

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG012519\  
 Data File : BG039308.D  
 Acq On : 26 Jan 2019 12:21  
 Operator : JU/SJ  
 Sample : PB116618BSD  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116618BSD

Quant Time: Jan 28 03:19:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 04:20:14 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 13266    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.82 | 136  | 62188    | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.65 | 164  | 38687    | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.40 | 188  | 108024   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.67 | 240  | 115758   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 24.92 | 264  | 124093   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 58259  | 83.31 | ng | 0.00  |
| 7) Phenol-d6             | 7.17  | 99  | 84774  | 84.23 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.18  | 82  | 71454  | 62.87 | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 16.14 | 330 | 48531  | 74.84 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.27 | 172 | 205400 | 72.66 | ng | 0.00  |
| 79) Terphenyl-d14        | 20.00 | 244 | 405993 | 64.88 | ng | 0.00  |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.43  | 88  | 8201   | 29.946 | ng | 84     |
| 3) Pyridine                    | 3.84  | 79  | 24671  | 33.154 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.77  | 42  | 14831  | 44.291 | ng | 99     |
| 6) Aniline                     | 7.33  | 93  | 15987  | 13.227 | ng | 97     |
| 8) 2-Chlorophenol              | 7.57  | 128 | 30132  | 36.552 | ng | 97     |
| 9) Benzaldehyde                | 7.15  | 77  | 6497   | 11.194 | ng | # 83   |
| 10) Phenol                     | 7.19  | 94  | 39746  | 39.391 | ng | 94     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93  | 25001  | 32.419 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146 | 31868  | 32.266 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146 | 33057  | 33.047 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146 | 31922  | 33.470 | ng | 99     |
| 15) Benzyl Alcohol             | 8.25  | 79  | 28673  | 37.832 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45  | 50885  | 34.411 | ng | 98     |
| 17) 2-Methylphenol             | 8.45  | 107 | 28581  | 40.793 | ng | 98     |
| 18) Hexachloroethane           | 9.08  | 117 | 11640  | 34.252 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 8.81  | 70  | 22082  | 33.413 | ng | # 97   |
| 20) 3+4-Methylphenols          | 8.78  | 107 | 37756  | 37.797 | ng | 96     |
| 22) Acetophenone               | 8.84  | 105 | 45070  | 27.752 | ng | # 97   |
| 24) Nitrobenzene               | 9.22  | 77  | 33420  | 29.093 | ng | 95     |
| 25) Isophorone                 | 9.74  | 82  | 75893  | 38.767 | ng | 98     |
| 26) 2-Nitrophenol              | 9.94  | 139 | 19835  | 31.923 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 9.98  | 122 | 34267  | 39.200 | ng | 92     |
| 28) bis(2-Chloroethoxy)methane | 10.22 | 93  | 39549  | 33.614 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.47 | 162 | 37332  | 34.376 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.68 | 180 | 39698  | 30.424 | ng | 96     |
| 31) Naphthalene                | 10.87 | 128 | 108770 | 34.873 | ng | 98     |
| 32) Benzoic acid               | 10.19 | 122 | 2696   | 13.475 | ng | # 89   |
| 33) 4-Chloroaniline            | 10.99 | 127 | 12511  | 8.964  | ng | 98     |
| 34) Hexachlorobutadiene        | 11.13 | 225 | 26415  | 29.421 | ng | 98     |
| 35) Caprolactam                | 11.77 | 113 | 9178   | 21.076 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 46785  | 40.279 | ng | 88     |
| 37) 2-Methylnaphthalene        | 12.47 | 142 | 83090  | 35.532 | ng | 100    |
| 38) 1-Methylnaphthalene        | 12.69 | 142 | 77628  | 34.585 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216 | 50189  | 34.544 | ng | 98     |

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 Sample : PB116618BSD  
 Misc :  
 ALS Vial : 32 Sample Multiplier: 1

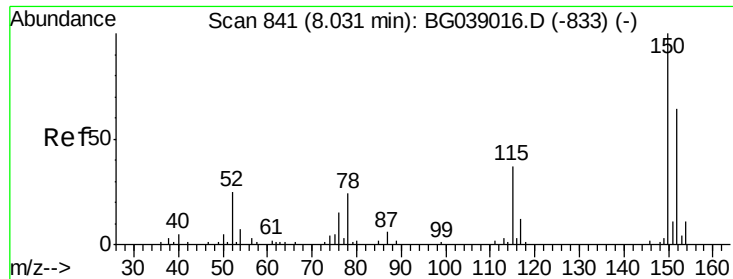
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116618BSD

Quant Time: Jan 28 03:19:21 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 18 04:20:14 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.80 | 237  | 53420    | 66.337 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.08 | 196  | 32918    | 35.998 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.16 | 196  | 36526    | 37.793 | ng    | 96       |
| 46) 1,1'-Biphenyl              | 13.48 | 154  | 104335   | 34.036 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.53 | 162  | 84041    | 33.878 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.74 | 65   | 25844    | 37.187 | ng    | 93       |
| 49) Acenaphthylene             | 14.37 | 152  | 138242   | 37.076 | ng    | 99       |
| 50) Dimethylphthalate          | 14.10 | 163  | 118993   | 36.398 | ng    | 98       |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 27099    | 37.076 | ng    | 95       |
| 52) Acenaphthene               | 14.71 | 154  | 79423    | 35.453 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.57 | 138  | 9334     | 12.589 | ng    | # 95     |
| 54) 2,4-Dinitrophenol          | 14.78 | 184  | 16126    | 39.804 | ng    | 96       |
| 55) Dibenzofuran               | 15.04 | 168  | 141729   | 35.822 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.88 | 139  | 39108    | 73.304 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 15.02 | 165  | 39211    | 37.393 | ng    | # 95     |
| 58) Fluorene                   | 15.69 | 166  | 115082   | 38.642 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.27 | 232  | 35076    | 38.447 | ng    | # 99     |
| 60) Diethylphthalate           | 15.45 | 149  | 128794   | 38.237 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.68 | 204  | 67130    | 35.779 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.73 | 138  | 27722    | 35.890 | ng    | 93       |
| 63) Azobenzene                 | 15.98 | 77   | 96408    | 36.600 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.78 | 198  | 20346    | 25.423 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.90 | 169  | 106100   | 33.132 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.57 | 248  | 46731    | 33.653 | ng    | 96       |
| 68) Hexachlorobenzene          | 16.69 | 284  | 51810    | 34.193 | ng    | 98       |
| 69) Atrazine                   | 16.84 | 200  | 48351    | 35.541 | ng    | 97       |
| 70) Pentachlorophenol          | 17.04 | 266  | 40801    | 46.222 | ng    | 99       |
| 71) Phenanthrene               | 17.44 | 178  | 211785   | 37.091 | ng    | 99       |
| 72) Anthracene                 | 17.53 | 178  | 218852   | 38.766 | ng    | 100      |
| 73) Carbazole                  | 17.81 | 167  | 197417   | 35.423 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.33 | 149  | 237056   | 38.235 | ng    | 99       |
| 75) Fluoranthene               | 19.45 | 202  | 325232   | 45.947 | ng    | 99       |
| 77) Benzidine                  | 19.64 | 184  | 56734    | 16.024 | ng    | 99       |
| 78) Pyrene                     | 19.81 | 202  | 302119   | 40.954 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.68 | 149  | 104650   | 37.298 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.65 | 228  | 274133   | 38.902 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.56 | 252  | 42650    | 14.855 | ng    | 99       |
| 83) Chrysene                   | 21.72 | 228  | 256278   | 38.238 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.52 | 149  | 144768   | 37.159 | ng    | 95       |
| 85) Di-n-octyl phthalate       | 22.72 | 149  | 252226   | 38.288 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.66 | 276  | 394682   | 49.284 | ng    | # 92     |
| 88) Benzo(b)fluoranthene       | 23.88 | 252  | 279871   | 40.902 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 23.95 | 252  | 273362   | 40.406 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.77 | 252  | 264142   | 39.938 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.71 | 278  | 324696   | 49.357 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.83 | 276  | 264406   | 40.599 | ng    | 97       |

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



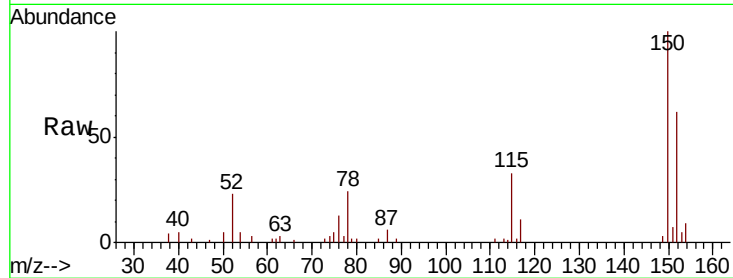


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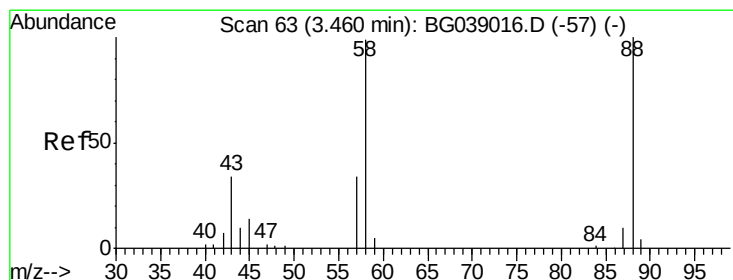
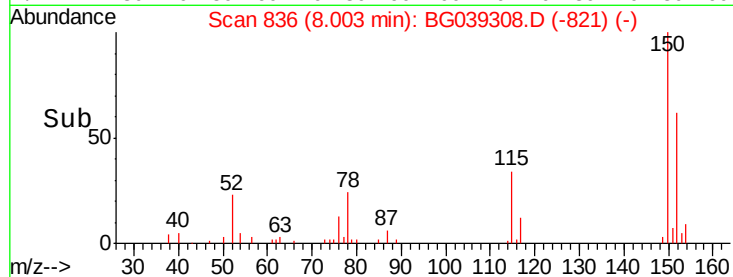
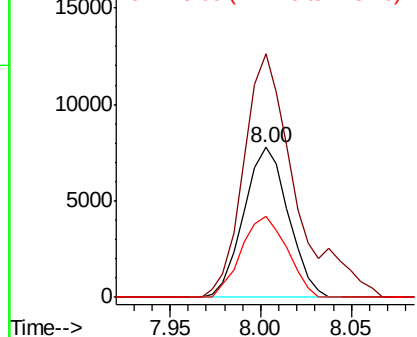
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 836  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

Instrument :  
BNA\_G  
ClientSampleId :  
PB116618BSD

Tgt Ion:152 Resp: 13266  
Ion Ratio Lower Upper  
152 100  
150 162.6 124.7 187.1  
115 53.8 46.5 69.7



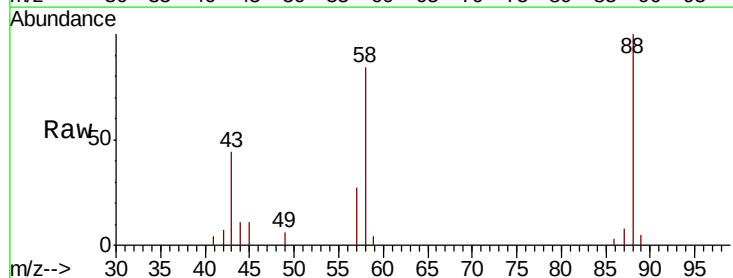
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



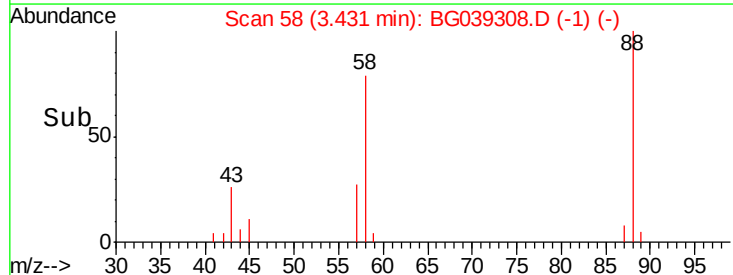
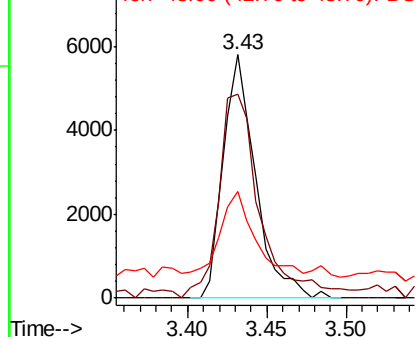
#2

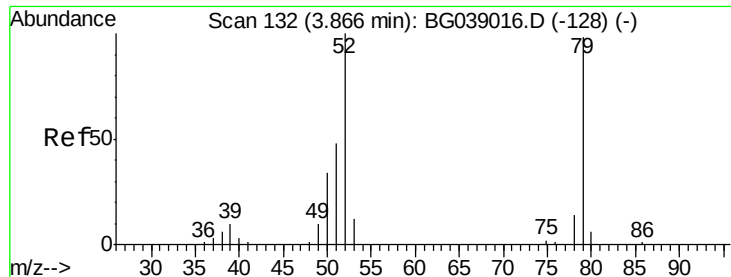
1,4-Dioxane  
Concen: 29.946 ng  
RT: 3.43 min Scan# 58  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

Tgt Ion: 88 Resp: 8201  
Ion Ratio Lower Upper  
88 100  
58 108.5 72.4 108.6  
43 39.1 27.6 41.4



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





#3

Pyridine

Concen: 33.154 ng

RT: 3.84 min Scan# 127

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

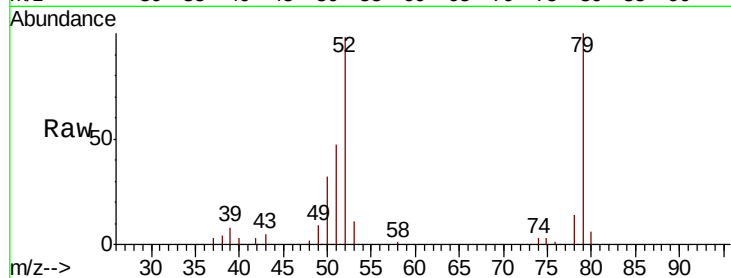
Tgt Ion: 79 Resp: 24671

Ion Ratio Lower Upper

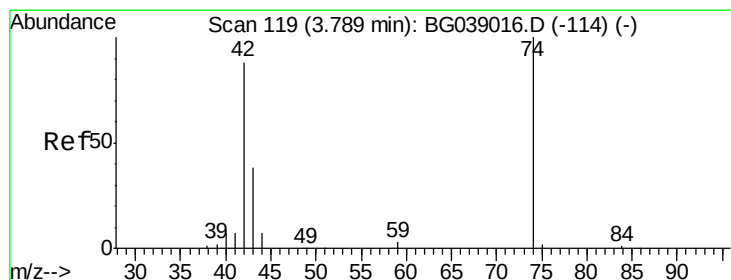
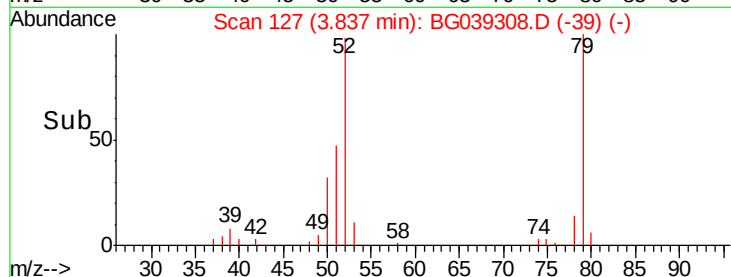
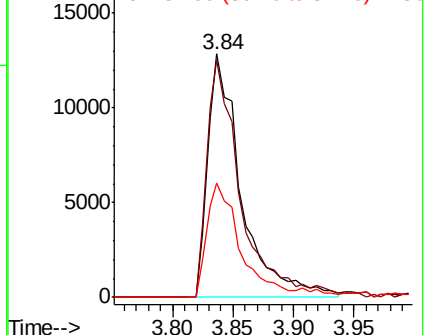
79 100

52 97.6 81.5 122.3

51 47.0 39.8 59.6



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 44.291 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

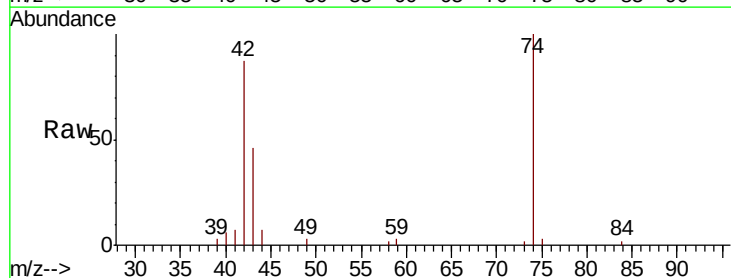
Tgt Ion: 42 Resp: 14831

Ion Ratio Lower Upper

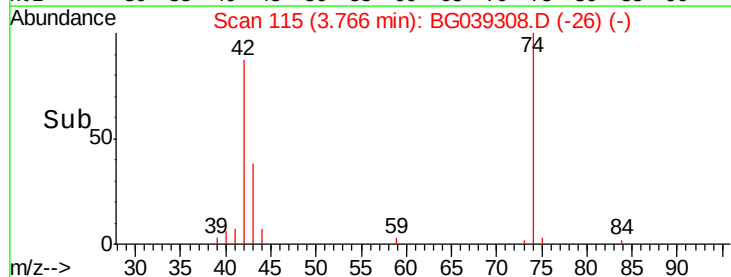
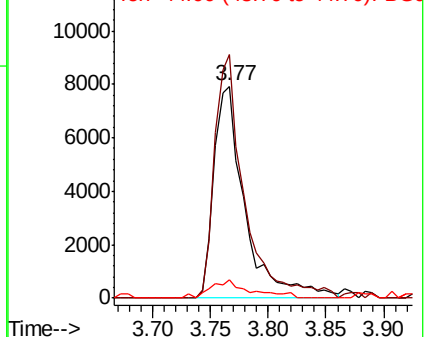
42 100

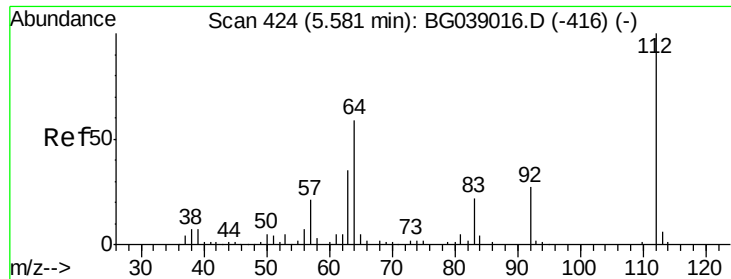
74 114.8 90.7 136.1

44 8.6 6.5 9.7



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 83.308 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

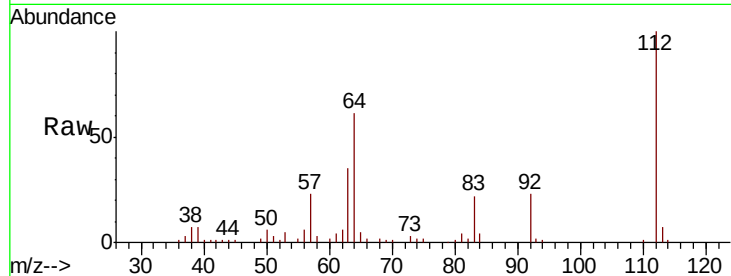
Tgt Ion: 112 Resp: 58259

Ion Ratio Lower Upper

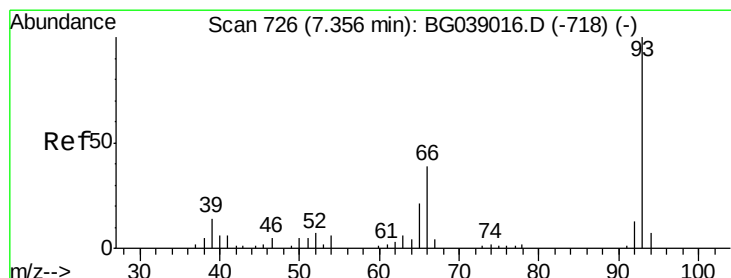
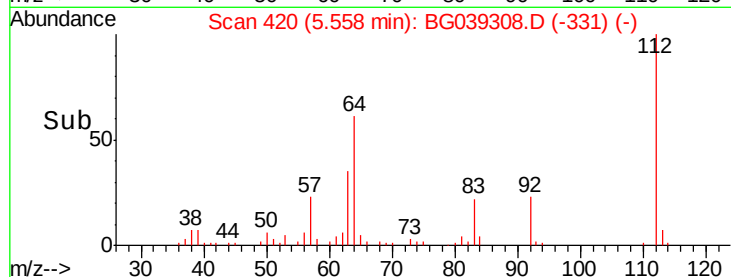
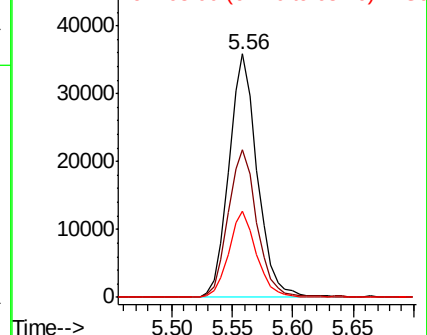
112 100

64 60.6 47.0 70.6

63 35.5 28.0 42.0



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: 13.227 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

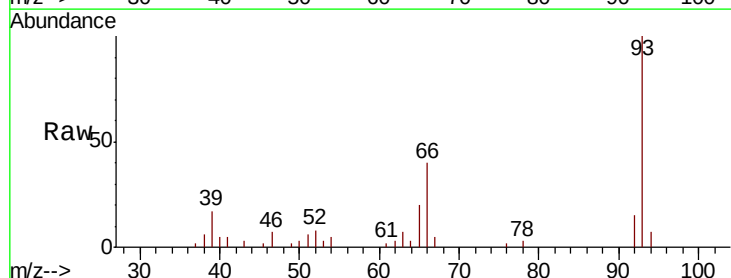
Tgt Ion: 93 Resp: 15987

Ion Ratio Lower Upper

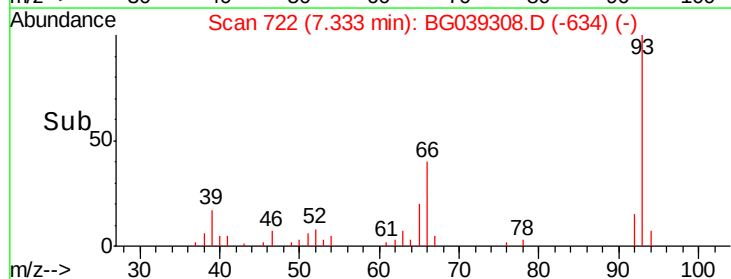
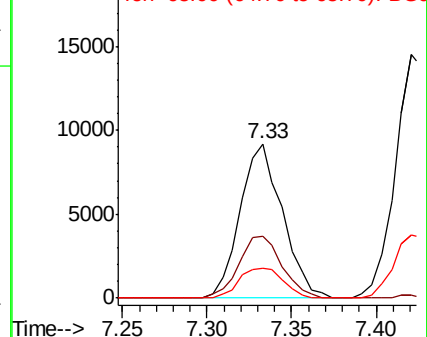
93 100

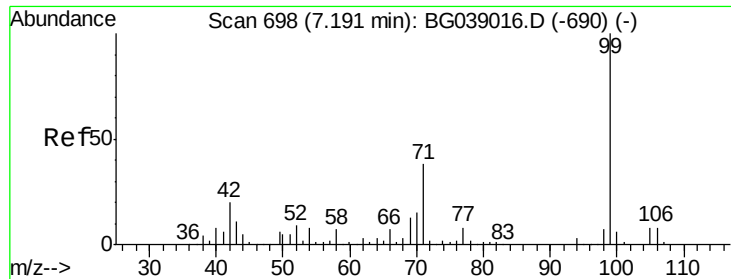
66 39.8 30.9 46.3

65 19.5 17.0 25.4



Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 84.234 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

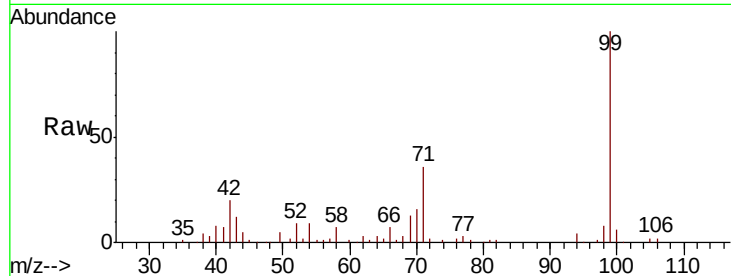
Tgt Ion: 99 Resp: 84774

Ion Ratio Lower Upper

99 100

42 19.7 15.8 23.6

71 36.3 30.2 45.4

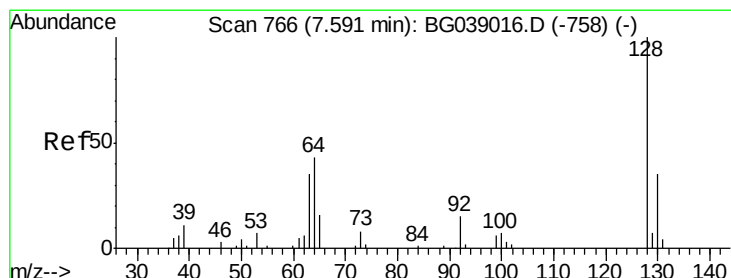
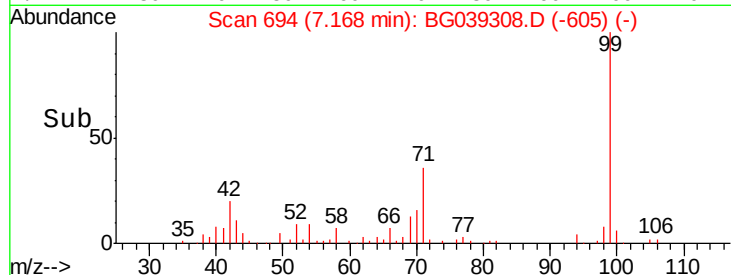
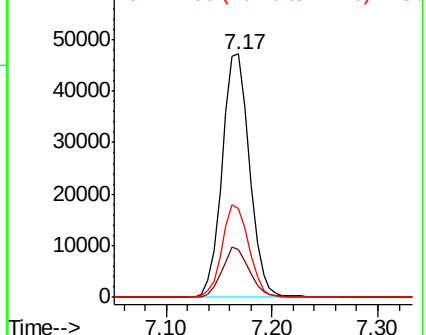


Abundance

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: 36.552 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

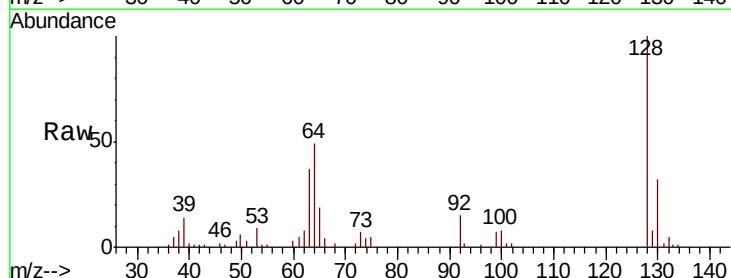
Tgt Ion: 128 Resp: 30132

Ion Ratio Lower Upper

128 100

130 31.7 14.5 54.5

64 48.6 27.3 67.3

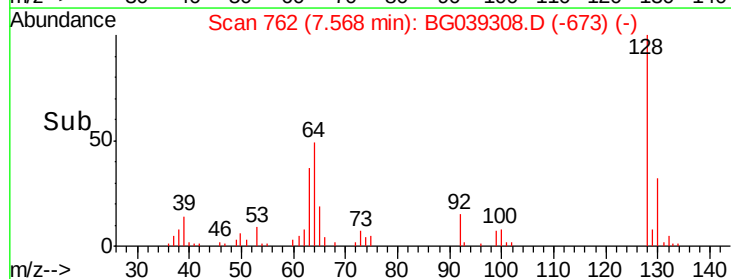
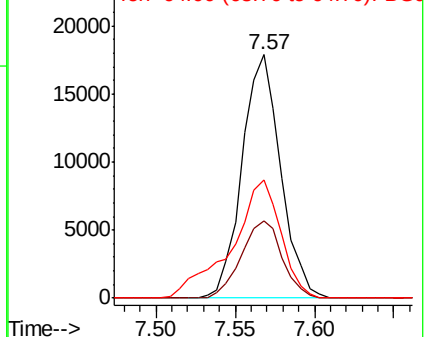


Abundance

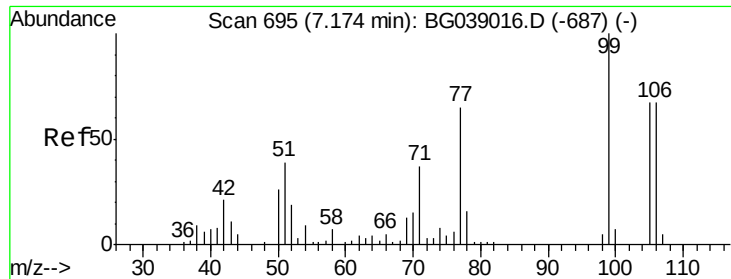
Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC







#9

Benzaldehyde

Concen: 11.194 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

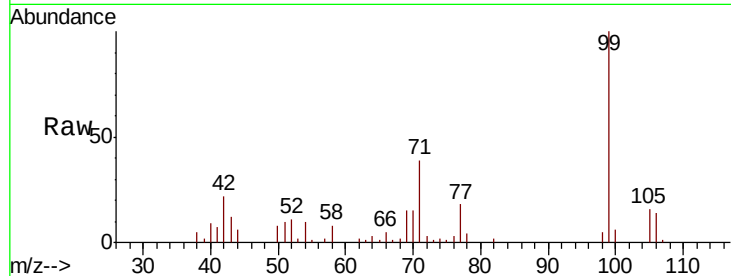
Tgt Ion: 77 Resp: 6497

Ion Ratio Lower Upper

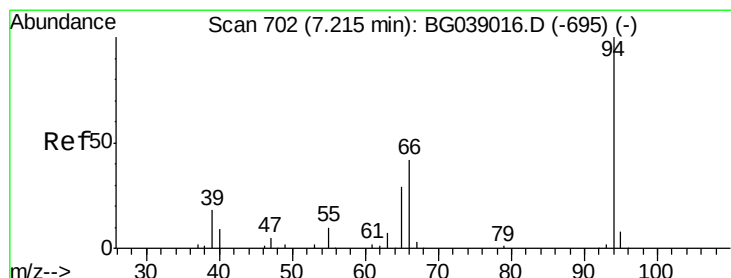
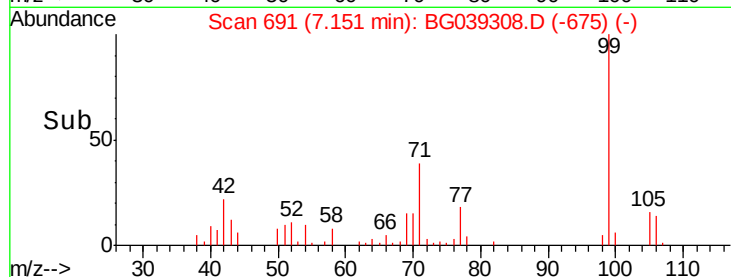
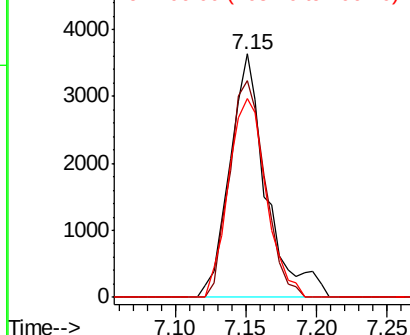
77 100

105 88.9 82.4 122.4

106 81.6 82.8 122.8#



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 39.391 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

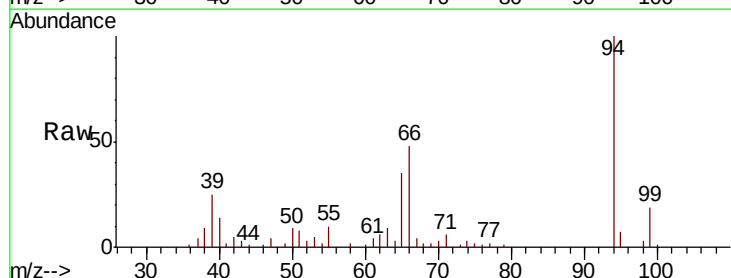
Tgt Ion: 94 Resp: 39746

Ion Ratio Lower Upper

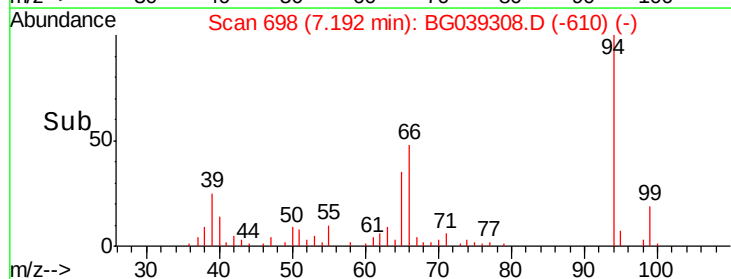
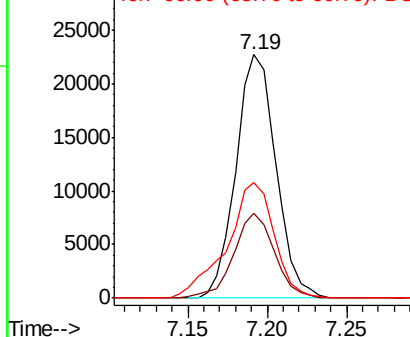
94 100

65 35.0 10.3 50.3

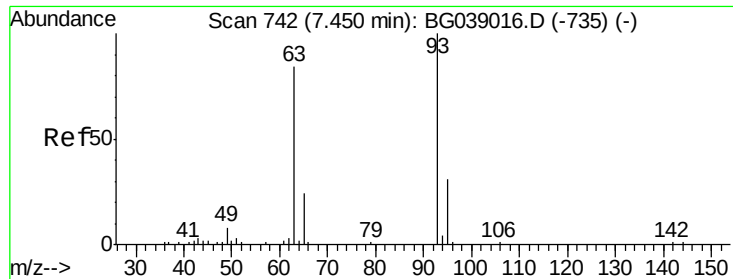
66 47.7 25.1 65.1



Abundance Ion 94.00 (93.70 to 94.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 66.00 (65.70 to 66.70): BGC



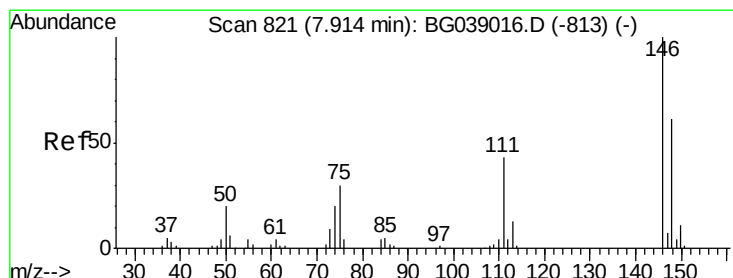
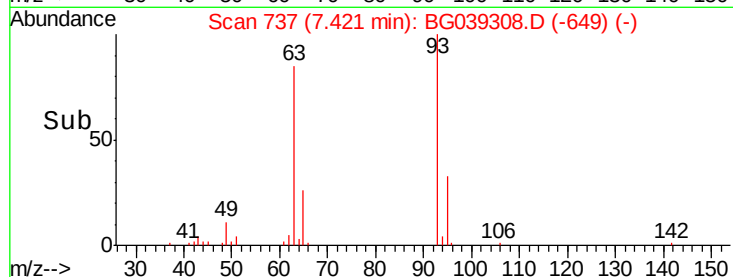
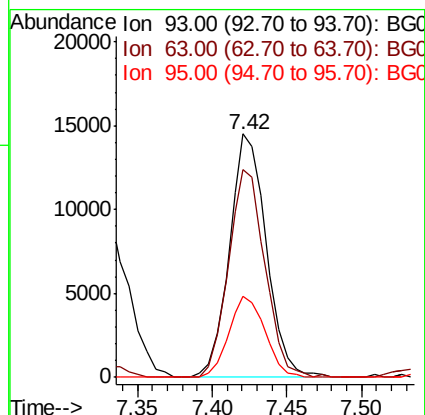
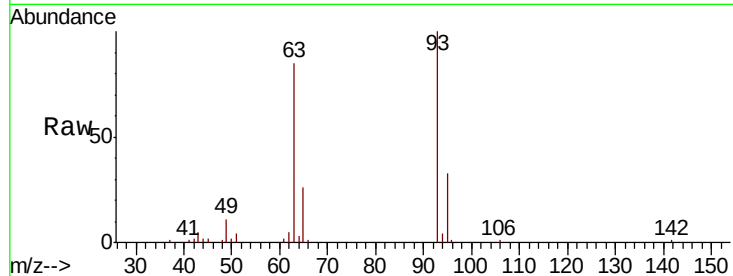




#11  
 bis(2-Chloroethyl)ether  
 Concen: 32.419 ng  
 RT: 7.42 min Scan# 737  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

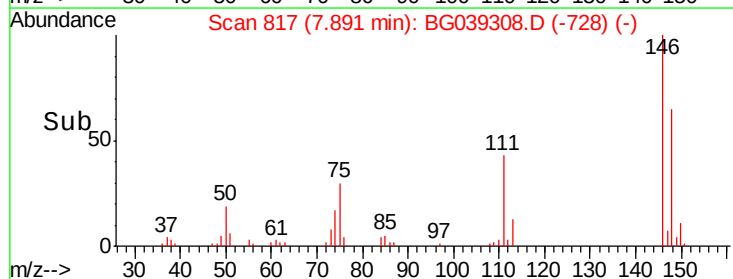
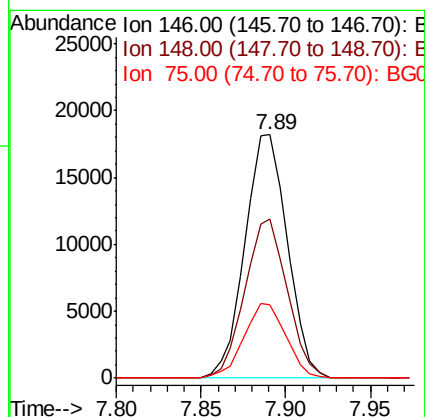
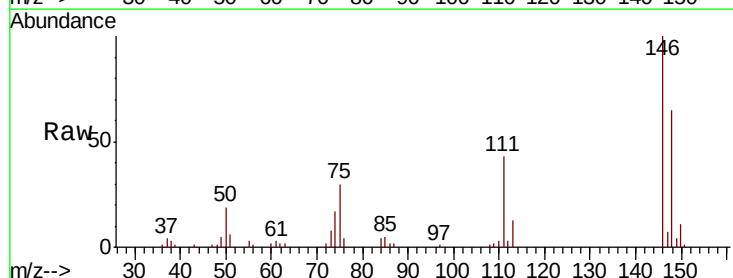
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116618BSD

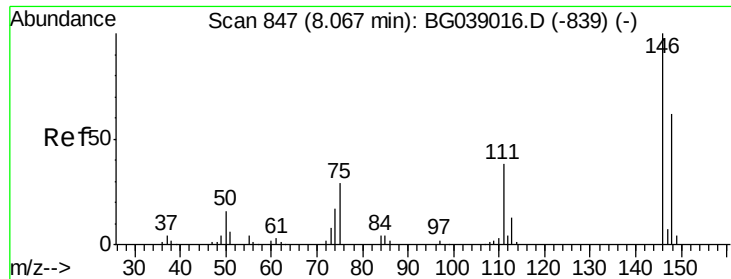
Tgt Ion: 93 Resp: 25001  
 Ion Ratio Lower Upper  
 93 100  
 63 85.3 63.2 103.2  
 95 33.1 11.2 51.2



#12  
 1,3-Dichlorobenzene  
 Concen: 32.266 ng  
 RT: 7.89 min Scan# 817  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Tgt Ion: 146 Resp: 31868  
 Ion Ratio Lower Upper  
 146 100  
 148 65.4 49.1 73.7  
 75 30.2 23.9 35.9

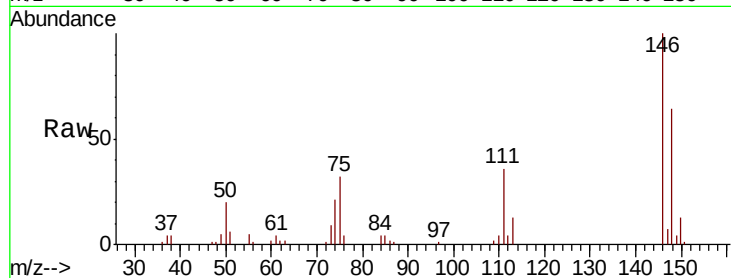




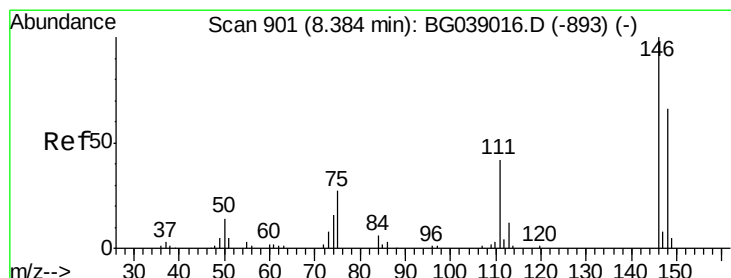
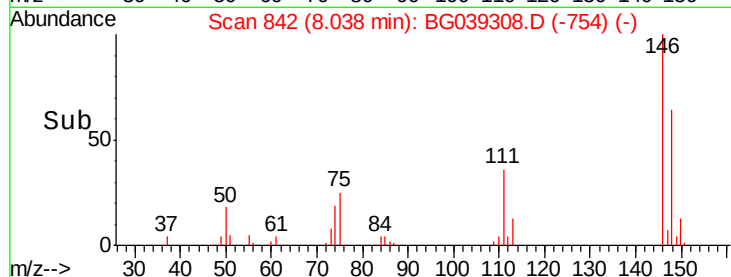
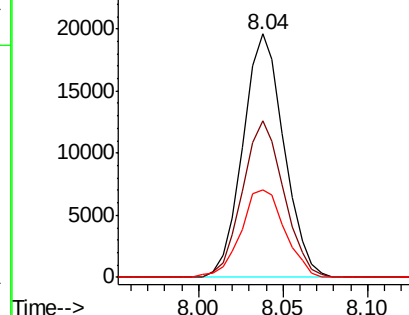
#13  
 1,4-Dichlorobenzene  
 Concen: 33.047 ng  
 RT: 8.04 min Scan# 842  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116618BSD

Tgt Ion:146 Resp: 33057  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 49.8 74.6  
 111 36.0 30.6 45.8

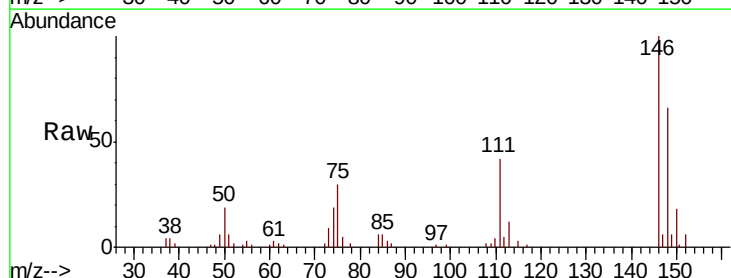


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

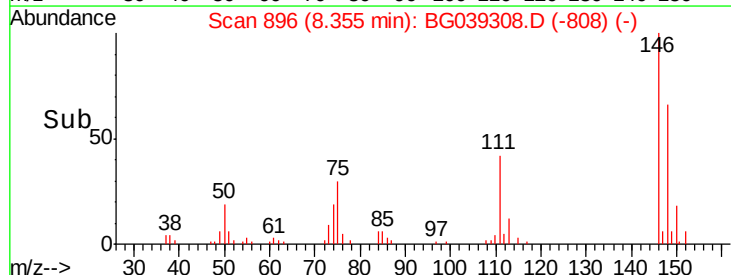
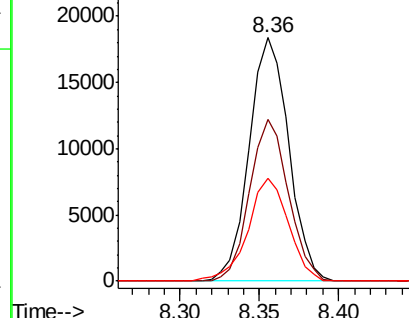


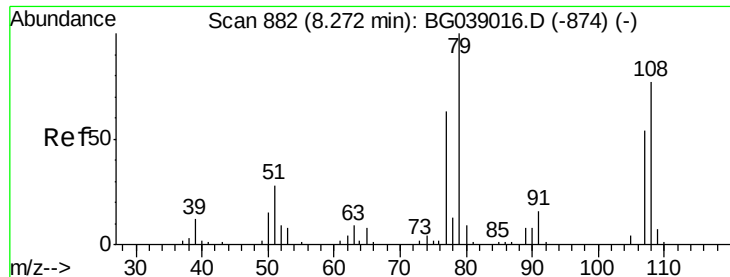
#14  
 1,2-Dichlorobenzene  
 Concen: 33.470 ng  
 RT: 8.36 min Scan# 896  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Tgt Ion:146 Resp: 31922  
 Ion Ratio Lower Upper  
 146 100  
 148 66.4 52.6 79.0  
 111 42.5 34.6 51.8



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





#15

Benzyl Alcohol

Concen: 37.832 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

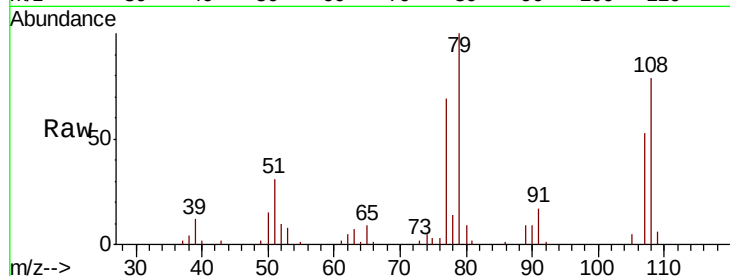
Tgt Ion: 79 Resp: 28673

Ion Ratio Lower Upper

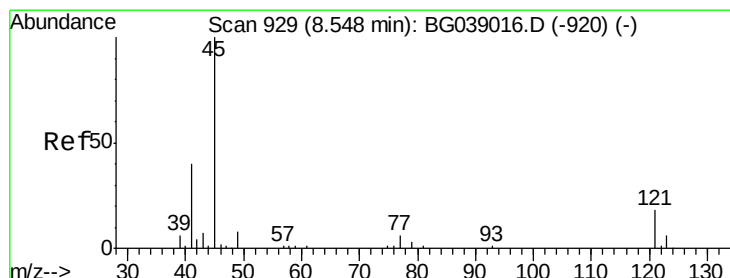
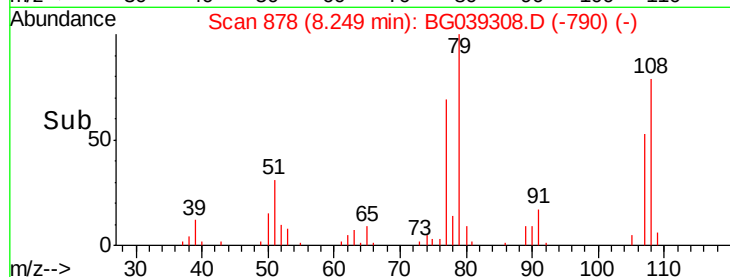
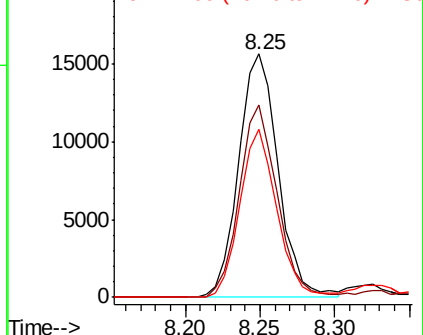
79 100

108 78.8 62.0 93.0

77 68.8 50.1 75.1



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.411 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

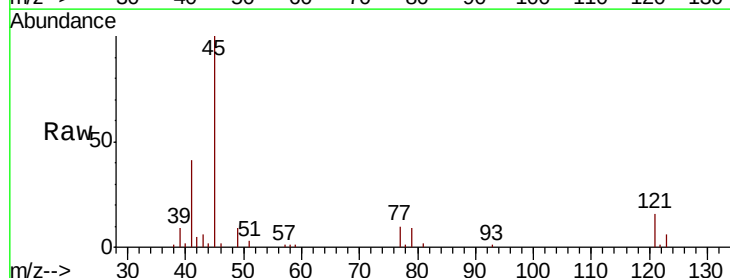
Tgt Ion: 45 Resp: 50885

Ion Ratio Lower Upper

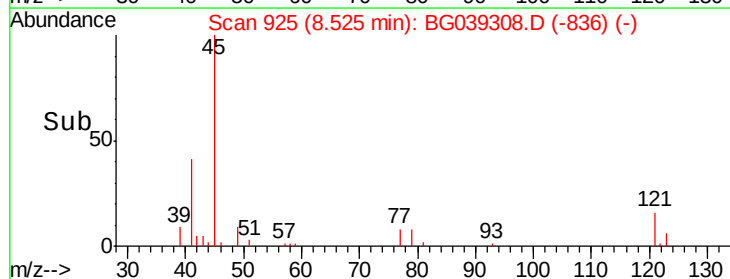
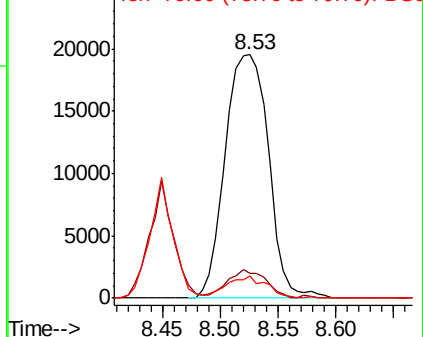
45 100

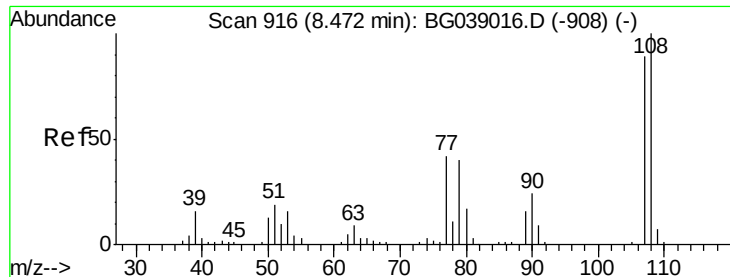
77 10.1 0.0 30.7

79 9.2 0.0 28.5



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

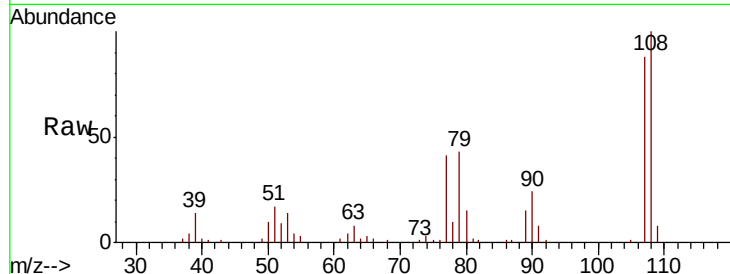




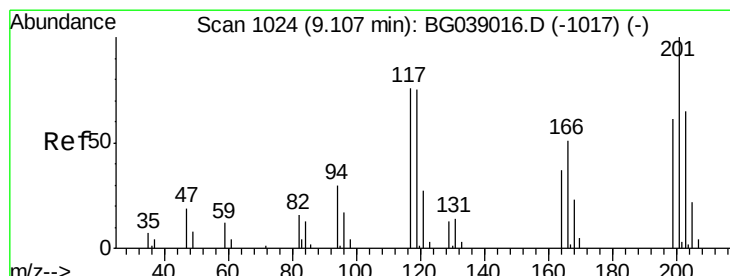
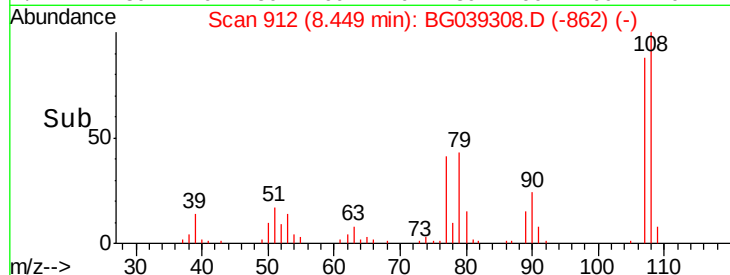
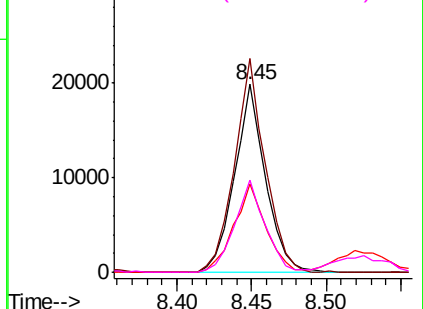
#17  
2-Methylphenol  
Concen: 40.793 ng  
RT: 8.45 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

Instrument :  
BNA\_G  
ClientSampleId :  
PB116618BSD

Tgt Ion:107 Resp: 28581  
Ion Ratio Lower Upper  
107 100  
108 113.7 90.3 135.5  
77 47.1 38.3 57.5  
79 48.8 35.8 53.6

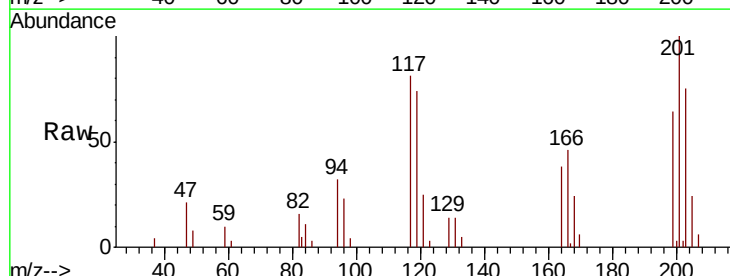


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

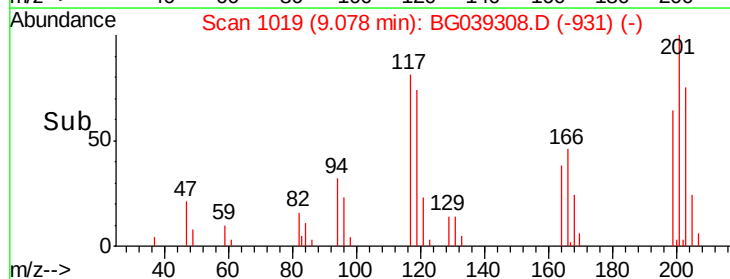
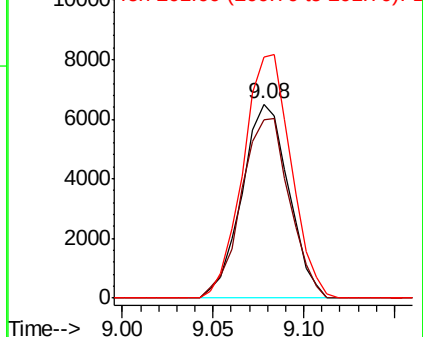


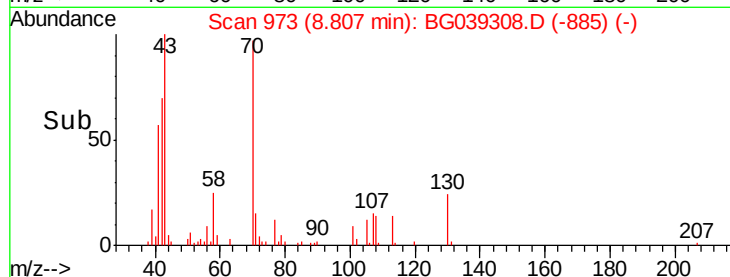
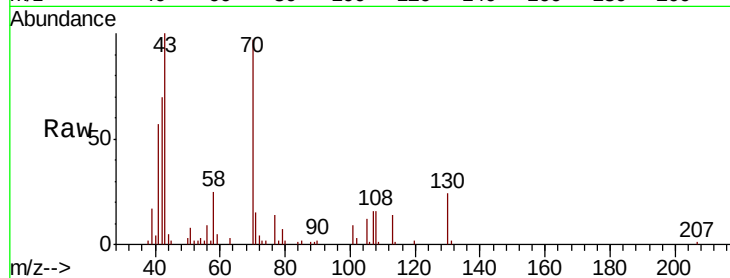
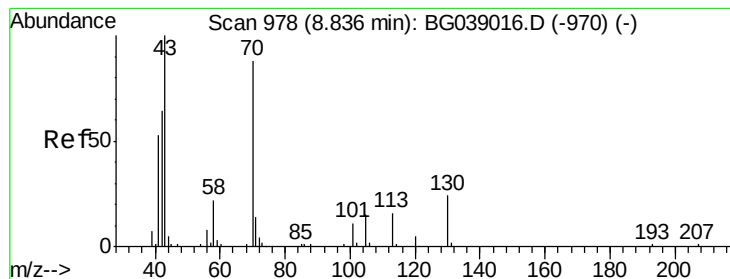
#18  
Hexachloroethane  
Concen: 34.252 ng  
RT: 9.08 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

Tgt Ion:117 Resp: 11640  
Ion Ratio Lower Upper  
117 100  
119 91.6 78.7 118.1  
201 124.1 108.1 162.1



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





#19

n-Nitroso-di-n-propylamine

Concen: 33.413 ng

RT: 8.81 min Scan# 973

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

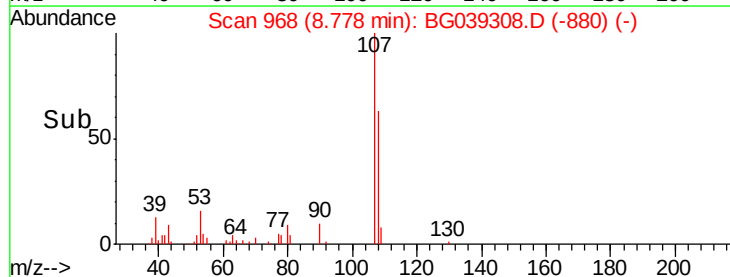
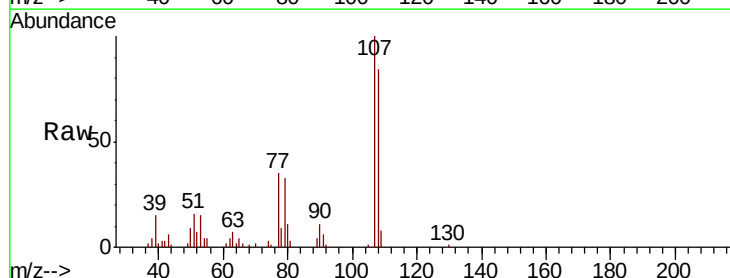
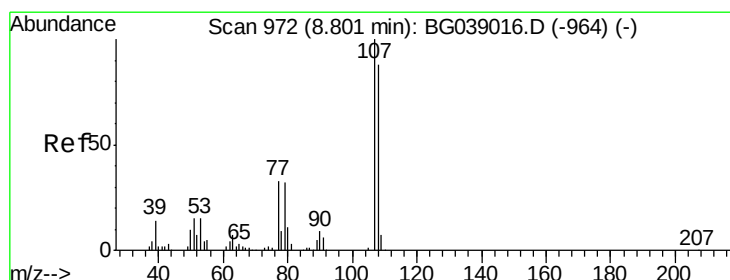
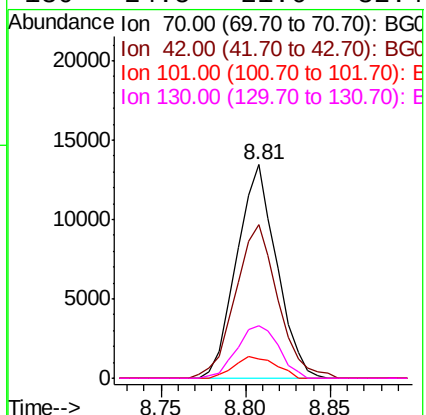
ClientSampleId :

PB116618BSD

Tgt Ion: 70 Resp: 22082

Ion Ratio Lower Upper

|     |      |      |      |
|-----|------|------|------|
| 70  | 100  |      |      |
| 42  | 72.2 | 59.0 | 88.4 |
| 101 | 9.0  | 10.4 | 15.6 |
| 130 | 24.5 | 21.6 | 32.4 |



#20

3+4-Methylphenols

Concen: 37.797 ng

RT: 8.78 min Scan# 968

Delta R.T. -0.01 min

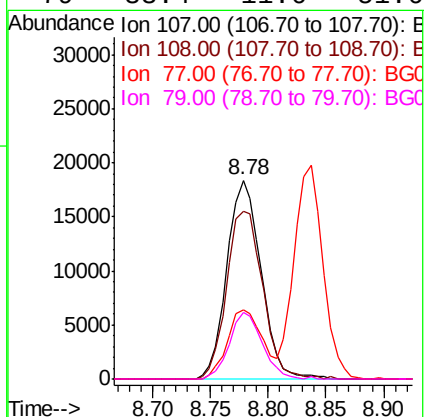
Lab File: BG039308.D

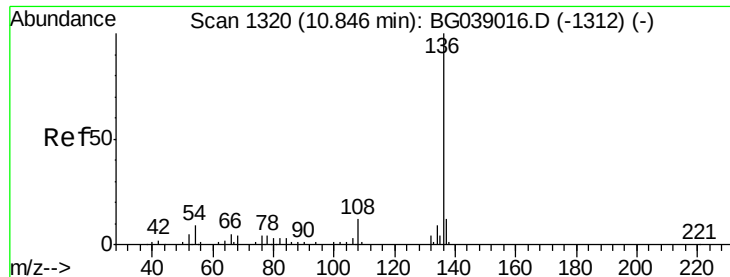
Acq: 26 Jan 2019 12:21

Tgt Ion: 107 Resp: 37756

Ion Ratio Lower Upper

|     |      |      |       |
|-----|------|------|-------|
| 107 | 100  |      |       |
| 108 | 84.0 | 68.4 | 108.4 |
| 77  | 34.7 | 13.3 | 53.3  |
| 79  | 33.4 | 11.6 | 51.6  |

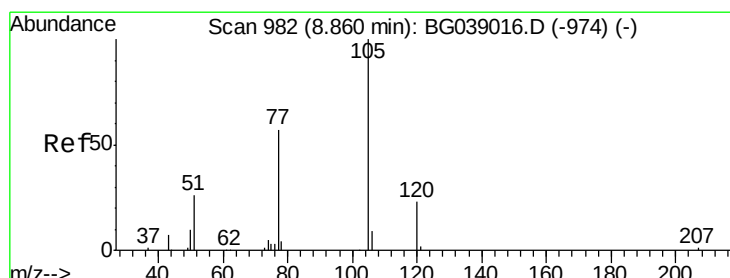
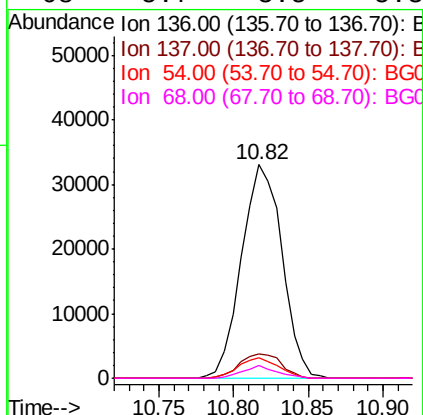
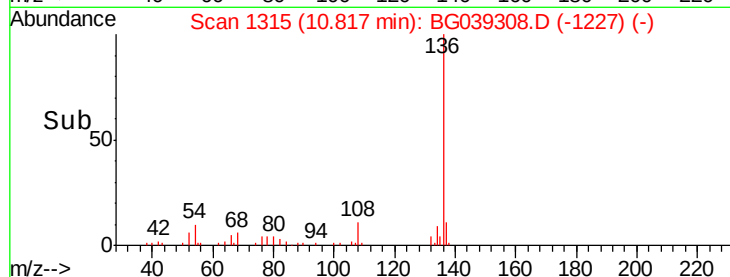
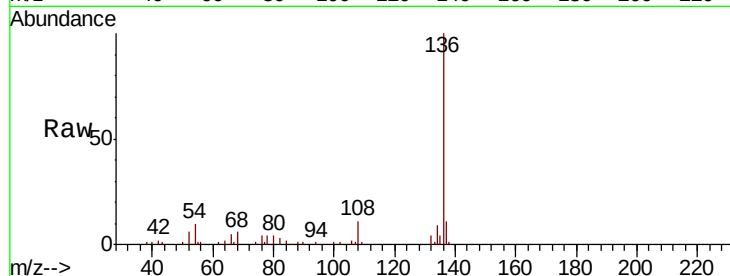




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.82 min Scan# 1315  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

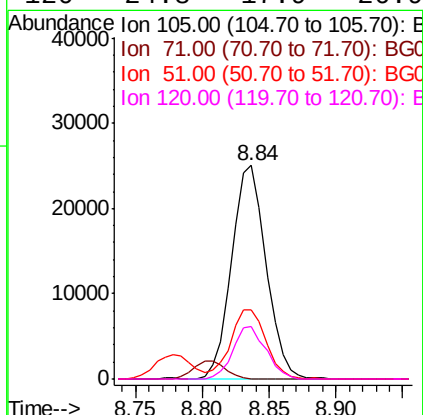
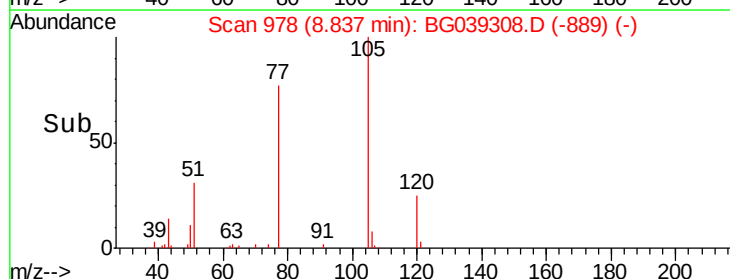
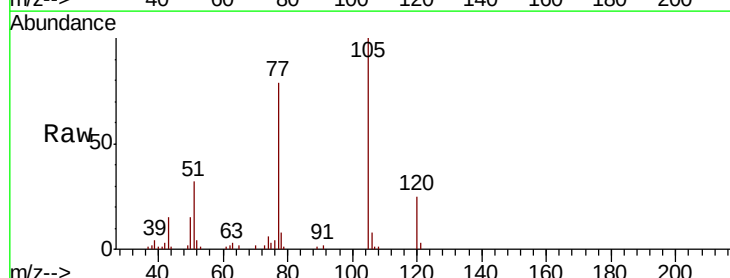
Instrument :  
BNA\_G  
ClientSampleId :  
PB116618BSD

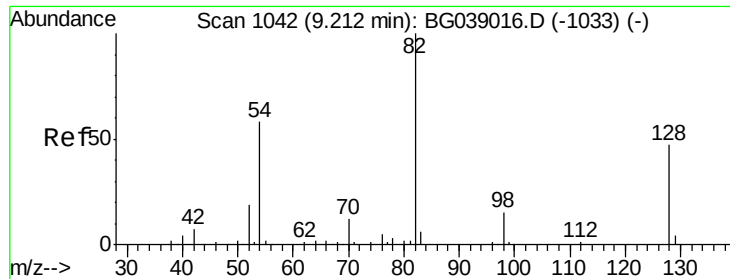
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 62188 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.4  | 9.4   | 14.2  |
| 54       | 9.8   | 7.2   | 10.8  |
| 68       | 5.7   | 3.5   | 5.3#  |



#22  
Acetophenone  
Concen: 27.752 ng  
RT: 8.84 min Scan# 978  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 45070 |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 0.0   | 0.6   | 1.0#  |
| 51       | 32.4  | 26.6  | 39.8  |
| 120      | 24.8  | 17.9  | 26.9  |

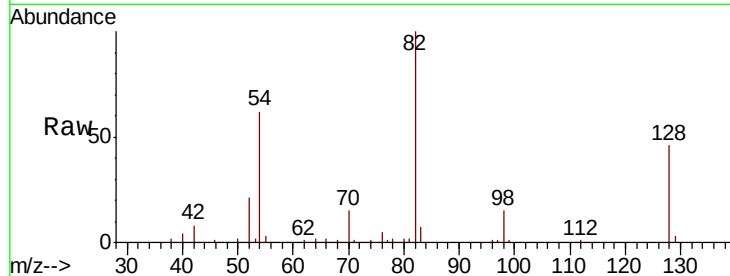




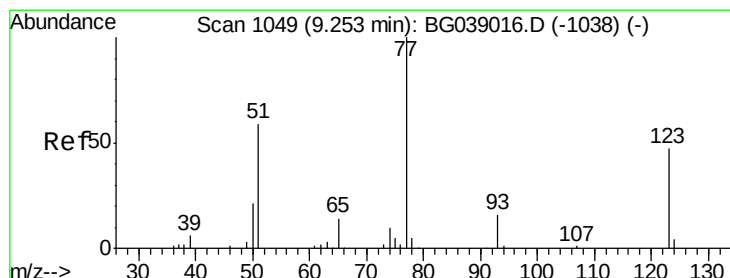
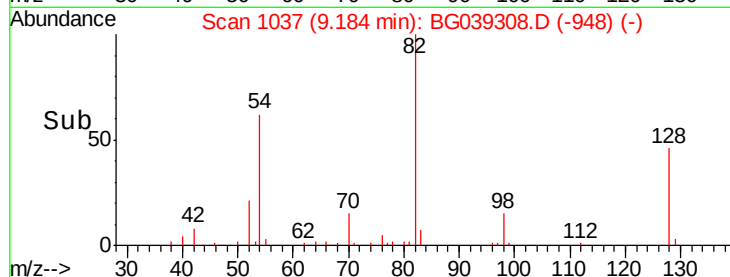
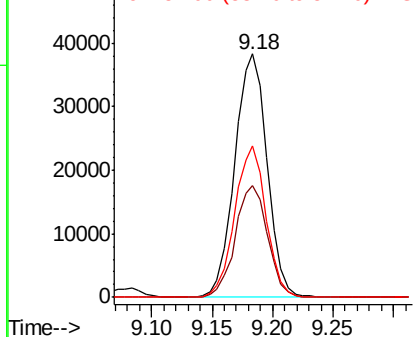
#23  
 Nitrobenzene-d5  
 Concen: 62.873 ng  
 RT: 9.18 min Scan# 1037  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116618BSD

Tgt Ion: 82 Resp: 71454  
 Ion Ratio Lower Upper  
 82 100  
 128 46.1 37.3 55.9  
 54 62.1 46.4 69.6

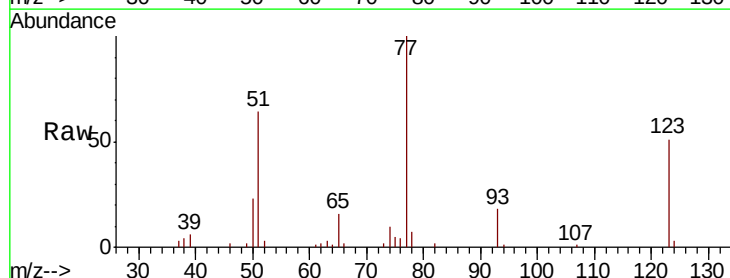


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

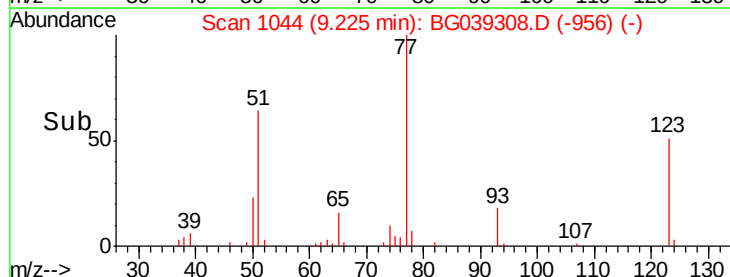
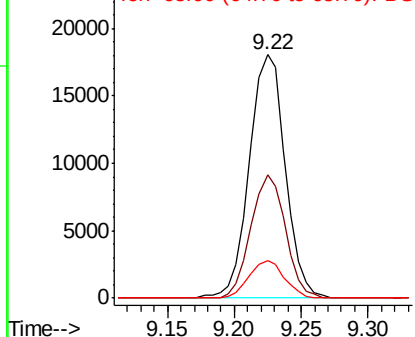


#24  
 Nitrobenzene  
 Concen: 29.093 ng  
 RT: 9.22 min Scan# 1044  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

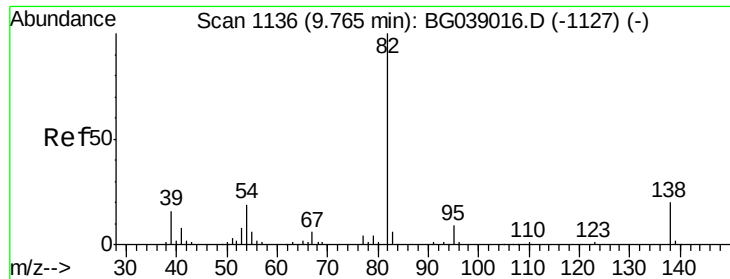
Tgt Ion: 77 Resp: 33420  
 Ion Ratio Lower Upper  
 77 100  
 123 50.6 37.6 56.4  
 65 15.6 11.0 16.6



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



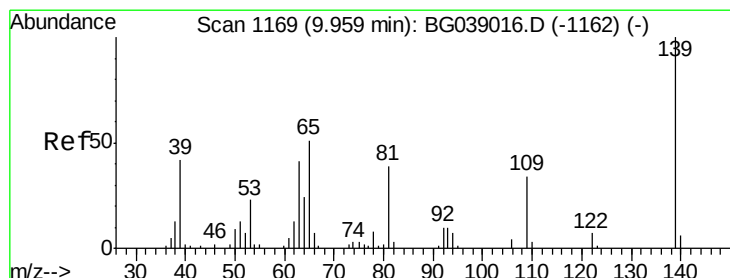
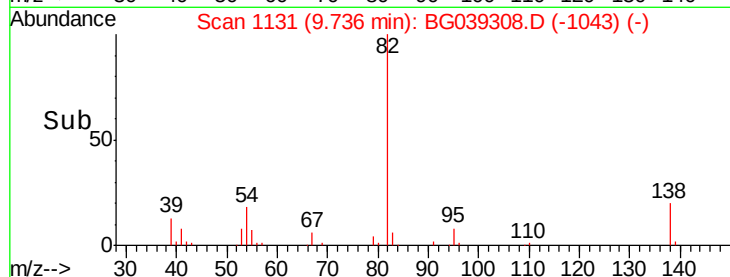
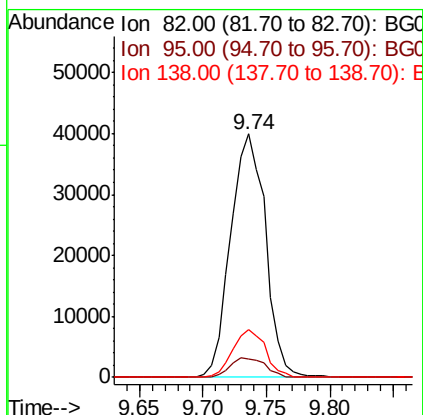
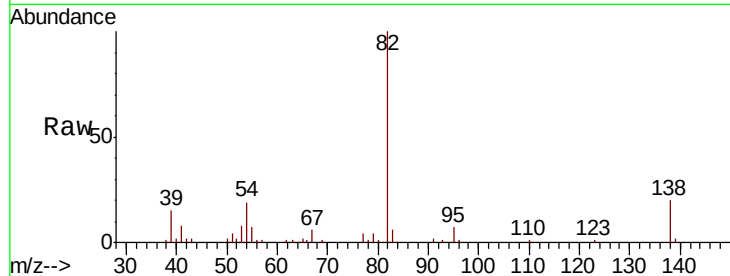




#25  
Isophorone  
Concen: 38.767 ng  
RT: 9.74 min Scan# 1131  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

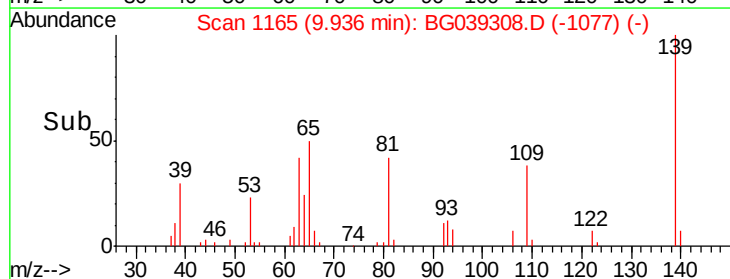
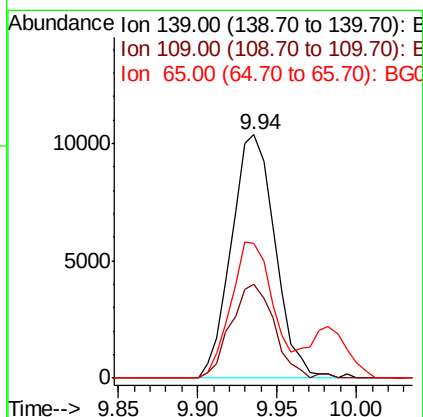
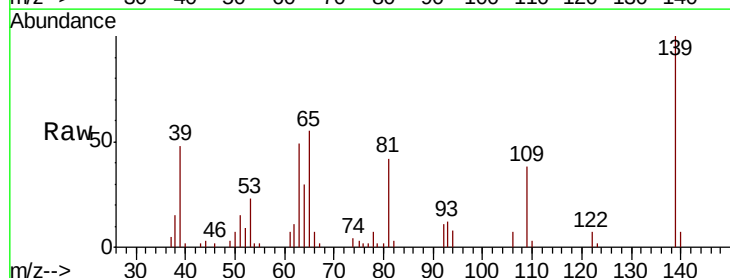
Instrument :  
BNA\_G  
ClientSampleId :  
PB116618BSD

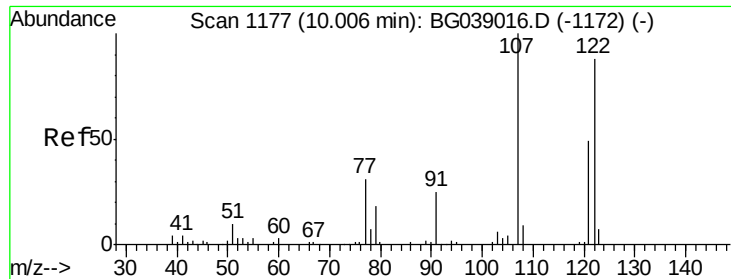
Tgt Ion: 82 Resp: 75893  
Ion Ratio Lower Upper  
82 100  
95 7.4 7.0 10.6  
138 19.8 16.2 24.4



#26  
2-Nitrophenol  
Concen: 31.923 ng  
RT: 9.94 min Scan# 1165  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

Tgt Ion: 139 Resp: 19835  
Ion Ratio Lower Upper  
139 100  
109 38.3 27.3 40.9  
65 55.3 40.6 61.0

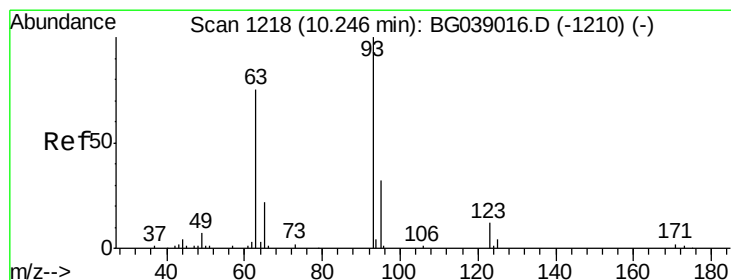
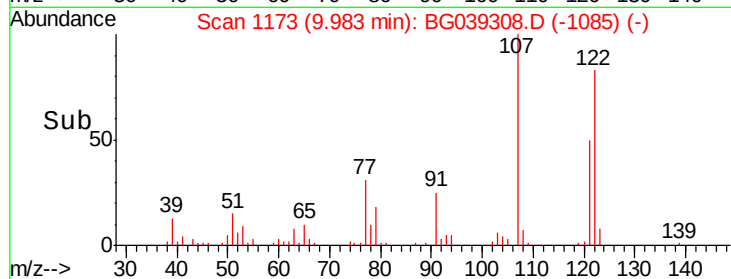
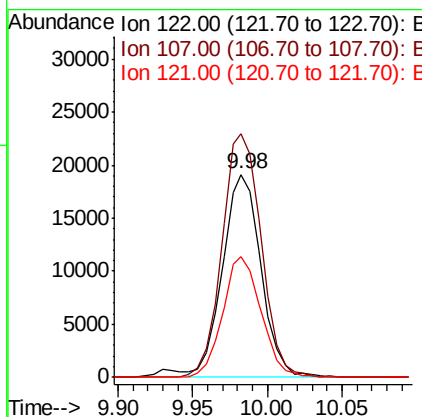
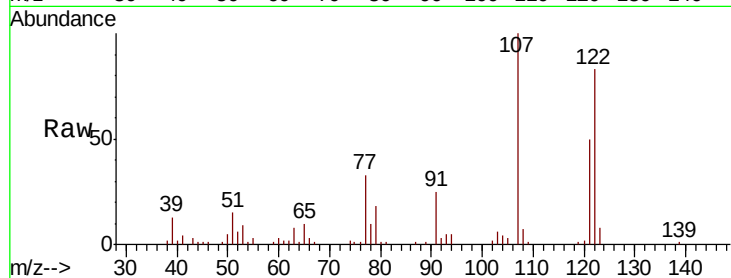




#27  
2,4-Dimethylphenol  
Concen: 39.200 ng  
RT: 9.98 min Scan# 1173  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

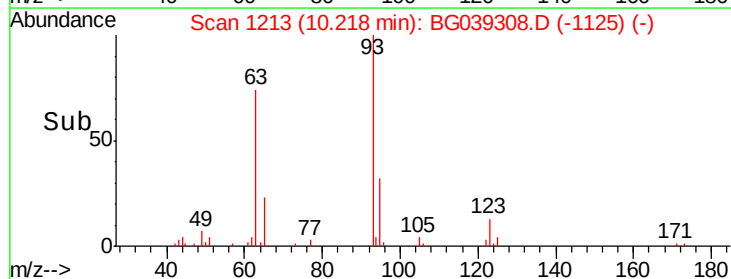
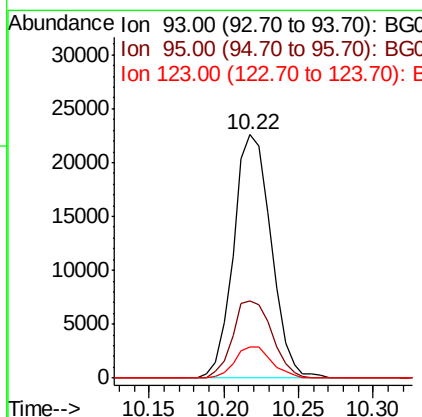
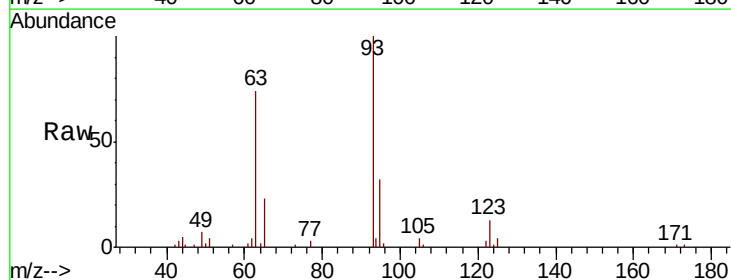
Instrument :  
BNA\_G  
ClientSampleId :  
PB116618BSD

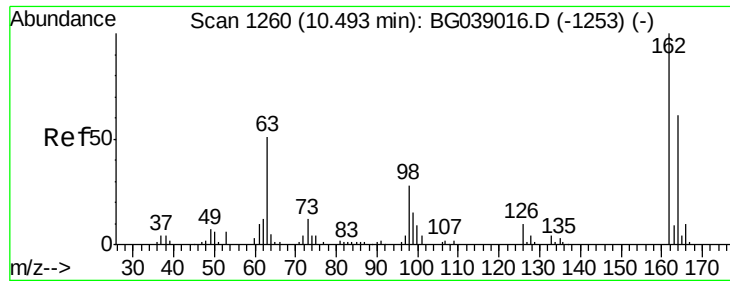
Tgt Ion:122 Resp: 34267  
Ion Ratio Lower Upper  
122 100  
107 119.9 88.8 133.2  
121 59.7 43.1 64.7



#28  
bis(2-Chloroethoxy)methane  
Concen: 33.614 ng  
RT: 10.22 min Scan# 1213  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

Tgt Ion: 93 Resp: 39549  
Ion Ratio Lower Upper  
93 100  
95 31.9 25.6 38.4  
123 12.7 10.1 15.1

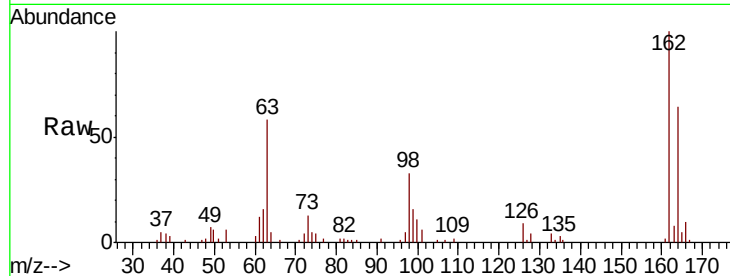




#29  
 2,4-Dichlorophenol  
 Concen: 34.376 ng  
 RT: 10.47 min Scan# 1256  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116618BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.1  | 41.3  | 81.3  |
| 98      | 33.0  | 8.3   | 48.3  |

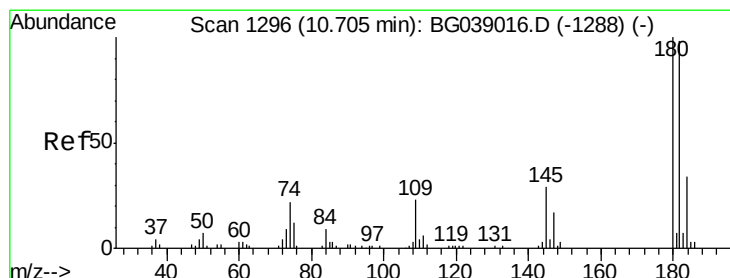
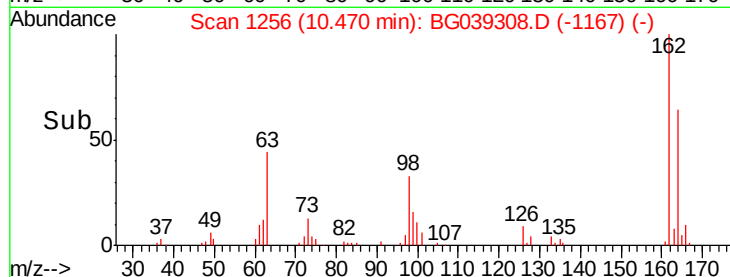
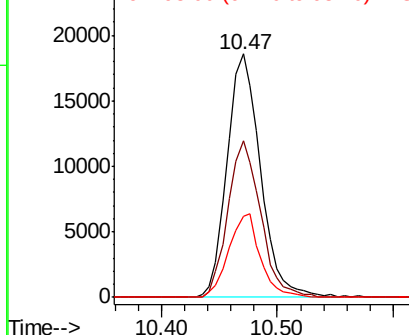


Abundance

Ion 162.00 (161.70 to 162.70): E

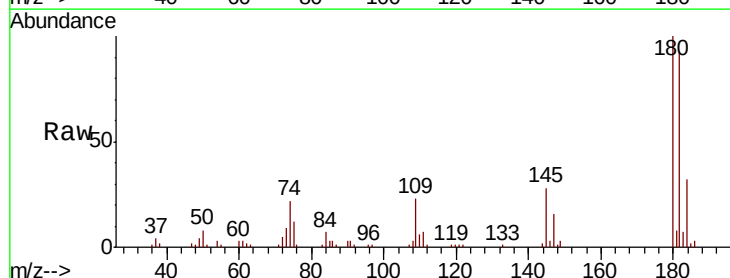
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30  
 1,2,4-Trichlorobenzene  
 Concen: 30.424 ng  
 RT: 10.68 min Scan# 1291  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.5  | 78.1  | 117.1 |
| 145     | 27.7  | 23.1  | 34.7  |

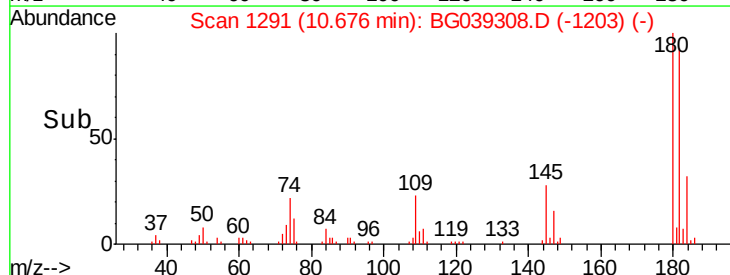
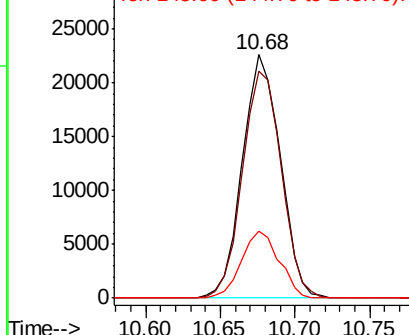


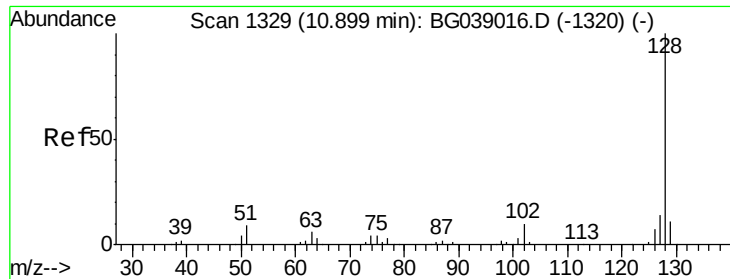
Abundance

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

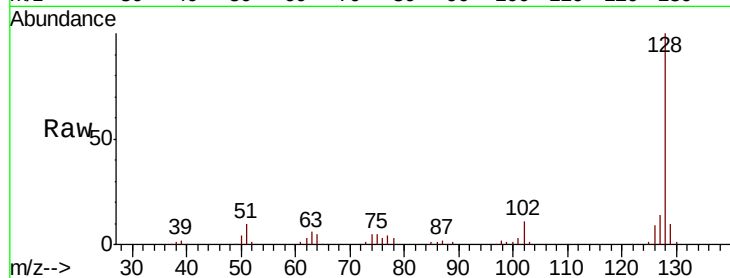




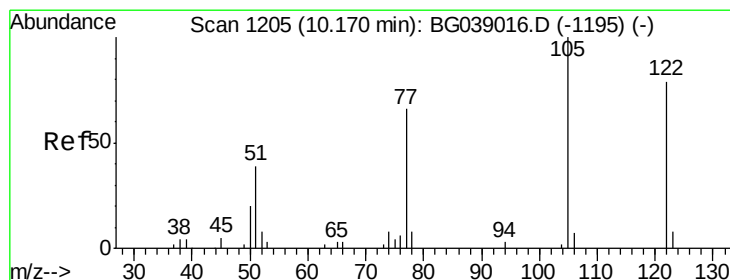
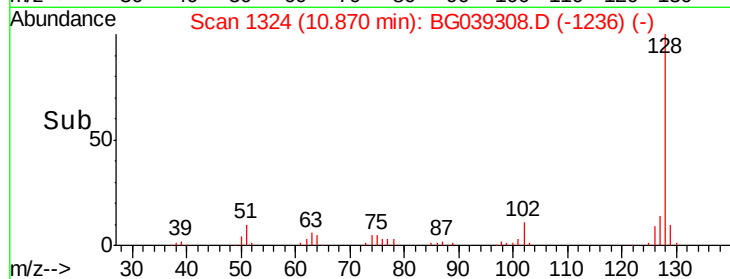
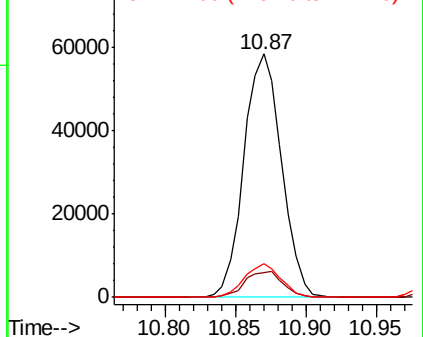
#31  
Naphthalene  
Concen: 34.873 ng  
RT: 10.87 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

Instrument :  
BNA\_G  
ClientSampleId :  
PB116618BSD

Tgt Ion:128 Resp: 108770  
Ion Ratio Lower Upper  
128 100  
129 10.2 9.1 13.7  
127 13.8 11.2 16.8

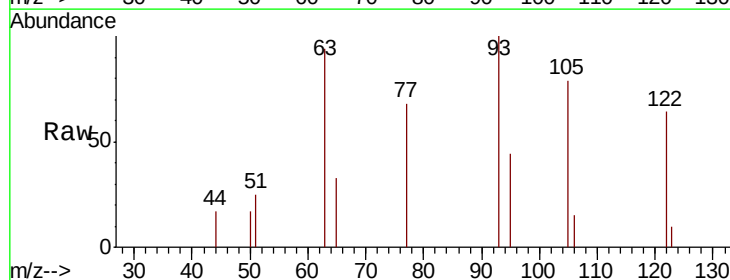


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

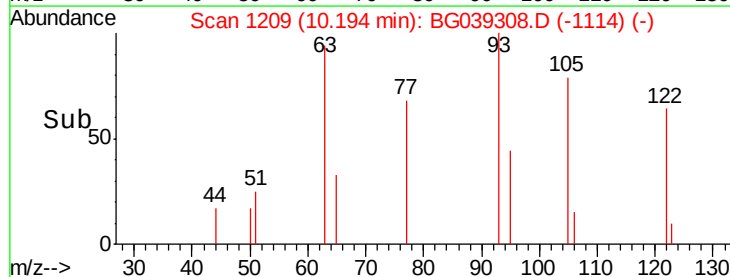
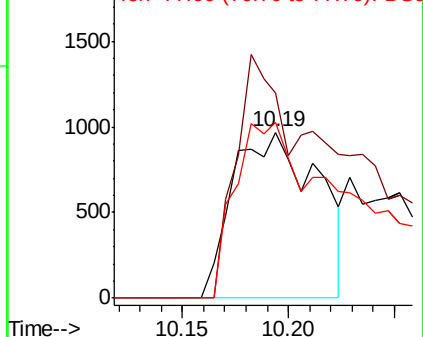


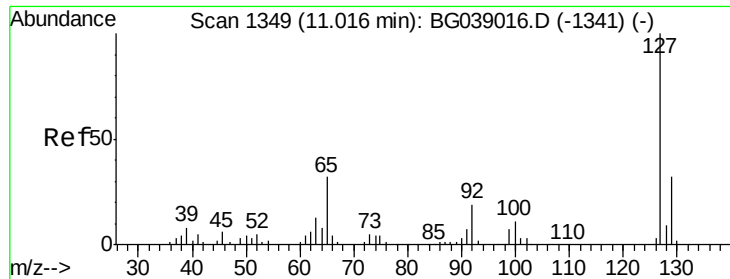
#32  
Benzoic acid  
Concen: 13.475 ng  
RT: 10.19 min Scan# 1209  
Delta R.T. 0.03 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

Tgt Ion:122 Resp: 2696  
Ion Ratio Lower Upper  
122 100  
105 124.1 106.4 146.4  
77 106.2 63.6 103.6#



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

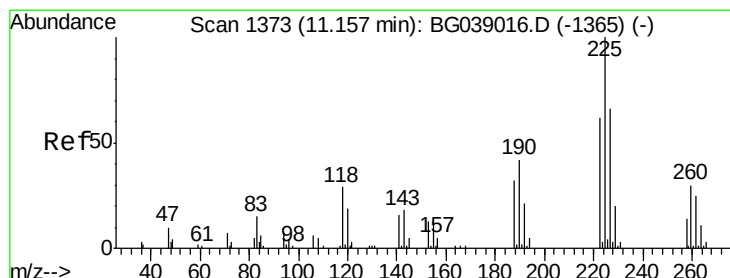
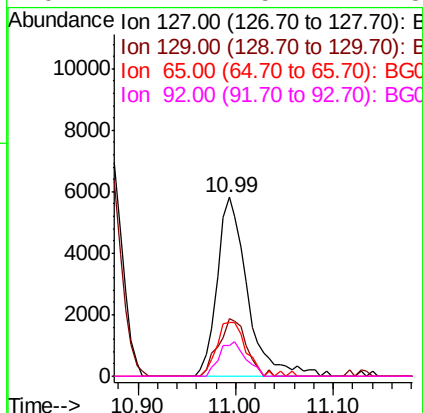
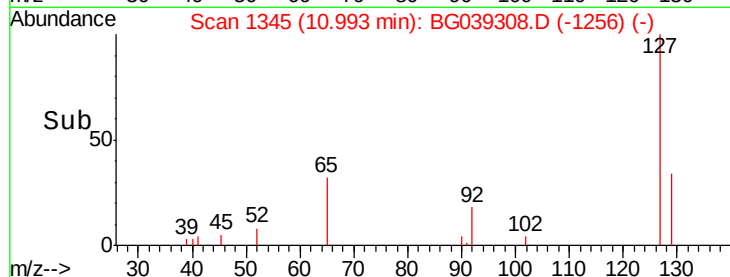
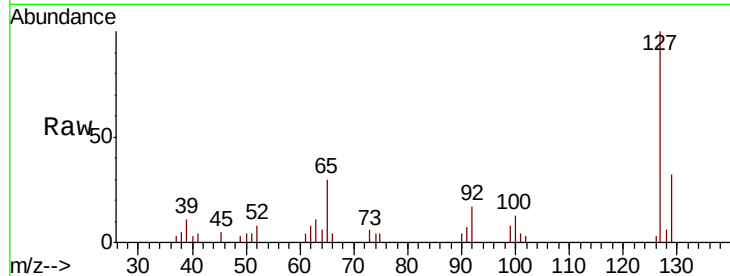




#33  
4-Chloroaniline  
Concen: 8.964 ng  
RT: 10.99 min Scan# 1345  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

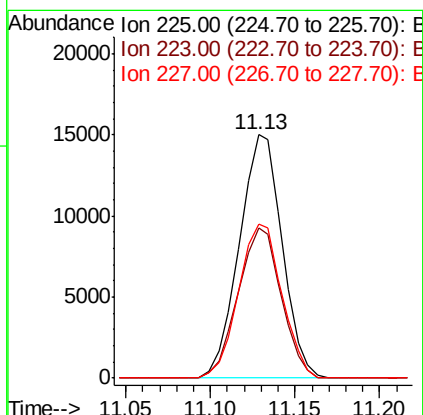
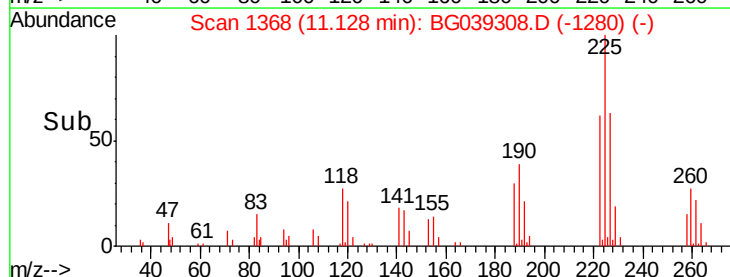
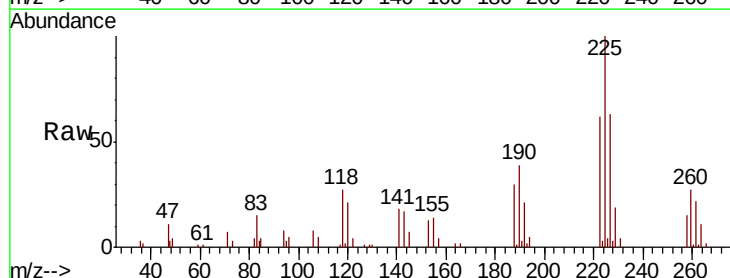
Instrument :  
BNA\_G  
ClientSampleId :  
PB116618BSD

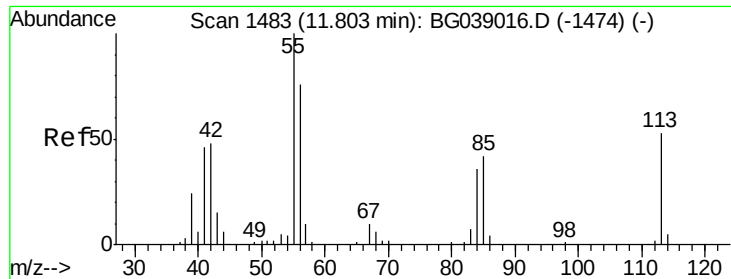
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 12511 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 32.2  | 25.4  | 38.0  |
| 65       | 30.4  | 25.4  | 38.0  |
| 92       | 17.4  | 15.2  | 22.8  |



#34  
Hexachlorobutadiene  
Concen: 29.421 ng  
RT: 11.13 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 26415 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.2  | 50.2  | 75.4  |
| 227      | 63.7  | 53.2  | 79.8  |

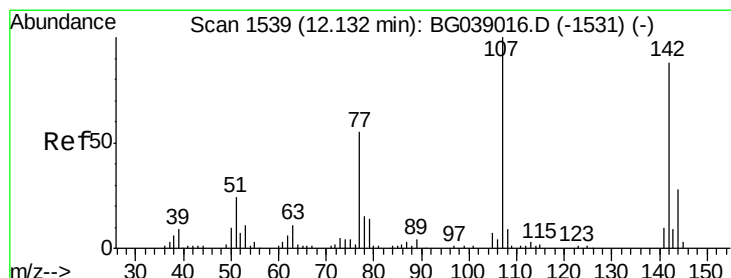
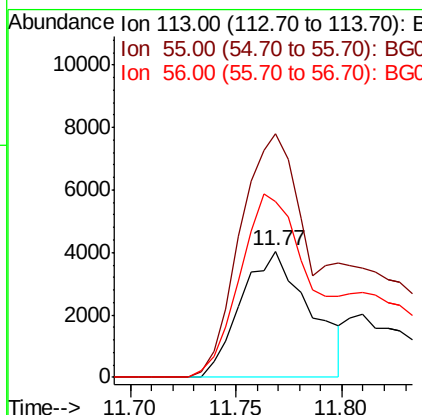
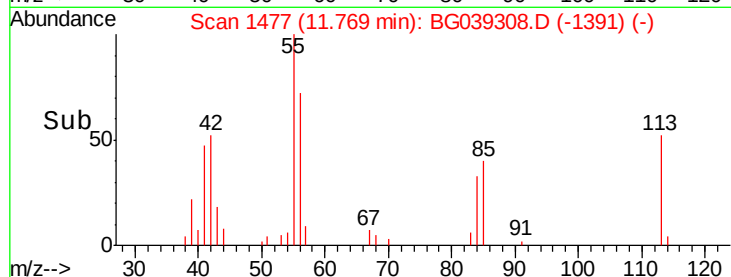
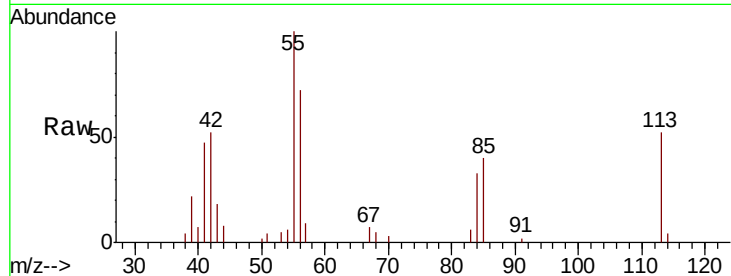




#35  
 Caprolactam  
 Concen: 21.076 ng  
 RT: 11.77 min Scan# 1477  
 Delta R.T. -0.02 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

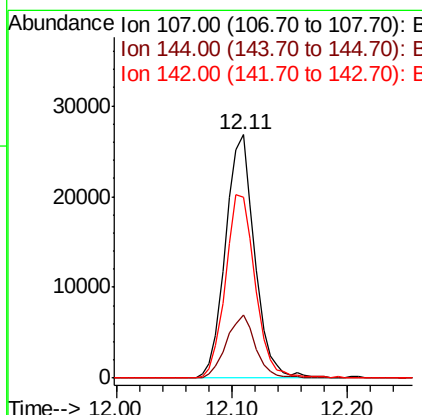
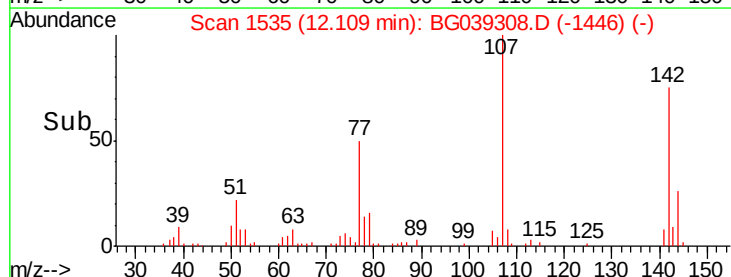
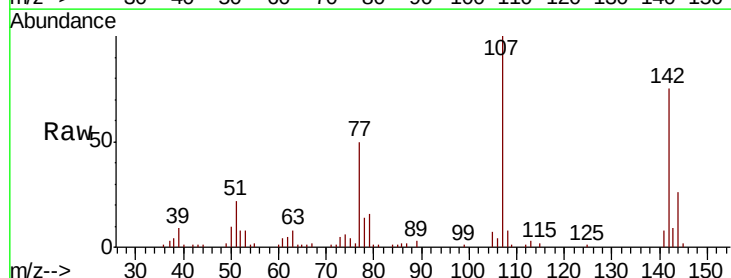
Instrument :  
 BNA\_G  
 ClientSampleID :  
 PB116618BSD

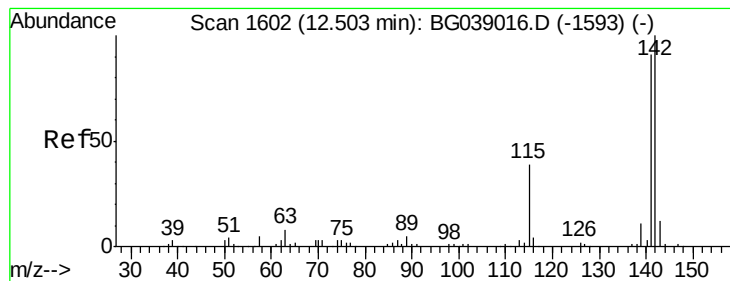
Tgt Ion:113 Resp: 9178  
 Ion Ratio Lower Upper  
 113 100  
 55 193.2 168.6 208.6  
 56 139.0 123.2 163.2



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.279 ng  
 RT: 12.11 min Scan# 1535  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Tgt Ion:107 Resp: 46785  
 Ion Ratio Lower Upper  
 107 100  
 144 26.2 22.6 34.0  
 142 74.5 70.2 105.4





#37

2-Methylnaphthalene

Concen: 35.532 ng

RT: 12.47 min Scan# 1597

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

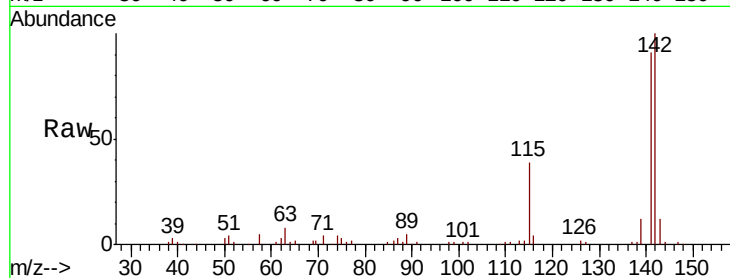
Tgt Ion:142 Resp: 83090

Ion Ratio Lower Upper

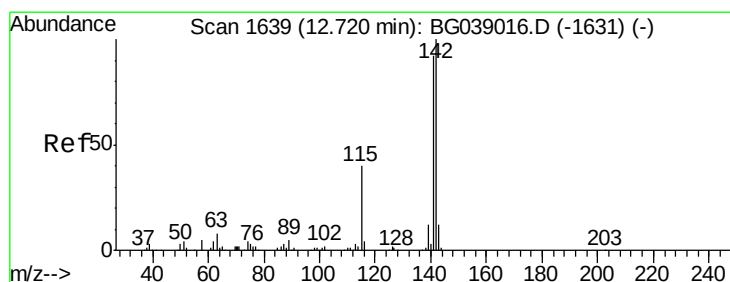
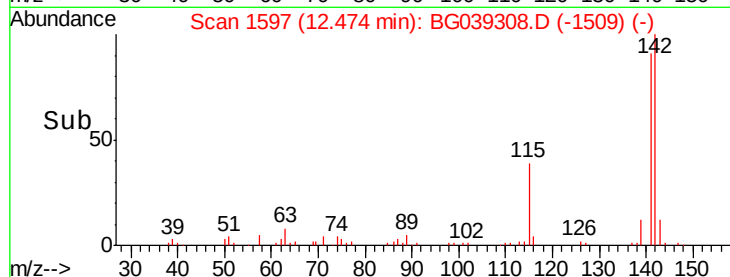
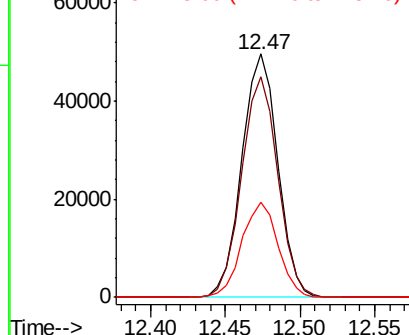
142 100

141 90.8 72.6 109.0

115 38.9 31.1 46.7



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: 34.585 ng

RT: 12.69 min Scan# 1634

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

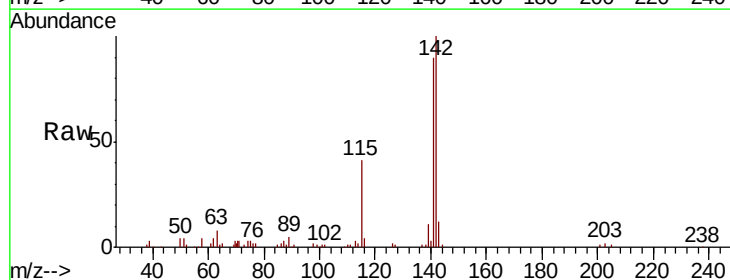
Tgt Ion:142 Resp: 77628

Ion Ratio Lower Upper

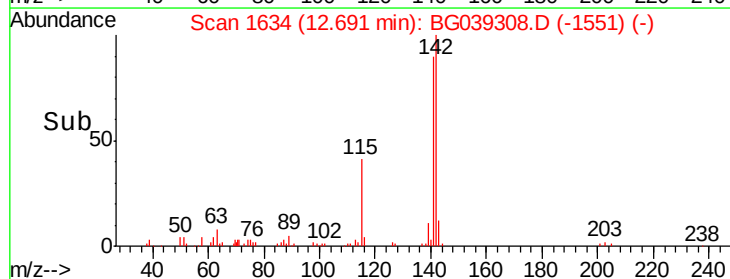
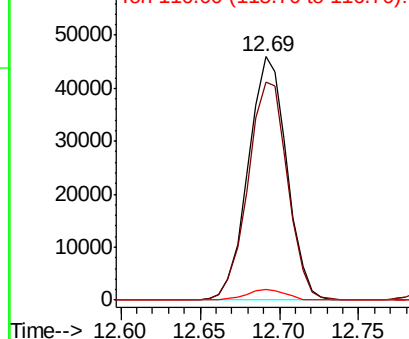
142 100

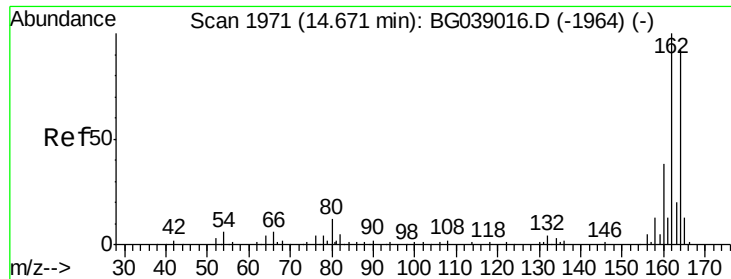
141 89.6 73.3 109.9

116 4.2 3.1 4.7



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: 14.65 min Scan# 1967

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

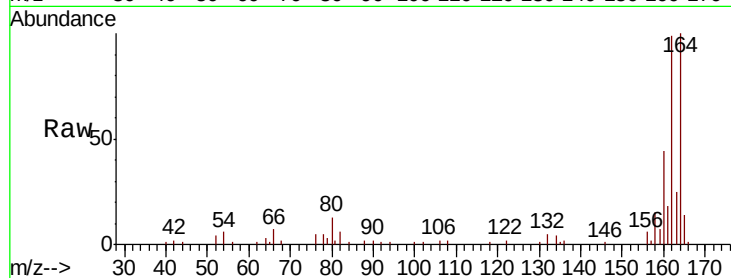
Tgt Ion:164 Resp: 38687

Ion Ratio Lower Upper

164 100

162 99.3 87.2 130.8

160 44.0 33.3 49.9

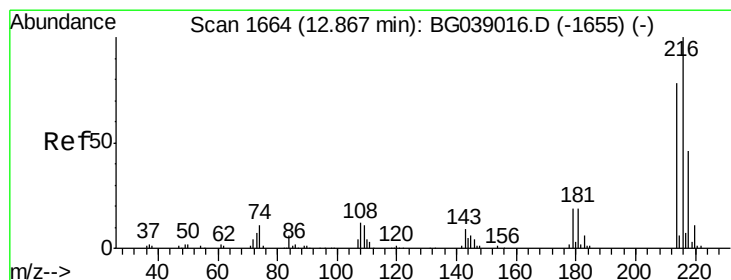
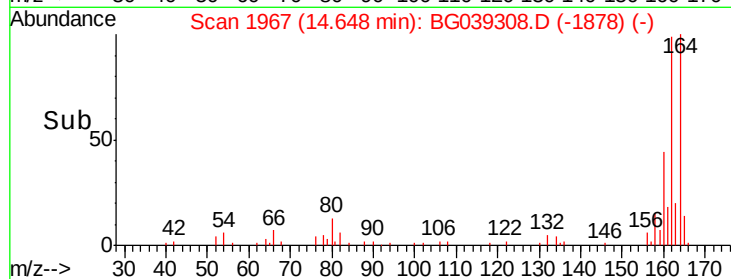
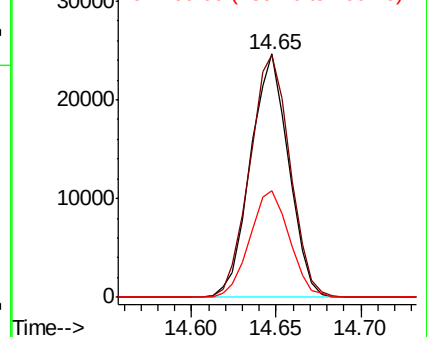


Abundance

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: 34.544 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Tgt Ion:216 Resp: 50189

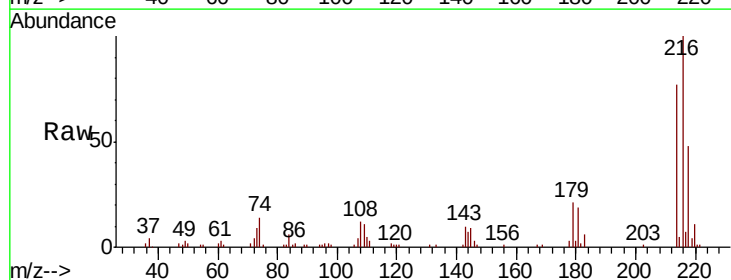
Ion Ratio Lower Upper

216 100

214 78.1 63.4 95.2

179 20.4 15.5 23.3

108 16.1 11.4 17.2



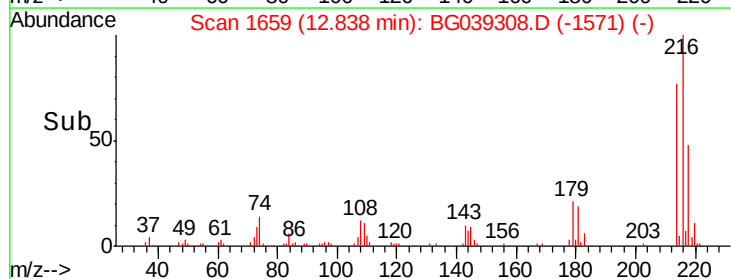
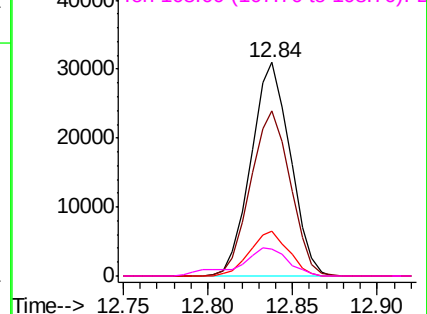
Abundance

Ion 216.00 (215.70 to 216.70): E

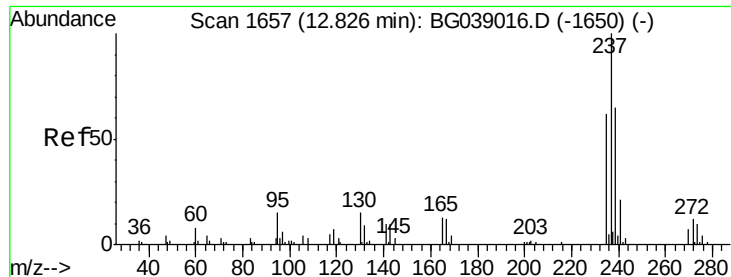
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 66.337 ng

RT: 12.80 min Scan# 1653

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

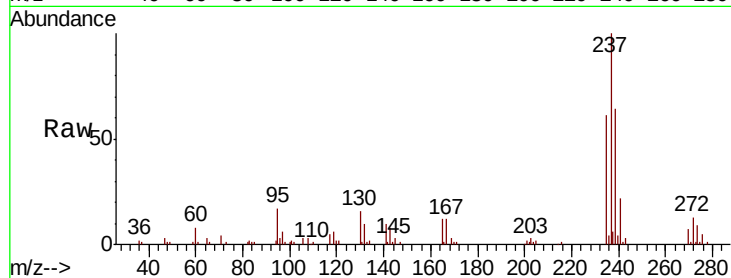
Tgt Ion:237 Resp: 53420

Ion Ratio Lower Upper

237 100

235 60.9 41.7 81.7

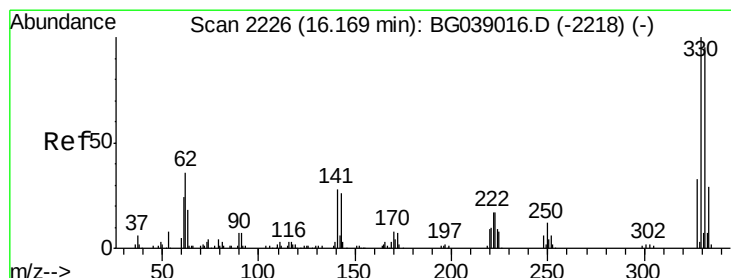
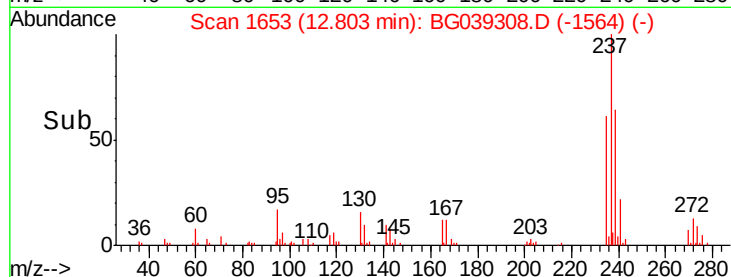
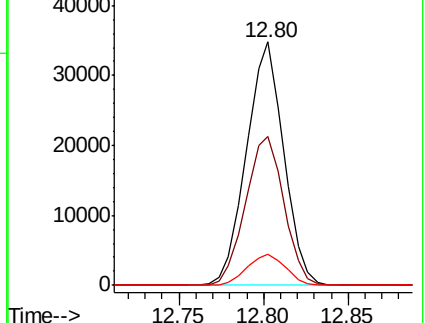
272 12.5 0.0 32.1



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: 74.836 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

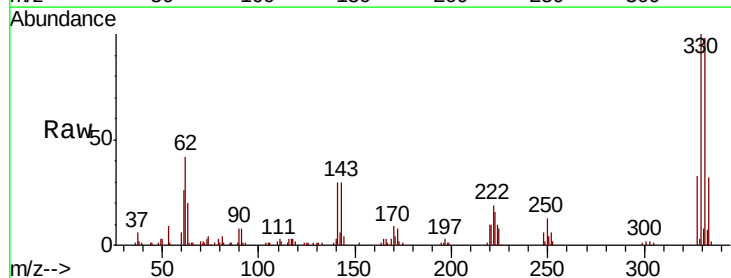
Tgt Ion:330 Resp: 48531

Ion Ratio Lower Upper

330 100

332 93.8 75.7 113.5

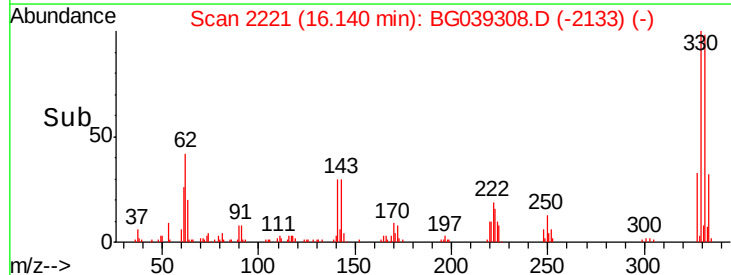
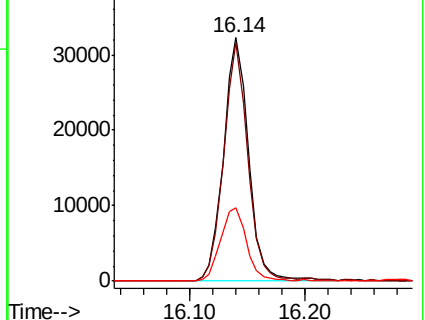
141 31.2 24.9 37.3

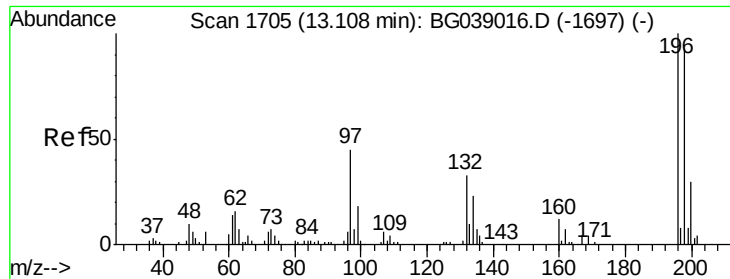


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

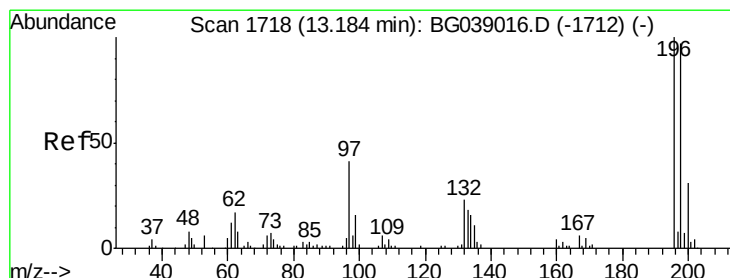
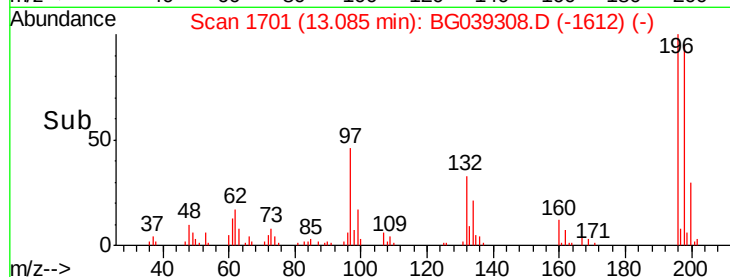
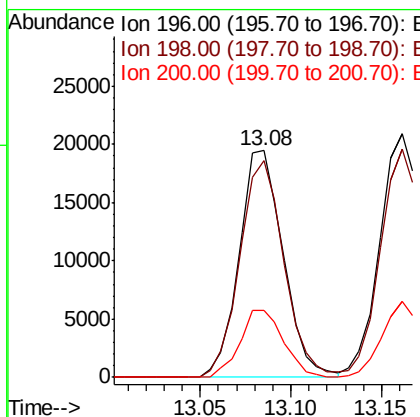
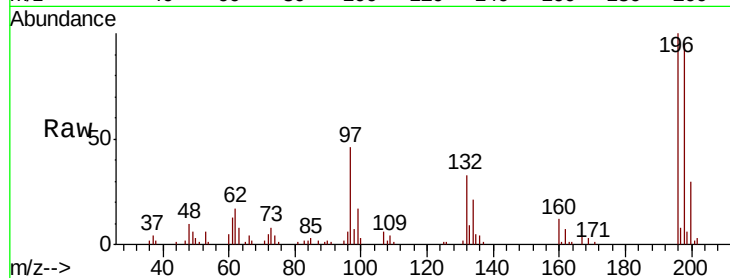




#43  
 2,4,6-Trichlorophenol  
 Concen: 35.998 ng  
 RT: 13.08 min Scan# 1701  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

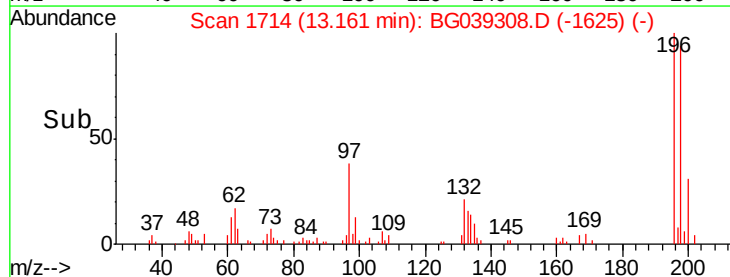
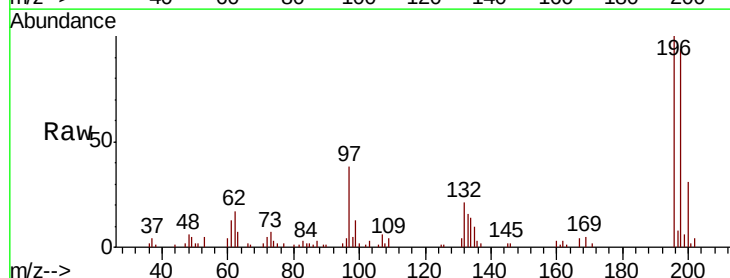
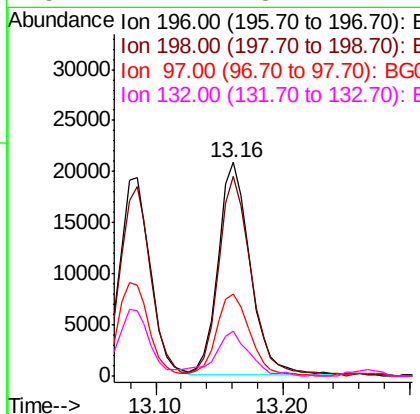
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116618BSD

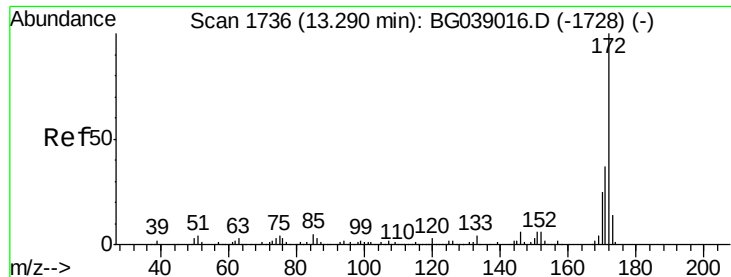
Tgt Ion:196 Resp: 32918  
 Ion Ratio Lower Upper  
 196 100  
 198 95.4 74.5 111.7  
 200 29.6 23.8 35.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 37.793 ng  
 RT: 13.16 min Scan# 1714  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Tgt Ion:196 Resp: 36526  
 Ion Ratio Lower Upper  
 196 100  
 198 93.7 78.1 117.1  
 97 38.5 33.2 49.8  
 132 21.1 18.2 27.4

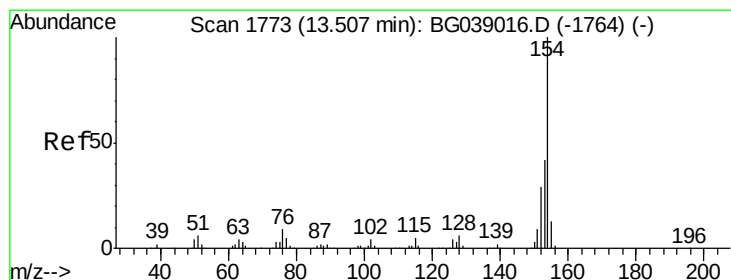
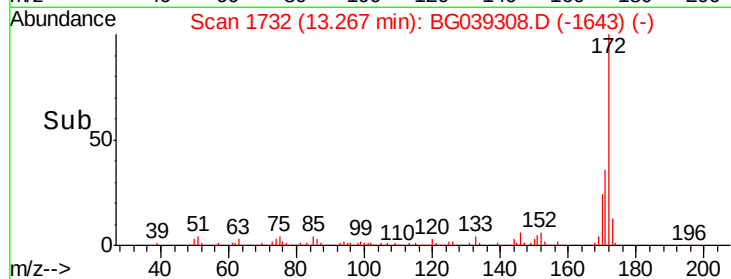
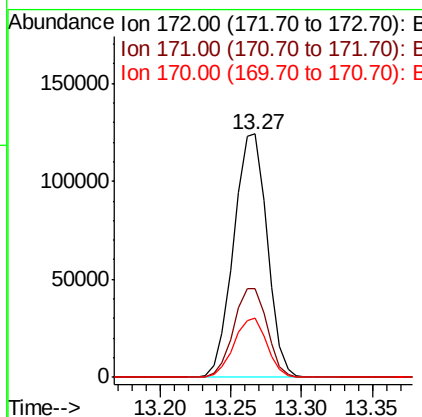
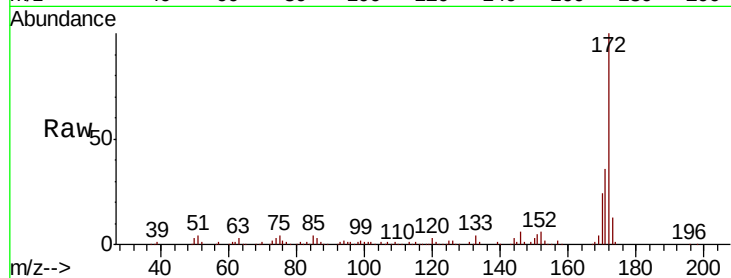




#45  
2-Fluorobiphenyl  
Concen: 72.661 ng  
RT: 13.27 min Scan# 1732  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

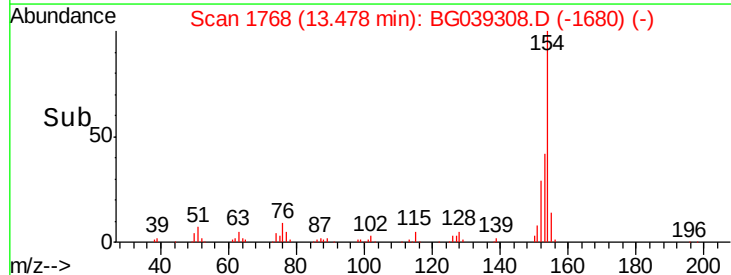
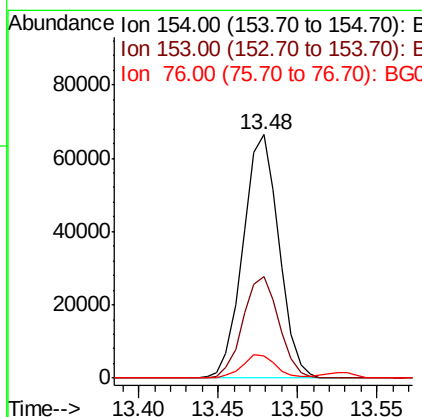
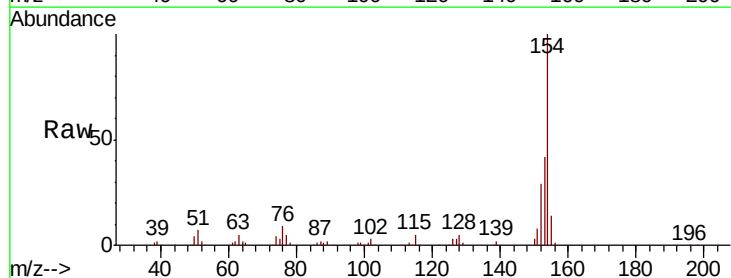
Instrument :  
BNA\_G  
ClientSampleId :  
PB116618BSD

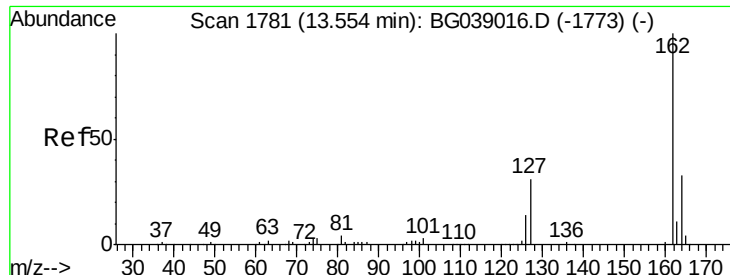
Tgt Ion:172 Resp: 205400  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.4 44.0  
170 24.3 20.1 30.1



#46  
1,1'-Biphenyl  
Concen: 34.036 ng  
RT: 13.48 min Scan# 1768  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

Tgt Ion:154 Resp: 104335  
Ion Ratio Lower Upper  
154 100  
153 41.7 22.4 62.4  
76 9.3 0.0 29.4

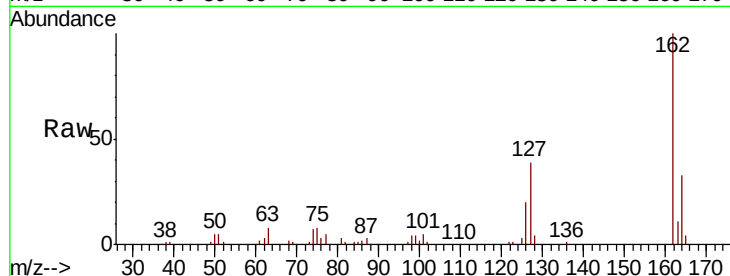




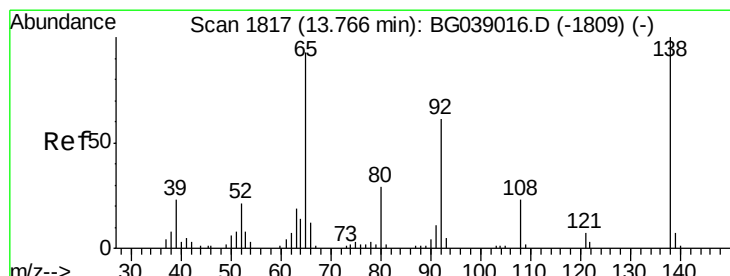
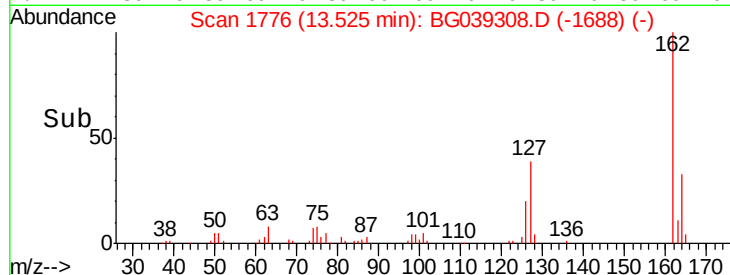
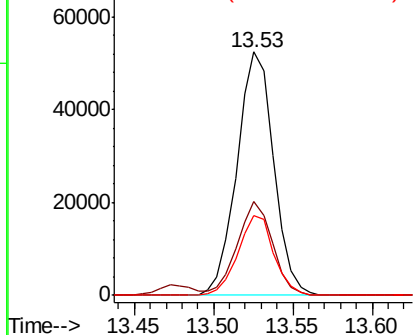
#47  
 2-Chloronaphthalene  
 Concen: 33.878 ng  
 RT: 13.53 min Scan# 1776  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116618BSD

Tgt Ion: 162 Resp: 84041  
 Ion Ratio Lower Upper  
 162 100  
 127 38.5 28.4 42.6  
 164 32.5 26.3 39.5

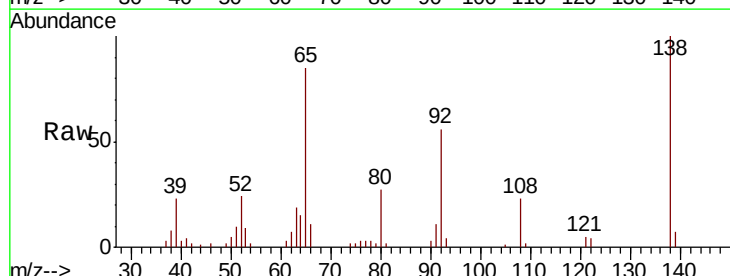


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

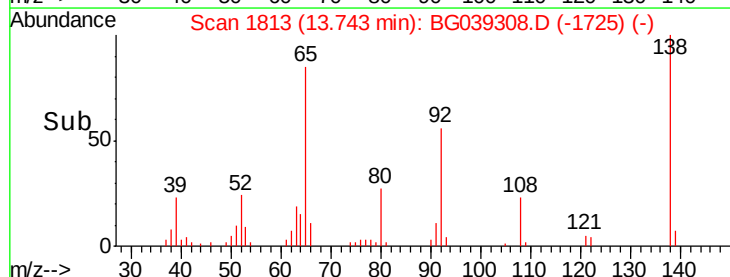
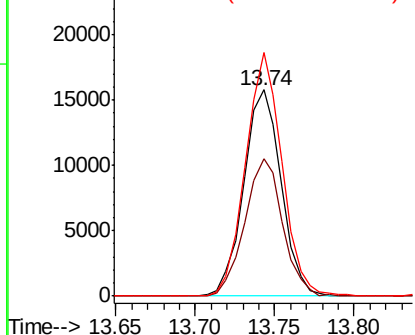


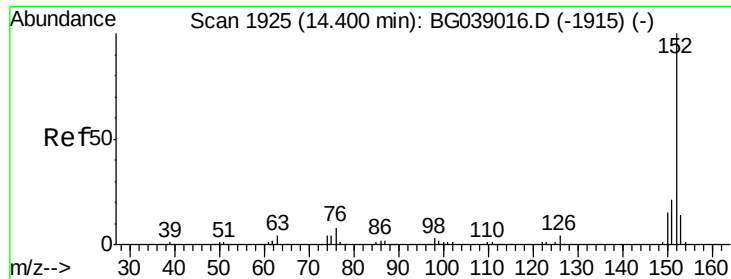
#48  
 2-Nitroaniline  
 Concen: 37.187 ng  
 RT: 13.74 min Scan# 1813  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Tgt Ion: 65 Resp: 25844  
 Ion Ratio Lower Upper  
 65 100  
 92 66.4 52.2 78.4  
 138 118.0 86.0 129.0



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: 37.076 ng

RT: 14.37 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

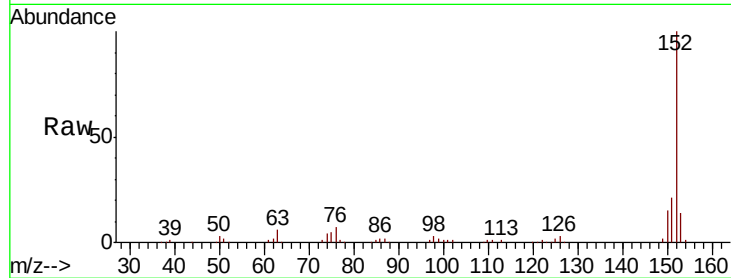
Tgt Ion:152 Resp: 138242

Ion Ratio Lower Upper

152 100

151 20.8 17.0 25.4

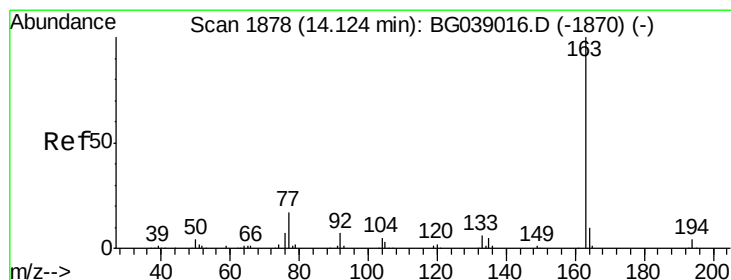
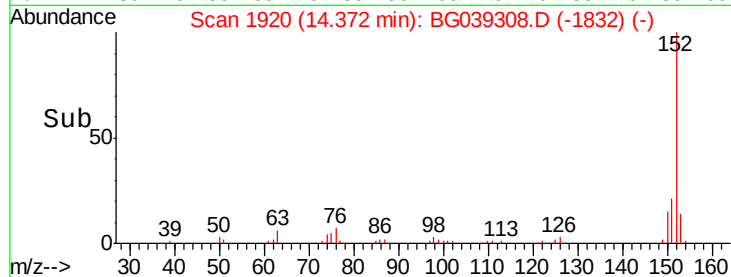
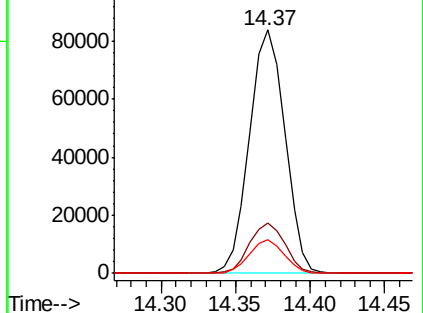
153 13.7 11.2 16.8



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: 36.398 ng

RT: 14.10 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

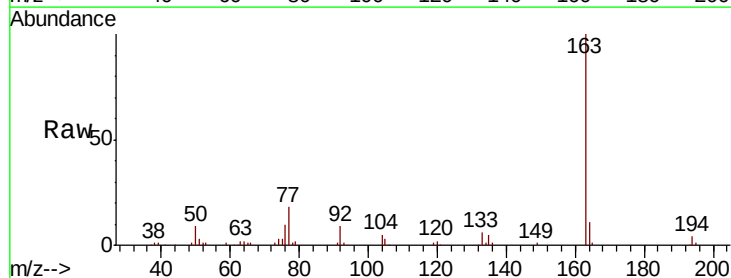
Tgt Ion:163 Resp: 118993

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

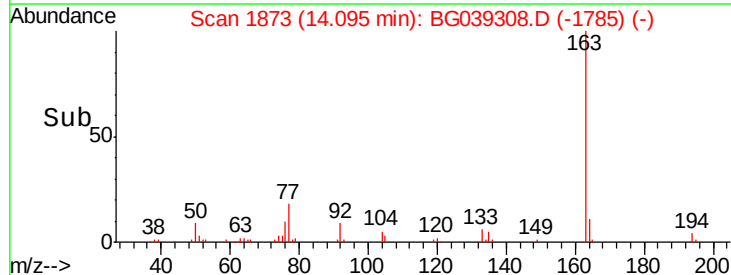
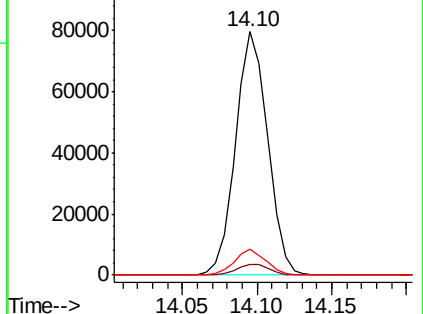
164 10.9 8.2 12.2

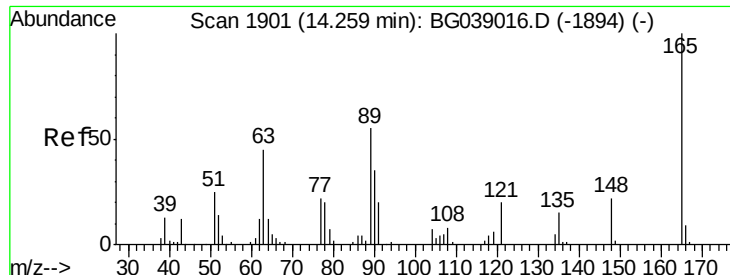


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

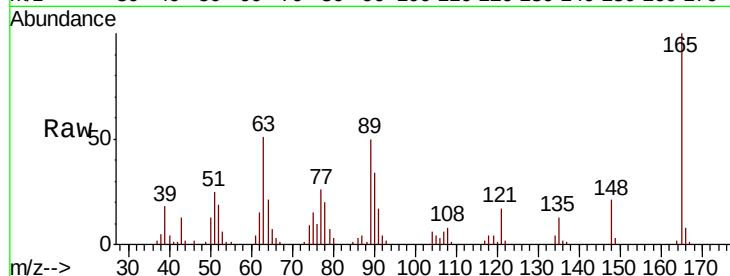




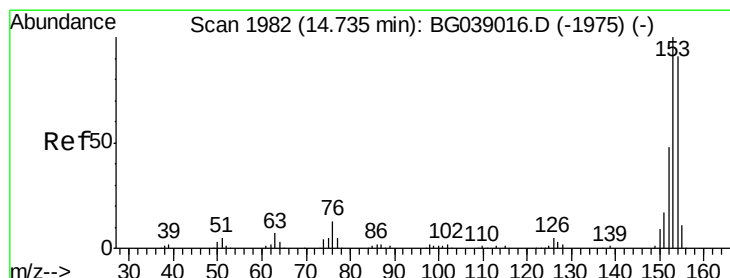
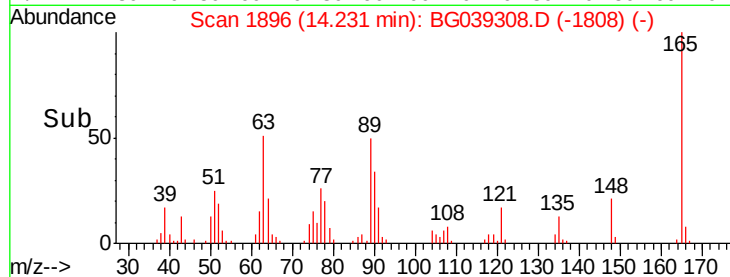
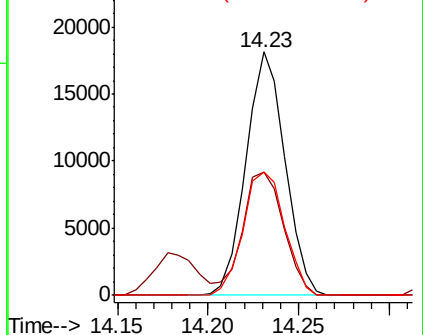
#51  
 2,6-Dinitrotoluene  
 Concen: 37.076 ng  
 RT: 14.23 min Scan# 1896  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116618BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 50.9  | 43.6  | 65.4  |
| 89      | 50.4  | 43.7  | 65.5  |

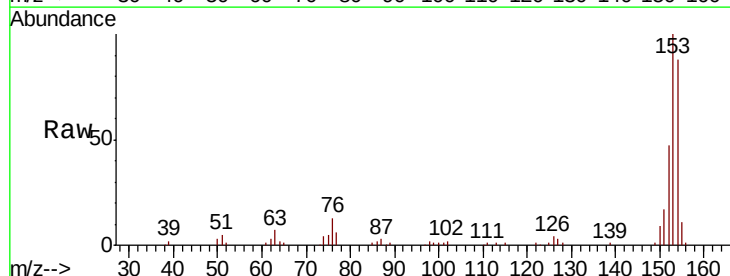


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG

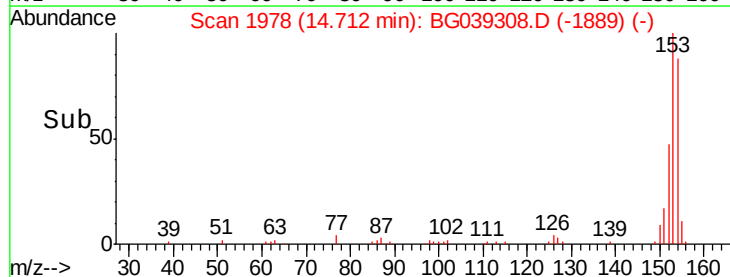
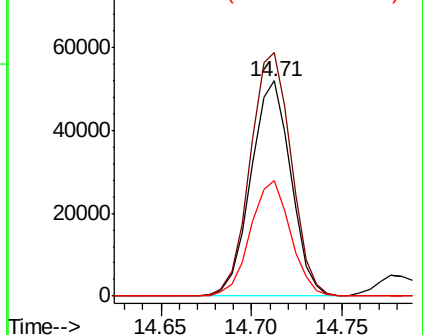


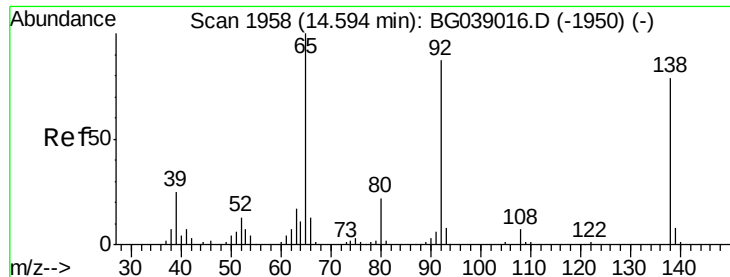
#52  
 Acenaphthene  
 Concen: 35.453 ng  
 RT: 14.71 min Scan# 1978  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.1 | 87.9  | 131.9 |
| 152     | 53.6  | 42.2  | 63.2  |



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: 12.589 ng

RT: 14.57 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

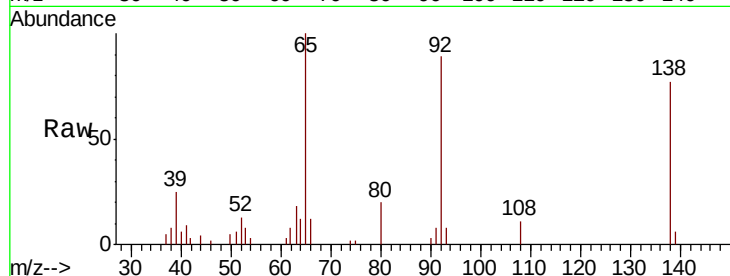
Tgt Ion:138 Resp: 9334

Ion Ratio Lower Upper

138 100

108 13.8 7.4 11.0#

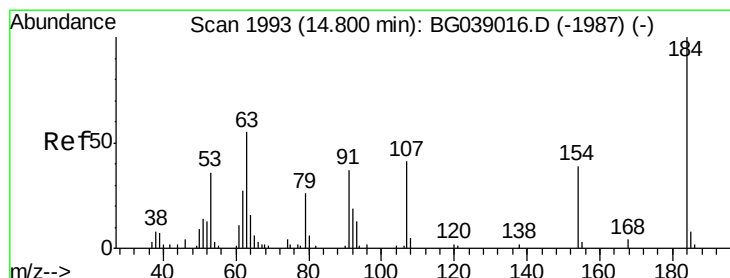
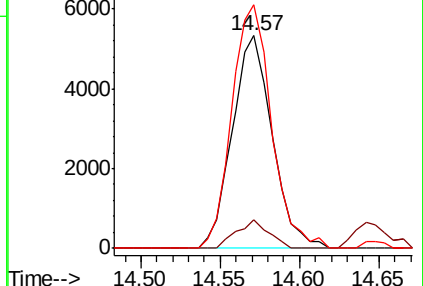
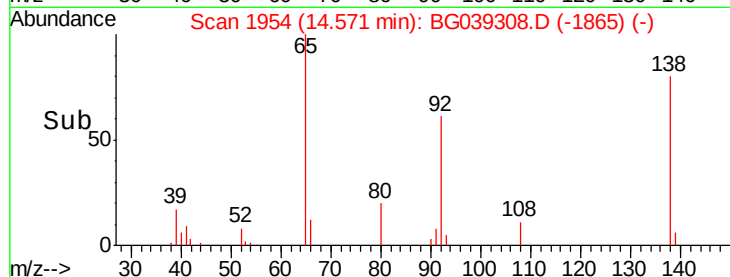
92 114.6 88.2 132.4



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: 39.804 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

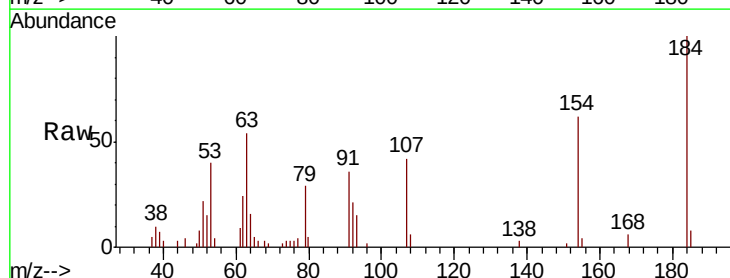
Tgt Ion:184 Resp: 16126

Ion Ratio Lower Upper

184 100

63 53.8 44.0 66.0

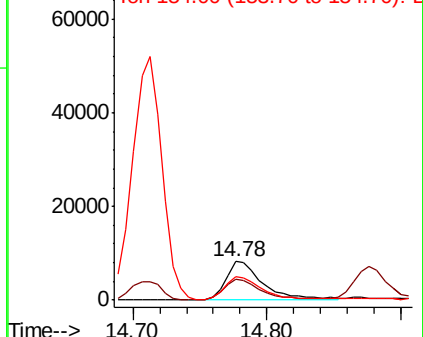
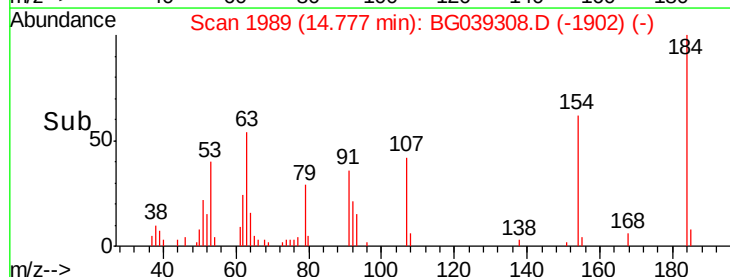
154 62.1 46.1 69.1

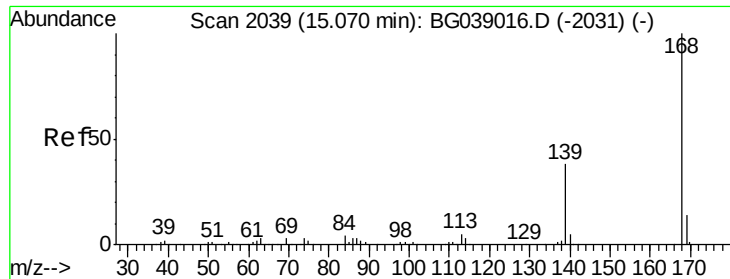


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

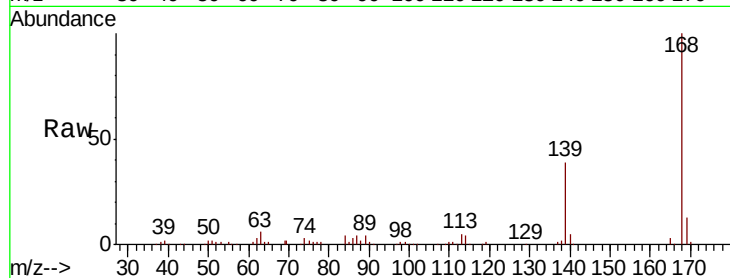




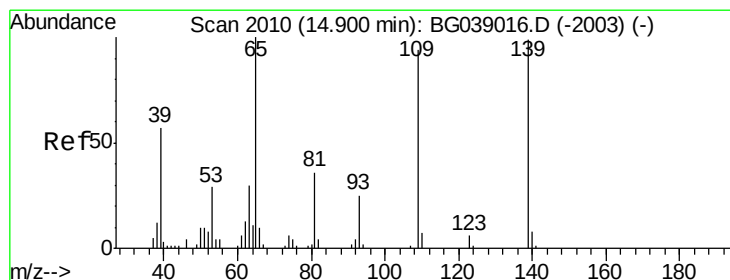
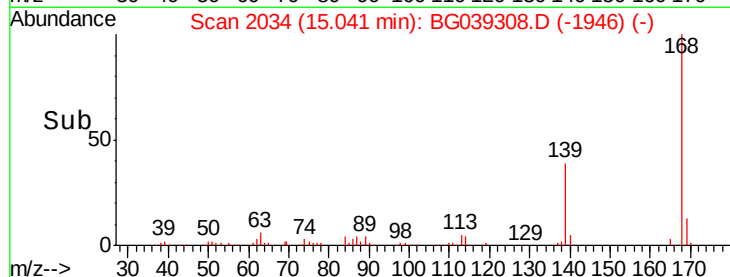
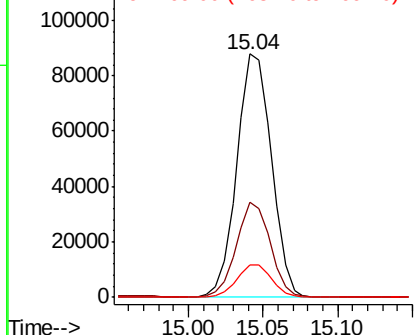
#55  
Dibenzo(f,h)quinoxaline  
Concen: 35.822 ng  
RT: 15.04 min Scan# 2034  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

Instrument :  
BNA\_G  
ClientSampleId :  
PB116618BSD

Tgt Ion:168 Resp: 141729  
Ion Ratio Lower Upper  
168 100  
139 38.9 30.1 45.1  
169 13.5 10.9 16.3

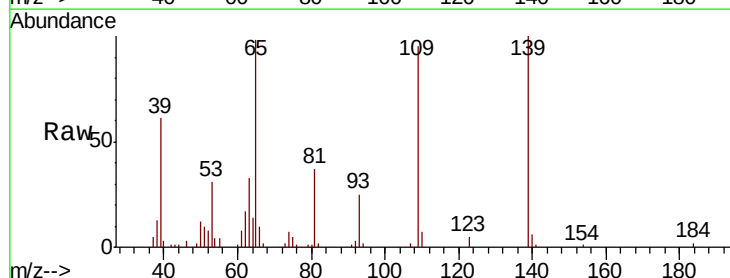


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

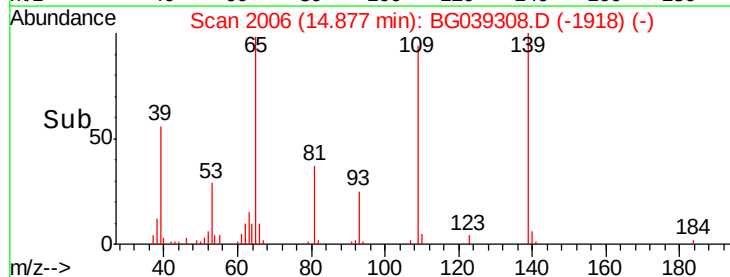
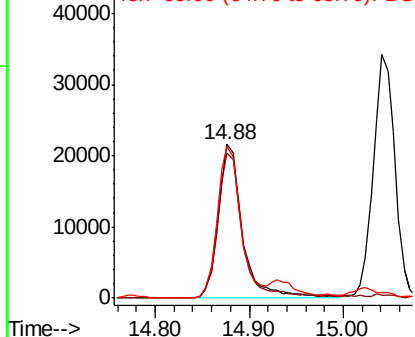


#56  
4-Nitrophenol  
Concen: 73.304 ng  
RT: 14.88 min Scan# 2006  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

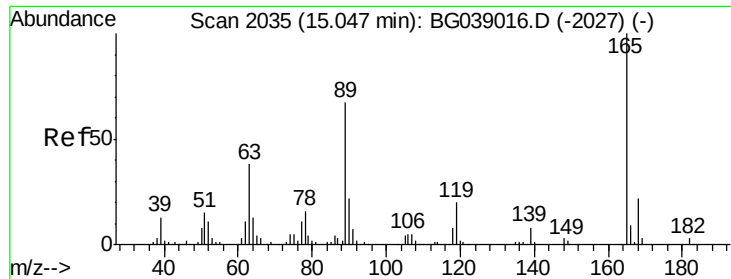
Tgt Ion:139 Resp: 39108  
Ion Ratio Lower Upper  
139 100  
109 94.5 75.6 115.6  
65 98.4 81.2 121.2



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



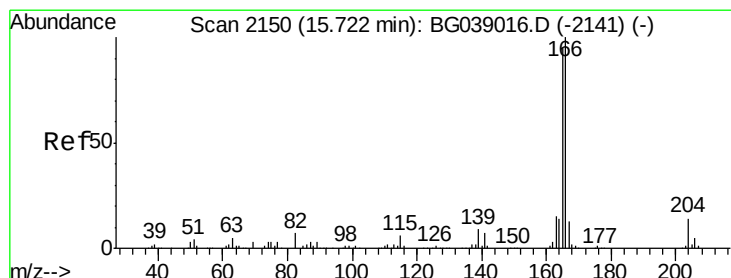
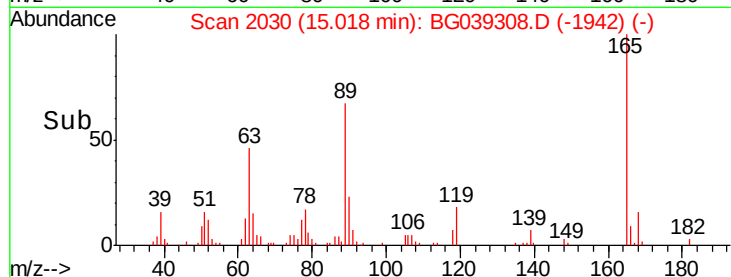
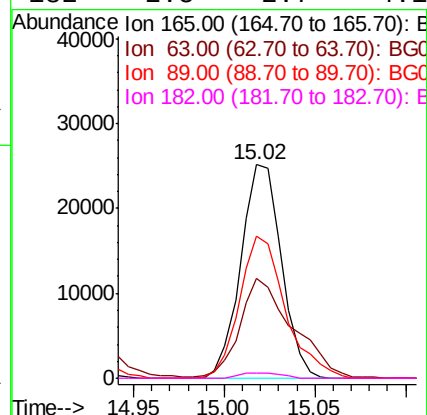
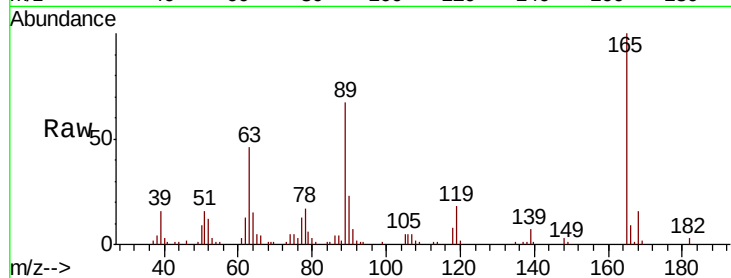




#57  
2,4-Dinitrotoluene  
Concen: 37.393 ng  
RT: 15.02 min Scan# 2030  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

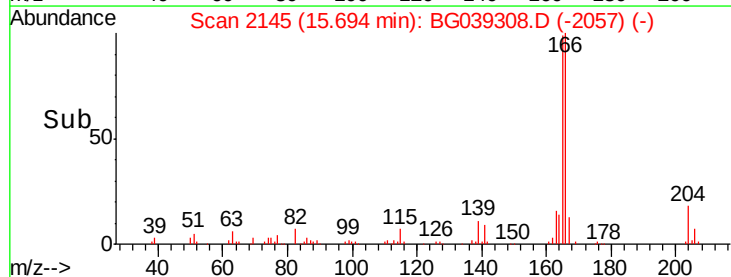
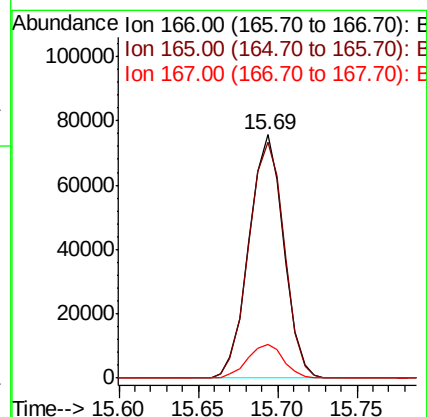
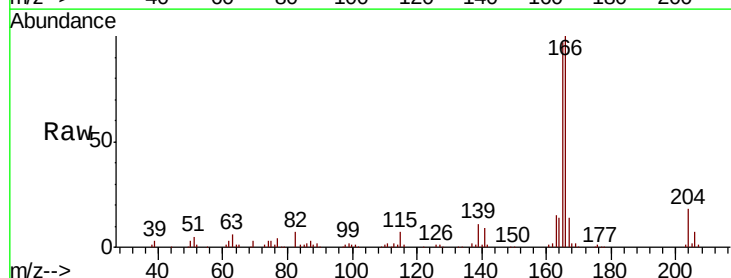
Instrument :  
BNA\_G  
ClientSampleId :  
PB116618BSD

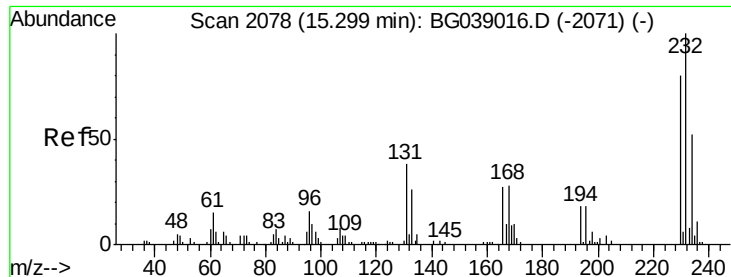
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 46.5  | 30.2  | 45.4# |
| 89      | 66.8  | 53.2  | 79.8  |
| 182     | 2.5   | 2.7   | 4.1#  |



#58  
Fluorene  
Concen: 38.642 ng  
RT: 15.69 min Scan# 2145  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 97.0  | 76.2  | 114.2 |
| 167     | 13.8  | 10.6  | 16.0  |

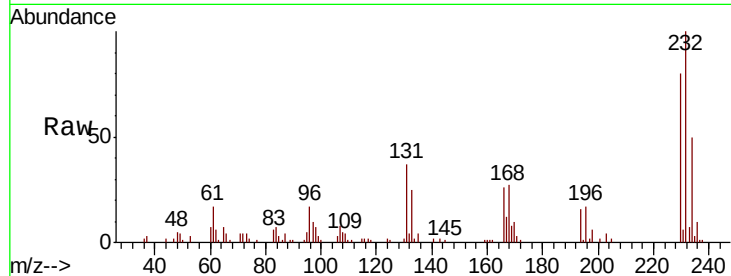




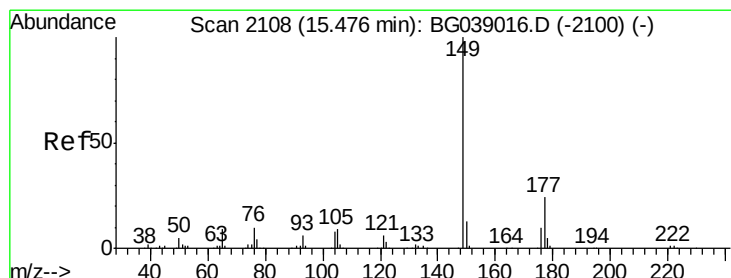
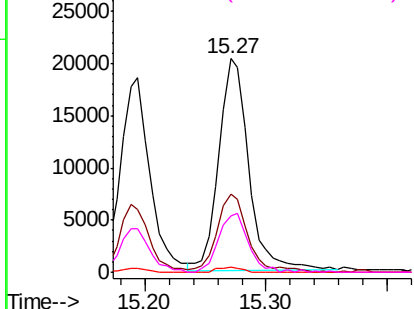
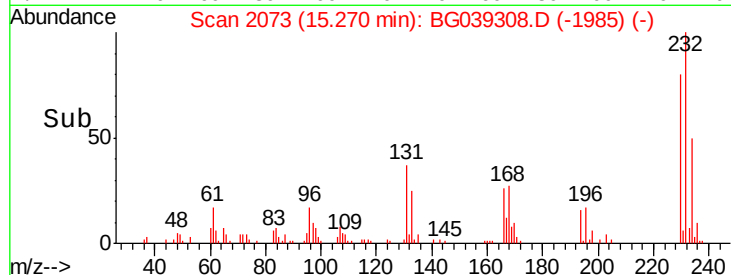
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 38.447 ng  
 RT: 15.27 min Scan# 2073  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116618BSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 35076 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 38.1  | 30.9  | 46.3  |
| 130      | 1.9   | 1.9   | 2.9   |
| 166      | 27.3  | 22.1  | 33.1  |

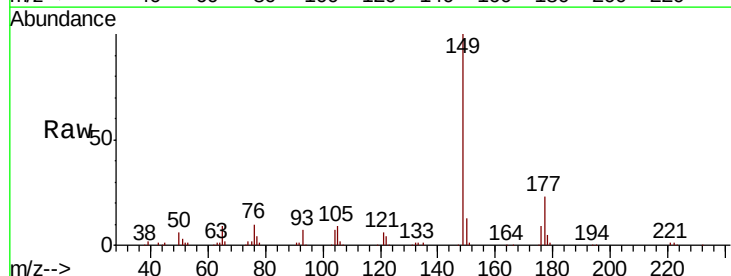


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

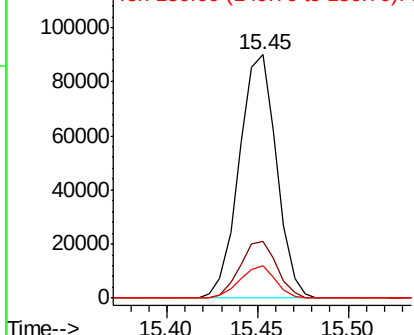
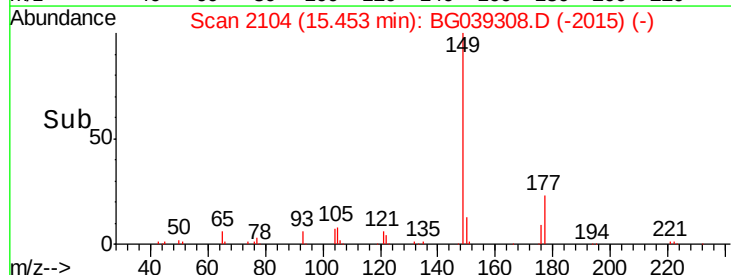


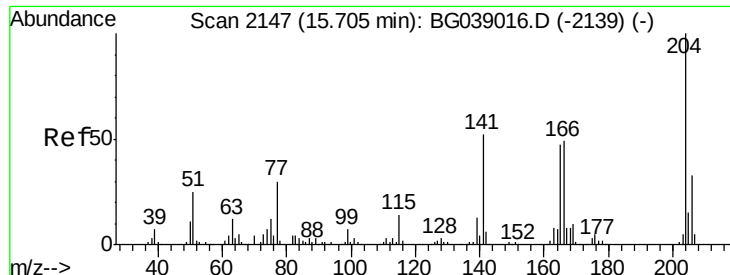
#60  
 Diethylphthalate  
 Concen: 38.237 ng  
 RT: 15.45 min Scan# 2104  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 128794 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.3  | 19.0  | 28.6   |
| 150      | 13.1  | 10.2  | 15.4   |



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 177.00 (176.70 to 177.70): E  
 Ion 150.00 (149.70 to 150.70): E

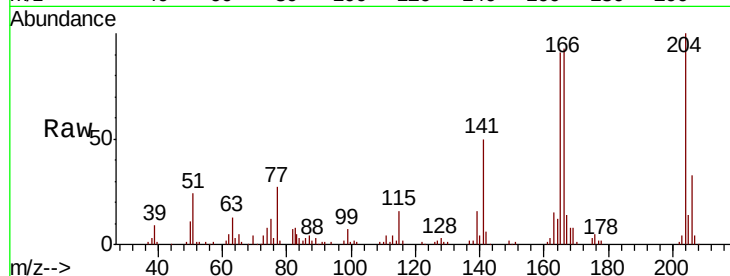




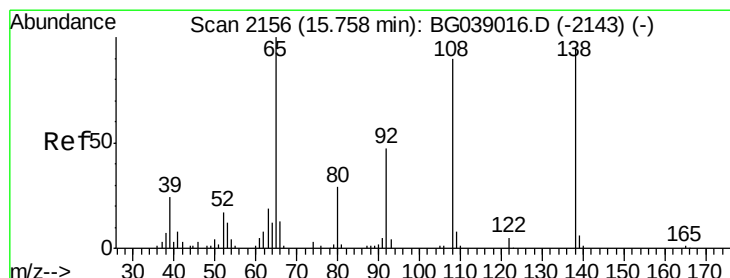
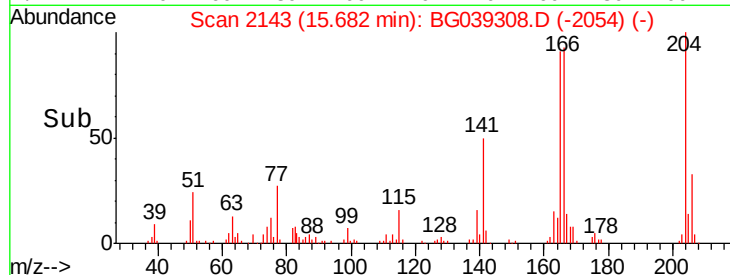
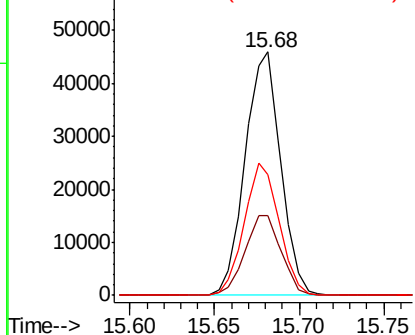
#61  
 4-Chlorophenyl-phenylether  
 Concen: 35.779 ng  
 RT: 15.68 min Scan# 2143  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116618BSD

Tgt Ion: 204 Resp: 67130  
 Ion Ratio Lower Upper  
 204 100  
 206 32.8 26.6 39.8  
 141 49.6 41.4 62.0

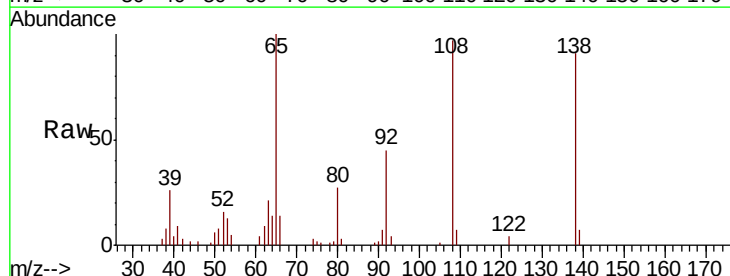


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

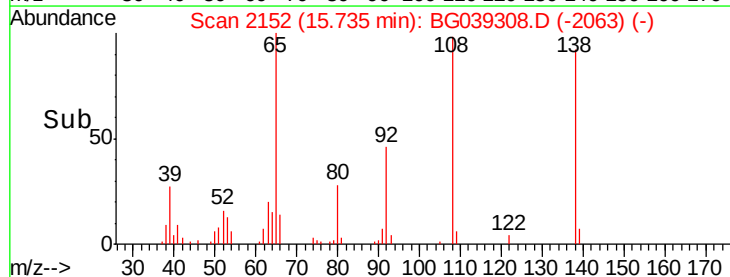
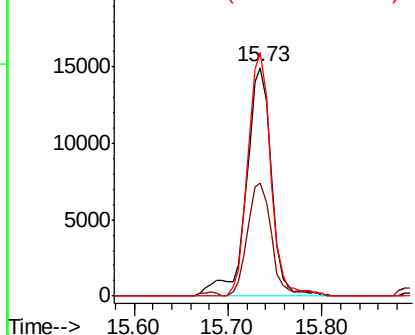


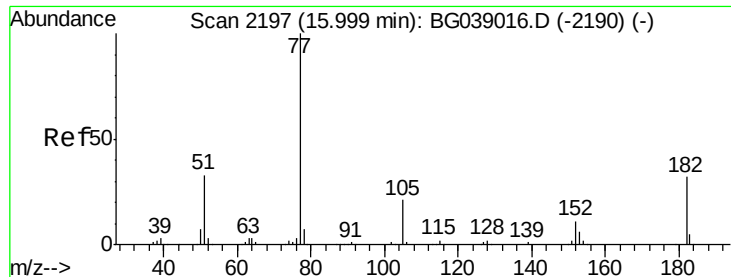
#62  
 4-Nitroaniline  
 Concen: 35.890 ng  
 RT: 15.73 min Scan# 2152  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Tgt Ion: 138 Resp: 27722  
 Ion Ratio Lower Upper  
 138 100  
 92 49.3 29.7 69.7  
 108 106.4 75.7 115.7



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





#63

Azobenzene

Concen: 36.600 ng

RT: 15.98 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

Tgt Ion: 77 Resp: 96408

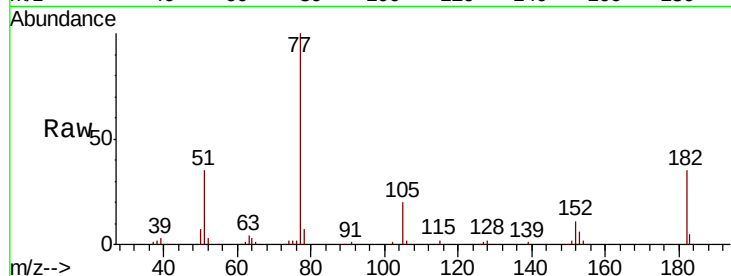
Ion Ratio Lower Upper

77 100

182 34.9 12.2 52.2

105 19.6 1.2 41.2

51 35.1 13.4 53.4

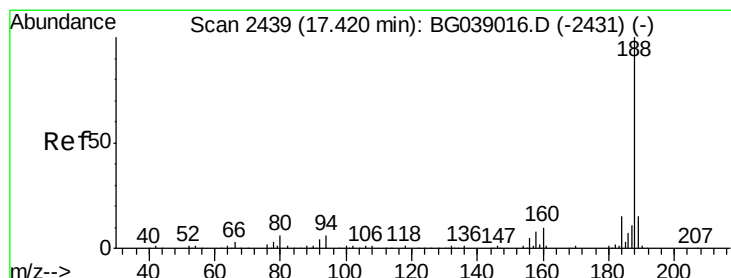
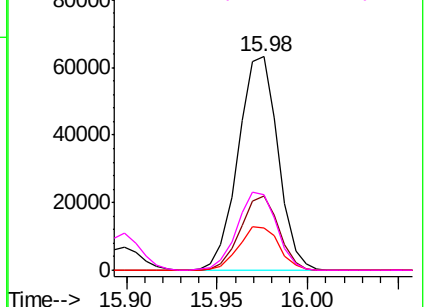
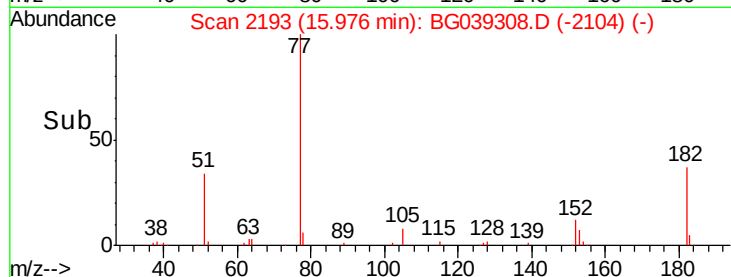


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

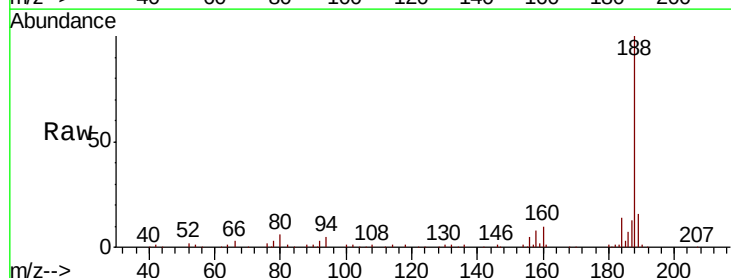
Tgt Ion: 188 Resp: 108024

Ion Ratio Lower Upper

188 100

94 5.5 5.0 7.4

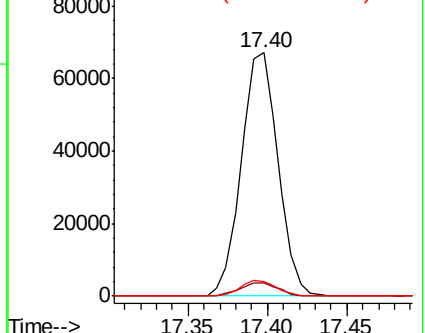
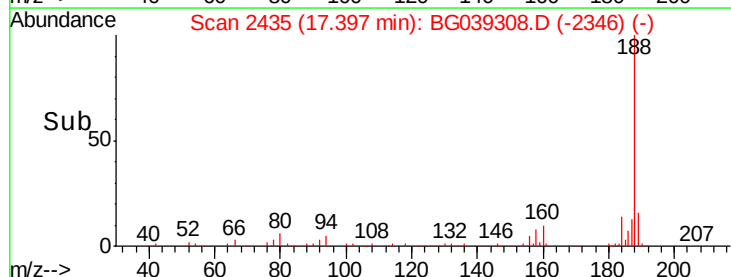
80 6.0 4.7 7.1

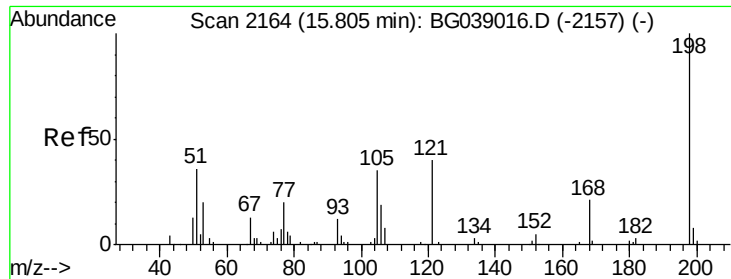


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

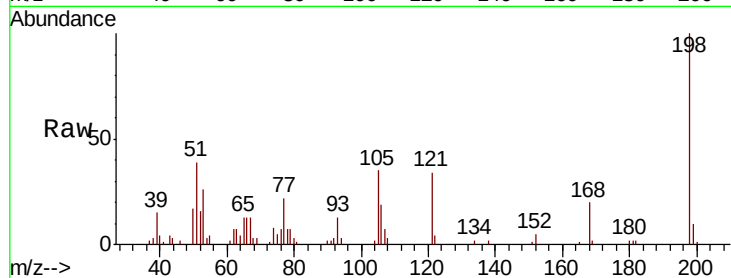




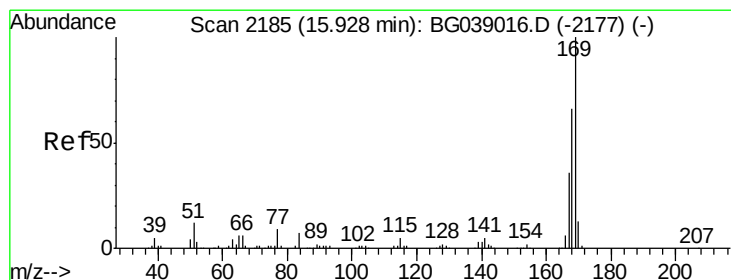
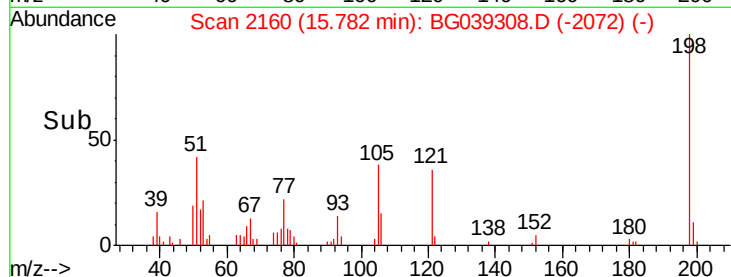
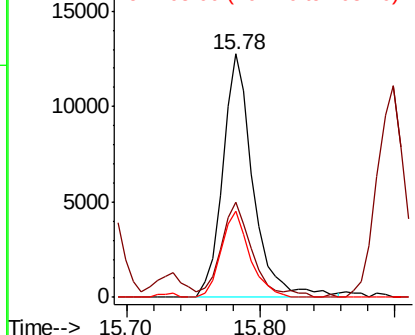
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 25.423 ng  
 RT: 15.78 min Scan# 2160  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116618BSD

Tgt Ion:198 Resp: 20346  
 Ion Ratio Lower Upper  
 198 100  
 51 39.1 20.8 60.8  
 105 35.5 16.1 56.1

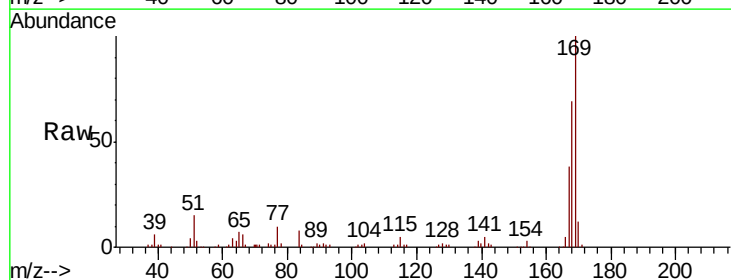


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

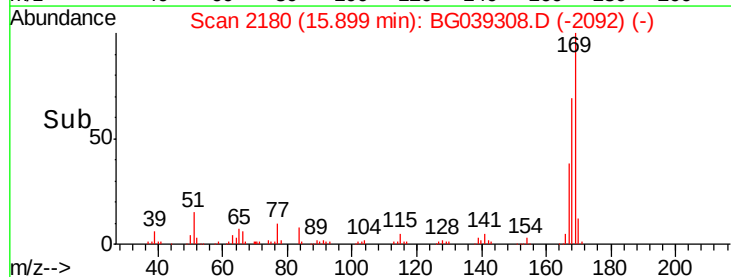
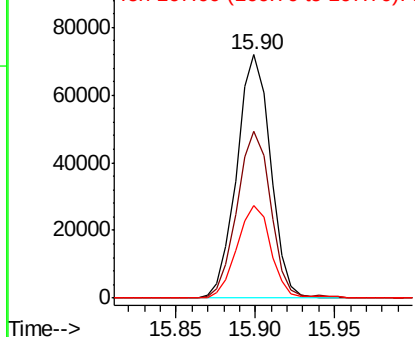


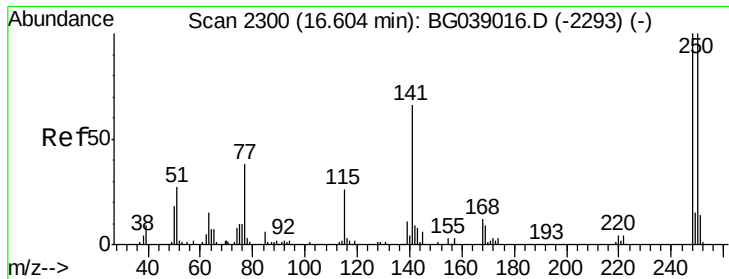
#66  
 n-Nitrosodiphenylamine  
 Concen: 33.132 ng  
 RT: 15.90 min Scan# 2180  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Tgt Ion:169 Resp: 106100  
 Ion Ratio Lower Upper  
 169 100  
 168 68.6 53.2 79.8  
 167 38.0 29.1 43.7



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

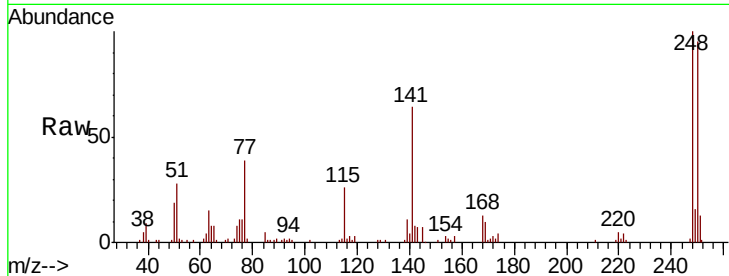




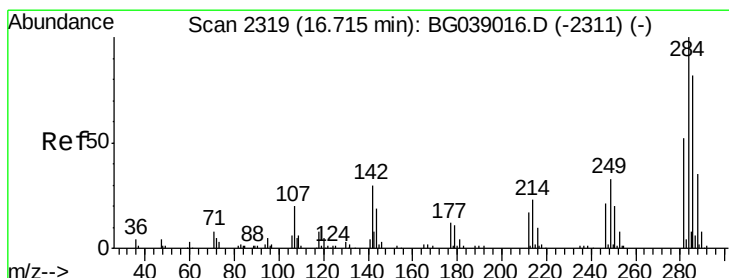
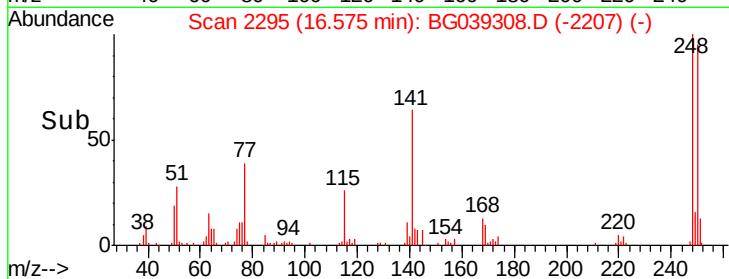
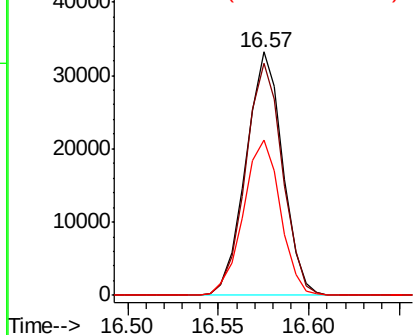
#67  
 4-Bromophenyl-phenylether  
 Concen: 33.653 ng  
 RT: 16.57 min Scan# 2295  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116618BSD

Tgt Ion:248 Resp: 46731  
 Ion Ratio Lower Upper  
 248 100  
 250 95.3 79.9 119.9  
 141 63.7 52.7 79.1

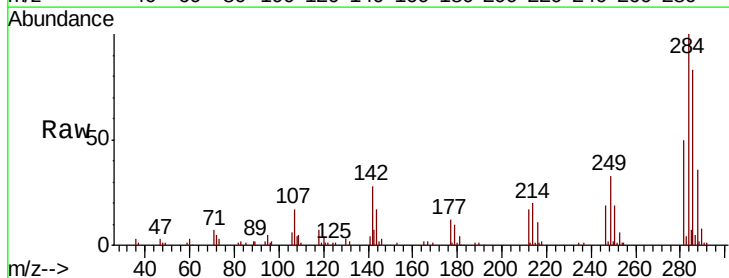


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

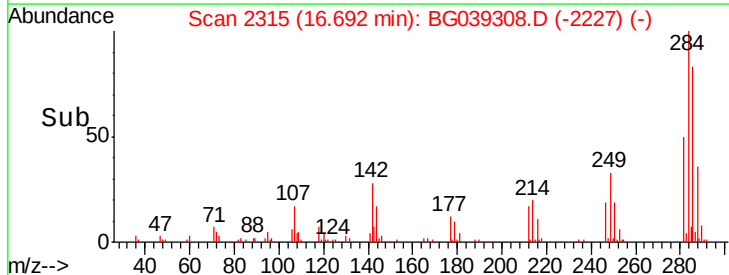
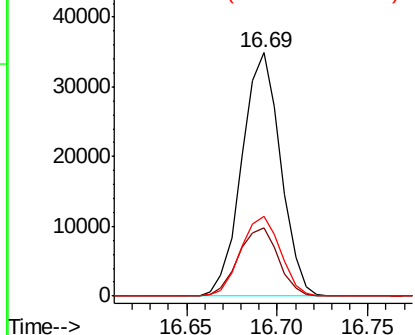


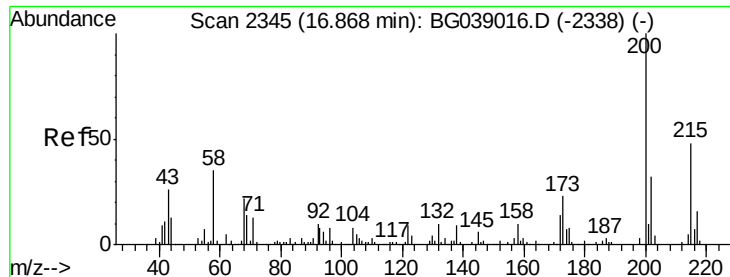
#68  
 Hexachlorobenzene  
 Concen: 34.193 ng  
 RT: 16.69 min Scan# 2315  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Tgt Ion:284 Resp: 51810  
 Ion Ratio Lower Upper  
 284 100  
 142 27.8 24.3 36.5  
 249 34.7 27.8 41.8



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: 35.541 ng

RT: 16.84 min Scan# 2340

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

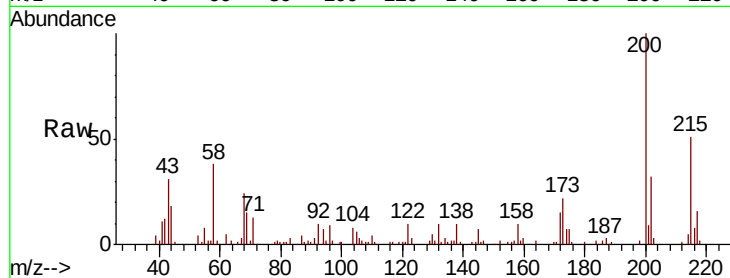
Tgt Ion:200 Resp: 48351

Ion Ratio Lower Upper

200 100

173 22.0 2.6 42.6

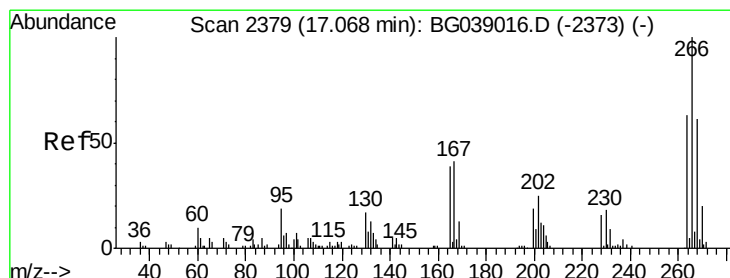
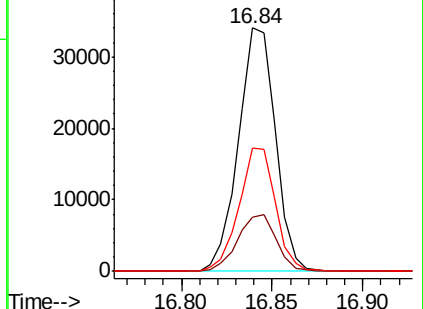
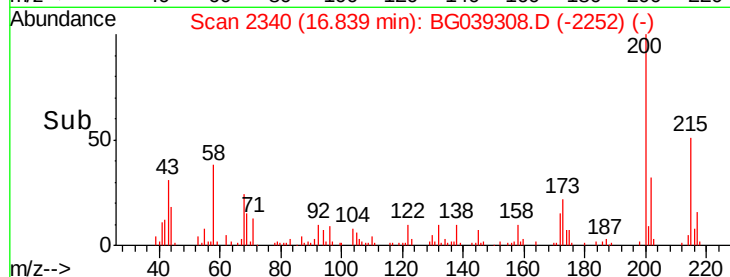
215 50.5 28.0 68.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 46.222 ng

RT: 17.04 min Scan# 2375

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

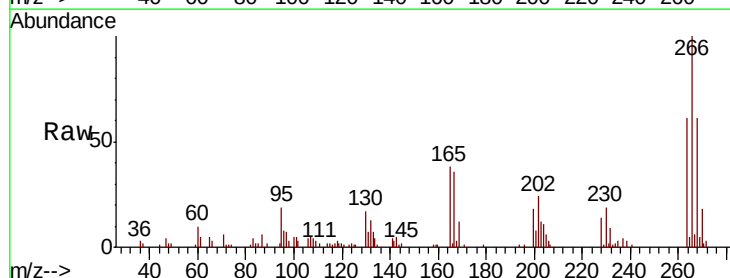
Tgt Ion:266 Resp: 40801

Ion Ratio Lower Upper

266 100

268 65.5 52.0 78.0

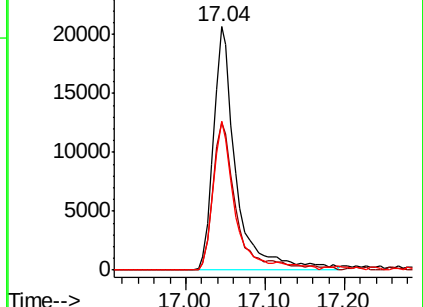
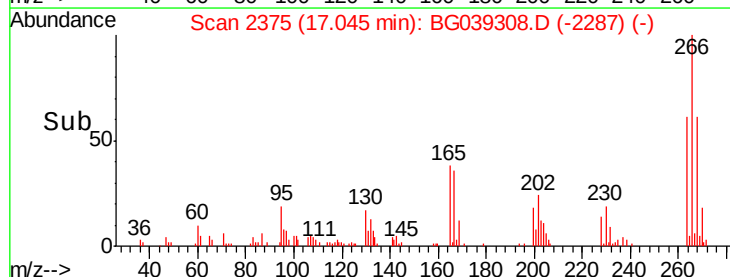
264 66.7 54.6 81.8

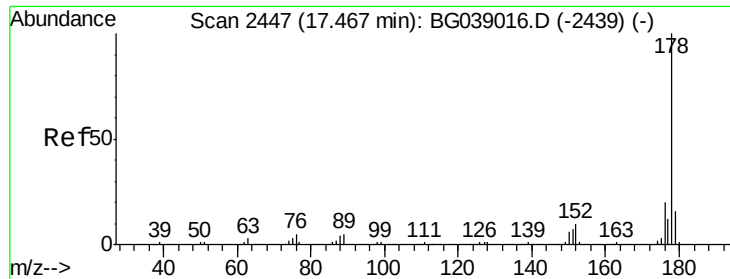


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

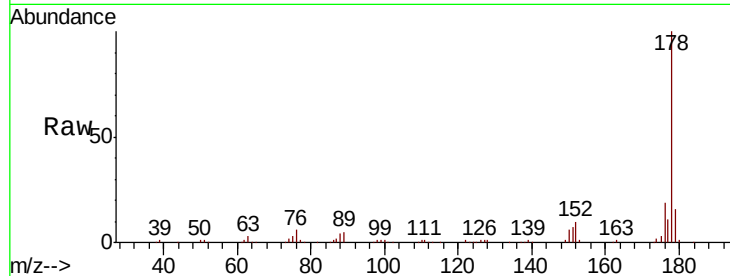




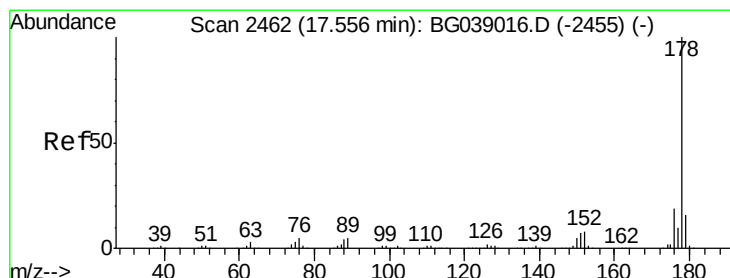
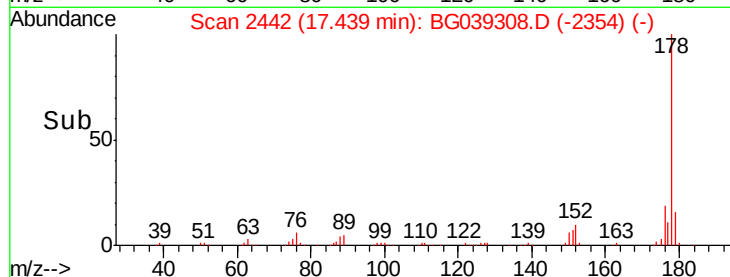
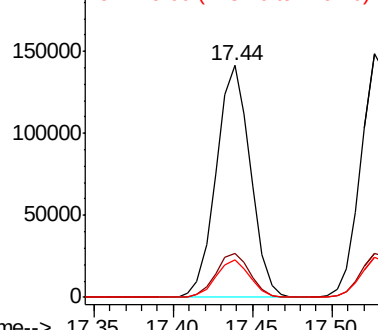
#71  
Phenanthrene  
Concen: 37.091 ng  
RT: 17.44 min Scan# 2442  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

Instrument :  
BNA\_G  
ClientSampleId :  
PB116618BSD

Tgt Ion:178 Resp: 211785  
Ion Ratio Lower Upper  
178 100  
176 18.9 15.7 23.5  
179 16.2 12.9 19.3

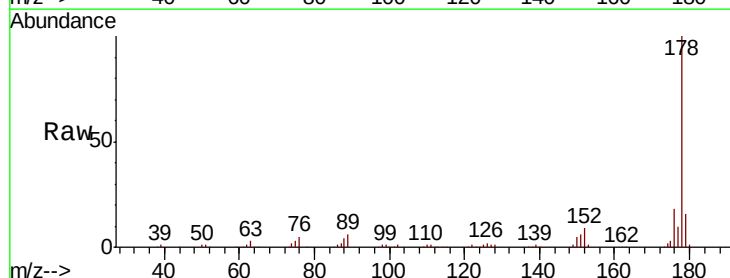


Abundance Ion 178.00 (177.70 to 178.70): E  
200000 Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

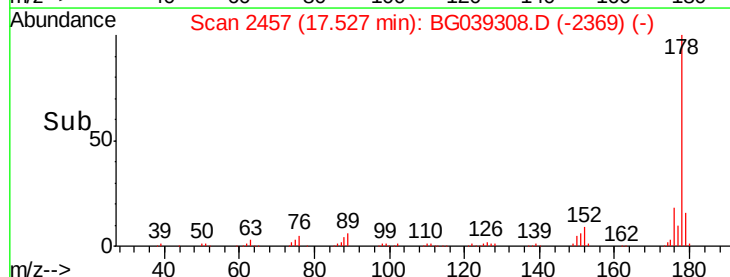
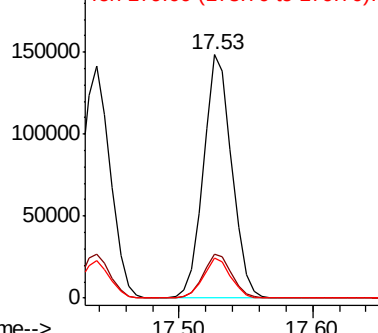


#72  
Anthracene  
Concen: 38.766 ng  
RT: 17.53 min Scan# 2457  
Delta R.T. -0.01 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

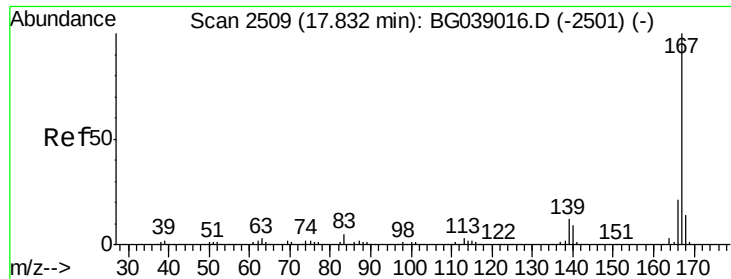
Tgt Ion:178 Resp: 218852  
Ion Ratio Lower Upper  
178 100  
176 18.3 14.9 22.3  
179 16.2 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E  
200000 Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



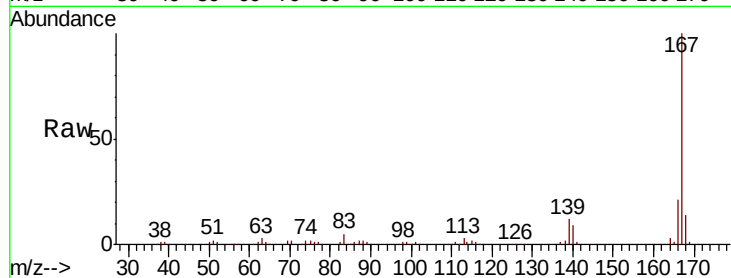




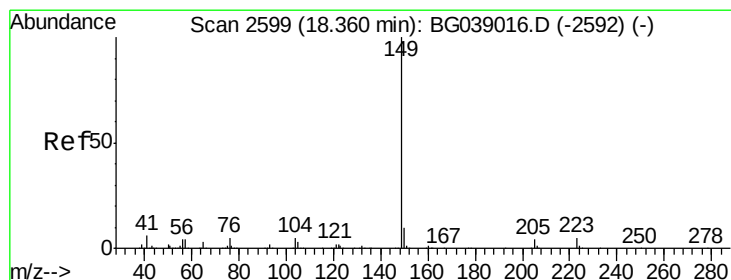
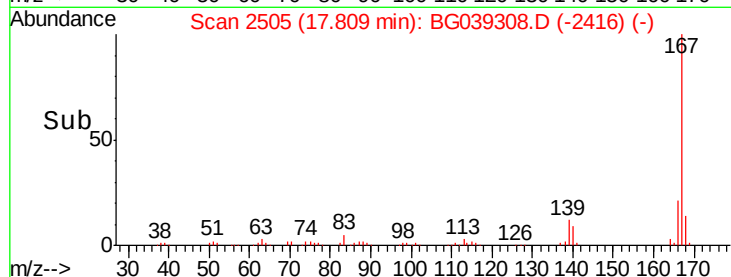
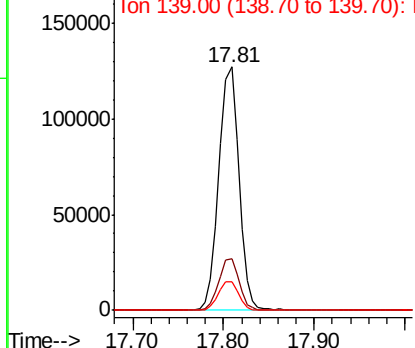
#73  
 Carbazole  
 Concen: 35.423 ng  
 RT: 17.81 min Scan# 2505  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116618BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.2  | 16.9  | 25.3  |
| 139     | 11.5  | 10.0  | 15.0  |

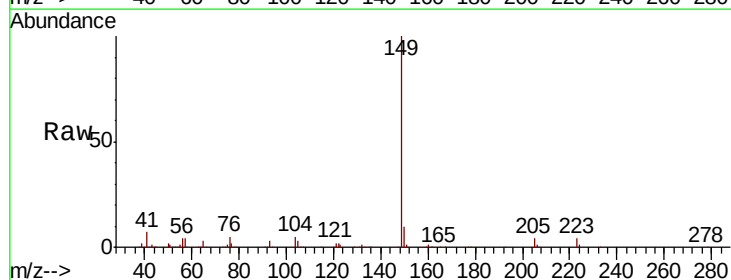


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

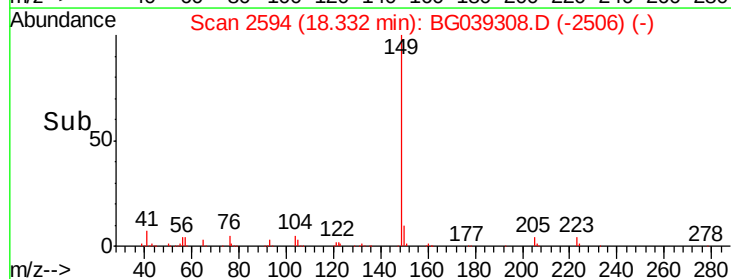
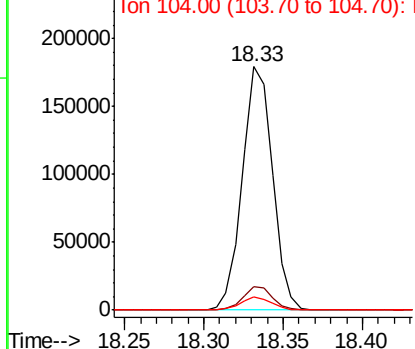


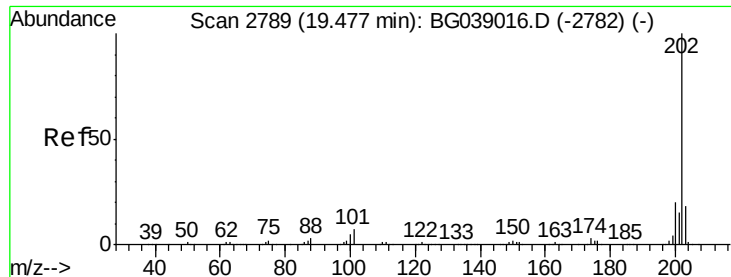
#74  
 Di-n-butylphthalate  
 Concen: 38.235 ng  
 RT: 18.33 min Scan# 2594  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.6   | 7.9   | 11.9  |
| 104     | 5.5   | 4.2   | 6.2   |



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

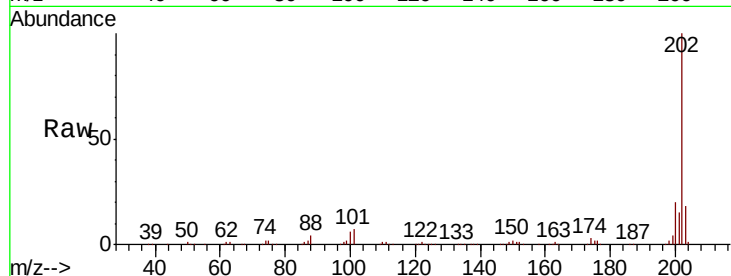




#75  
 Fluoranthene  
 Concen: 45.947 ng  
 RT: 19.45 min Scan# 2784  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB116618BSD

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 202     | 100   | 325232 |       |       |
| 101     | 7.3   | 0.0    | 26.9  |       |
| 203     | 17.8  | 0.0    | 38.1  |       |

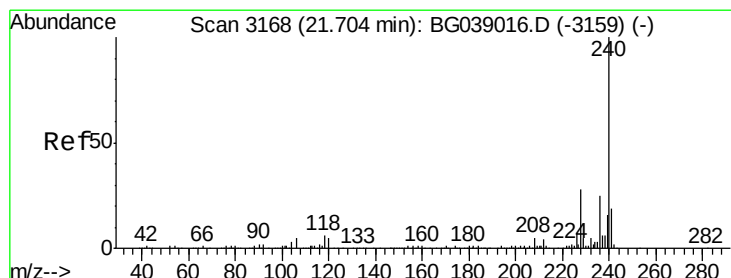
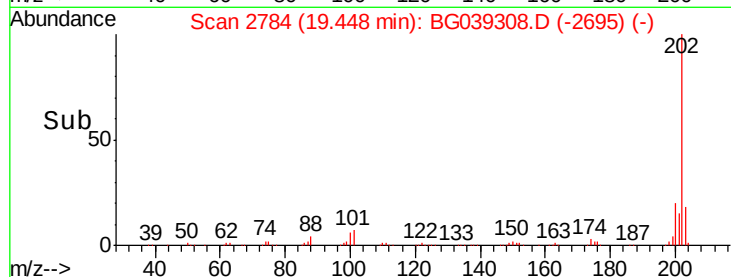
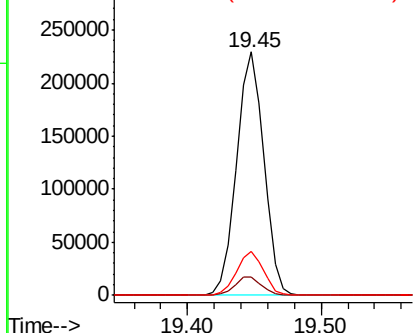


Abundance

Ion 202.00 (201.70 to 202.70): E

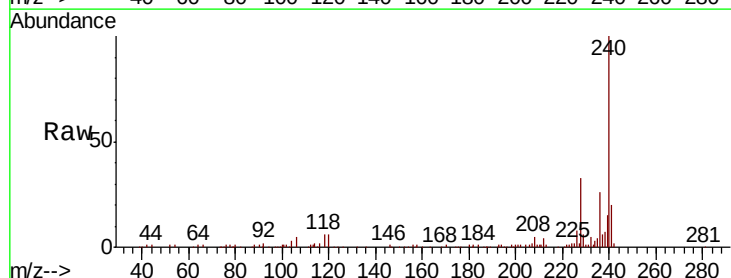
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.67 min Scan# 3162  
 Delta R.T. -0.01 min  
 Lab File: BG039308.D  
 Acq: 26 Jan 2019 12:21

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 240     | 100   | 115758 |       |       |
| 120     | 6.3   | 4.3    | 6.5   |       |
| 236     | 26.4  | 20.1   | 30.1  |       |

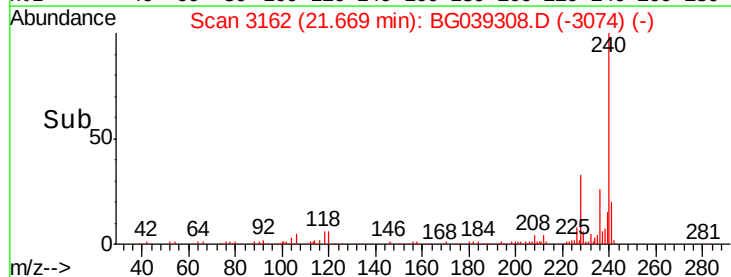
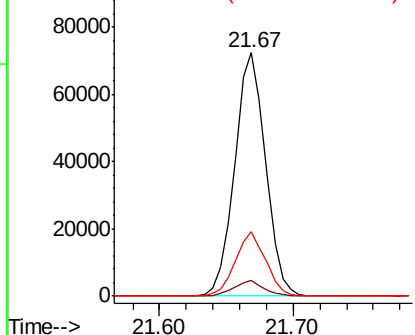


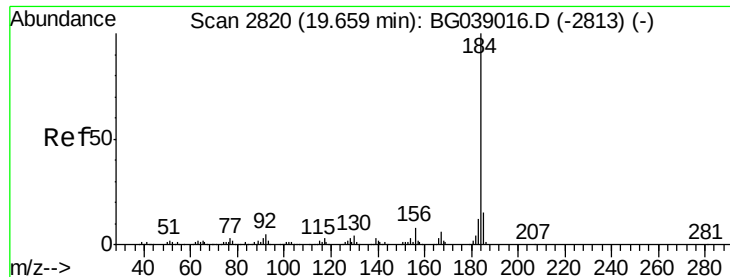
Abundance

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: 16.024 ng

RT: 19.64 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

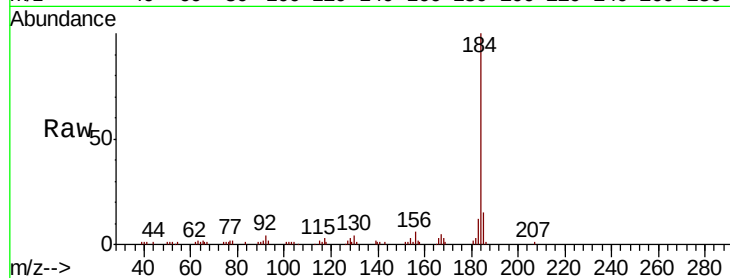
Tgt Ion:184 Resp: 56734

Ion Ratio Lower Upper

184 100

185 15.4 12.1 18.1

183 12.1 9.5 14.3

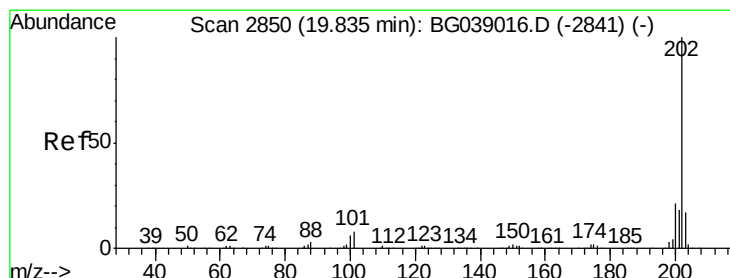
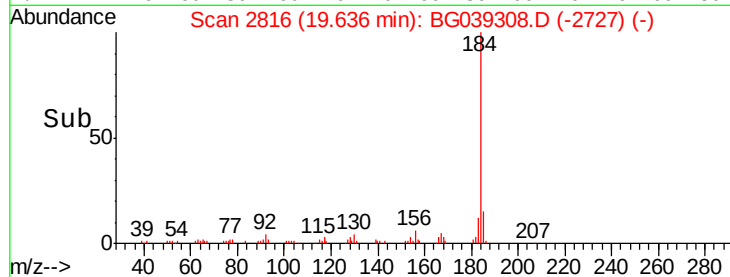
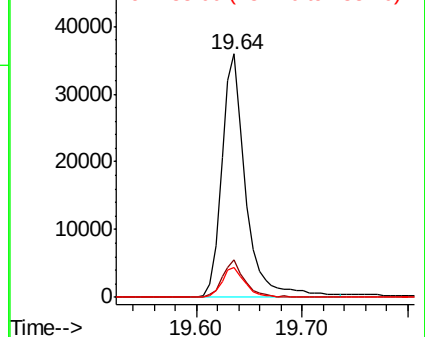


Abundance

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: 40.954 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

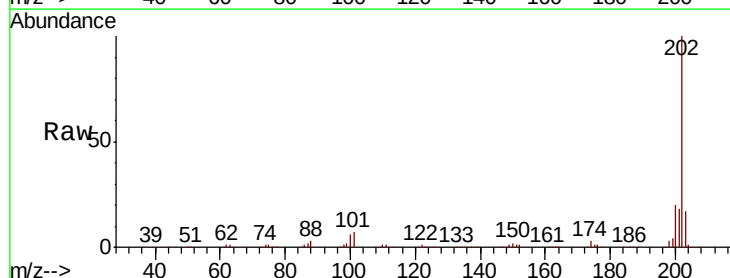
Tgt Ion:202 Resp: 302119

Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.6

203 17.3 14.0 21.0

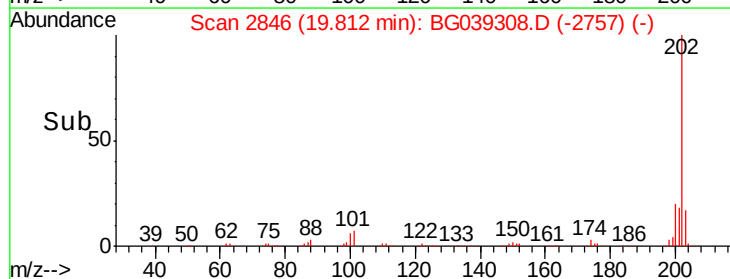
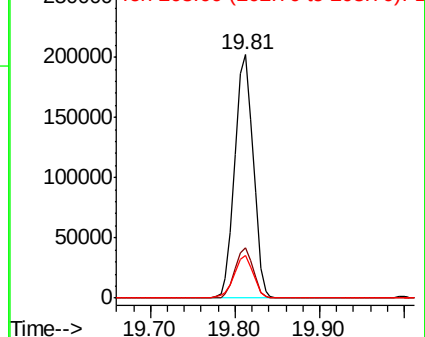


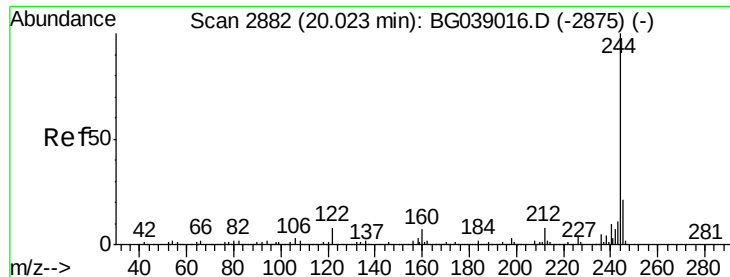
Abundance

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: 64.880 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

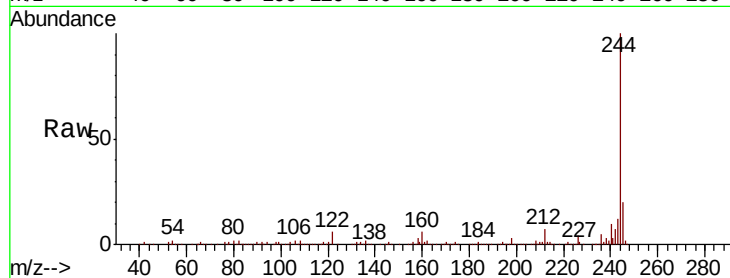
Tgt Ion:244 Resp: 405993

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 6.3 6.1 9.1



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

20.00

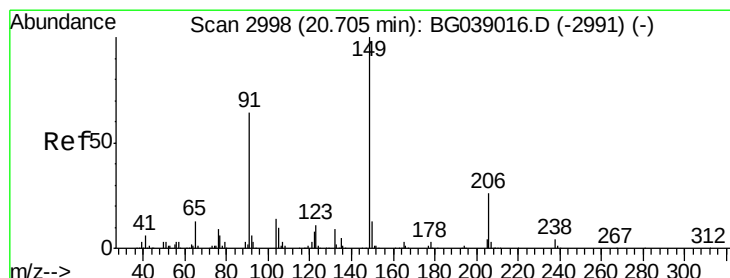
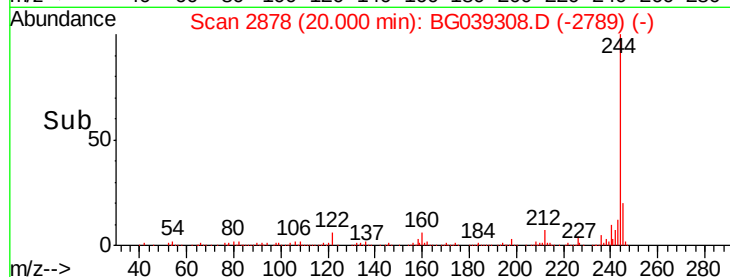
300000

200000

100000

0

Time--> 19.90 20.00 20.10



#80

Butylbenzylphthalate

Concen: 37.298 ng

RT: 20.68 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

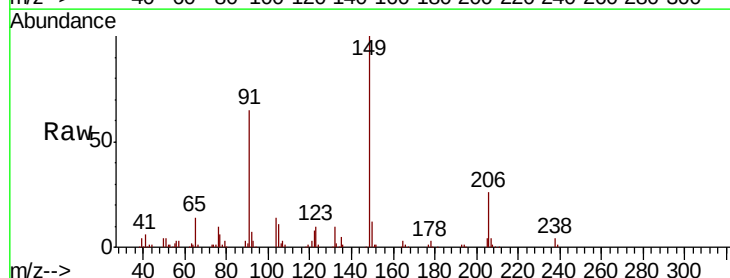
Tgt Ion:149 Resp: 104650

Ion Ratio Lower Upper

149 100

91 65.1 51.4 77.0

206 26.0 20.4 30.6



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

20.68

120000

100000

80000

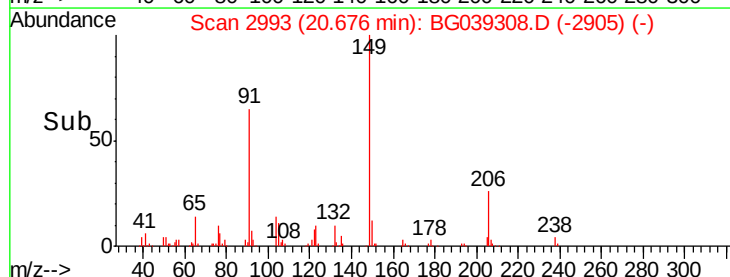
60000

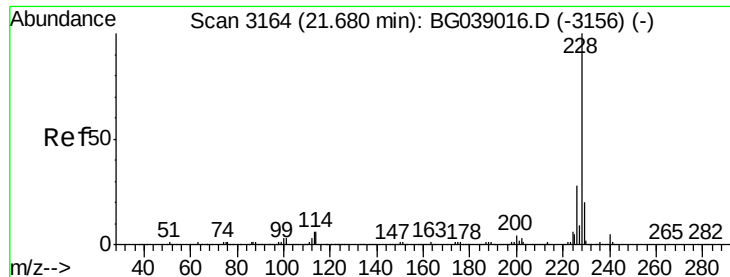
40000

20000

0

Time--> 20.65 20.70





#81

Benzo(a)anthracene

Concen: 38.902 ng

RT: 21.65 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

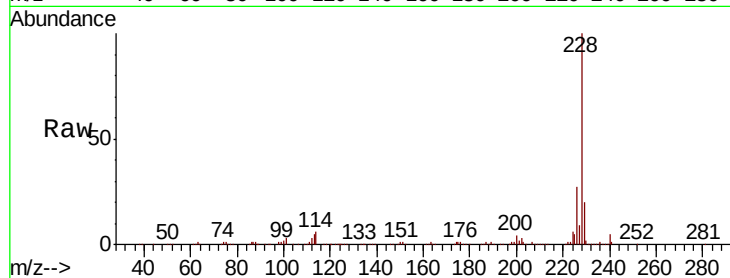
Tgt Ion:228 Resp: 274133

Ion Ratio Lower Upper

228 100

226 26.9 22.4 33.6

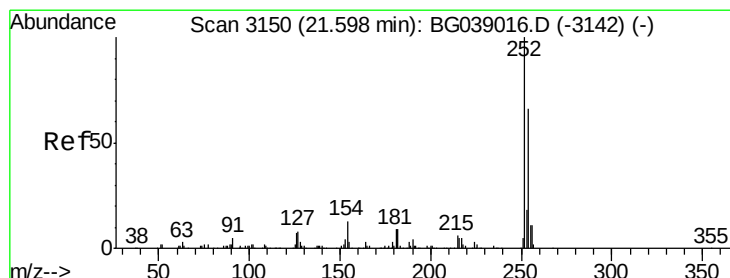
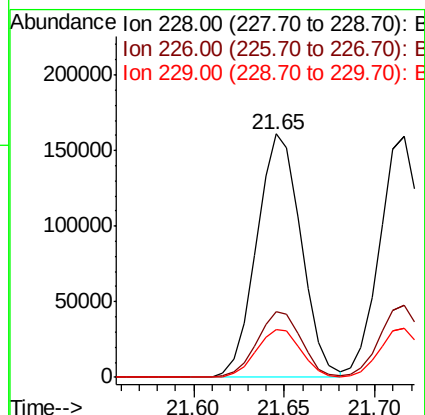
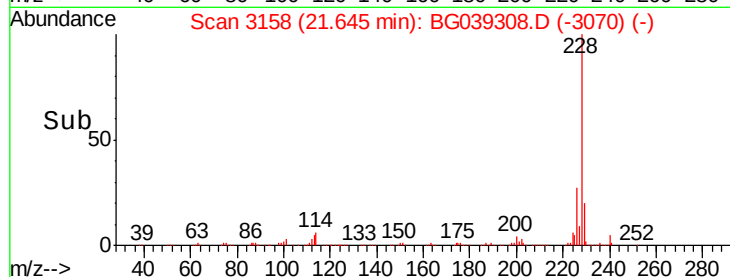
229 19.8 16.2 24.2



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: 14.855 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

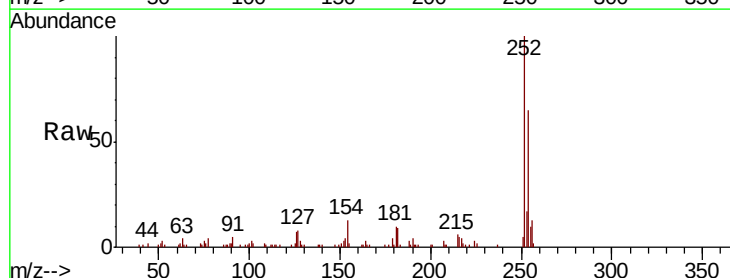
Tgt Ion:252 Resp: 42650

Ion Ratio Lower Upper

252 100

254 65.4 53.0 79.6

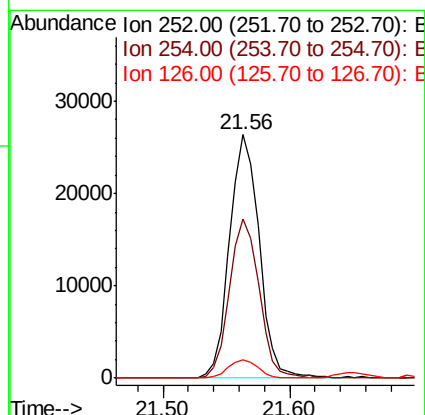
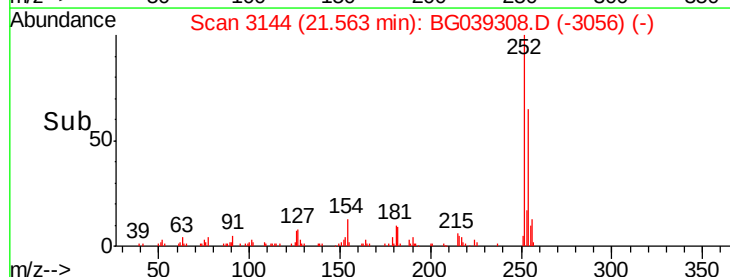
126 7.3 6.0 9.0

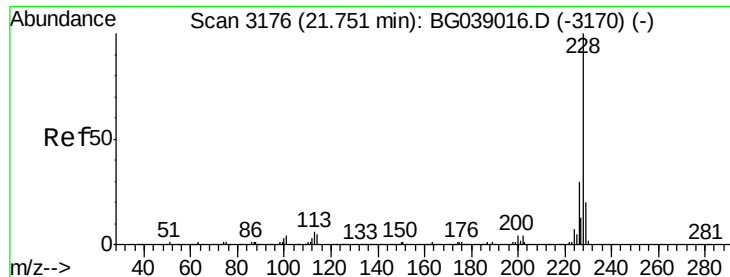


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.238 ng

RT: 21.72 min Scan# 3170

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

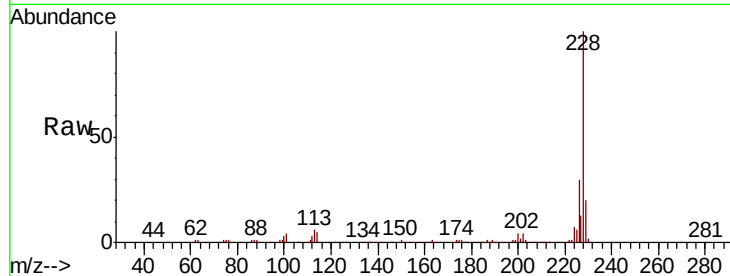
Tgt Ion:228 Resp: 256278

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 20.2 16.0 24.0

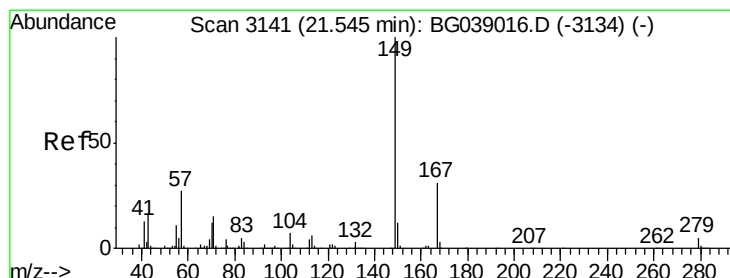
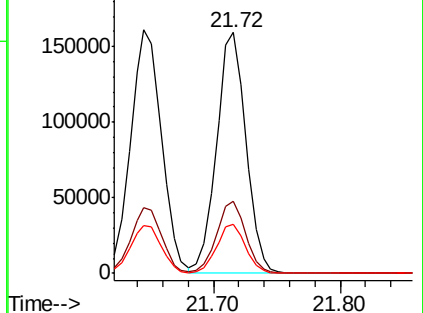
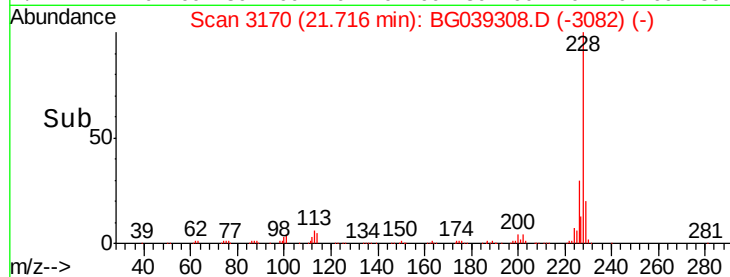


Abundance

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: 37.159 ng

RT: 21.52 min Scan# 3136

Delta R.T. -0.01 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

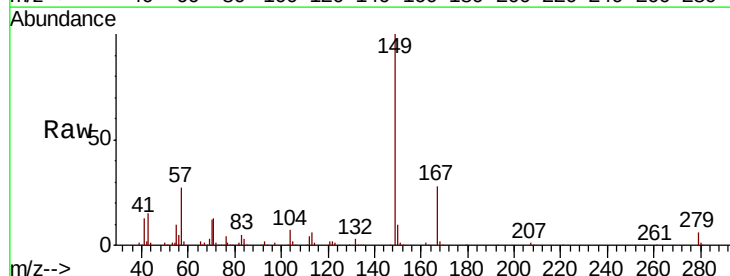
Tgt Ion:149 Resp: 144768

Ion Ratio Lower Upper

149 100

167 28.4 25.0 37.4

279 5.7 4.3 6.5

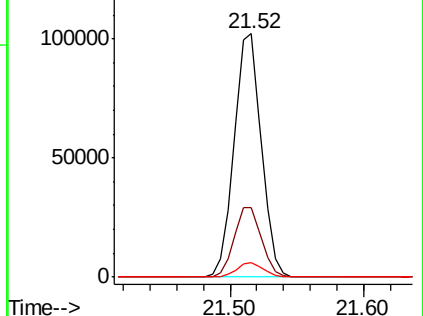
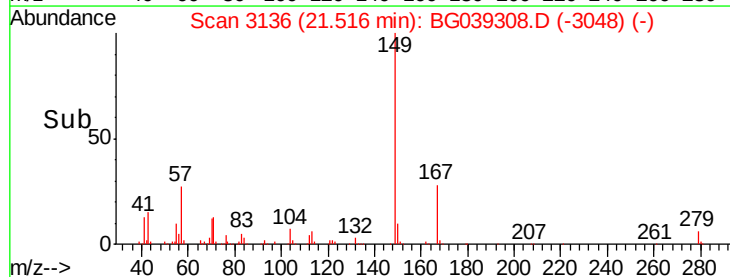


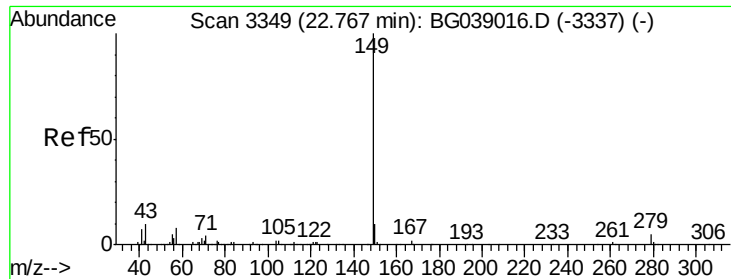
Abundance

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

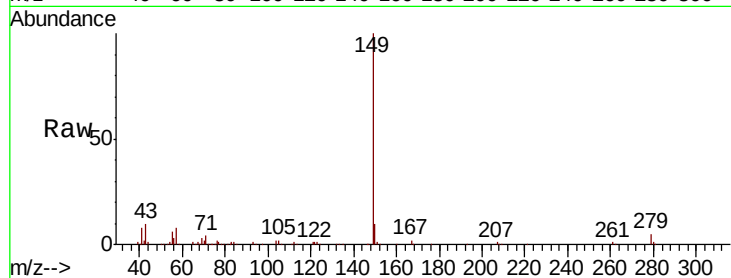




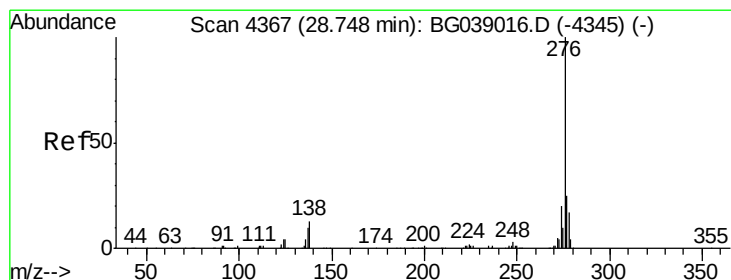
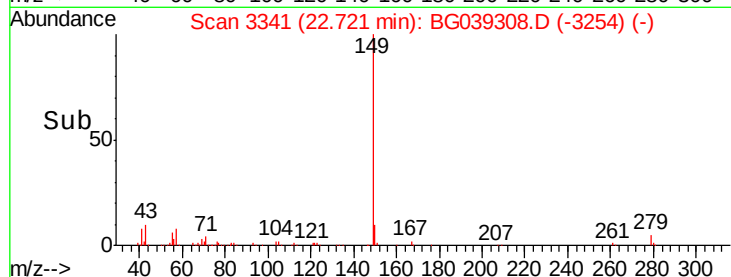
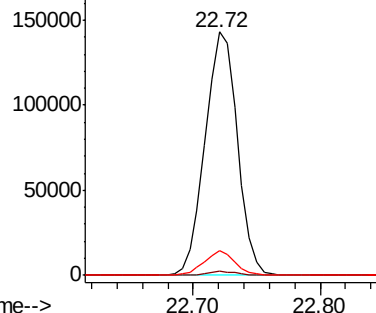
#85  
Di-n-octyl phthalate  
Concen: 38.288 ng  
RT: 22.72 min Scan# 3341  
Delta R.T. -0.02 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

Instrument :  
BNA\_G  
ClientSampleId :  
PB116618BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 9.6   | 7.5   | 11.3  |

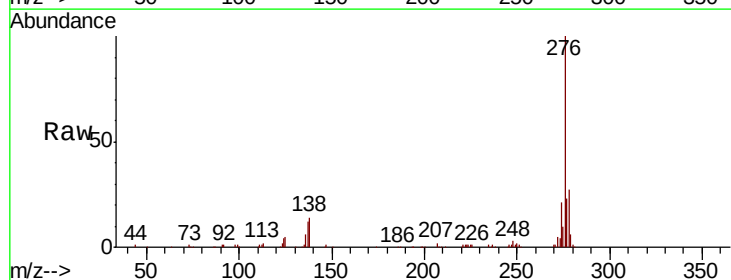


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BGC

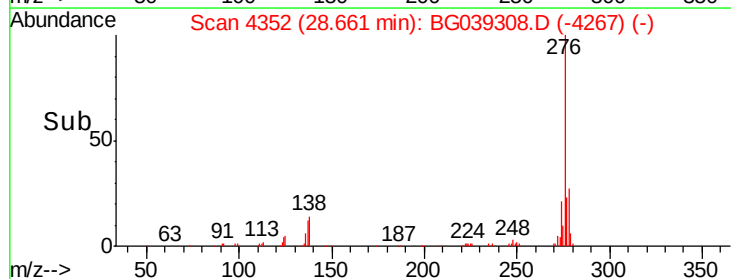
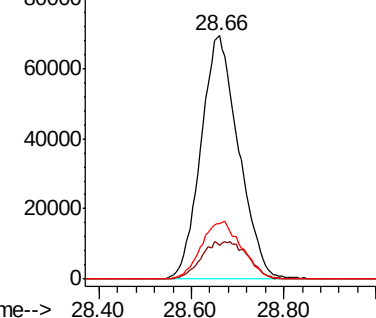


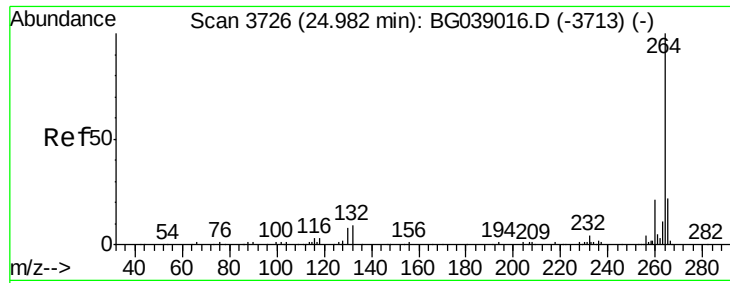
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 49.284 ng  
RT: 28.66 min Scan# 4352  
Delta R.T. -0.03 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 0.0   | 8.0   | 12.0# |
| 277     | 25.3  | 20.3  | 30.5  |



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



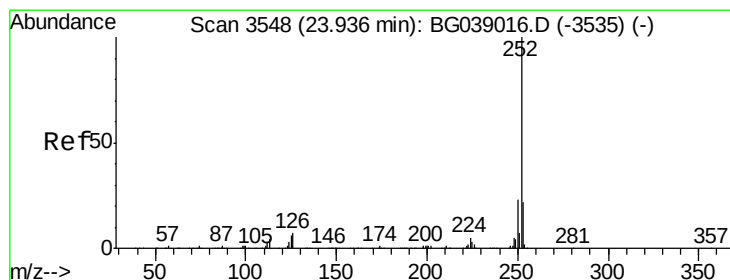
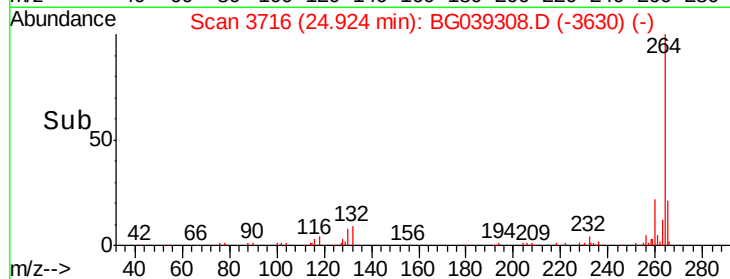
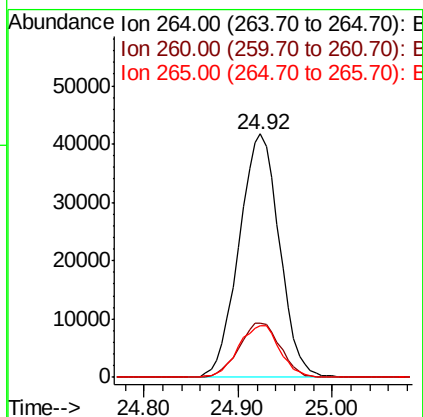
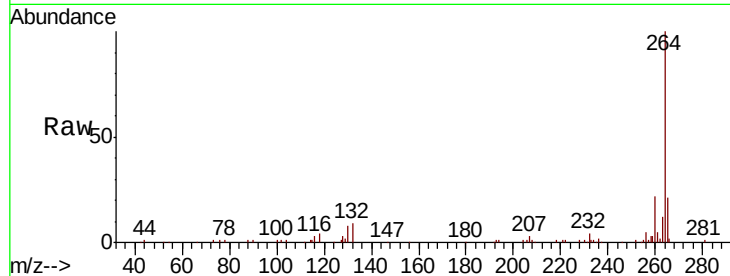


#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.92 min Scan# 3716  
Delta R.T. -0.02 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

Instrument :  
BNA\_G  
ClientSampleId :  
PB116618BSD

Tgt Ion: 264 Resp: 124093  

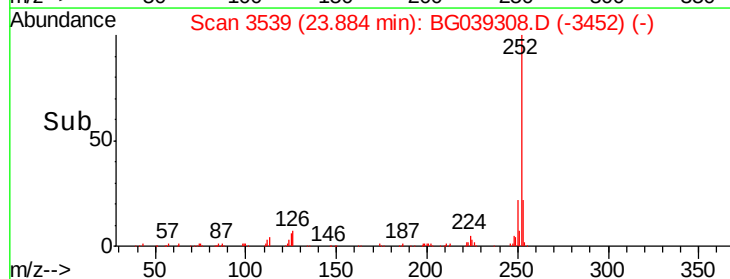
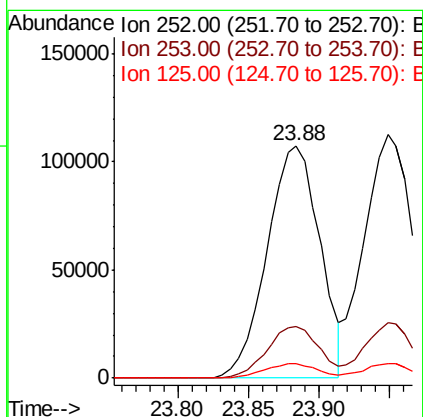
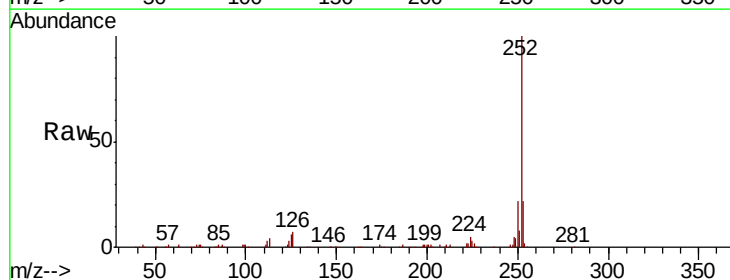
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 22.1  | 17.0  | 25.6  |
| 265 | 21.1  | 17.2  | 25.8  |



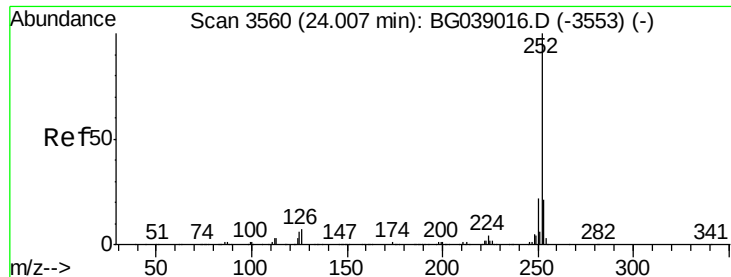
#88  
Benzo(b)fluoranthene  
Concen: 40.902 ng  
RT: 23.88 min Scan# 3539  
Delta R.T. -0.02 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

Tgt Ion: 252 Resp: 279871  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.2  | 17.8  | 26.6  |
| 125 | 6.1   | 4.9   | 7.3   |







#89

Benzo(k)fluoranthene

Concen: 40.406 ng

RT: 23.95 min Scan# 3550

Delta R.T. -0.02 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

Instrument :

BNA\_G

ClientSampleId :

PB116618BSD

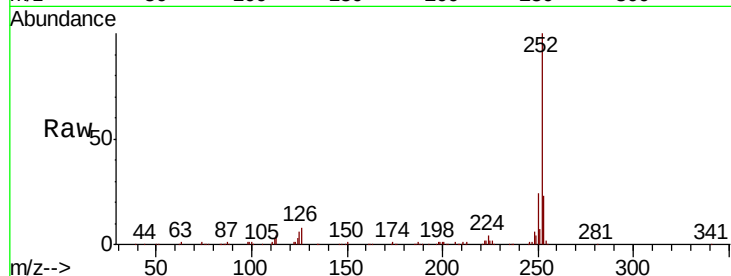
Tgt Ion:252 Resp: 273362

Ion Ratio Lower Upper

252 100

253 22.7 17.1 25.7

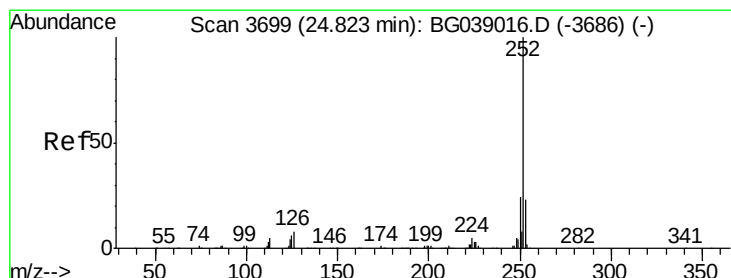
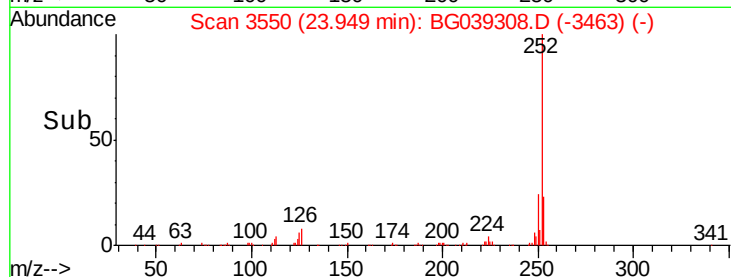
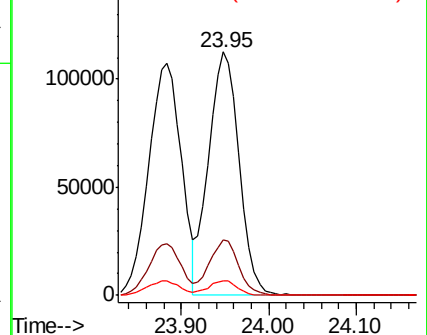
125 6.1 4.6 7.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 39.938 ng

RT: 24.77 min Scan# 3690

Delta R.T. -0.02 min

Lab File: BG039308.D

Acq: 26 Jan 2019 12:21

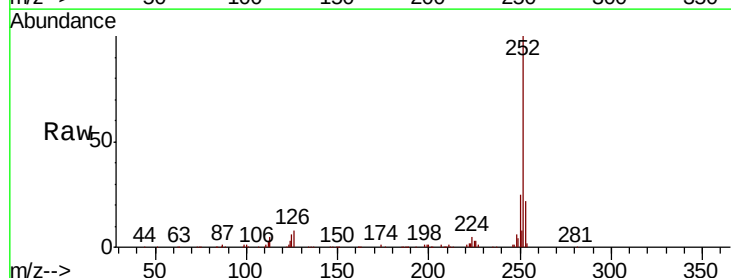
Tgt Ion:252 Resp: 264142

Ion Ratio Lower Upper

252 100

253 22.3 18.3 27.5

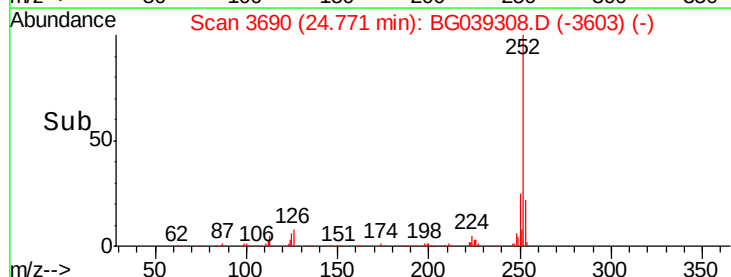
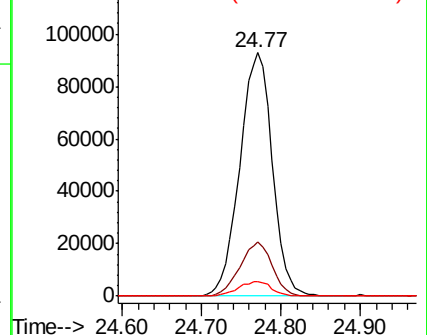
125 5.8 4.9 7.3

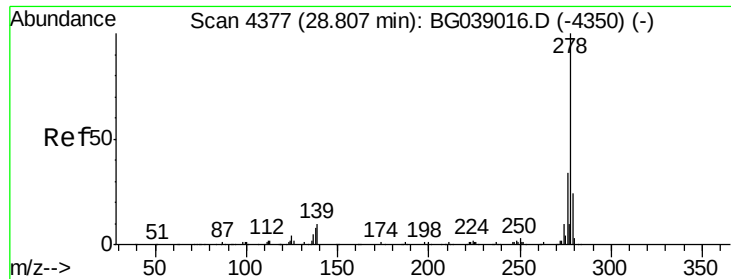


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

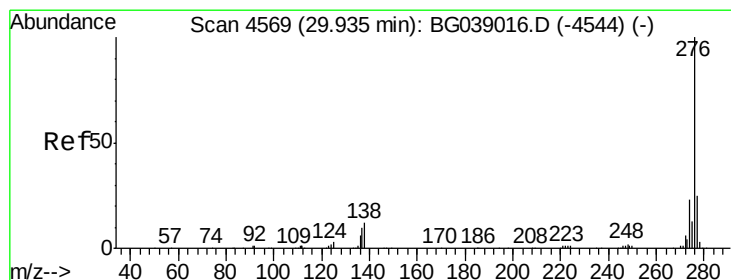
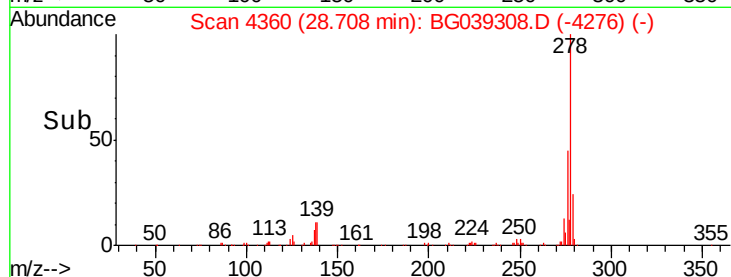
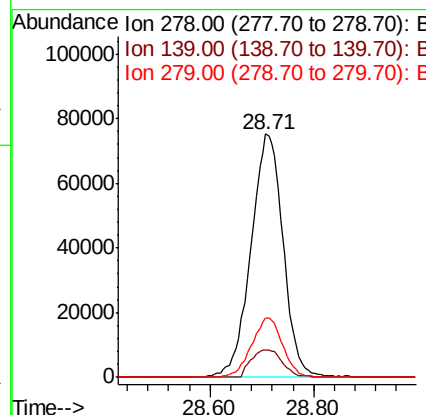
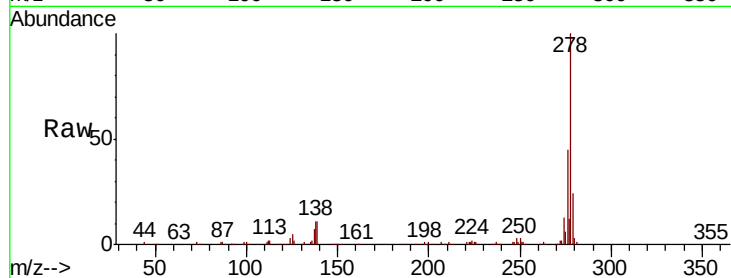




#91  
Dibenzo(a,h)anthracene  
Concen: 49.357 ng  
RT: 28.71 min Scan# 4360  
Delta R.T. -0.04 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

Instrument :  
BNA\_G  
ClientSampleId :  
PB116618BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 11.1  | 7.9   | 11.9  |
| 279     | 24.3  | 19.3  | 28.9  |



#92  
Benzo(g,h,i)perylene  
Concen: 40.599 ng  
RT: 29.83 min Scan# 4551  
Delta R.T. -0.04 min  
Lab File: BG039308.D  
Acq: 26 Jan 2019 12:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 20.3  | 30.5  |
| 138     | 11.5  | 9.4   | 14.2  |

