

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG020619\NOT REVIEWED DATA\  
 Data File : BG039367.D  
 Acq On : 6 Feb 2019 12:42  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 07 01:13:36 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 29 15:41:51 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.18  | 152  | 57553    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.00 | 136  | 244221   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.80 | 164  | 160818   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.54 | 188  | 375543   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.84 | 240  | 379050   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.22 | 264  | 395933   | 20.00 | ng    | -0.02    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.71  | 112  | 271400   | 80.71 | ng    | 0.00     |
| 7) Phenol-d6                | 7.31  | 99   | 396994   | 80.20 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.36  | 82   | 361373   | 92.44 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.29 | 330  | 151076   | 87.24 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.43 | 172  | 874138   | 77.98 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.14 | 244  | 1352808  | 75.54 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.61  | 88   | 58587    | 39.830 | ng    | 92     |
| 3) Pyridine                    | 4.02  | 79   | 162494   | 41.724 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 3.93  | 42   | 72107    | 37.022 | ng    | 99     |
| 6) Aniline                     | 7.50  | 93   | 235733   | 38.021 | ng    | 98     |
| 8) 2-Chlorophenol              | 7.73  | 128  | 152041   | 41.363 | ng    | 93     |
| 9) Benzaldehyde                | 7.32  | 77   | 101681   | 41.601 | ng    | 98     |
| 10) Phenol                     | 7.34  | 94   | 202557   | 39.257 | ng    | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.59  | 93   | 161509   | 39.613 | ng    | 95     |
| 12) 1,3-Dichlorobenzene        | 8.06  | 146  | 176461   | 39.628 | ng    | 96     |
| 13) 1,4-Dichlorobenzene        | 8.22  | 146  | 180740   | 40.723 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 8.53  | 146  | 172220   | 40.083 | ng    | 96     |
| 15) Benzyl Alcohol             | 8.42  | 79   | 151344   | 38.946 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.70  | 45   | 327909   | 35.614 | ng    | 99     |
| 17) 2-Methylphenol             | 8.60  | 107  | 132529   | 39.691 | ng    | 92     |
| 18) Hexachloroethane           | 9.26  | 117  | 63188    | 41.382 | ng    | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.99  | 70   | 131197   | 37.344 | ng    | 96     |
| 20) 3+4-Methylphenols          | 8.93  | 107  | 183683   | 39.948 | ng    | 97     |
| 22) Acetophenone               | 9.01  | 105  | 259474   | 39.553 | ng    | # 94   |
| 24) Nitrobenzene               | 9.40  | 77   | 186395   | 44.134 | ng    | 99     |
| 25) Isophorone                 | 9.91  | 82   | 323925   | 37.392 | ng    | 98     |
| 26) 2-Nitrophenol              | 10.11 | 139  | 80873    | 48.717 | ng    | 97     |
| 27) 2,4-Dimethylphenol         | 10.14 | 122  | 143420   | 40.926 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.40 | 93   | 214293   | 40.160 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 10.64 | 162  | 164049   | 42.832 | ng    | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.85 | 180  | 183383   | 42.647 | ng    | 98     |
| 31) Naphthalene                | 11.05 | 128  | 480939   | 39.696 | ng    | 99     |
| 32) Benzoic acid               | 10.25 | 122  | 88274    | 40.259 | ng    | 95     |
| 33) 4-Chloroaniline            | 11.16 | 127  | 222753   | 39.652 | ng    | 98     |
| 34) Hexachlorobutadiene        | 11.32 | 225  | 126607   | 44.274 | ng    | 95     |
| 35) Caprolactam                | 11.95 | 113  | 62836    | 39.646 | ng    | 93     |
| 36) 4-Chloro-3-methylphenol    | 12.25 | 107  | 178021   | 40.190 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 12.65 | 142  | 350468   | 39.056 | ng    | 96     |
| 38) 1-Methylnaphthalene        | 12.86 | 142  | 333697   | 38.578 | ng    | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 13.00 | 216  | 212149   | 41.462 | ng    | 99     |

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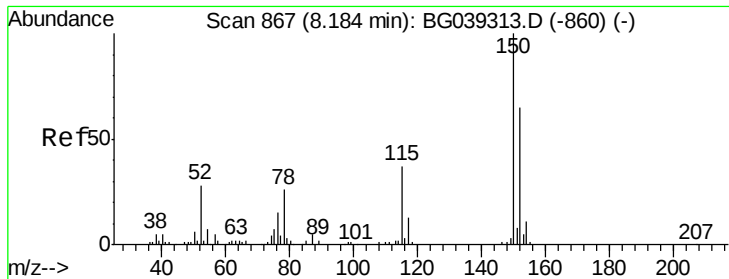
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 07 01:13:36 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 29 15:41:51 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.97 | 237  | 111181   | 39.876 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.23 | 196  | 136440   | 43.369 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.30 | 196  | 143657   | 43.568 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.64 | 154  | 519875   | 38.853 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.69 | 162  | 405980   | 40.332 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.89 | 65   | 125777   | 44.276 | ng    | 94       |
| 49) Acenaphthylene             | 14.53 | 152  | 594630   | 39.150 | ng    | 99       |
| 50) Dimethylphthalate          | 14.25 | 163  | 509340   | 39.215 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.38 | 165  | 107869   | 44.924 | ng    | 97       |
| 52) Acenaphthene               | 14.87 | 154  | 390703   | 39.628 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.71 | 138  | 117963   | 45.394 | ng #  | 92       |
| 54) 2,4-Dinitrophenol          | 14.91 | 184  | 25411    | 33.539 | ng    | 97       |
| 55) Dibenzofuran               | 15.20 | 168  | 623950   | 39.472 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.99 | 139  | 90348    | 41.480 | ng    | 92       |
| 57) 2,4-Dinitrotoluene         | 15.16 | 165  | 147671   | 47.574 | ng #  | 89       |
| 58) Fluorene                   | 15.85 | 166  | 456484   | 38.738 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.33 | 232  | 138432   | 44.839 | ng    | 89       |
| 60) Diethylphthalate           | 15.60 | 149  | 513258   | 38.220 | ng    | 97       |
| 61) 4-Chlorophenyl-phenylether | 15.83 | 204  | 270461   | 40.534 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.87 | 138  | 118011   | 43.738 | ng    | 96       |
| 63) Azobenzene                 | 16.13 | 77   | 480703   | 36.624 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.92 | 198  | 63835    | 44.495 | ng    | 92       |
| 66) n-Nitrosodiphenylamine     | 16.05 | 169  | 450596   | 39.460 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.73 | 248  | 171254   | 41.105 | ng    | 93       |
| 68) Hexachlorobenzene          | 16.83 | 284  | 176346   | 42.188 | ng    | 96       |
| 69) Atrazine                   | 16.99 | 200  | 160752   | 38.522 | ng    | 98       |
| 70) Pentachlorophenol          | 17.18 | 266  | 118707   | 40.861 | ng    | 97       |
| 71) Phenanthrene               | 17.59 | 178  | 758412   | 39.019 | ng    | 99       |
| 72) Anthracene                 | 17.68 | 178  | 750907   | 39.221 | ng    | 98       |
| 73) Carbazole                  | 17.95 | 167  | 735037   | 38.470 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.48 | 149  | 866926   | 38.892 | ng    | 98       |
| 75) Fluoranthene               | 19.59 | 202  | 888425   | 39.380 | ng    | 98       |
| 77) Benzidine                  | 19.77 | 184  | 310231   | 24.964 | ng    | 99       |
| 78) Pyrene                     | 19.95 | 202  | 912092   | 38.653 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.82 | 149  | 390301   | 39.210 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.82 | 228  | 883660   | 39.453 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.73 | 252  | 330811   | 39.833 | ng    | 98       |
| 83) Chrysene                   | 21.89 | 228  | 836670   | 39.241 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.69 | 149  | 554727   | 39.063 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.97 | 149  | 916591   | 39.068 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.12 | 276  | 973871   | 42.572 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 24.14 | 252  | 841772   | 38.985 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.21 | 252  | 856152   | 39.493 | ng    | 99       |
| 90) Benzo(a)pyrene             | 25.06 | 252  | 826015   | 39.722 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 29.19 | 278  | 791625   | 40.649 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.34 | 276  | 797445   | 41.082 | ng    | 98       |

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



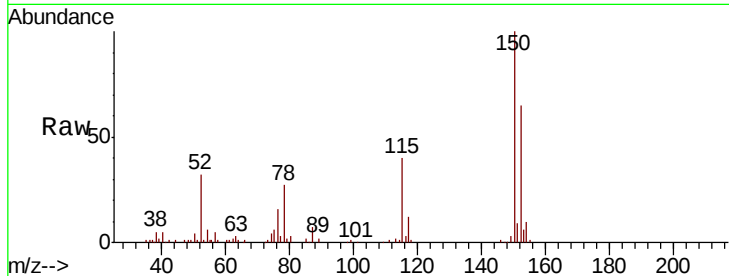


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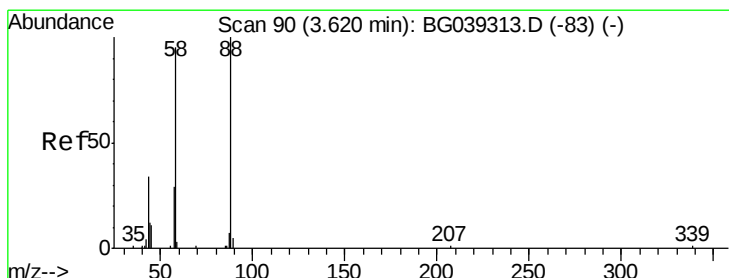
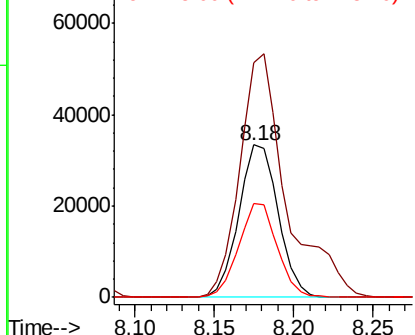
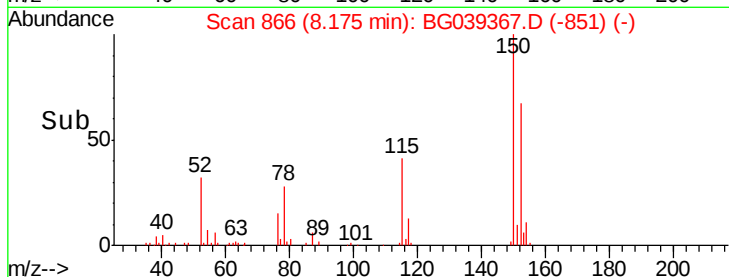
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.18 min Scan# 866  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

Instrument :  
BNA\_G  
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SSTDCCC040

Tgt Ion:152 Resp: 57553  
Ion Ratio Lower Upper  
152 100  
150 154.0 123.7 185.5  
115 61.4 45.9 68.9



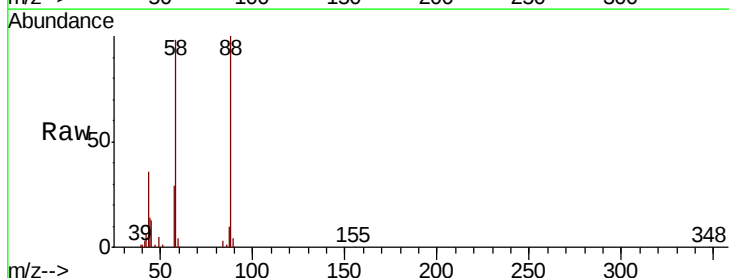
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



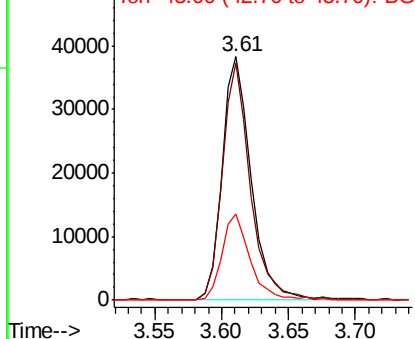
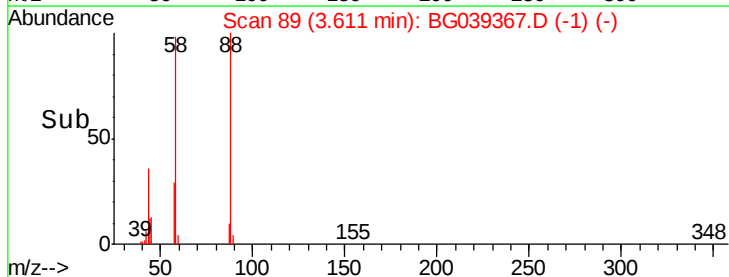
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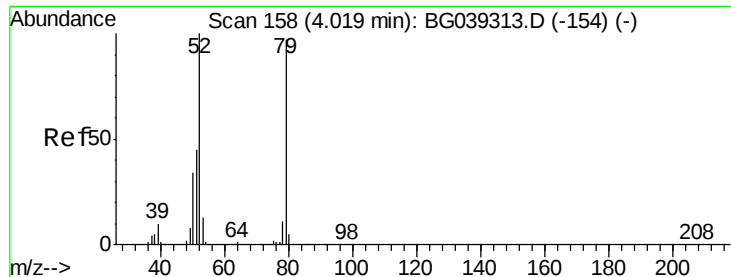
1,4-Dioxane  
Concen: 39.830 ng  
RT: 3.61 min Scan# 89  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

Tgt Ion: 88 Resp: 58587  
Ion Ratio Lower Upper  
88 100  
58 93.4 81.1 121.7  
43 34.4 31.4 47.0



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





#3

Pyridine

Concen: 41.724 ng

RT: 4.02 min Scan# 158

Delta R.T. -0.00 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

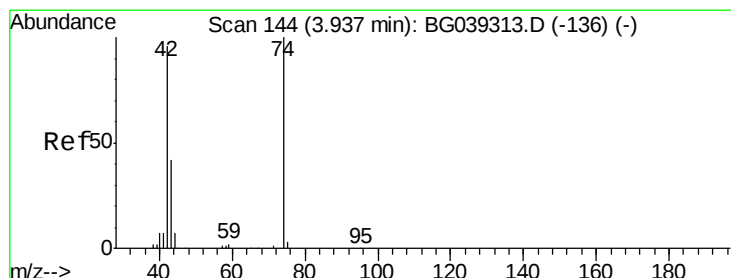
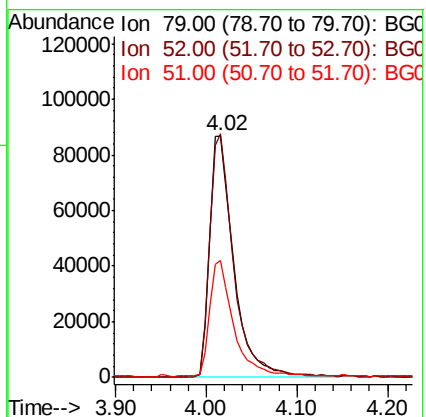
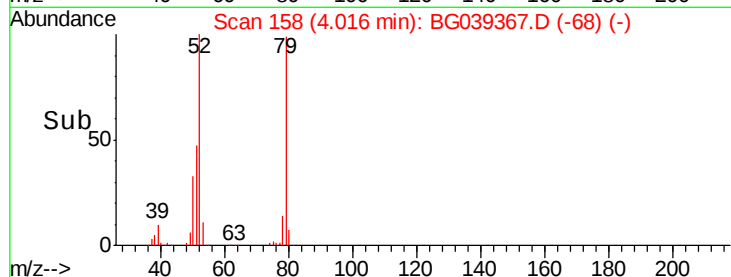
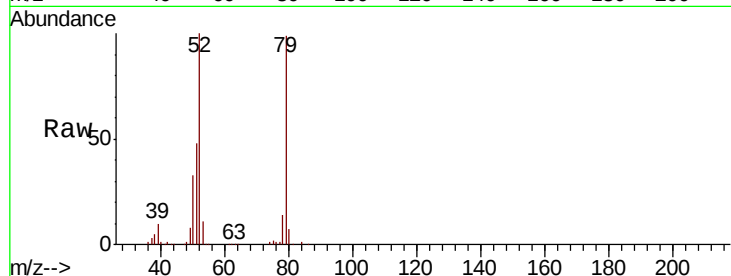
Tgt Ion: 79 Resp: 162494

Ion Ratio Lower Upper

79 100

52 100.9 82.6 124.0

51 48.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 37.022 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

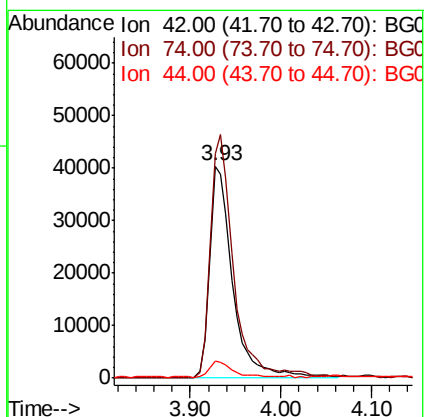
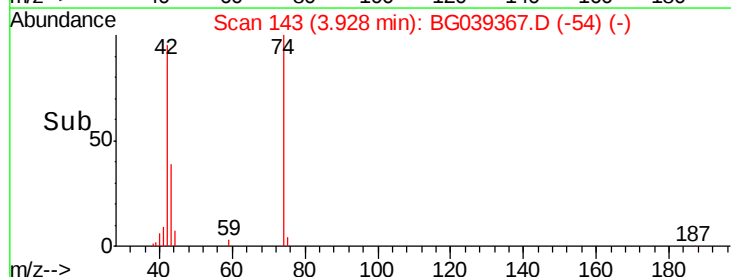
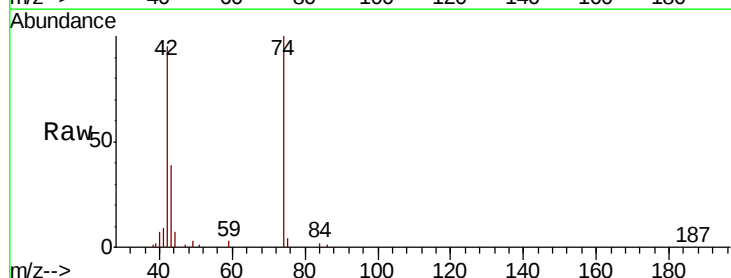
Tgt Ion: 42 Resp: 72107

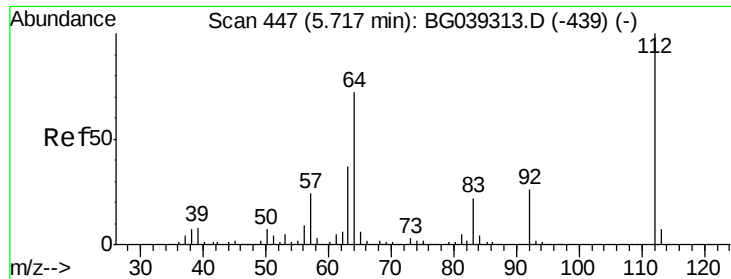
Ion Ratio Lower Upper

42 100

74 105.7 83.6 125.4

44 7.8 6.9 10.3





#5

2-Fluorophenol

Concen: 80.709 ng

RT: 5.71 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

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ClientSampleId :

SSTDCCC040

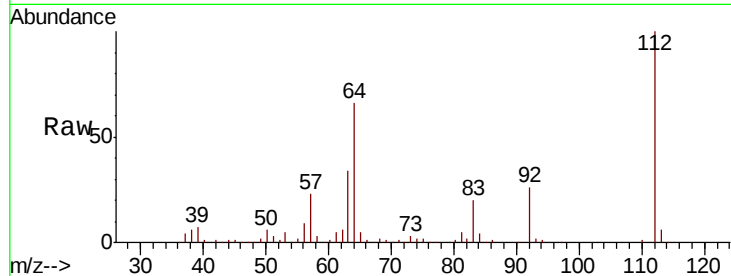
Tgt Ion: 112 Resp: 271400

Ion Ratio Lower Upper

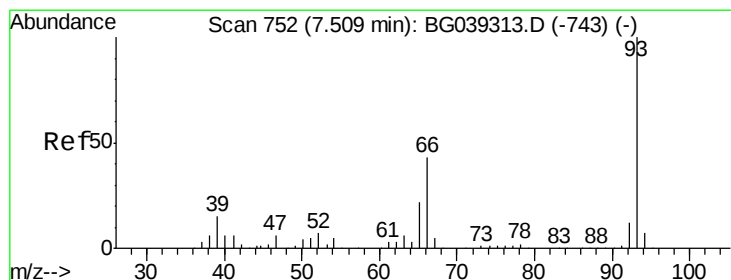
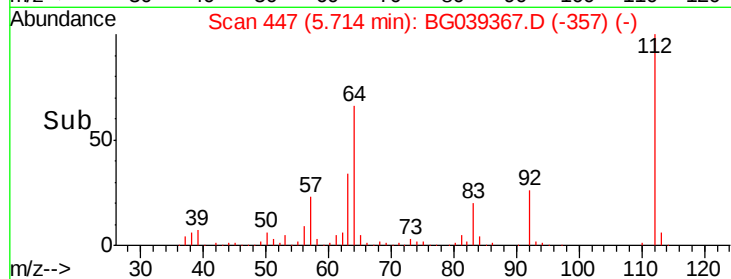
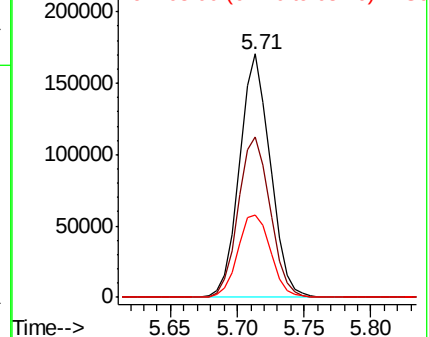
112 100

64 66.1 57.8 86.8

63 33.8 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 38.021 ng

RT: 7.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

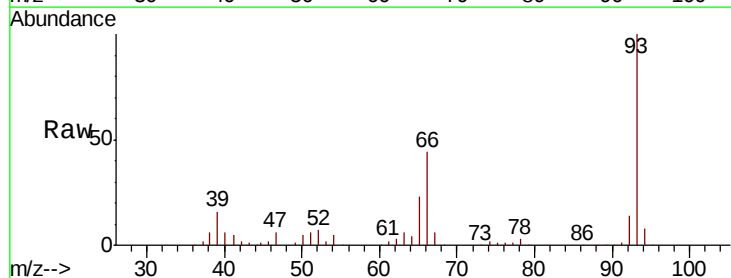
Tgt Ion: 93 Resp: 235733

Ion Ratio Lower Upper

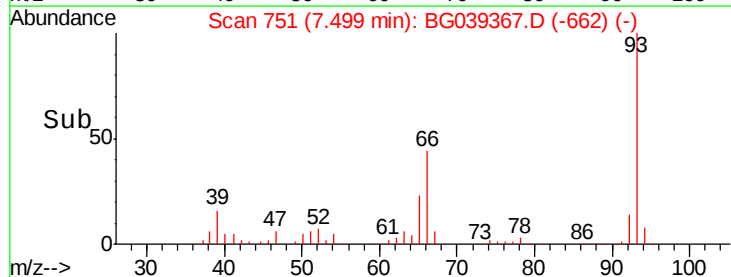
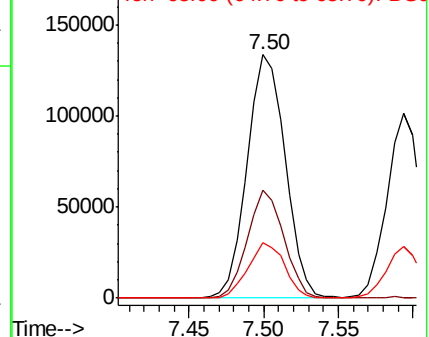
93 100

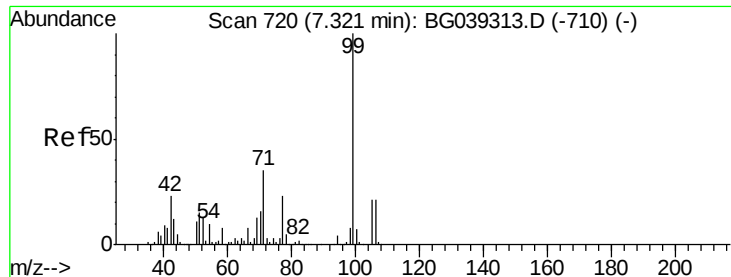
66 44.4 34.2 51.4

65 22.9 17.7 26.5



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





#7

Phenol-d6

Concen: 80.204 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

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ClientSampleId :

SSTDCCC040

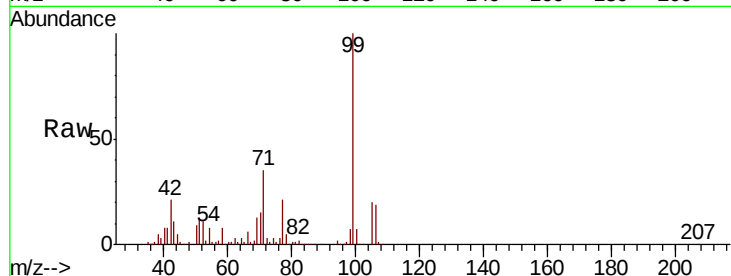
Tgt Ion: 99 Resp: 396994

Ion Ratio Lower Upper

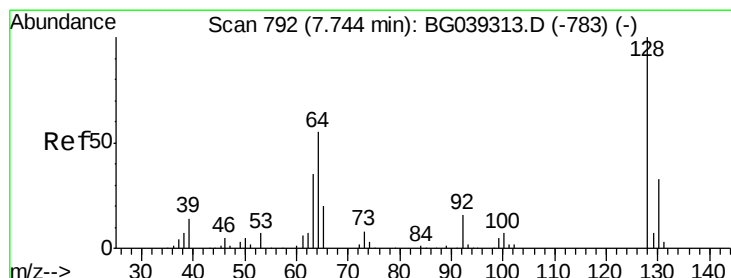
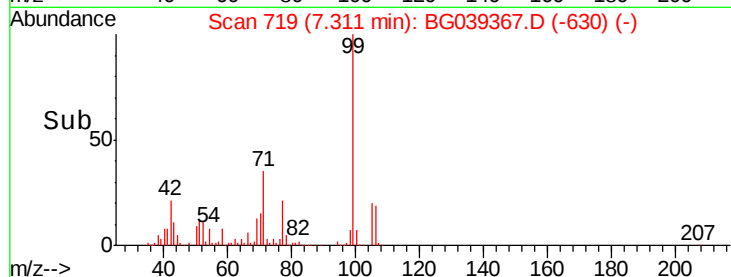
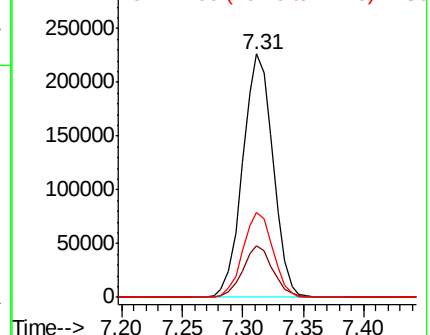
99 100

42 21.2 18.2 27.2

71 35.1 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 41.363 ng

RT: 7.73 min Scan# 791

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

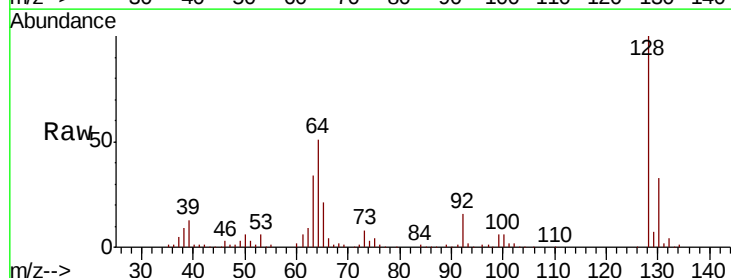
Tgt Ion: 128 Resp: 152041

Ion Ratio Lower Upper

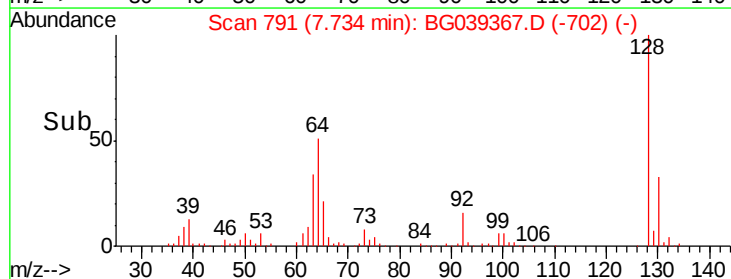
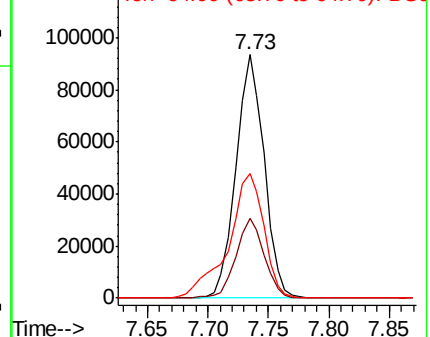
128 100

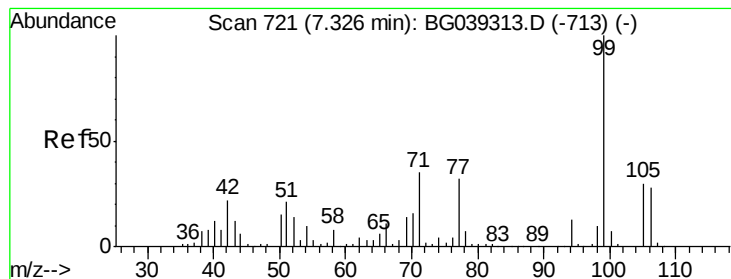
130 32.5 12.9 52.9

64 51.0 38.7 78.7



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





#9

Benzaldehyde

Concen: 41.601 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

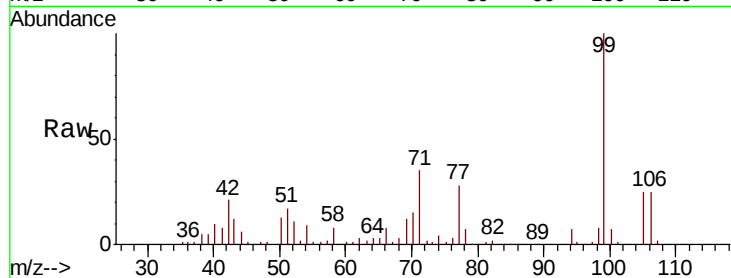
Tgt Ion: 77 Resp: 101681

Ion Ratio Lower Upper

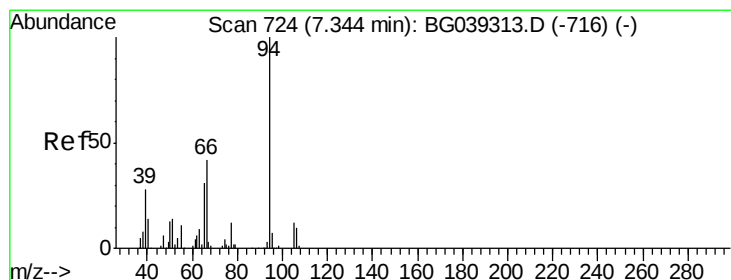
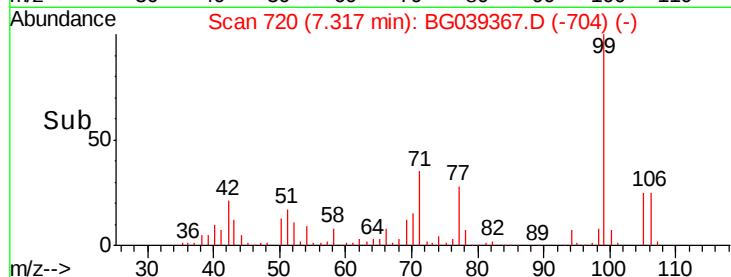
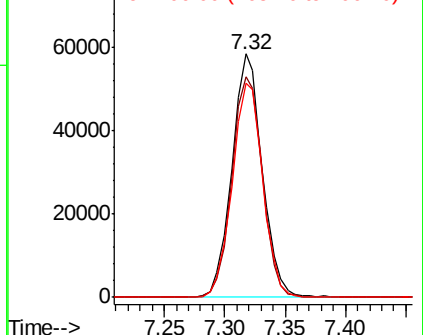
77 100

105 90.4 74.5 114.5

106 87.7 68.0 108.0



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



#10

Phenol

Concen: 39.257 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

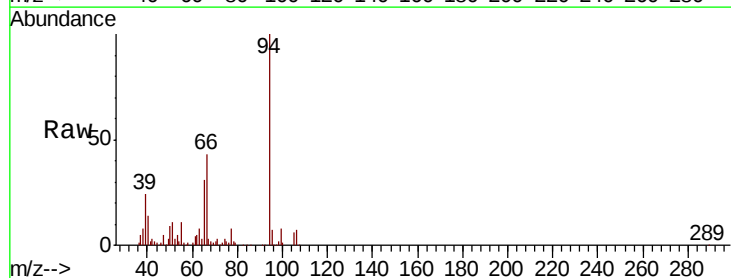
Tgt Ion: 94 Resp: 202557

Ion Ratio Lower Upper

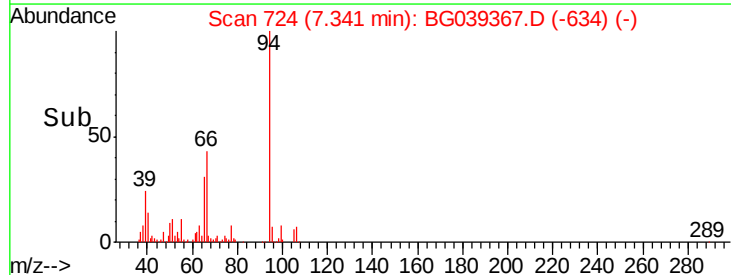
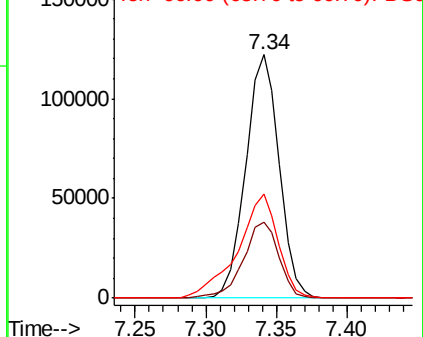
94 100

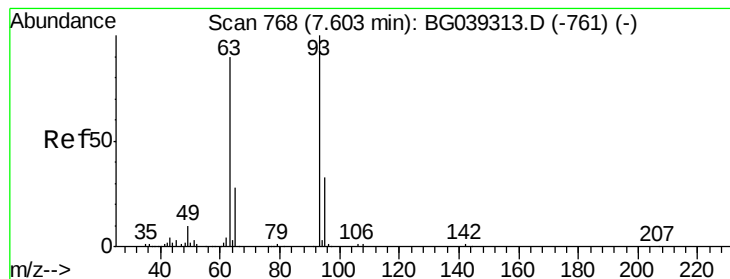
65 31.3 11.7 51.7

66 42.9 23.7 63.7



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





#11

bis(2-Chloroethyl)ether

Concen: 39.613 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

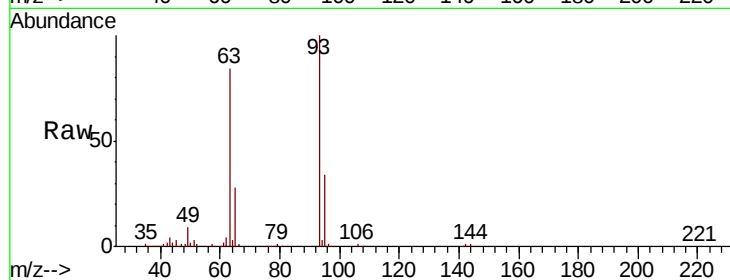
Tgt Ion: 93 Resp: 161509

Ion Ratio Lower Upper

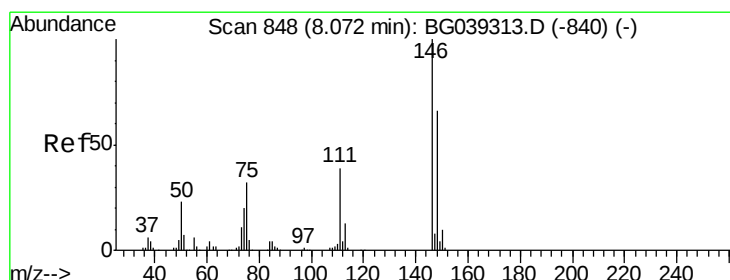
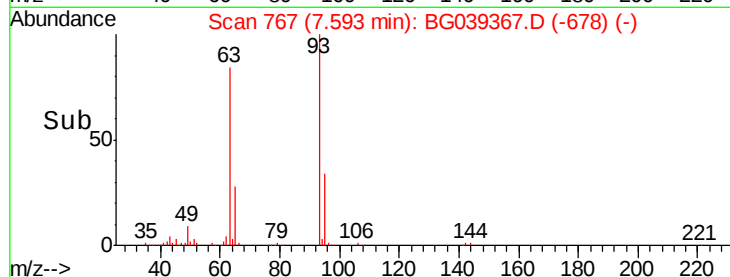
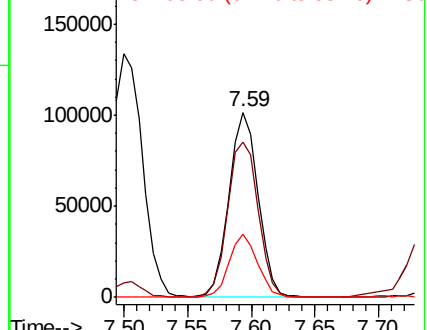
93 100

63 83.6 69.5 109.5

95 34.4 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 39.628 ng

RT: 8.06 min Scan# 847

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

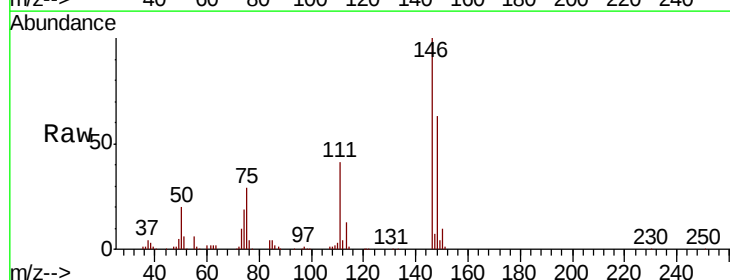
Tgt Ion: 146 Resp: 176461

Ion Ratio Lower Upper

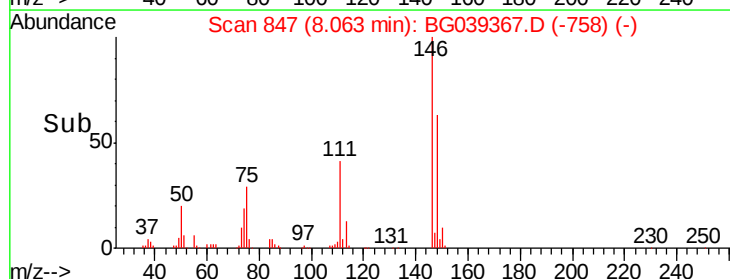
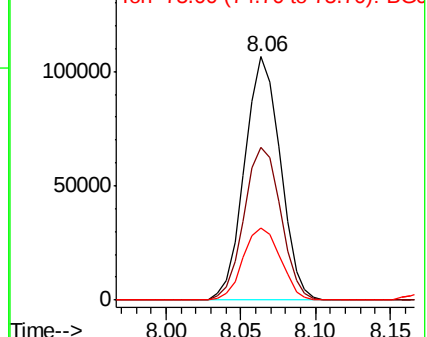
146 100

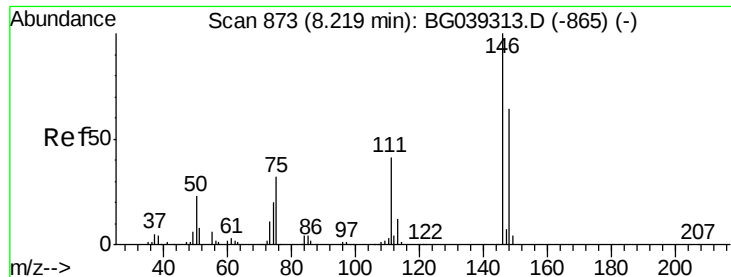
148 62.8 52.6 79.0

75 29.4 25.8 38.6



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

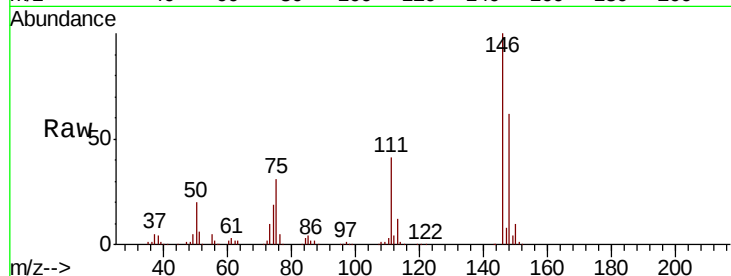




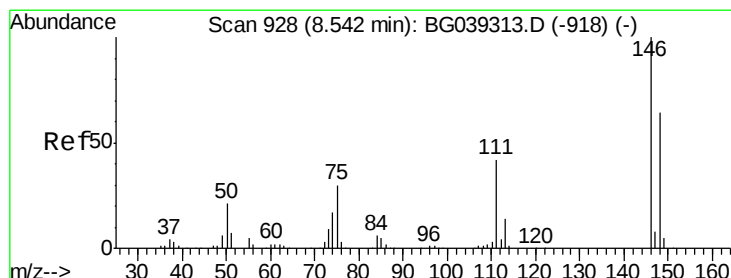
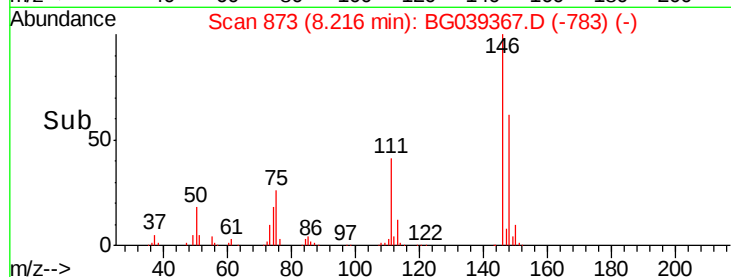
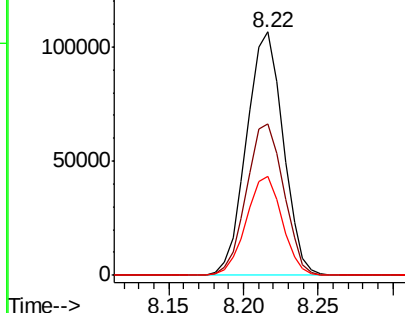
#13  
 1,4-Dichlorobenzene  
 Concen: 40.723 ng  
 RT: 8.22 min Scan# 873  
 Delta R.T. -0.00 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:146 Resp: 180740  
 Ion Ratio Lower Upper  
 146 100  
 148 62.3 51.1 76.7  
 111 40.7 32.6 48.8

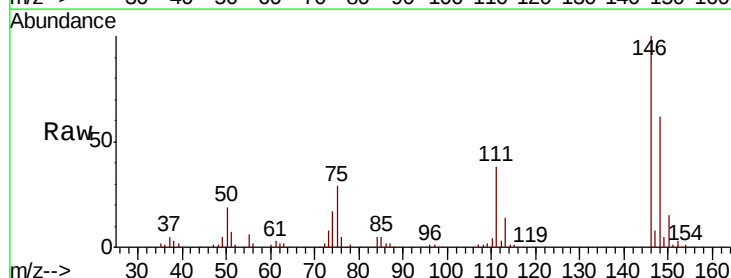


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

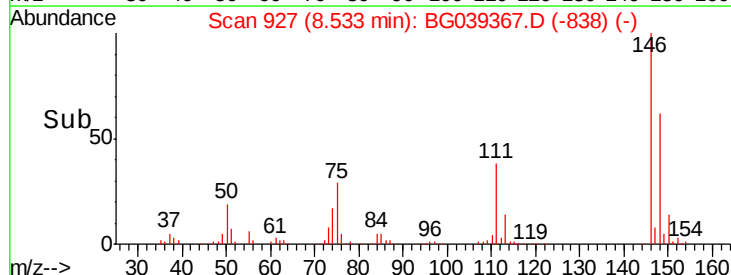
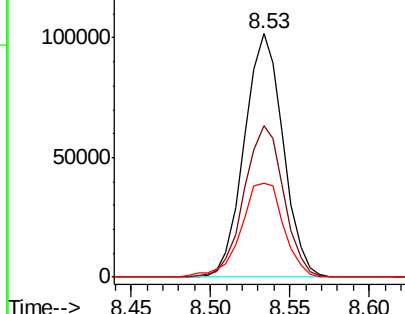


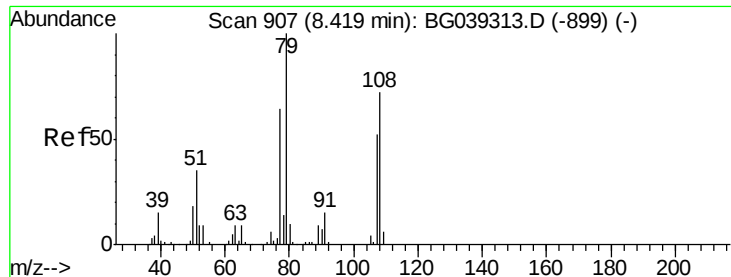
#14  
 1,2-Dichlorobenzene  
 Concen: 40.083 ng  
 RT: 8.53 min Scan# 927  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

Tgt Ion:146 Resp: 172220  
 Ion Ratio Lower Upper  
 146 100  
 148 62.3 51.5 77.3  
 111 38.4 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 38.946 ng

RT: 8.42 min Scan# 907

Delta R.T. -0.00 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

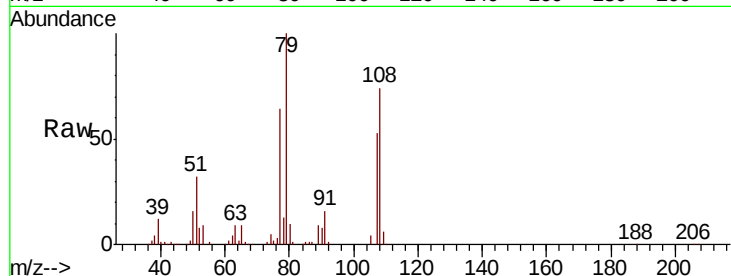
Tgt Ion: 79 Resp: 151344

Ion Ratio Lower Upper

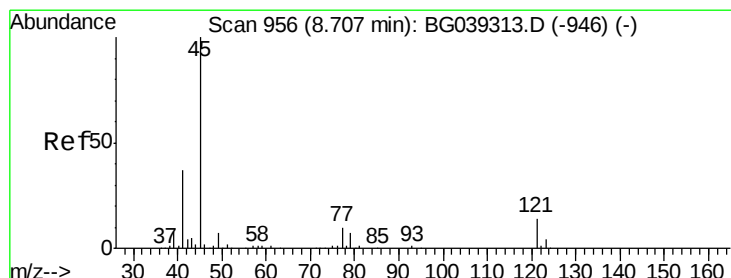
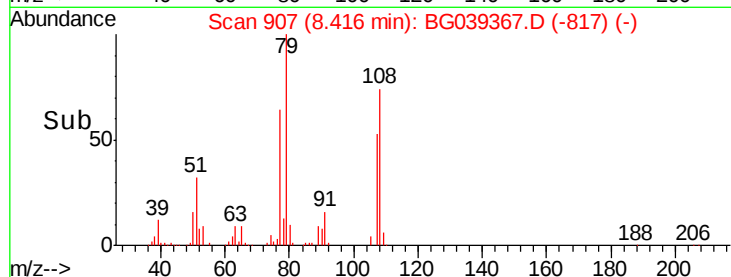
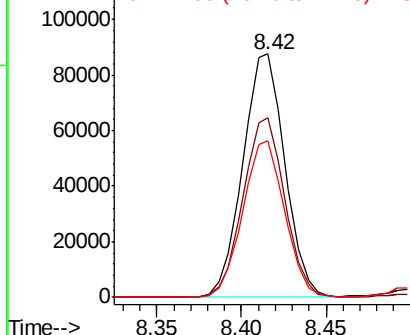
79 100

108 73.6 57.8 86.6

77 64.1 51.1 76.7



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.614 ng

RT: 8.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

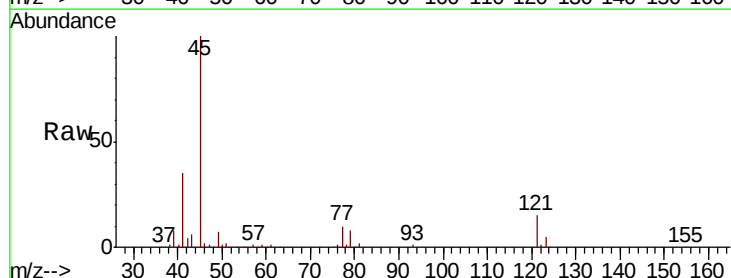
Tgt Ion: 45 Resp: 327909

Ion Ratio Lower Upper

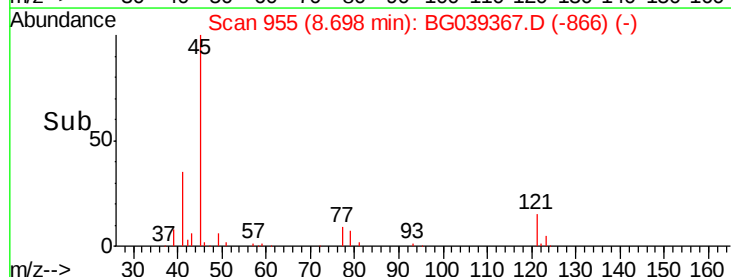
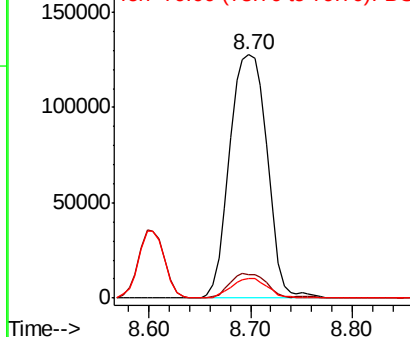
45 100

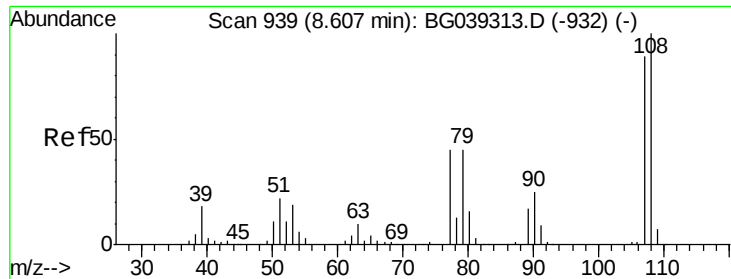
77 9.7 0.0 30.0

79 8.0 0.0 27.5



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

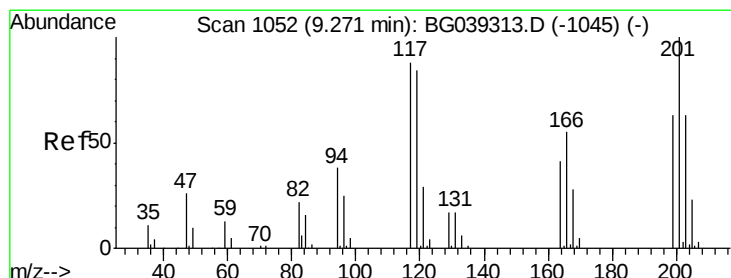
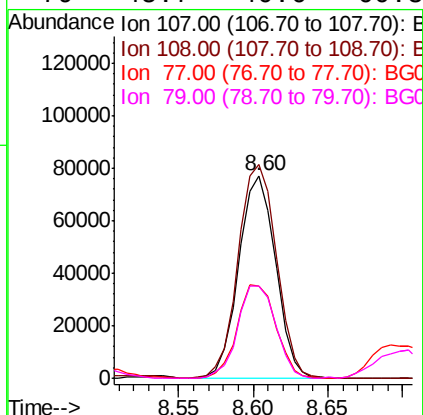
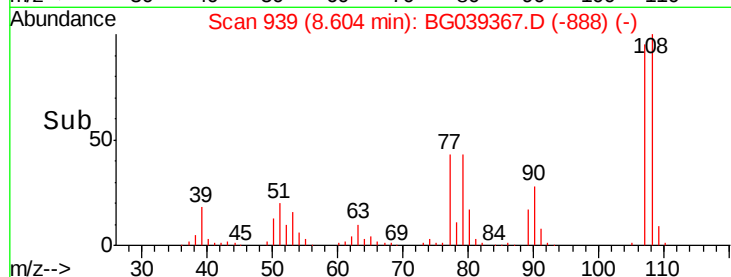
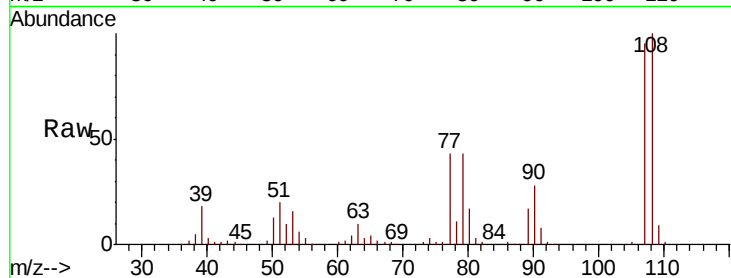




#17  
2-Methylphenol  
Concen: 39.691 ng  
RT: 8.60 min Scan# 939  
Delta R.T. -0.00 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

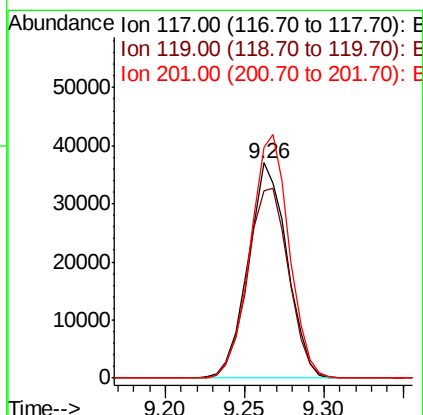
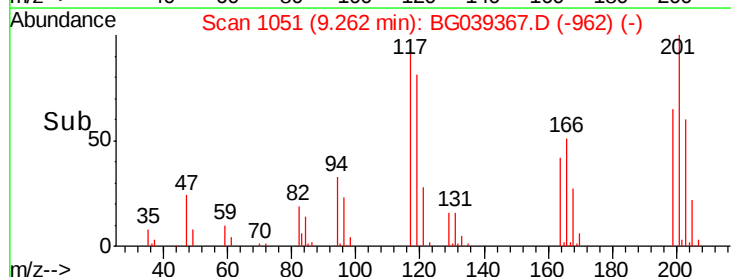
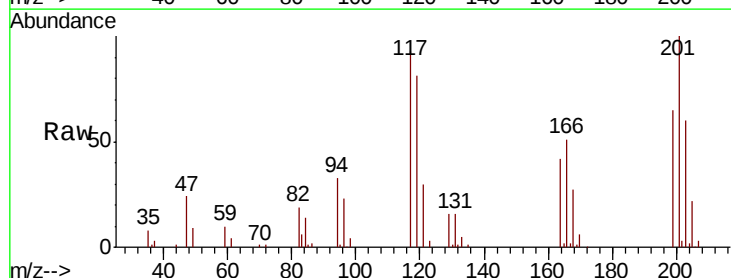
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

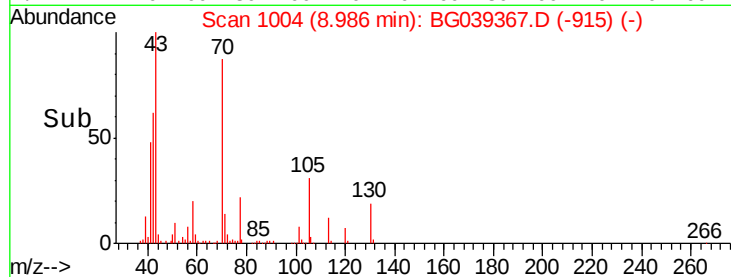
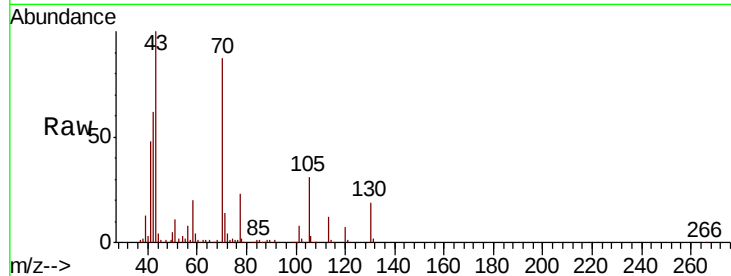
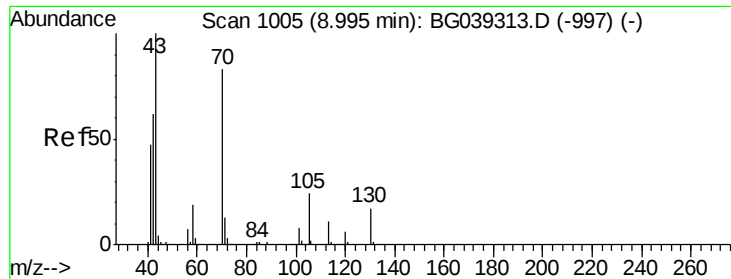
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 132529 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 105.4 | 90.8  | 136.2  |
| 77       | 45.4  | 40.7  | 61.1   |
| 79       | 45.7  | 40.6  | 60.8   |



#18  
Hexachloroethane  
Concen: 41.382 ng  
RT: 9.26 min Scan# 1051  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 63188 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 86.9  | 76.3  | 114.5 |
| 201      | 107.6 | 91.1  | 136.7 |

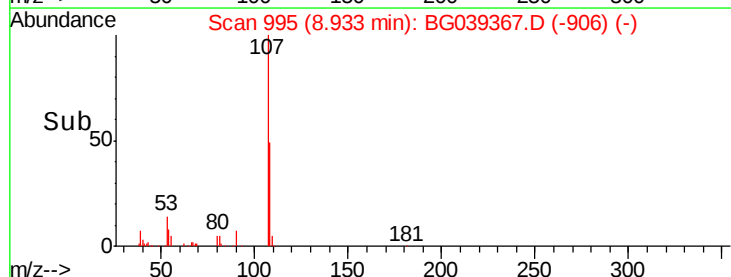
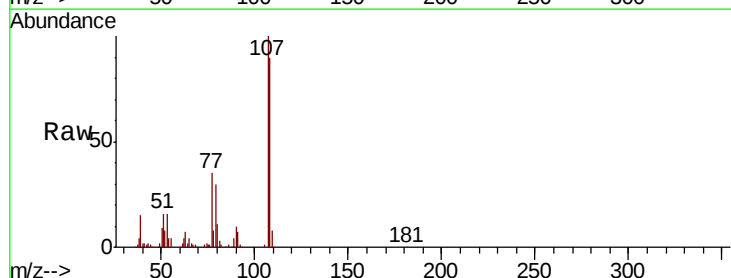
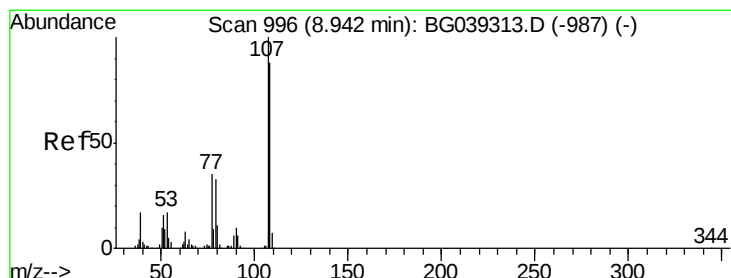
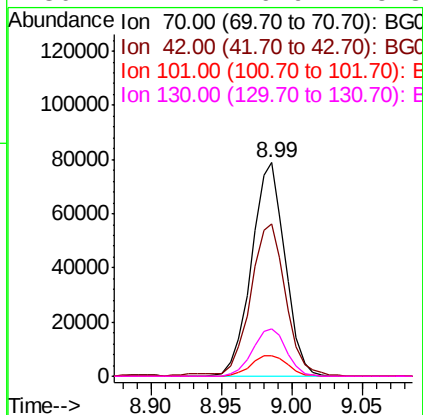




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.344 ng  
RT: 8.99 min Scan# 1004  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

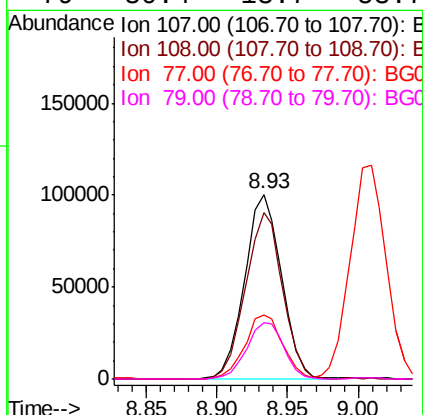
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

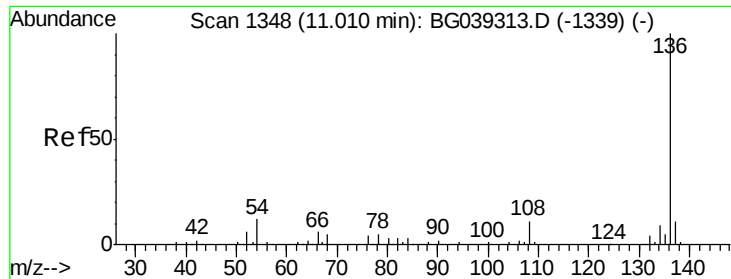
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 131197 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 71.2  | 60.4  | 90.6   |
| 101      | 9.4   | 7.5   | 11.3   |
| 130      | 22.2  | 16.9  | 25.3   |



#20  
3+4-Methylphenols  
Concen: 39.948 ng  
RT: 8.93 min Scan# 995  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 183683 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 90.0  | 67.9  | 107.9  |
| 77       | 34.9  | 15.4  | 55.4   |
| 79       | 30.4  | 13.7  | 53.7   |

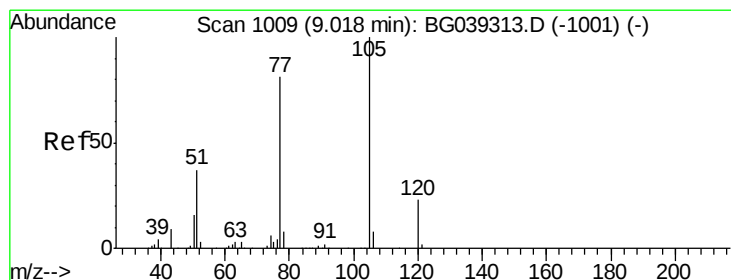
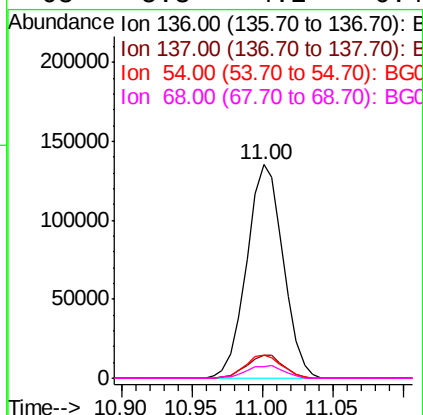
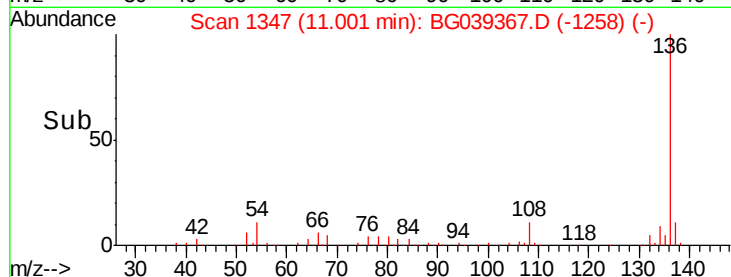
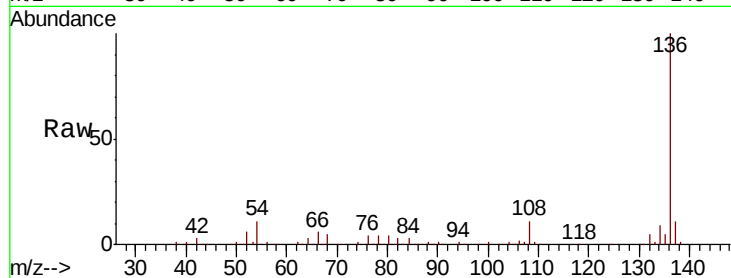




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.00 min Scan# 1347  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

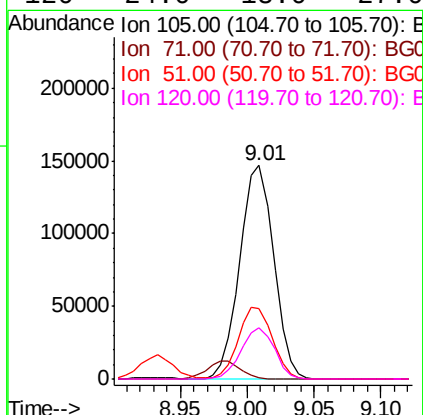
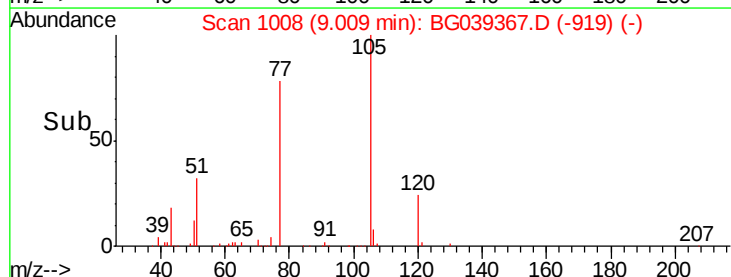
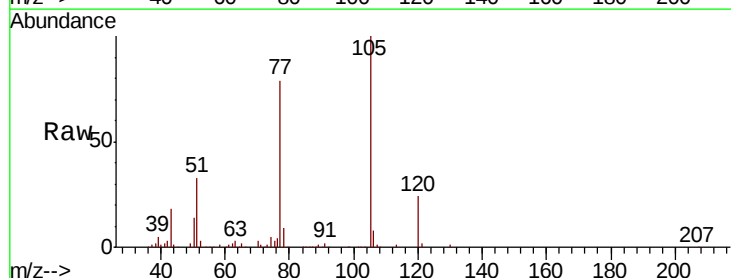
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

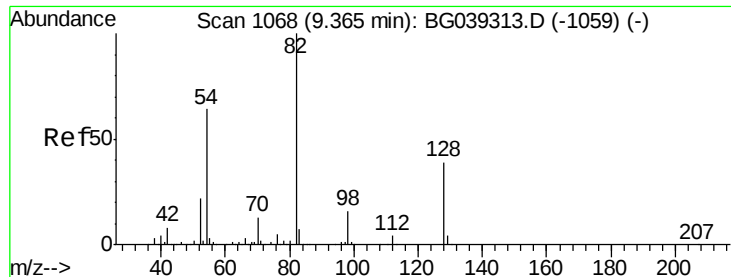
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 244221 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 9.1   | 13.7   |
| 54       | 10.6  | 9.4   | 14.2   |
| 68       | 5.3   | 4.2   | 6.4    |



#22  
Acetophenone  
Concen: 39.553 ng  
RT: 9.01 min Scan# 1008  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 259474 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.6   | 0.8   | 1.2#   |
| 51       | 32.8  | 30.2  | 45.2   |
| 120      | 24.0  | 18.0  | 27.0   |

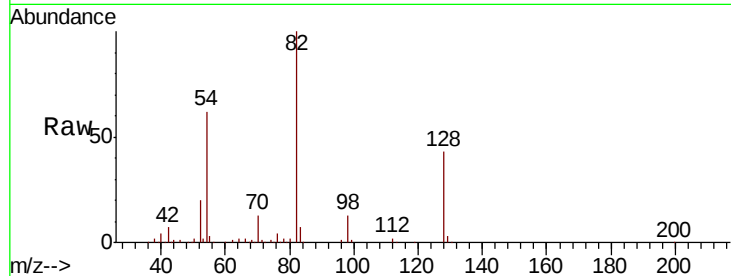




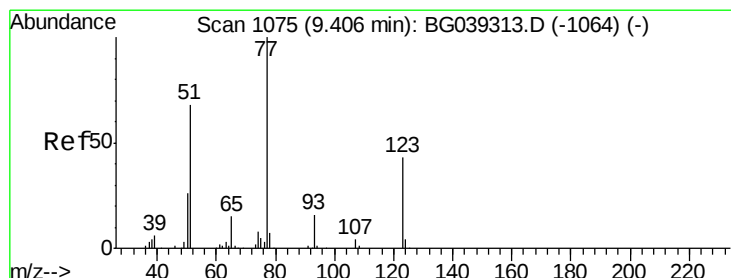
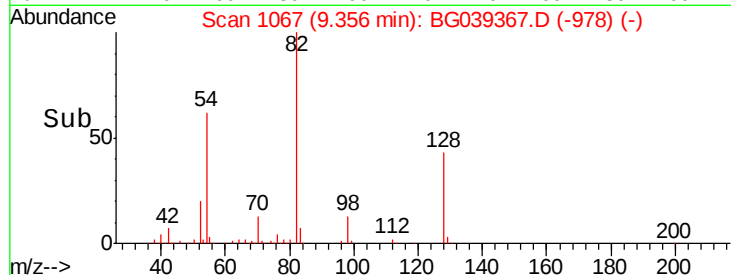
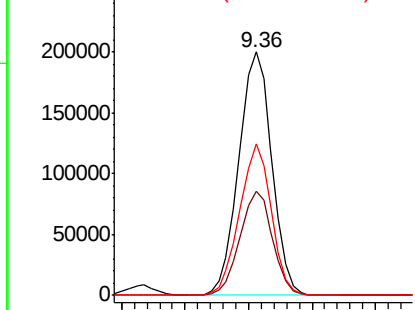
#23  
 Nitrobenzene-d5  
 Concen: 92.439 ng  
 RT: 9.36 min Scan# 1067  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.7  | 31.3  | 46.9  |
| 54      | 62.3  | 50.9  | 76.3  |

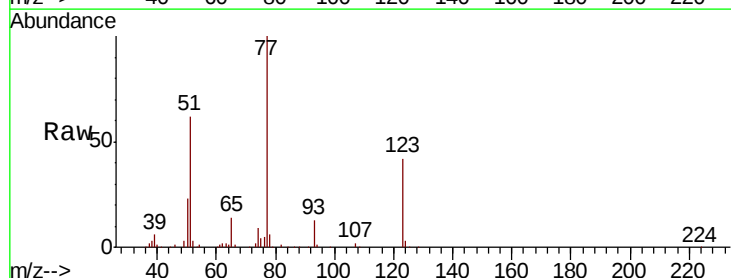


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

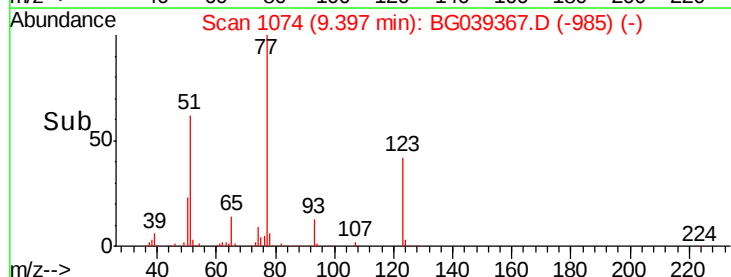
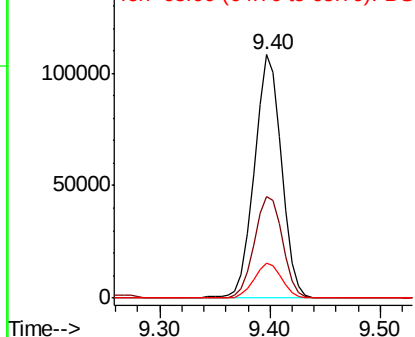


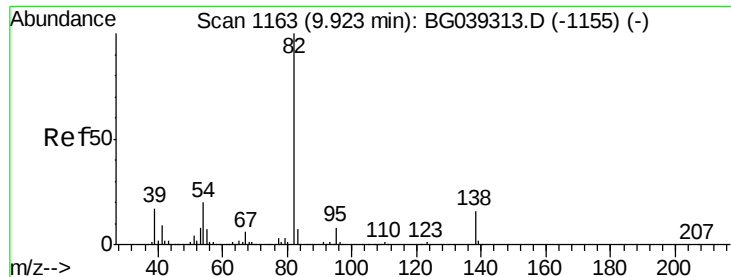
#24  
 Nitrobenzene  
 Concen: 44.134 ng  
 RT: 9.40 min Scan# 1074  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 41.9  | 34.1  | 51.1  |
| 65      | 14.3  | 12.3  | 18.5  |



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

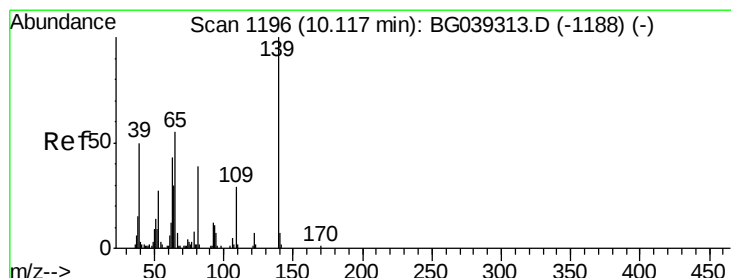
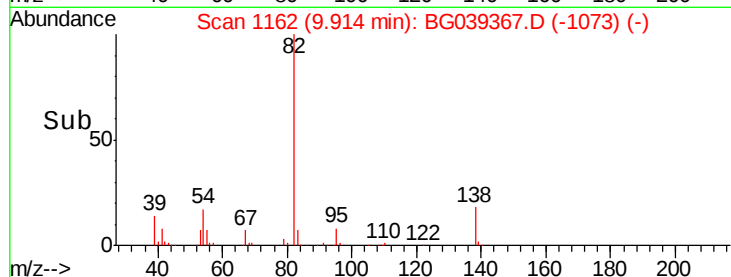
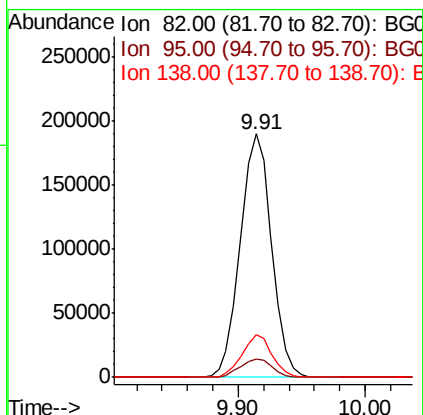
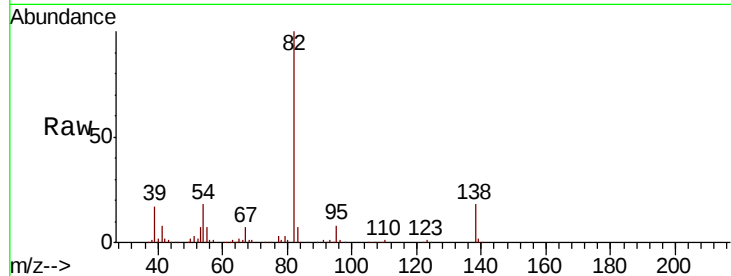




#25  
Isophorone  
Concen: 37.392 ng  
RT: 9.91 min Scan# 1162  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

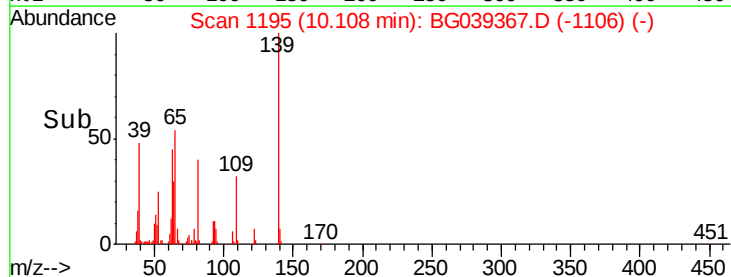
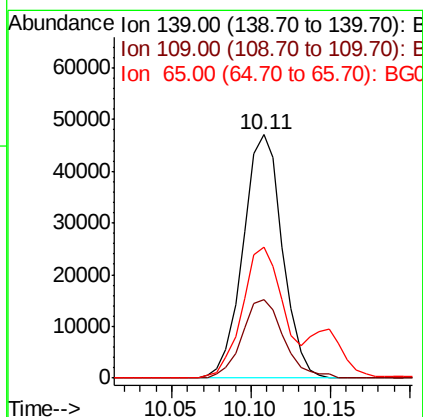
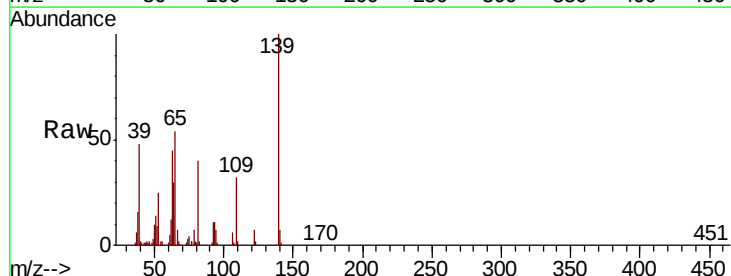
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

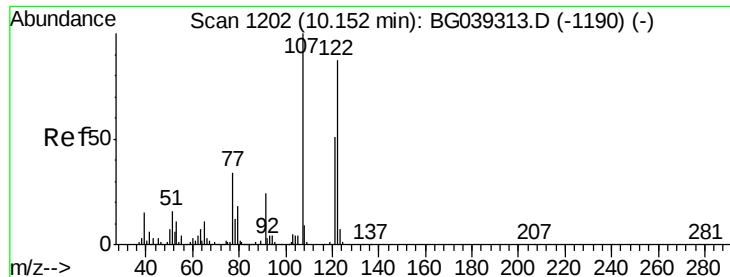
Tgt Ion: 82 Resp: 323925  
Ion Ratio Lower Upper  
82 100  
95 7.6 6.2 9.2  
138 17.5 13.0 19.4



#26  
2-Nitrophenol  
Concen: 48.717 ng  
RT: 10.11 min Scan# 1195  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

Tgt Ion: 139 Resp: 80873  
Ion Ratio Lower Upper  
139 100  
109 32.2 23.4 35.0  
65 54.0 44.3 66.5

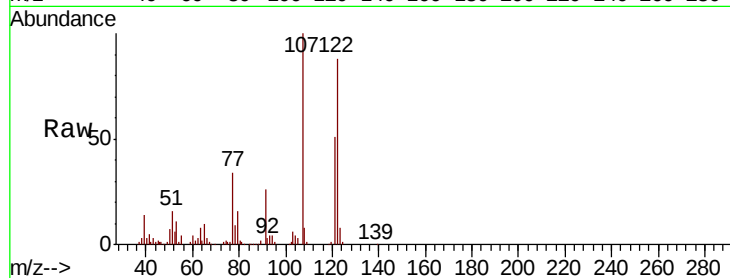




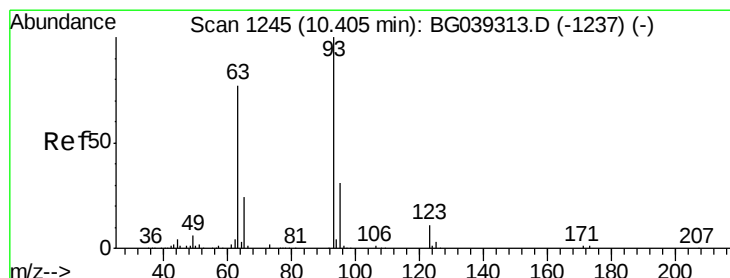
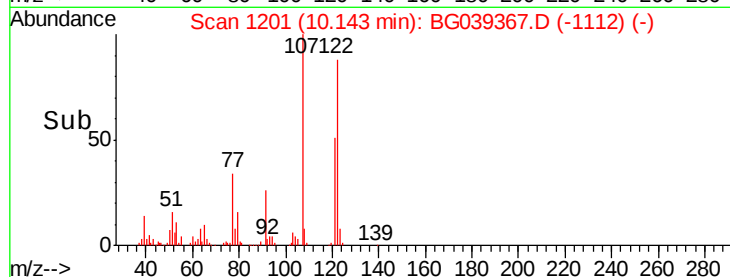
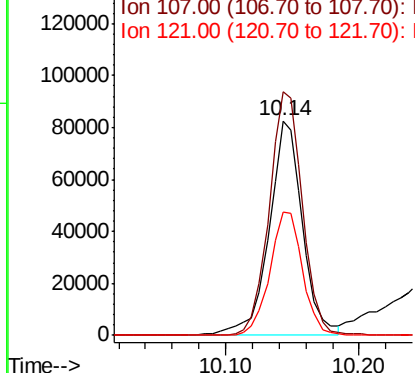
#27  
2,4-Dimethylphenol  
Concen: 40.926 ng  
RT: 10.14 min Scan# 1201  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 122 Resp: 143420  
Ion Ratio Lower Upper  
122 100  
107 113.5 91.7 137.5  
121 57.4 46.4 69.6

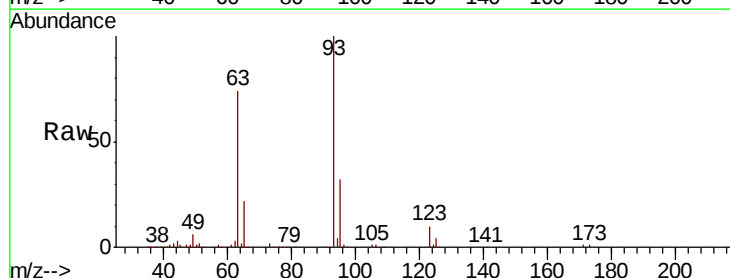


Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 107.00 (106.70 to 107.70): E  
Ion 121.00 (120.70 to 121.70): E

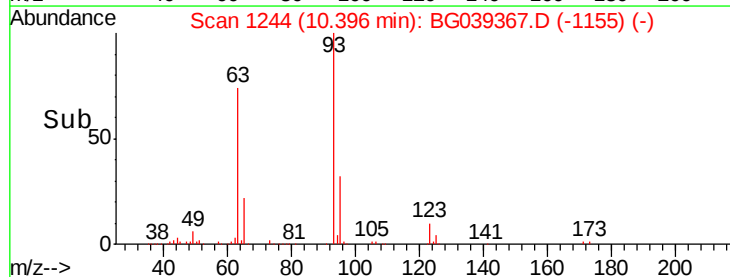
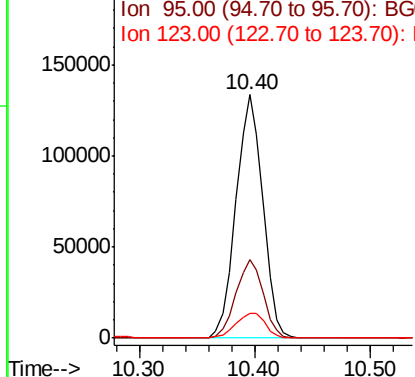


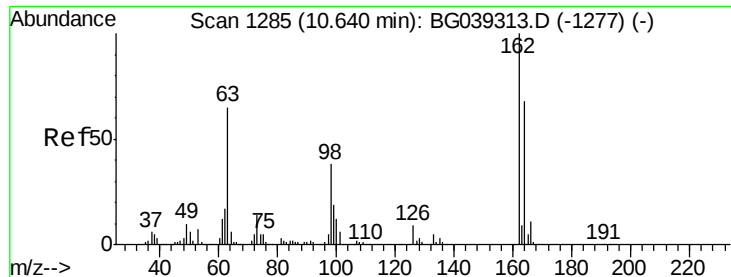
#28  
bis(2-Chloroethoxy)methane  
Concen: 40.160 ng  
RT: 10.40 min Scan# 1244  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

Tgt Ion: 93 Resp: 214293  
Ion Ratio Lower Upper  
93 100  
95 32.3 25.0 37.4  
123 10.0 8.6 12.8



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

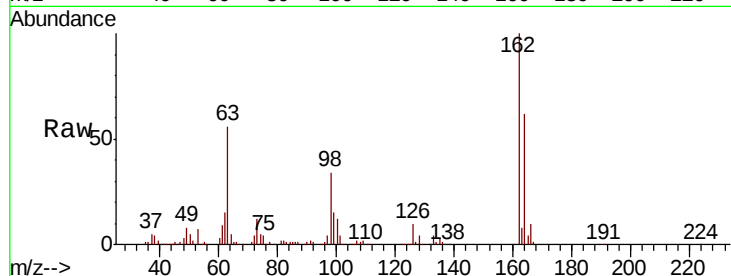




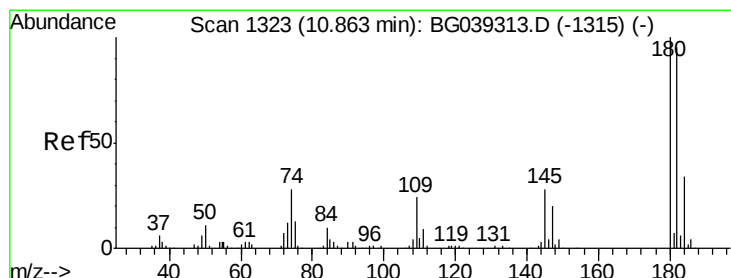
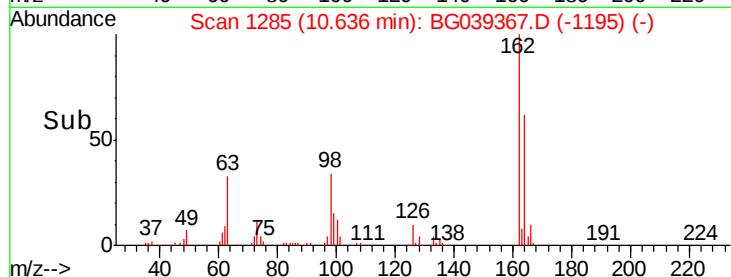
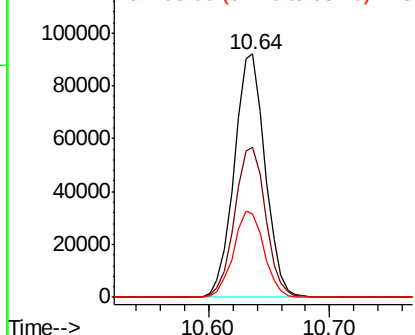
#29  
2,4-Dichlorophenol  
Concen: 42.832 ng  
RT: 10.64 min Scan# 1285  
Delta R.T. -0.00 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:162 Resp: 164049  
Ion Ratio Lower Upper  
162 100  
164 61.9 48.1 88.1  
98 34.4 18.1 58.1

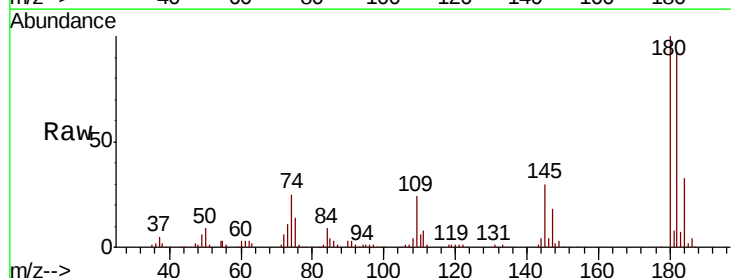


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): B

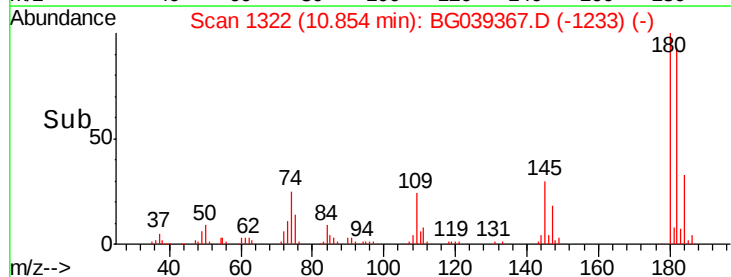
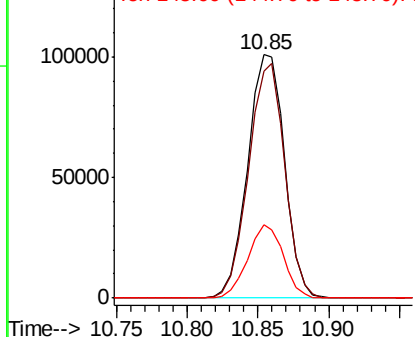


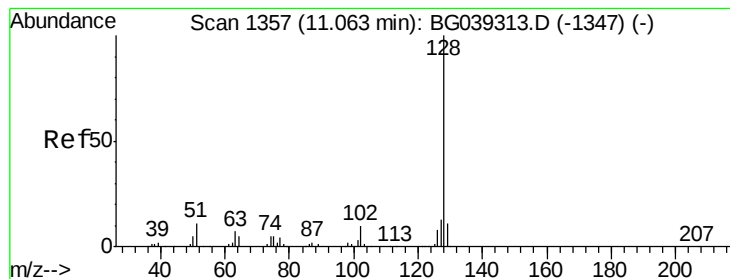
#30  
1,2,4-Trichlorobenzene  
Concen: 42.647 ng  
RT: 10.85 min Scan# 1322  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

Tgt Ion:180 Resp: 183383  
Ion Ratio Lower Upper  
180 100  
182 93.2 76.0 114.0  
145 30.4 22.7 34.1



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.696 ng

RT: 11.05 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

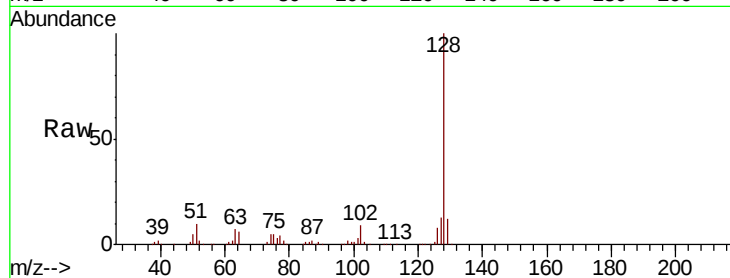
Tgt Ion:128 Resp: 480939

Ion Ratio Lower Upper

128 100

129 11.6 8.7 13.1

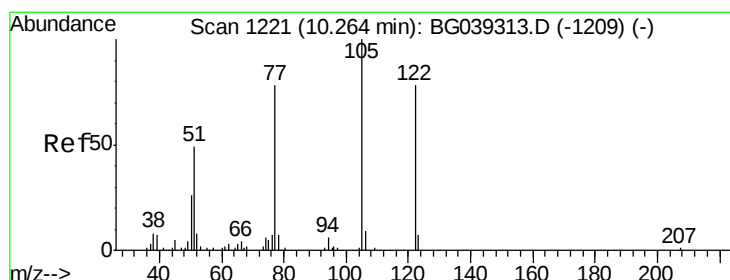
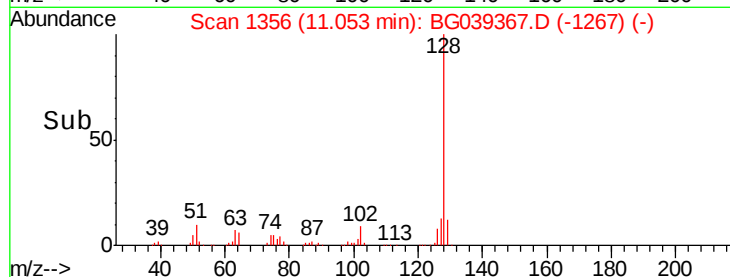
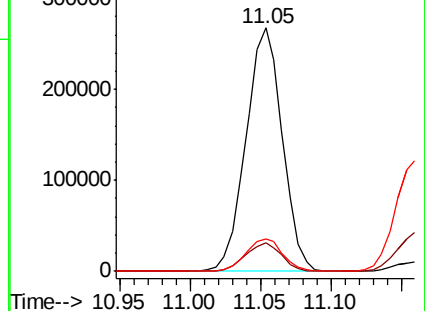
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.259 ng

RT: 10.25 min Scan# 1220

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

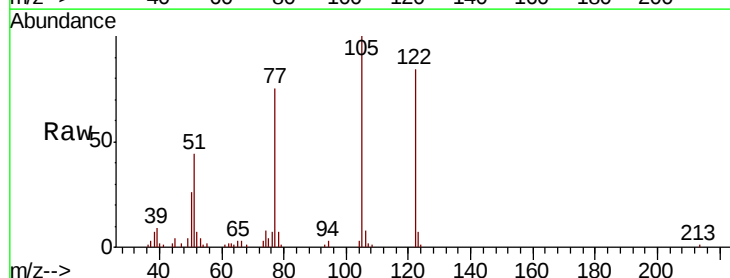
Tgt Ion:122 Resp: 88274

Ion Ratio Lower Upper

122 100

105 118.4 101.8 141.8

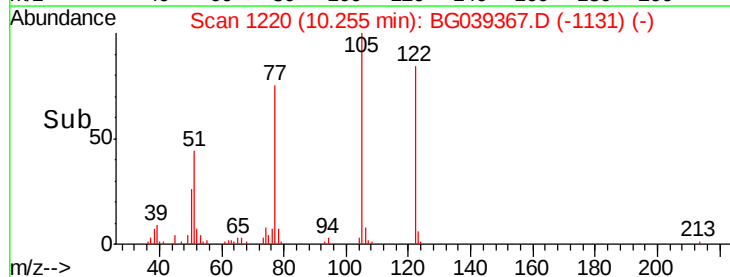
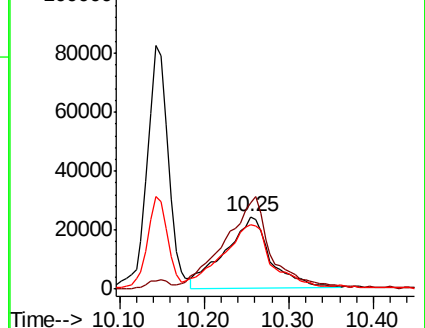
77 88.3 76.3 116.3

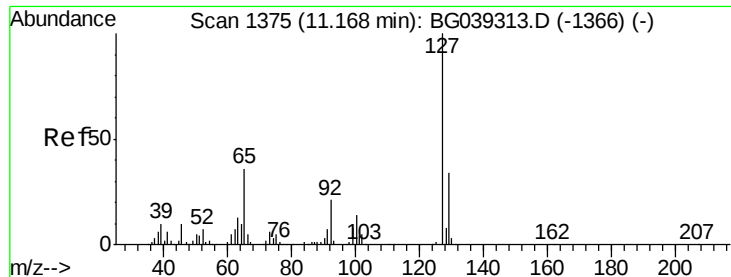


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

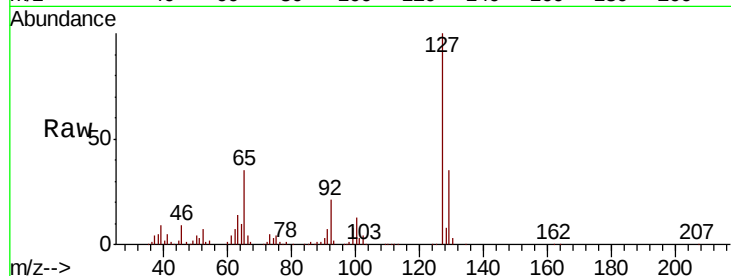




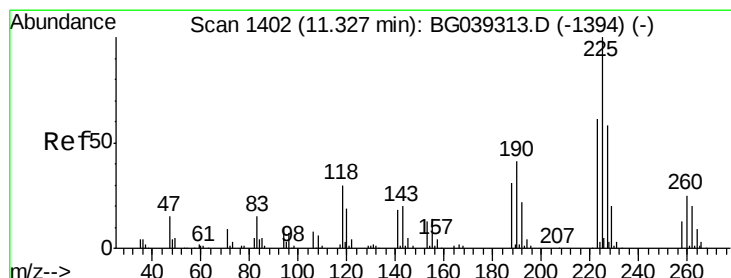
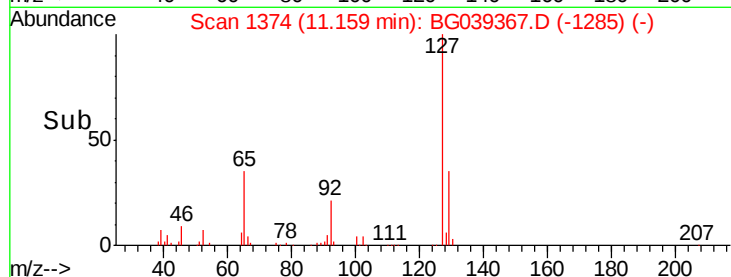
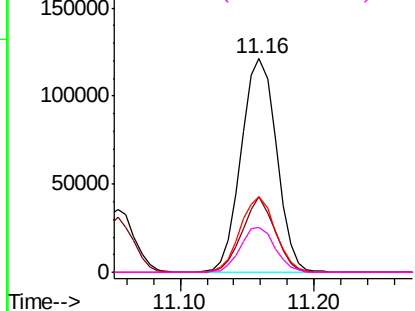
#33  
4-Chloroaniline  
Concen: 39.652 ng  
RT: 11.16 min Scan# 1374  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 222753 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 35.2  | 27.0  | 40.4   |
| 65       | 35.3  | 28.8  | 43.2   |
| 92       | 20.9  | 16.6  | 25.0   |

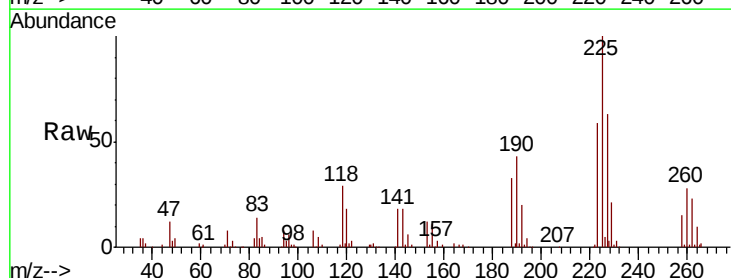


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGO  
Ion 92.00 (91.70 to 92.70): BGO

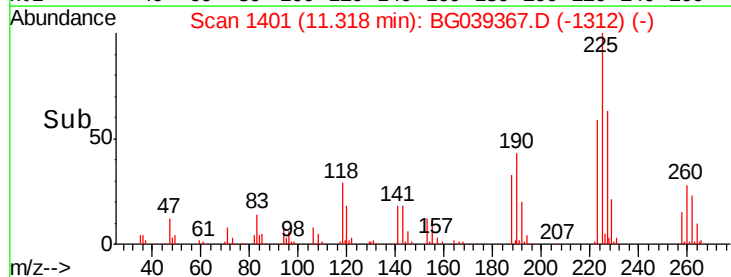
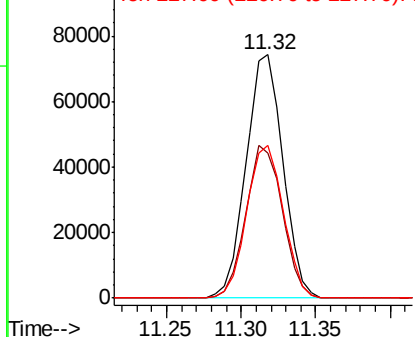


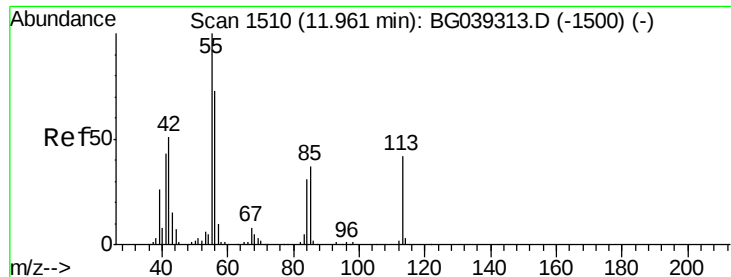
#34  
Hexachlorobutadiene  
Concen: 44.274 ng  
RT: 11.32 min Scan# 1401  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 126607 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 59.5  | 49.0  | 73.6   |
| 227      | 62.9  | 46.3  | 69.5   |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

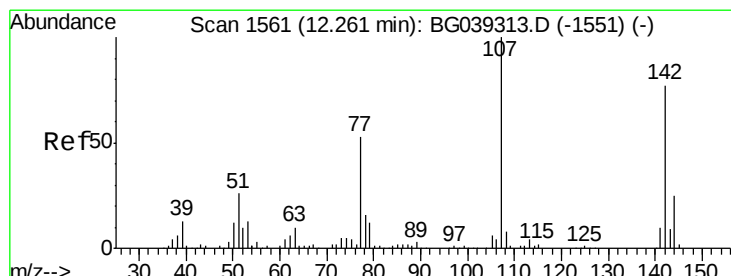
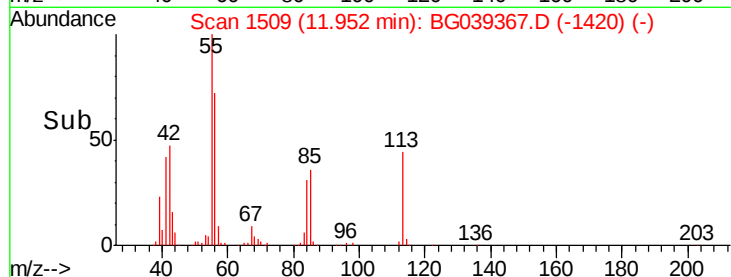
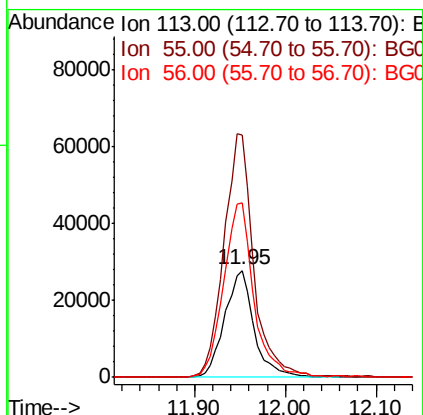
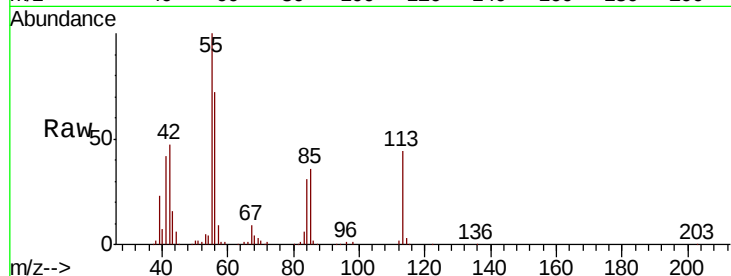




#35  
 Caprolactam  
 Concen: 39.646 ng  
 RT: 11.95 min Scan# 1509  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

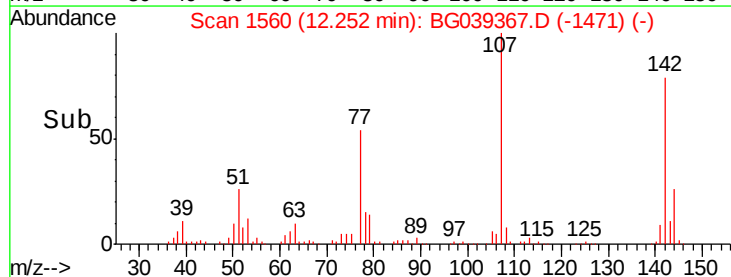
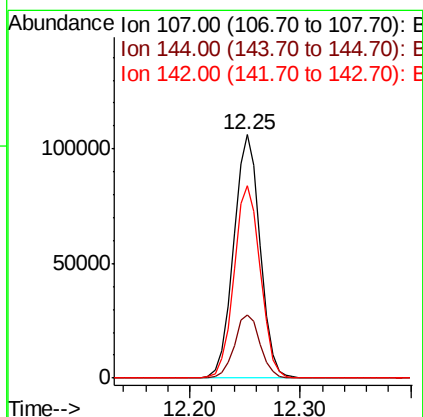
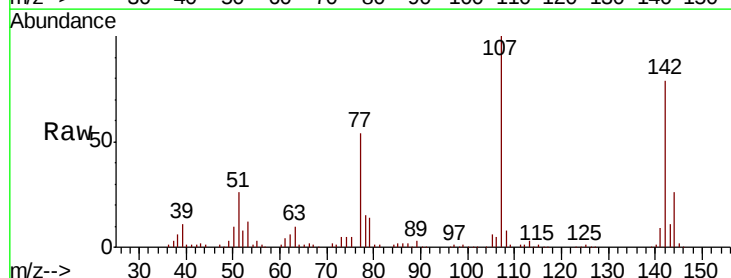
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

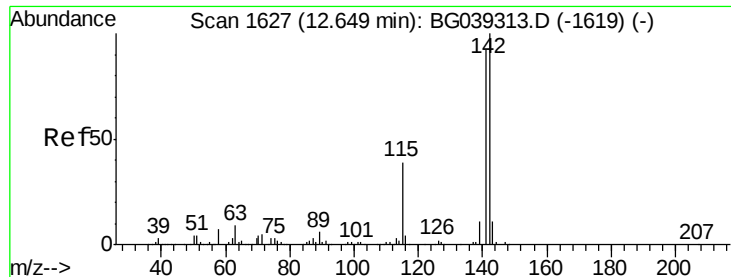
Tgt Ion:113 Resp: 62836  
 Ion Ratio Lower Upper  
 113 100  
 55 226.3 216.9 256.9  
 56 162.8 152.6 192.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 40.190 ng  
 RT: 12.25 min Scan# 1560  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

Tgt Ion:107 Resp: 178021  
 Ion Ratio Lower Upper  
 107 100  
 144 26.2 20.2 30.2  
 142 79.1 61.4 92.2

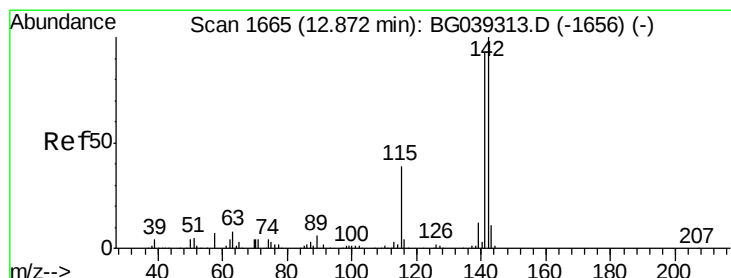
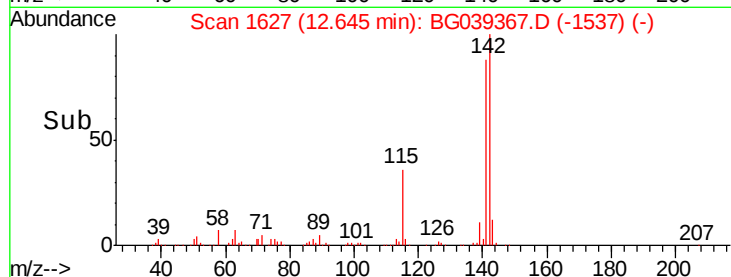
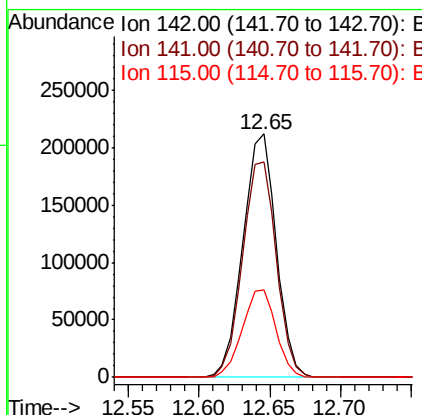
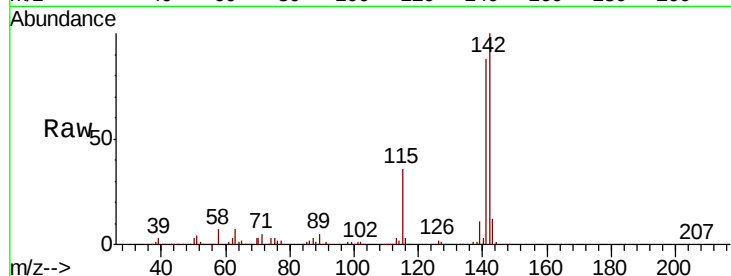




#37  
 2-Methylnaphthalene  
 Concen: 39.056 ng  
 RT: 12.65 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

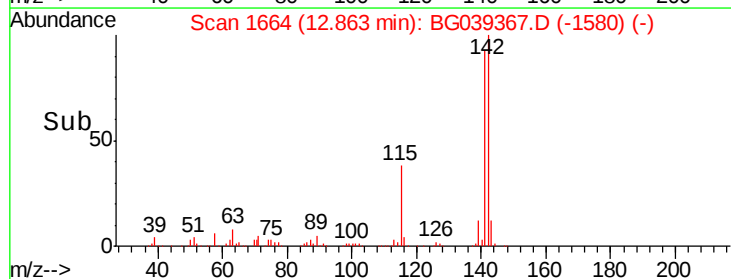
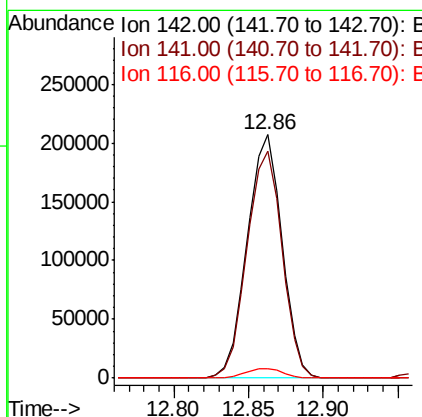
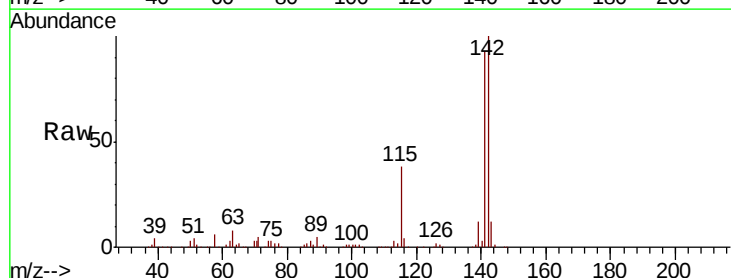
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

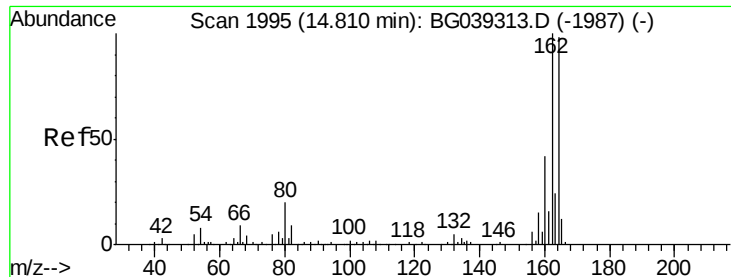
Tgt Ion:142 Resp: 350468  
 Ion Ratio Lower Upper  
 142 100  
 141 88.4 73.5 110.3  
 115 36.0 30.8 46.2



#38  
 1-Methylnaphthalene  
 Concen: 38.578 ng  
 RT: 12.86 min Scan# 1664  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

Tgt Ion:142 Resp: 333697  
 Ion Ratio Lower Upper  
 142 100  
 141 93.0 74.2 111.4  
 116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

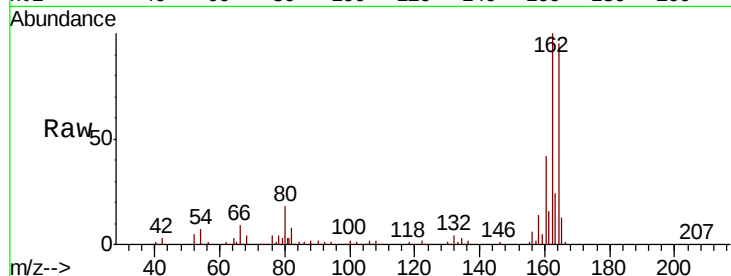
Tgt Ion:164 Resp: 160818

Ion Ratio Lower Upper

164 100

162 105.0 81.6 122.4

160 43.7 34.2 51.2

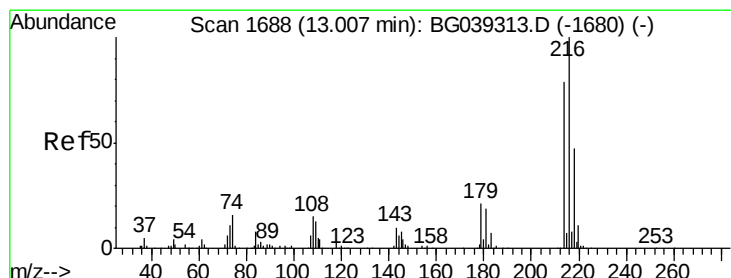
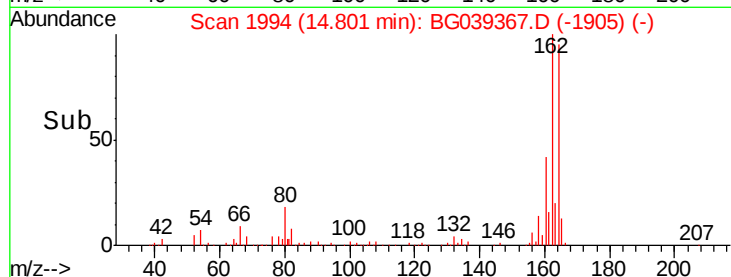
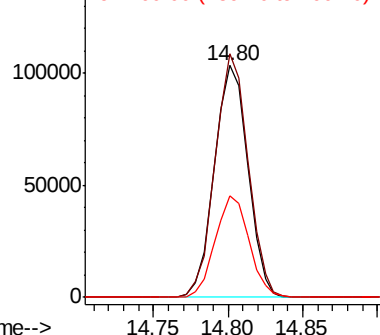


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.462 ng

RT: 13.00 min Scan# 1687

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Tgt Ion:216 Resp: 212149

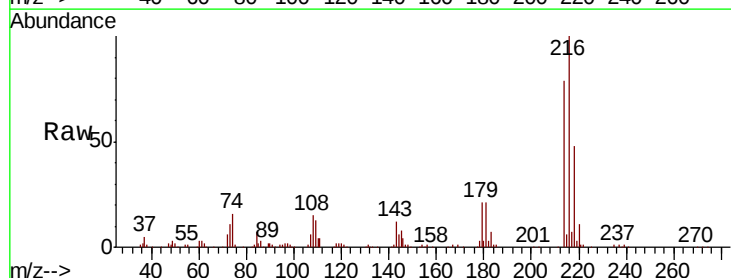
Ion Ratio Lower Upper

216 100

214 78.9 62.6 94.0

179 20.8 16.6 25.0

108 17.1 14.0 21.0



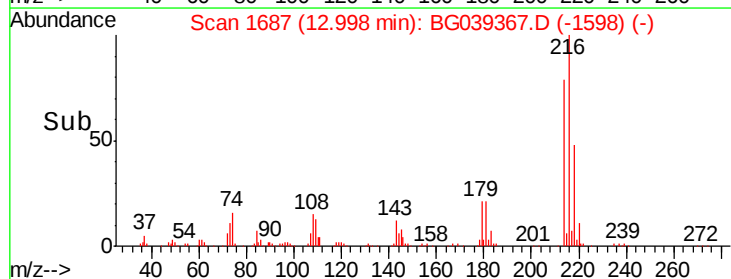
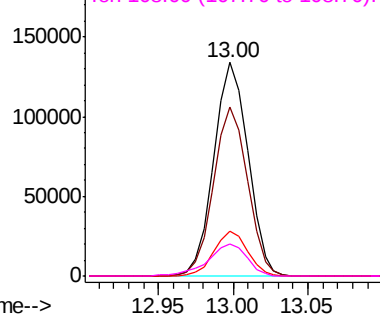
Abundance

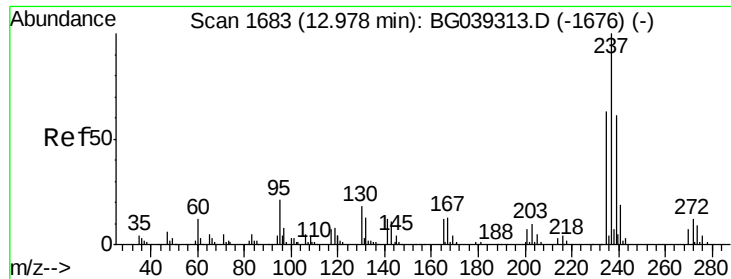
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 39.876 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

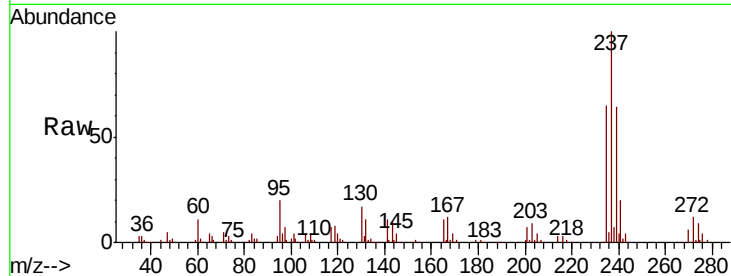
Tgt Ion:237 Resp: 111181

Ion Ratio Lower Upper

237 100

235 65.4 43.3 83.3

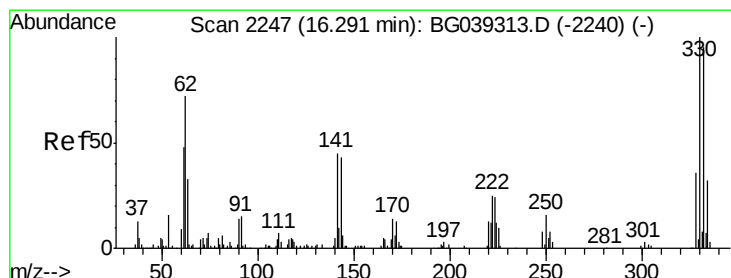
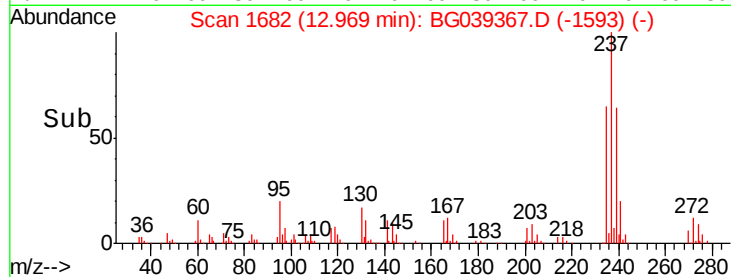
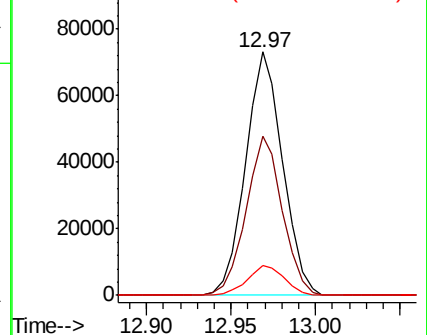
272 12.1 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 87.240 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

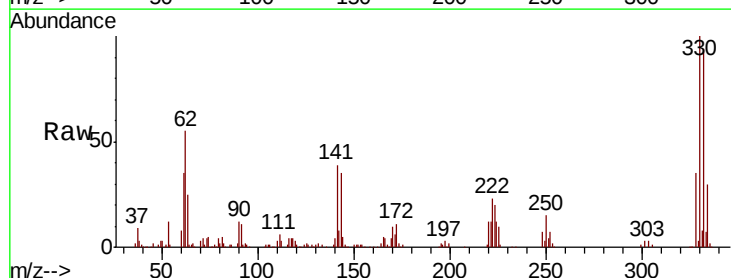
Tgt Ion:330 Resp: 151076

Ion Ratio Lower Upper

330 100

332 94.8 75.7 113.5

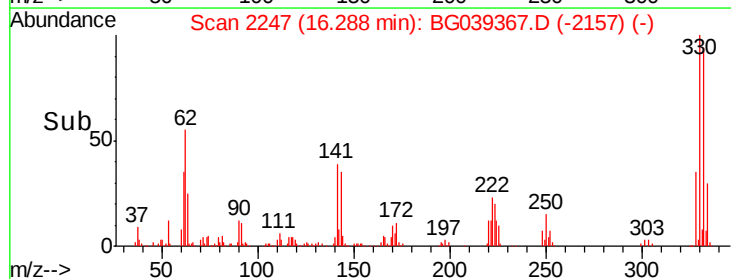
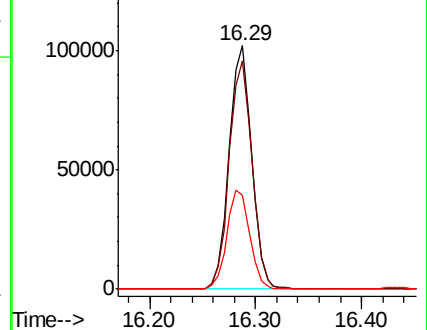
141 41.4 35.6 53.4

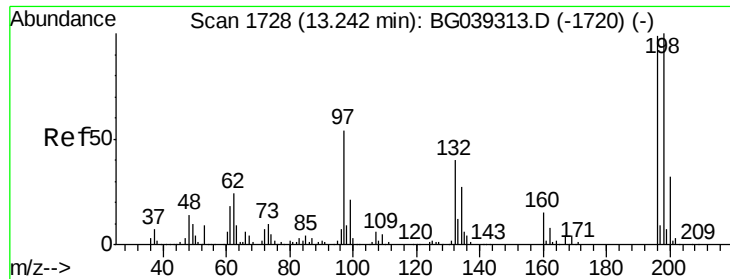


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

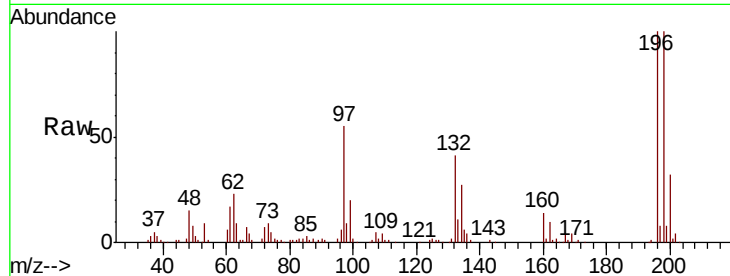




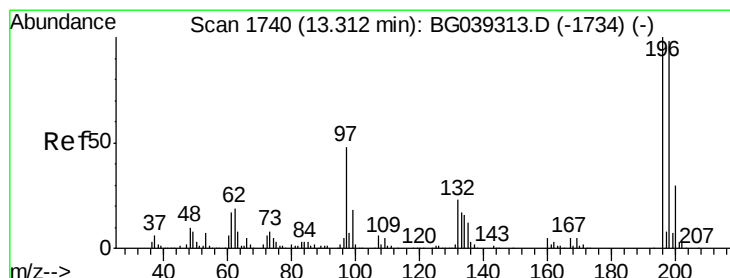
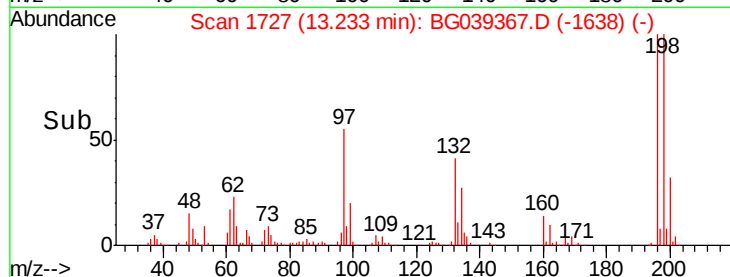
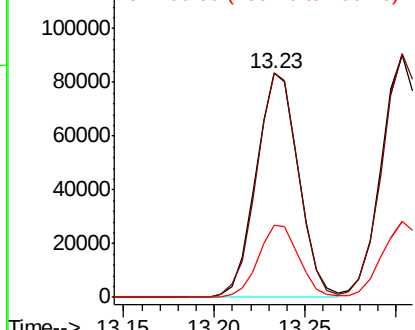
#43  
 2,4,6-Trichlorophenol  
 Concen: 43.369 ng  
 RT: 13.23 min Scan# 1727  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:196 Resp: 136440  
 Ion Ratio Lower Upper  
 196 100  
 198 100.1 80.6 121.0  
 200 32.2 26.1 39.1

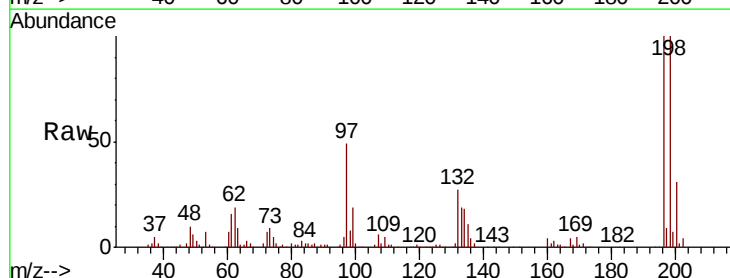


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

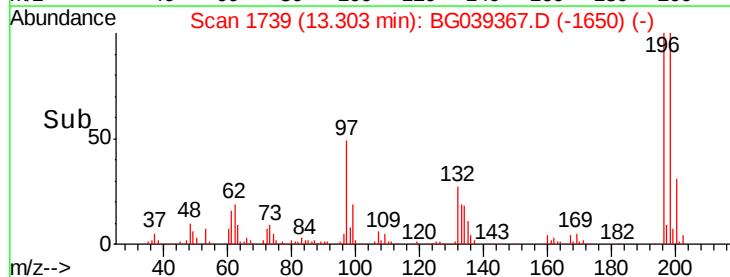
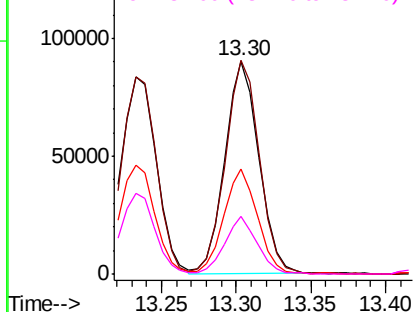


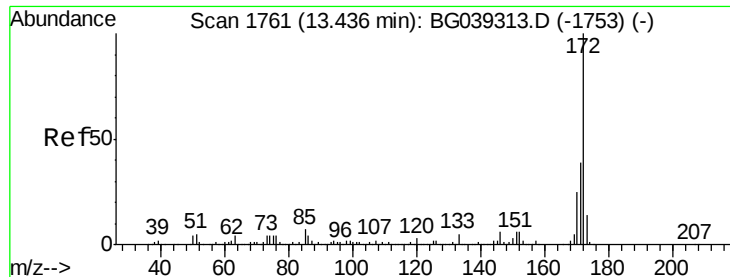
#44  
 2,4,5-Trichlorophenol  
 Concen: 43.568 ng  
 RT: 13.30 min Scan# 1739  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

Tgt Ion:196 Resp: 143657  
 Ion Ratio Lower Upper  
 196 100  
 198 100.5 78.5 117.7  
 97 49.3 38.4 57.6  
 132 26.8 19.2 28.8



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

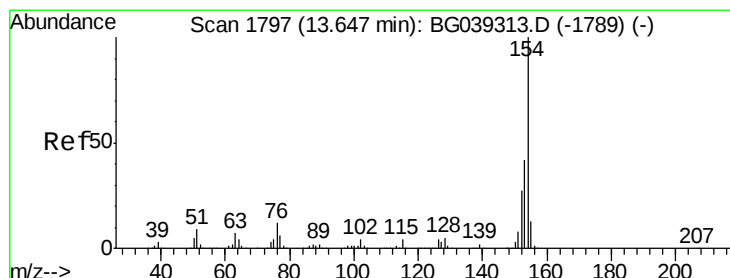
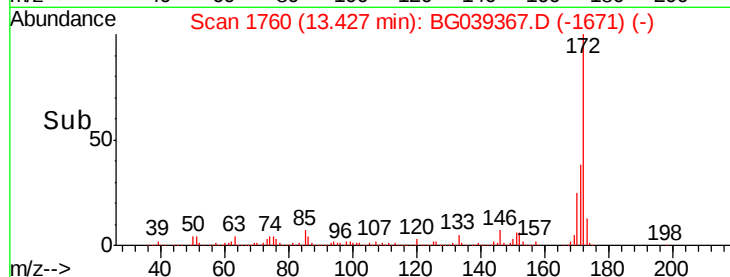
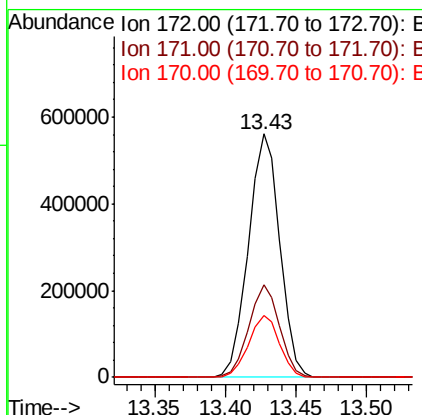
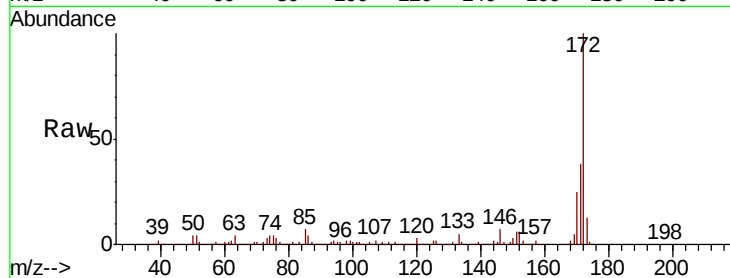




#45  
 2-Fluorobiphenyl  
 Concen: 77.976 ng  
 RT: 13.43 min Scan# 1760  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

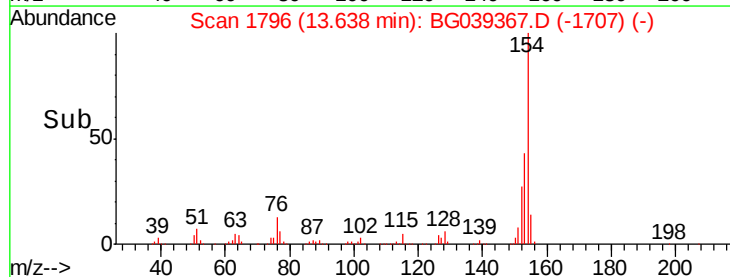
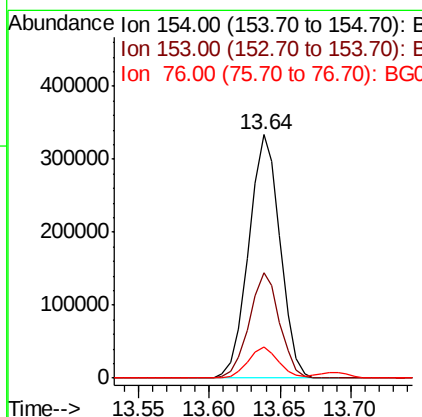
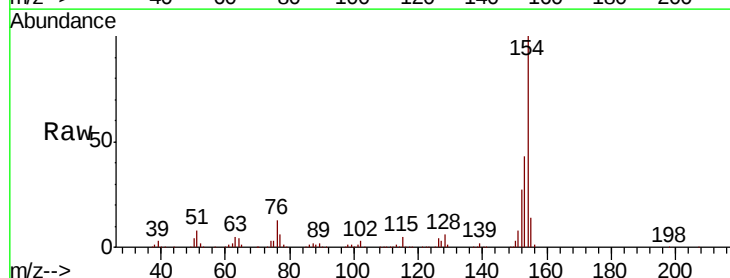
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

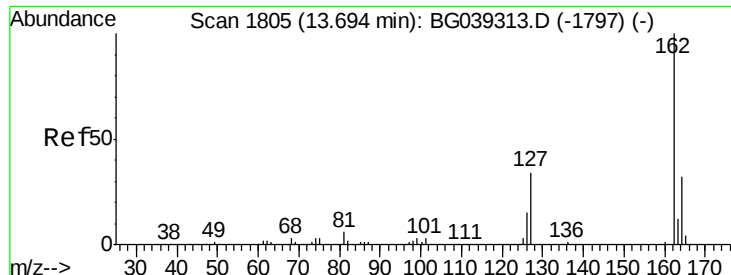
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.3  | 30.8  | 46.2  |
| 170     | 25.2  | 20.2  | 30.4  |



#46  
 1,1'-Biphenyl  
 Concen: 38.853 ng  
 RT: 13.64 min Scan# 1796  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.1  | 22.1  | 62.1  |
| 76      | 13.0  | 0.0   | 32.4  |

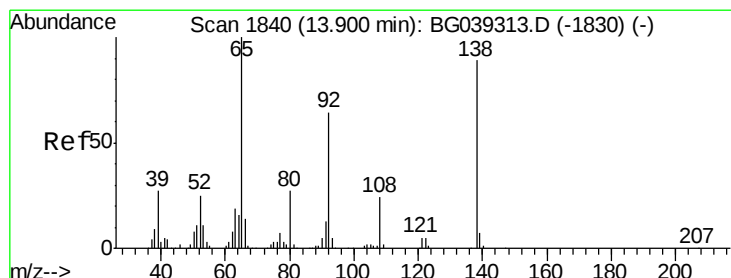
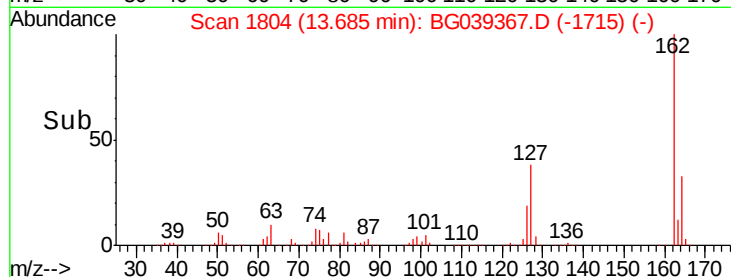
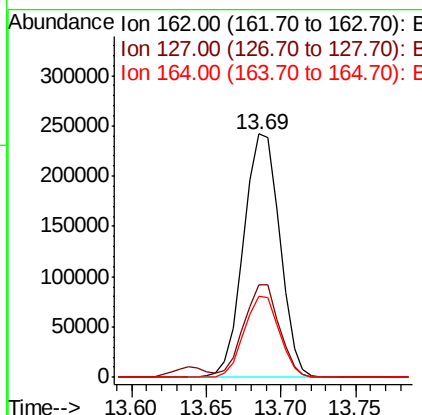
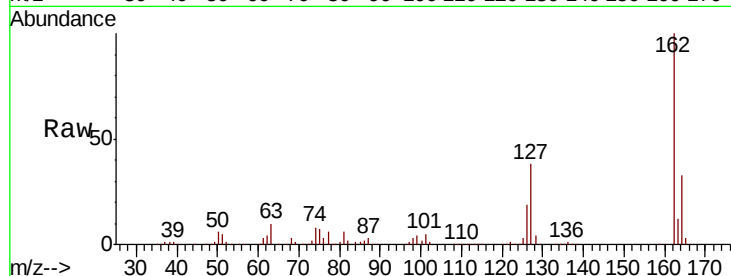




#47  
 2-Chloronaphthalene  
 Concen: 40.332 ng  
 RT: 13.69 min Scan# 1804  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

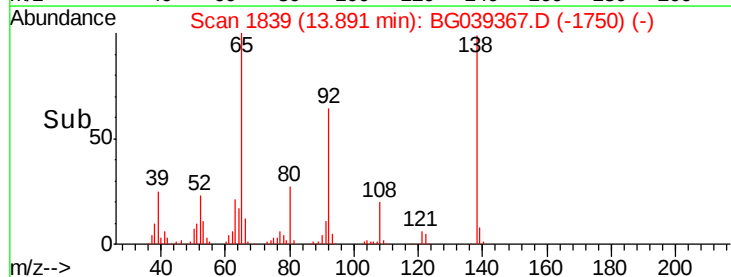
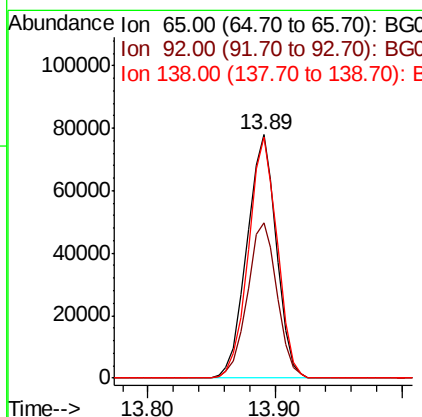
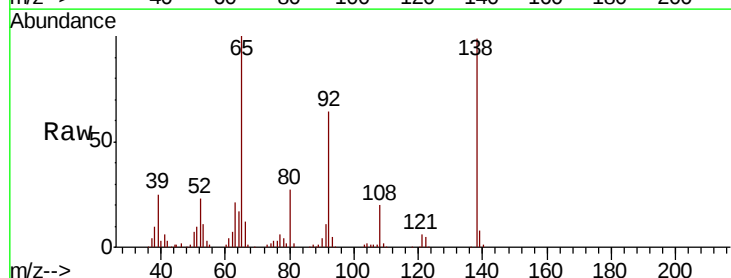
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

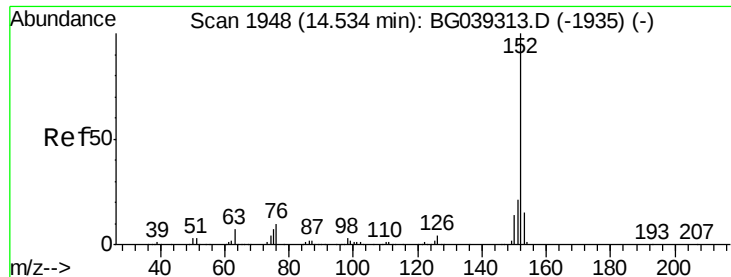
Tgt Ion: 162 Resp: 405980  
 Ion Ratio Lower Upper  
 162 100  
 127 38.1 31.0 46.6  
 164 33.5 25.7 38.5



#48  
 2-Nitroaniline  
 Concen: 44.276 ng  
 RT: 13.89 min Scan# 1839  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

Tgt Ion: 65 Resp: 125777  
 Ion Ratio Lower Upper  
 65 100  
 92 63.8 51.4 77.2  
 138 98.8 71.4 107.2





#49

Acenaphthylene

Concen: 39.150 ng

RT: 14.53 min Scan# 1948

Delta R.T. -0.00 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

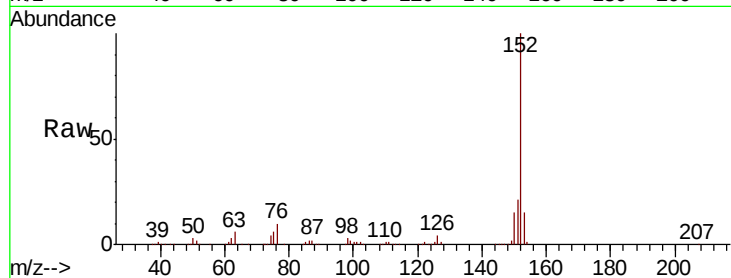
Tgt Ion:152 Resp: 594630

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

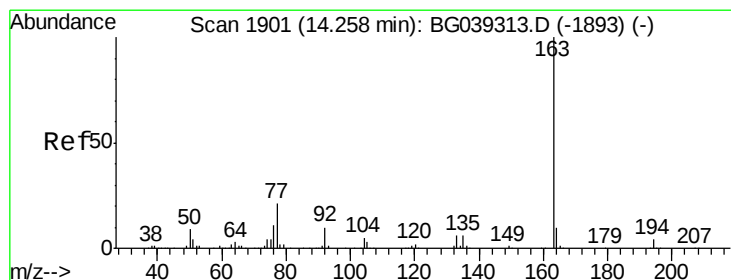
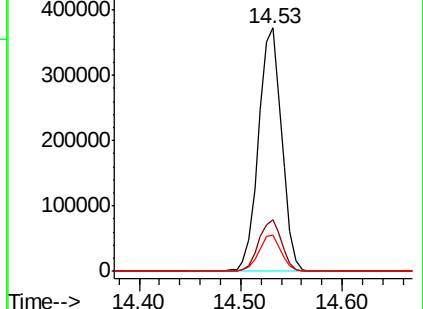
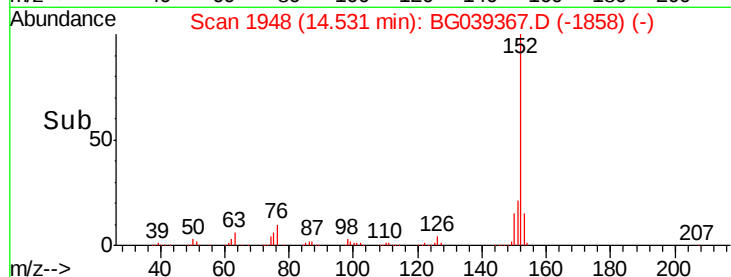
153 14.8 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.215 ng

RT: 14.25 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

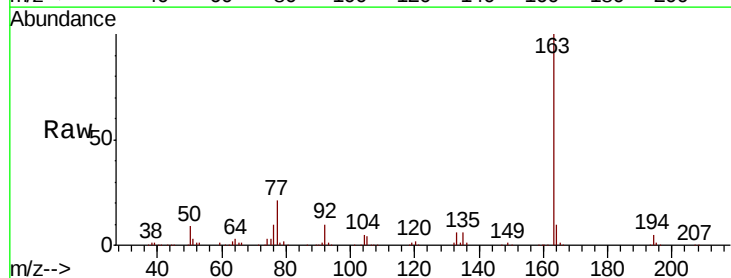
Tgt Ion:163 Resp: 509340

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

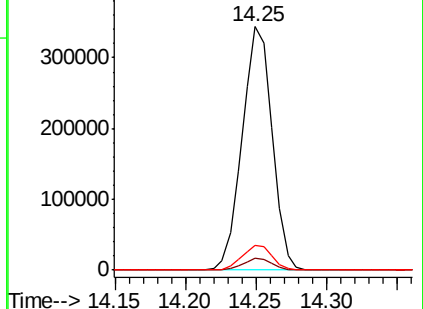
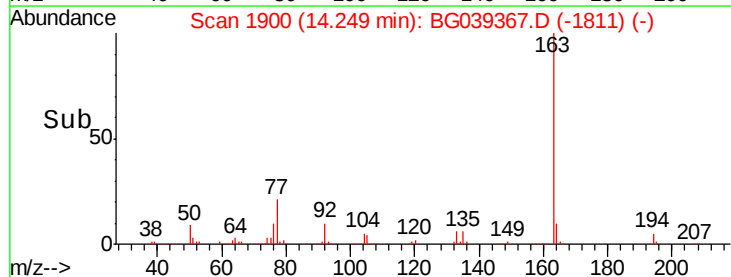
164 10.3 8.4 12.6

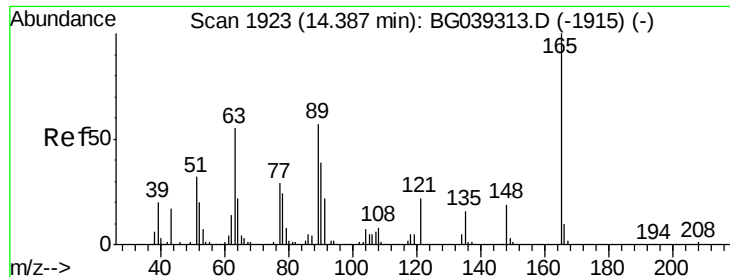


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

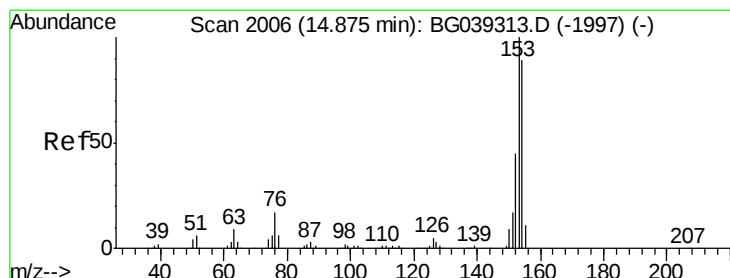
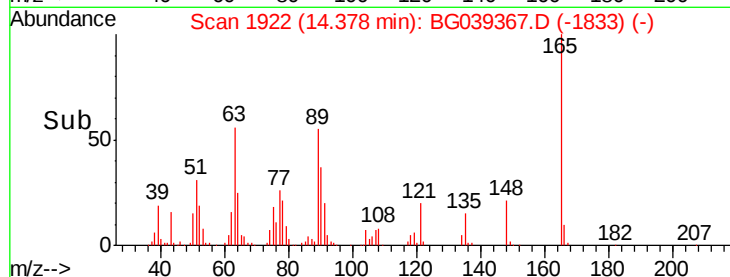
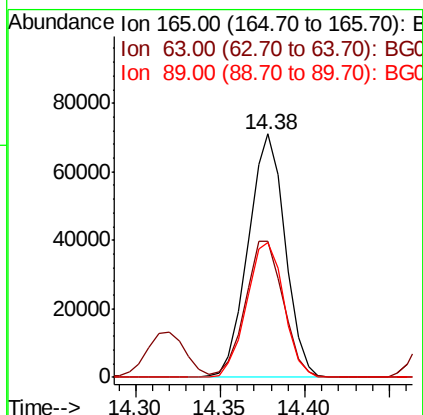
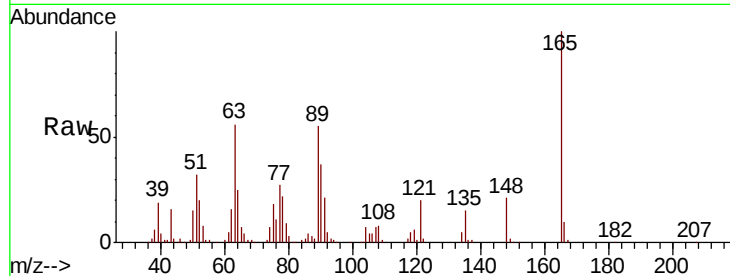




#51  
2,6-Dinitrotoluene  
Concen: 44.924 ng  
RT: 14.38 min Scan# 1922  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

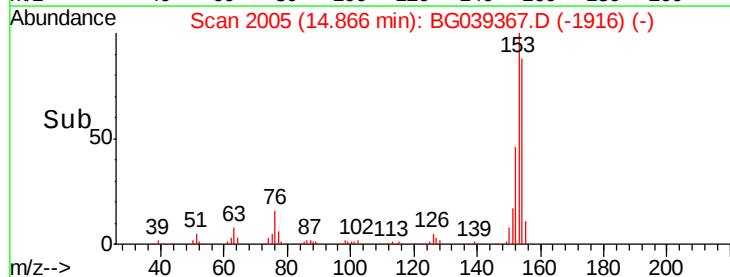
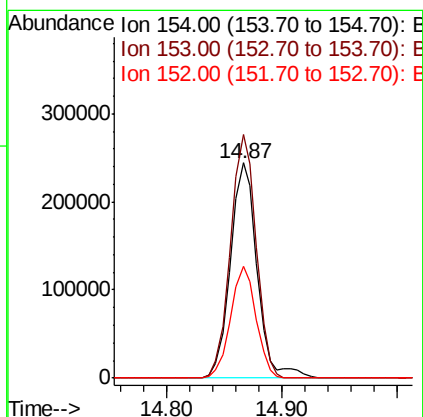
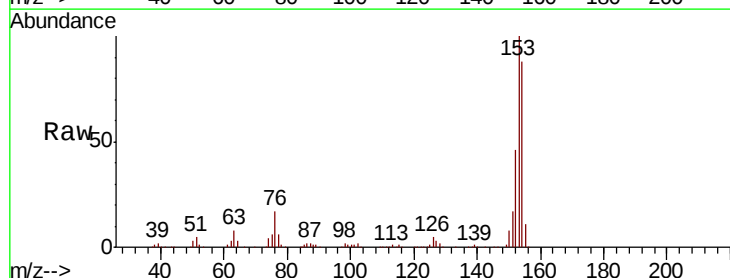
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

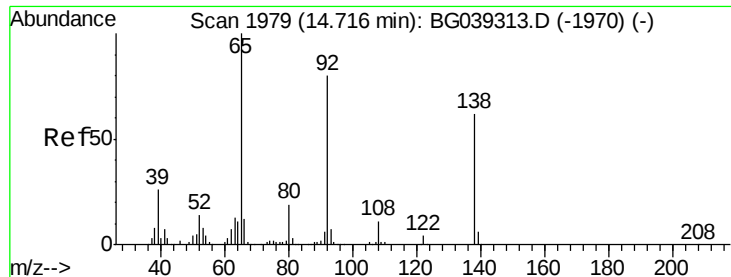
Tgt Ion:165 Resp: 107869  
Ion Ratio Lower Upper  
165 100  
63 56.0 47.0 70.6  
89 55.2 45.8 68.8



#52  
Acenaphthene  
Concen: 39.628 ng  
RT: 14.87 min Scan# 2005  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

Tgt Ion:154 Resp: 390703  
Ion Ratio Lower Upper  
154 100  
153 113.2 90.1 135.1  
152 52.1 40.9 61.3

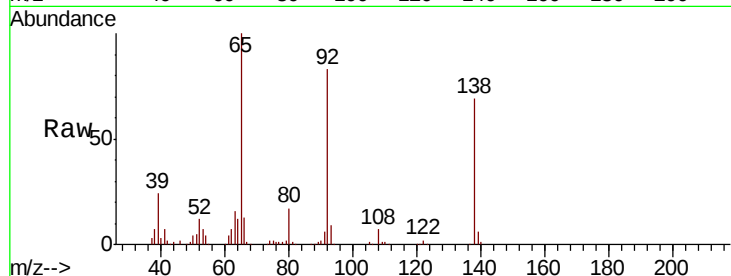




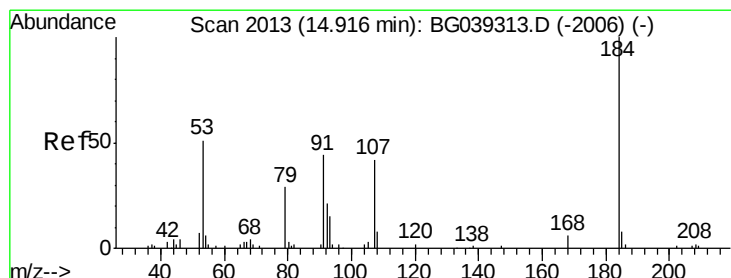
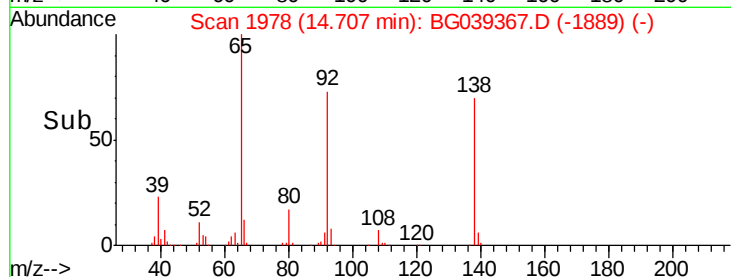
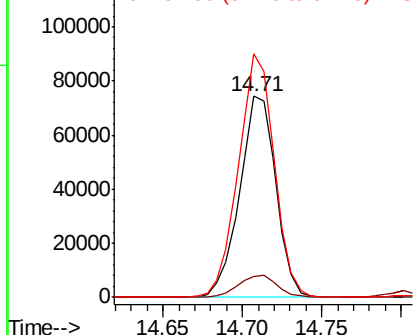
#53  
3-Nitroaniline  
Concen: 45.394 ng  
RT: 14.71 min Scan# 1978  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:138 Resp: 117963  
Ion Ratio Lower Upper  
138 100  
108 10.6 13.8 20.8#  
92 121.0 103.7 155.5

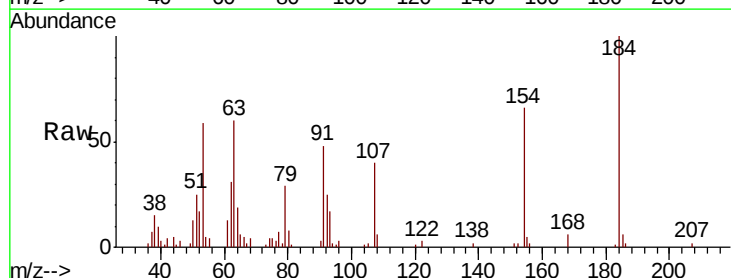


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BGC

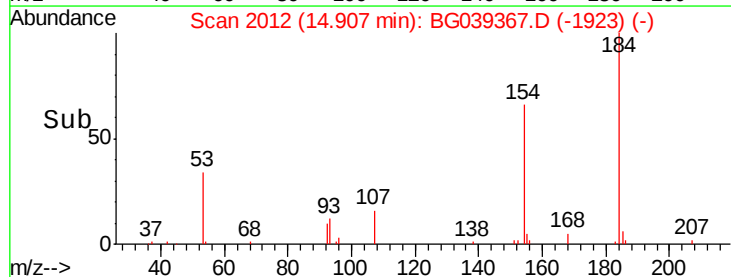
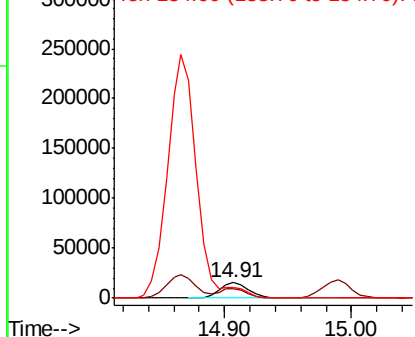


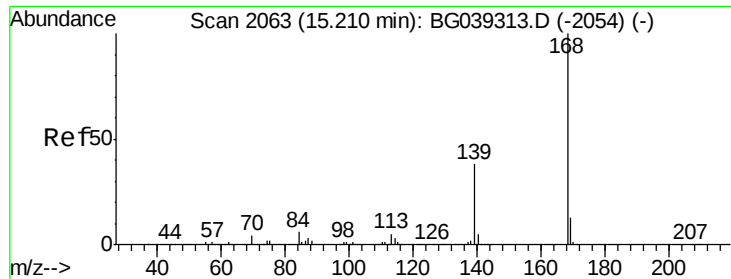
#54  
2,4-Dinitrophenol  
Concen: 33.539 ng  
RT: 14.91 min Scan# 2012  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

Tgt Ion:184 Resp: 25411  
Ion Ratio Lower Upper  
184 100  
63 60.3 50.9 76.3  
154 65.5 53.0 79.6



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

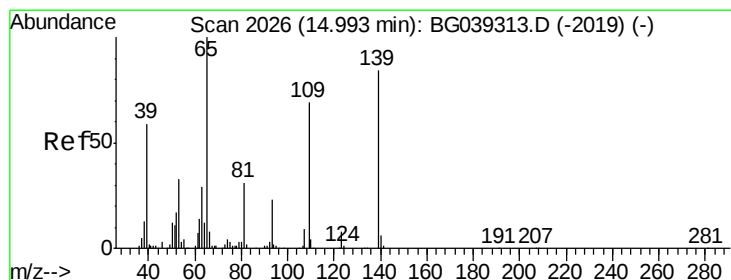
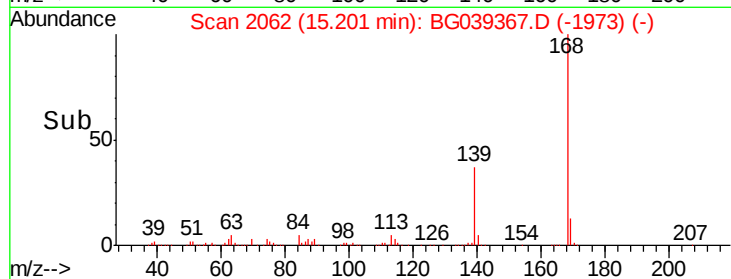
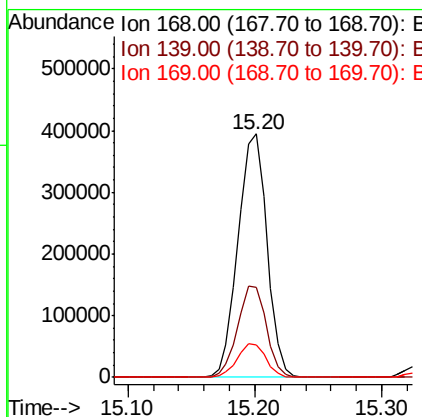
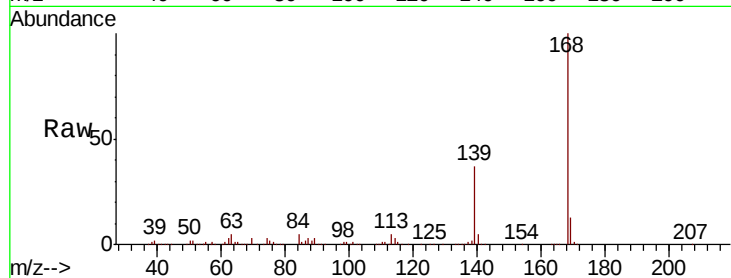




#55  
Dibenzenofuran  
Concen: 39.472 ng  
RT: 15.20 min Scan# 2062  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

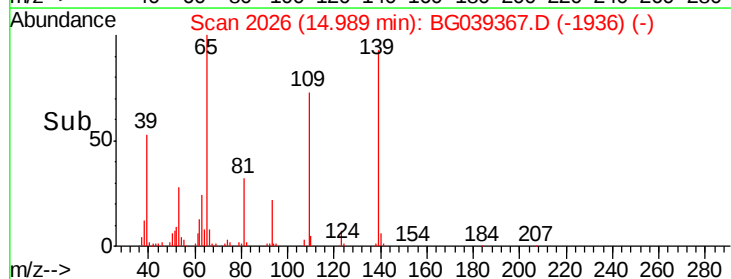
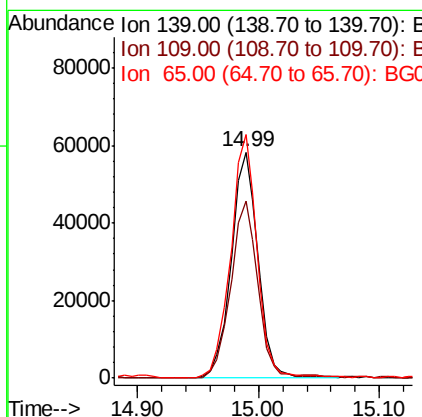
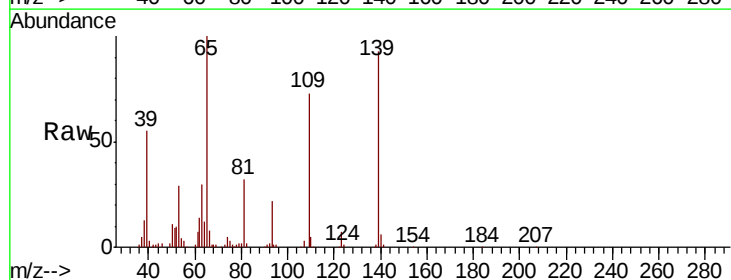
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

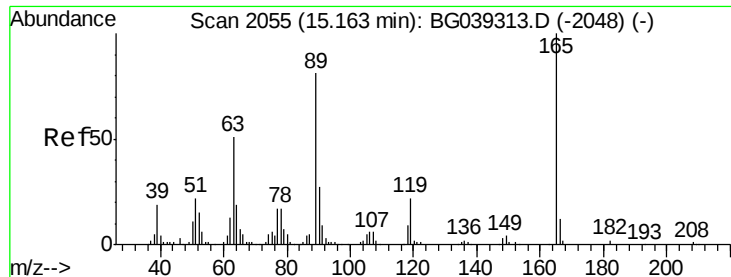
Tgt Ion:168 Resp: 623950  
Ion Ratio Lower Upper  
168 100  
139 36.9 30.1 45.1  
169 13.5 10.6 16.0



#56  
4-Nitrophenol  
Concen: 41.480 ng  
RT: 14.99 min Scan# 2026  
Delta R.T. -0.00 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

Tgt Ion:139 Resp: 90348  
Ion Ratio Lower Upper  
139 100  
109 78.6 61.9 101.9  
65 107.8 99.1 139.1

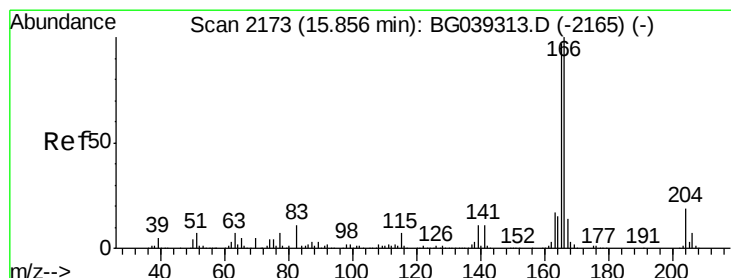
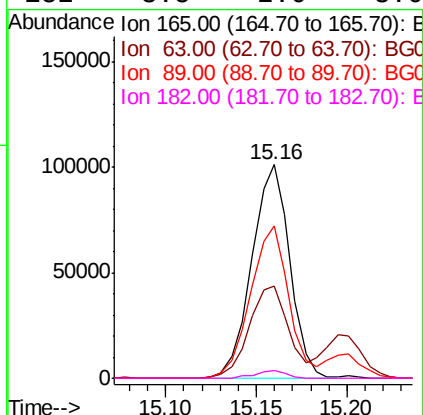
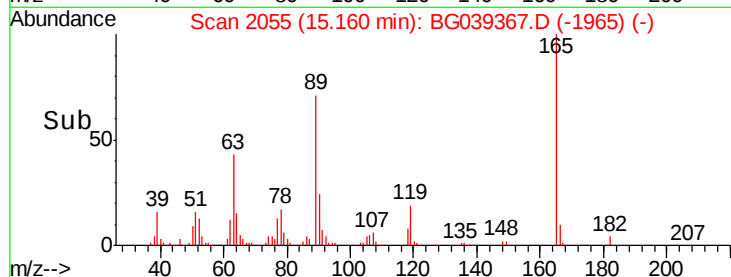
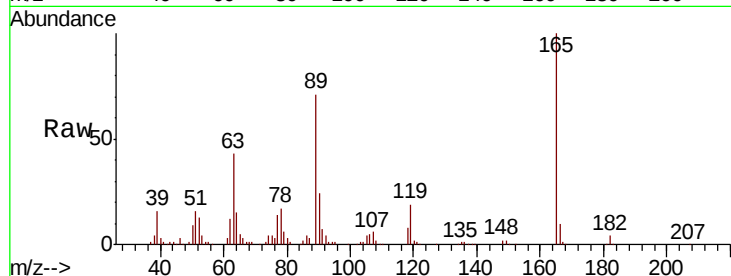




#57  
 2,4-Dinitrotoluene  
 Concen: 47.574 ng  
 RT: 15.16 min Scan# 2055  
 Delta R.T. -0.00 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

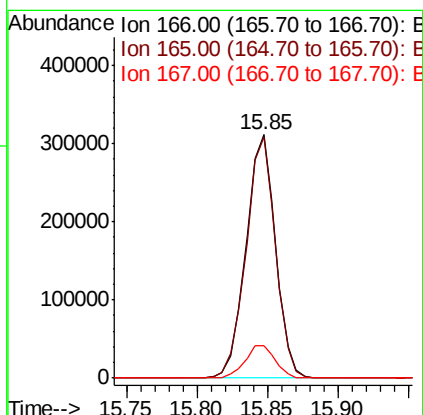
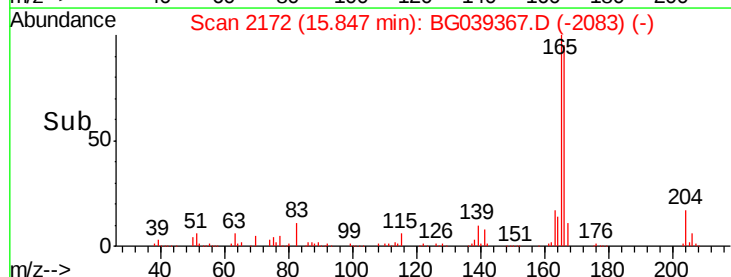
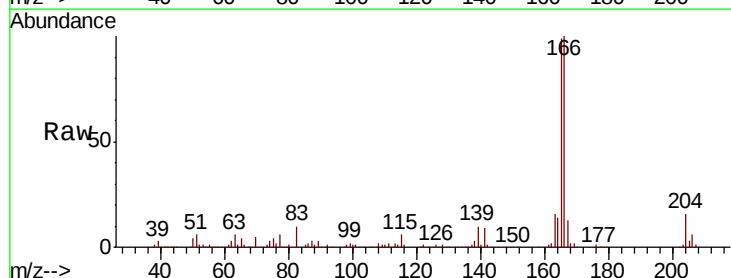
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

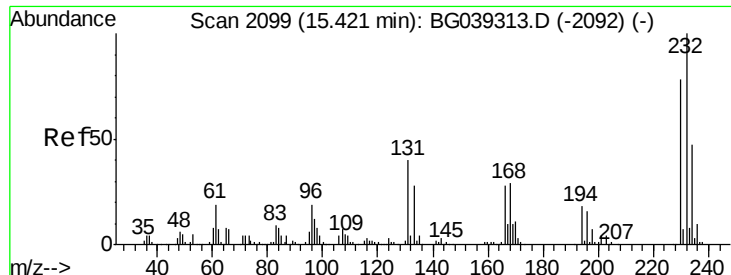
Tgt Ion:165 Resp: 147671  
 Ion Ratio Lower Upper  
 165 100  
 63 43.4 41.0 61.6  
 89 71.2 64.6 96.8  
 182 3.5 2.0 3.0#



#58  
 Fluorene  
 Concen: 38.738 ng  
 RT: 15.85 min Scan# 2172  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

Tgt Ion:166 Resp: 456484  
 Ion Ratio Lower Upper  
 166 100  
 165 98.9 77.9 116.9  
 167 13.4 10.8 16.2

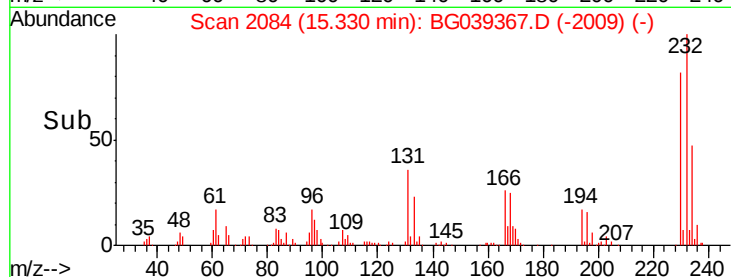
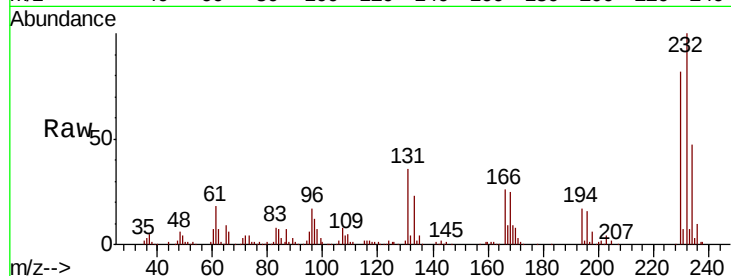




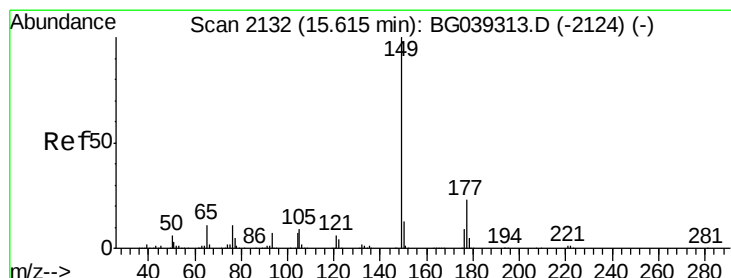
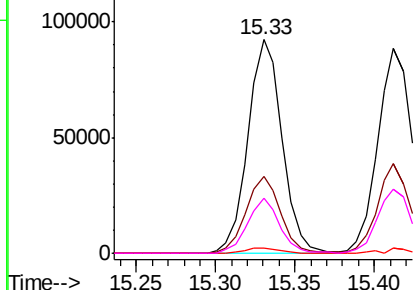
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 44.839 ng  
 RT: 15.33 min Scan# 2084  
 Delta R.T. -0.09 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 138432 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 36.1  | 34.9  | 52.3   |
| 130      | 2.4   | 2.0   | 3.0    |
| 166      | 24.1  | 24.1  | 36.1   |

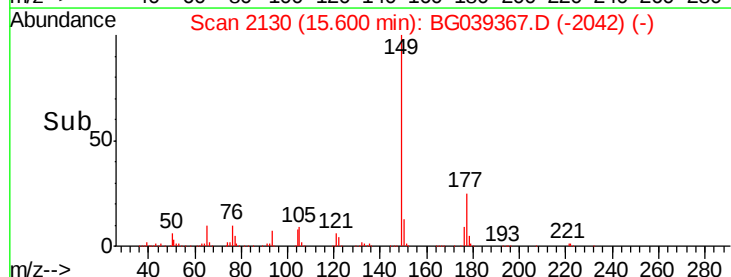
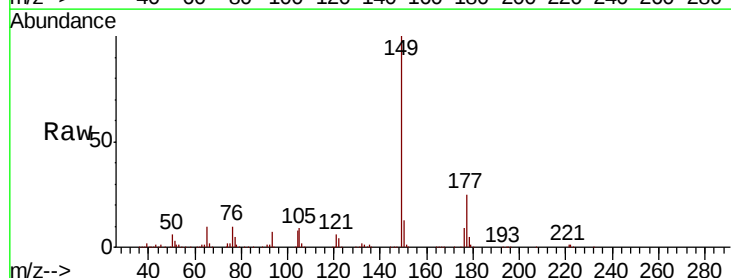


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

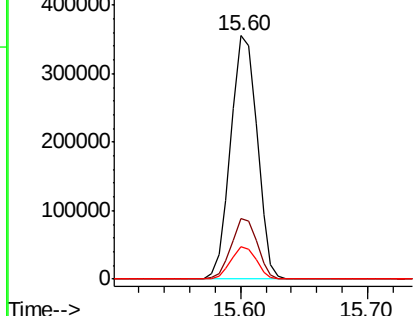


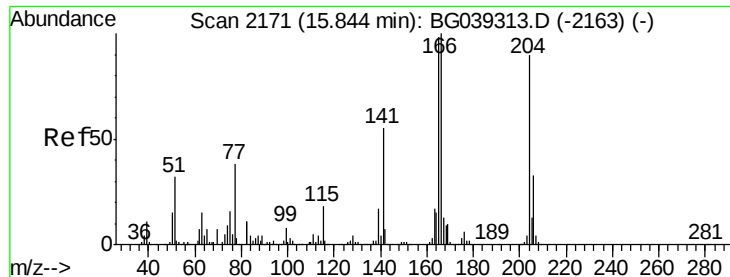
#60  
 Diethylphthalate  
 Concen: 38.220 ng  
 RT: 15.60 min Scan# 2130  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 513258 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.7  | 18.3  | 27.5   |
| 150      | 13.3  | 10.2  | 15.2   |



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

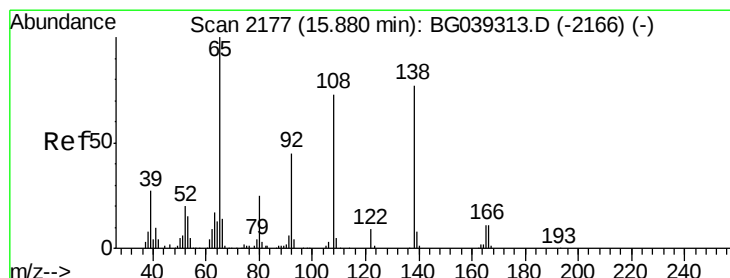
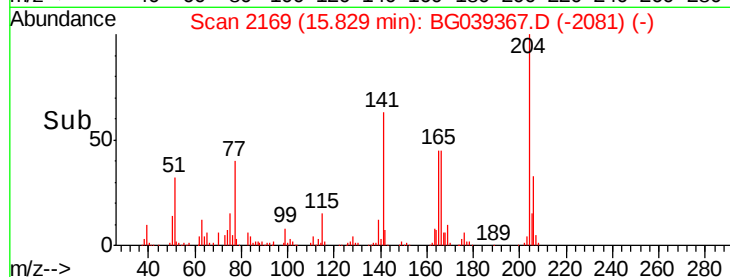
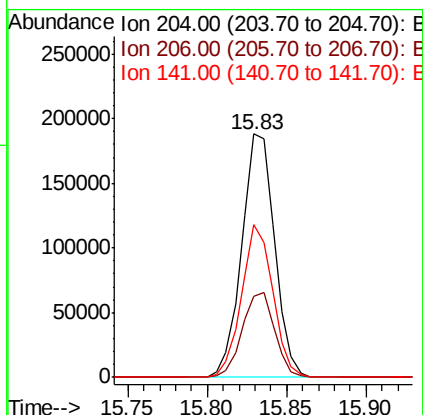
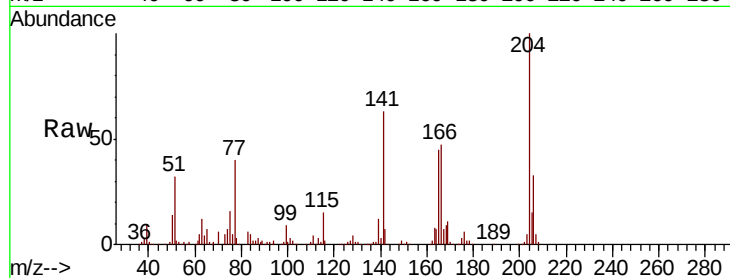




#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.534 ng  
 RT: 15.83 min Scan# 2169  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

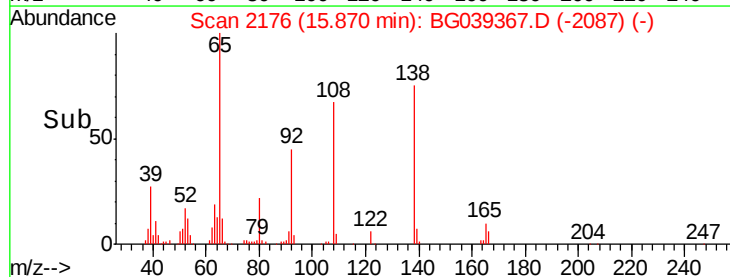
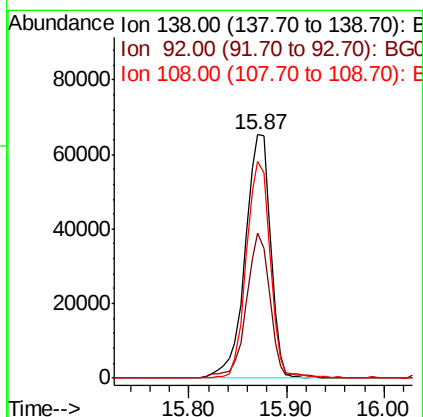
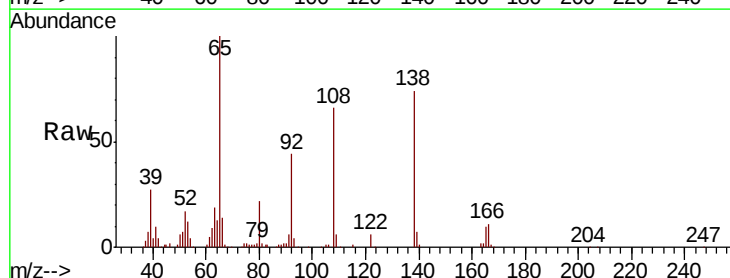
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

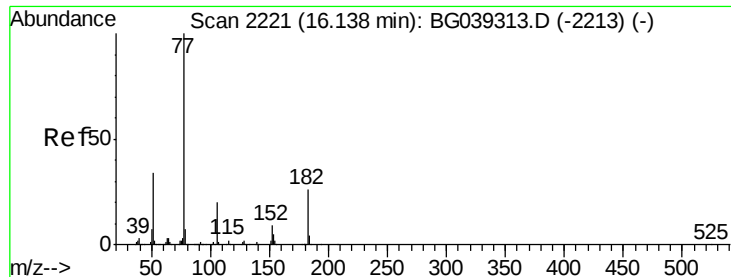
Tgt Ion: 204 Resp: 270461  
 Ion Ratio Lower Upper  
 204 100  
 206 33.5 29.2 43.8  
 141 62.8 49.0 73.4



#62  
 4-Nitroaniline  
 Concen: 43.738 ng  
 RT: 15.87 min Scan# 2176  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

Tgt Ion: 138 Resp: 118011  
 Ion Ratio Lower Upper  
 138 100  
 92 59.7 38.7 78.7  
 108 89.2 74.6 114.6





#63

Azobenzene

Concen: 36.624 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 480703

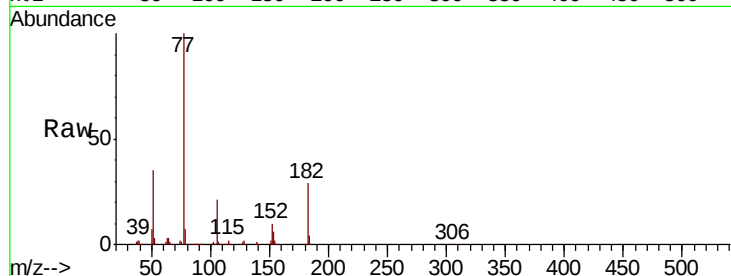
Ion Ratio Lower Upper

77 100

182 29.4 6.4 46.4

105 20.8 0.0 39.8

51 34.7 14.1 54.1

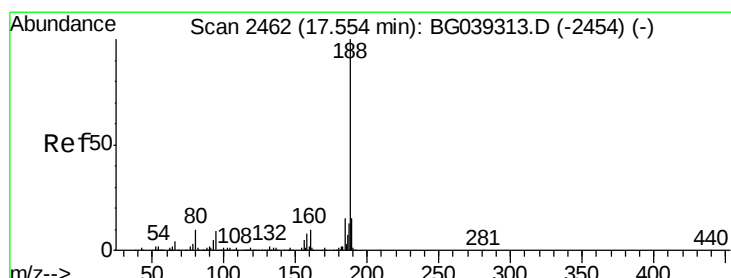
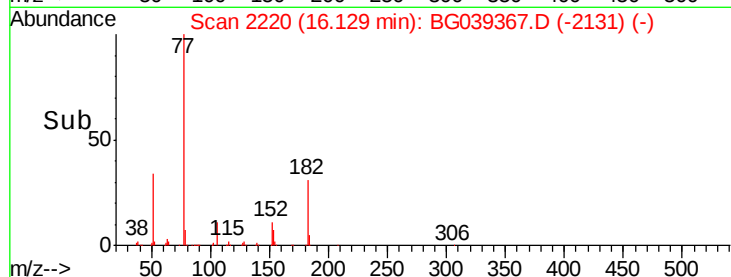
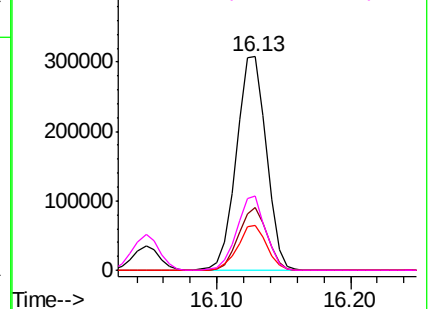


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

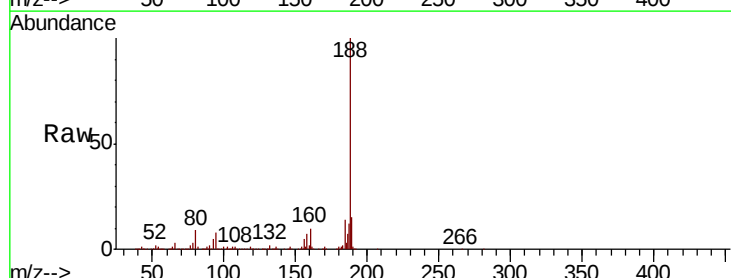
Tgt Ion: 188 Resp: 375543

Ion Ratio Lower Upper

188 100

94 8.2 6.9 10.3

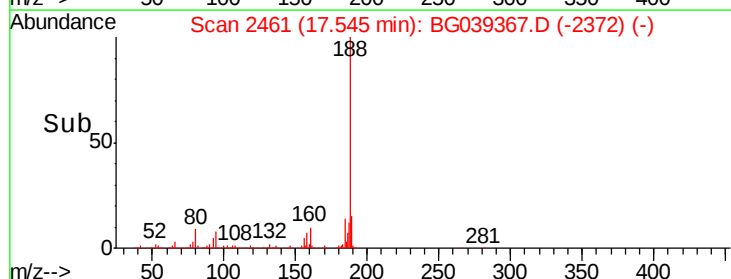
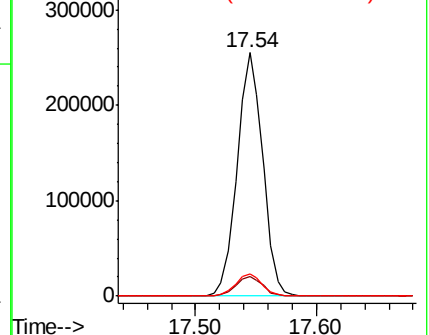
80 8.9 8.1 12.1

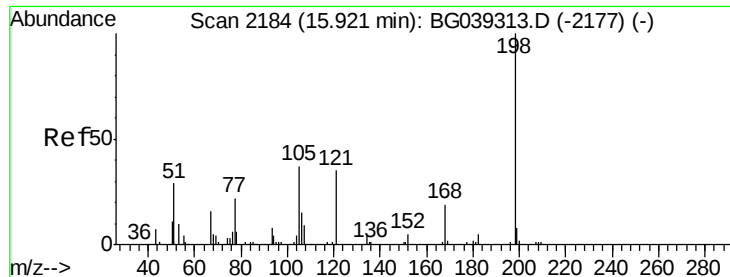


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

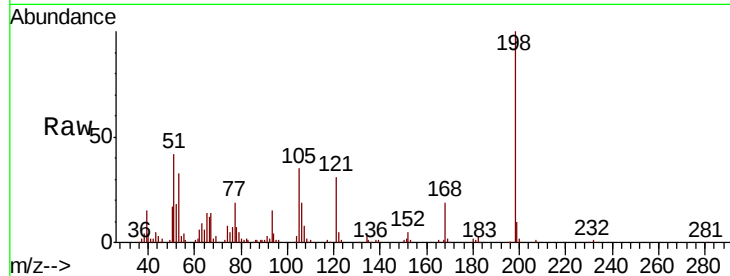




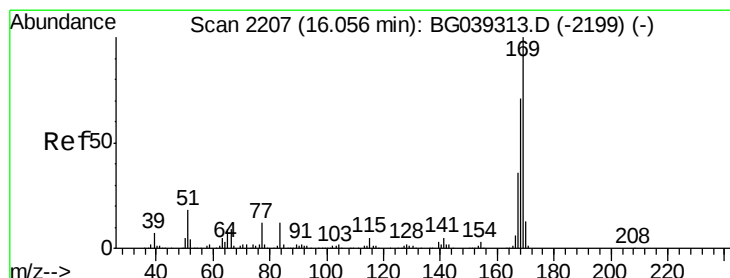
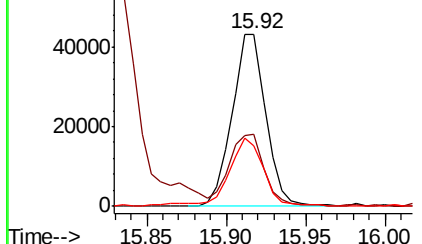
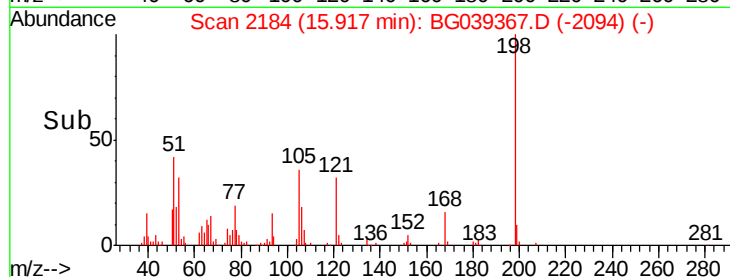
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 44.495 ng  
 RT: 15.92 min Scan# 2184  
 Delta R.T. -0.00 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:198 Resp: 63835  
 Ion Ratio Lower Upper  
 198 100  
 51 41.6 27.4 67.4  
 105 35.4 19.7 59.7

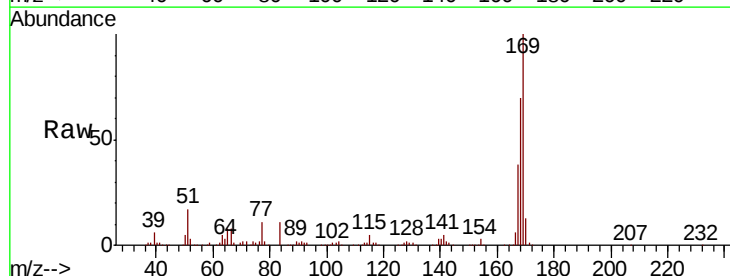


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

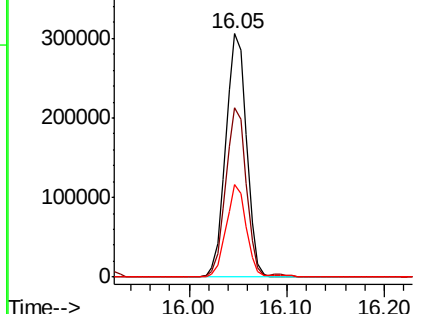
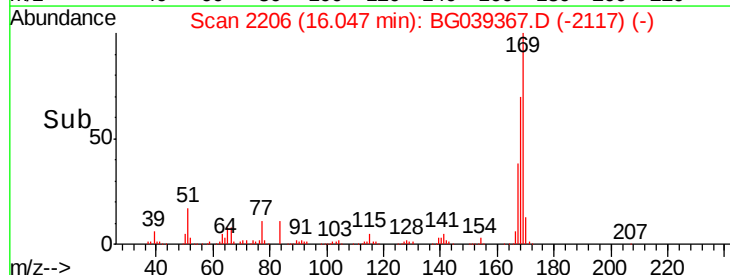


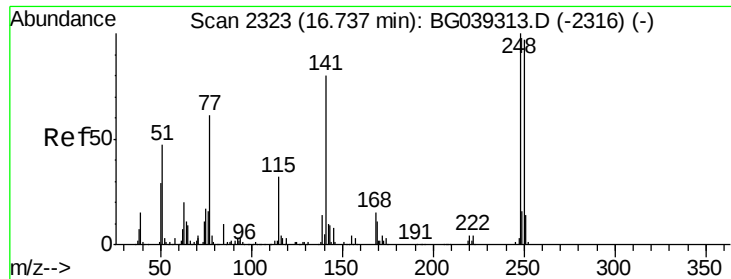
#66  
 n-Nitrosodiphenylamine  
 Concen: 39.460 ng  
 RT: 16.05 min Scan# 2206  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

Tgt Ion:169 Resp: 450596  
 Ion Ratio Lower Upper  
 169 100  
 168 69.6 56.6 85.0  
 167 37.9 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

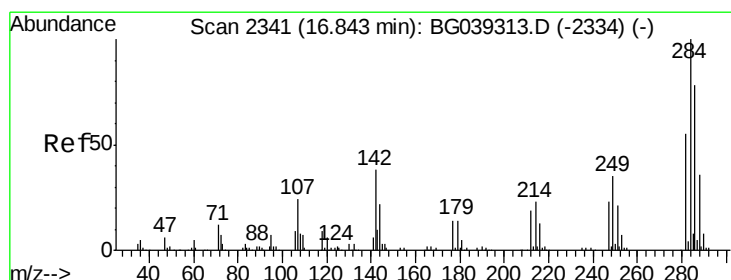
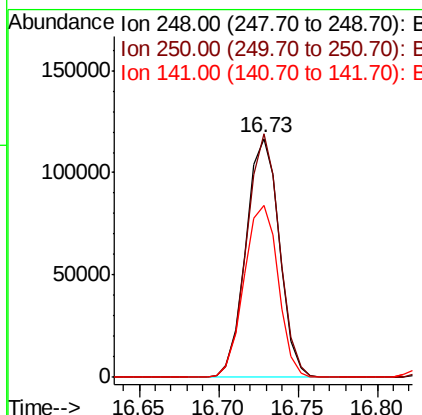
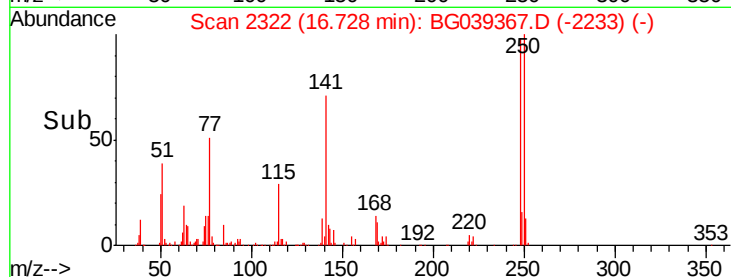
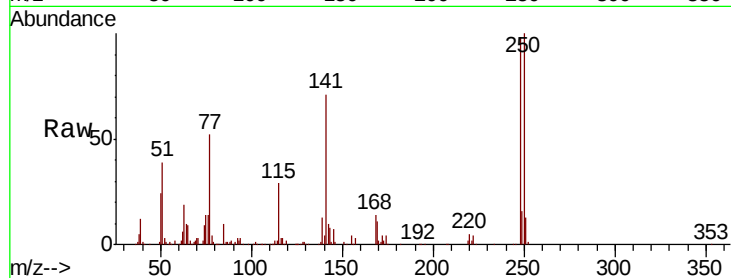




#67  
 4-Bromophenyl-phenylether  
 Concen: 41.105 ng  
 RT: 16.73 min Scan# 2322  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

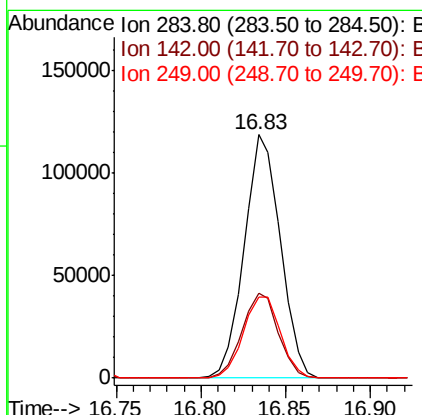
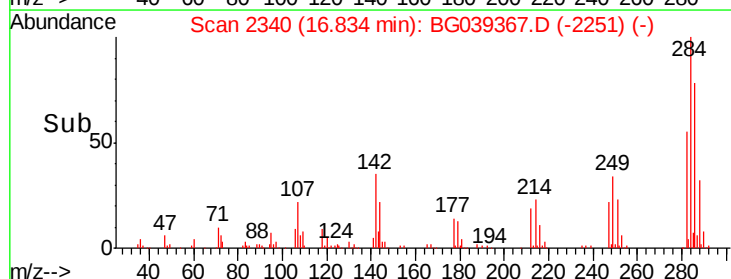
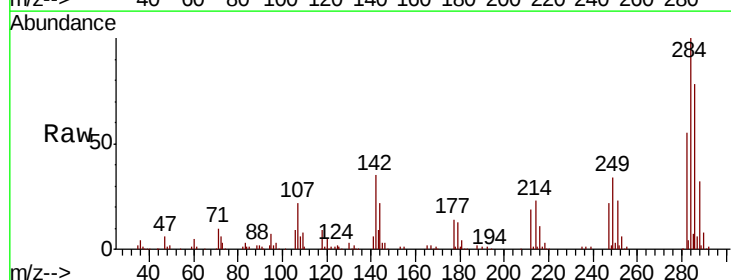
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

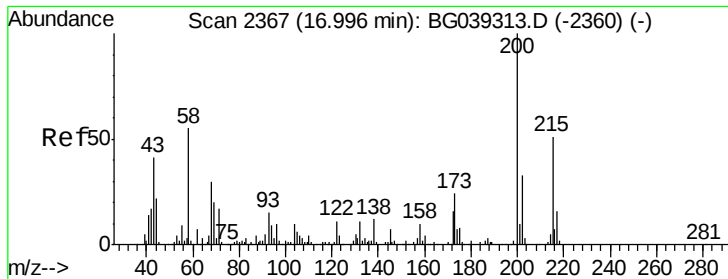
Tgt Ion:248 Resp: 171254  
 Ion Ratio Lower Upper  
 248 100  
 250 101.9 77.6 116.4  
 141 72.0 63.9 95.9



#68  
 Hexachlorobenzene  
 Concen: 42.188 ng  
 RT: 16.83 min Scan# 2340  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

Tgt Ion:284 Resp: 176346  
 Ion Ratio Lower Upper  
 284 100  
 142 35.0 30.6 45.8  
 249 33.5 28.2 42.2





#69

Atrazine

Concen: 38.522 ng

RT: 16.99 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

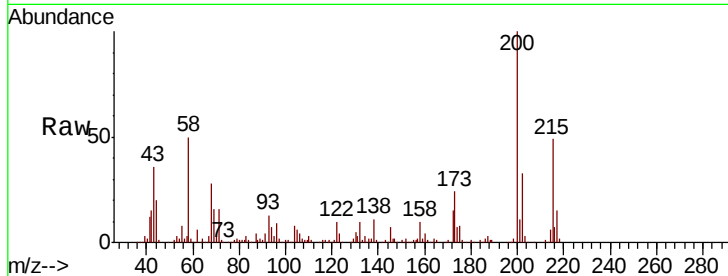
Tgt Ion:200 Resp: 160752

Ion Ratio Lower Upper

200 100

173 24.4 3.9 43.9

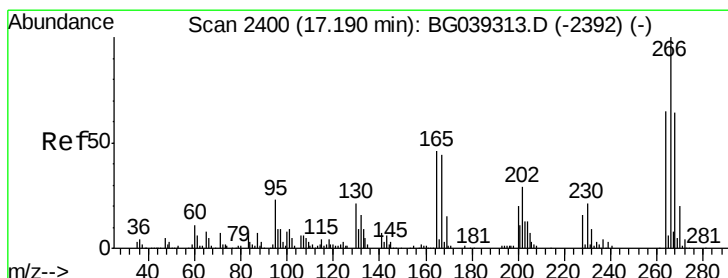
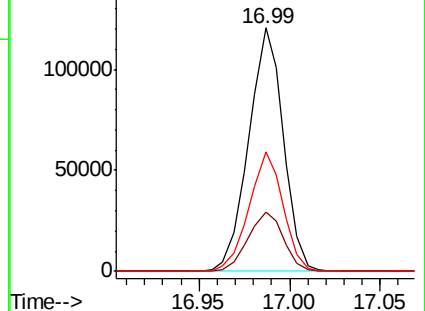
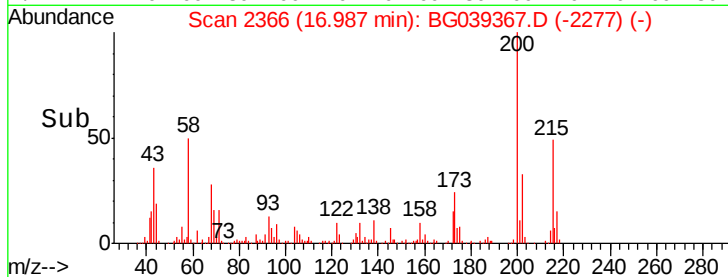
215 49.0 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 40.861 ng

RT: 17.18 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

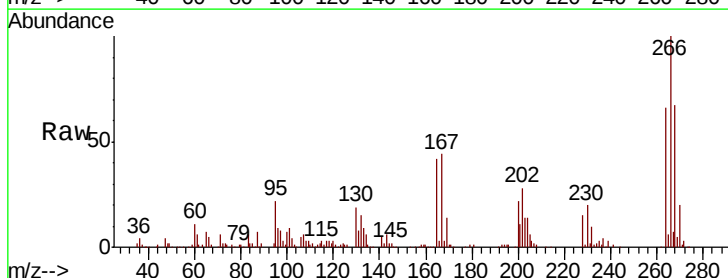
Tgt Ion:266 Resp: 118707

Ion Ratio Lower Upper

266 100

268 67.5 51.1 76.7

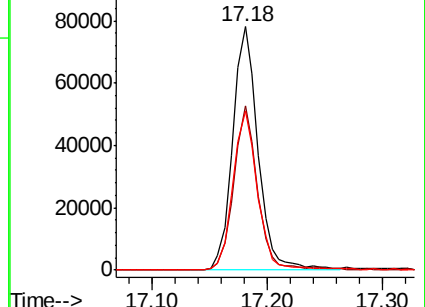
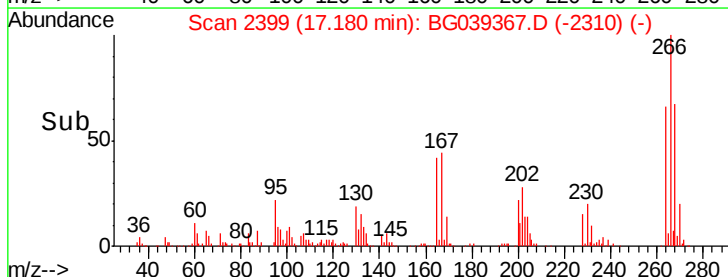
264 65.6 52.1 78.1

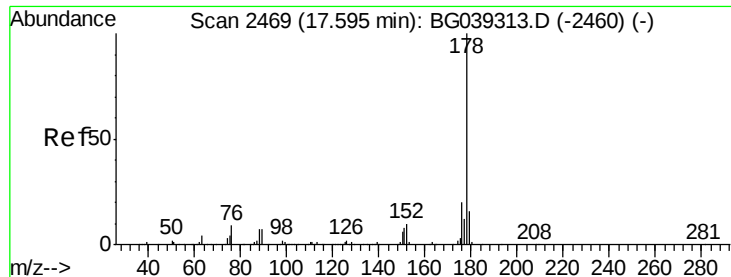


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

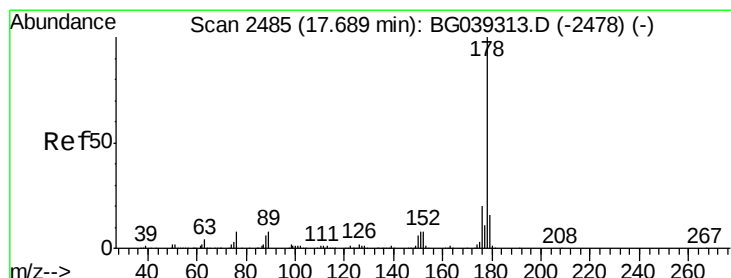
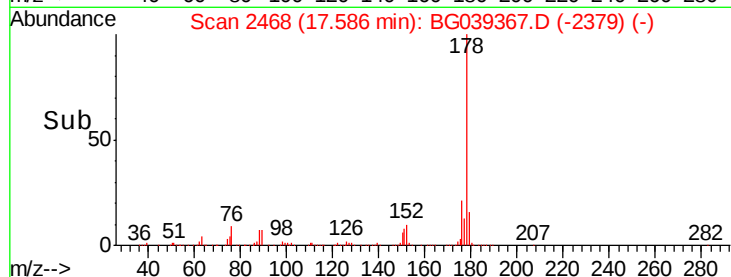
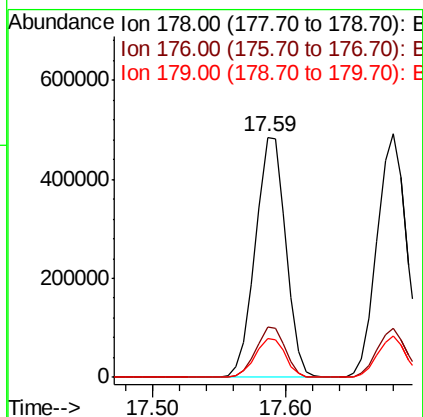
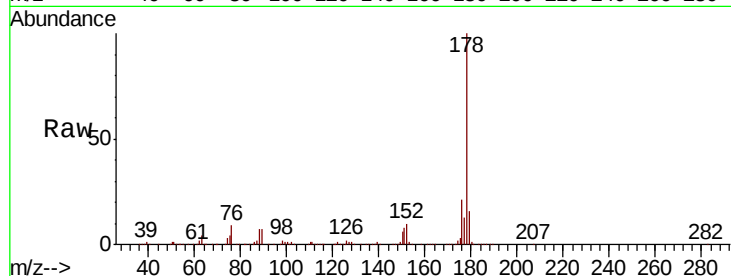




#71  
Phenanthrene  
Concen: 39.019 ng  
RT: 17.59 min Scan# 2468  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

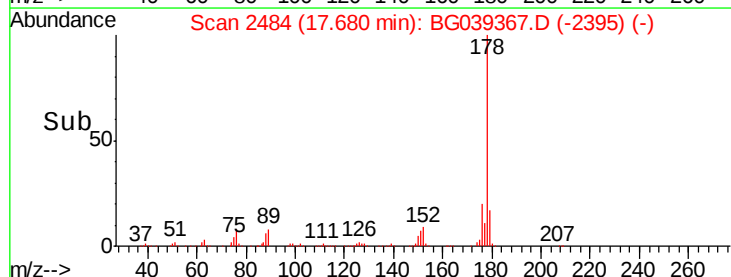
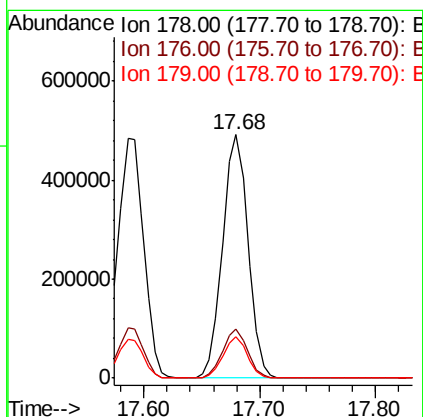
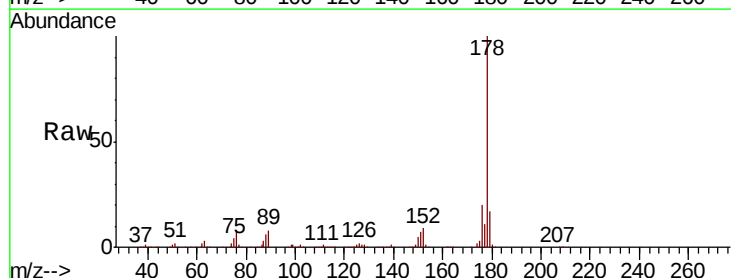
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

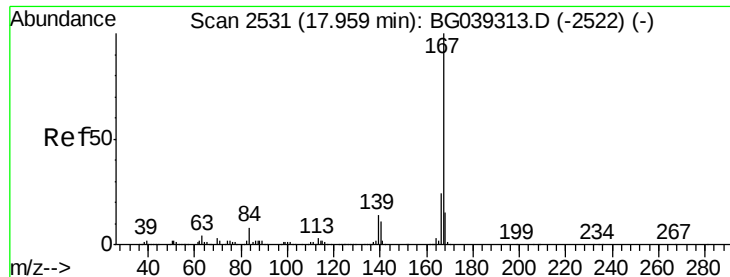
Tgt Ion:178 Resp: 758412  
Ion Ratio Lower Upper  
178 100  
176 20.8 16.2 24.4  
179 16.3 12.6 19.0



#72  
Anthracene  
Concen: 39.221 ng  
RT: 17.68 min Scan# 2484  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

Tgt Ion:178 Resp: 750907  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.8 23.6  
179 16.9 12.5 18.7

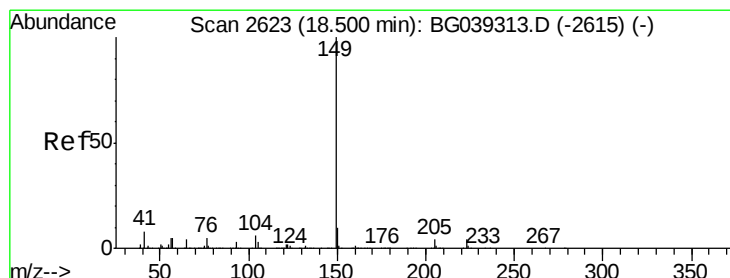
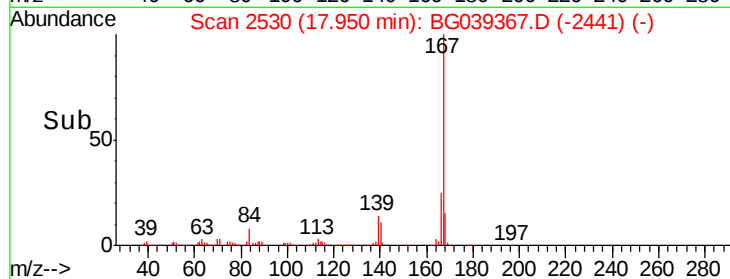
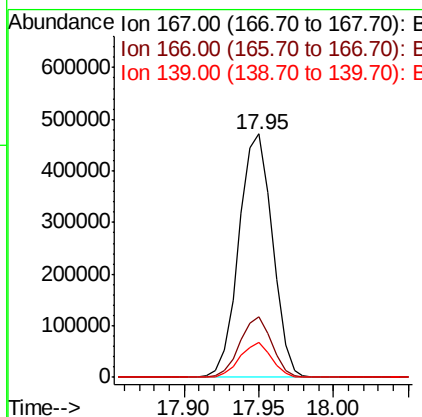
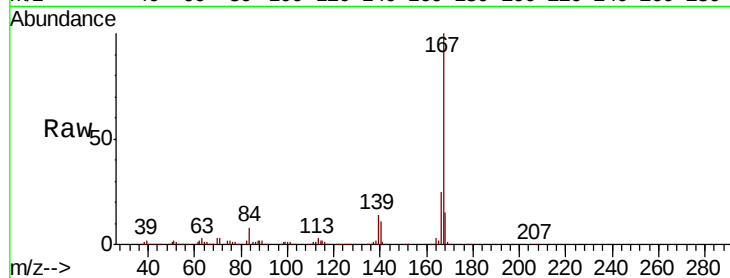




#73  
 Carbazole  
 Concen: 38.470 ng  
 RT: 17.95 min Scan# 2530  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

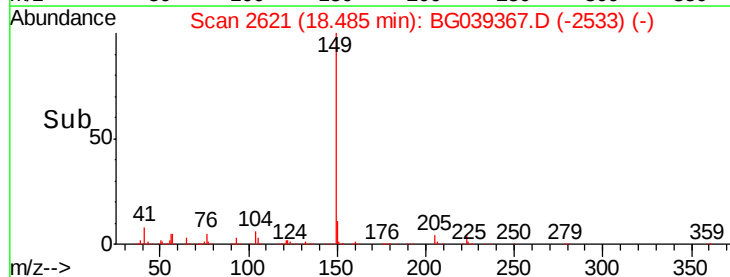
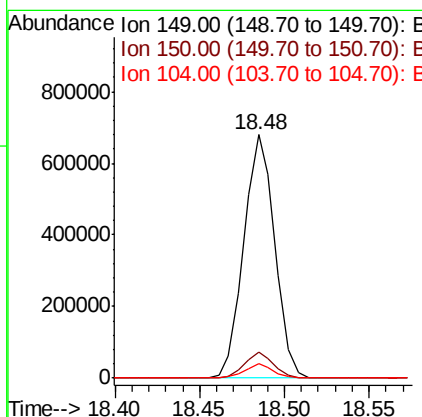
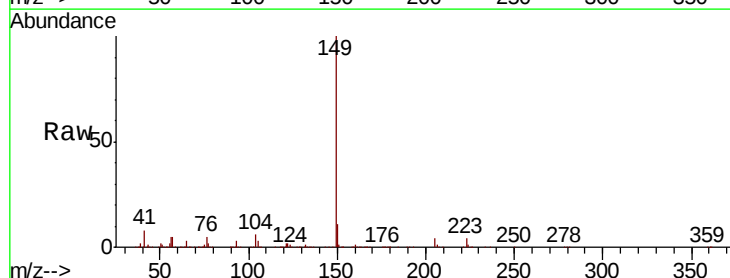
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

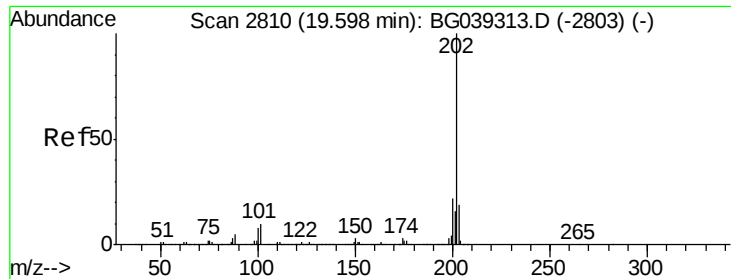
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 25.0  | 19.4  | 29.2  |
| 139     | 14.1  | 10.8  | 16.2  |



#74  
 Di-n-butylphthalate  
 Concen: 38.892 ng  
 RT: 18.48 min Scan# 2621  
 Delta R.T. -0.01 min  
 Lab File: BG039367.D  
 Acq: 6 Feb 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.6  | 7.7   | 11.5  |
| 104     | 5.8   | 4.5   | 6.7   |





#75

Fluoranthene

Concen: 39.380 ng

RT: 19.59 min Scan# 2809

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

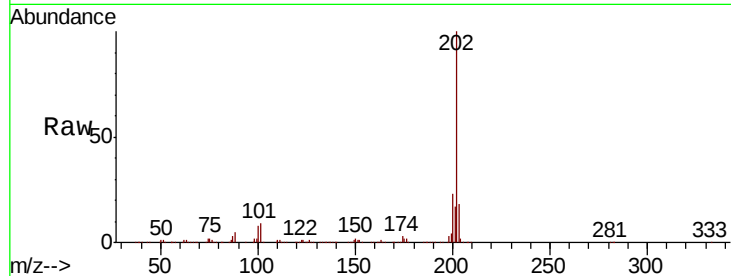
Instrument :

BNA\_G

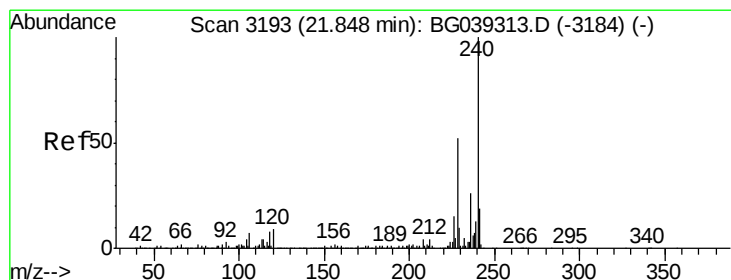
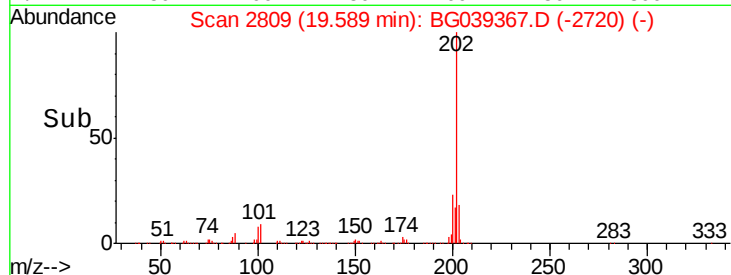
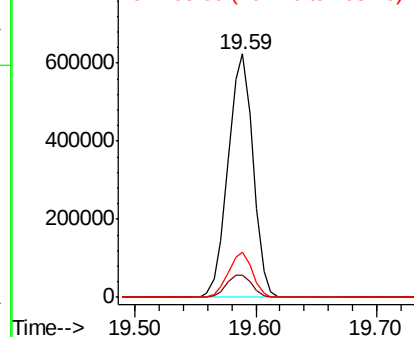
ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 888425 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 9.0   | 0.0   | 30.0   |
| 203      | 18.3  | 0.0   | 38.9   |



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

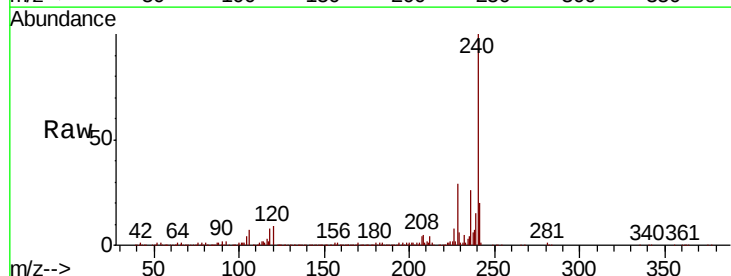
RT: 21.84 min Scan# 3192

Delta R.T. -0.01 min

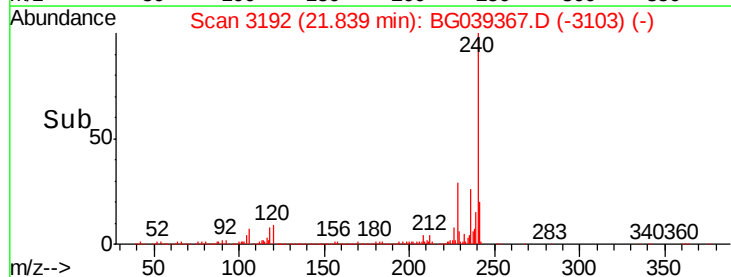
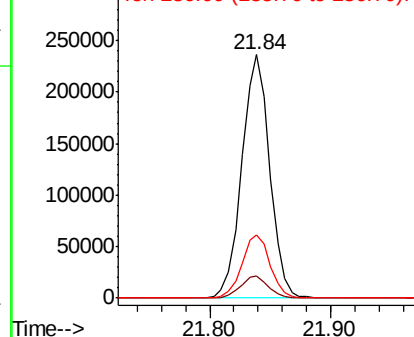
Lab File: BG039367.D

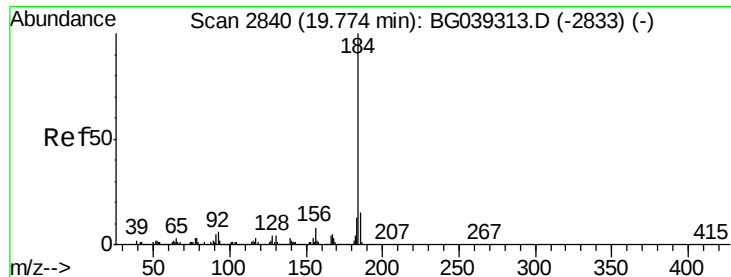
Acq: 6 Feb 2019 12:42

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 379050 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 8.9   | 7.0   | 10.6   |
| 236      | 25.9  | 21.0  | 31.4   |



Abundance Ion 240.00 (239.70 to 240.70): E  
Ion 120.00 (119.70 to 120.70): E  
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.964 ng

RT: 19.77 min Scan# 2839

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

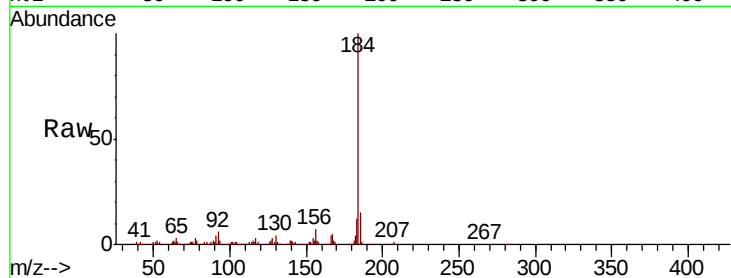
Tgt Ion:184 Resp: 310231

Ion Ratio Lower Upper

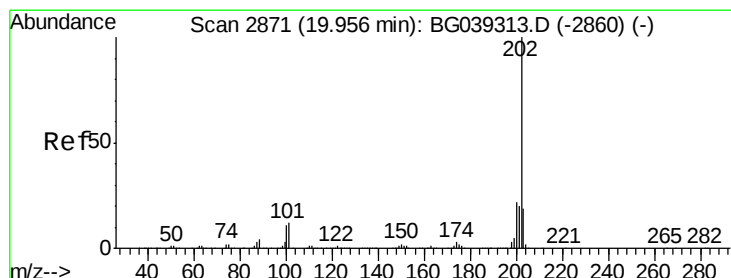
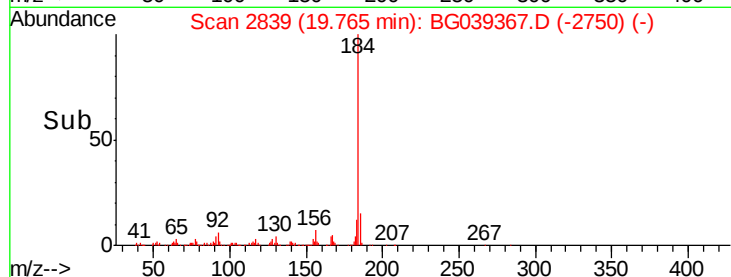
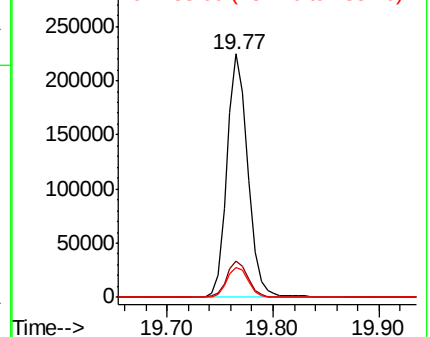
184 100

185 15.1 12.2 18.2

183 12.3 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.653 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

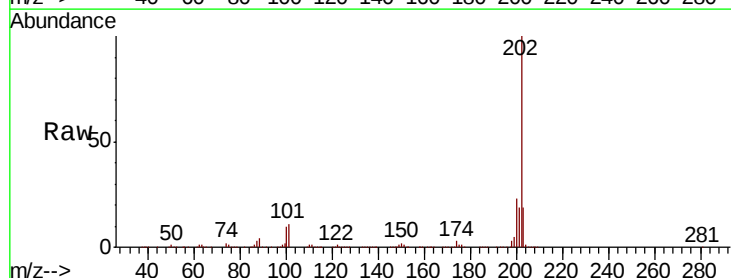
Tgt Ion:202 Resp: 912092

Ion Ratio Lower Upper

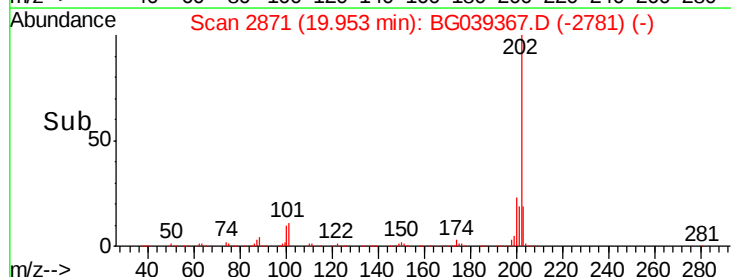
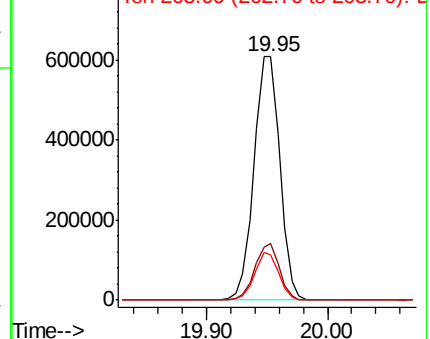
202 100

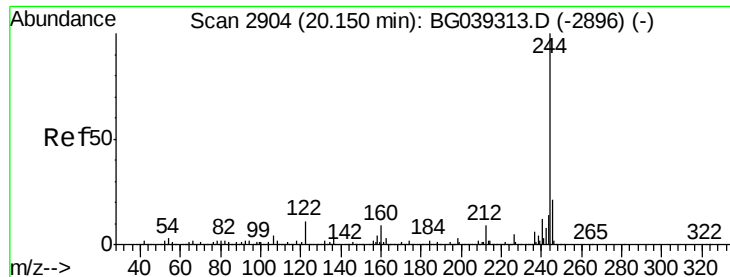
200 23.1 17.8 26.8

203 18.7 15.3 22.9



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.543 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

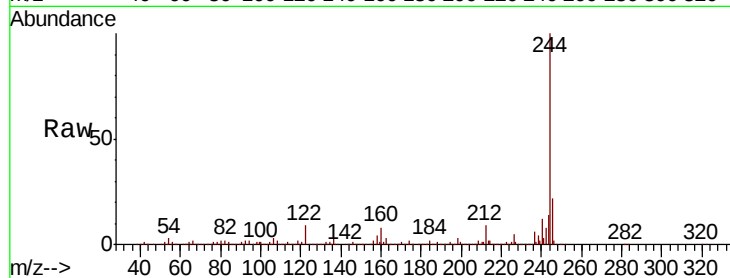
Tgt Ion:244 Resp: 1352808

Ion Ratio Lower Upper

244 100

212 9.0 7.3 10.9

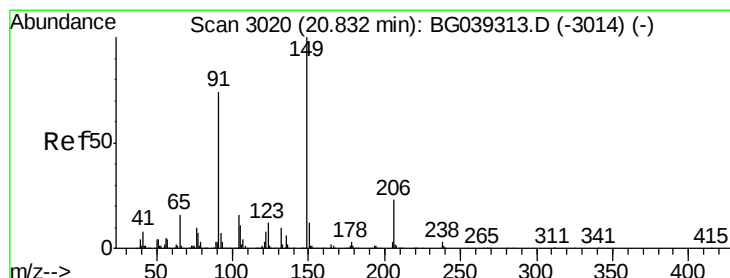
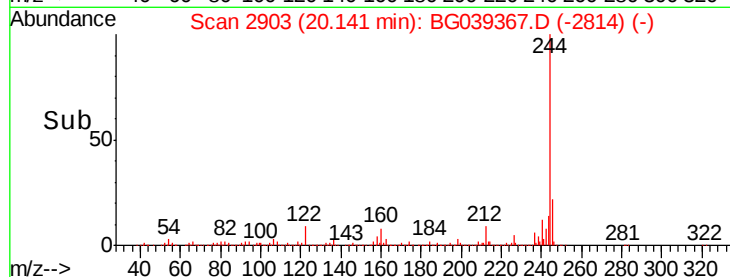
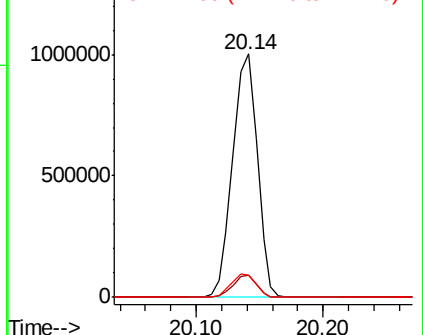
122 9.3 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.210 ng

RT: 20.82 min Scan# 3019

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

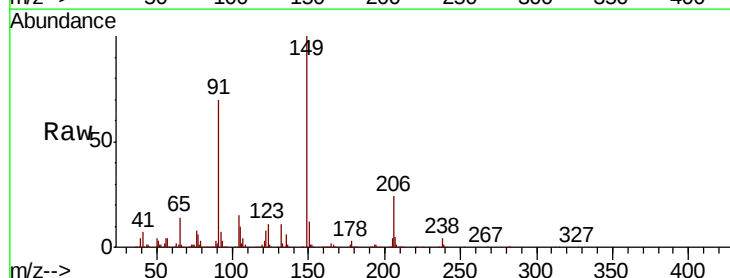
Tgt Ion:149 Resp: 390301

Ion Ratio Lower Upper

149 100

91 70.0 59.5 89.3

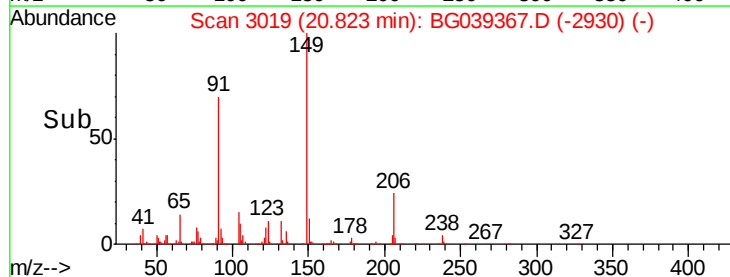
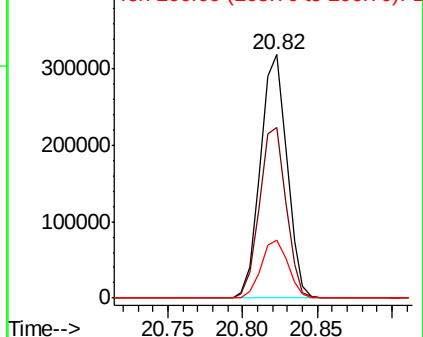
206 23.7 18.6 27.8

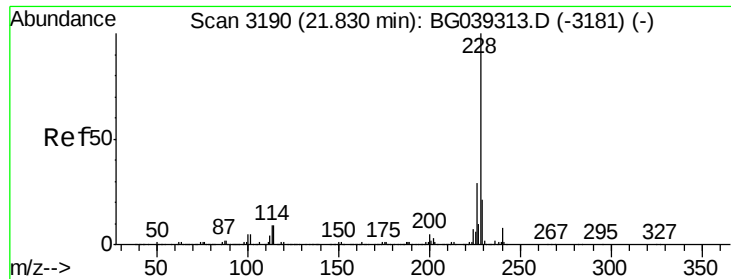


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.453 ng

RT: 21.82 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

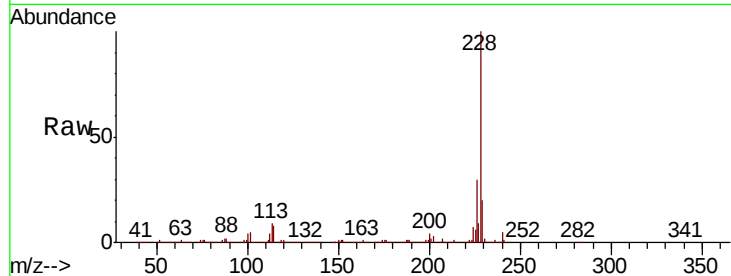
Tgt Ion:228 Resp: 883660

Ion Ratio Lower Upper

228 100

226 29.8 23.0 34.6

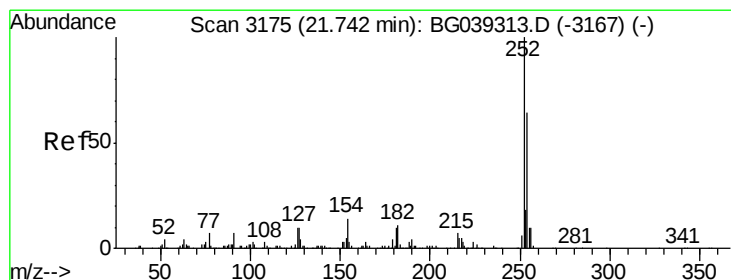
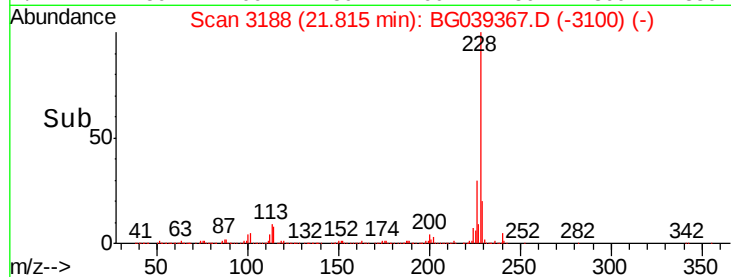
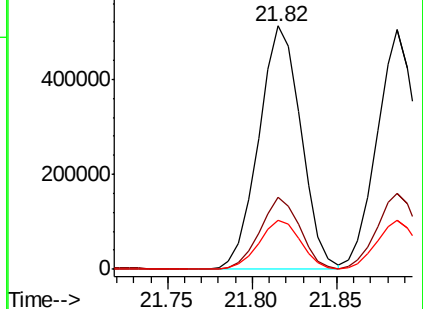
229 20.3 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 39.833 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

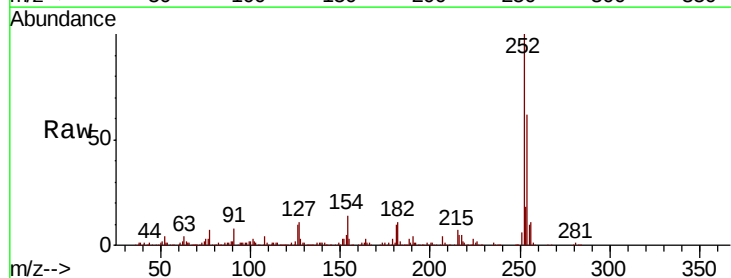
Tgt Ion:252 Resp: 330811

Ion Ratio Lower Upper

252 100

254 61.9 51.3 76.9

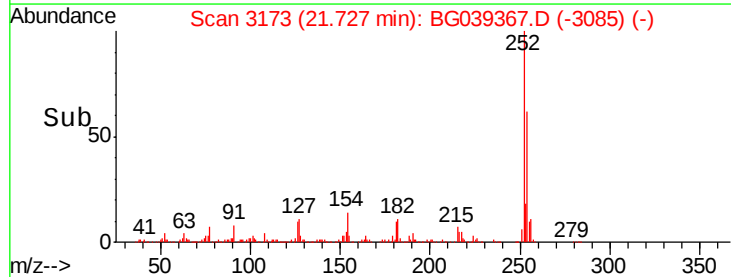
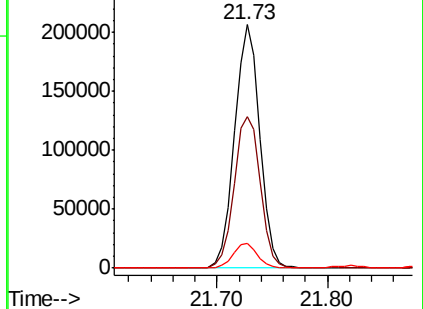
126 9.9 8.0 12.0

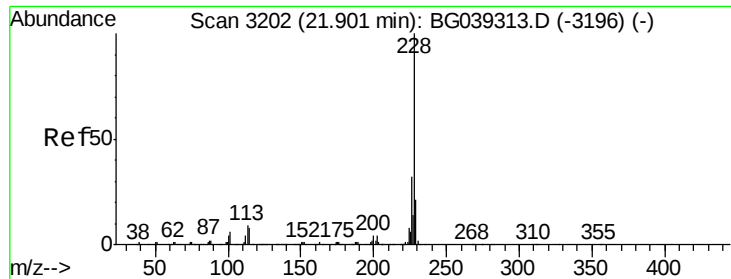


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

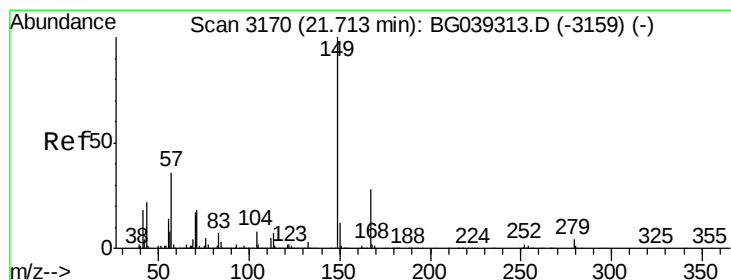
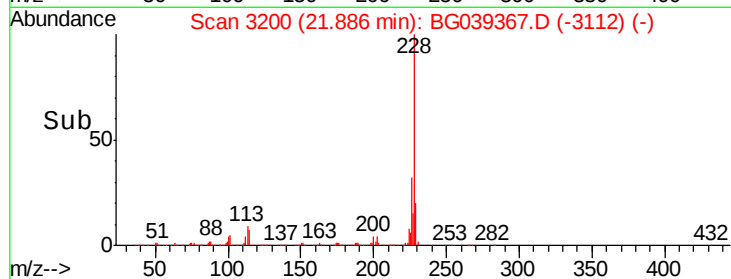
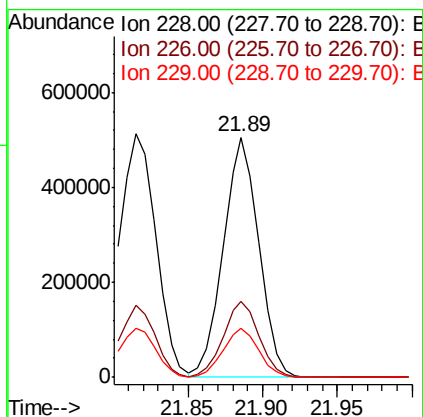
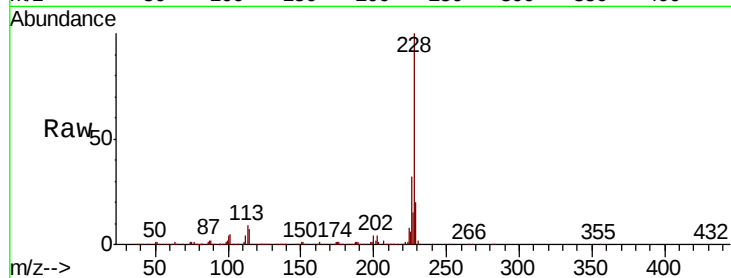




#83  
Chrysene  
Concen: 39.241 ng  
RT: 21.89 min Scan# 3200  
Delta R.T. -0.01 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

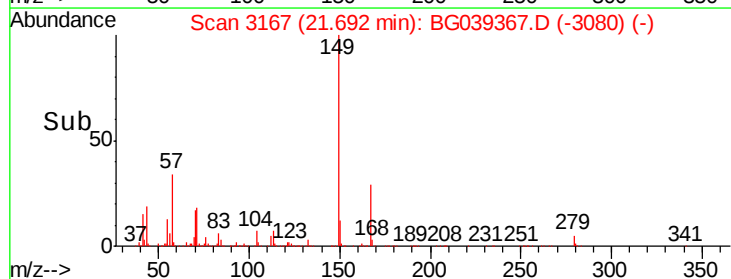
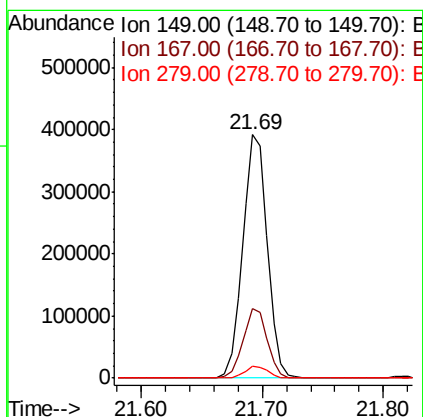
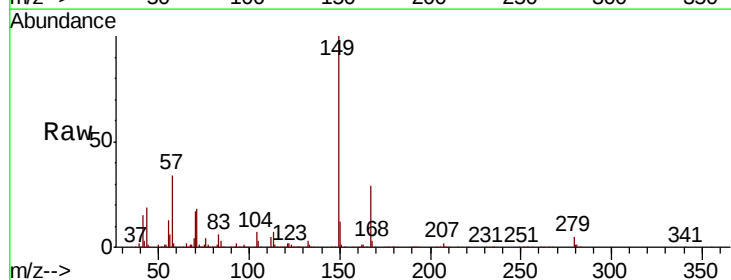
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

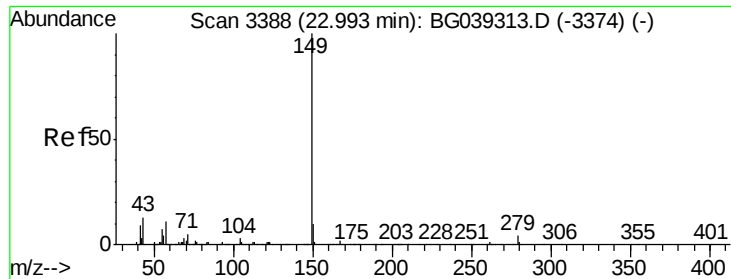
Tgt Ion: 228 Resp: 836670  
Ion Ratio Lower Upper  
228 100  
226 31.6 25.8 38.6  
229 20.5 16.6 25.0



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 39.063 ng  
RT: 21.69 min Scan# 3167  
Delta R.T. -0.02 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

Tgt Ion: 149 Resp: 554727  
Ion Ratio Lower Upper  
149 100  
167 28.7 22.6 34.0  
279 4.8 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 39.068 ng

RT: 22.97 min Scan# 3384

Delta R.T. -0.03 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

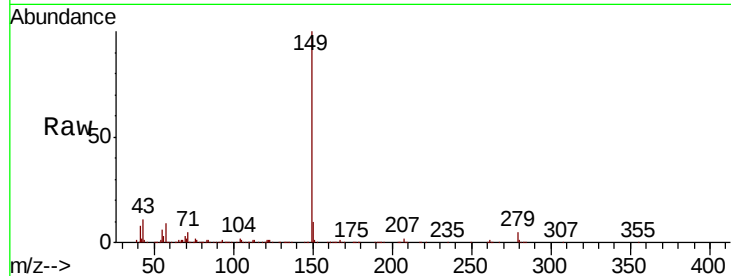
Tgt Ion:149 Resp: 916591

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

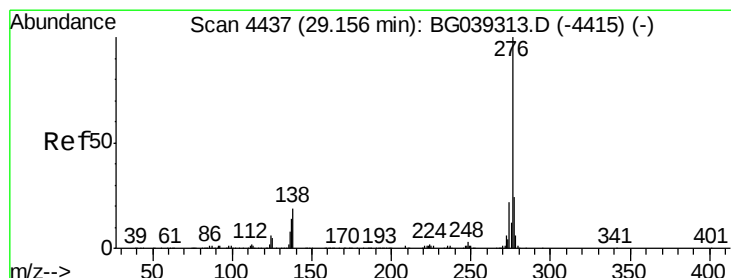
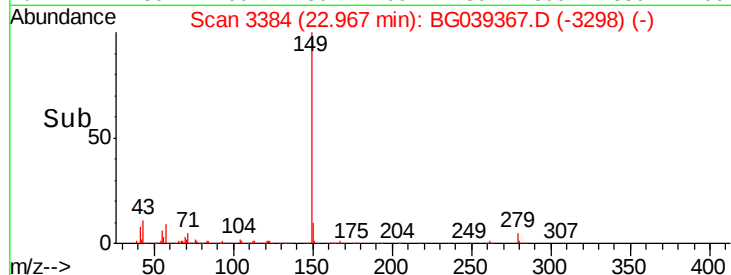
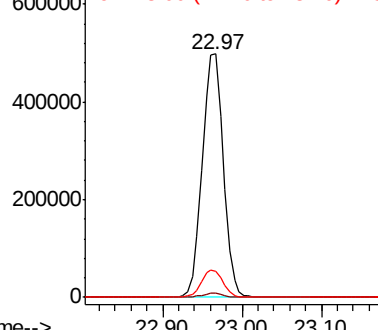
43 11.5 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.572 ng

RT: 29.12 min Scan# 4432

Delta R.T. -0.03 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

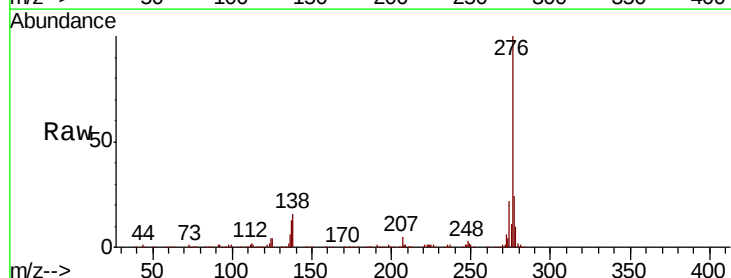
Tgt Ion:276 Resp: 973871

Ion Ratio Lower Upper

276 100

138 15.8 12.6 19.0

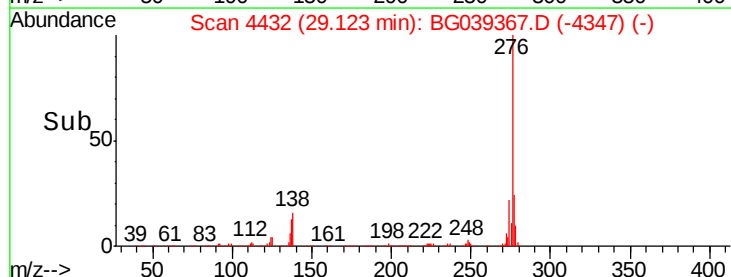
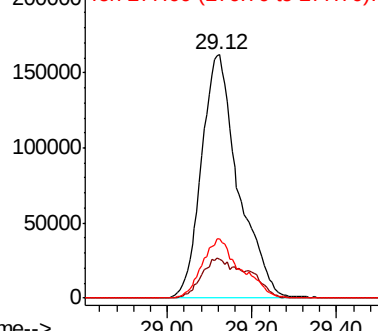
277 25.6 20.8 31.2

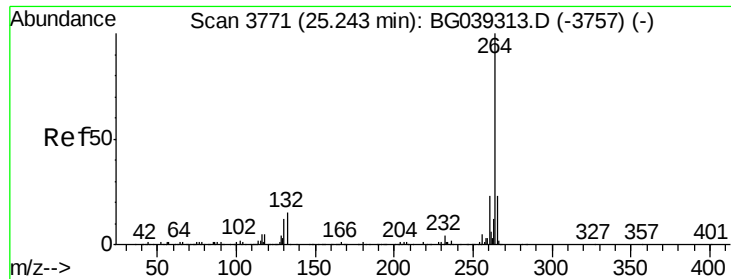


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.22 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

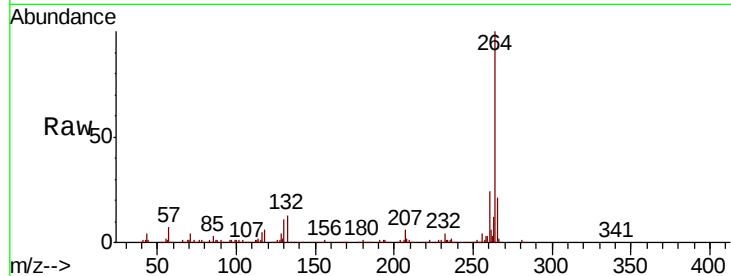
Tgt Ion: 264 Resp: 395933

Ion Ratio Lower Upper

264 100

260 24.5 18.2 27.4

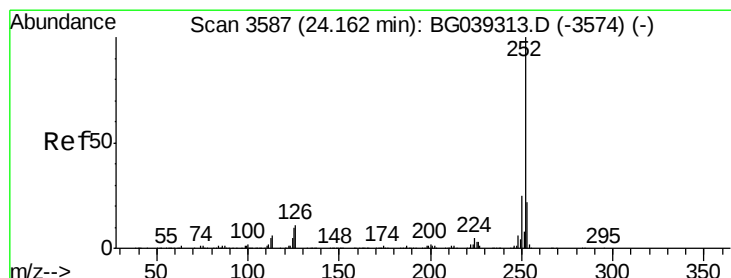
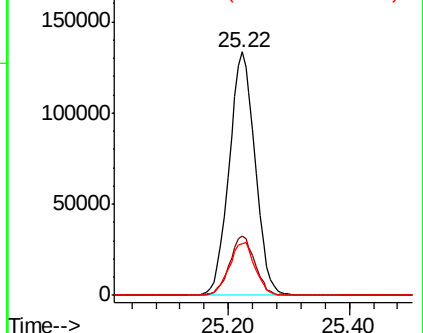
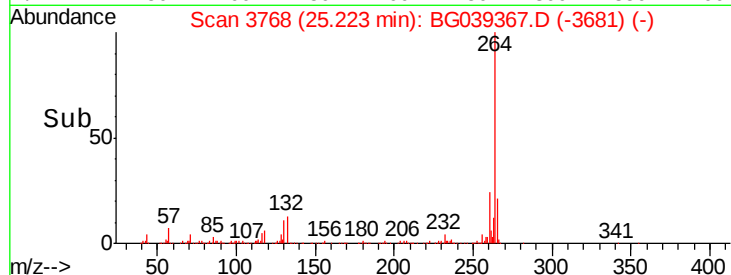
265 21.0 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 38.985 ng

RT: 24.14 min Scan# 3584

Delta R.T. -0.02 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

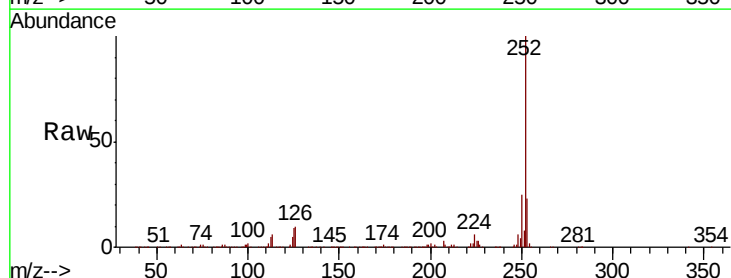
Tgt Ion: 252 Resp: 841772

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

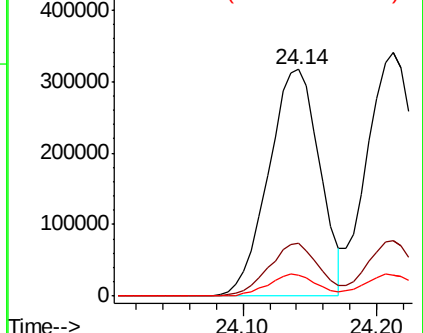
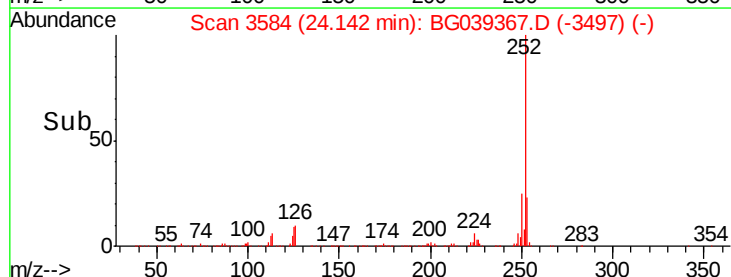
125 9.2 7.8 11.6

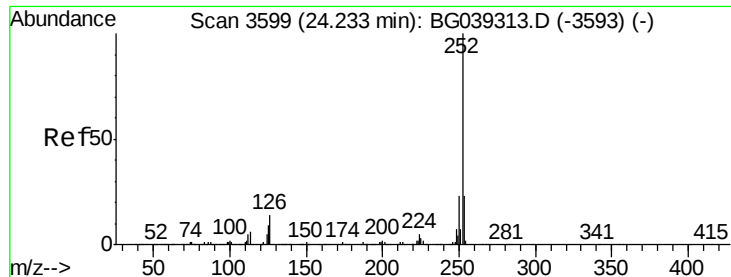


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

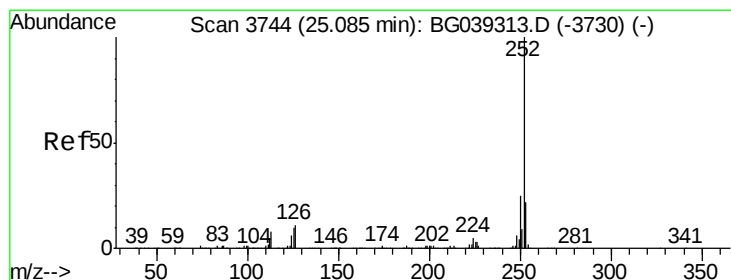
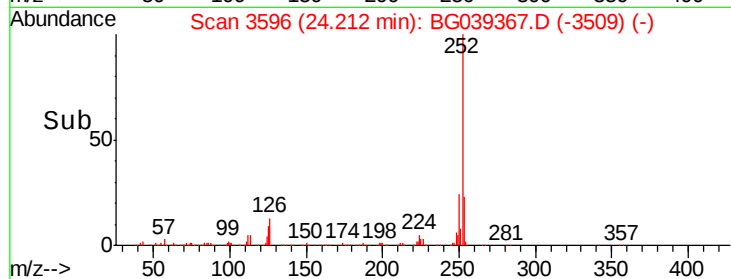
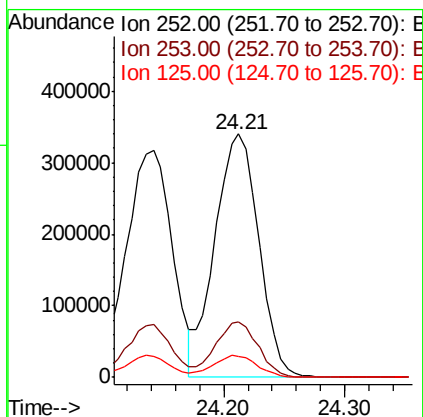
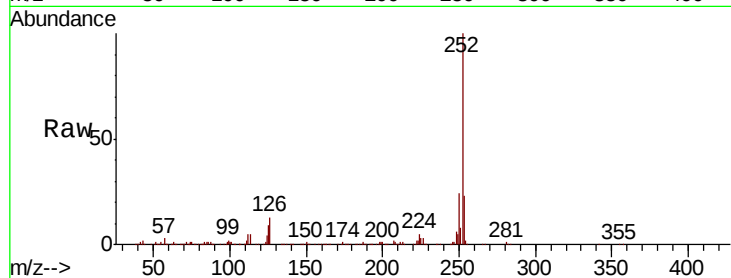




#89  
Benzo(k)fluoranthene  
Concen: 39.493 ng  
RT: 24.21 min Scan# 3596  
Delta R.T. -0.02 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

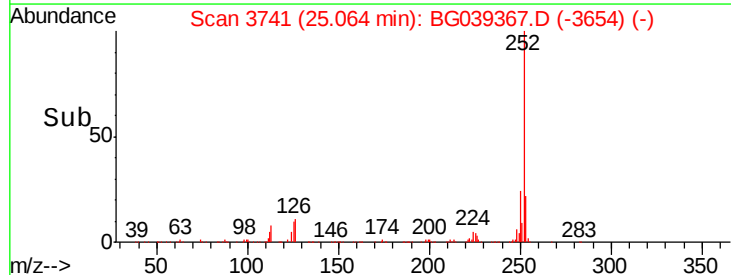
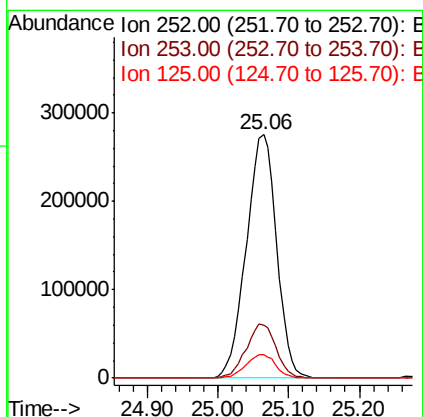
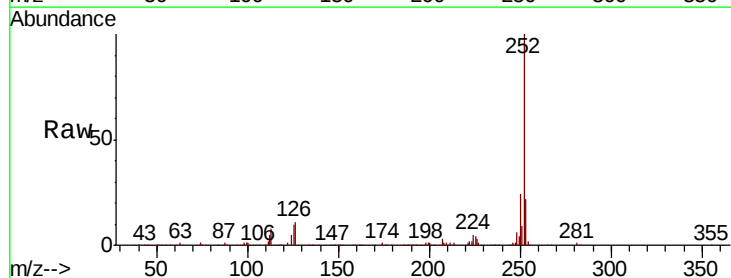
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

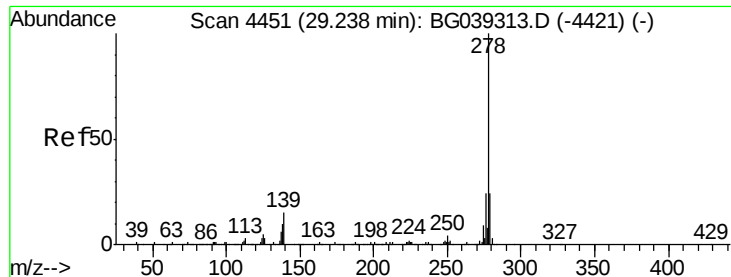
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.7  | 18.2  | 27.2  |
| 125     | 8.7   | 7.4   | 11.2  |



#90  
Benzo(a)pyrene  
Concen: 39.722 ng  
RT: 25.06 min Scan# 3741  
Delta R.T. -0.02 min  
Lab File: BG039367.D  
Acq: 6 Feb 2019 12:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 21.7  | 17.9  | 26.9  |
| 125     | 9.6   | 8.3   | 12.5  |





#91

Dibenzo(a,h)anthracene

Concen: 40.649 ng

RT: 29.19 min Scan# 4443

Delta R.T. -0.05 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

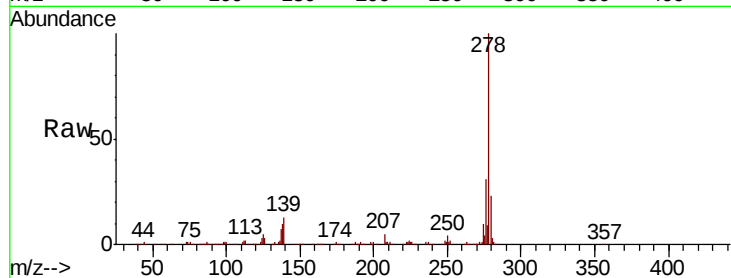
Tgt Ion:278 Resp: 791625

Ion Ratio Lower Upper

278 100

139 13.4 11.7 17.5

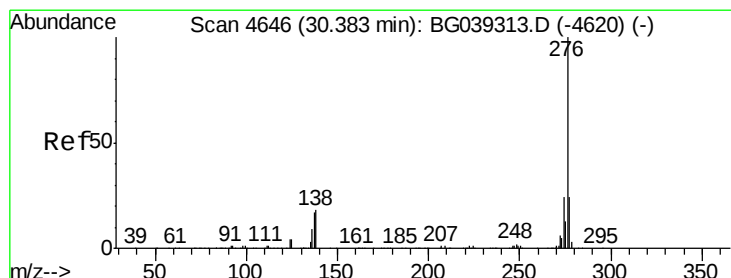
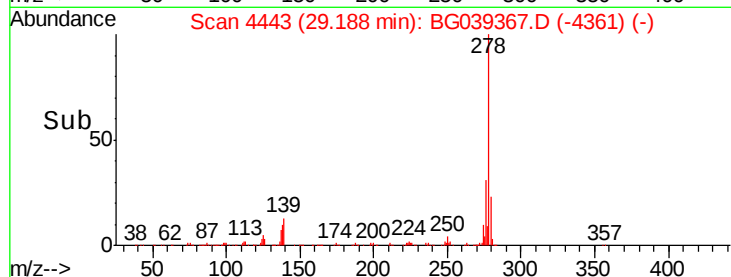
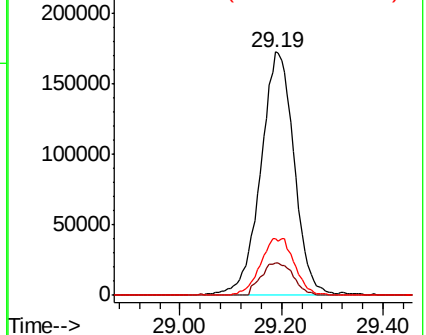
279 23.3 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.082 ng

RT: 30.34 min Scan# 4640

Delta R.T. -0.04 min

Lab File: BG039367.D

Acq: 6 Feb 2019 12:42

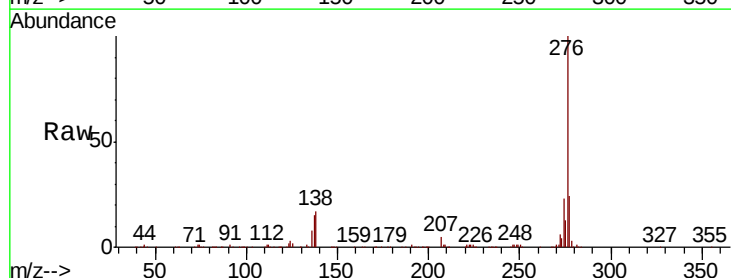
Tgt Ion:276 Resp: 797445

Ion Ratio Lower Upper

276 100

277 24.5 19.6 29.4

138 16.6 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

