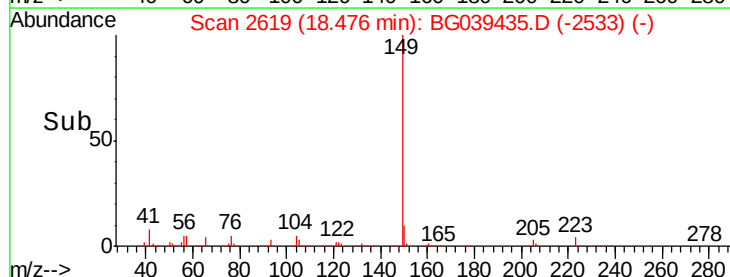
104 5.4 4.5 6.7

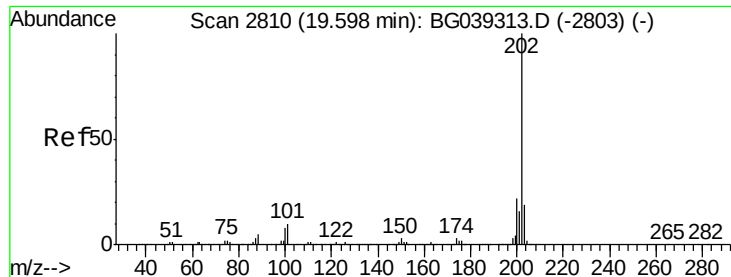


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 28.578 ng

RT: 19.58 min Scan# 2807

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

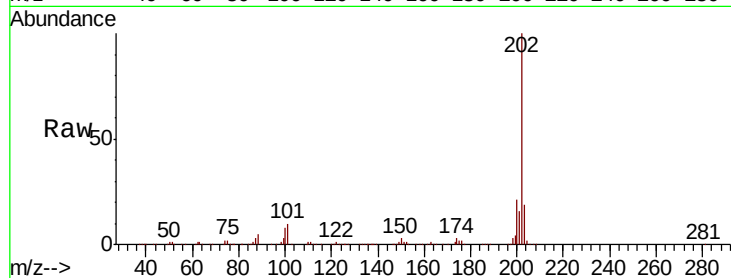
Tgt Ion:202 Resp: 672854

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.0

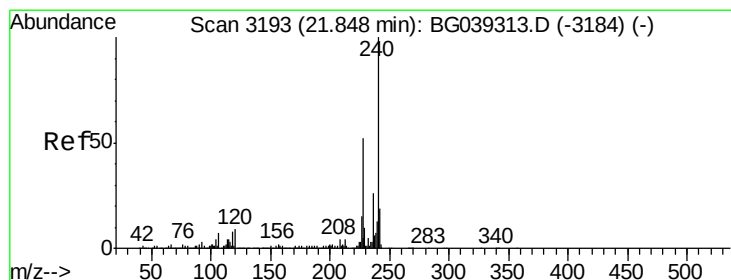
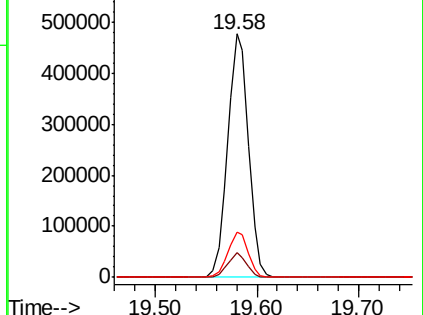
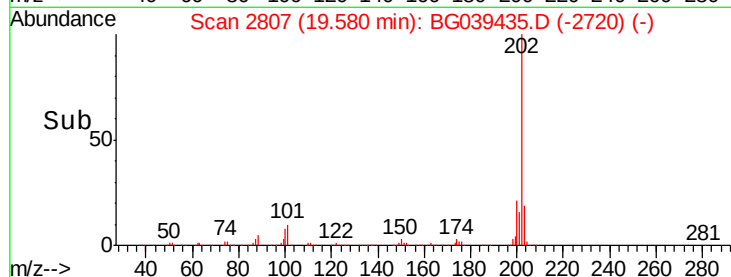
203 18.6 0.0 38.9



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# 3190

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

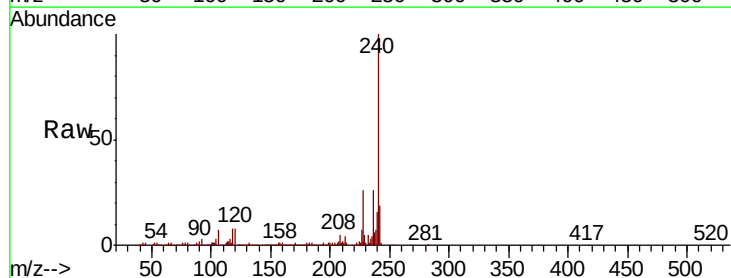
Tgt Ion:240 Resp: 398165

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

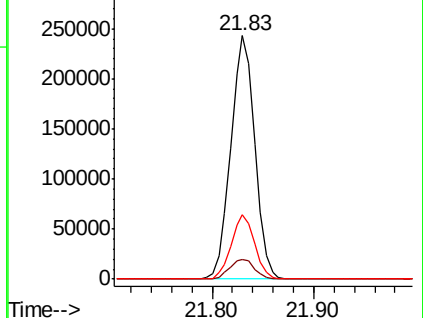
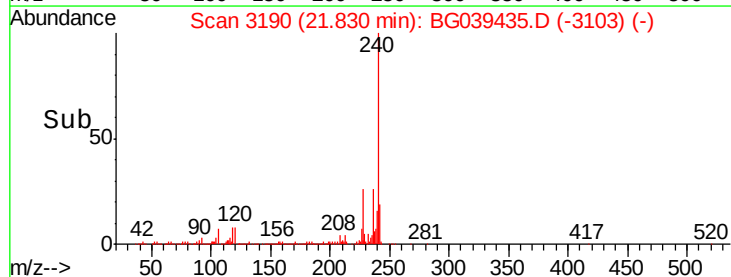
236 26.2 21.0 31.4

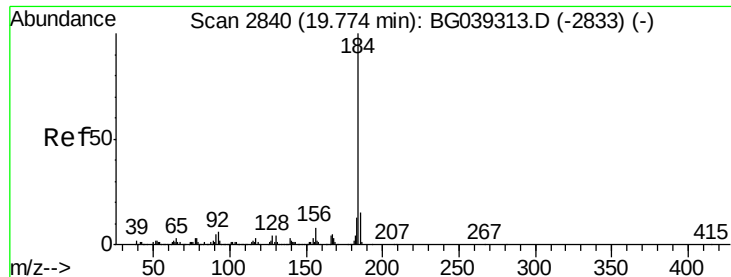


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 14.408 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

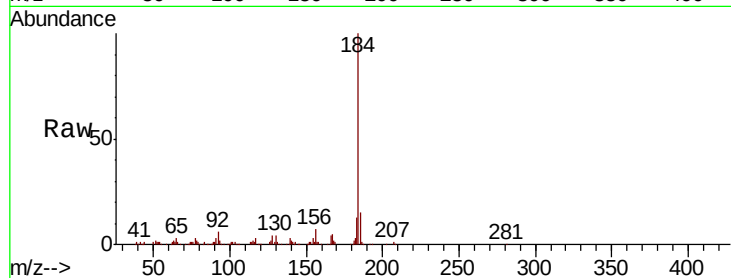
Tgt Ion:184 Resp: 188084

Ion Ratio Lower Upper

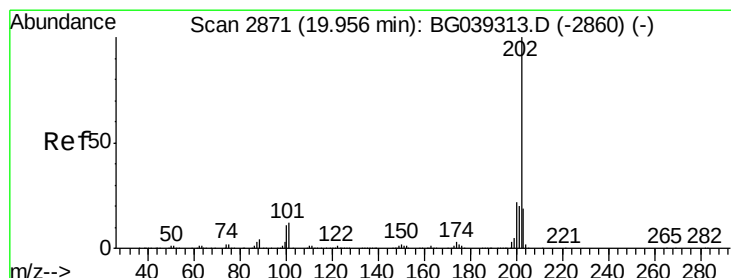
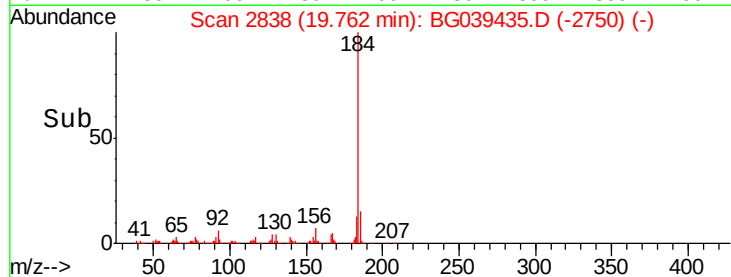
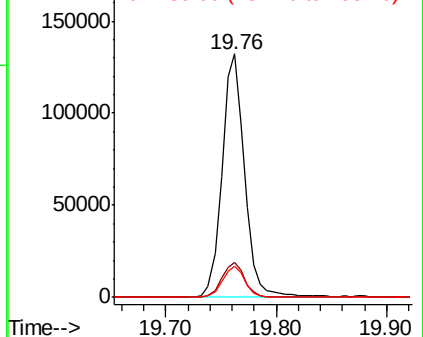
184 100

185 14.6 12.2 18.2

183 12.6 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: 27.802 ng

RT: 19.94 min Scan# 2869

Delta R.T. -0.01 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

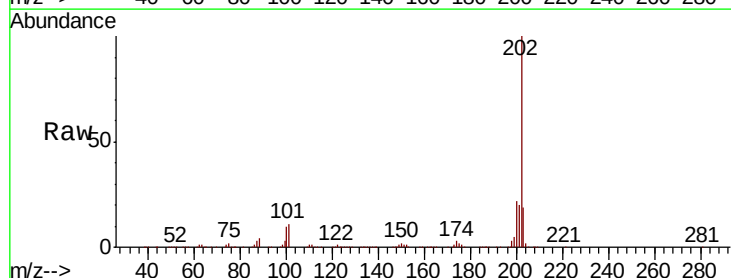
Tgt Ion:202 Resp: 689126

Ion Ratio Lower Upper

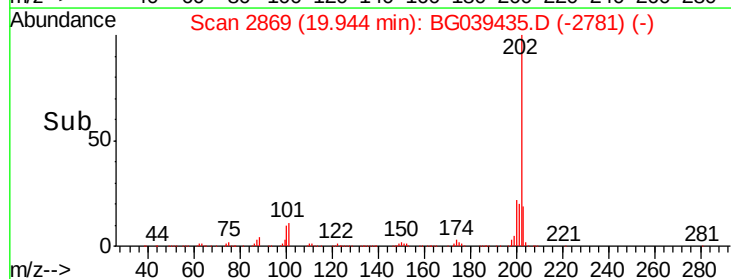
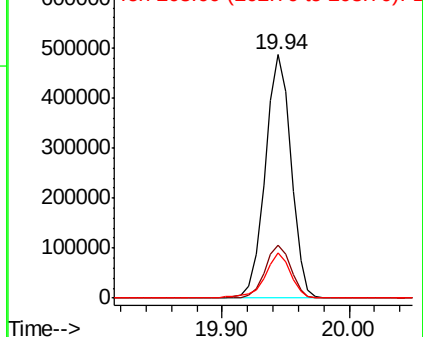
202 100

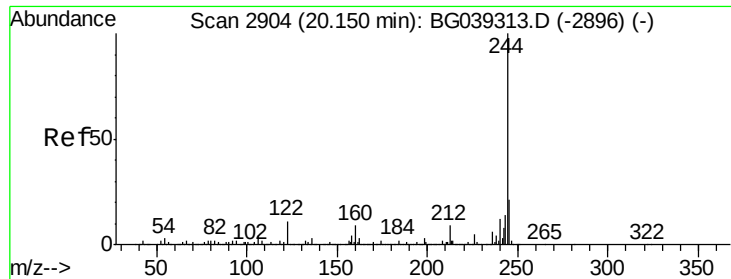
200 21.9 17.8 26.8

203 18.8 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: 51.709 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

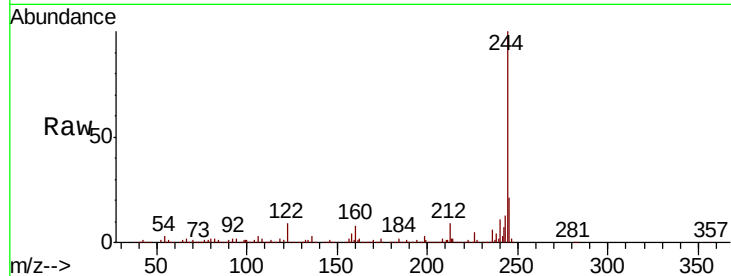
Tgt Ion:244 Resp: 972682

Ion Ratio Lower Upper

244 100

212 8.7 7.3 10.9

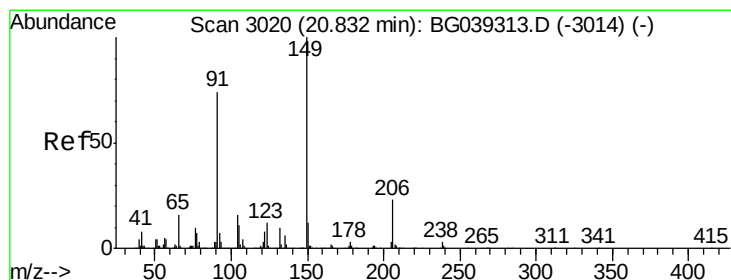
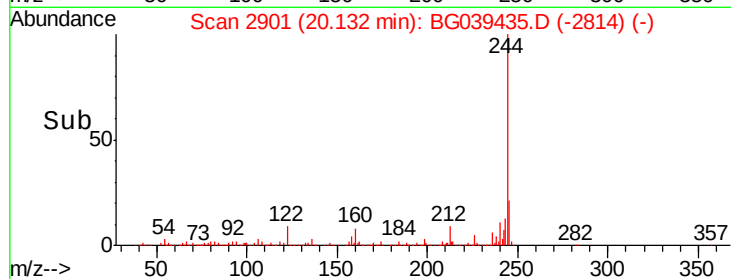
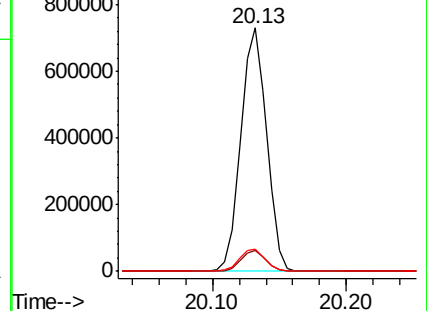
122 9.4 8.4 12.6



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: 26.472 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

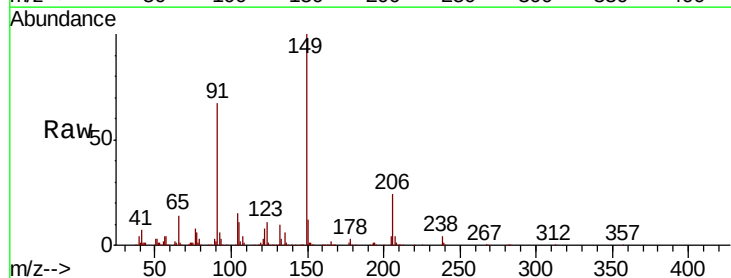
Tgt Ion:149 Resp: 276789

Ion Ratio Lower Upper

149 100

91 67.1 59.5 89.3

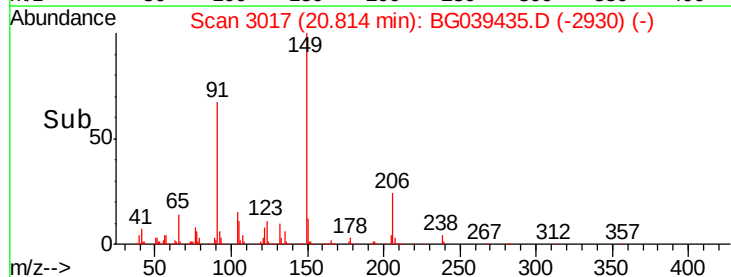
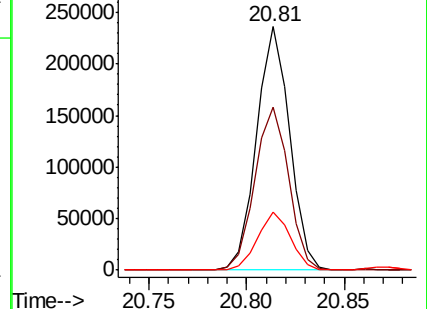
206 23.6 18.6 27.8

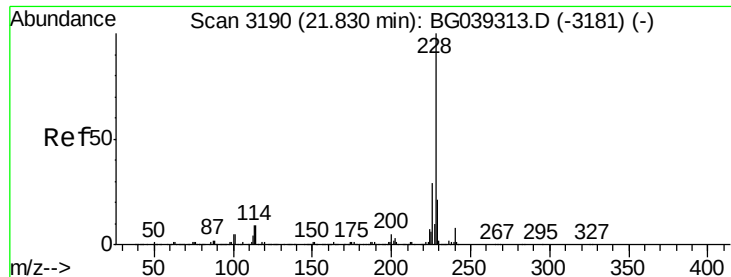


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 27.979 ng

RT: 21.81 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

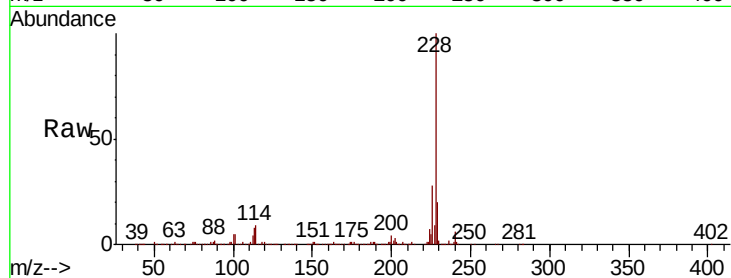
Tgt Ion:228 Resp: 658268

Ion Ratio Lower Upper

228 100

226 27.7 23.0 34.6

229 20.1 16.9 25.3

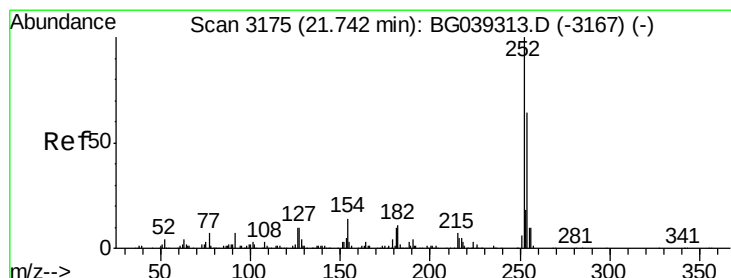
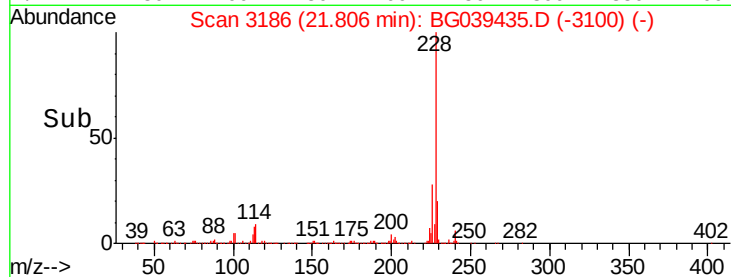
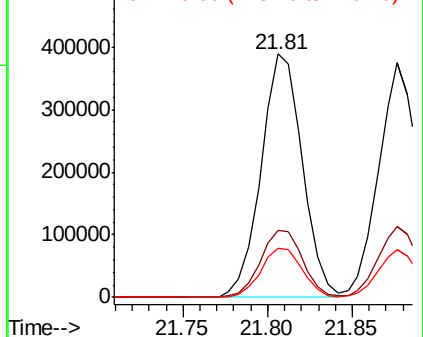


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 13.976 ng

RT: 21.72 min Scan# 3171

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

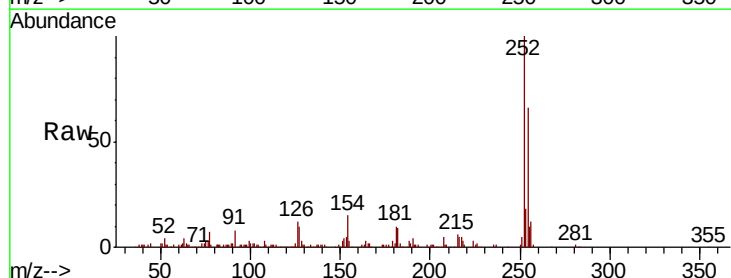
Tgt Ion:252 Resp: 121921

Ion Ratio Lower Upper

252 100

254 66.2 51.3 76.9

126 11.9 8.0 12.0

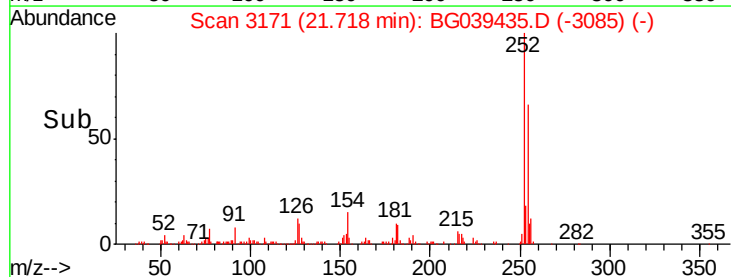
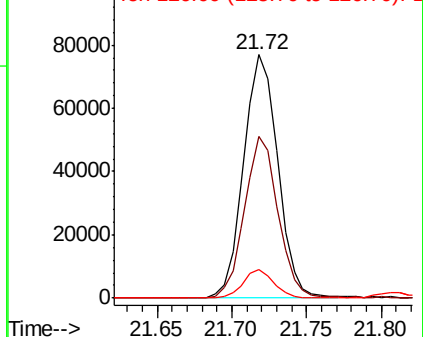


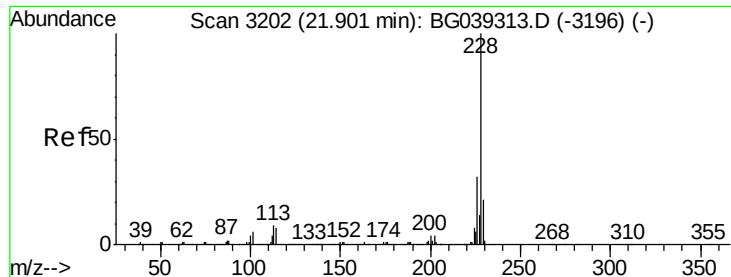
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 27.441 ng

RT: 21.88 min Scan# 3198

Delta R.T. -0.02 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

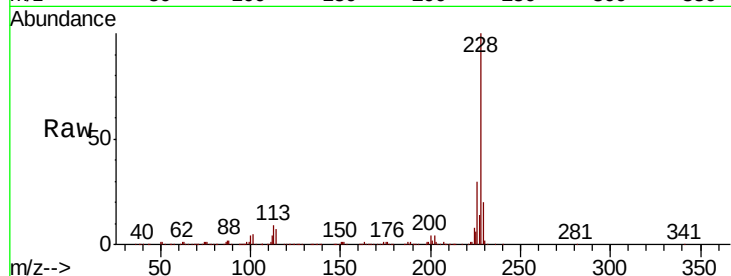
Tgt Ion:228 Resp: 614580

Ion Ratio Lower Upper

228 100

226 30.0 25.8 38.6

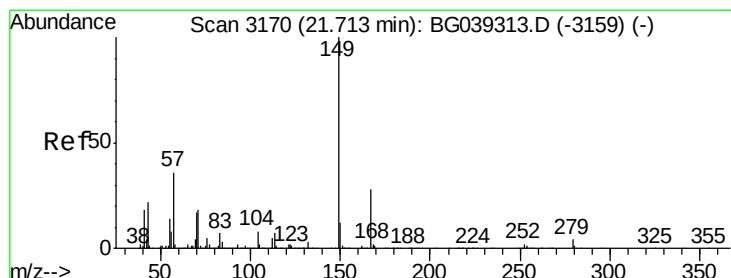
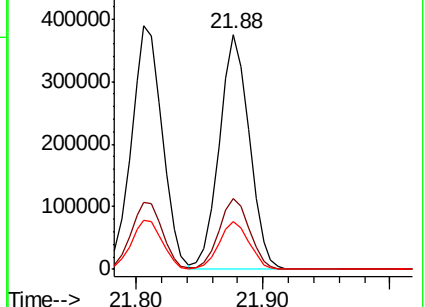
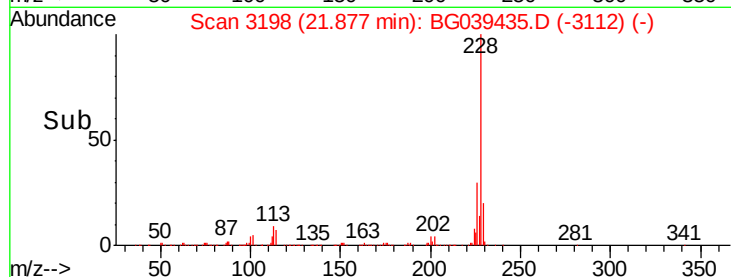
229 20.3 16.6 25.0



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: 25.842 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

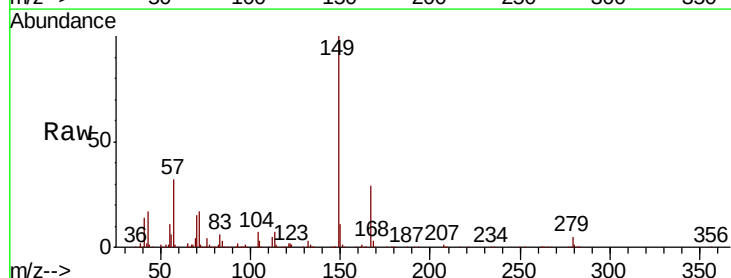
Tgt Ion:149 Resp: 385478

Ion Ratio Lower Upper

149 100

167 29.3 22.6 34.0

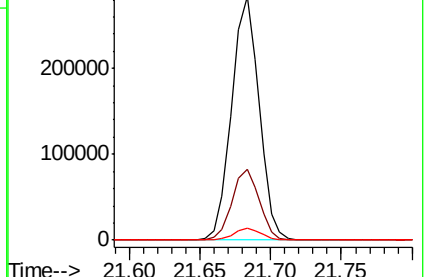
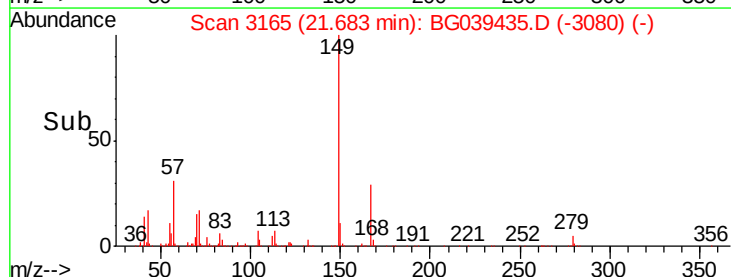
279 5.1 3.5 5.3

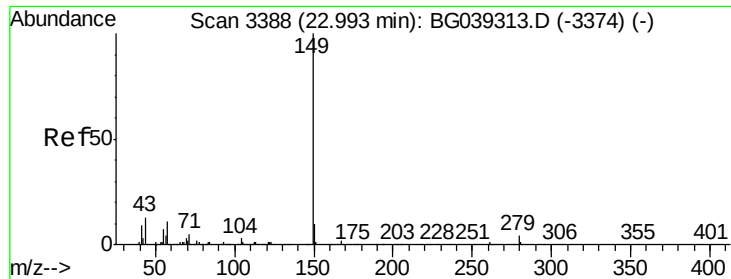


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 27.127 ng

RT: 22.95 min Scan# 3380

Delta R.T. -0.05 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

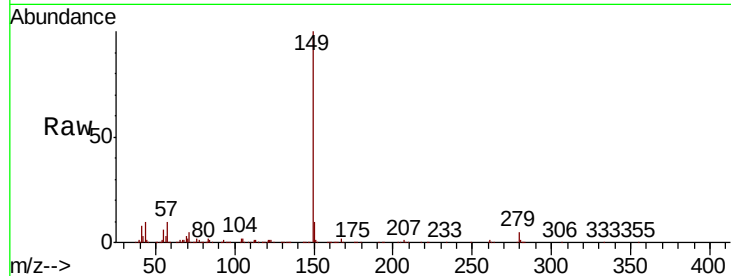
Tgt Ion:149 Resp: 668529

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

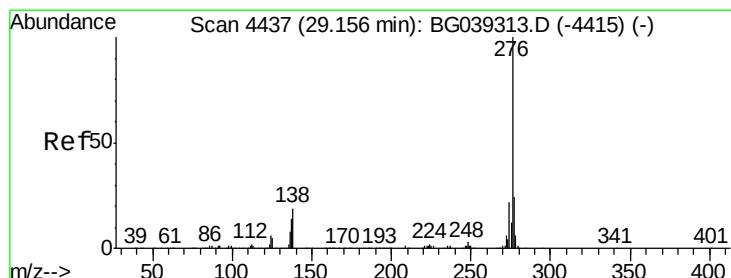
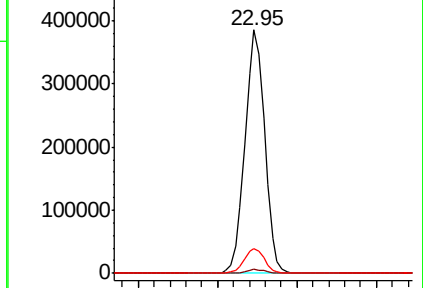
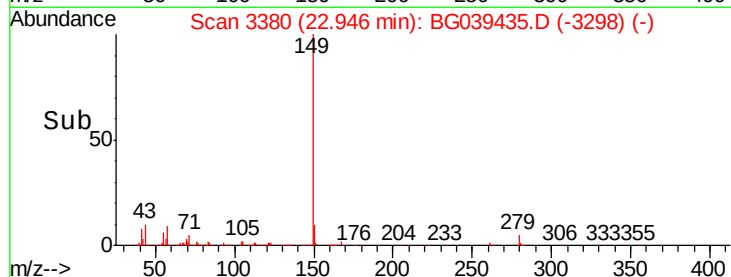
43 10.3 10.2 15.4



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: 30.103 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.07 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

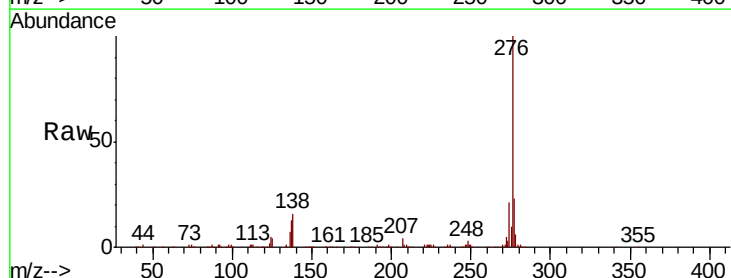
Tgt Ion:276 Resp: 723357

Ion Ratio Lower Upper

276 100

138 14.9 12.6 19.0

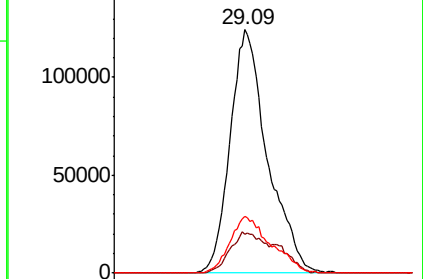
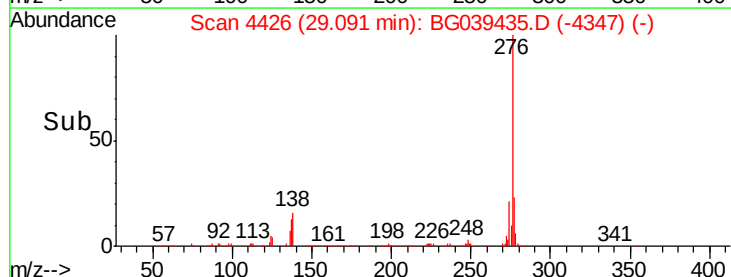
277 25.4 20.8 31.2

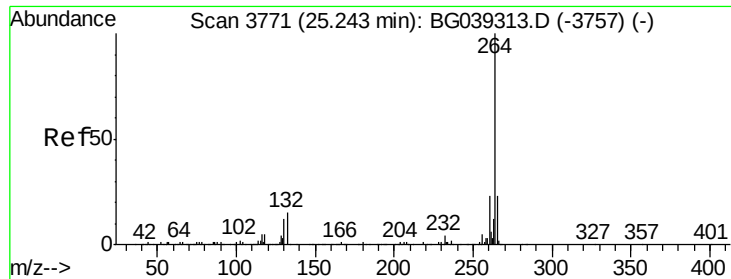


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3765

Delta R.T. -0.04 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

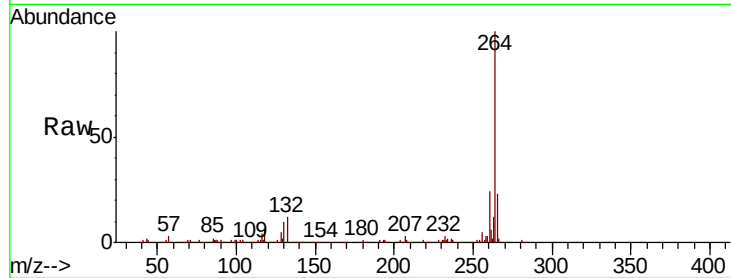
Tgt Ion:264 Resp: 408218

Ion Ratio Lower Upper

264 100

260 24.1 18.2 27.4

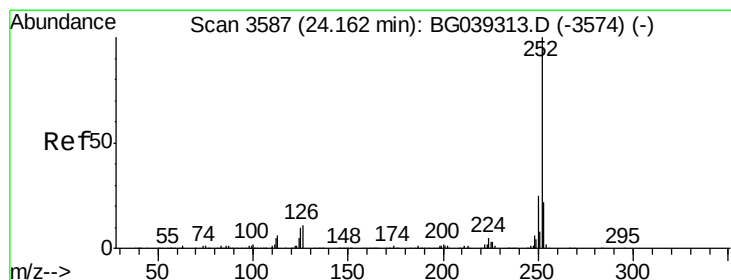
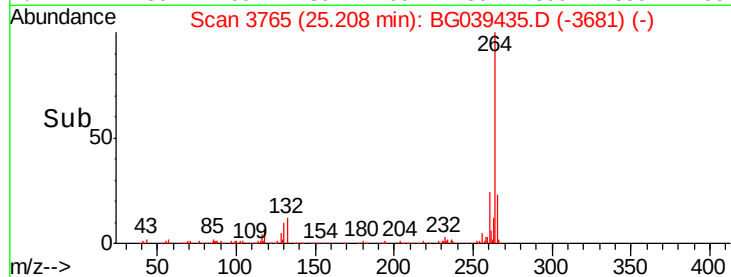
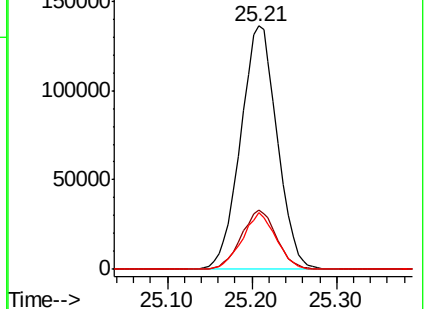
265 23.2 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 28.797 ng

RT: 24.13 min Scan# 3581

Delta R.T. -0.04 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

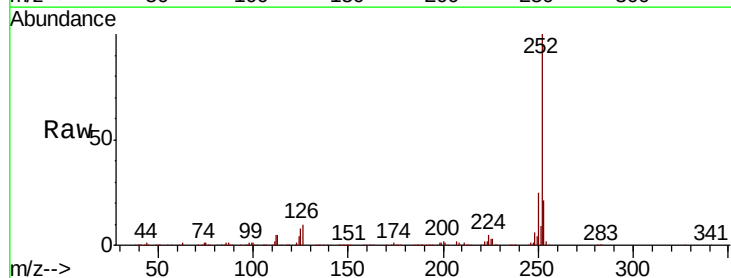
Tgt Ion:252 Resp: 641081

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

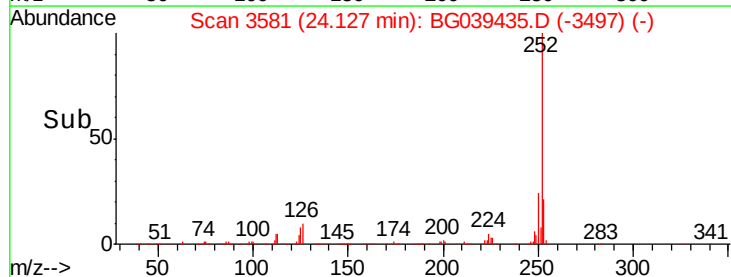
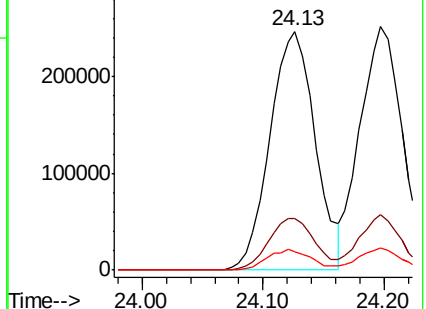
125 7.9 7.8 11.6



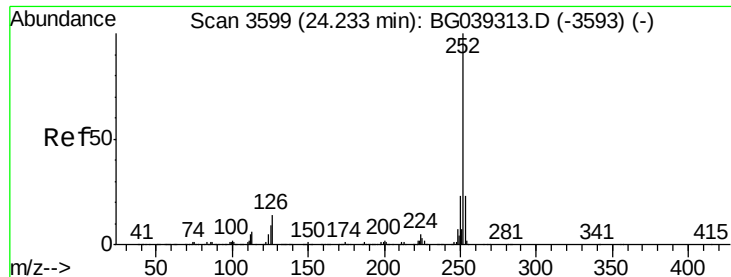
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



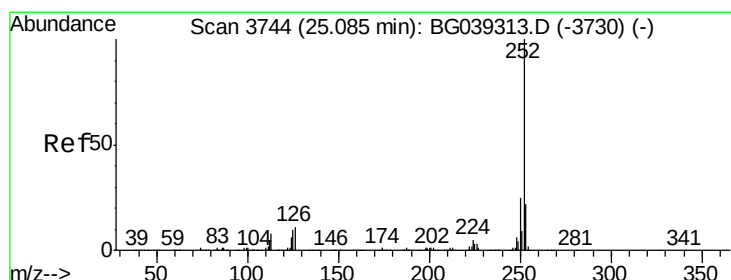
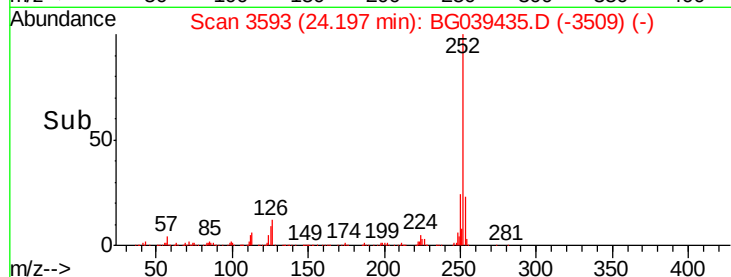
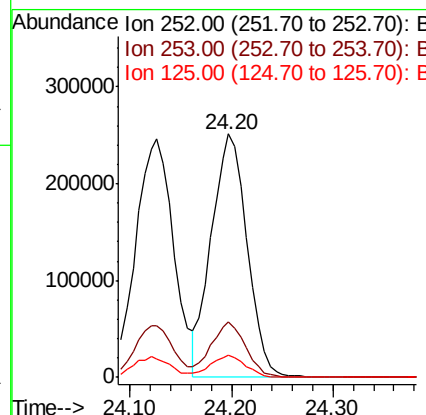
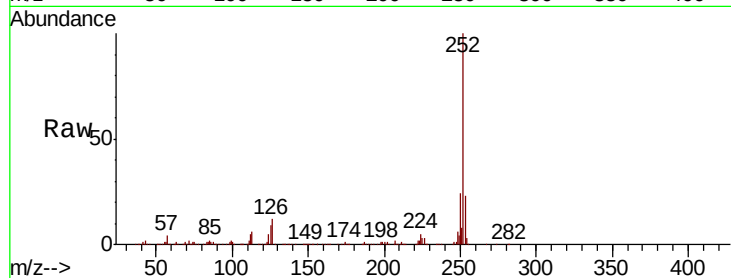




#89  
Benzo(k)fluoranthene  
Concen: 27.394 ng  
RT: 24.20 min Scan# 3593  
Delta R.T. -0.04 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

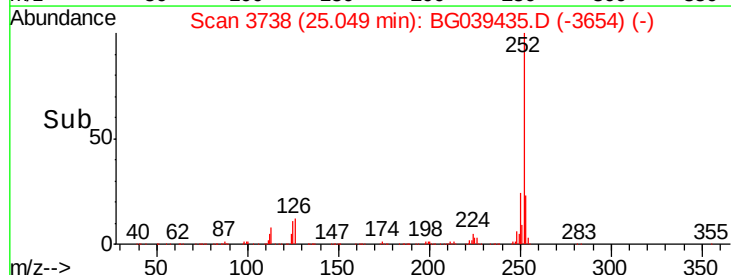
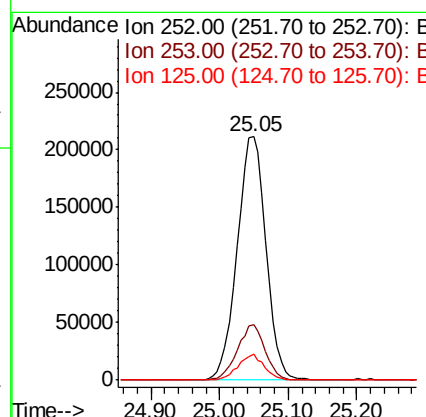
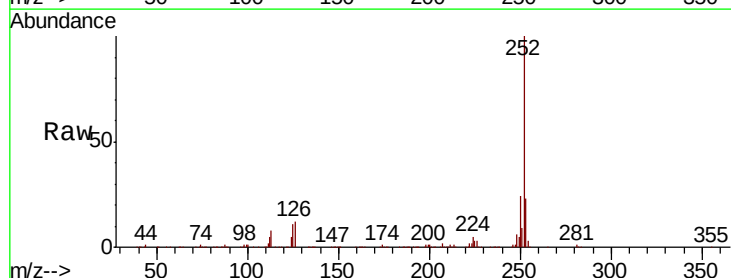
Instrument :  
BNA\_G  
ClientSampleId :  
PB116987BS

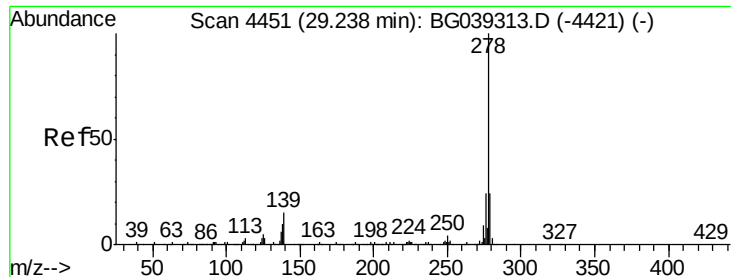
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 23.0  | 18.2  | 27.2  |
| 125     | 9.1   | 7.4   | 11.2  |



#90  
Benzo(a)pyrene  
Concen: 28.724 ng  
RT: 25.05 min Scan# 3738  
Delta R.T. -0.04 min  
Lab File: BG039435.D  
Acq: 11 Feb 2019 15:35

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.9  | 17.9  | 26.9  |
| 125     | 10.6  | 8.3   | 12.5  |





#91

Dibenzo(a,h)anthracene

Concen: 29.023 ng

RT: 29.17 min Scan# 4439

Delta R.T. -0.07 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

Instrument :

BNA\_G

ClientSampleId :

PB116987BS

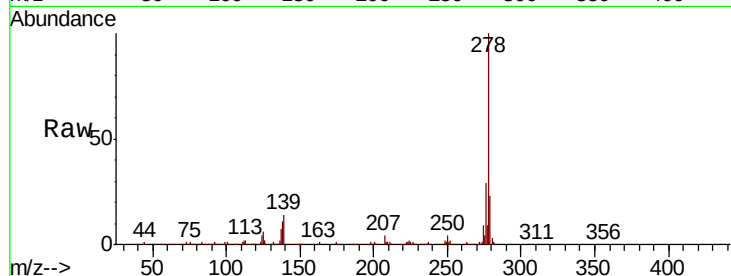
Tgt Ion:278 Resp: 582739

Ion Ratio Lower Upper

278 100

139 13.9 11.7 17.5

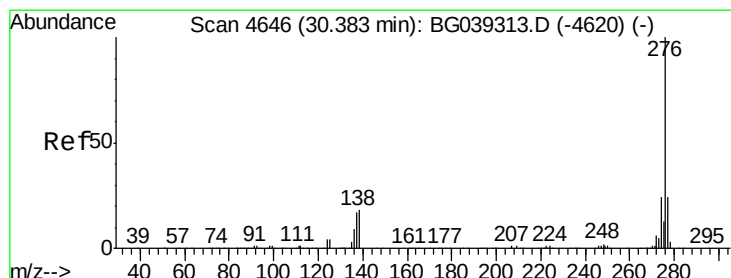
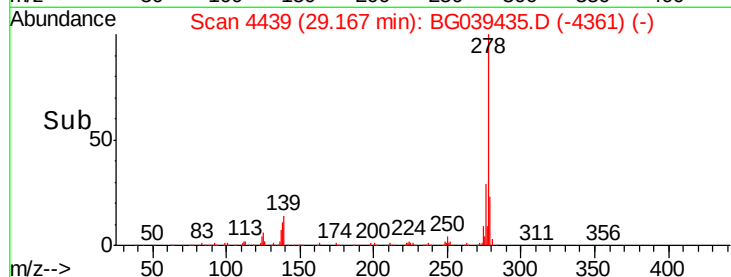
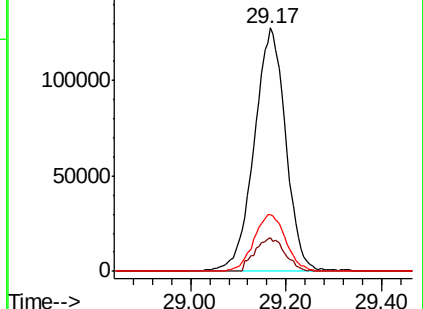
279 23.3 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 30.000 ng

RT: 30.32 min Scan# 4635

Delta R.T. -0.07 min

Lab File: BG039435.D

Acq: 11 Feb 2019 15:35

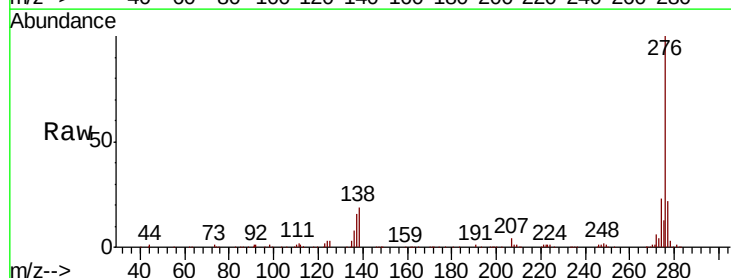
Tgt Ion:276 Resp: 600389

Ion Ratio Lower Upper

276 100

277 22.4 19.6 29.4

138 19.3 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

