

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\  
 Data File : BG042817.D  
 Acq On : 13 Sep 2019 15:22  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 13 15:58:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 12 14:06:09 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.12  | 152  | 81697    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.92 | 136  | 326726   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.74 | 164  | 225891   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.48 | 188  | 538501   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.75 | 240  | 532324   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 25.02 | 264  | 596378   | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.68  | 112 | 376014  | 80.02 | ng | 0.00 |
| 7) Phenol-d6             | 7.26  | 99  | 539767  | 80.03 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.27  | 82  | 533029  | 84.94 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.22 | 330 | 243407  | 80.99 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.36 | 172 | 1147943 | 80.44 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.08 | 244 | 1990703 | 82.88 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.59  | 88  | 84368  | 39.340 | ng | 97     |
| 3) Pyridine                    | 3.98  | 79  | 263172 | 40.757 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.89  | 42  | 129489 | 41.213 | ng | 94     |
| 6) Aniline                     | 7.43  | 93  | 363247 | 39.917 | ng | 97     |
| 8) 2-Chlorophenol              | 7.68  | 128 | 198566 | 39.092 | ng | 99     |
| 9) Benzaldehyde                | 7.25  | 77  | 169488 | 38.615 | ng | 98     |
| 10) Phenol                     | 7.29  | 94  | 274335 | 39.661 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.53  | 93  | 203573 | 38.348 | ng | 96     |
| 12) 1,3-Dichlorobenzene        | 8.01  | 146 | 240676 | 38.847 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.15  | 146 | 241653 | 38.959 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.47  | 146 | 228142 | 38.639 | ng | 98     |
| 15) Benzyl Alcohol             | 8.35  | 79  | 227736 | 39.344 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.65  | 45  | 466702 | 40.034 | ng | 97     |
| 17) 2-Methylphenol             | 8.55  | 107 | 180248 | 38.950 | ng | 95     |
| 18) Hexachloroethane           | 9.21  | 117 | 89633  | 39.141 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.92  | 70  | 198504 | 39.940 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.87  | 107 | 251686 | 39.455 | ng | 96     |
| 22) Acetophenone               | 8.93  | 105 | 329517 | 39.934 | ng | # 97   |
| 24) Nitrobenzene               | 9.32  | 77  | 271409 | 41.202 | ng | 98     |
| 25) Isophorone                 | 9.84  | 82  | 526714 | 40.265 | ng | 98     |
| 26) 2-Nitrophenol              | 10.03 | 139 | 109797 | 42.388 | ng | 92     |
| 27) 2,4-Dimethylphenol         | 10.08 | 122 | 179608 | 39.199 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.33 | 93  | 289146 | 39.636 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.56 | 162 | 217758 | 40.897 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.79 | 180 | 259421 | 39.906 | ng | 99     |
| 31) Naphthalene                | 10.98 | 128 | 655039 | 40.606 | ng | 99     |
| 32) Benzoic acid               | 10.20 | 122 | 122181 | 34.836 | ng | 97     |
| 33) 4-Chloroaniline            | 11.07 | 127 | 304500 | 40.385 | ng | 97     |
| 34) Hexachlorobutadiene        | 11.27 | 225 | 180673 | 39.667 | ng | 99     |
| 35) Caprolactam                | 11.84 | 113 | 80344  | 40.577 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 12.18 | 107 | 237662 | 41.109 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.58 | 142 | 486888 | 40.292 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.79 | 142 | 460182 | 40.603 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.94 | 216 | 295423 | 39.577 | ng | 99     |

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 Data File : BG042817.D  
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 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

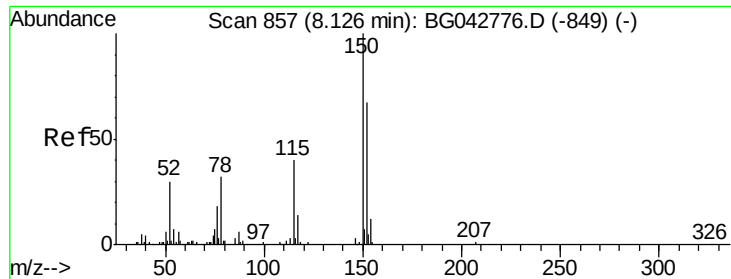
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Sep 13 15:58:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 12 14:06:09 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.93 | 237  | 175620   | 41.069 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 13.17 | 196  | 201148   | 40.477 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.24 | 196  | 206723   | 40.612 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.57 | 154  | 636757   | 40.266 | ng    | 97       |
| 47) 2-Chloronaphthalene        | 13.62 | 162  | 526069   | 40.215 | ng    | 100      |
| 48) 2-Nitroaniline             | 13.80 | 65   | 203042   | 44.743 | ng    | 97       |
| 49) Acenaphthylene             | 14.46 | 152  | 815119   | 40.775 | ng    | 97       |
| 50) Dimethylphthalate          | 14.19 | 163  | 683826   | 40.410 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.30 | 165  | 148778   | 42.848 | ng    | 94       |
| 52) Acenaphthene               | 14.80 | 154  | 510438   | 39.084 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.63 | 138  | 163619   | 41.986 | ng    | # 96     |
| 54) 2,4-Dinitrophenol          | 14.82 | 184  | 33252    | 19.453 | ng    | # 1      |
| 55) Dibenzofuran               | 15.13 | 168  | 785907   | 40.485 | ng    | 97       |
| 56) 4-Nitrophenol              | 14.91 | 139  | 121580   | 40.350 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.08 | 165  | 202980   | 43.857 | ng    | 99       |
| 58) Fluorene                   | 15.78 | 166  | 651727   | 40.510 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.36 | 232  | 208334   | 42.221 | ng    | 99       |
| 60) Diethylphthalate           | 15.55 | 149  | 696314   | 40.537 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.77 | 204  | 383960   | 40.364 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.78 | 138  | 175640   | 41.814 | ng    | 94       |
| 63) Azobenzene                 | 16.07 | 77   | 680405   | 41.134 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.84 | 198  | 68304    | 29.644 | ng    | 93       |
| 66) n-Nitrosodiphenylamine     | 15.98 | 169  | 584073   | 40.307 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.67 | 248  | 259533   | 39.819 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.79 | 284  | 274905   | 39.472 | ng    | 97       |
| 69) Atrazine                   | 16.92 | 200  | 175748   | 34.828 | ng    | 97       |
| 70) Pentachlorophenol          | 17.12 | 266  | 188315   | 45.580 | ng    | 92       |
| 71) Phenanthrene               | 17.52 | 178  | 1050118  | 40.776 | ng    | 99       |
| 72) Anthracene                 | 17.61 | 178  | 1045536  | 40.637 | ng    | 100      |
| 73) Carbazole                  | 17.87 | 167  | 985972   | 40.319 | ng    | 97       |
| 74) Di-n-butylphthalate        | 18.44 | 149  | 1182262  | 40.359 | ng    | 99       |
| 75) Fluoranthene               | 19.52 | 202  | 1359197  | 40.723 | ng    | 99       |
| 77) Benzidine                  | 19.69 | 184  | 577193   | 38.809 | ng    | 99       |
| 78) Pyrene                     | 19.89 | 202  | 1357348  | 40.728 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.77 | 149  | 552423   | 40.957 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.74 | 228  | 1370811  | 40.501 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.64 | 252  | 522827   | 39.749 | ng    | 98       |
| 83) Chrysene                   | 21.80 | 228  | 1292213  | 40.306 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.65 | 149  | 749540   | 40.671 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.89 | 149  | 1279582  | 40.728 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.75 | 276  | 1601482  | 40.338 | ng    | # 93     |
| 88) Benzo(b)fluoranthene       | 23.99 | 252  | 1411956  | 40.321 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.06 | 252  | 1335730  | 40.380 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.87 | 252  | 1324675  | 40.399 | ng    | 100      |
| 91) Dibenzo(a,h)anthracene     | 28.83 | 278  | 1310764  | 40.644 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 29.93 | 276  | 1260813  | 40.081 | ng    | 96       |

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



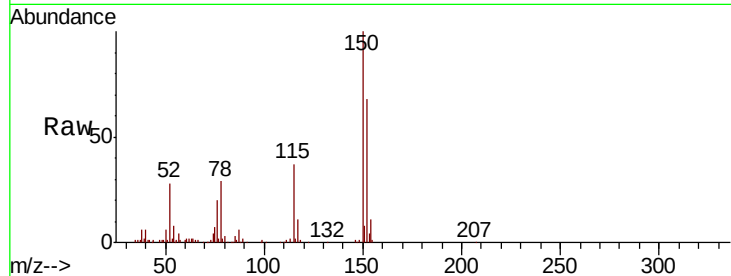


#1

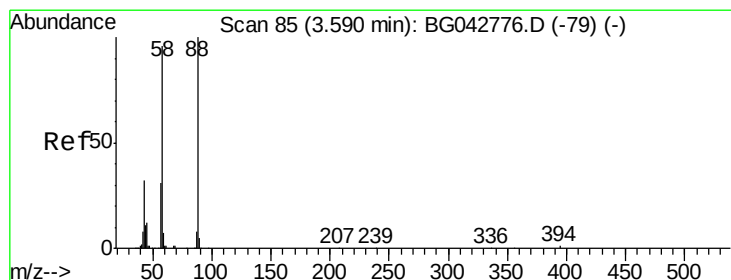
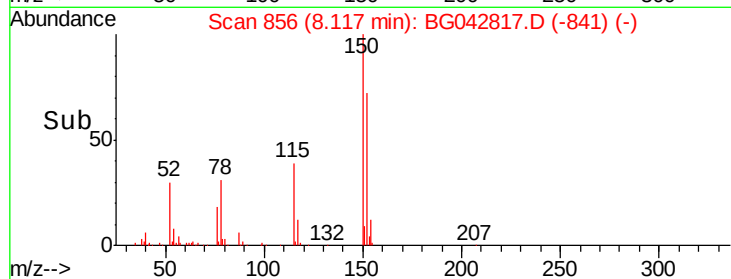
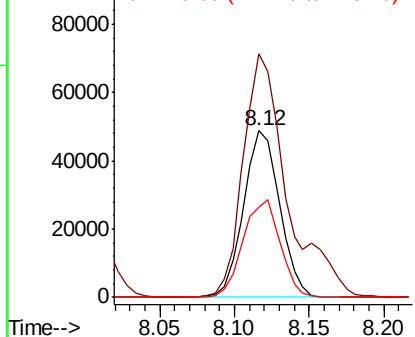
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.12 min Scan# 856  
 Delta R.T. -0.01 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 146.1 | 118.9 | 178.3 |
| 115     | 53.9  | 47.4  | 71.2  |



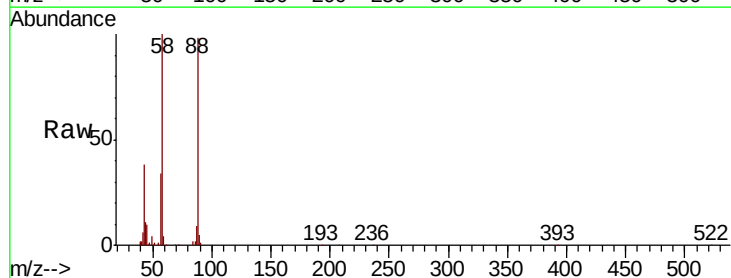
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



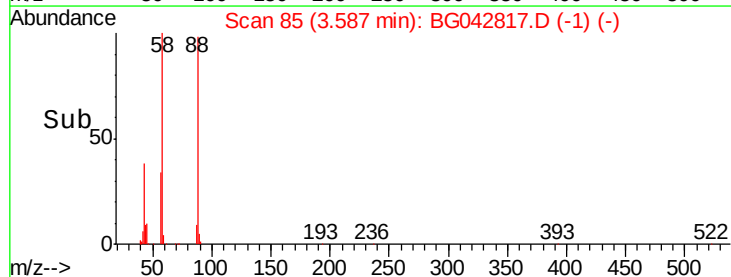
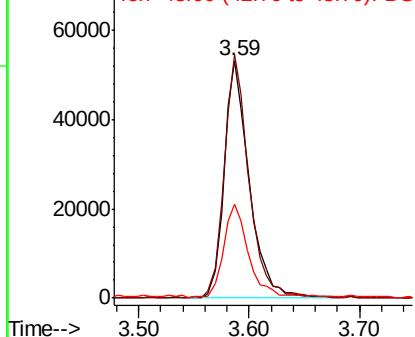
#2

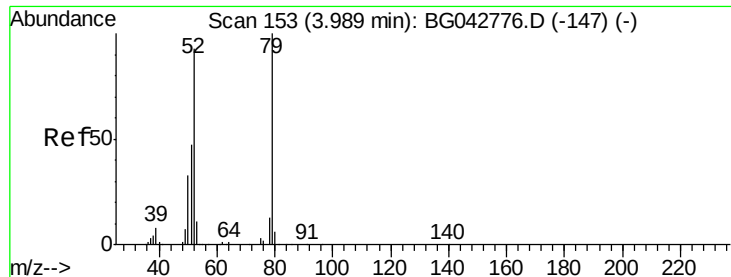
1,4-Dioxane  
 Concen: 39.340 ng  
 RT: 3.59 min Scan# 85  
 Delta R.T. -0.00 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 101.5 | 79.1  | 118.7 |
| 43      | 39.5  | 30.4  | 45.6  |



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





#3

Pvridine

Concen: 40.757 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

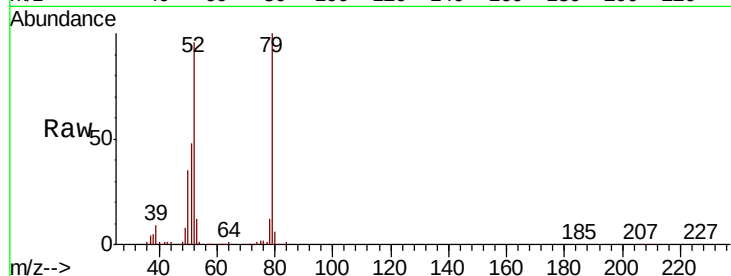
Tot Ion: 79 Resp: 263172

Ion Ratio Lower Upper

79 100

52 96.1 74.0 111.0

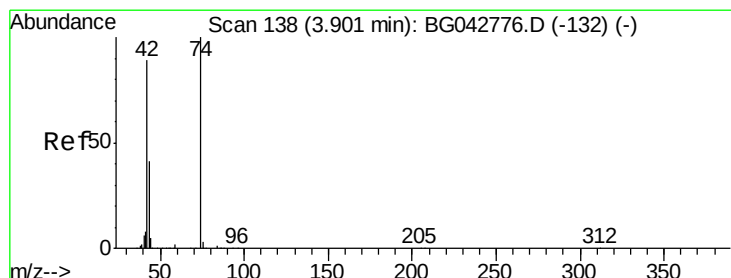
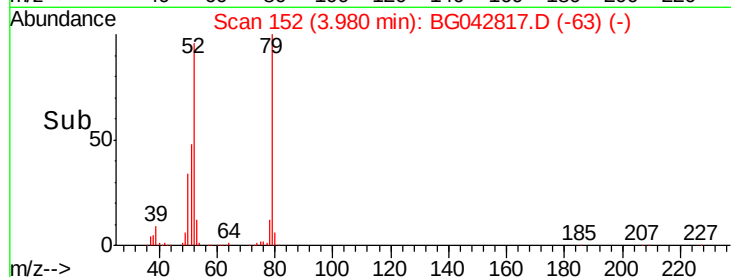
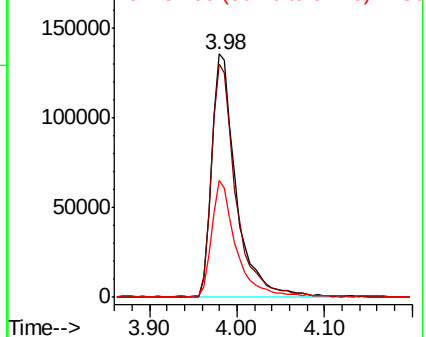
51 48.2 37.5 56.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.213 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

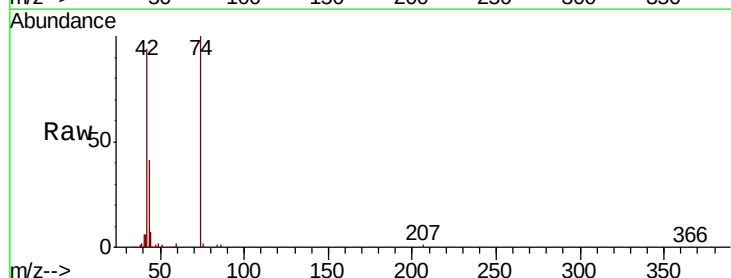
Tgt Ion: 42 Resp: 129489

Ion Ratio Lower Upper

42 100

74 106.1 90.2 135.2

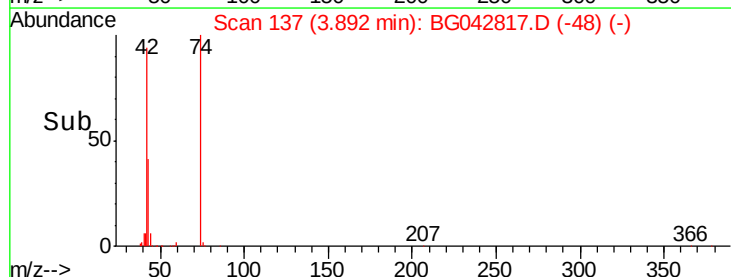
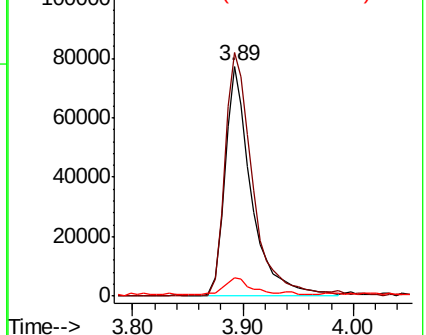
44 7.7 6.6 9.8

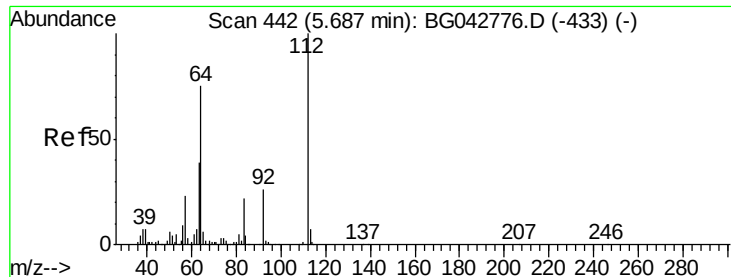


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 80.017 ng

RT: 5.68 min Scan# 441

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

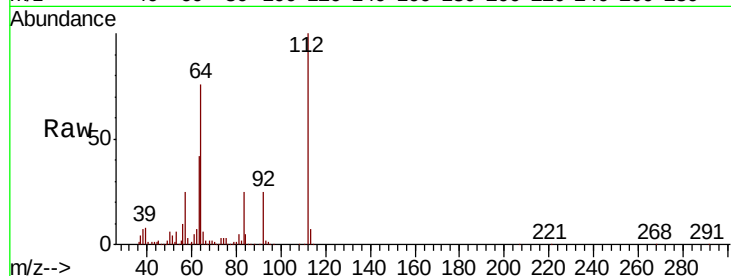
Tot Ion: 112 Resp: 376014

Ion Ratio Lower Upper

112 100

64 75.8 60.2 90.2

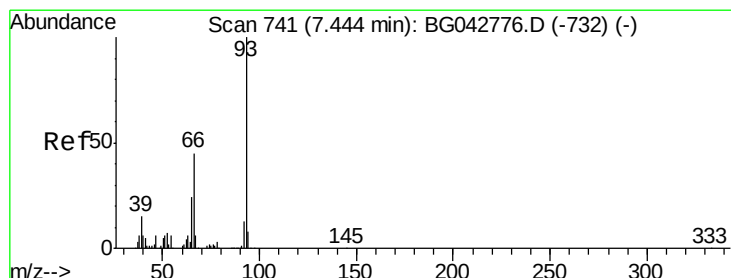
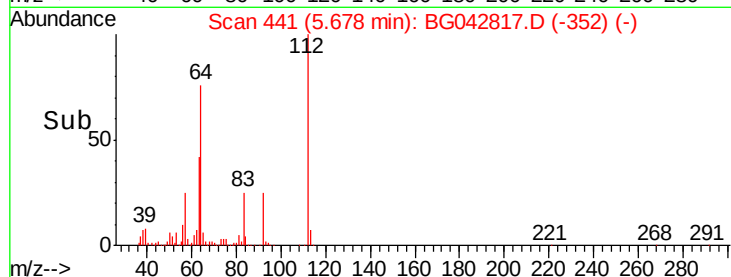
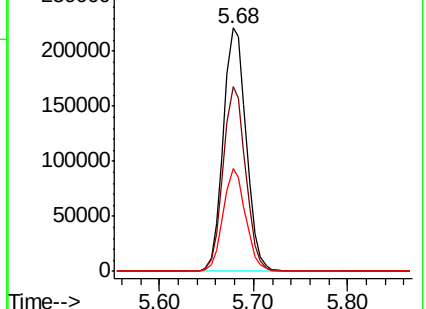
63 42.3 31.2 46.8



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: 39.917 ng

RT: 7.43 min Scan# 740

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

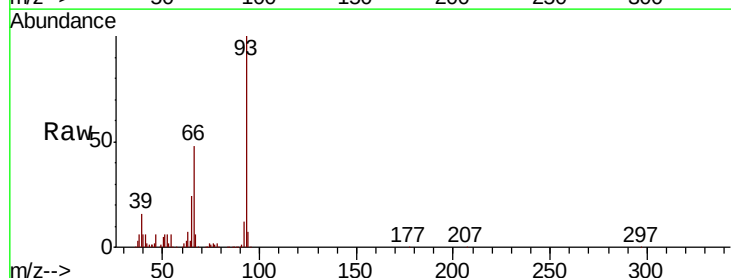
Tgt Ion: 93 Resp: 363247

Ion Ratio Lower Upper

93 100

66 48.1 36.3 54.5

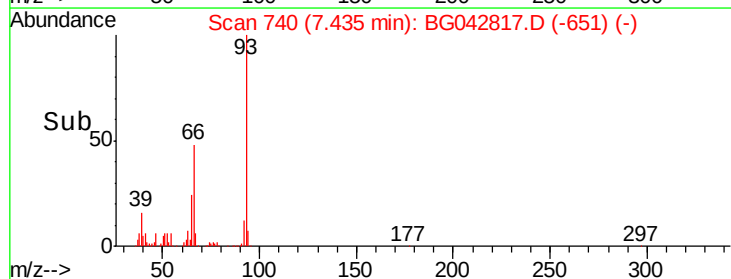
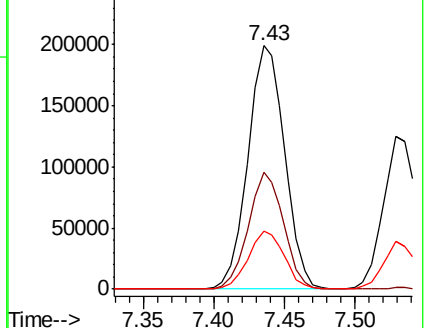
65 23.7 19.3 28.9

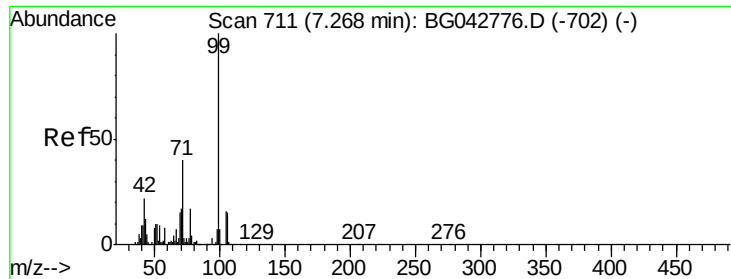


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.026 ng

RT: 7.26 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

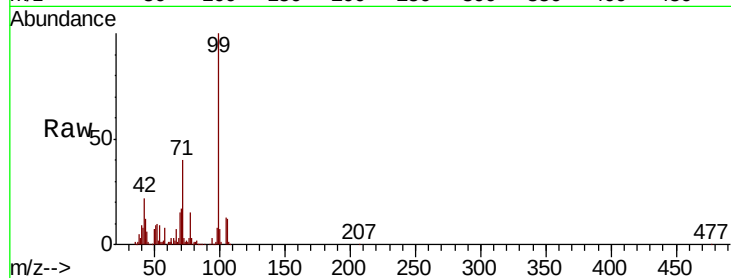
Tot Ion: 99 Resp: 539767

Ion Ratio Lower Upper

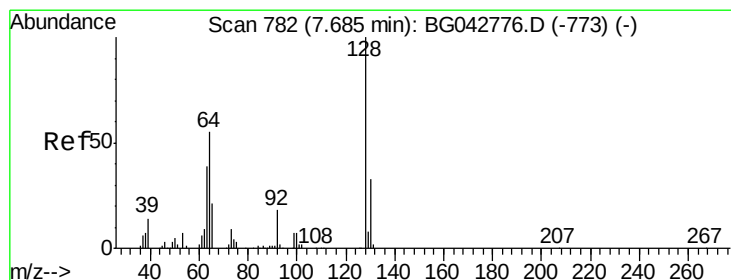
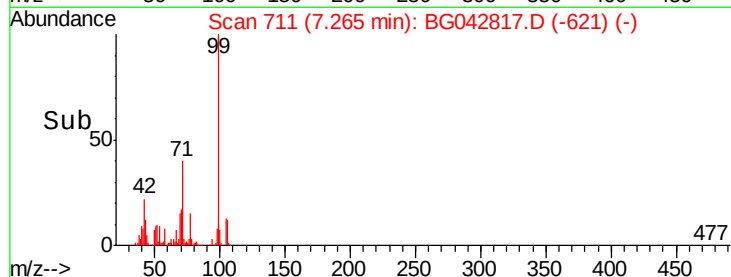
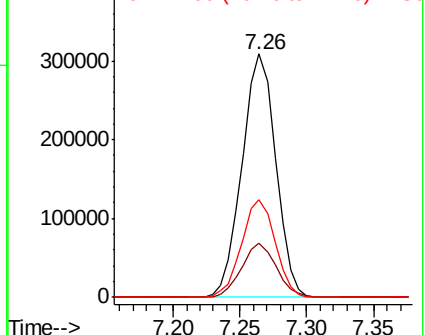
99 100

42 22.4 17.5 26.3

71 39.9 32.0 48.0



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: 39.092 ng

RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

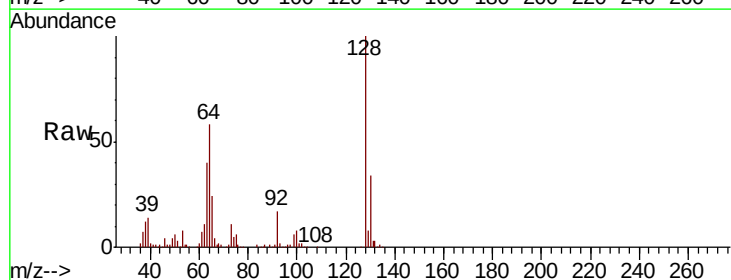
Tgt Ion: 128 Resp: 198566

Ion Ratio Lower Upper

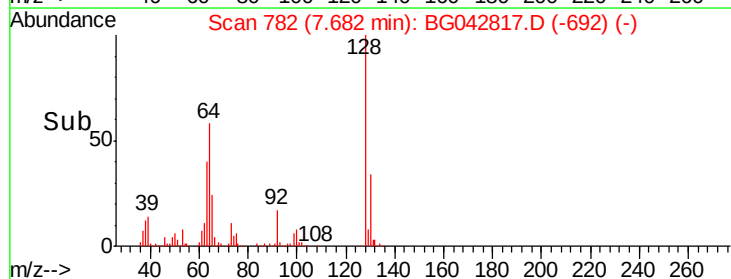
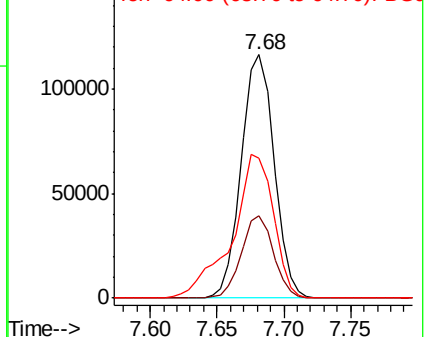
128 100

130 34.0 12.8 52.8

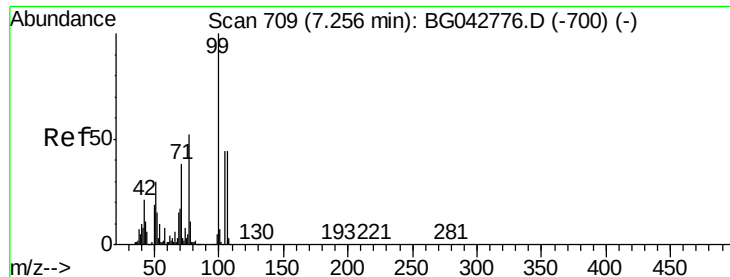
64 57.5 36.8 76.8



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







#9

Benzaldehyde

Concen: 38.615 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

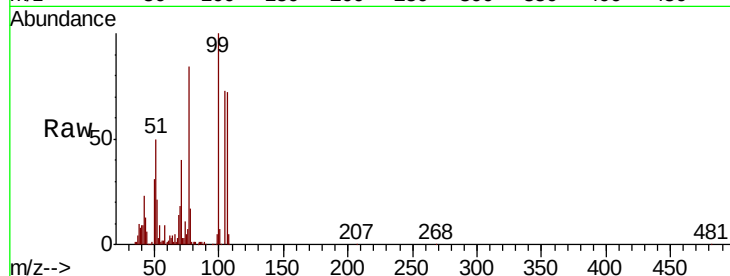
Tot Ion: 77 Resp: 169488

Ion Ratio Lower Upper

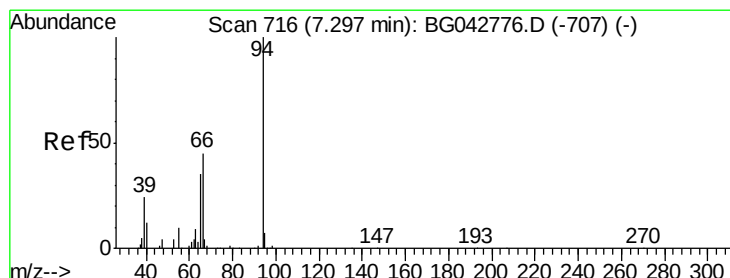
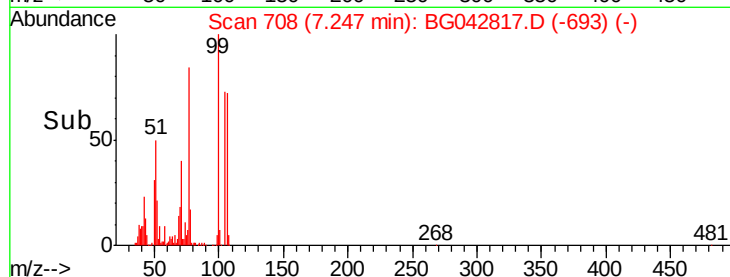
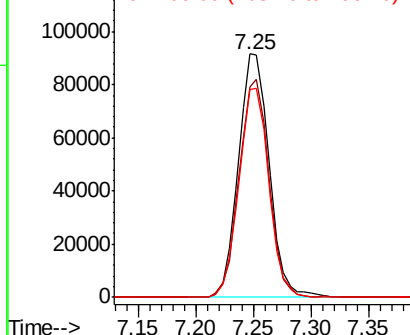
77 100

105 86.4 64.5 104.5

106 85.2 63.4 103.4



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: 39.661 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

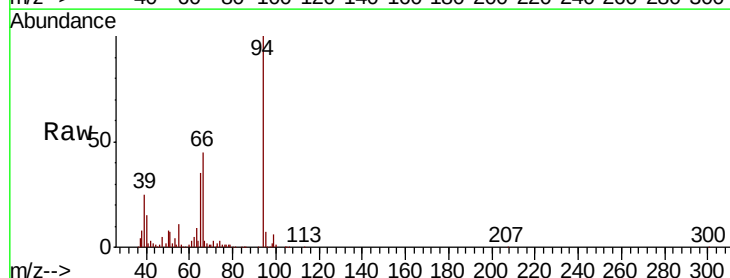
Tgt Ion: 94 Resp: 274335

Ion Ratio Lower Upper

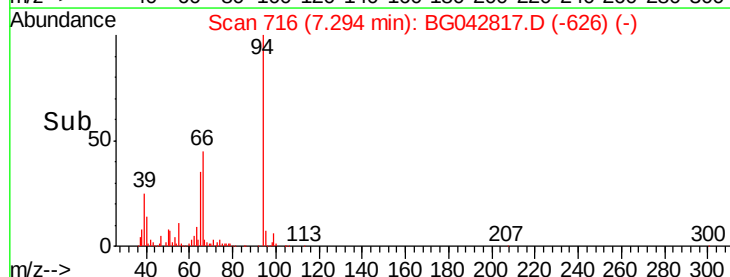
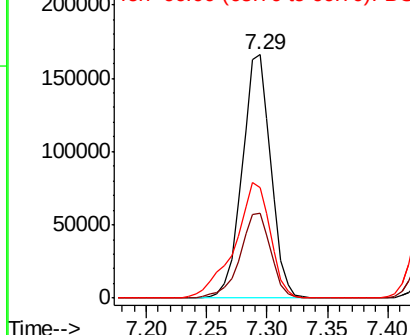
94 100

65 34.7 15.0 55.0

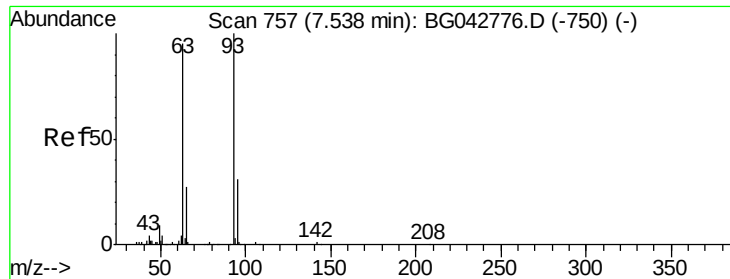
66 45.4 26.1 66.1



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



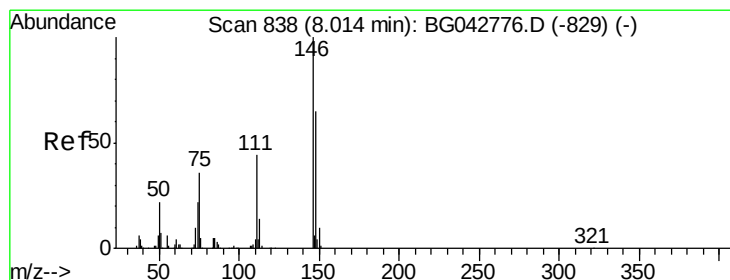
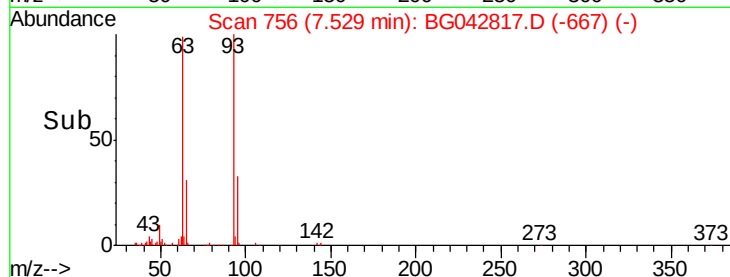
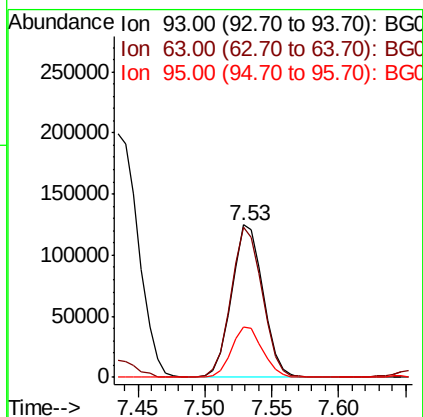
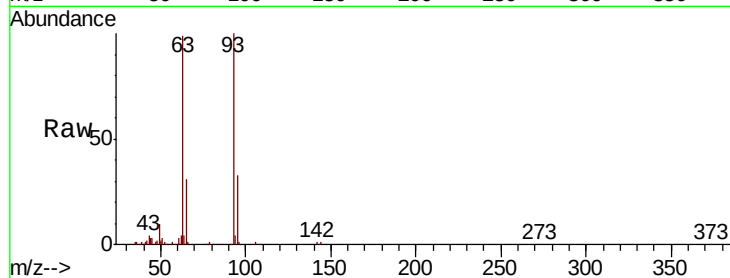




#11  
bis(2-Chloroethyl)ether  
Concen: 38.348 ng  
RT: 7.53 min Scan# 756  
Delta R.T. -0.01 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

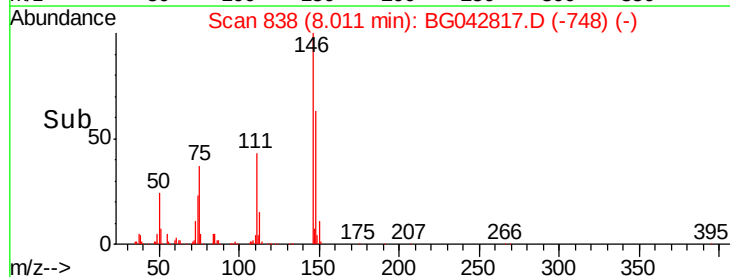
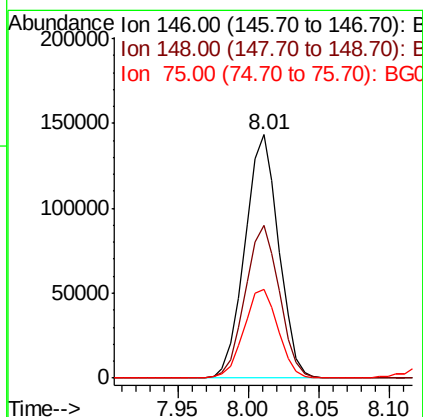
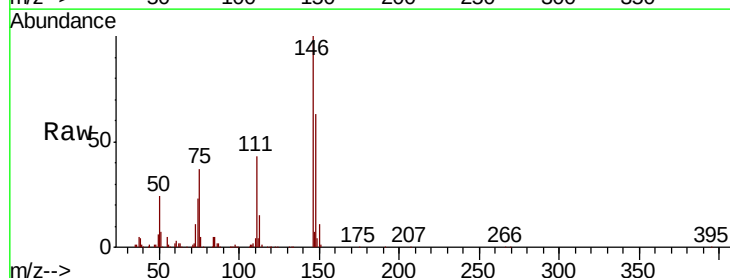
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

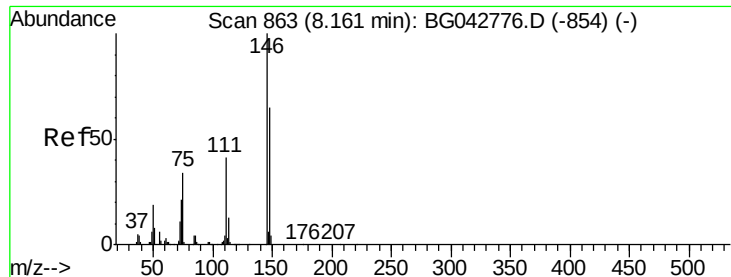
Tot Ion: 93 Resp: 203573  
Ion Ratio Lower Upper  
93 100  
63 98.8 74.7 114.7  
95 32.6 11.1 51.1



#12  
1,3-Dichlorobenzene  
Concen: 38.847 ng  
RT: 8.01 min Scan# 838  
Delta R.T. -0.00 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

Tgt Ion: 146 Resp: 240676  
Ion Ratio Lower Upper  
146 100  
148 62.9 51.9 77.9  
75 36.7 28.4 42.6

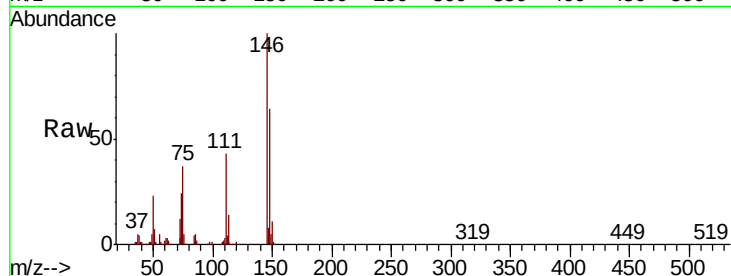




#13  
 1,4-Dichlorobenzene  
 Concen: 38.959 ng  
 RT: 8.15 min Scan# 862  
 Delta R.T. -0.01 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.1  | 52.2  | 78.4  |
| 111     | 42.8  | 32.6  | 49.0  |

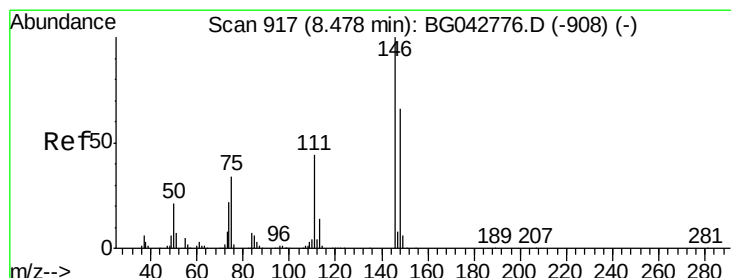
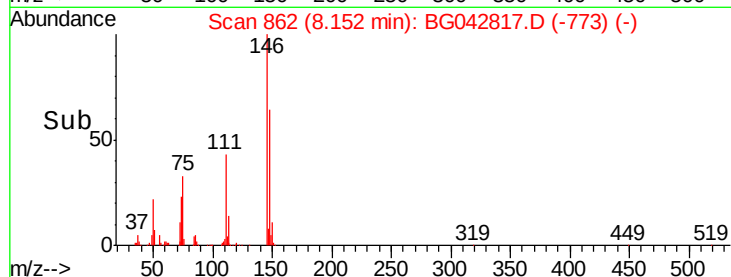
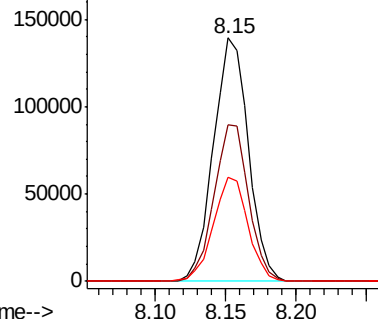


Abundance

Ion 146.00 (145.70 to 146.70): E

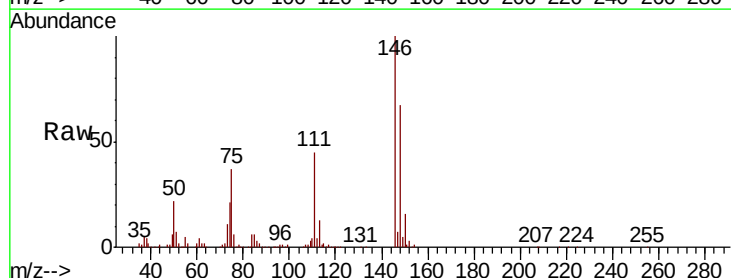
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 38.639 ng  
 RT: 8.47 min Scan# 917  
 Delta R.T. -0.00 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 67.1  | 52.6  | 78.8  |
| 111     | 45.4  | 35.3  | 52.9  |

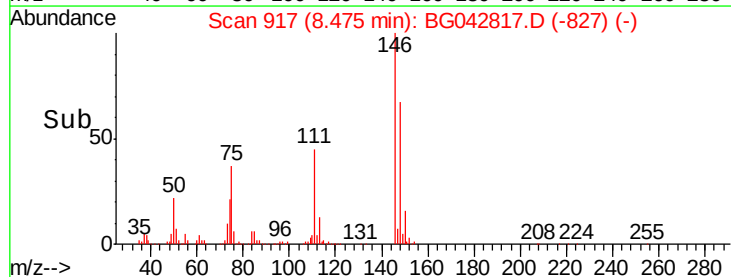
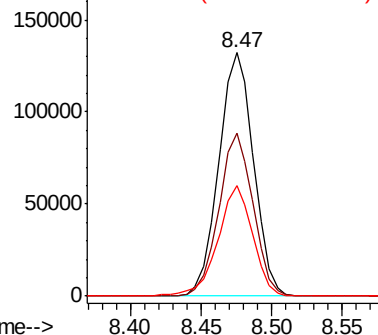


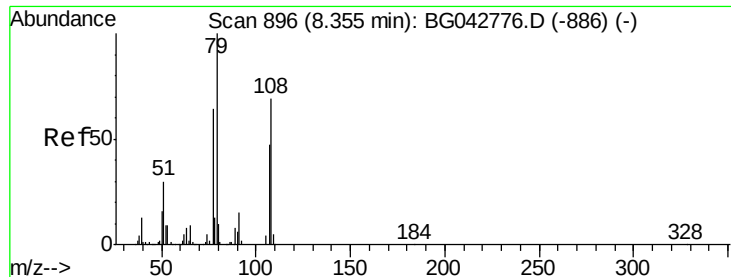
Abundance

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: 39.344 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

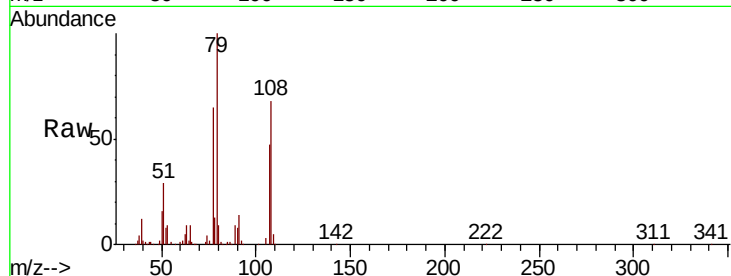
Tot Ion: 79 Resp: 227736

Ion Ratio Lower Upper

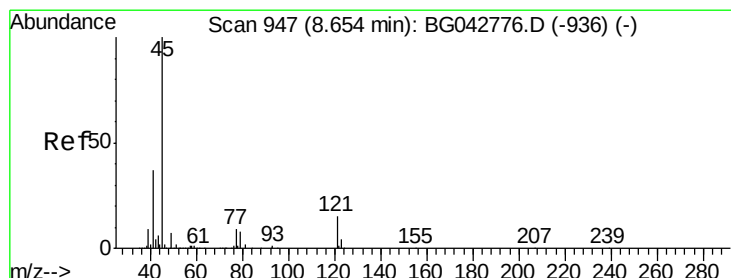
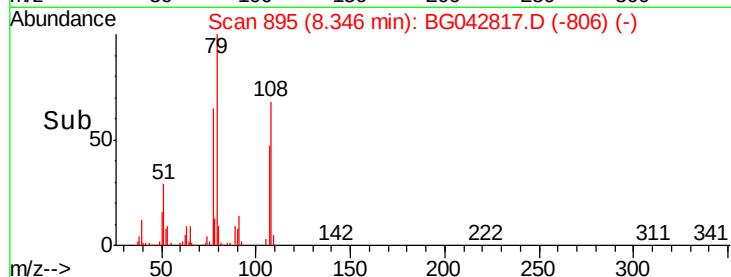
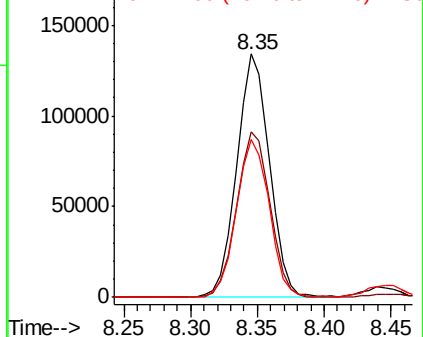
79 100

108 67.8 54.9 82.3

77 65.0 51.0 76.6



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: 40.034 ng

RT: 8.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

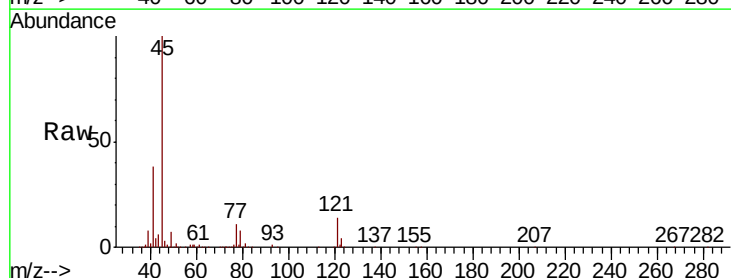
Tgt Ion: 45 Resp: 466702

Ion Ratio Lower Upper

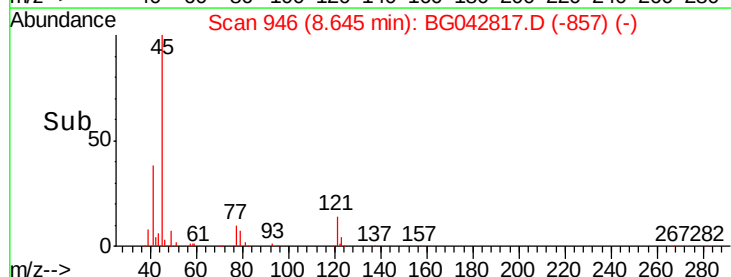
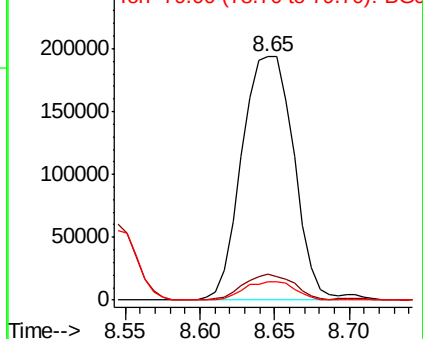
45 100

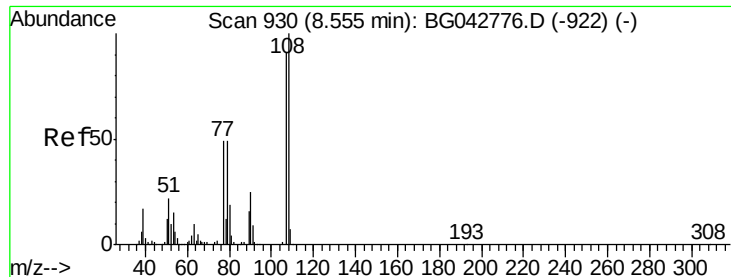
77 10.5 0.0 29.4

79 7.5 0.0 28.4



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: 38.950 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 180248

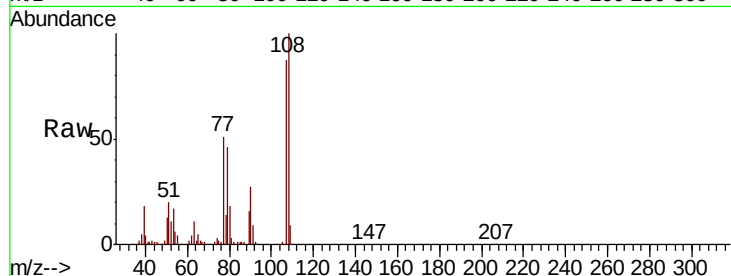
Ion Ratio Lower Upper

107 100

108 114.9 87.7 131.5

77 58.2 42.6 64.0

79 52.9 43.4 65.2

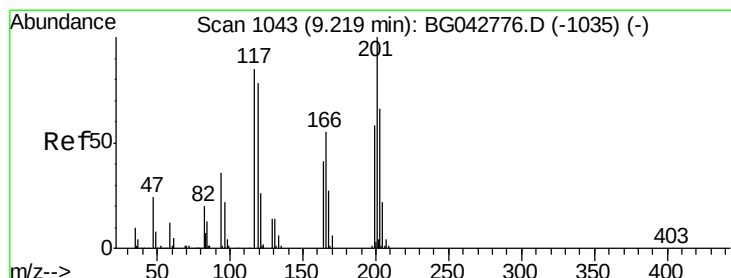
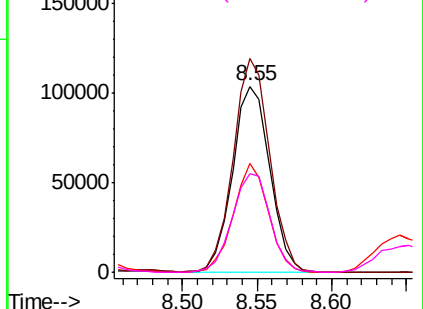
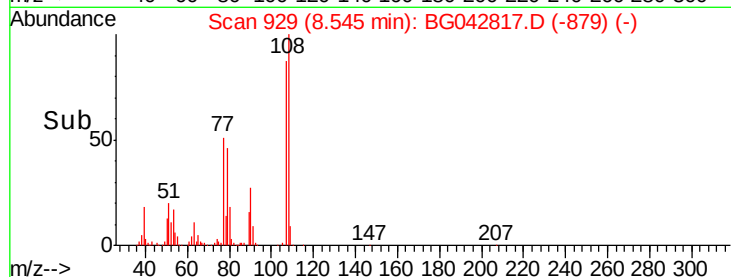


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.141 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

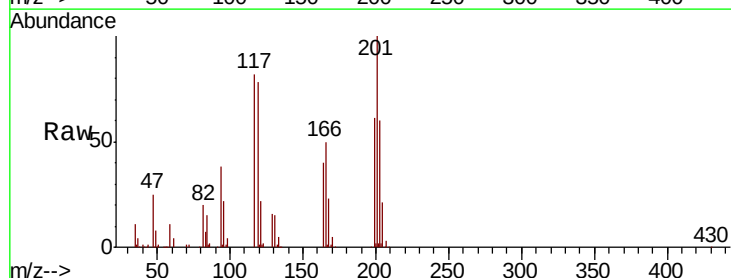
Tgt Ion:117 Resp: 89633

Ion Ratio Lower Upper

117 100

119 94.9 73.8 110.8

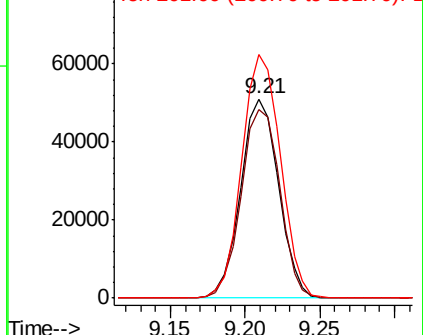
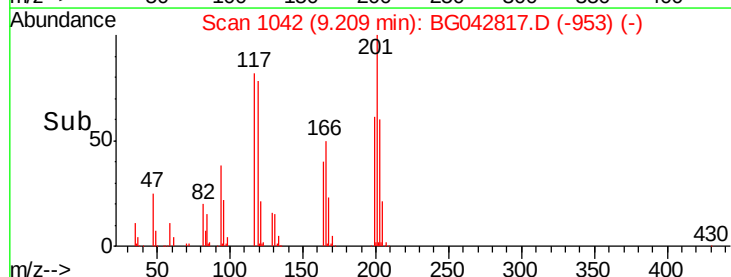
201 122.4 94.6 142.0

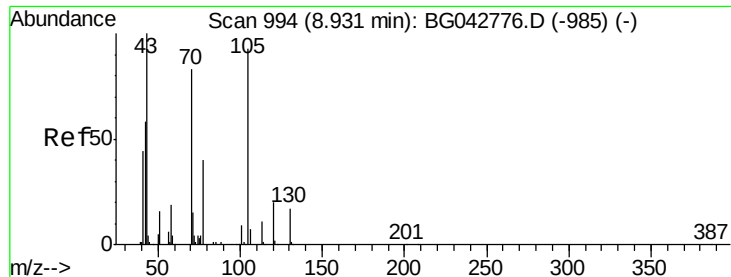


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

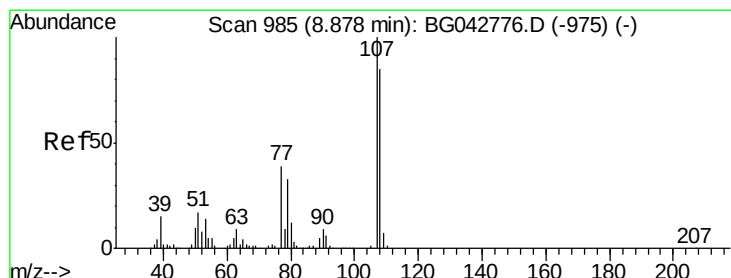
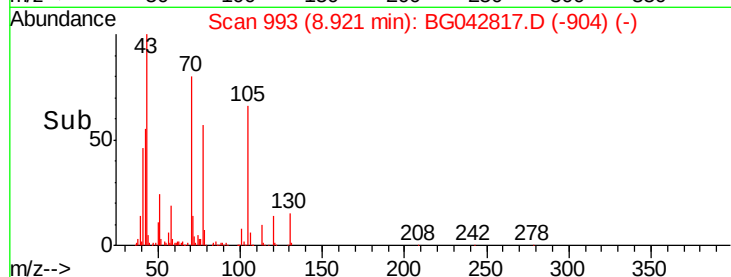
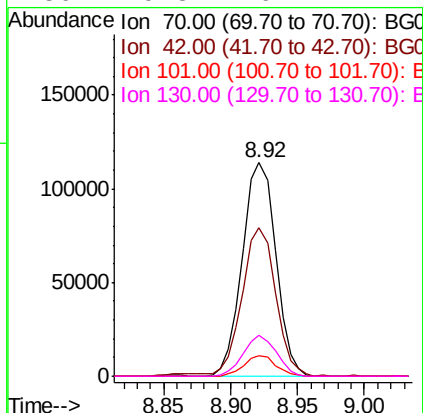
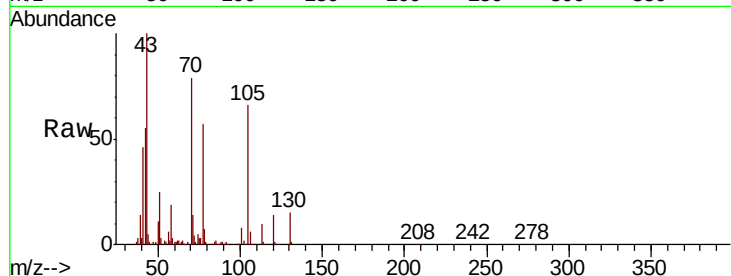




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.940 ng  
RT: 8.92 min Scan# 993  
Delta R.T. -0.01 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

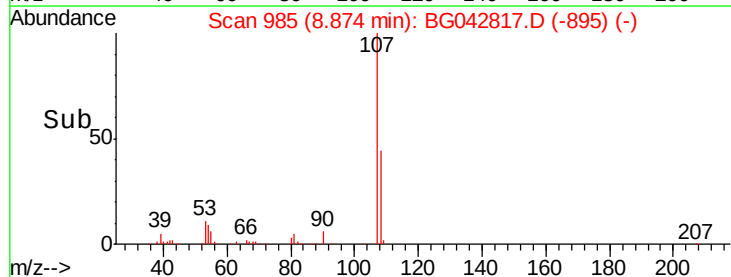
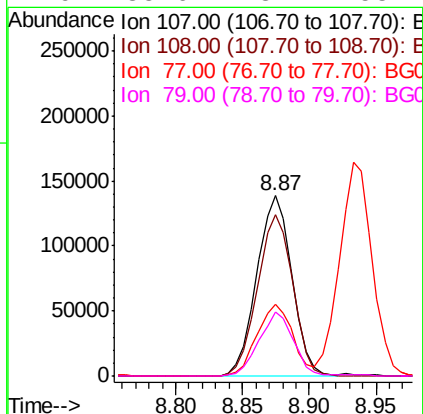
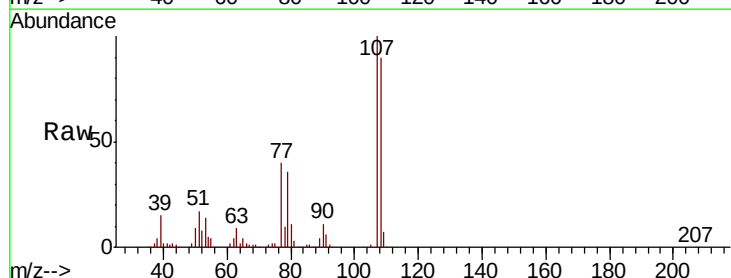
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

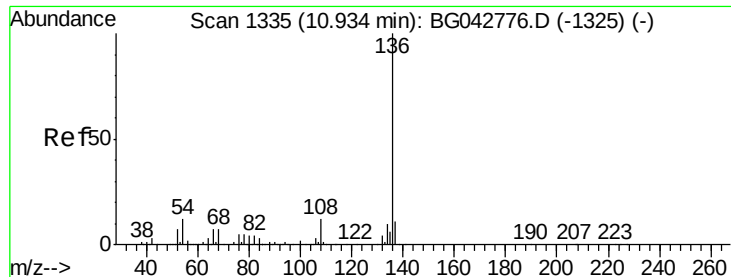
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 198504 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 69.6  | 57.0  | 85.6   |
| 101      | 9.9   | 8.4   | 12.6   |
| 130      | 19.3  | 16.1  | 24.1   |



#20  
3+4-Methylphenols  
Concen: 39.455 ng  
RT: 8.87 min Scan# 985  
Delta R.T. -0.00 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 251686 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.5  | 65.4  | 105.4  |
| 77       | 40.1  | 18.7  | 58.7   |
| 79       | 35.6  | 13.7  | 53.7   |

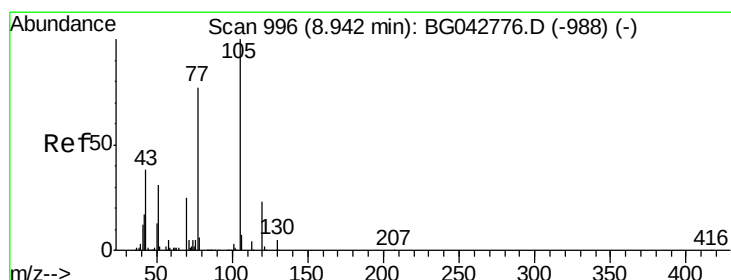
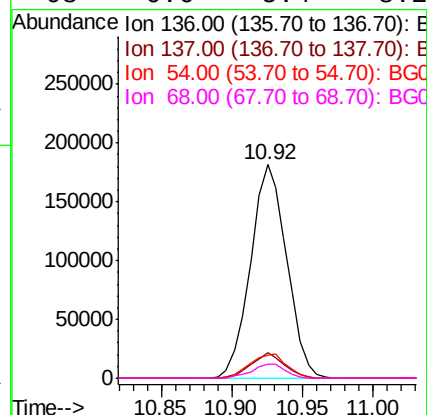
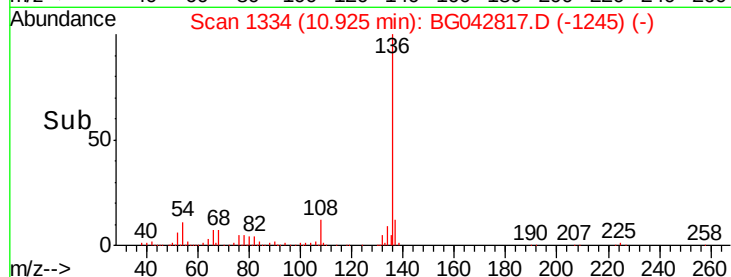
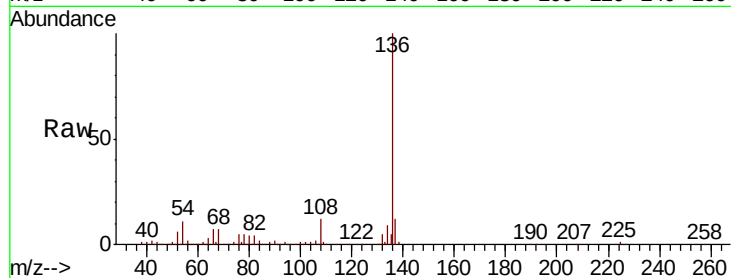




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.92 min Scan# 1334  
Delta R.T. -0.01 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

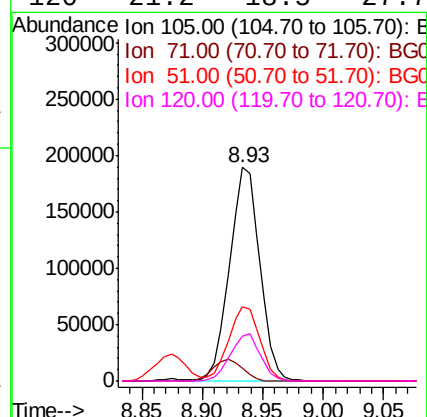
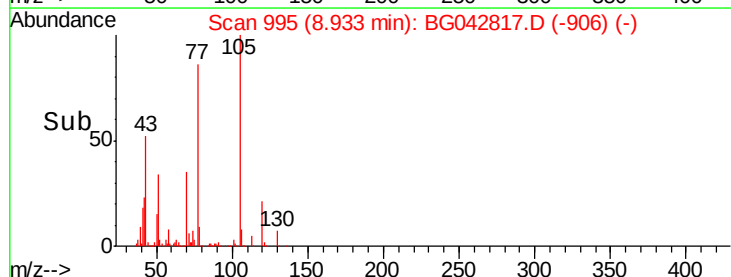
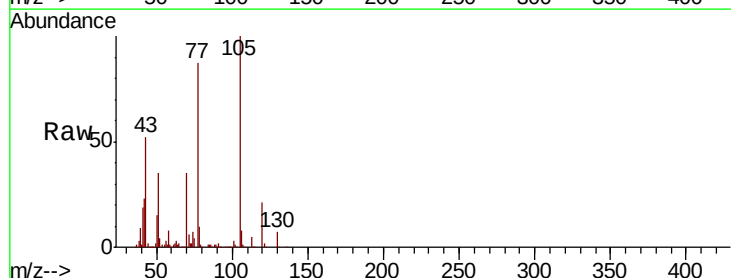
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

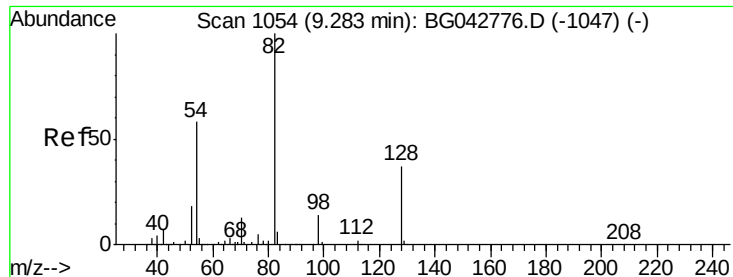
|             |       |        |
|-------------|-------|--------|
| Tot Ion:136 | Resp: | 326726 |
| Ion Ratio   | Lower | Upper  |
| 136 100     |       |        |
| 137 11.7    | 9.0   | 13.6   |
| 54 11.0     | 9.4   | 14.0   |
| 68 6.6      | 5.4   | 8.2    |



#22  
Acetophenone  
Concen: 39.934 ng  
RT: 8.93 min Scan# 995  
Delta R.T. -0.01 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 329517 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 6.1     | 3.7   | 5.5#   |
| 51  | 34.6    | 28.8  | 43.2   |
| 120 | 21.2    | 18.5  | 27.7   |

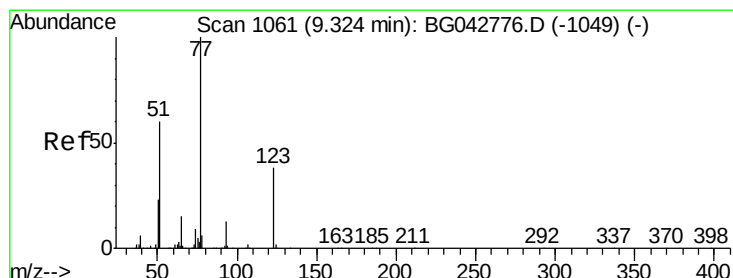
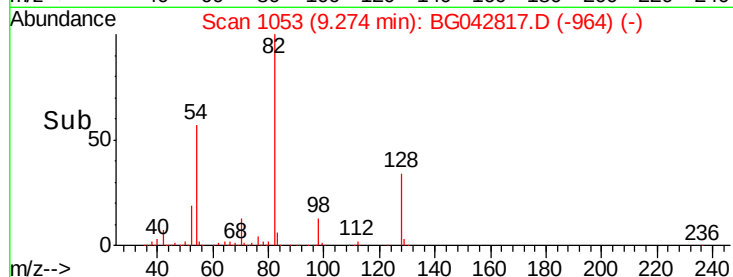
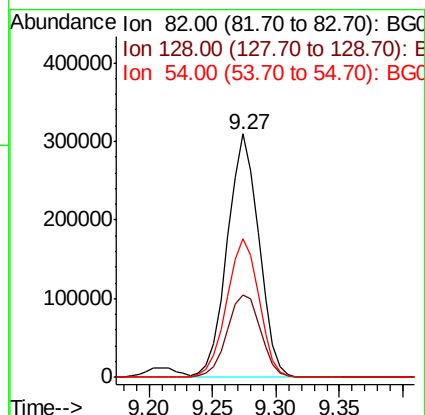
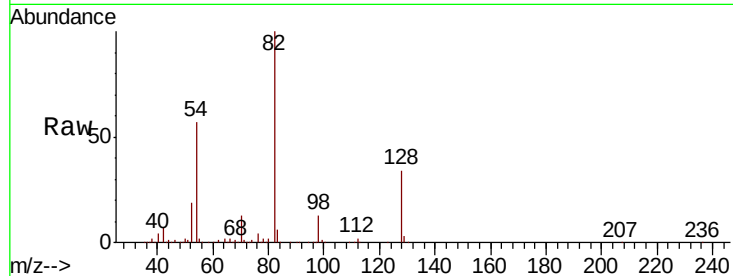




#23  
 Nitrobenzene-d5  
 Concen: 84.936 ng  
 RT: 9.27 min Scan# 1053  
 Delta R.T. -0.01 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

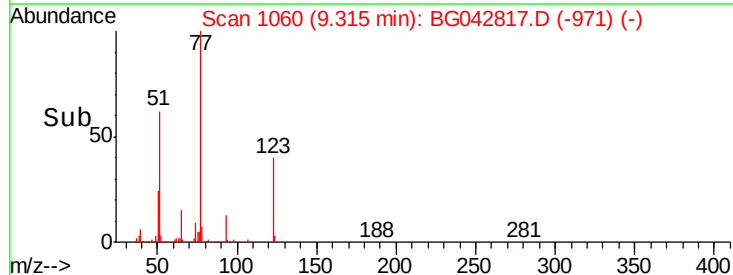
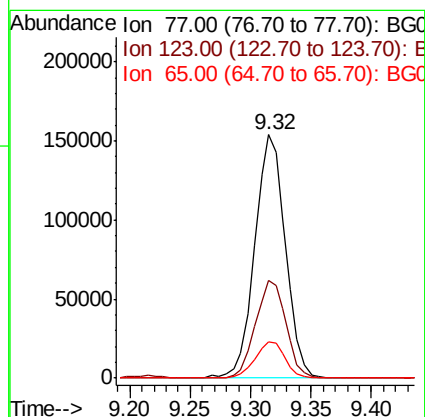
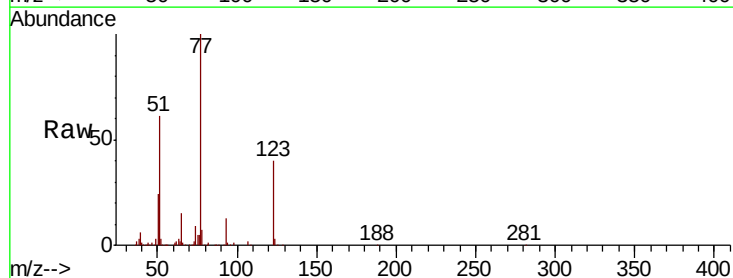
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion   | 82    | Resp  | 533029 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 34.0  | 29.8  | 44.8   |
| 54        | 56.8  | 46.1  | 69.1   |

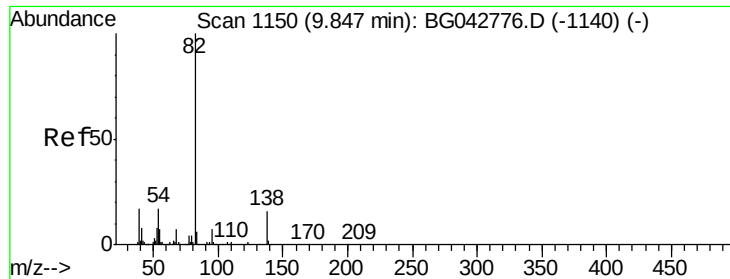


#24  
 Nitrobenzene  
 Concen: 41.202 ng  
 RT: 9.32 min Scan# 1060  
 Delta R.T. -0.01 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

| Tgt Ion   | 77    | Resp  | 271409 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 40.2  | 30.7  | 46.1   |
| 65        | 14.8  | 12.2  | 18.4   |







#25

Isophorone

Concen: 40.265 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

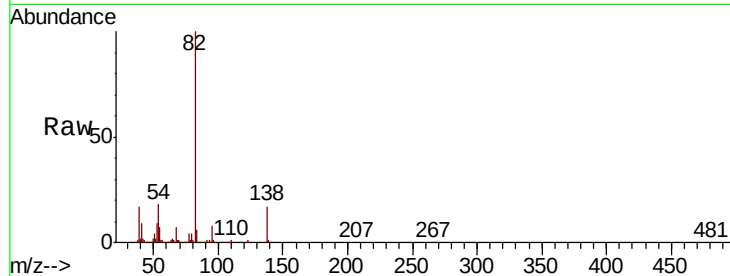
Tot Ion: 82 Resp: 526714

Ion Ratio Lower Upper

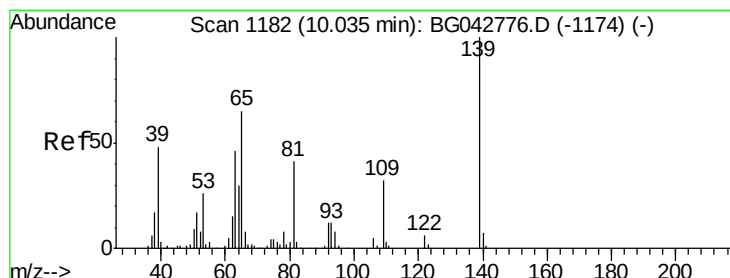
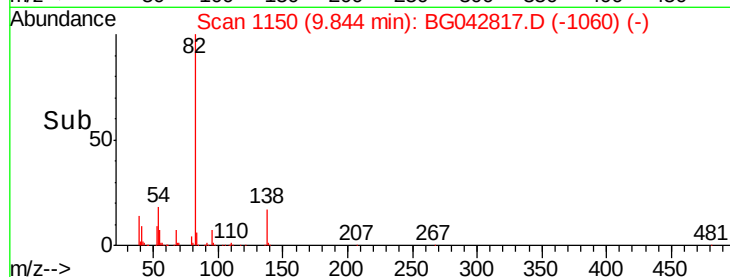
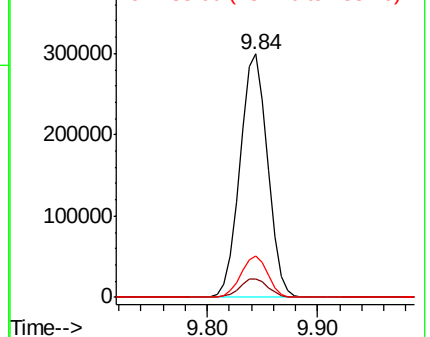
82 100

95 7.5 5.8 8.8

138 17.2 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 42.388 ng

RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

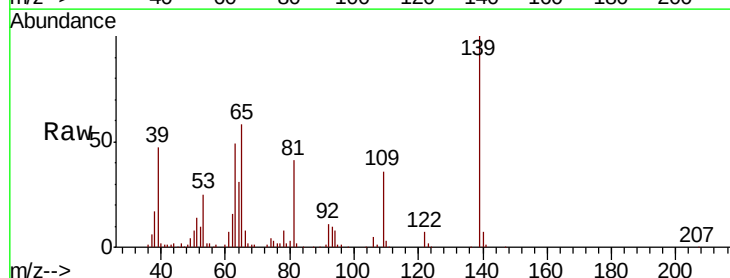
Tgt Ion: 139 Resp: 109797

Ion Ratio Lower Upper

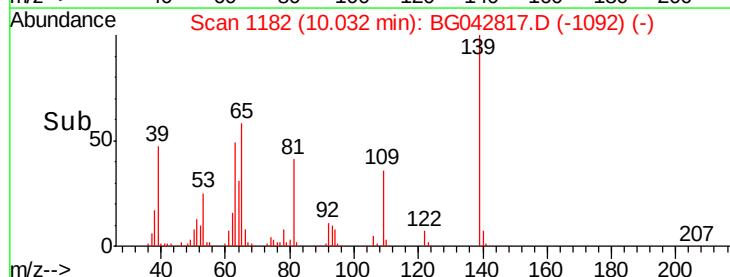
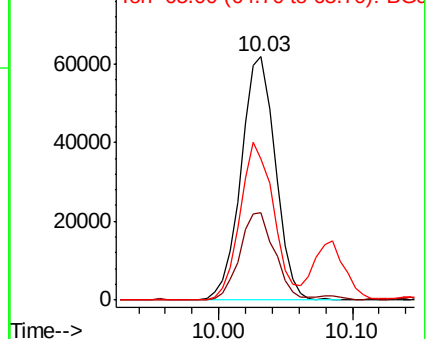
139 100

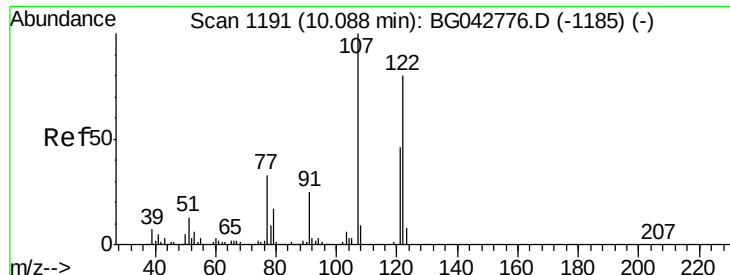
109 36.1 25.8 38.8

65 58.0 52.2 78.2



Abundance Ion 139.00 (138.70 to 139.70): BGC  
Ion 109.00 (108.70 to 109.70): BGC  
Ion 65.00 (64.70 to 65.70): BGC

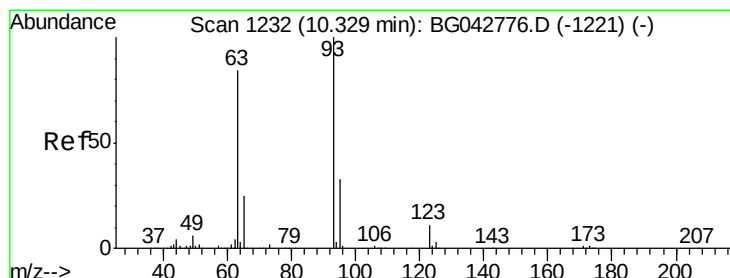
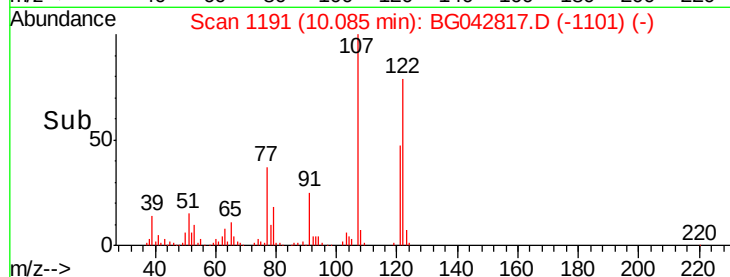
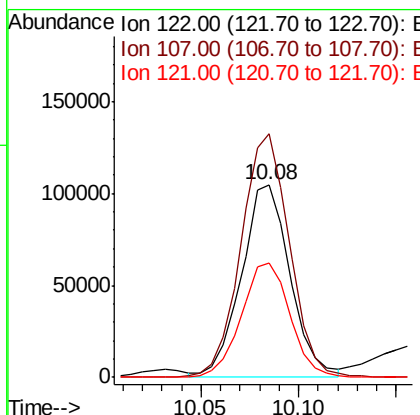
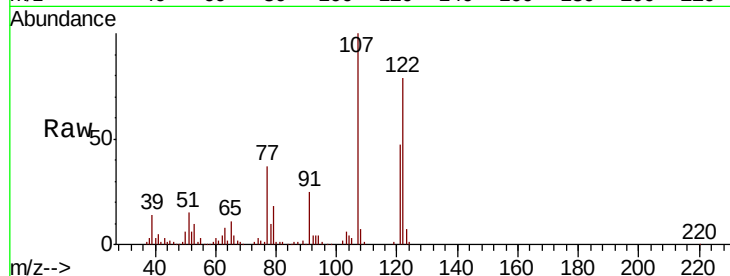




#27  
 2,4-Dimethylphenol  
 Concen: 39.199 ng  
 RT: 10.08 min Scan# 1191  
 Delta R.T. -0.00 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

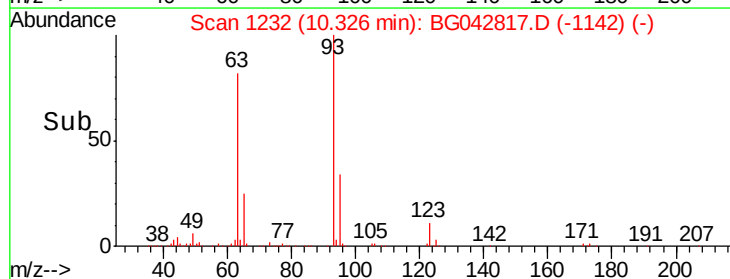
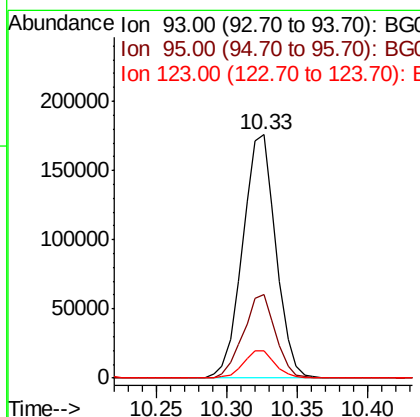
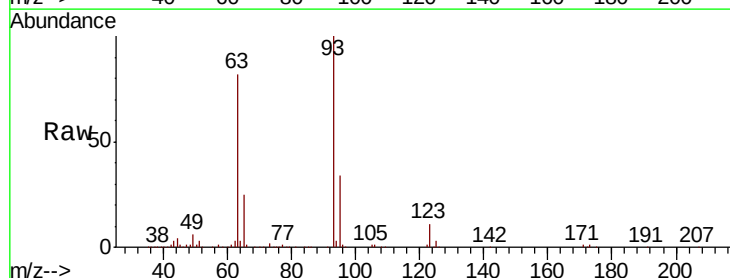
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

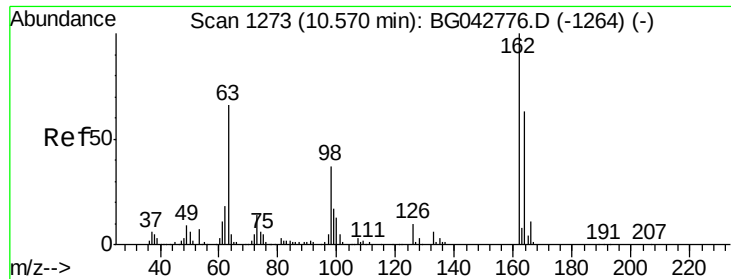
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 126.5 | 98.9  | 148.3 |
| 121     | 59.3  | 46.2  | 69.2  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.636 ng  
 RT: 10.33 min Scan# 1232  
 Delta R.T. -0.00 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 34.3  | 26.6  | 40.0  |
| 123     | 11.3  | 9.0   | 13.6  |

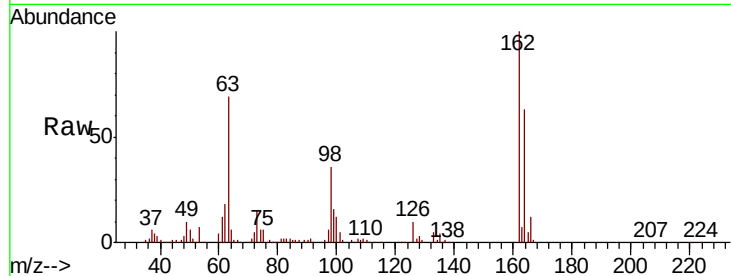




#29  
 2,4-Dichlorophenol  
 Concen: 40.897 ng  
 RT: 10.56 min Scan# 1272  
 Delta R.T. -0.01 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.8  | 43.4  | 83.4  |
| 98      | 36.2  | 17.0  | 57.0  |

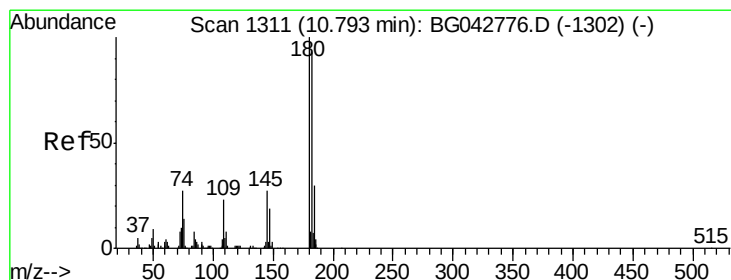
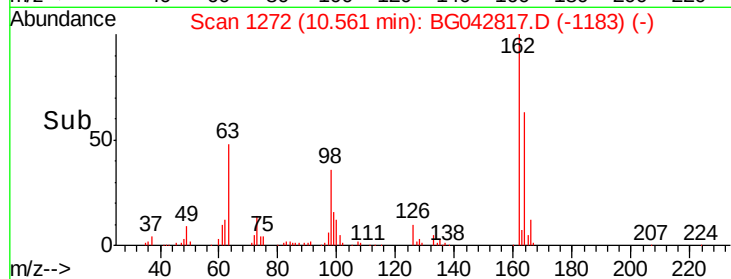
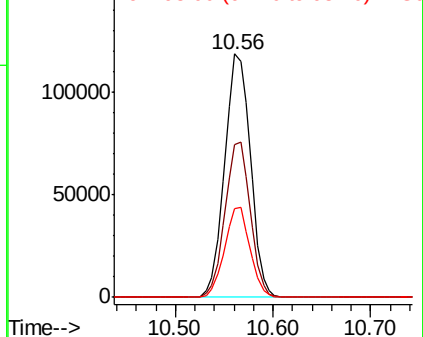


Abundance

Ion 162.00 (161.70 to 162.70): E

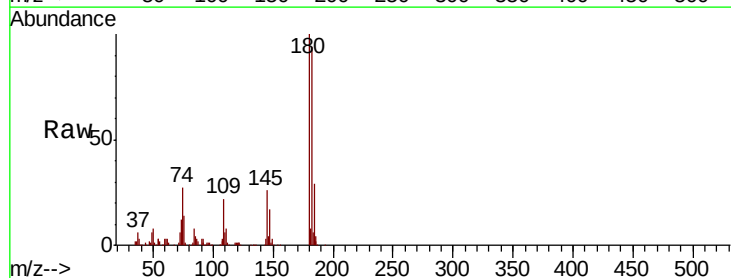
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.906 ng  
 RT: 10.79 min Scan# 1311  
 Delta R.T. -0.00 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.5  | 74.6  | 112.0 |
| 145     | 26.0  | 21.8  | 32.6  |

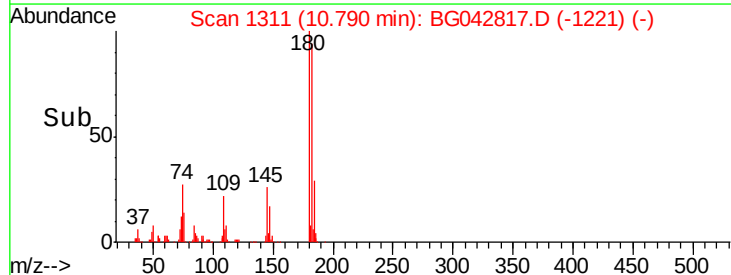
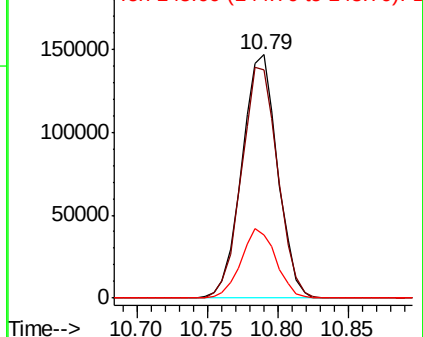


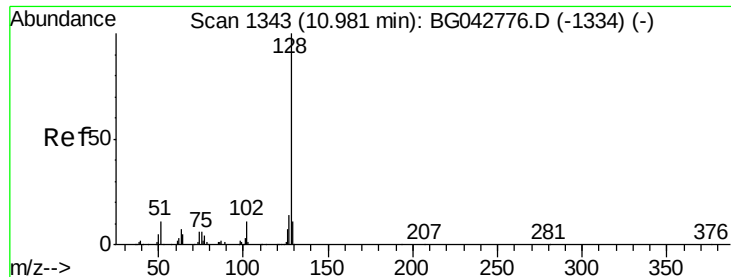
Abundance

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

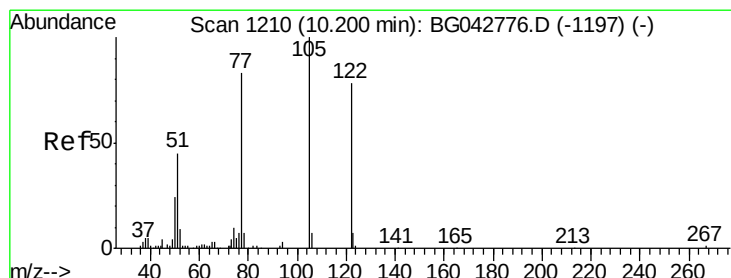
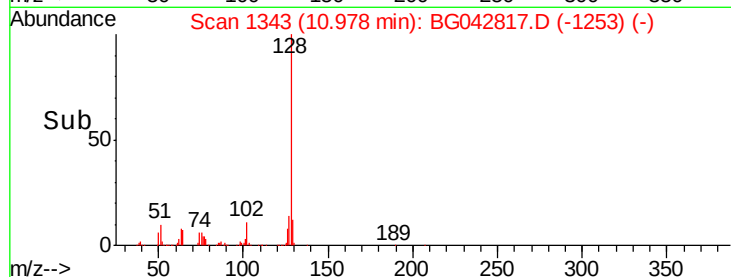
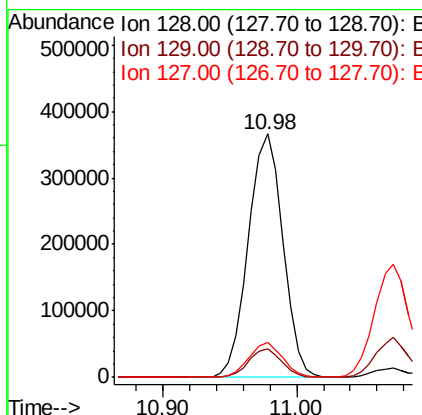
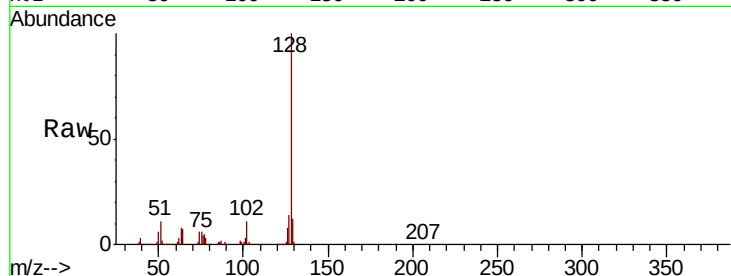




#31  
Naphthalene  
Concen: 40.606 ng  
RT: 10.98 min Scan# 1343  
Delta R.T. -0.00 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

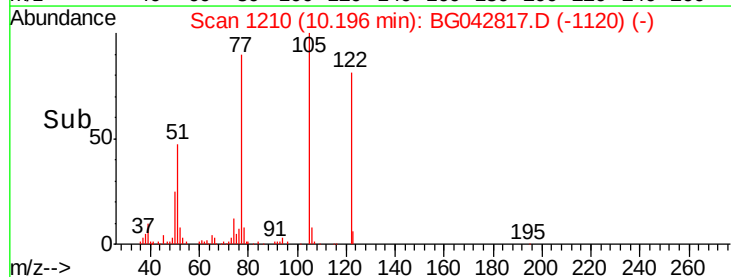
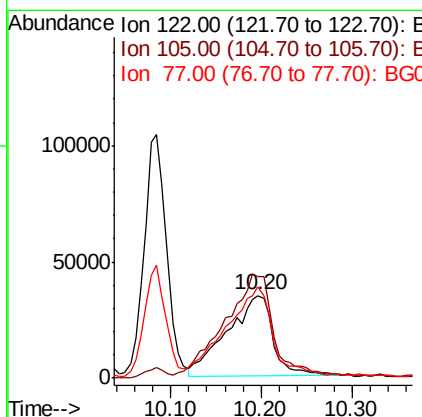
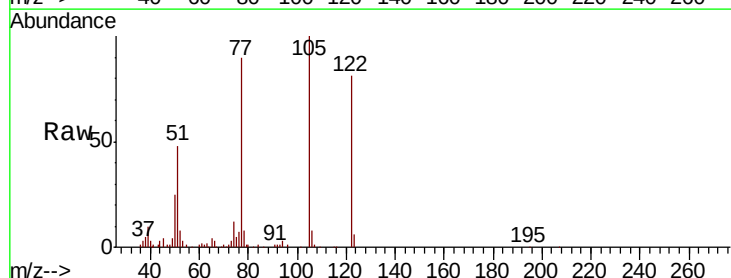
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

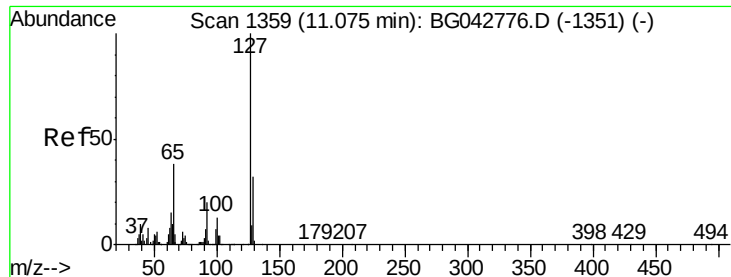
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.8  | 9.0   | 13.6  |
| 127     | 14.5  | 11.4  | 17.2  |



#32  
Benzoic acid  
Concen: 34.836 ng  
RT: 10.20 min Scan# 1210  
Delta R.T. -0.00 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 122.8 | 104.0 | 144.0 |
| 77      | 110.3 | 84.2  | 124.2 |

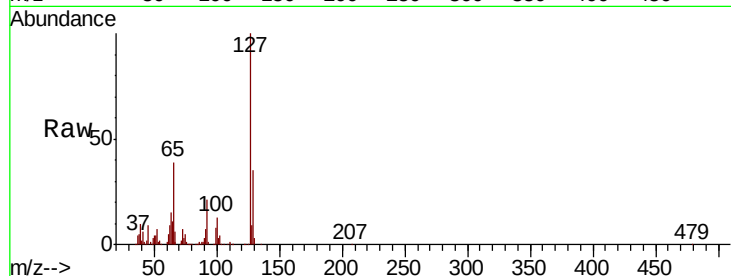




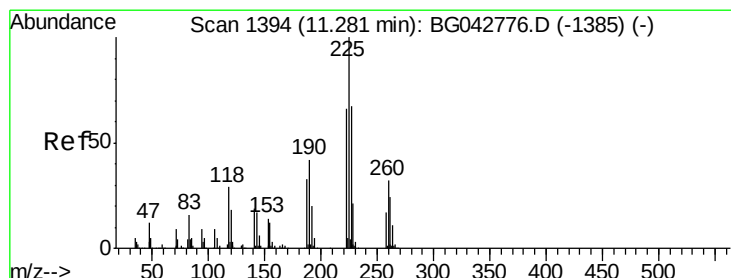
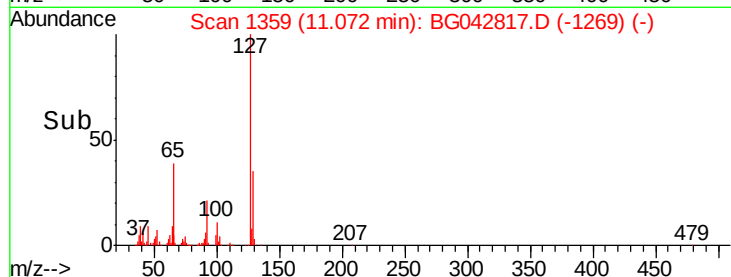
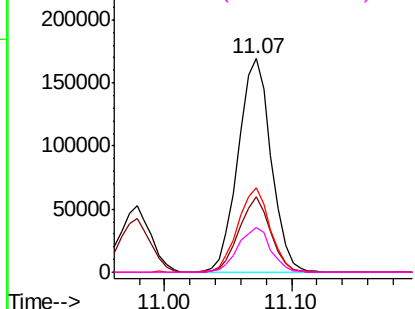
#33  
4-Chloroaniline  
Concen: 40.385 ng  
RT: 11.07 min Scan# 1359  
Delta R.T. -0.00 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:127 | Resp: | 304500    |
| Ion Ratio   | Lower | Upper     |
| 127         | 100   |           |
| 129         | 35.2  | 25.8 38.6 |
| 65          | 39.4  | 30.5 45.7 |
| 92          | 20.8  | 15.9 23.9 |

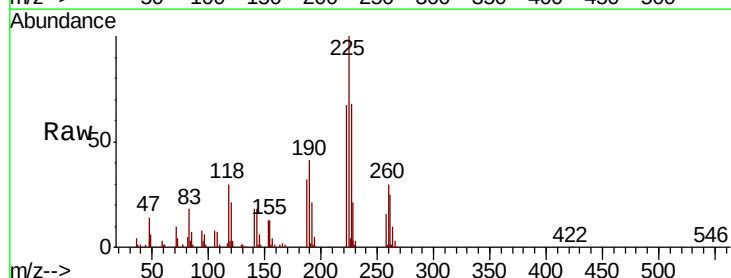


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

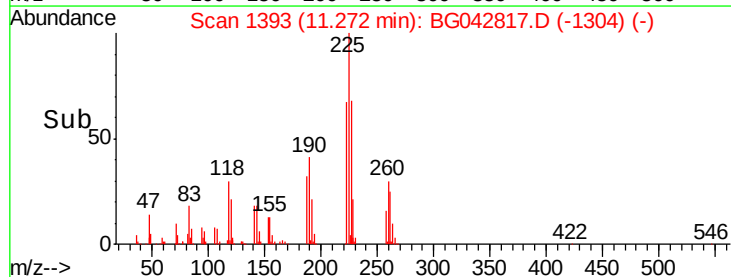
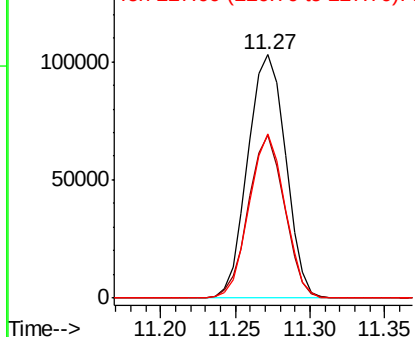


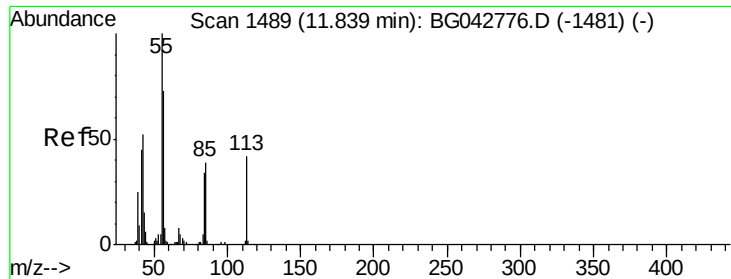
#34  
Hexachlorobutadiene  
Concen: 39.667 ng  
RT: 11.27 min Scan# 1393  
Delta R.T. -0.01 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:225 | Resp: | 180673    |
| Ion Ratio   | Lower | Upper     |
| 225         | 100   |           |
| 223         | 66.9  | 52.6 79.0 |
| 227         | 67.5  | 53.6 80.4 |



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: 40.577 ng

RT: 11.84 min Scan# 1490

Delta R.T. 0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

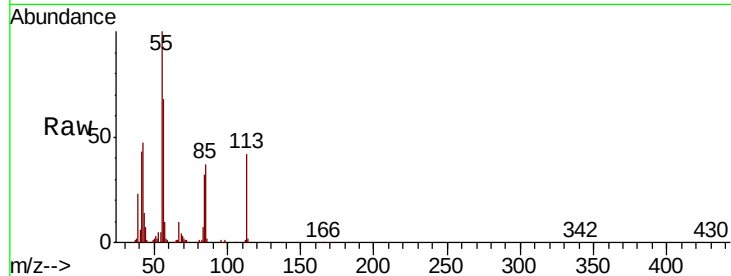
Tot Ion:113 Resp: 80344

Ion Ratio Lower Upper

113 100

55 239.7 218.4 258.4

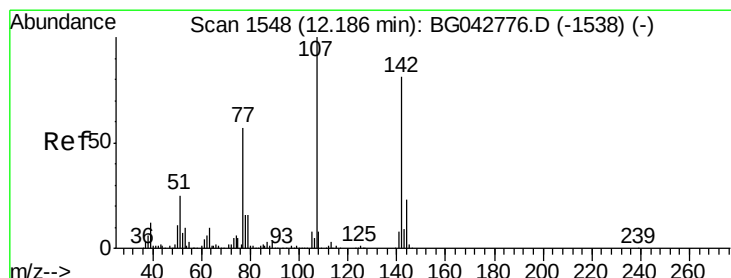
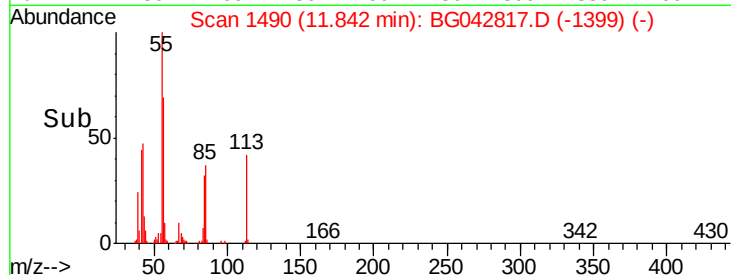
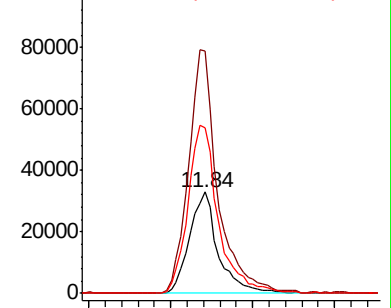
56 164.2 154.8 194.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG042776.D (-1481) (-)

Ion 56.00 (55.70 to 56.70): BG042776.D (-1481) (-)



#36

4-Chloro-3-methylphenol

Concen: 41.109 ng

RT: 12.18 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

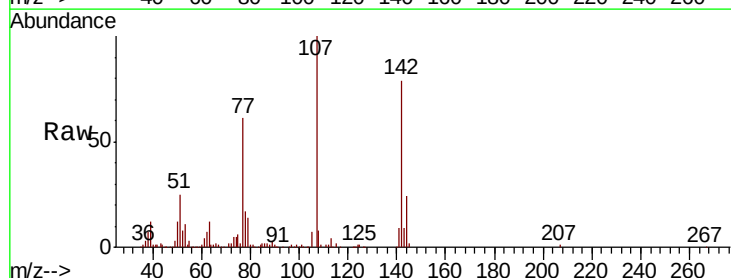
Tgt Ion:107 Resp: 237662

Ion Ratio Lower Upper

107 100

144 24.3 18.7 28.1

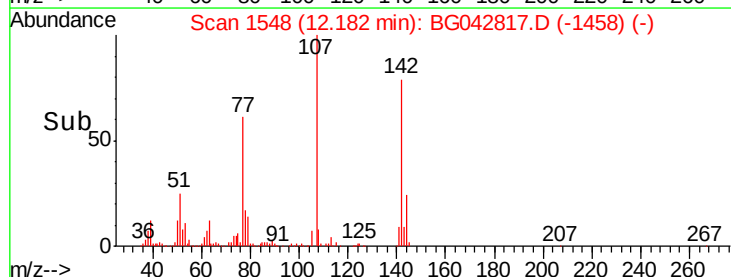
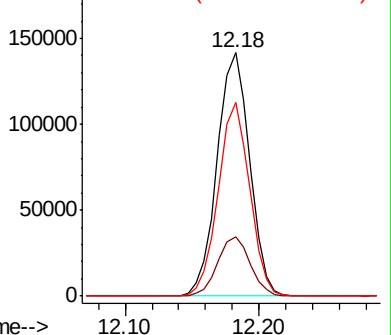
142 79.4 65.0 97.4

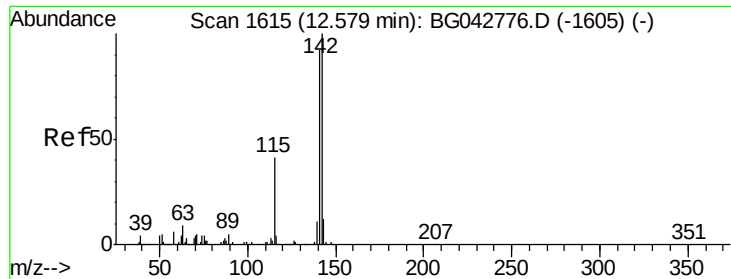


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

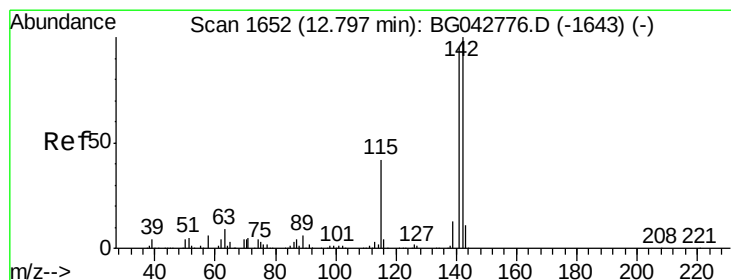
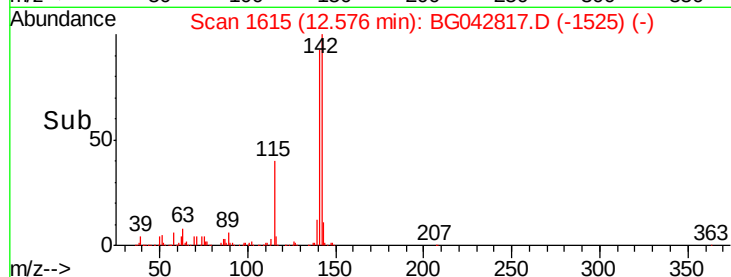
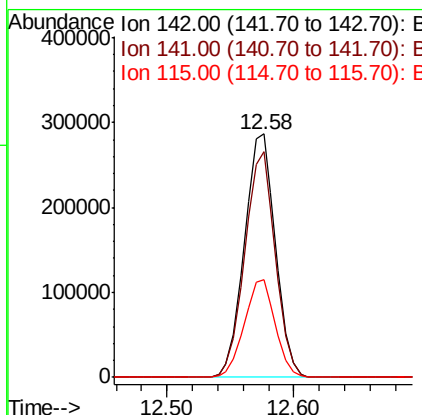
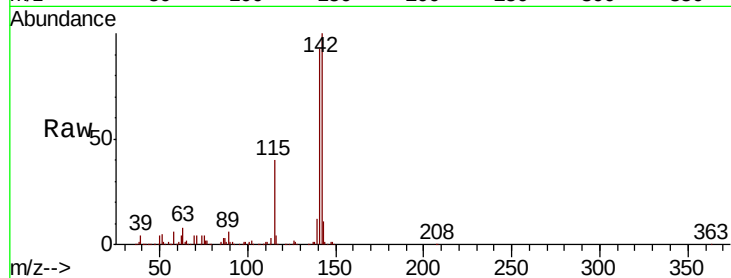




#37  
2-Methylnaphthalene  
Concen: 40.292 ng  
RT: 12.58 min Scan# 1615  
Delta R.T. -0.00 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

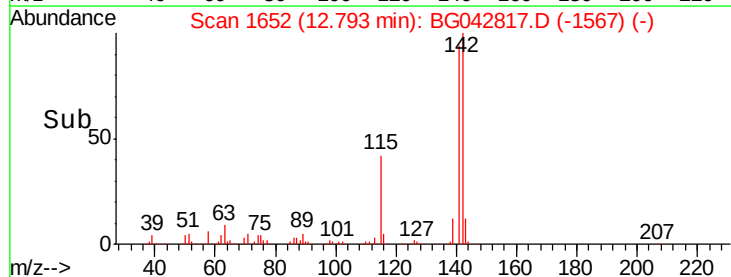
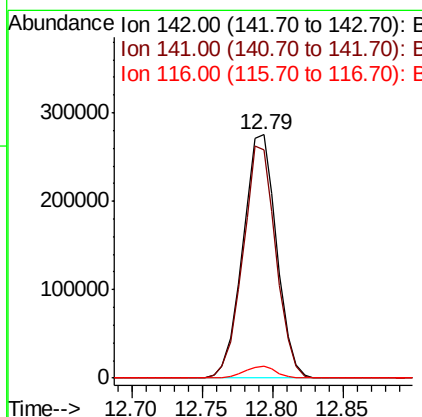
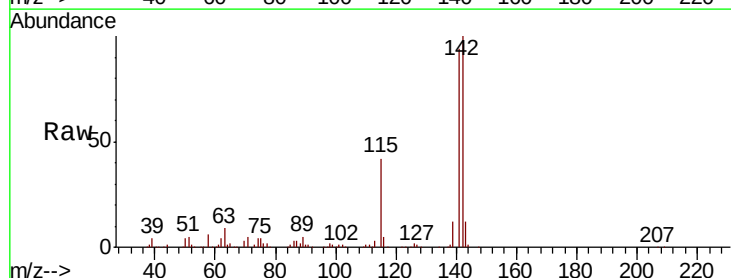
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

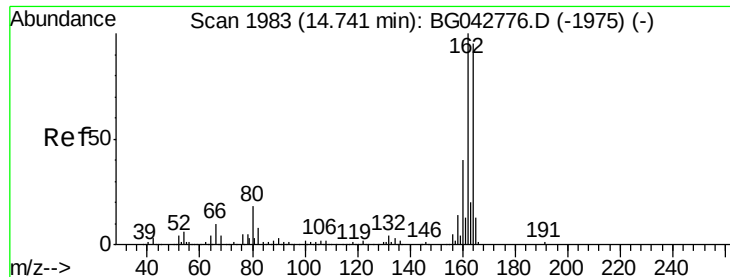
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 92.8  | 73.8  | 110.8 |
| 115     | 40.2  | 33.0  | 49.4  |



#38  
1-Methylnaphthalene  
Concen: 40.603 ng  
RT: 12.79 min Scan# 1652  
Delta R.T. -0.00 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 93.8  | 76.3  | 114.5 |
| 116     | 4.9   | 3.4   | 5.0   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

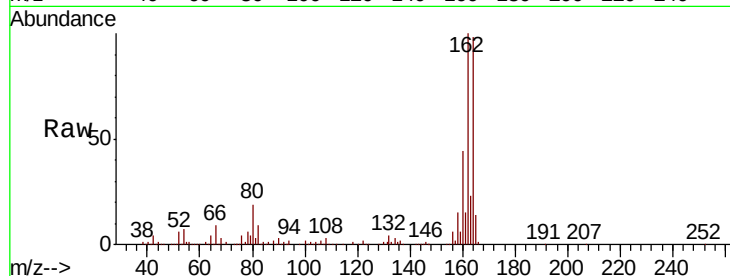
Tot Ion:164 Resp: 225891

Ion Ratio Lower Upper

164 100

162 102.1 84.6 126.8

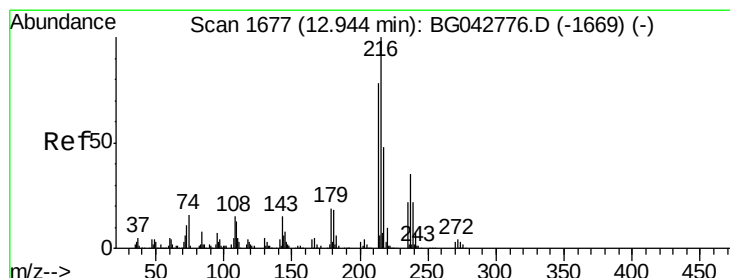
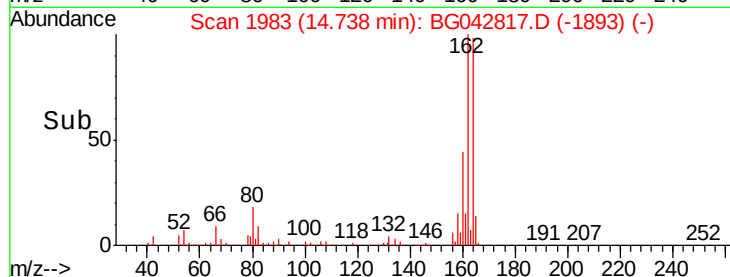
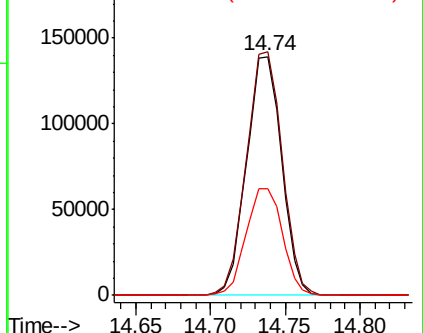
160 44.6 34.2 51.2



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: 39.577 ng

RT: 12.94 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Tgt Ion:216 Resp: 295423

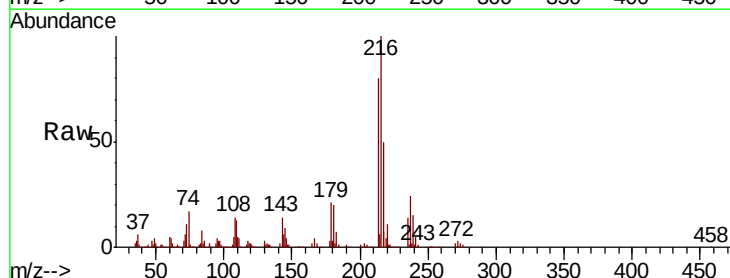
Ion Ratio Lower Upper

216 100

214 78.7 62.8 94.2

179 19.9 15.3 22.9

108 16.4 12.9 19.3

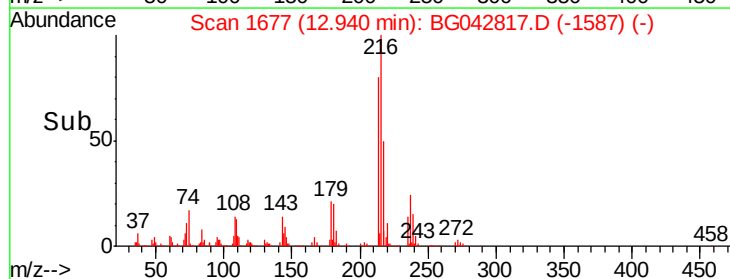
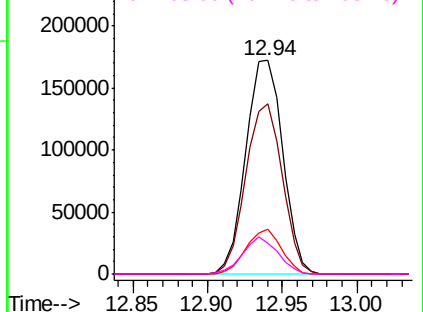


Abundance Ion 216.00 (215.70 to 216.70): E

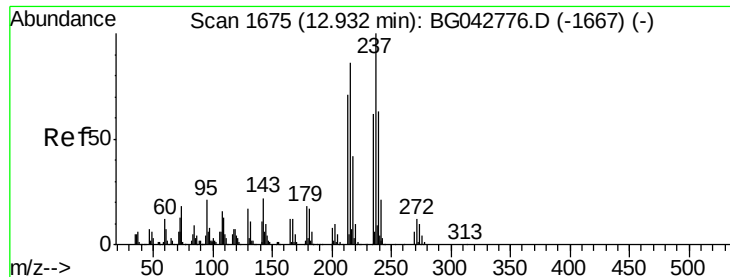
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 41.069 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

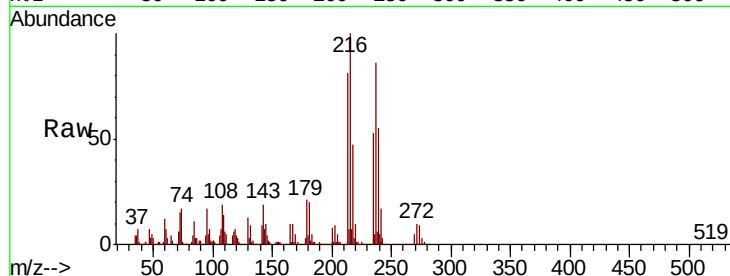
Tot Ion:237 Resp: 175620

Ion Ratio Lower Upper

237 100

235 61.7 41.9 81.9

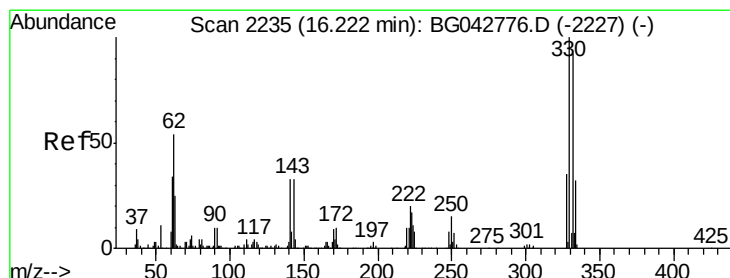
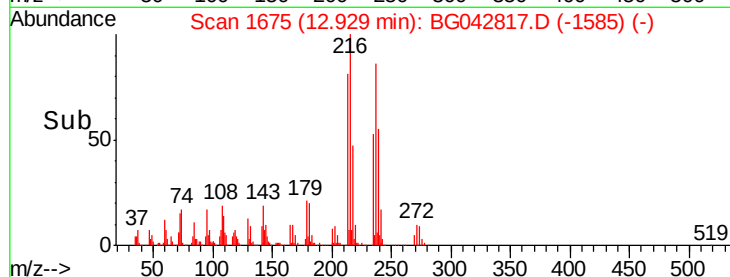
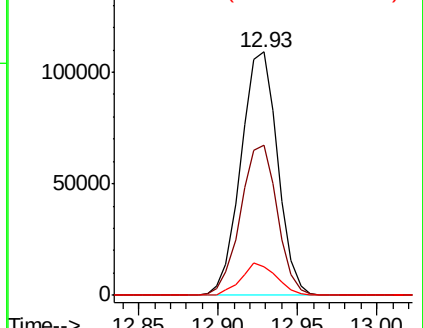
272 11.5 0.0 31.6



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: 80.992 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

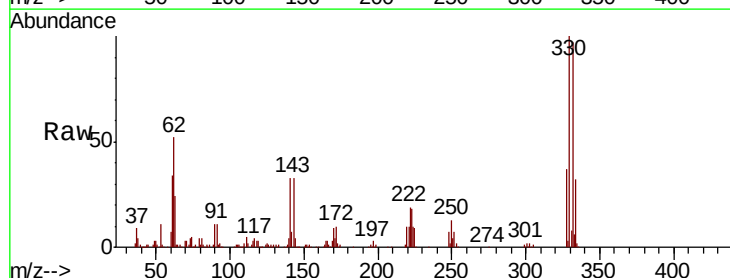
Tgt Ion:330 Resp: 243407

Ion Ratio Lower Upper

330 100

332 95.9 76.7 115.1

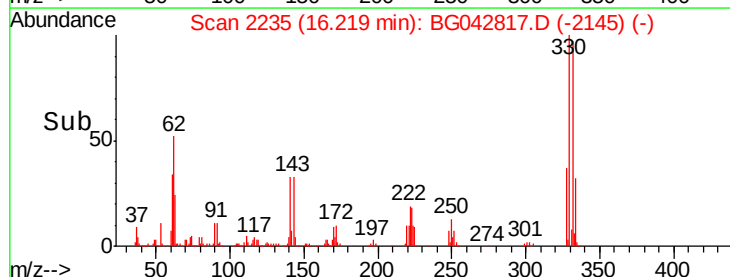
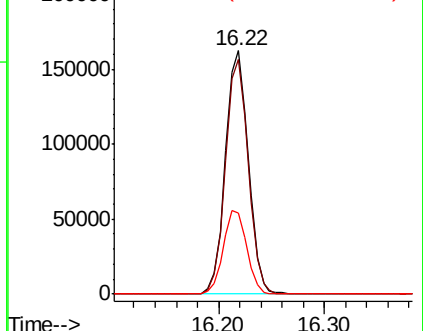
141 35.4 27.0 40.6

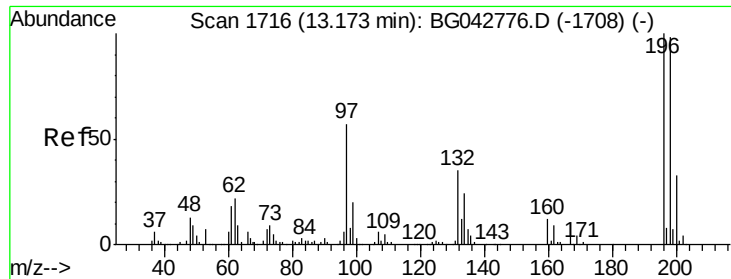


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

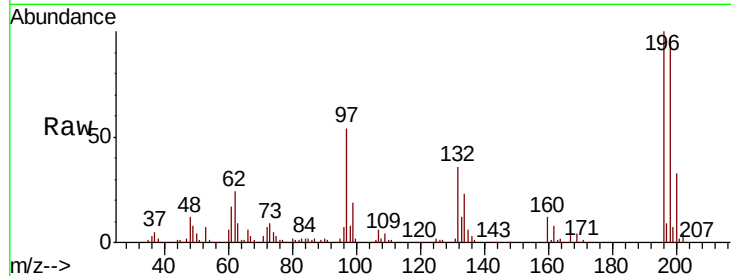




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.477 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. -0.00 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.6  | 78.8  | 118.2 |
| 200     | 32.7  | 26.2  | 39.4  |

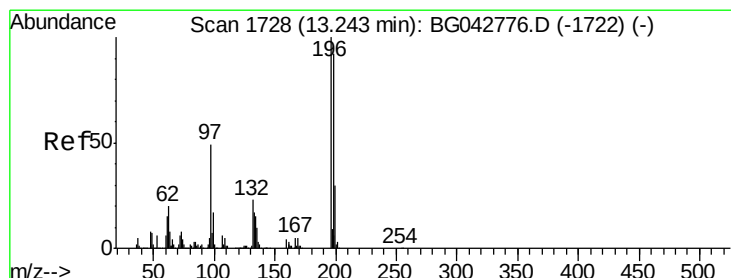
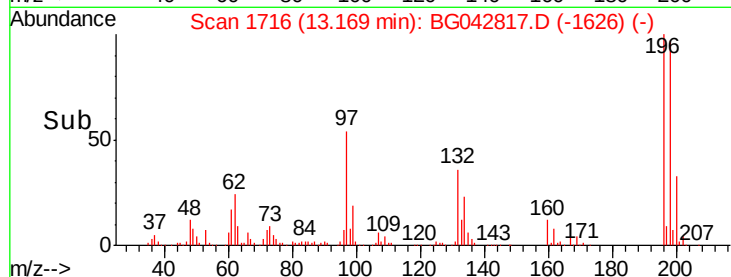
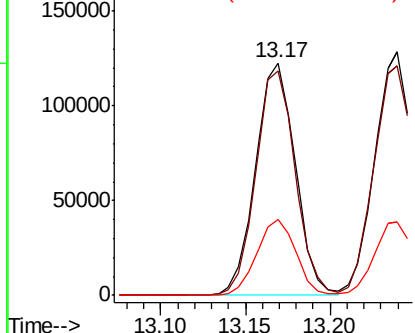


Abundance

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: 40.612 ng  
 RT: 13.24 min Scan# 1728  
 Delta R.T. -0.00 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.3  | 73.4  | 110.0 |
| 97      | 47.7  | 39.2  | 58.8  |
| 132     | 23.1  | 18.7  | 28.1  |

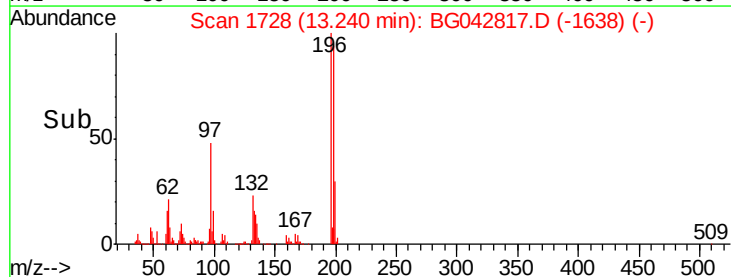
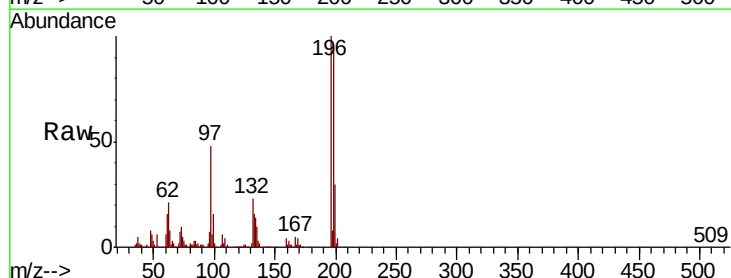
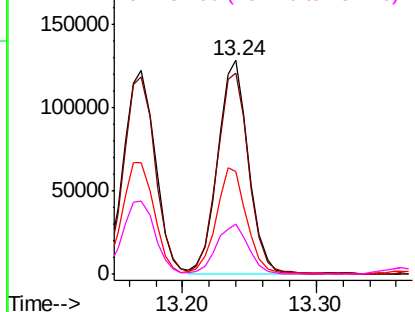
Abundance

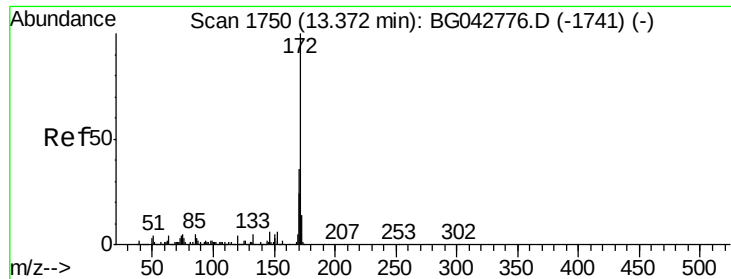
Ion 196.00 (195.70 to 196.70): E

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

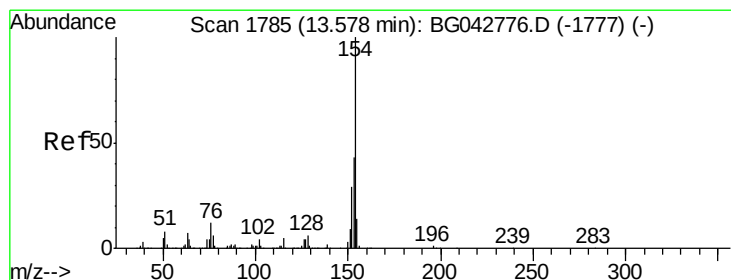
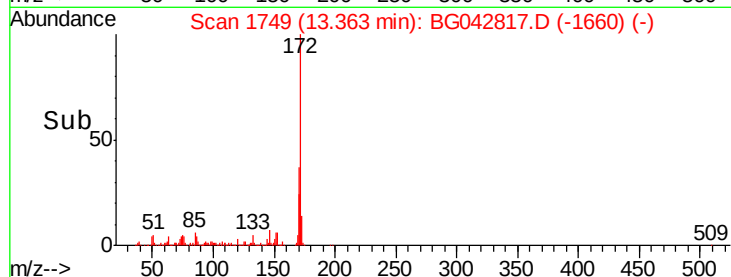
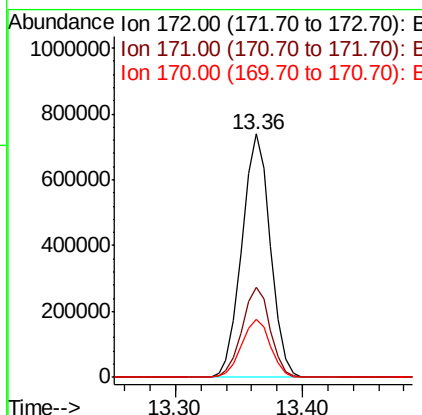
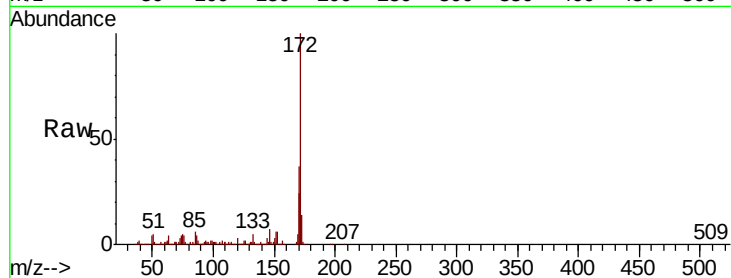




#45  
2-Fluorobiphenyl  
Concen: 80.442 ng  
RT: 13.36 min Scan# 1749  
Delta R.T. -0.01 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

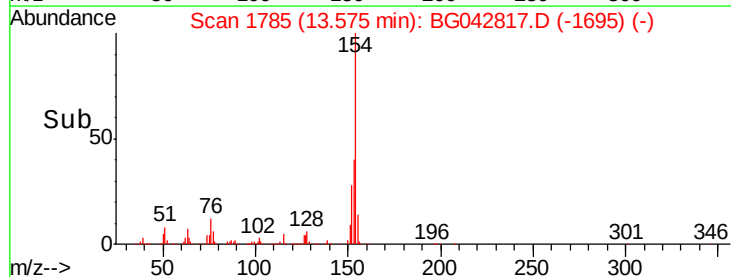
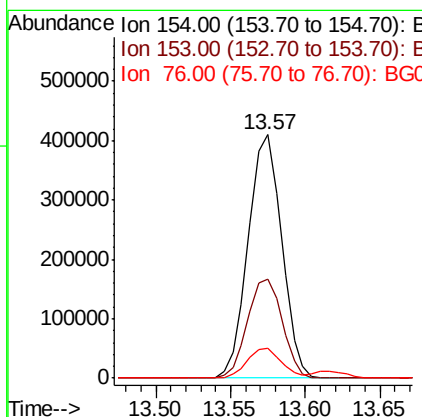
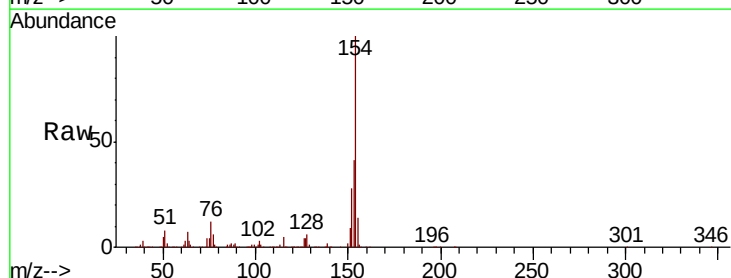
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

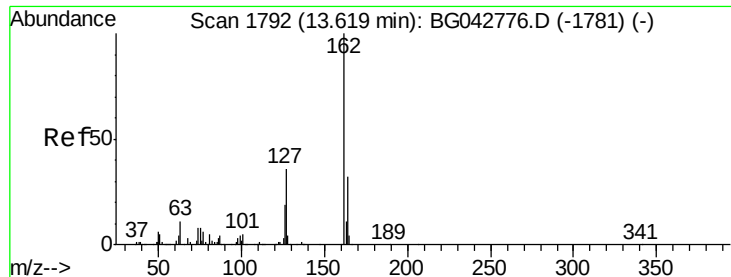
Tot Ion:172 Resp: 1147943  
Ion Ratio Lower Upper  
172 100  
171 37.1 28.9 43.3  
170 24.0 19.1 28.7



#46  
1,1'-Biphenyl  
Concen: 40.266 ng  
RT: 13.57 min Scan# 1785  
Delta R.T. -0.00 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

Tgt Ion:154 Resp: 636757  
Ion Ratio Lower Upper  
154 100  
153 40.5 22.6 62.6  
76 12.0 0.0 32.2

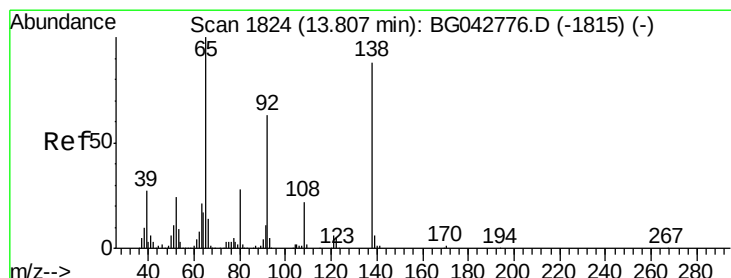
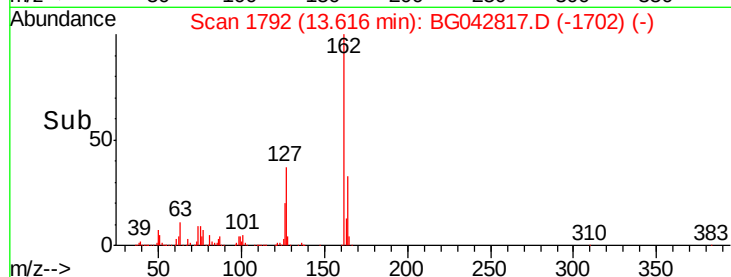
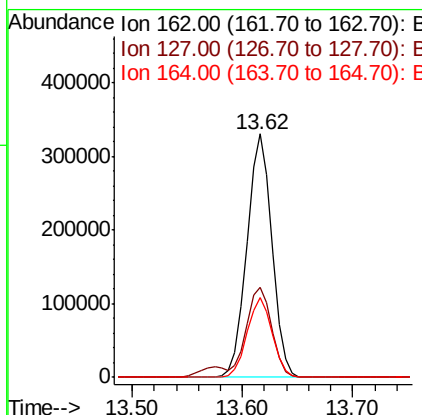
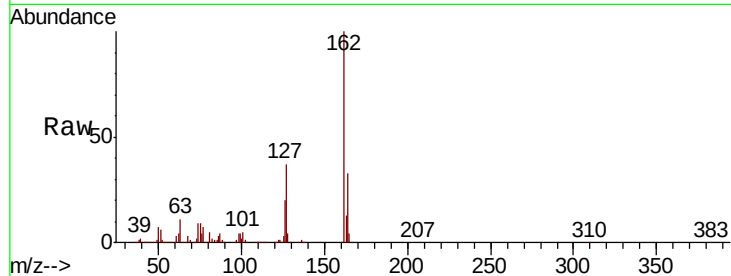




#47  
 2-Chloronaphthalene  
 Concen: 40.215 ng  
 RT: 13.62 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

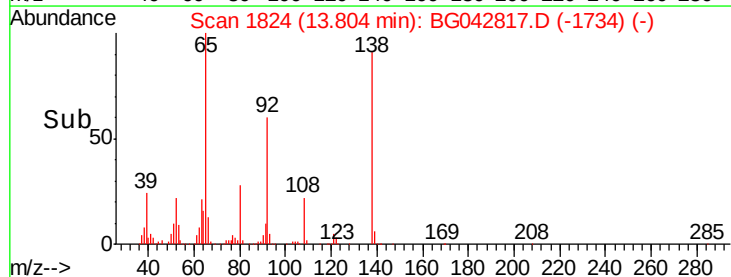
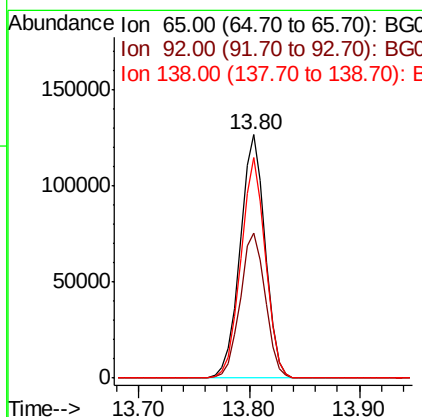
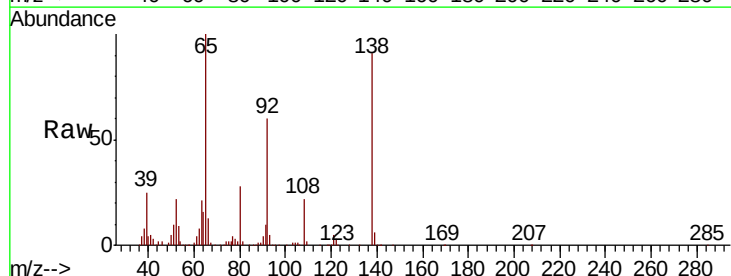
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

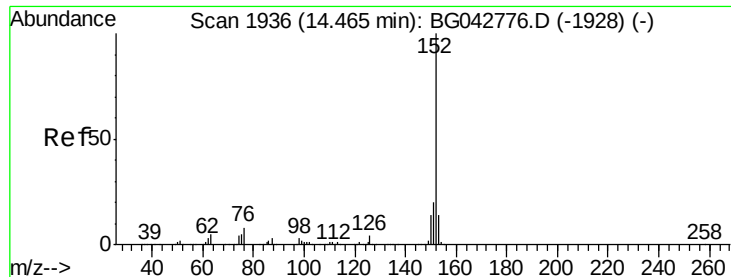
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 162   | Resp: | 526069 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 36.9  | 29.3  | 43.9   |
| 164      | 32.5  | 26.0  | 39.0   |



#48  
 2-Nitroaniline  
 Concen: 44.743 ng  
 RT: 13.80 min Scan# 1824  
 Delta R.T. -0.00 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 203042 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 92       | 59.8  | 50.4  | 75.6   |
| 138      | 90.8  | 70.6  | 106.0  |





#49

Acenaphthylene

Concen: 40.775 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

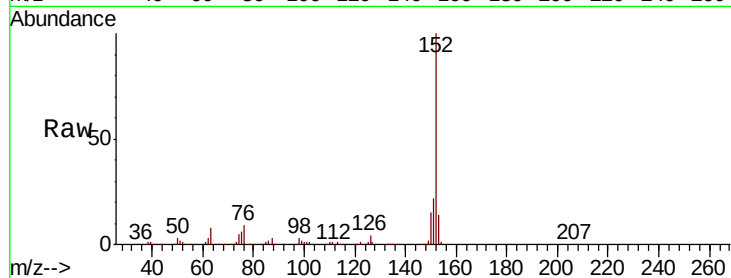
Tot Ion:152 Resp: 815119

Ion Ratio Lower Upper

152 100

151 21.7 16.0 24.0

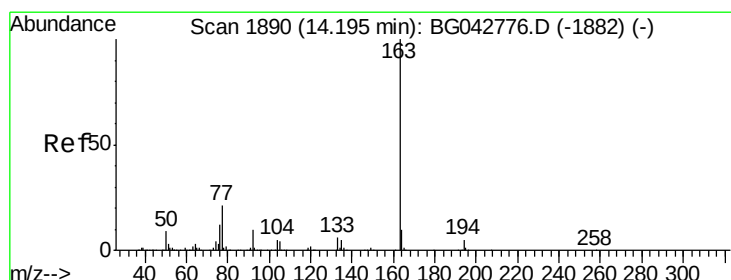
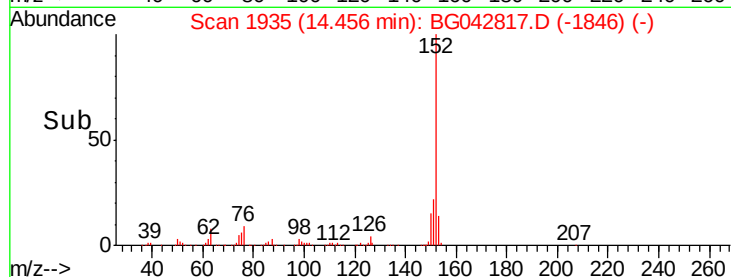
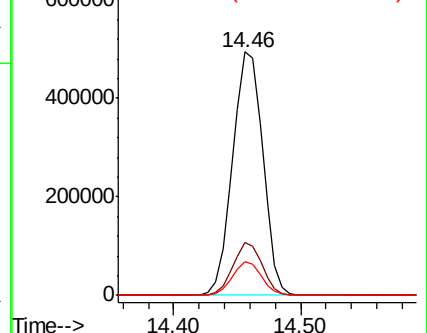
153 13.6 11.4 17.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.410 ng

RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

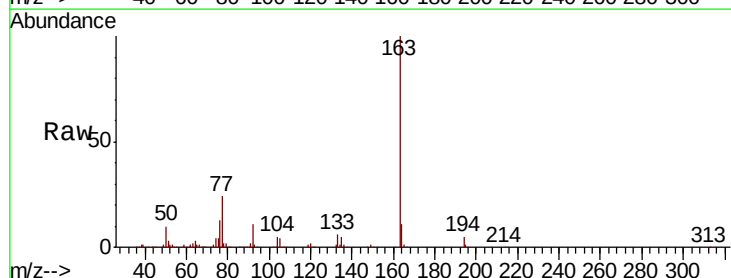
Tgt Ion:163 Resp: 683826

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.4

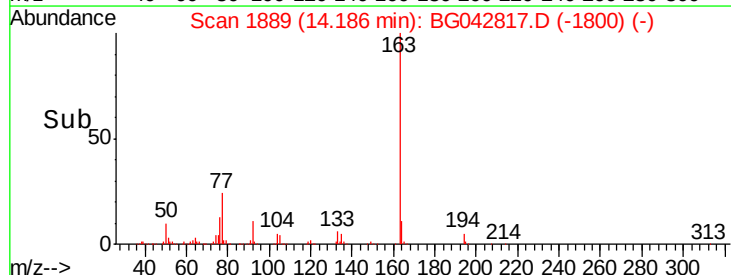
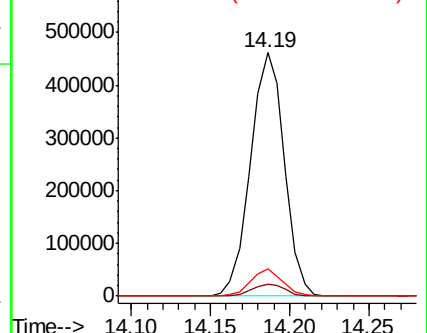
164 11.0 8.4 12.6

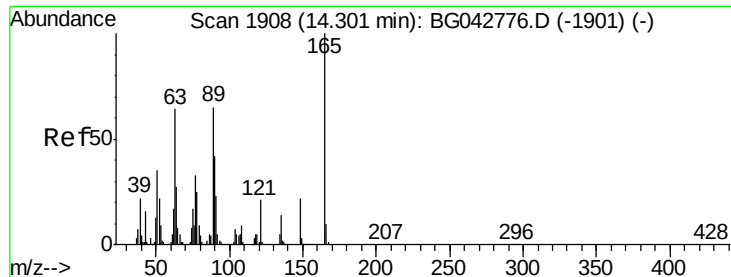


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.848 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

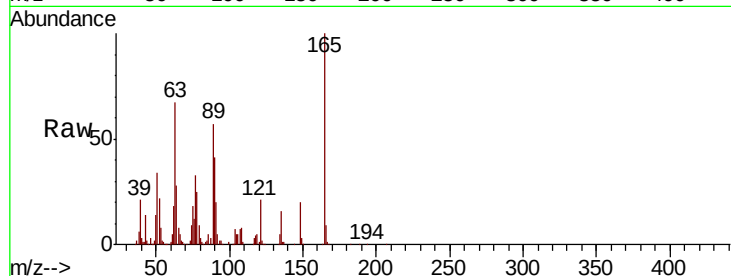
Tot Ion:165 Resp: 148778

Ion Ratio Lower Upper

165 100

63 66.8 52.1 78.1

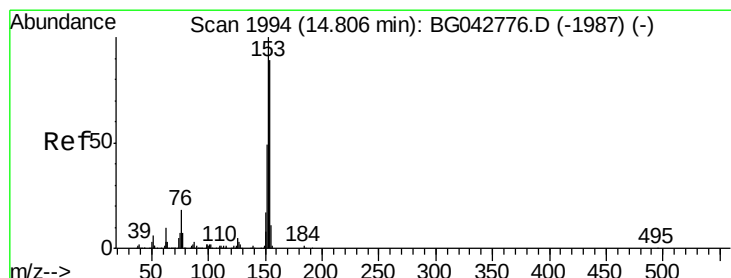
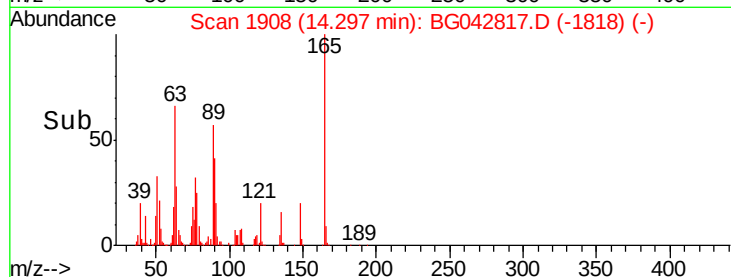
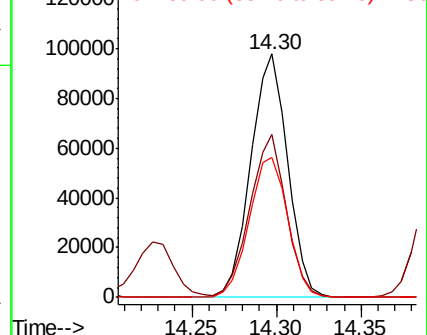
89 57.3 51.7 77.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.084 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

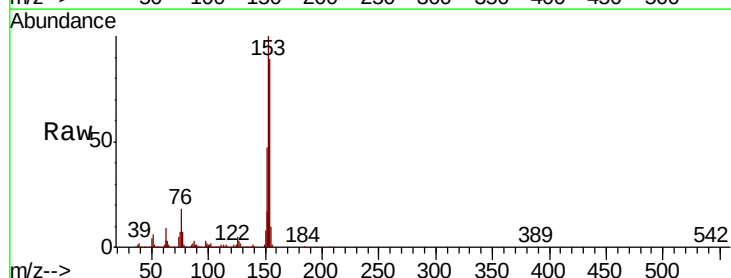
Tgt Ion:154 Resp: 510438

Ion Ratio Lower Upper

154 100

153 111.9 89.4 134.2

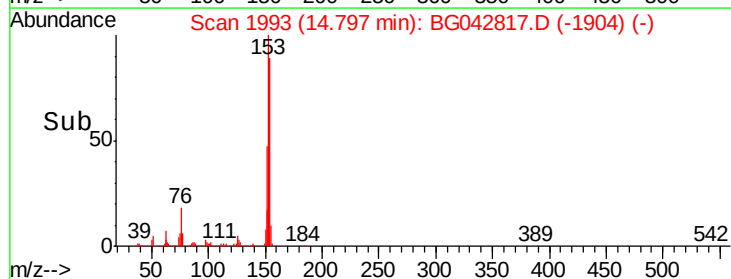
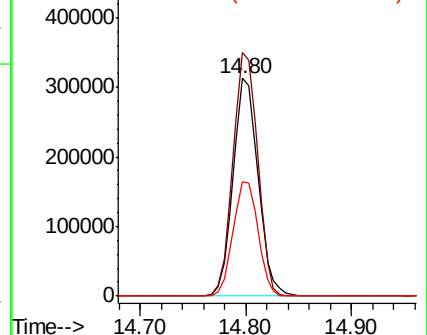
152 52.8 43.5 65.3

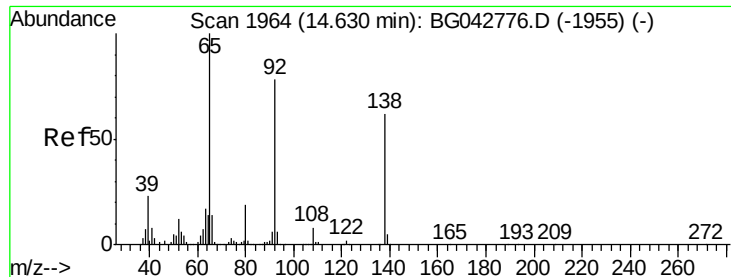


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 41.986 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

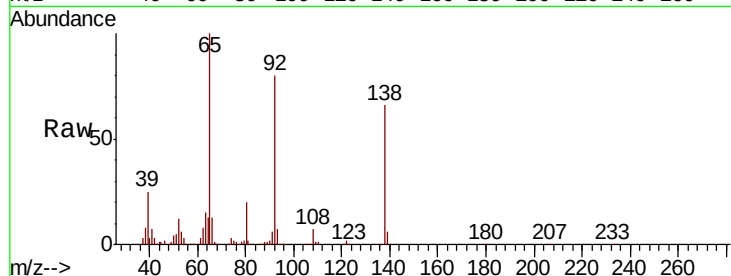
Tot Ion:138 Resp: 163619

Ion Ratio Lower Upper

138 100

108 10.3 10.7 16.1#

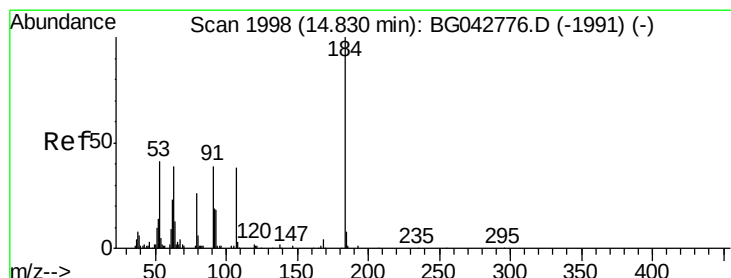
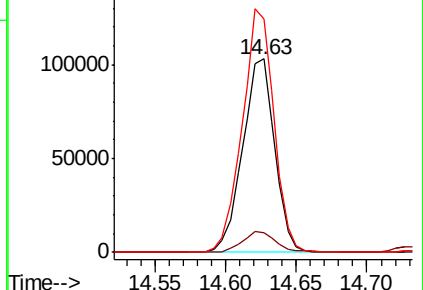
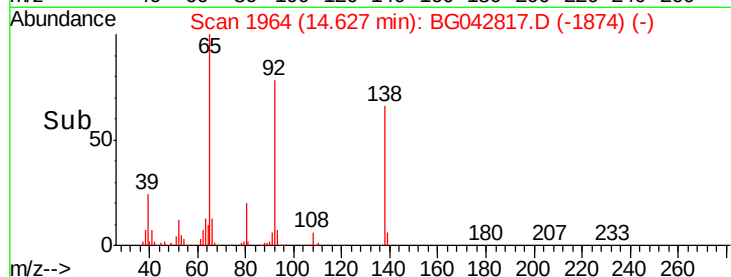
92 120.9 100.5 150.7



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: 19.453 ng

RT: 14.82 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

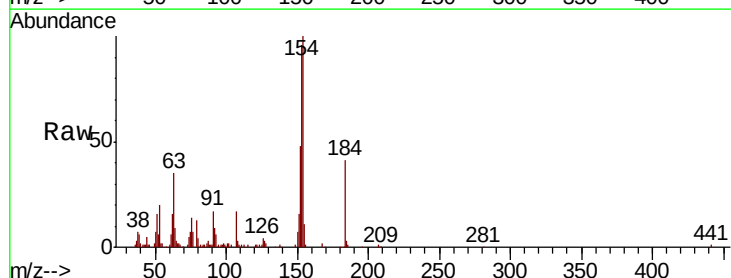
Tgt Ion:184 Resp: 33252

Ion Ratio Lower Upper

184 100

63 85.0 46.2 69.4#

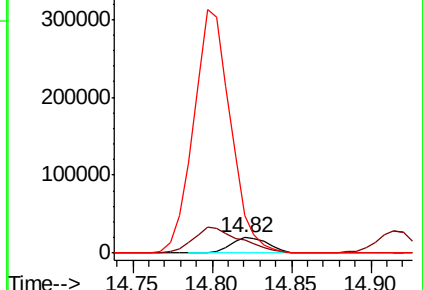
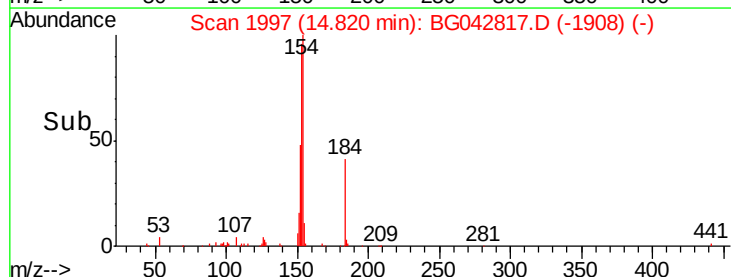
154 241.1 81.3 121.9#

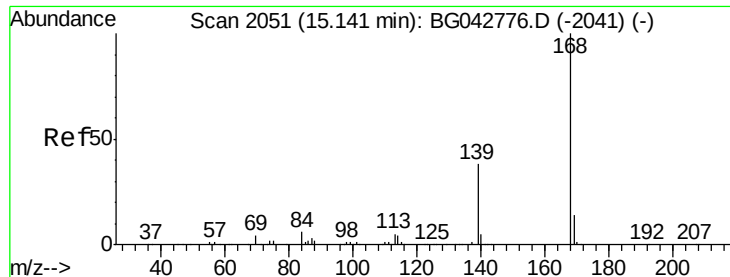


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

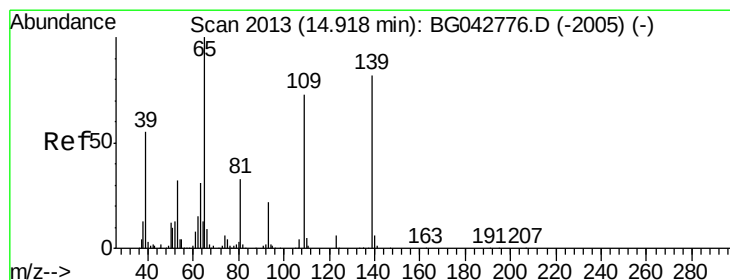
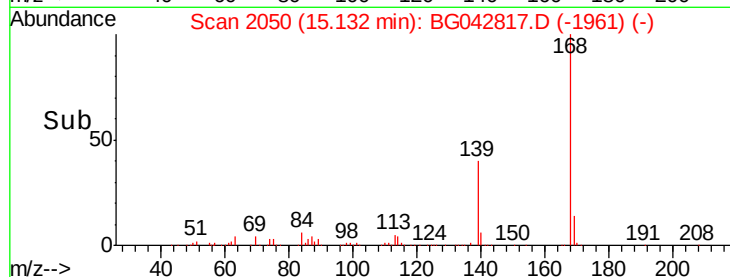
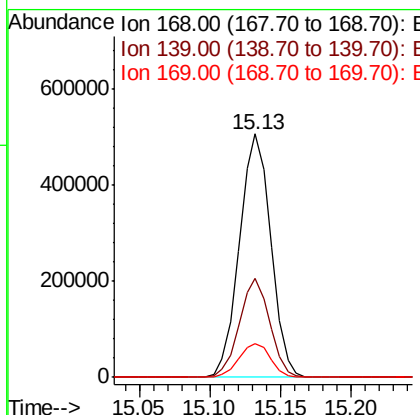
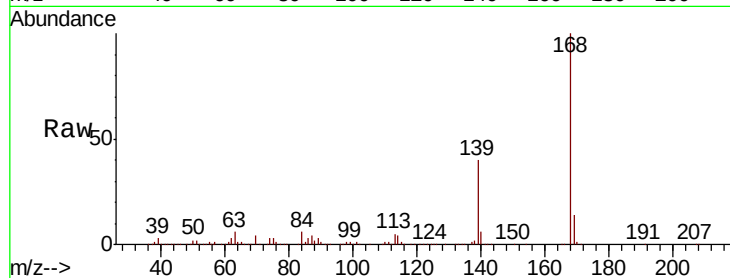




#55  
Dibenzofuran  
Concen: 40.485 ng  
RT: 15.13 min Scan# 2050  
Delta R.T. -0.01 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

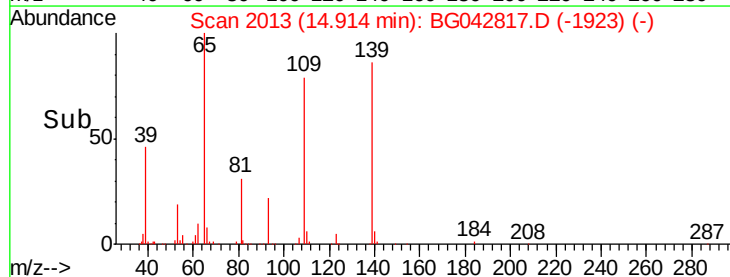
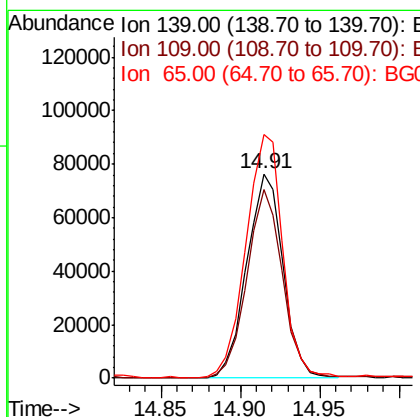
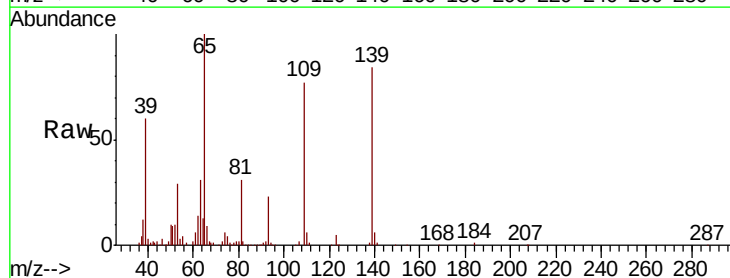
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 40.4  | 30.2  | 45.4  |
| 169     | 13.9  | 11.2  | 16.8  |

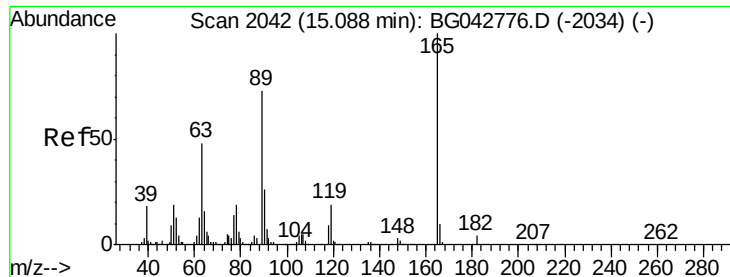


#56  
4-Nitrophenol  
Concen: 40.350 ng  
RT: 14.91 min Scan# 2013  
Delta R.T. -0.00 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 92.1  | 69.4  | 109.4 |
| 65      | 119.1 | 102.5 | 142.5 |



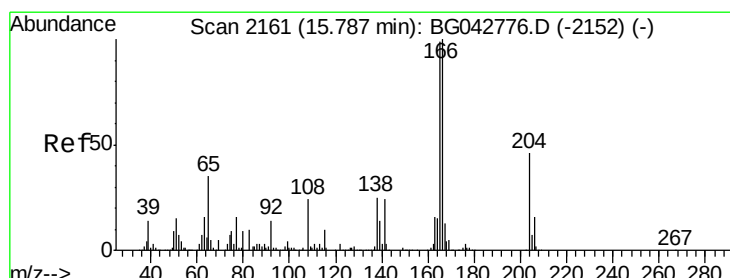
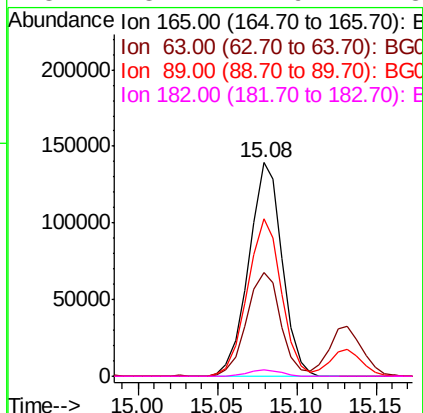
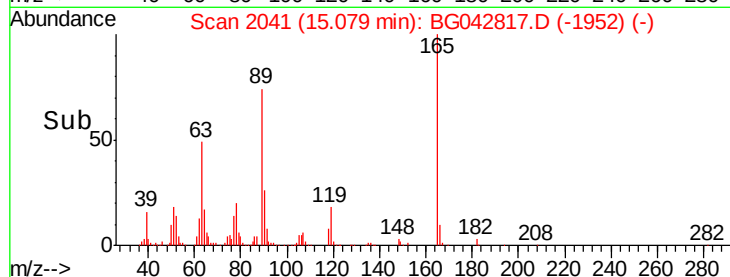
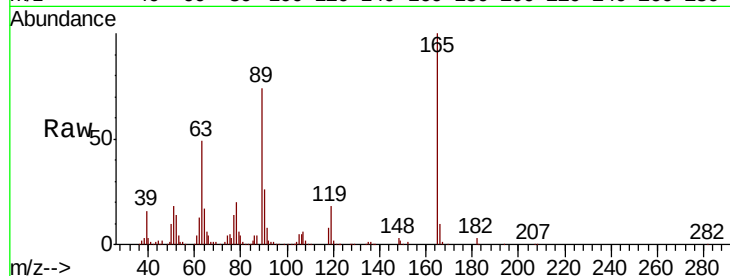




#57  
2,4-Dinitrotoluene  
Concen: 43.857 ng  
RT: 15.08 min Scan# 2041  
Delta R.T. -0.01 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

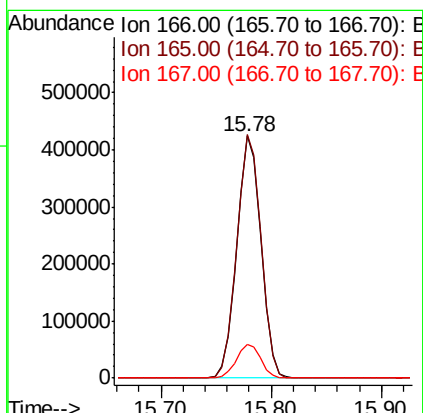
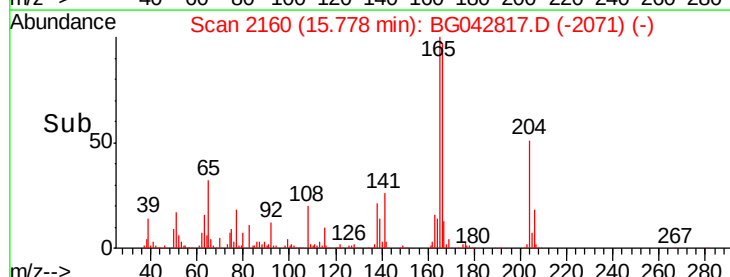
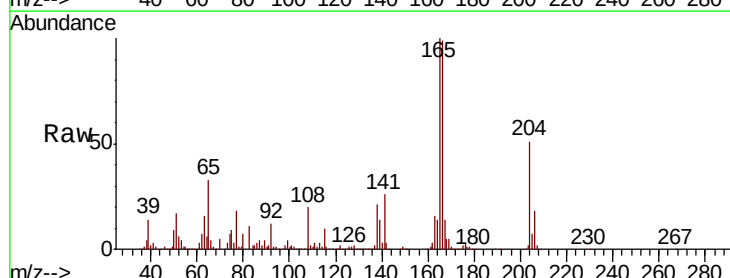
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

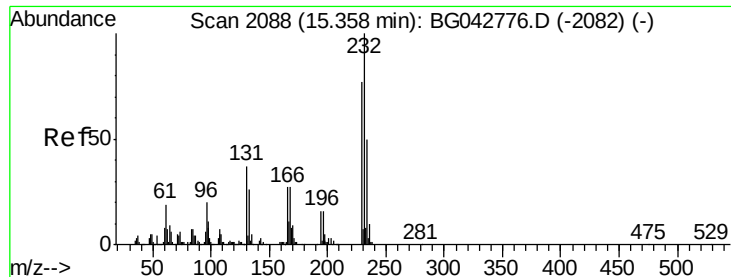
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:165 | Resp: | 202980    |
| Ion Ratio   | Lower | Upper     |
| 165         | 100   |           |
| 63          | 48.6  | 38.3 57.5 |
| 89          | 73.7  | 58.4 87.6 |
| 182         | 3.2   | 2.9 4.3   |



#58  
Fluorene  
Concen: 40.510 ng  
RT: 15.78 min Scan# 2160  
Delta R.T. -0.01 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:166 | Resp: | 651727     |
| Ion Ratio   | Lower | Upper      |
| 166         | 100   |            |
| 165         | 100.6 | 79.1 118.7 |
| 167         | 13.9  | 10.7 16.1  |

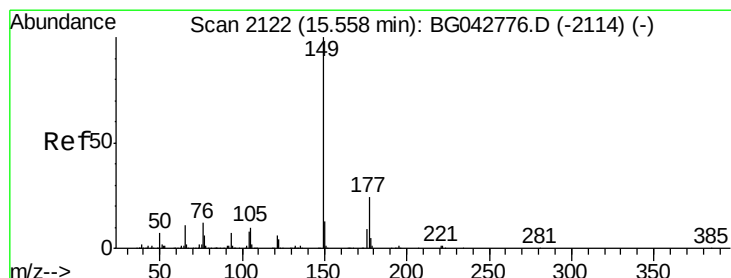
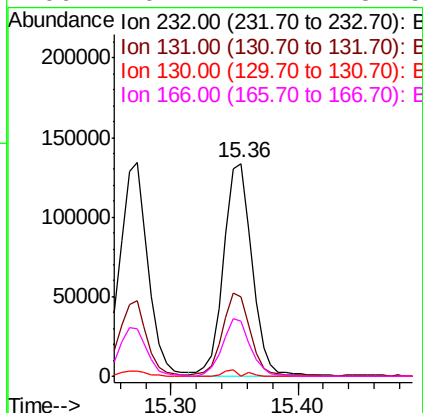
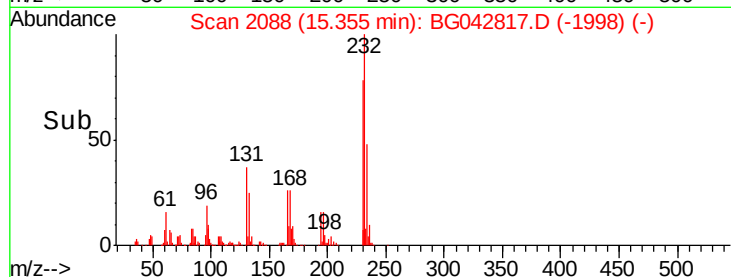
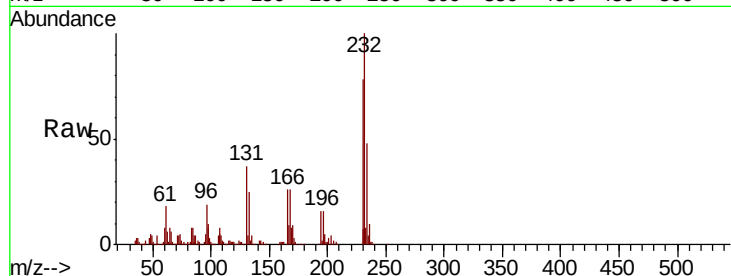




#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 42.221 ng  
 RT: 15.36 min Scan# 2088  
 Delta R.T. -0.00 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

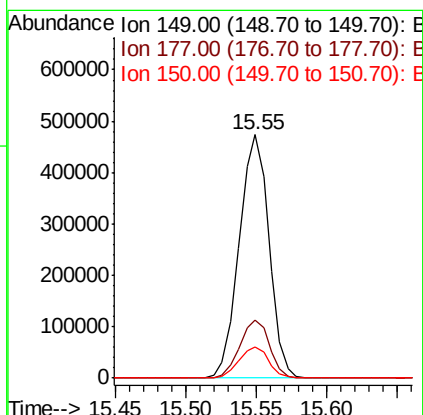
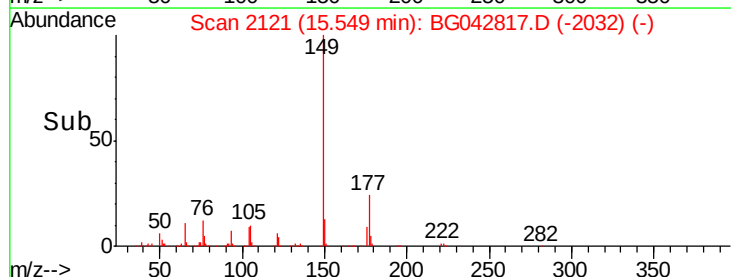
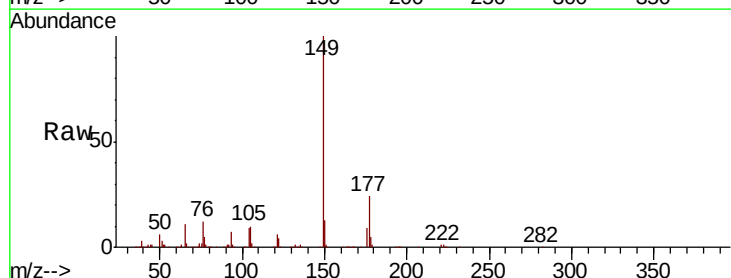
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

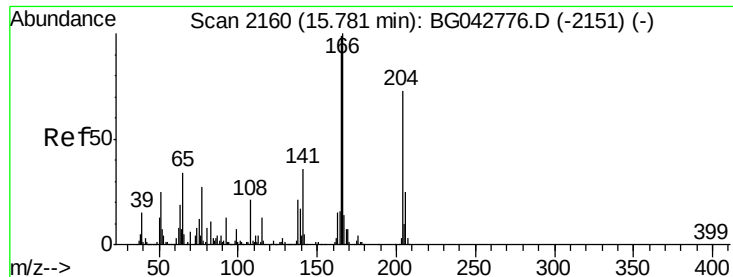
|             |       |           |
|-------------|-------|-----------|
| Tot Ion:232 | Resp: | 208334    |
| Ion Ratio   | Lower | Upper     |
| 232         | 100   |           |
| 131         | 38.7  | 31.1 46.7 |
| 130         | 2.0   | 1.8 2.6   |
| 166         | 26.2  | 21.7 32.5 |



#60  
 Diethylphthalate  
 Concen: 40.537 ng  
 RT: 15.55 min Scan# 2121  
 Delta R.T. -0.01 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:149 | Resp: | 696314    |
| Ion Ratio   | Lower | Upper     |
| 149         | 100   |           |
| 177         | 23.7  | 19.4 29.0 |
| 150         | 13.0  | 10.2 15.4 |





#61

4-Chlorophenyl-phenylether

Concen: 40.364 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

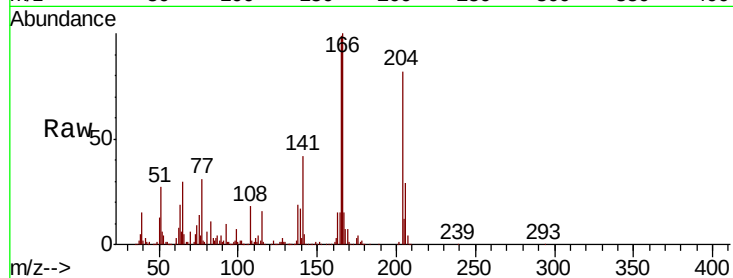
Tot Ion:204 Resp: 383960

Ion Ratio Lower Upper

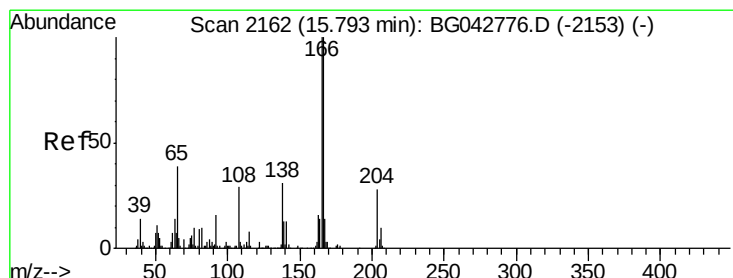
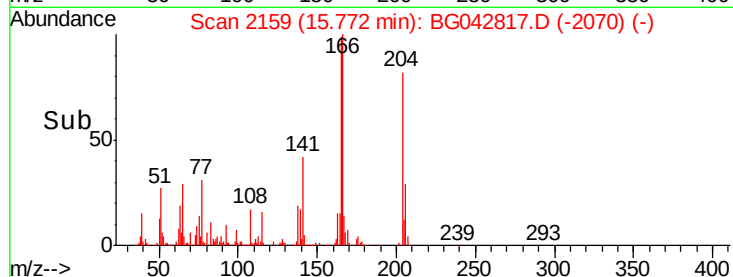
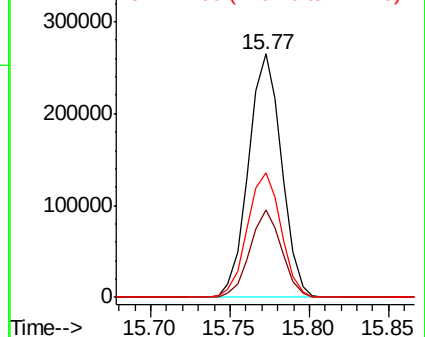
204 100

206 36.1 27.6 41.4

141 50.9 39.8 59.6



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



#62

4-Nitroaniline

Concen: 41.814 ng

RT: 15.78 min Scan# 2161

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

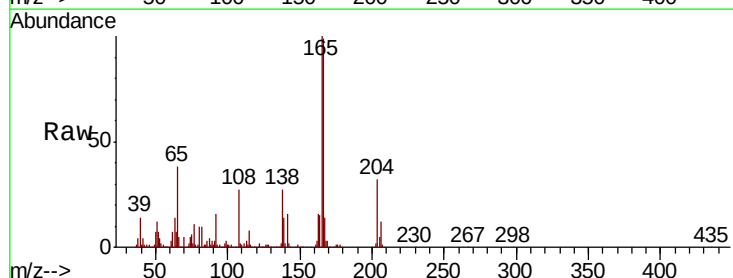
Tgt Ion:138 Resp: 175640

Ion Ratio Lower Upper

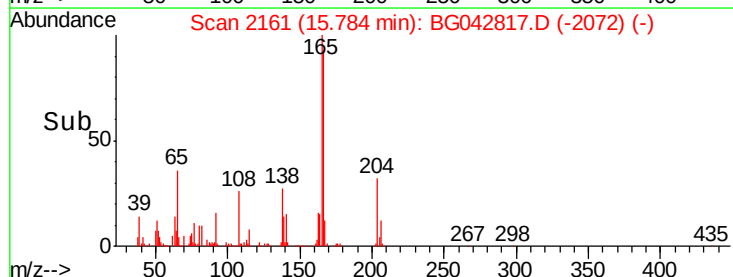
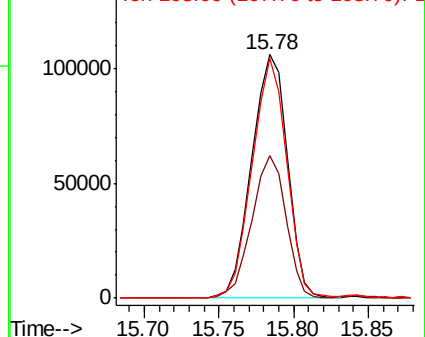
138 100

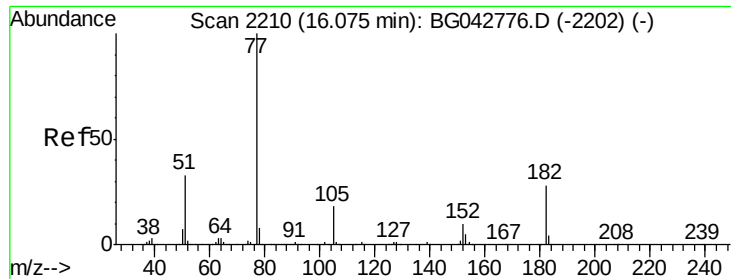
92 58.4 31.4 71.4

108 98.4 74.8 114.8



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





#63

Azobenzene

Concen: 41.134 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 680405

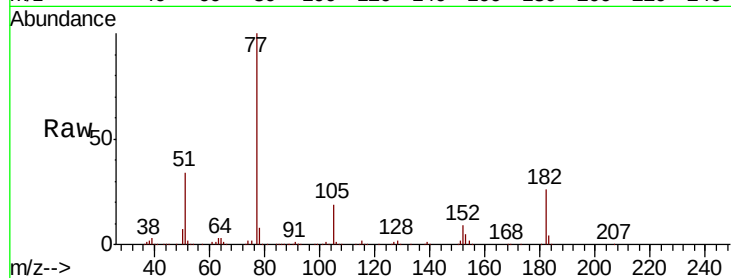
Ion Ratio Lower Upper

77 100

182 25.8 8.1 48.1

105 18.6 0.0 38.1

51 33.7 12.9 52.9

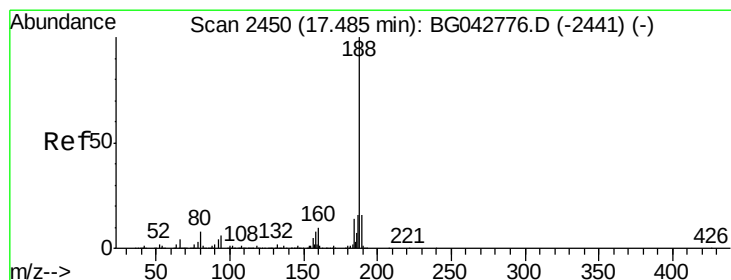
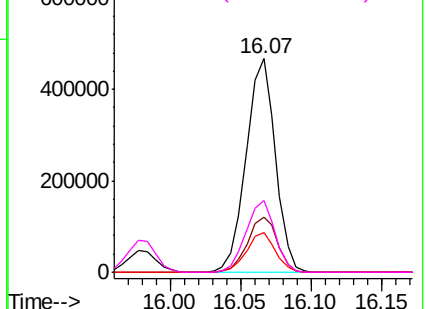
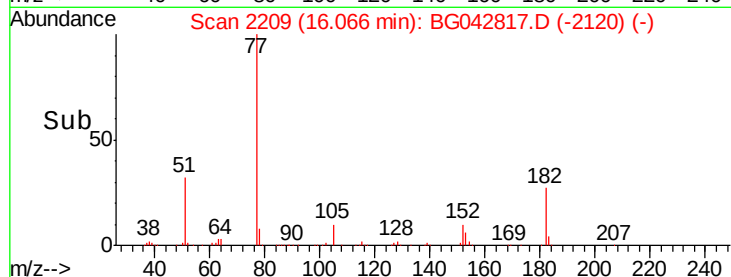


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.48 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

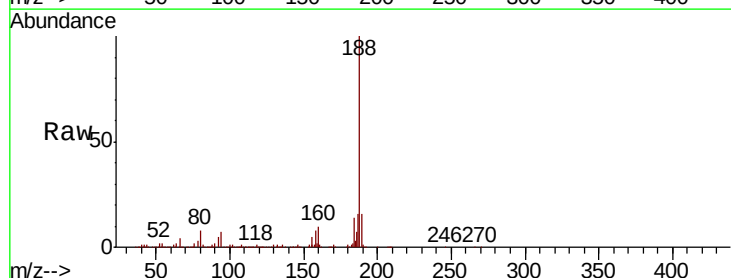
Tgt Ion: 188 Resp: 538501

Ion Ratio Lower Upper

188 100

94 7.1 4.8 7.2

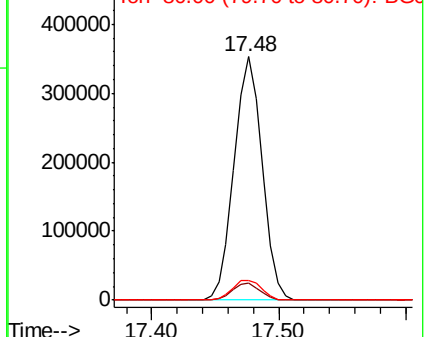
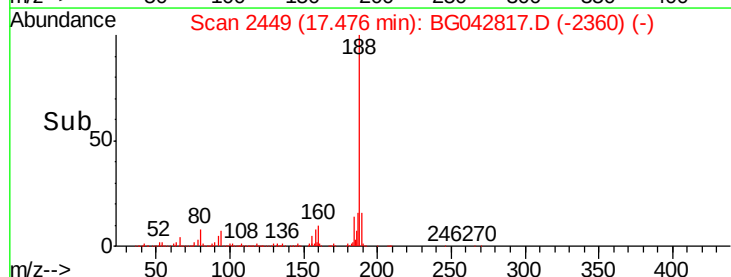
80 8.3 6.6 9.8

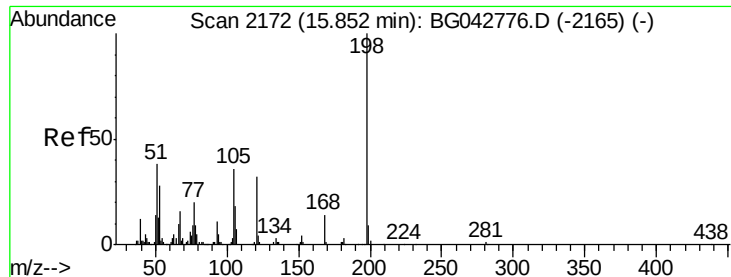


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

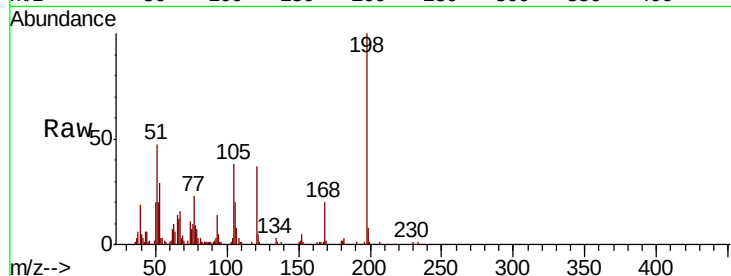




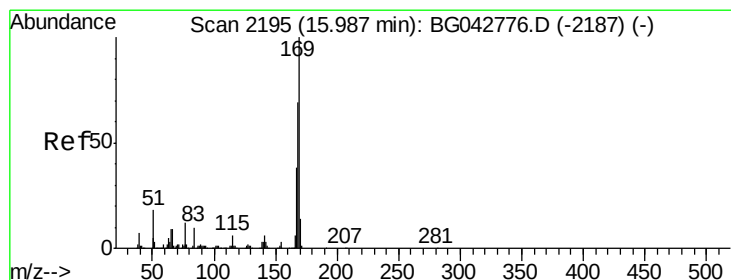
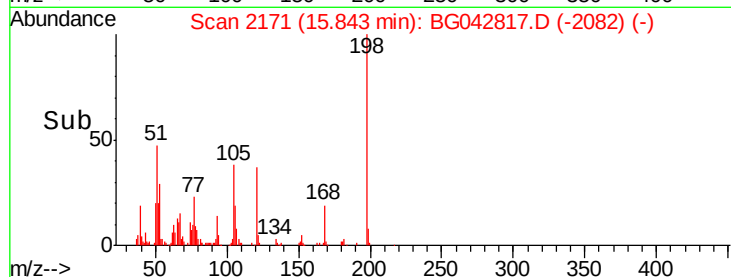
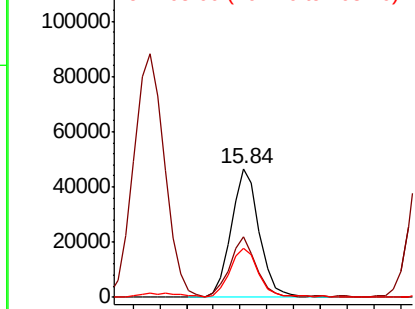
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 29.644 ng  
 RT: 15.84 min Scan# 2171  
 Delta R.T. -0.01 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | 198   | Resp  | 68304 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 198     | 100   |       |       |
| 51      | 47.3  | 20.9  | 60.9  |
| 105     | 38.3  | 16.4  | 56.4  |

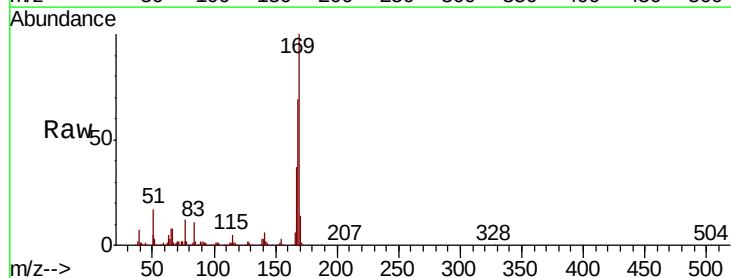


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

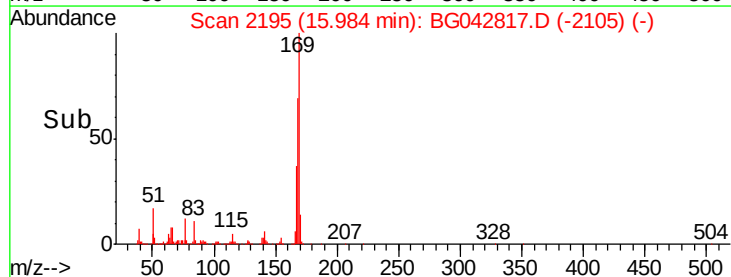
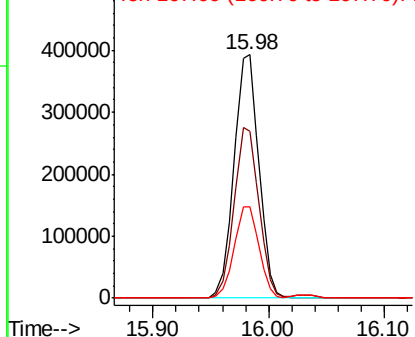


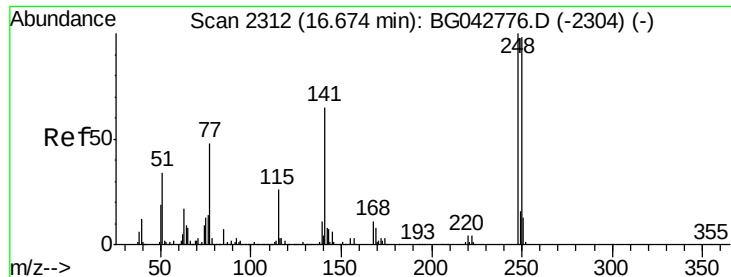
#66  
 n-Nitrosodiphenylamine  
 Concen: 40.307 ng  
 RT: 15.98 min Scan# 2195  
 Delta R.T. -0.00 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

| Tgt Ion | 169   | Resp  | 584073 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 169     | 100   |       |        |
| 168     | 68.5  | 55.4  | 83.2   |
| 167     | 37.5  | 30.4  | 45.6   |



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

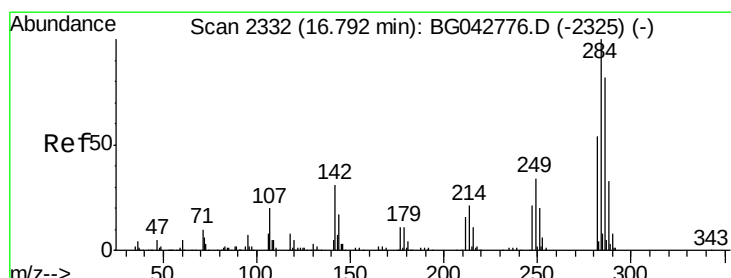
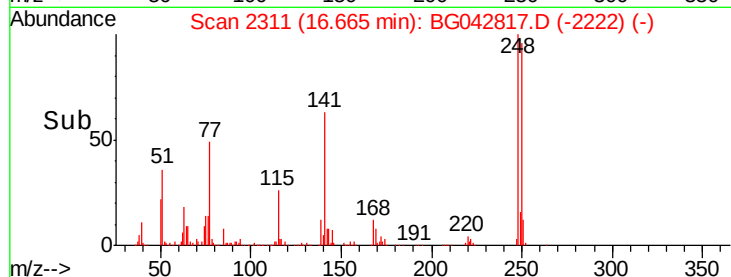
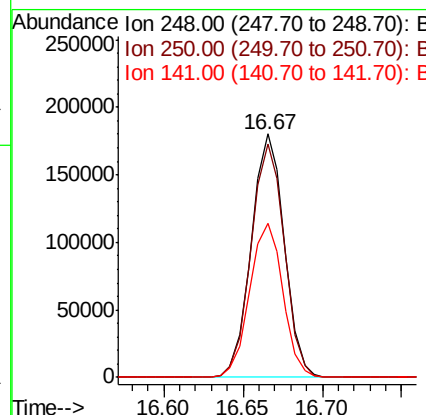
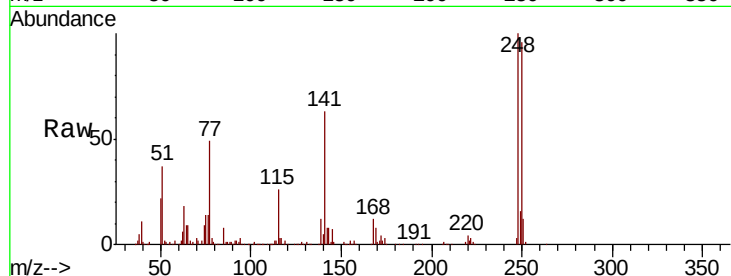




#67  
4-Bromophenyl-phenylether  
Concen: 39.819 ng  
RT: 16.67 min Scan# 2311  
Delta R.T. -0.01 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

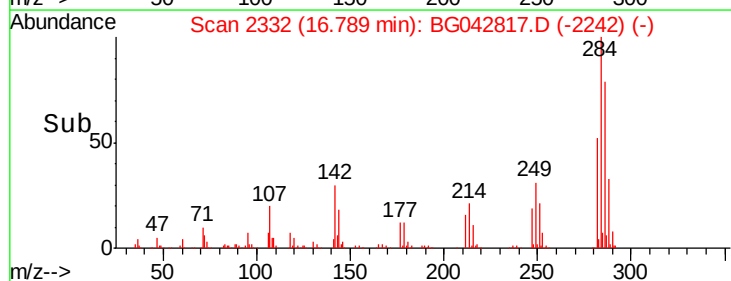
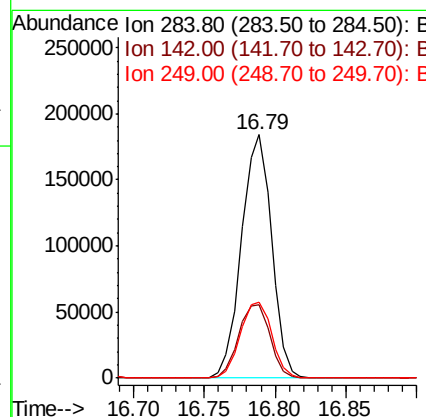
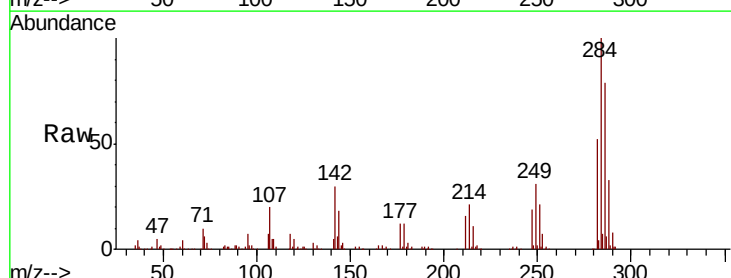
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

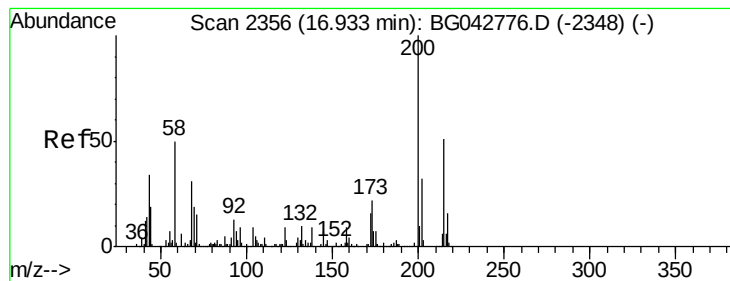
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 95.7  | 78.0  | 117.0 |
| 141     | 63.2  | 51.8  | 77.6  |



#68  
Hexachlorobenzene  
Concen: 39.472 ng  
RT: 16.79 min Scan# 2332  
Delta R.T. -0.00 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.3  | 24.7  | 37.1  |
| 249     | 31.4  | 27.0  | 40.4  |





#69

Atrazine

Concen: 34.828 ng

RT: 16.92 min Scan# 2355

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

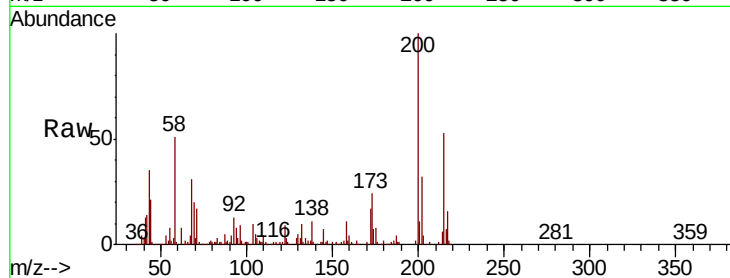
Tot Ion:200 Resp: 175748

Ion Ratio Lower Upper

200 100

173 24.1 2.5 42.5

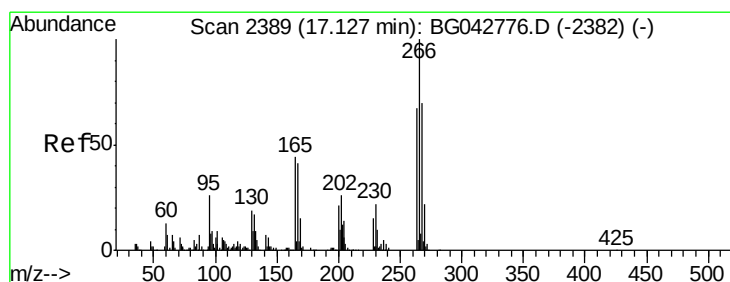
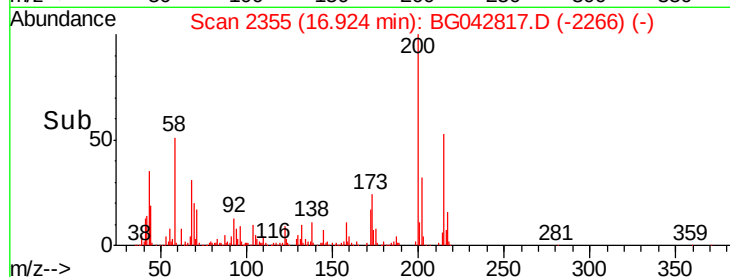
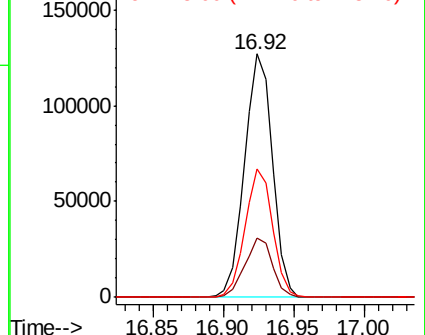
215 53.0 31.0 71.0



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 45.580 ng

RT: 17.12 min Scan# 2389

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

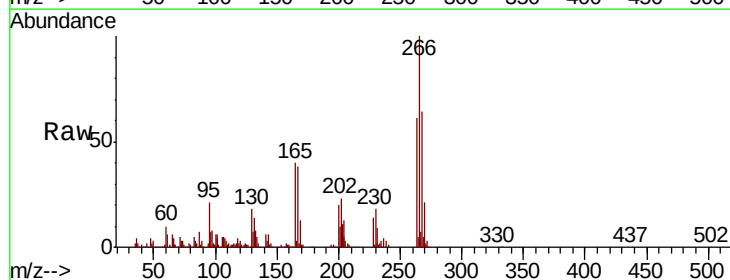
Tgt Ion:266 Resp: 188315

Ion Ratio Lower Upper

266 100

268 63.8 56.2 84.4

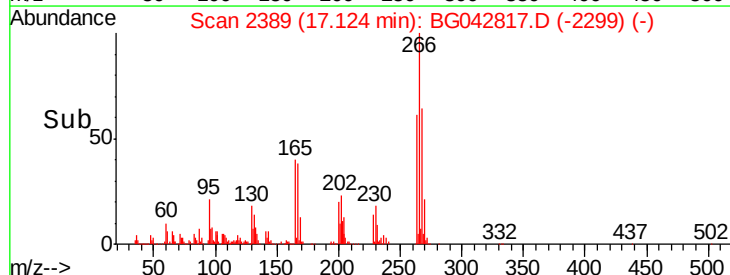
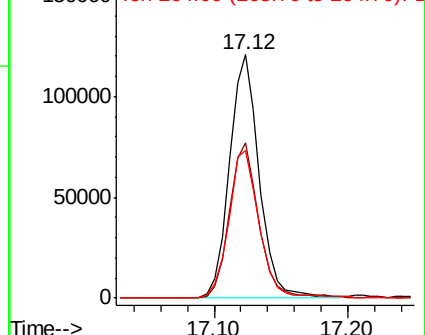
264 60.7 53.4 80.2

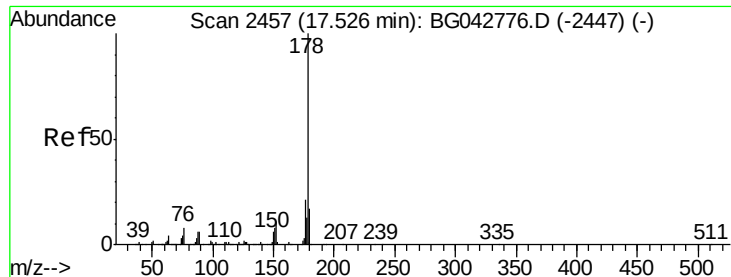


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

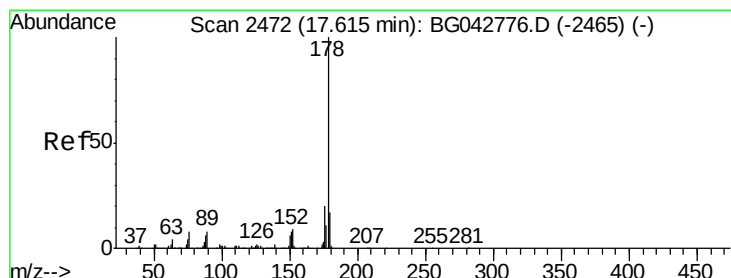
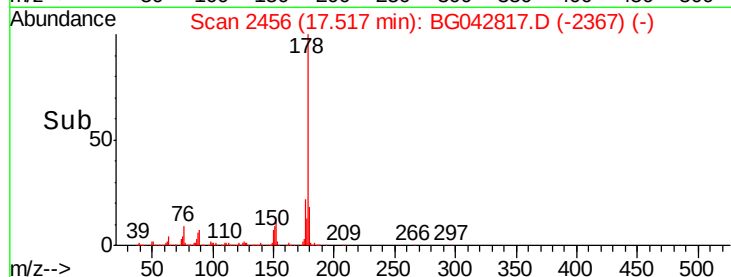
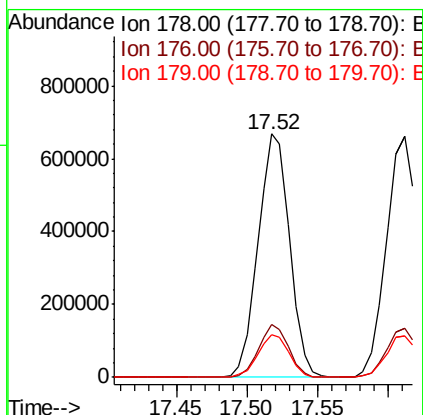
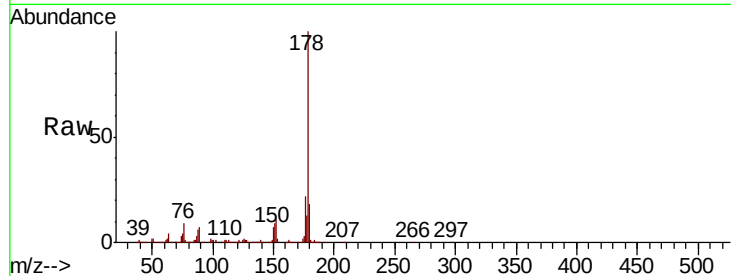




#71  
Phenanthrene  
Concen: 40.776 ng  
RT: 17.52 min Scan# 2456  
Delta R.T. -0.01 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

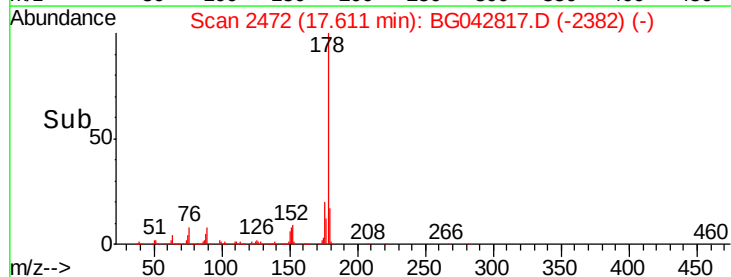
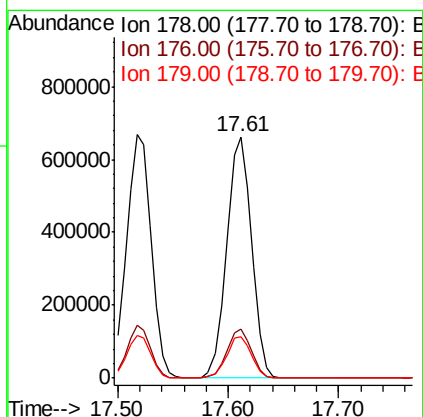
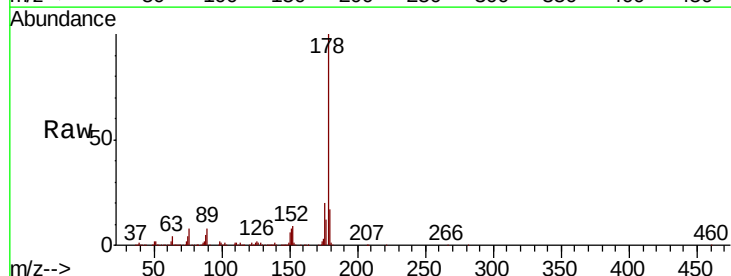
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:178 Resp: 1050118  
Ion Ratio Lower Upper  
178 100  
176 21.6 17.0 25.4  
179 17.6 13.6 20.4

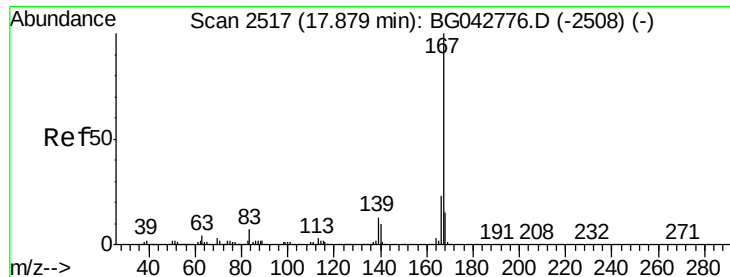


#72  
Anthracene  
Concen: 40.637 ng  
RT: 17.61 min Scan# 2472  
Delta R.T. -0.00 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

Tgt Ion:178 Resp: 1045536  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.2 24.4  
179 17.2 13.6 20.4



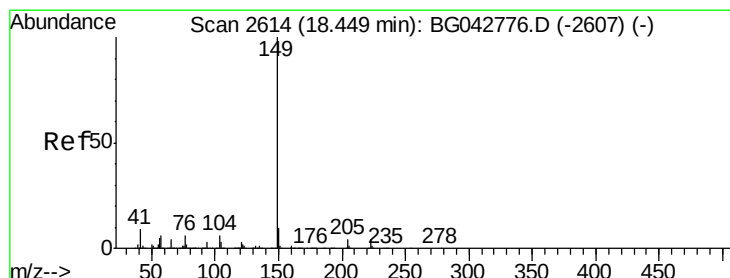
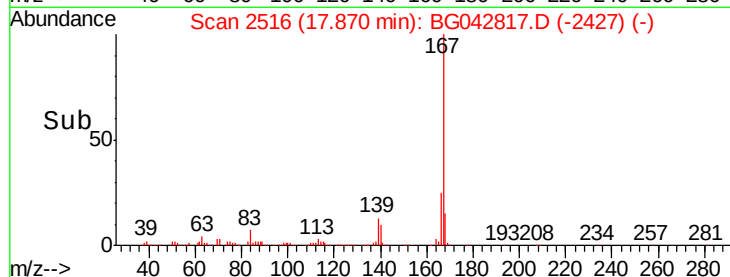
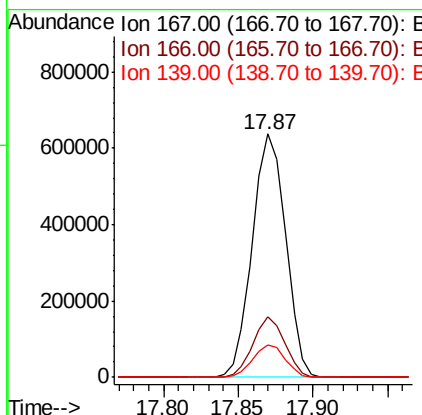
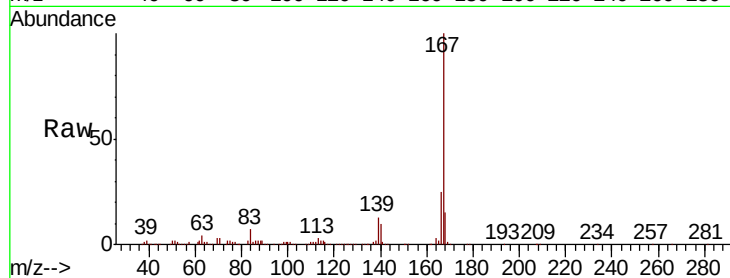




#73  
 Carbazole  
 Concen: 40.319 ng  
 RT: 17.87 min Scan# 2516  
 Delta R.T. -0.01 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

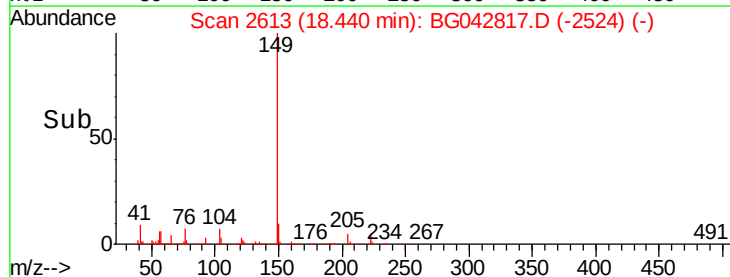
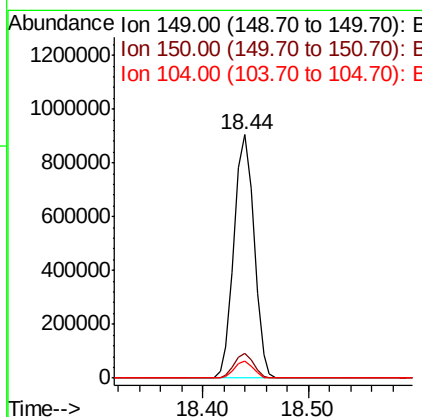
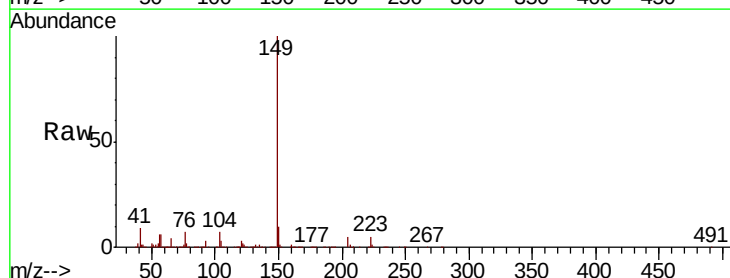
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

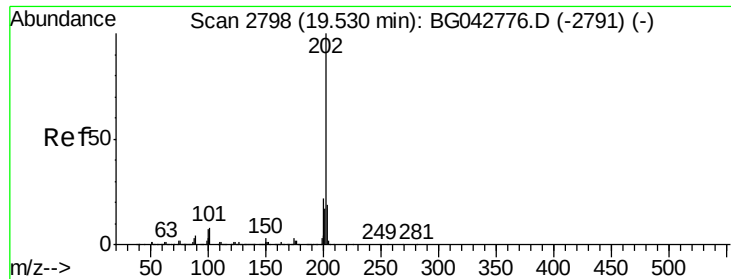
Tot Ion:167 Resp: 985972  
 Ion Ratio Lower Upper  
 167 100  
 166 24.7 18.3 27.5  
 139 13.4 10.2 15.4



#74  
 Di-n-butylphthalate  
 Concen: 40.359 ng  
 RT: 18.44 min Scan# 2613  
 Delta R.T. -0.01 min  
 Lab File: BG042817.D  
 Acq: 13 Sep 2019 15:22

Tgt Ion:149 Resp: 1182262  
 Ion Ratio Lower Upper  
 149 100  
 150 10.4 8.0 12.0  
 104 6.8 5.1 7.7





#75

Fluoranthene

Concen: 40.723 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

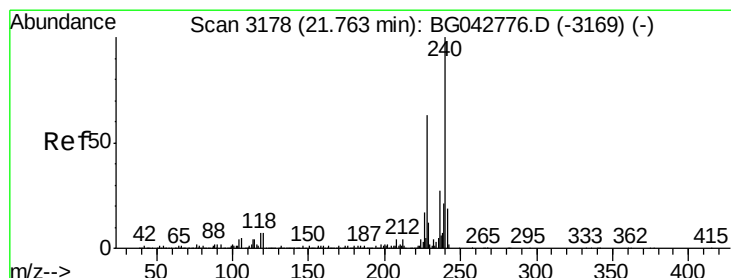
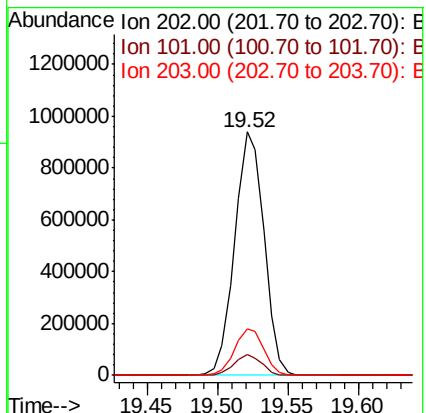
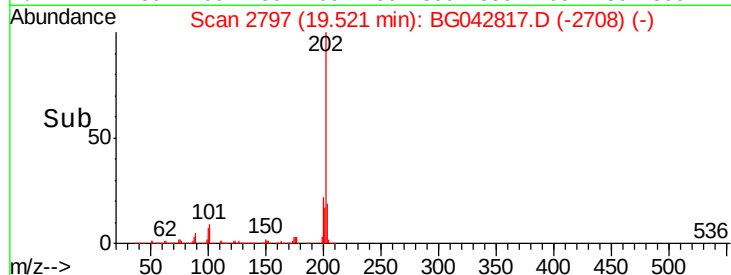
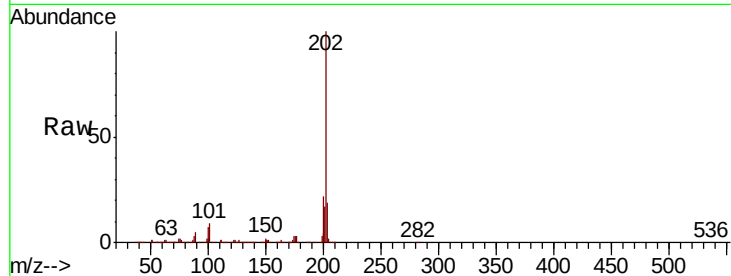
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:202 Resp: 1359197

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 8.7   | 0.0   | 27.8  |
| 203 | 19.3  | 0.0   | 39.1  |



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.75 min Scan# 3177

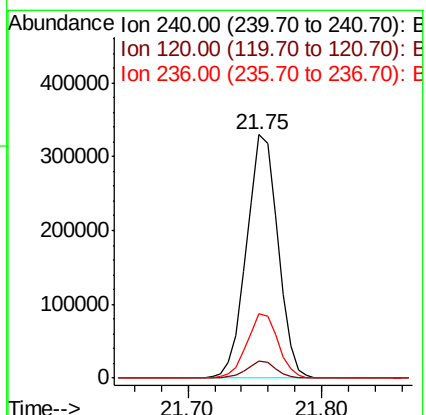
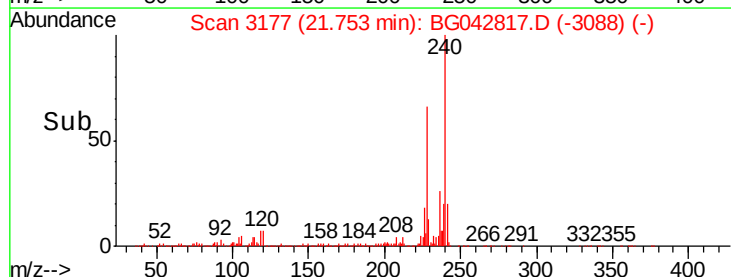
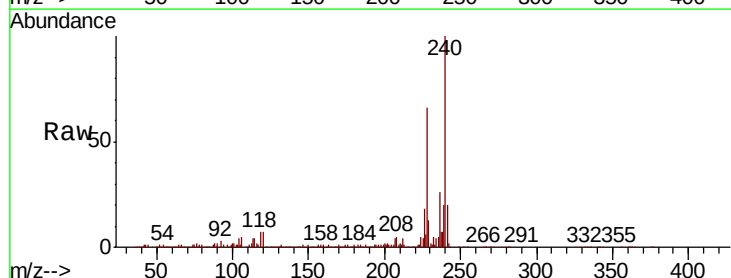
Delta R.T. -0.01 min

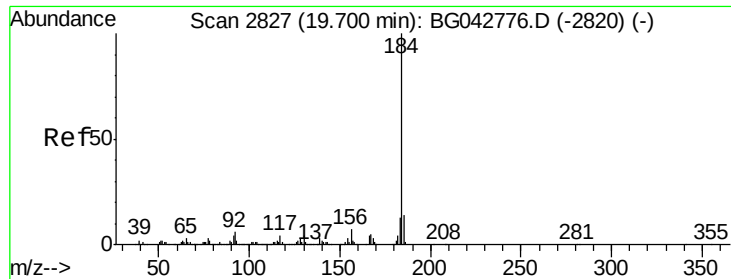
Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Tgt Ion:240 Resp: 532324

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 7.2   | 5.4   | 8.2   |
| 236 | 26.5  | 21.7  | 32.5  |





#77

Benzidine

Concen: 38.809 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

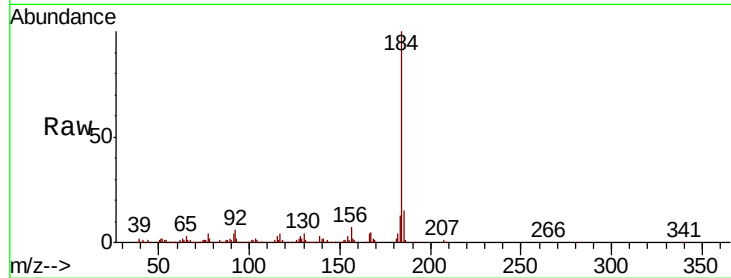
Tot Ion:184 Resp: 577193

Ion Ratio Lower Upper

184 100

185 14.9 11.6 17.4

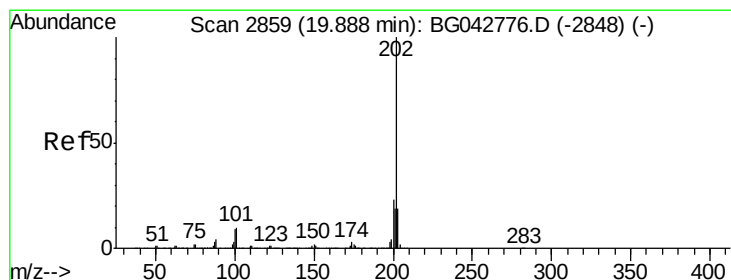
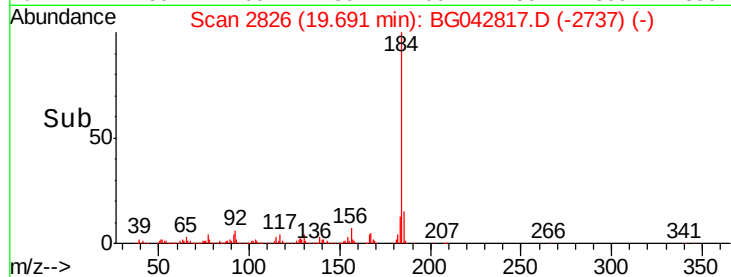
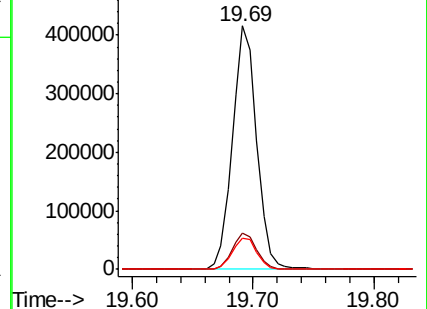
183 13.1 10.4 15.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.728 ng

RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

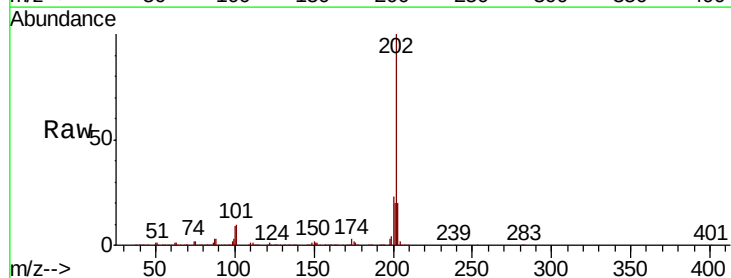
Tgt Ion:202 Resp: 1357348

Ion Ratio Lower Upper

202 100

200 23.4 18.5 27.7

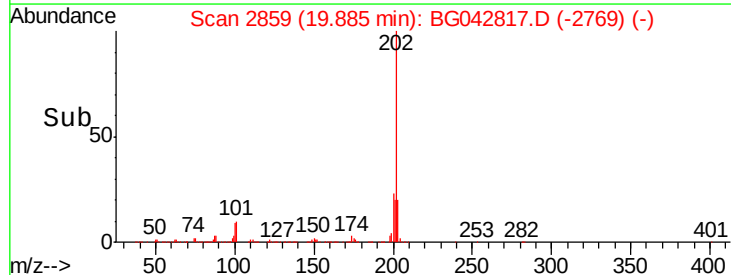
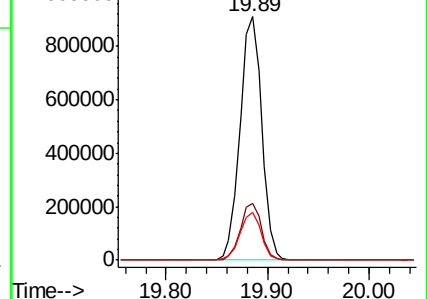
203 19.6 15.3 22.9

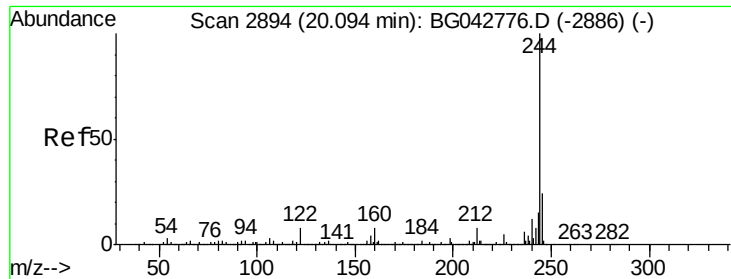


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.881 ng

RT: 20.08 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

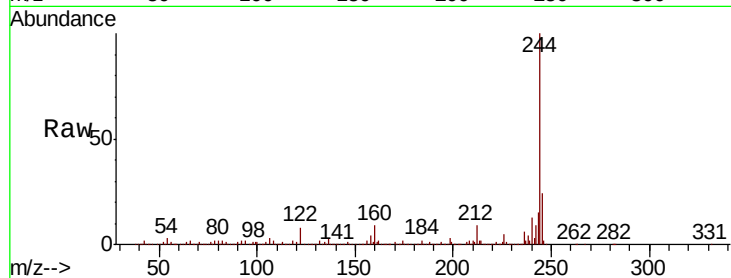
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:244 Resp: 1990703

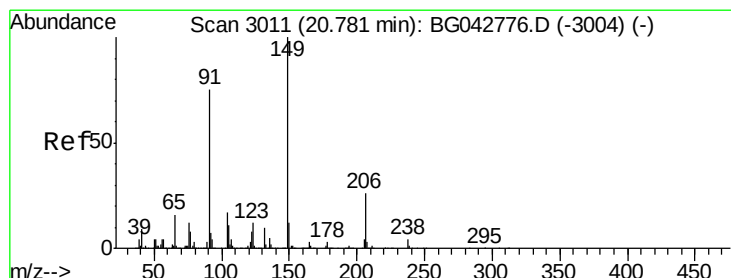
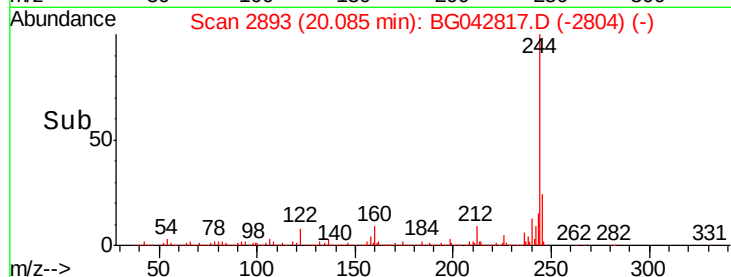
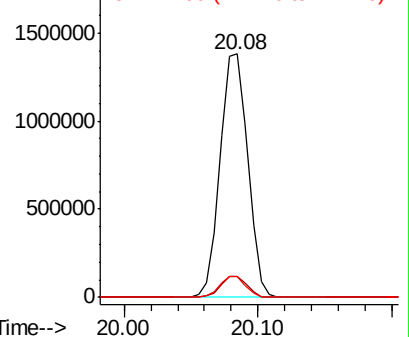
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 8.6   | 6.6   | 10.0  |
| 122 | 8.4   | 6.2   | 9.4   |



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: 40.957 ng

RT: 20.77 min Scan# 3010

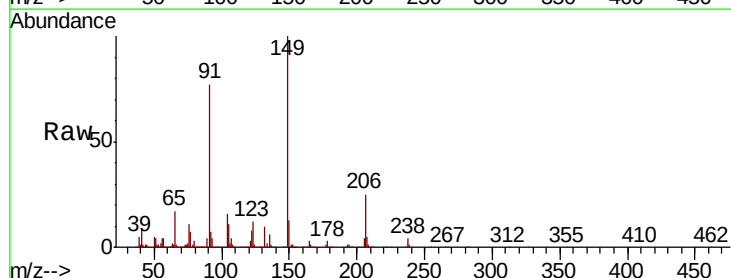
Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Tgt Ion:149 Resp: 552423

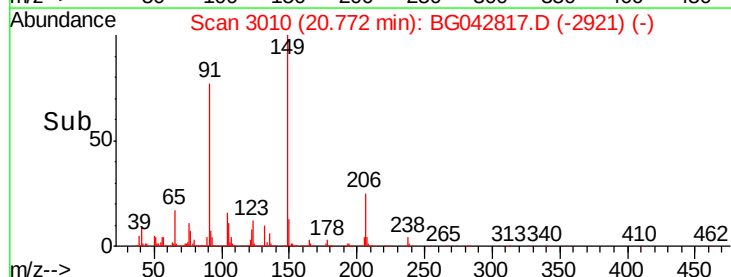
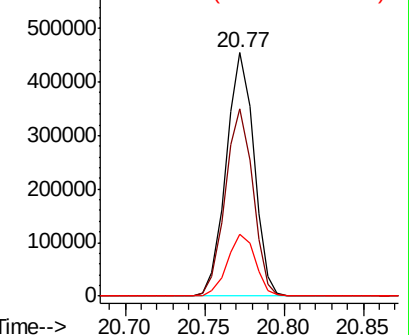
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 77.1  | 60.2  | 90.2  |
| 206 | 25.4  | 20.6  | 30.8  |

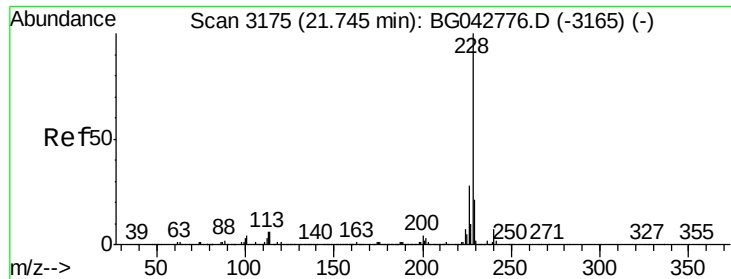


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

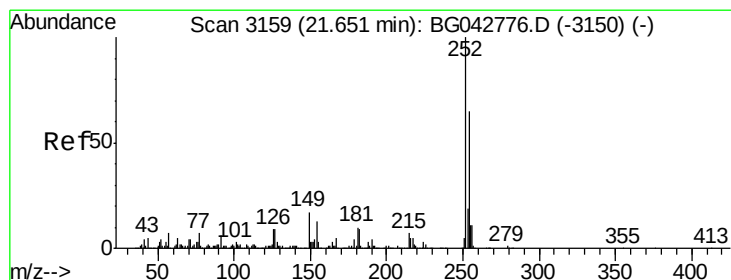
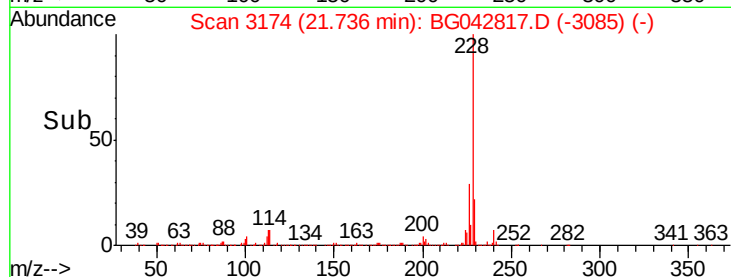
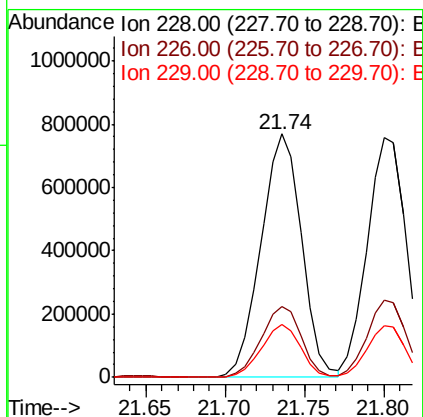
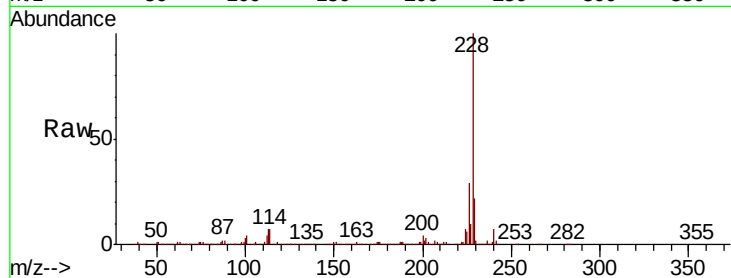




#81  
Benzo(a)anthracene  
Concen: 40.501 ng  
RT: 21.74 min Scan# 3174  
Delta R.T. -0.01 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

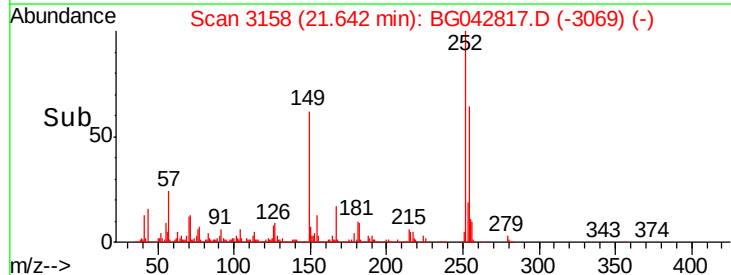
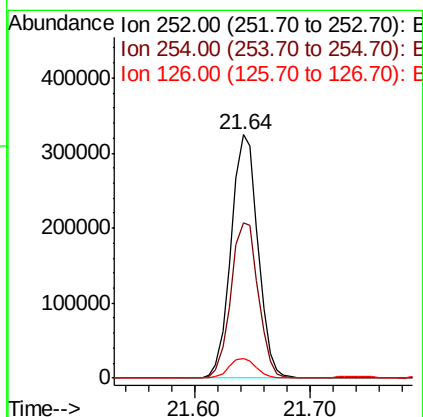
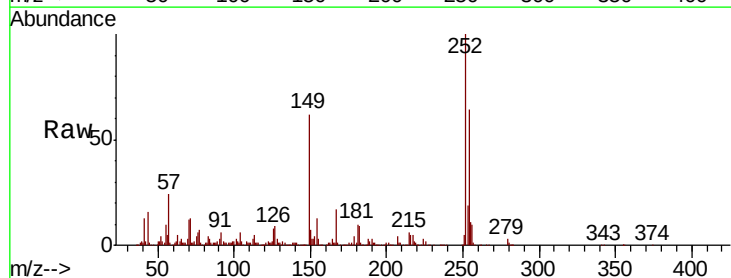
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

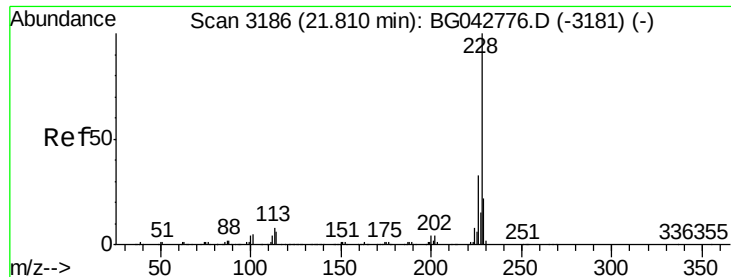
Tot Ion:228 Resp: 1370811  
Ion Ratio Lower Upper  
228 100  
226 28.9 22.5 33.7  
229 21.7 17.2 25.8



#82  
3,3'-Dichlorobenzidine  
Concen: 39.749 ng  
RT: 21.64 min Scan# 3158  
Delta R.T. -0.01 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

Tgt Ion:252 Resp: 522827  
Ion Ratio Lower Upper  
252 100  
254 63.8 52.2 78.2  
126 7.9 7.0 10.4





#83

Chrysene

Concen: 40.306 ng

RT: 21.80 min Scan# 3185

Delta R.T. -0.01 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

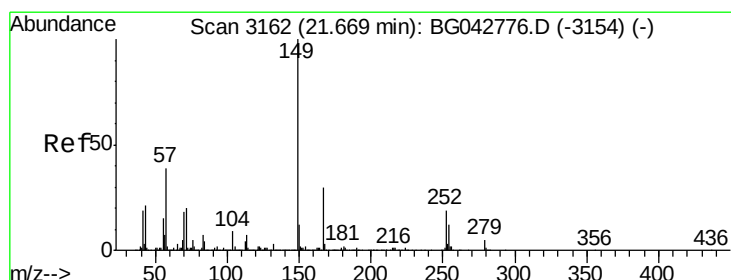
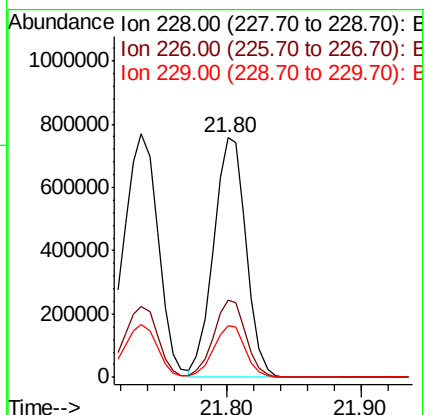
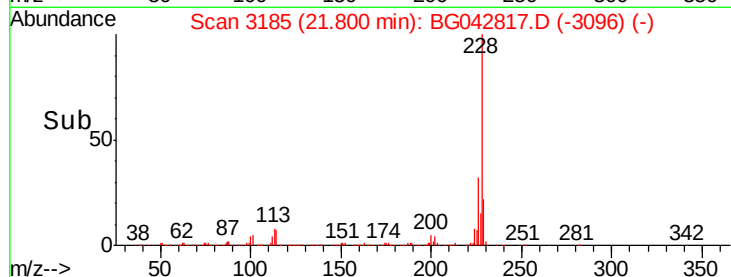
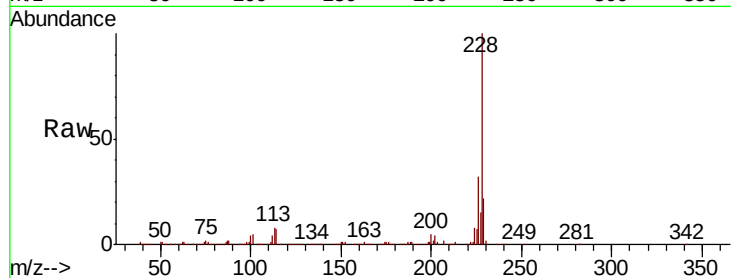
Tot Ion:228 Resp: 1292213

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 32.4  | 26.0  | 39.0  |
| 229 | 21.6  | 17.1  | 25.7  |

228 100

226 32.4 26.0 39.0

229 21.6 17.1 25.7



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.671 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.02 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

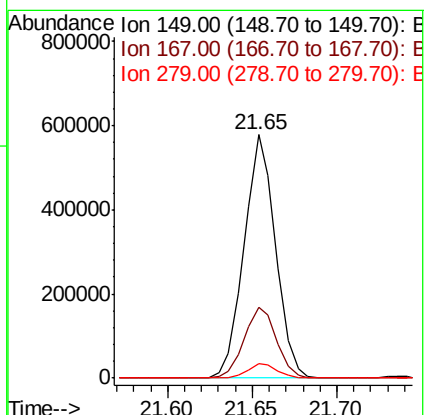
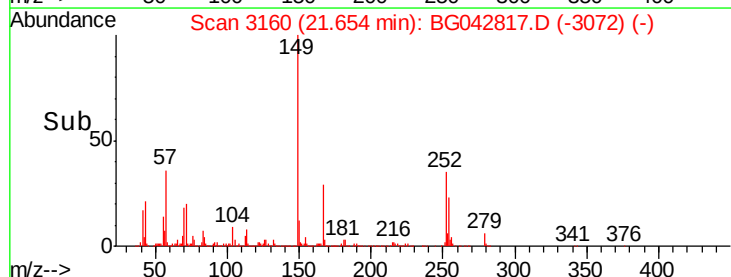
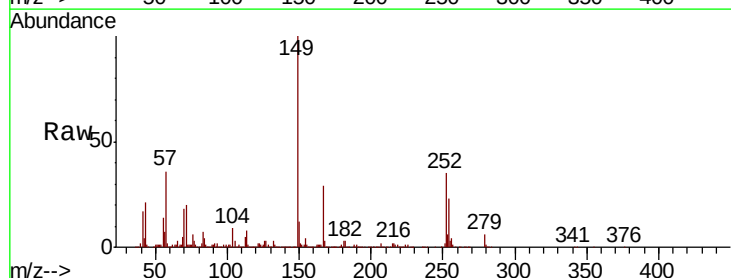
Tgt Ion:149 Resp: 749540

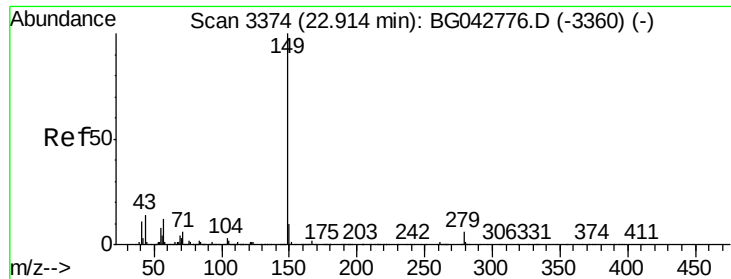
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.9  | 24.3  | 36.5  |
| 279 | 5.8   | 4.2   | 6.4   |

149 100

167 28.9 24.3 36.5

279 5.8 4.2 6.4





#85

Di-n-octyl phthalate

Concen: 40.728 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

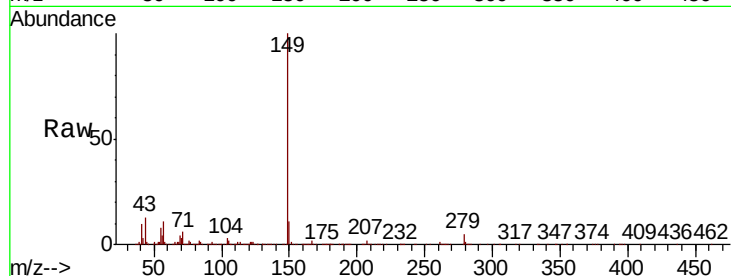
Tot Ion:149 Resp: 1279582

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

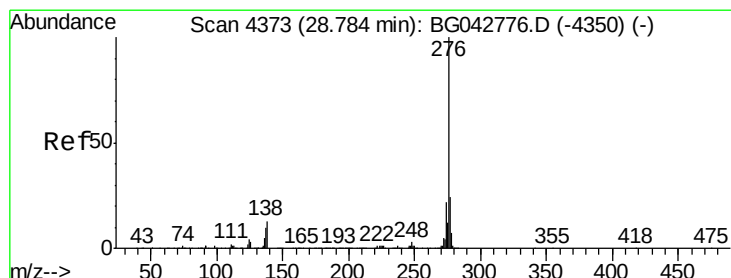
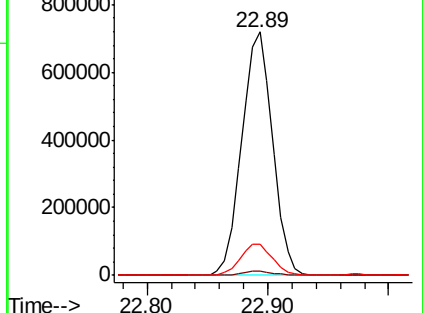
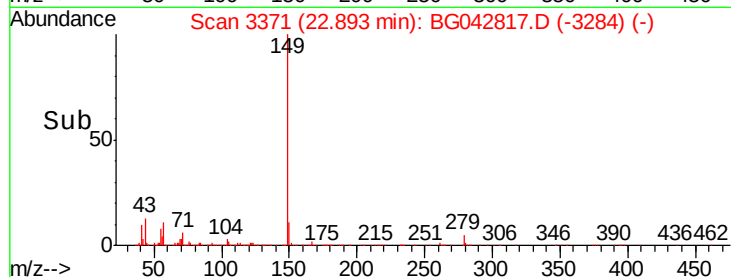
43 13.4 10.6 15.8



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: 40.338 ng

RT: 28.75 min Scan# 4368

Delta R.T. -0.03 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

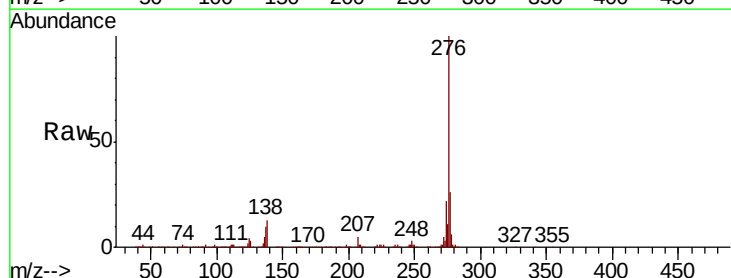
Tgt Ion:276 Resp: 1601482

Ion Ratio Lower Upper

276 100

138 11.2 9.3 13.9

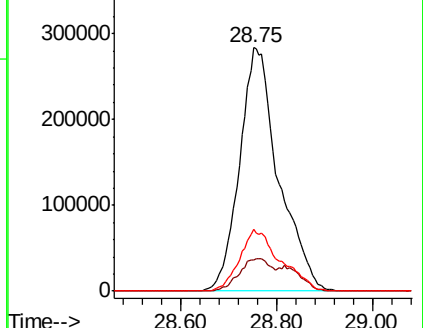
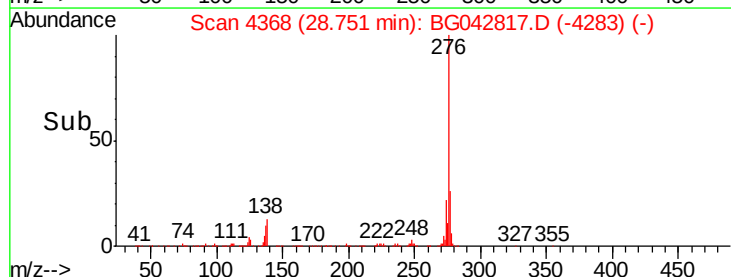
277 26.5 17.2 25.8#

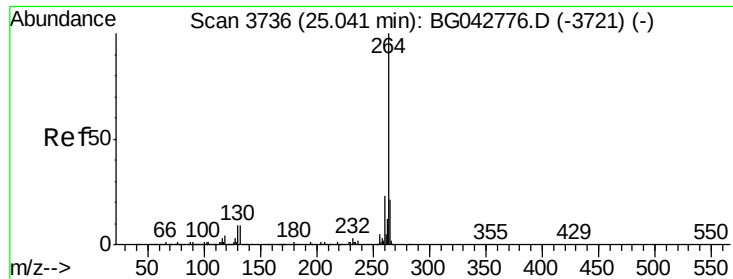


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

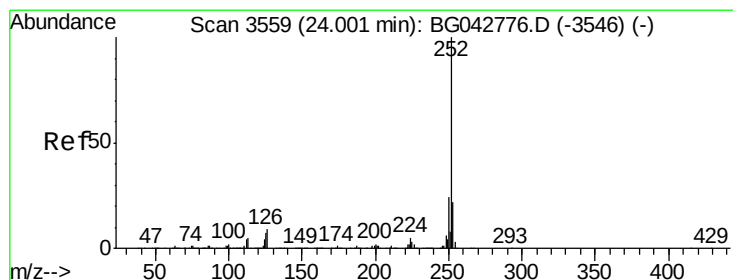
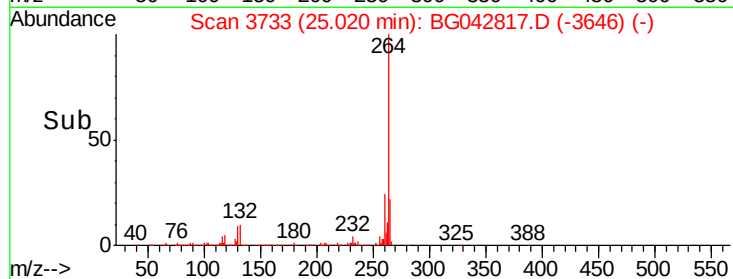
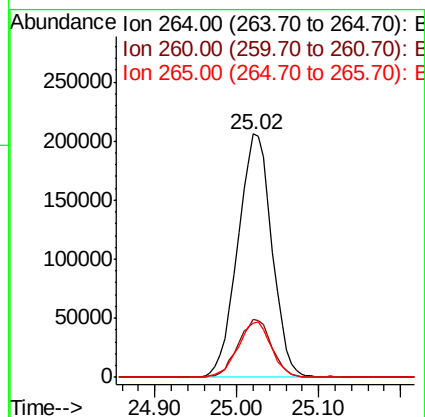
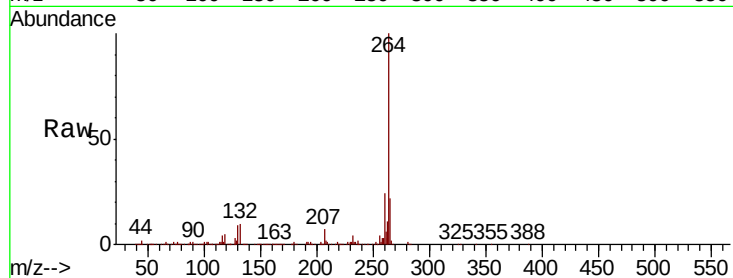




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.02 min Scan# 3733  
Delta R.T. -0.02 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

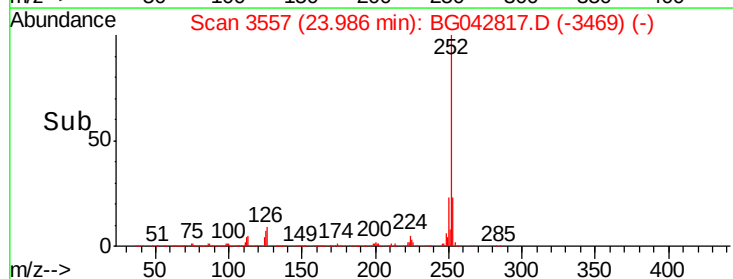
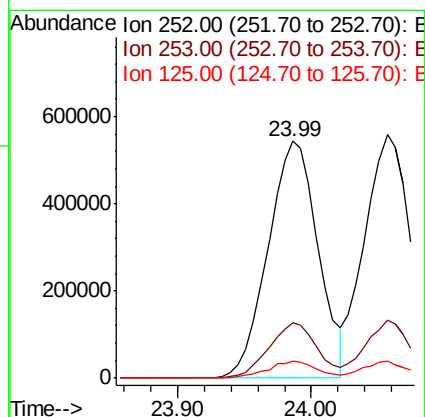
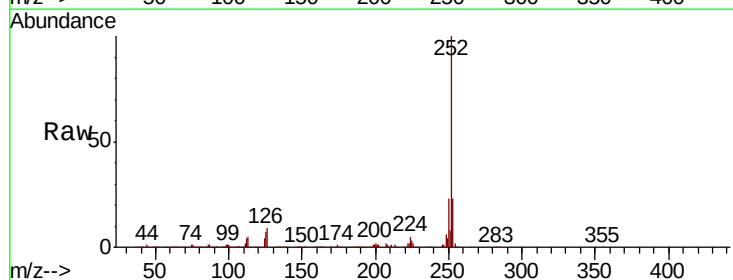
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:264 Resp: 596378  
Ion Ratio Lower Upper  
264 100  
260 23.9 18.2 27.2  
265 22.1 16.9 25.3

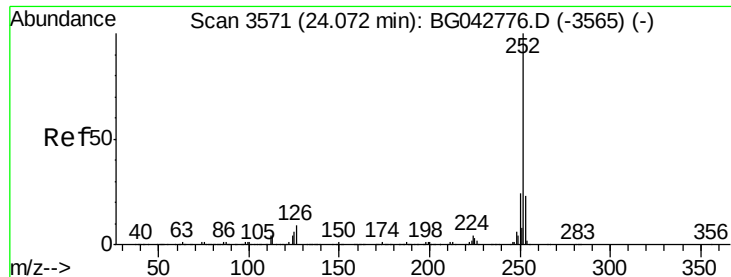


#88  
Benzo(b)fluoranthene  
Concen: 40.321 ng  
RT: 23.99 min Scan# 3557  
Delta R.T. -0.02 min  
Lab File: BG042817.D  
Acq: 13 Sep 2019 15:22

Tgt Ion:252 Resp: 1411956  
Ion Ratio Lower Upper  
252 100  
253 23.3 17.9 26.9  
125 7.0 5.6 8.4







#89

Benzo(k)fluoranthene

Concen: 40.380 ng

RT: 24.06 min Scan# 3569

Delta R.T. -0.02 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

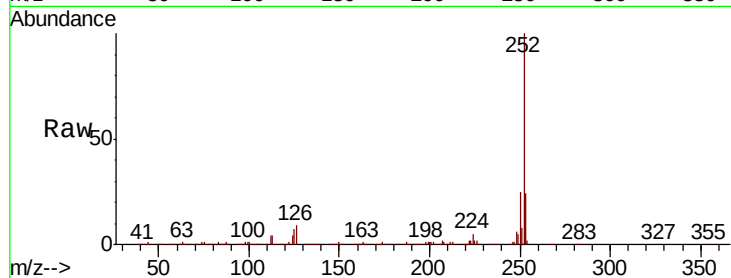
Tot Ion:252 Resp: 1335730

Ion Ratio Lower Upper

252 100

253 23.9 18.2 27.4

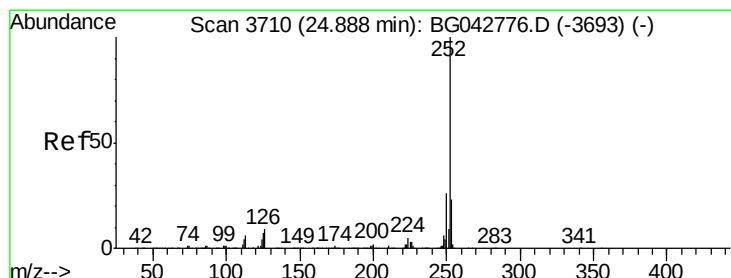
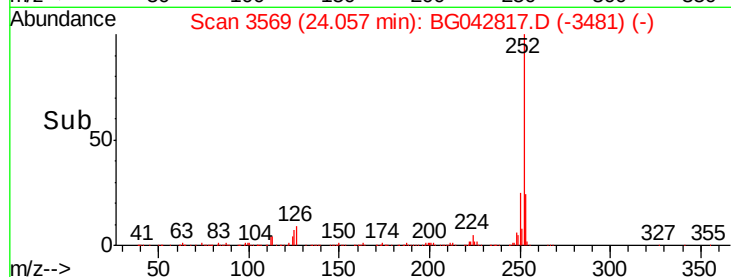
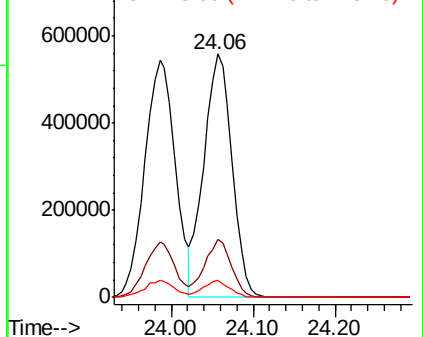
125 6.9 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.399 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.02 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

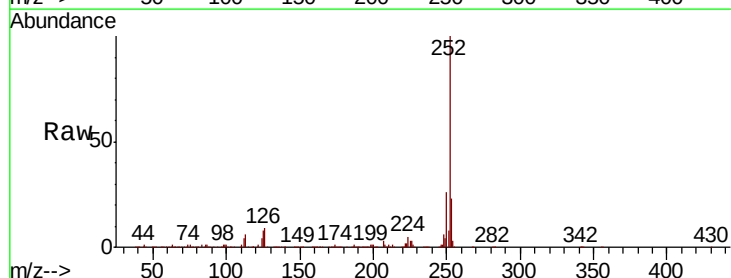
Tgt Ion:252 Resp: 1324675

Ion Ratio Lower Upper

252 100

253 22.6 18.1 27.1

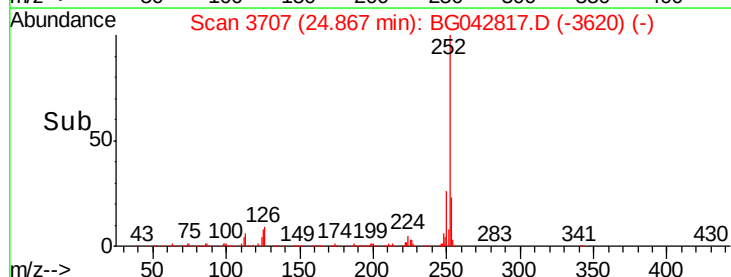
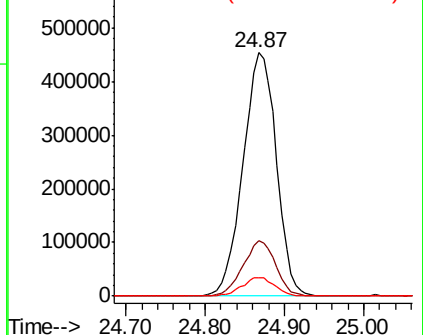
125 7.5 5.7 8.5

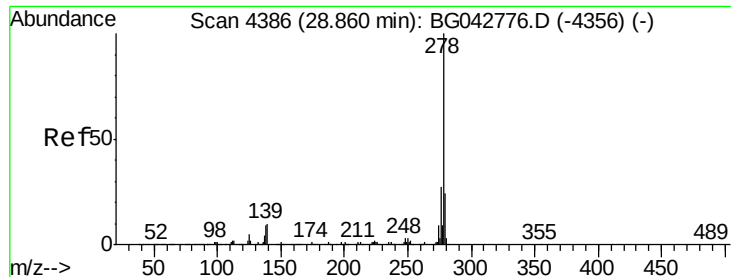


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.644 ng

RT: 28.83 min Scan# 4381

Delta R.T. -0.03 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

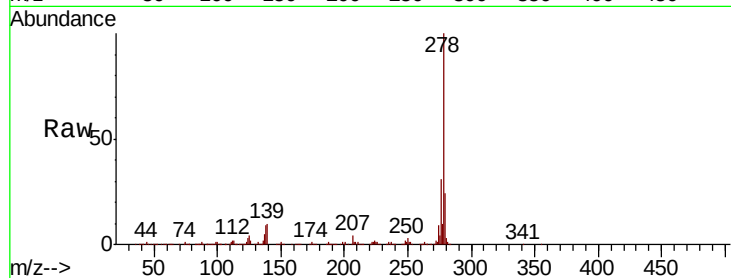
Tot Ion:278 Resp: 1310764

Ion Ratio Lower Upper

278 100

139 10.3 8.2 12.2

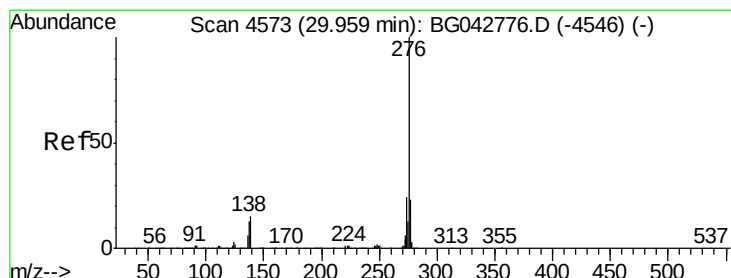
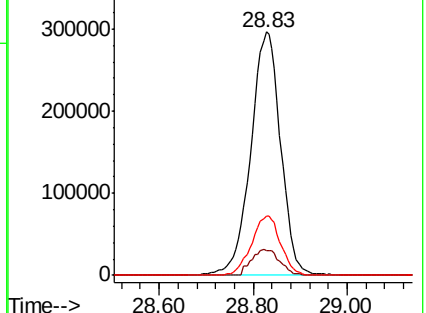
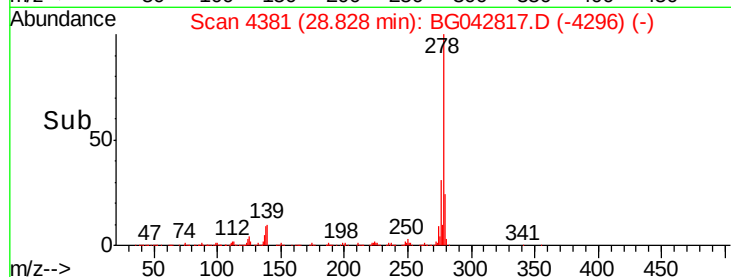
279 24.4 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.081 ng

RT: 29.93 min Scan# 4568

Delta R.T. -0.03 min

Lab File: BG042817.D

Acq: 13 Sep 2019 15:22

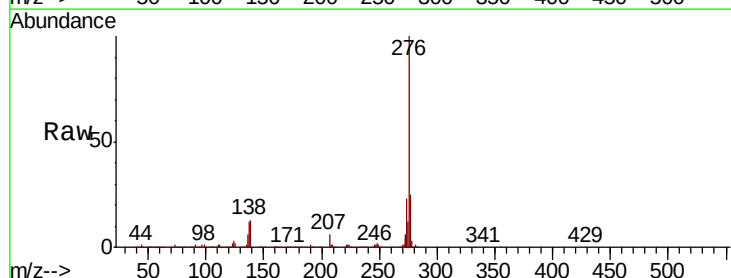
Tgt Ion:276 Resp: 1260813

Ion Ratio Lower Upper

276 100

277 24.7 18.4 27.6

138 13.0 11.8 17.8



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

