

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\  
 Data File : BG041684.D  
 Acq On : 17 Jul 2019 11:27  
 Operator : HP/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jul 18 07:06:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 15 16:16:21 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 98067    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.86 | 136  | 429028   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.67 | 164  | 260749   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.40 | 188  | 612104   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.65 | 240  | 571199   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.85 | 264  | 672343   | 20.00 | ng    | -0.01    |

## System Monitoring Compounds

|                          |       |     |         |       |    |      |
|--------------------------|-------|-----|---------|-------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 486834  | 81.15 | ng | 0.00 |
| 7) Phenol-d6             | 7.20  | 99  | 654932  | 81.17 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.20  | 82  | 592805  | 84.03 | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 256756  | 87.37 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.30 | 172 | 1413309 | 83.93 | ng | 0.00 |
| 79) Terphenyl-d14        | 20.01 | 244 | 2005518 | 82.05 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.50  | 88  | 111101 | 38.995 | ng | 99     |
| 3) Pyridine                    | 3.90  | 79  | 313752 | 41.254 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.81  | 42  | 134597 | 38.323 | ng | 98     |
| 6) Aniline                     | 7.37  | 93  | 436300 | 40.233 | ng | 96     |
| 8) 2-Chlorophenol              | 7.61  | 128 | 273252 | 40.235 | ng | 98     |
| 9) Benzaldehyde                | 7.18  | 77  | 203727 | 41.340 | ng | 99     |
| 10) Phenol                     | 7.22  | 94  | 343721 | 40.433 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.47  | 93  | 274275 | 39.948 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146 | 327584 | 40.425 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 325870 | 40.155 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146 | 311141 | 40.666 | ng | 95     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 255388 | 39.757 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.58  | 45  | 564687 | 39.692 | ng | 99     |
| 17) 2-Methylphenol             | 8.48  | 107 | 238131 | 40.505 | ng | 99     |
| 18) Hexachloroethane           | 9.14  | 117 | 117080 | 39.389 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70  | 239967 | 40.689 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 330553 | 41.030 | ng | 99     |
| 22) Acetophenone               | 8.87  | 105 | 419745 | 40.170 | ng | # 96   |
| 24) Nitrobenzene               | 9.25  | 77  | 317878 | 41.306 | ng | 99     |
| 25) Isophorone                 | 9.77  | 82  | 626850 | 40.579 | ng | 100    |
| 26) 2-Nitrophenol              | 9.96  | 139 | 150856 | 43.241 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 10.02 | 122 | 240520 | 39.352 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 386155 | 40.559 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.50 | 162 | 286389 | 41.097 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.71 | 180 | 330887 | 40.440 | ng | 98     |
| 31) Naphthalene                | 10.91 | 128 | 859193 | 40.678 | ng | 98     |
| 32) Benzoic acid               | 10.14 | 122 | 182460 | 40.410 | ng | 96     |
| 33) 4-Chloroaniline            | 11.00 | 127 | 396875 | 40.735 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.20 | 225 | 217770 | 41.410 | ng | 99     |
| 35) Caprolactam                | 11.77 | 113 | 106196 | 41.461 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 299641 | 41.045 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.51 | 142 | 664735 | 41.193 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.72 | 142 | 633702 | 41.191 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216 | 372947 | 41.756 | ng | 99     |

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 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

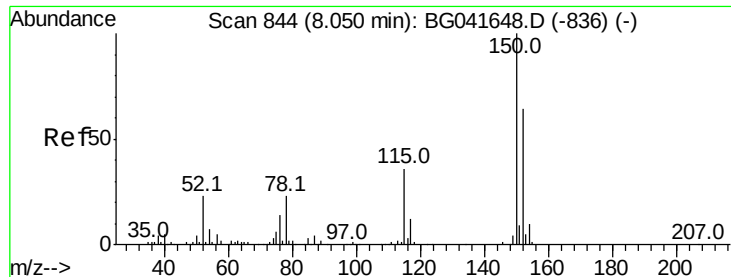
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jul 18 07:06:32 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 15 16:16:21 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.86 | 237  | 210767   | 41.716 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.10 | 196  | 250106   | 43.096 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 263146   | 43.036 | ng    | 95       |
| 46) 1,1'-Biphenyl              | 13.51 | 154  | 818351   | 41.892 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.55 | 162  | 680532   | 41.800 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.73 | 65   | 213603   | 45.062 | ng    | 99       |
| 49) Acenaphthylene             | 14.39 | 152  | 1060933  | 41.743 | ng    | 98       |
| 50) Dimethylphthalate          | 14.12 | 163  | 862240   | 42.104 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 193101   | 44.454 | ng    | 99       |
| 52) Acenaphthene               | 14.73 | 154  | 668075   | 41.711 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.56 | 138  | 205918   | 43.426 | ng    | # 91     |
| 54) 2,4-Dinitrophenol          | 14.76 | 184  | 87639    | 43.793 | ng    | # 85     |
| 55) Dibenzofuran               | 15.06 | 168  | 1008408  | 41.957 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.85 | 139  | 165276   | 43.051 | ng    | 99       |
| 57) 2,4-Dinitrotoluene         | 15.02 | 165  | 263224   | 45.842 | ng    | 99       |
| 58) Fluorene                   | 15.71 | 166  | 809314   | 41.384 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 246931   | 43.744 | ng    | 98       |
| 60) Diethylphthalate           | 15.48 | 149  | 851712   | 41.283 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204  | 463669   | 41.943 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.71 | 138  | 215430   | 42.837 | ng    | 99       |
| 63) Azobenzene                 | 16.00 | 77   | 761020   | 40.801 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.77 | 198  | 125849   | 43.962 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.91 | 169  | 736614   | 40.979 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.60 | 248  | 302555   | 41.541 | ng    | 99       |
| 68) Hexachlorobenzene          | 16.71 | 284  | 304798   | 41.559 | ng    | 99       |
| 69) Atrazine                   | 16.85 | 200  | 257188   | 39.427 | ng    | 96       |
| 70) Pentachlorophenol          | 17.05 | 266  | 197132   | 42.988 | ng    | 99       |
| 71) Phenanthrene               | 17.45 | 178  | 1276951  | 41.425 | ng    | 97       |
| 72) Anthracene                 | 17.54 | 178  | 1275206  | 41.501 | ng    | 97       |
| 73) Carbazole                  | 17.79 | 167  | 1161976  | 40.775 | ng    | 97       |
| 74) Di-n-butylphthalate        | 18.37 | 149  | 1388830  | 39.958 | ng    | 96       |
| 75) Fluoranthene               | 19.45 | 202  | 1523664  | 40.254 | ng    | 95       |
| 77) Benzidine                  | 19.62 | 184  | 785777   | 38.743 | ng    | 100      |
| 78) Pyrene                     | 19.80 | 202  | 1518909  | 39.317 | ng    | 94       |
| 80) Butylbenzylphthalate       | 20.70 | 149  | 667567   | 41.585 | ng    | 95       |
| 81) Benzo(a)anthracene         | 21.64 | 228  | 1530851  | 41.480 | ng    | 96       |
| 82) 3,3'-Dichlorobenzidine     | 21.54 | 252  | 607285   | 41.816 | ng    | 97       |
| 83) Chrysene                   | 21.70 | 228  | 1474408  | 41.810 | ng    | 95       |
| 84) Bis(2-ethylhexyl)phthalate | 21.56 | 149  | 934931   | 41.248 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.77 | 149  | 1614581  | 41.829 | ng    | 97       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.50 | 276  | 1911204  | 41.074 | ng    | # 92     |
| 88) Benzo(b)fluoranthene       | 23.83 | 252  | 1664245  | 40.808 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.90 | 252  | 1591118  | 42.105 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.70 | 252  | 1589724  | 41.200 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 28.57 | 278  | 1529407  | 40.879 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.63 | 276  | 1536545  | 40.983 | ng    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

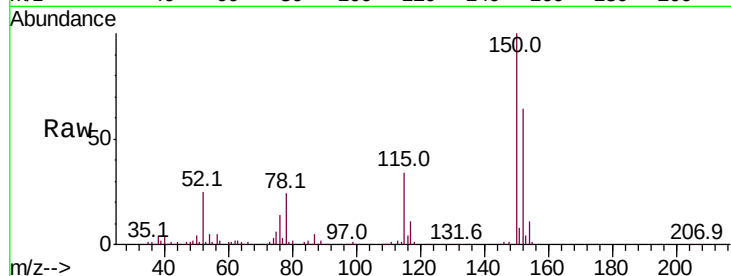
Tot Ion:152 Resp: 98067

Ion Ratio Lower Upper

152 100

150 155.8 126.9 190.3

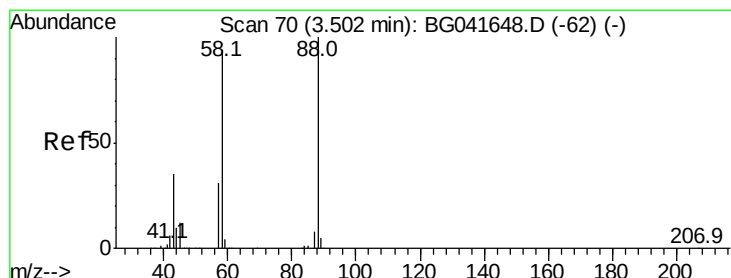
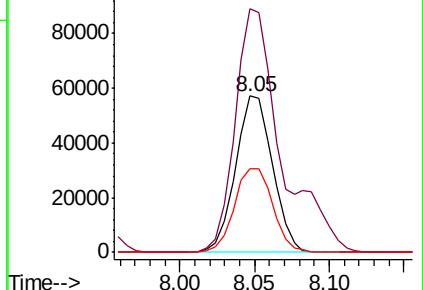
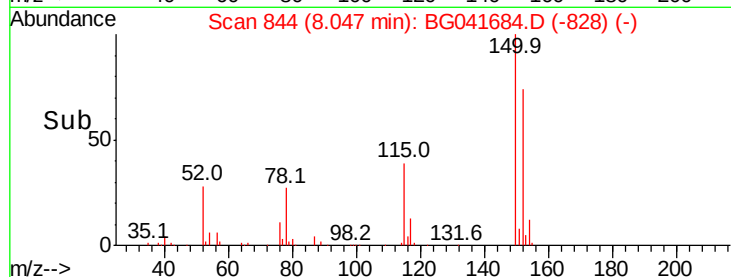
115 53.4 45.0 67.6



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: 38.995 ng

RT: 3.50 min Scan# 70

Delta R.T. 0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

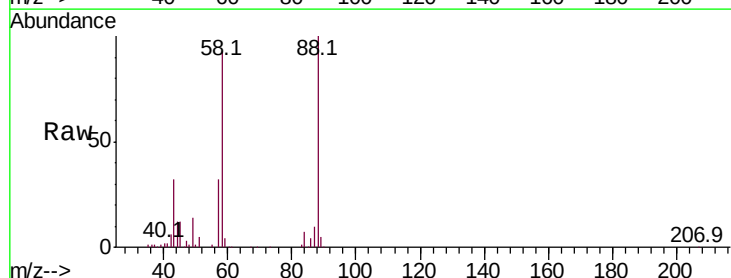
Tgt Ion: 88 Resp: 111101

Ion Ratio Lower Upper

88 100

58 94.4 76.2 114.2

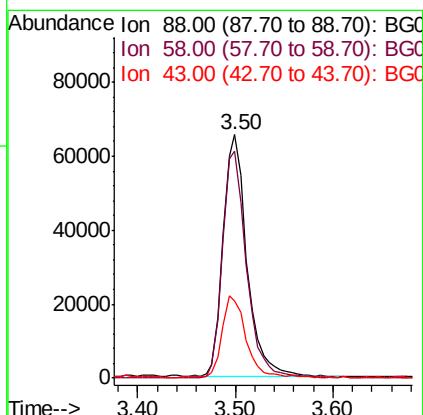
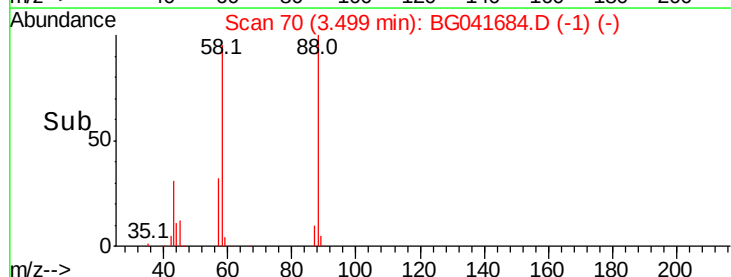
43 32.7 27.2 40.8

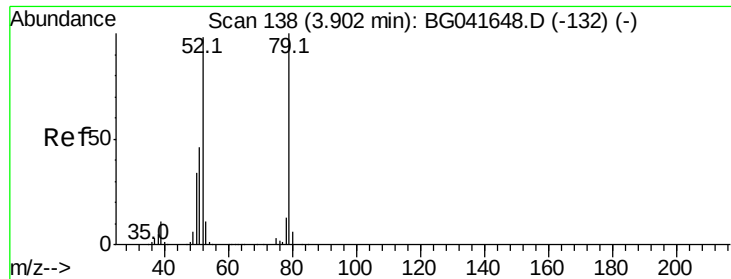


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 41.254 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

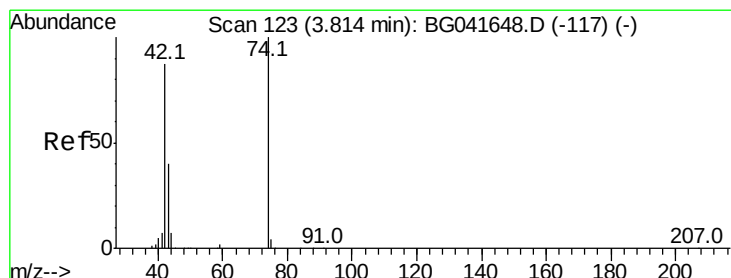
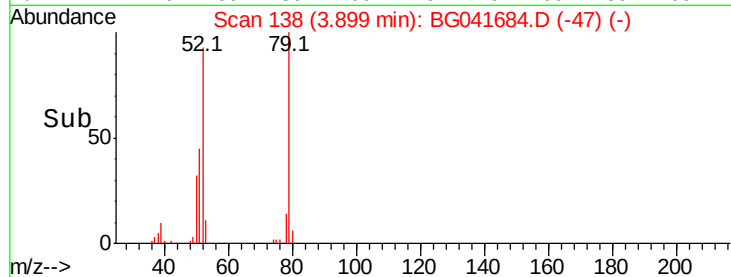
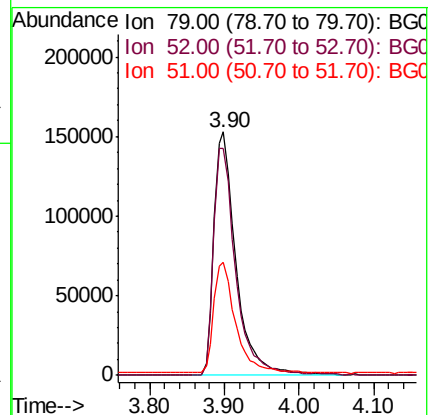
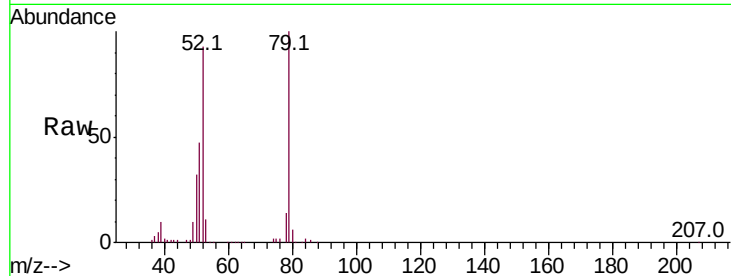
Tot Ion: 79 Resp: 313752

Ion Ratio Lower Upper

79 100

52 93.0 77.1 115.7

51 46.6 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 38.323 ng

RT: 3.81 min Scan# 123

Delta R.T. 0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

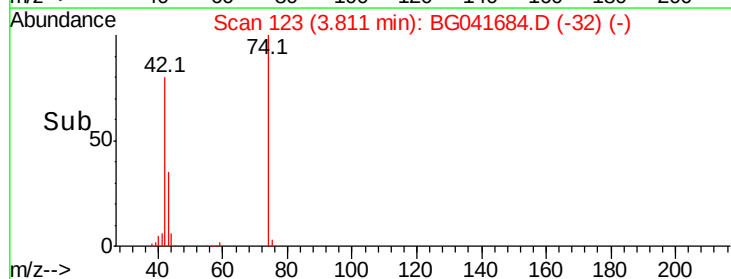
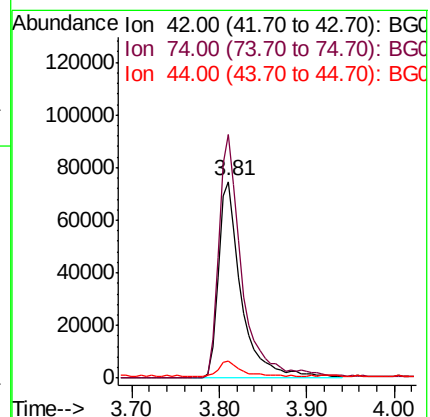
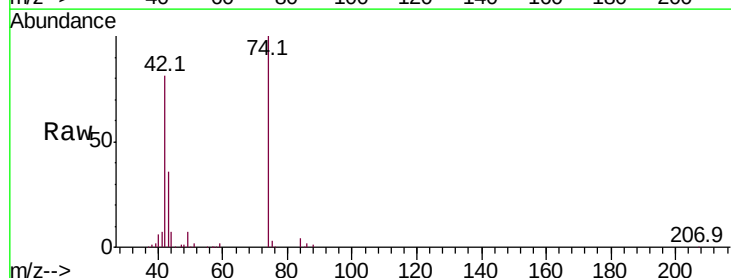
Tgt Ion: 42 Resp: 134597

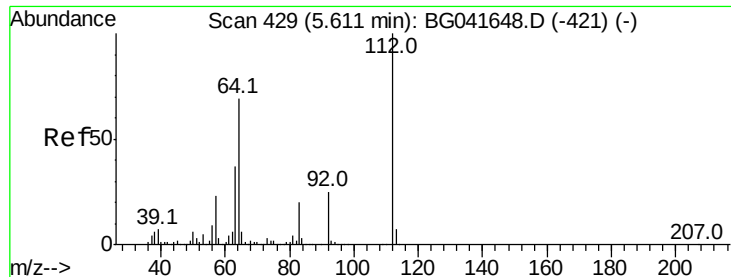
Ion Ratio Lower Upper

42 100

74 124.0 97.4 146.2

44 8.6 6.6 9.8





#5

2-Fluorophenol

Concen: 81.154 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

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ClientSampleId :

SSTDCCC040

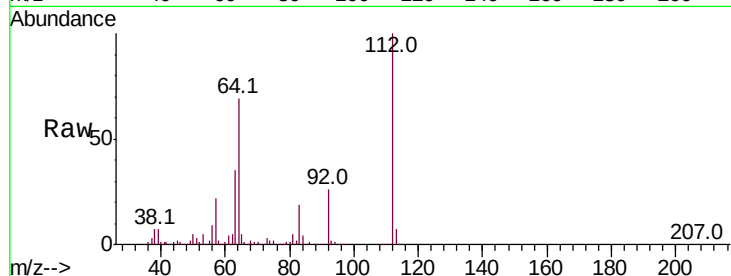
Tot Ion:112 Resp: 486834

Ion Ratio Lower Upper

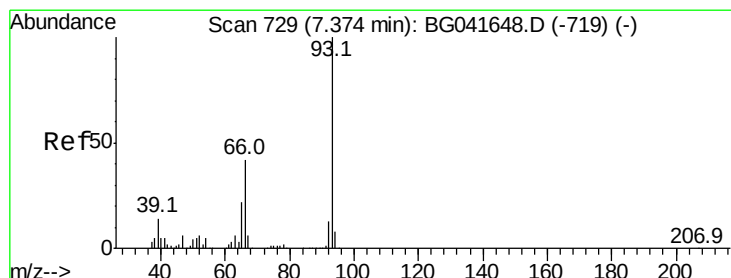
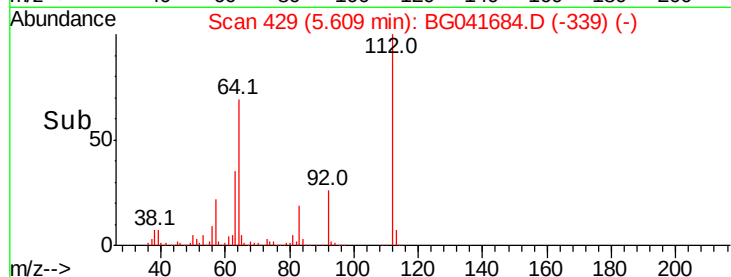
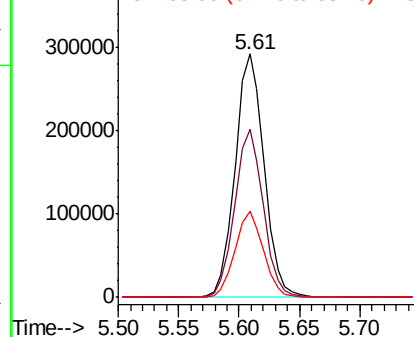
112 100

64 69.2 55.4 83.2

63 35.5 29.1 43.7



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: 40.233 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

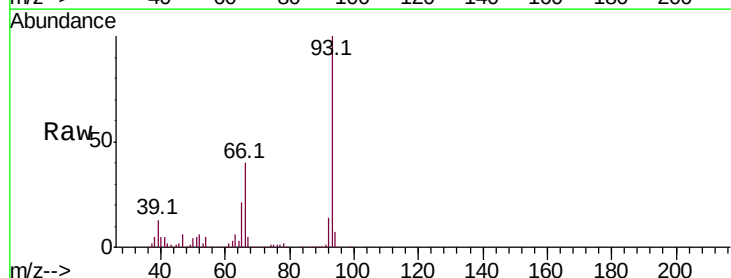
Tgt Ion: 93 Resp: 436300

Ion Ratio Lower Upper

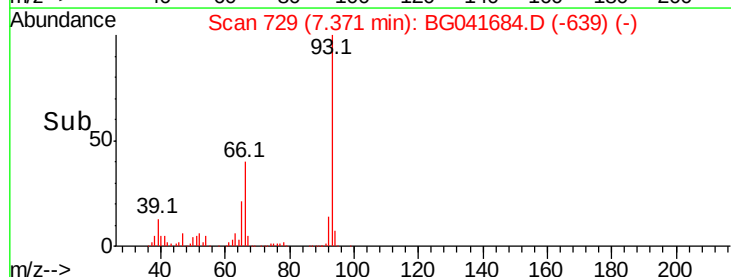
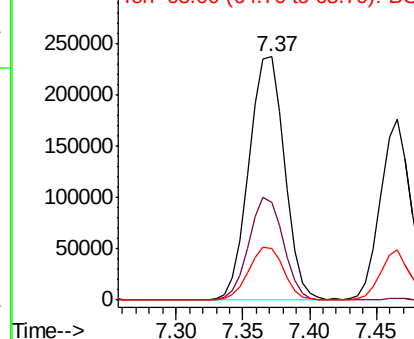
93 100

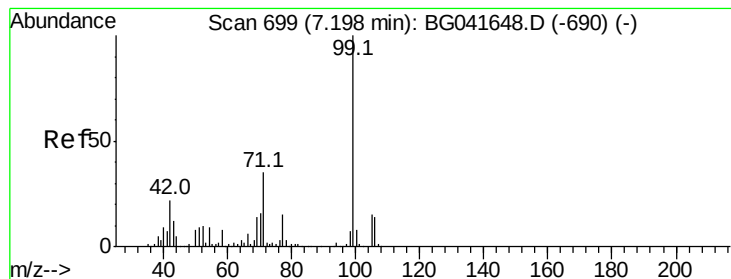
66 39.9 34.2 51.2

65 21.3 18.2 27.2



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: 81.169 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

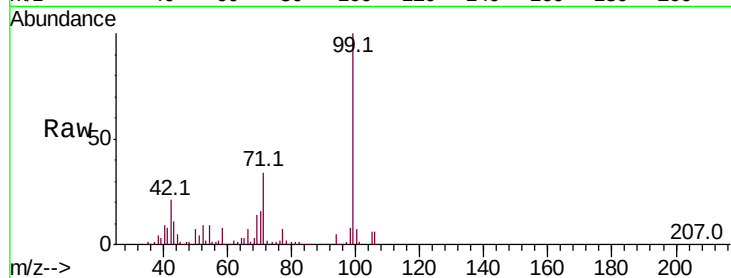
Tot Ion: 99 Resp: 654932

Ion Ratio Lower Upper

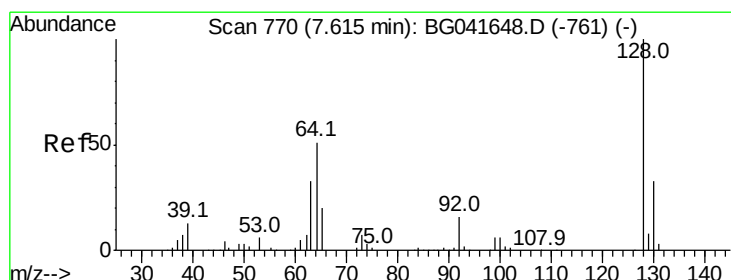
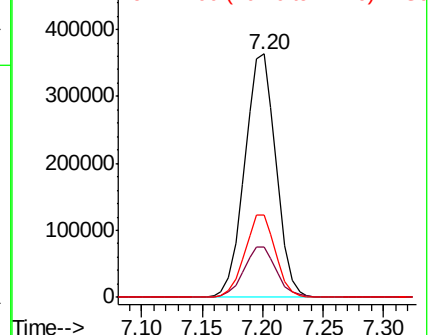
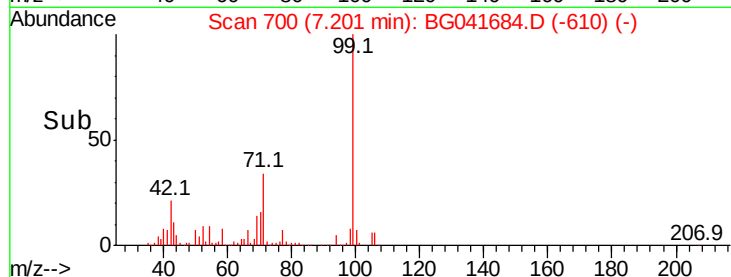
99 100

42 20.7 17.6 26.4

71 33.6 27.8 41.6



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: 40.235 ng

RT: 7.61 min Scan# 770

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

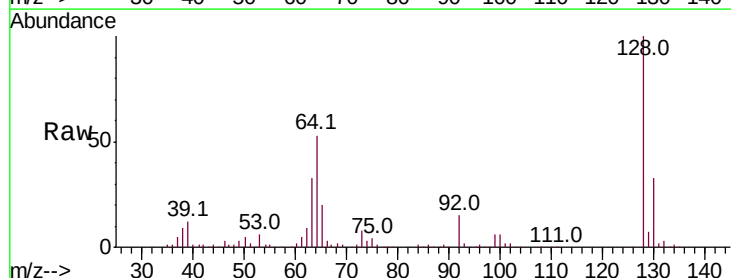
Tgt Ion: 128 Resp: 273252

Ion Ratio Lower Upper

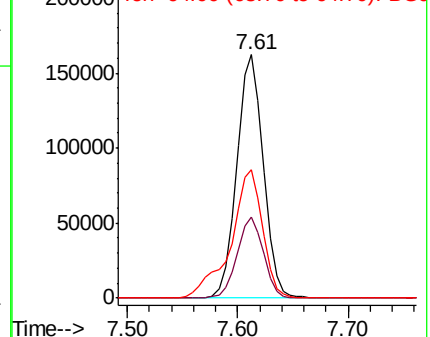
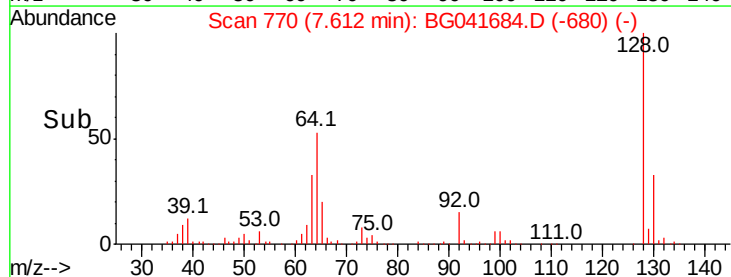
128 100

130 33.2 12.4 52.4

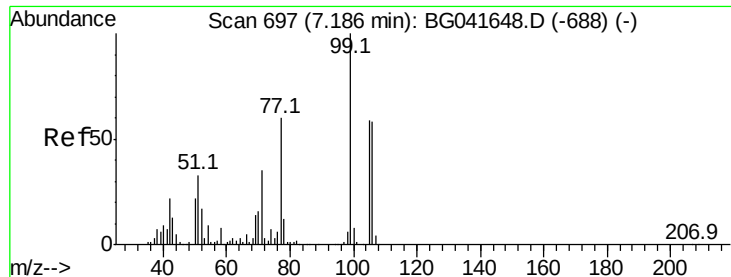
64 52.7 34.9 74.9



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: 41.340 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

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Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

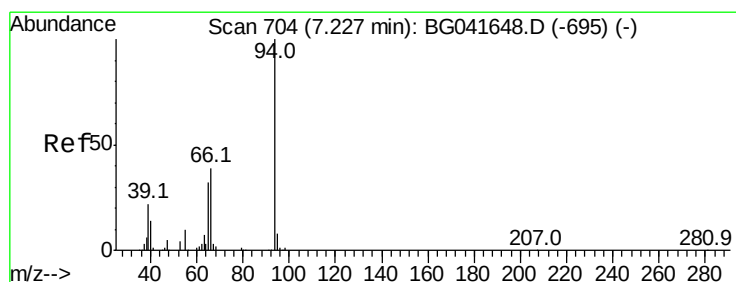
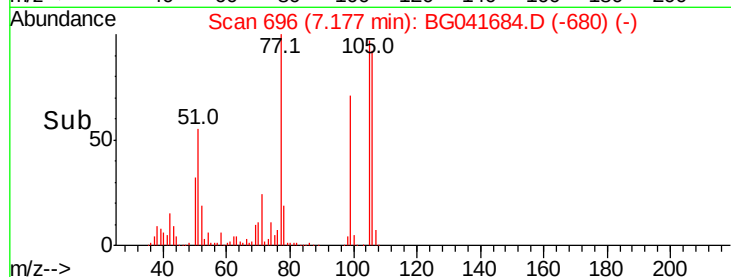
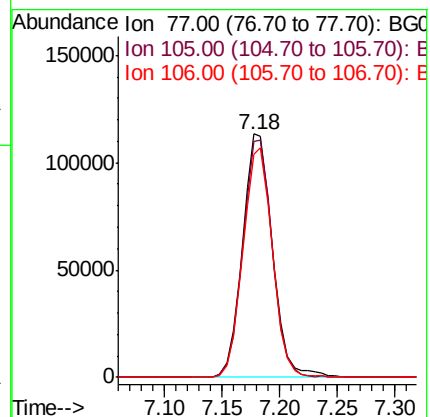
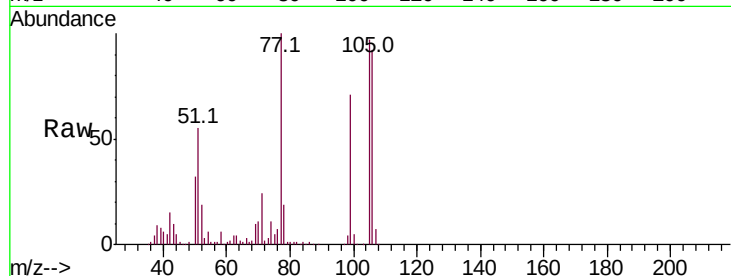
Tot Ion: 77 Resp: 203727

Ion Ratio Lower Upper

77 100

105 96.8 74.6 114.6

106 91.6 71.1 111.1



#10

Phenol

Concen: 40.433 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

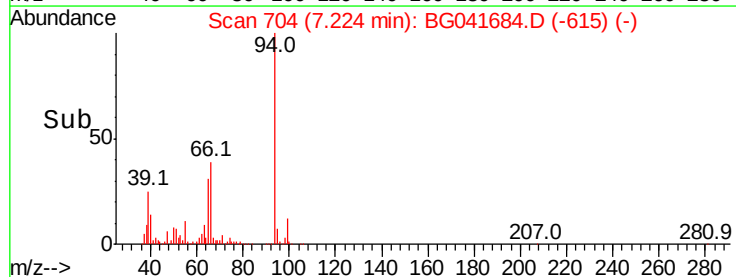
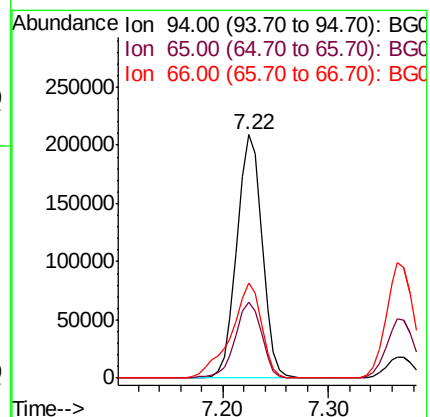
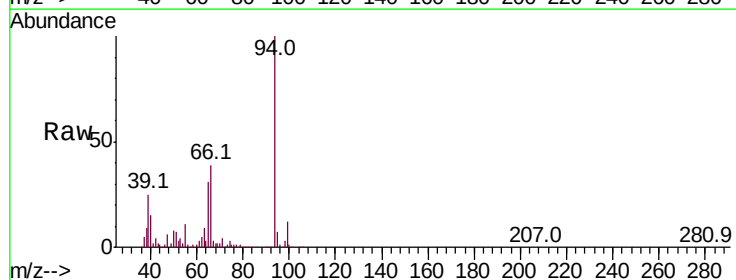
Tgt Ion: 94 Resp: 343721

Ion Ratio Lower Upper

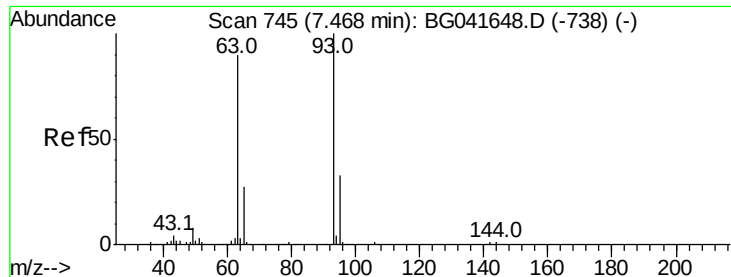
94 100

65 30.9 10.6 50.6

66 38.8 18.2 58.2







#11

bis(2-Chloroethyl)ether

Concen: 39.948 ng

RT: 7.47 min Scan# 745

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

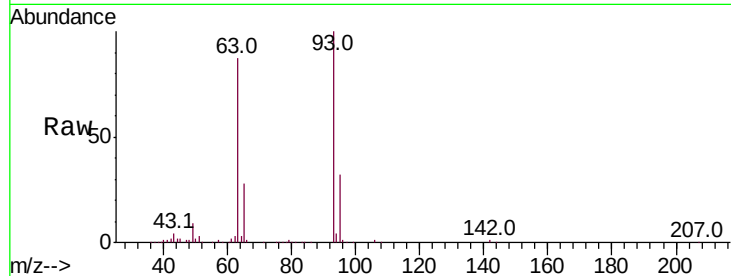
Tot Ion: 93 Resp: 274275

Ion Ratio Lower Upper

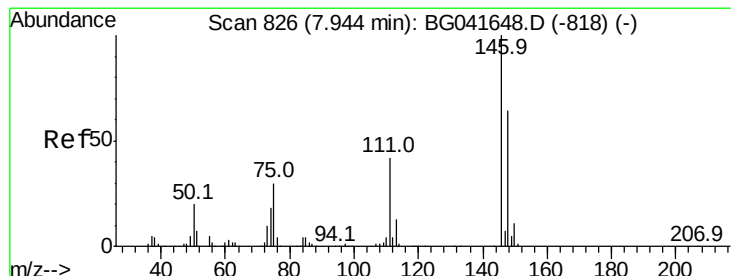
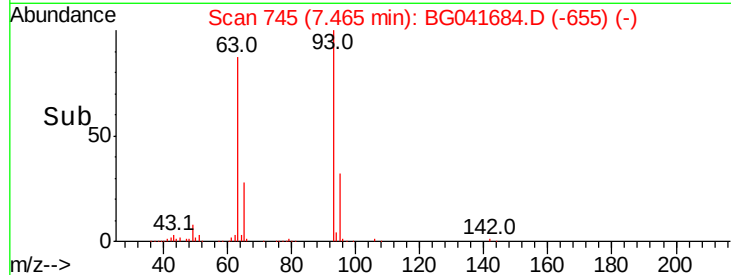
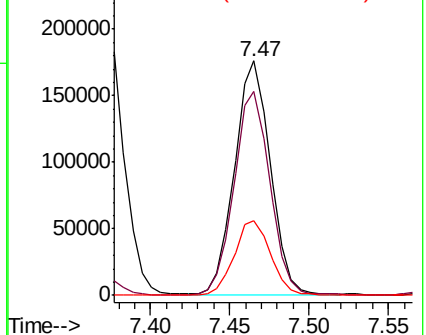
93 100

63 86.9 70.4 110.4

95 31.7 12.8 52.8



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



#12

1,3-Dichlorobenzene

Concen: 40.425 ng

RT: 7.94 min Scan# 826

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

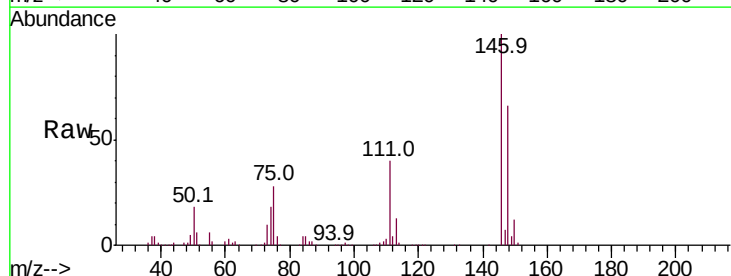
Tgt Ion: 146 Resp: 327584

Ion Ratio Lower Upper

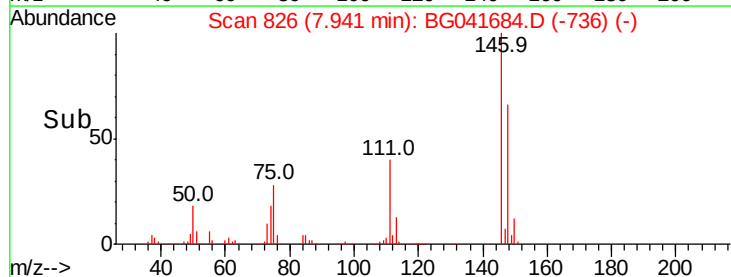
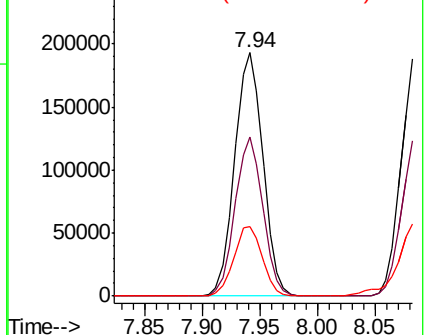
146 100

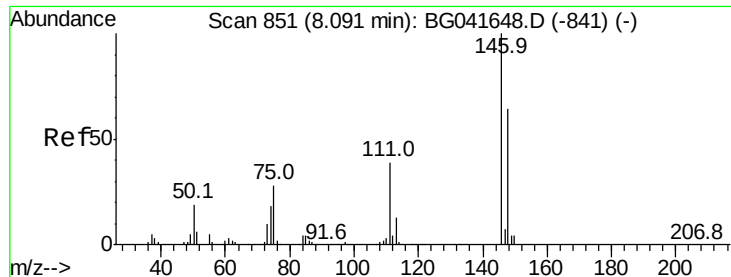
148 65.6 51.5 77.3

75 28.4 23.2 34.8



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

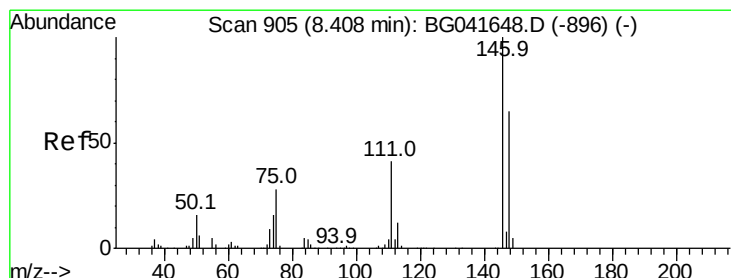
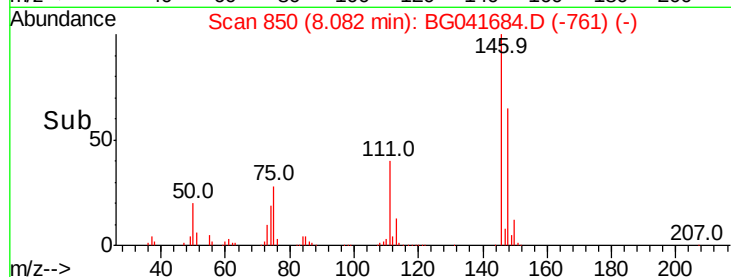
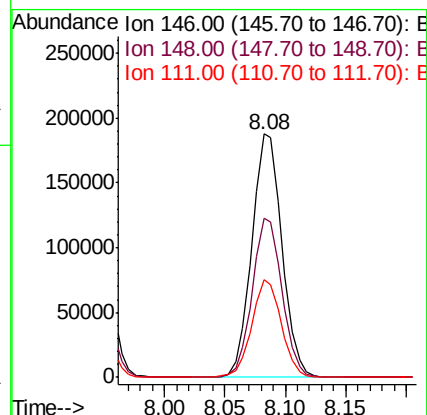
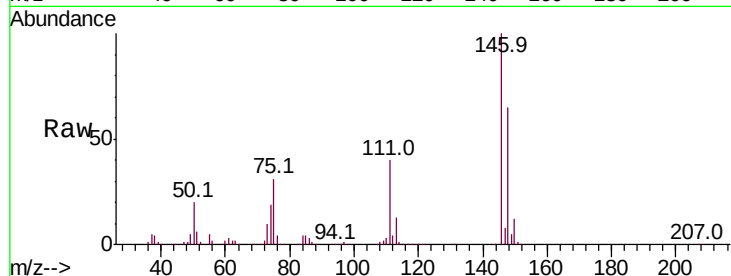




#13  
 1,4-Dichlorobenzene  
 Concen: 40.155 ng  
 RT: 8.08 min Scan# 850  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

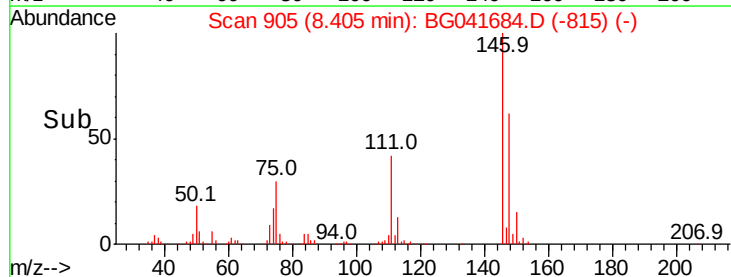
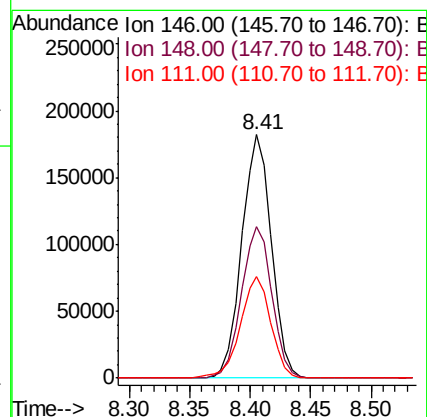
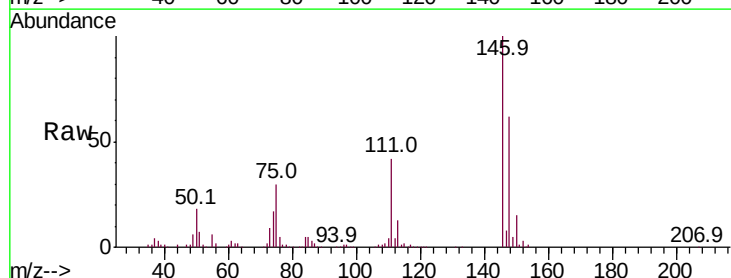
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

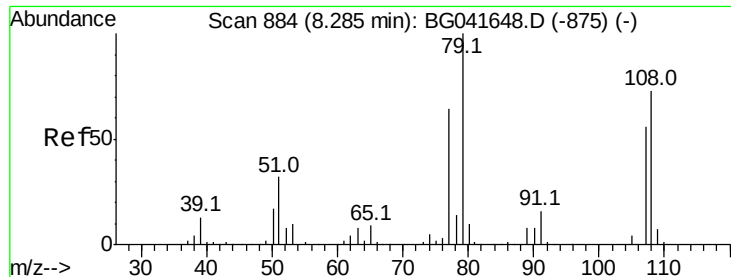
Tot Ion:146 Resp: 325870  
 Ion Ratio Lower Upper  
 146 100  
 148 65.5 52.6 79.0  
 111 40.0 32.5 48.7



#14  
 1,2-Dichlorobenzene  
 Concen: 40.666 ng  
 RT: 8.41 min Scan# 905  
 Delta R.T. -0.00 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

Tgt Ion:146 Resp: 311141  
 Ion Ratio Lower Upper  
 146 100  
 148 62.5 53.5 80.3  
 111 41.8 35.4 53.0





#15

Benzyl Alcohol

Concen: 39.757 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

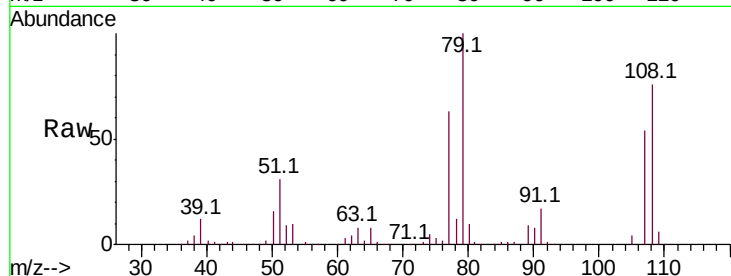
Tot Ion: 79 Resp: 255388

Ion Ratio Lower Upper

79 100

108 76.5 60.5 90.7

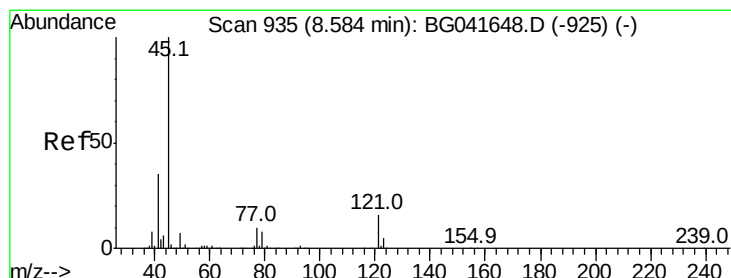
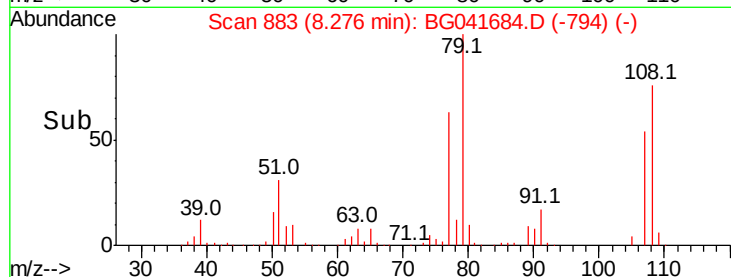
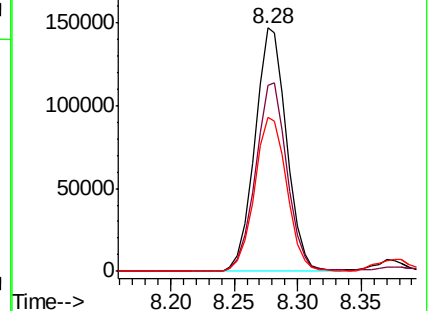
77 63.2 50.6 75.8



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: 39.692 ng

RT: 8.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

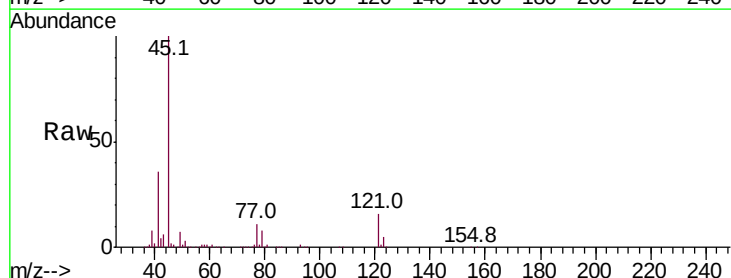
Tgt Ion: 45 Resp: 564687

Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.4

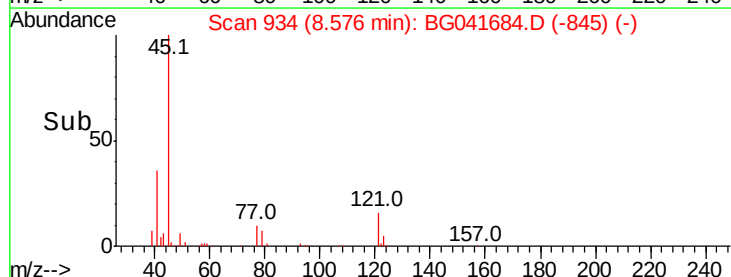
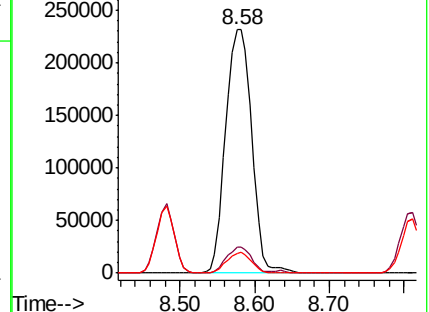
79 8.0 0.0 27.9

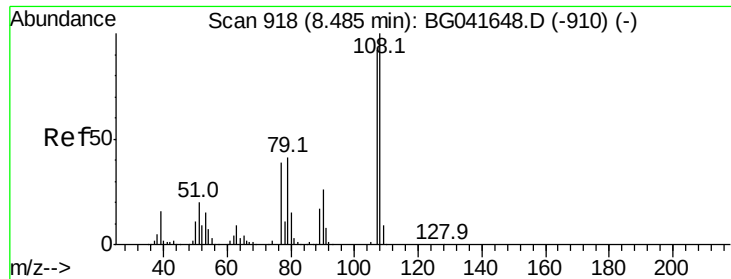


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 40.505 ng

RT: 8.48 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 238131

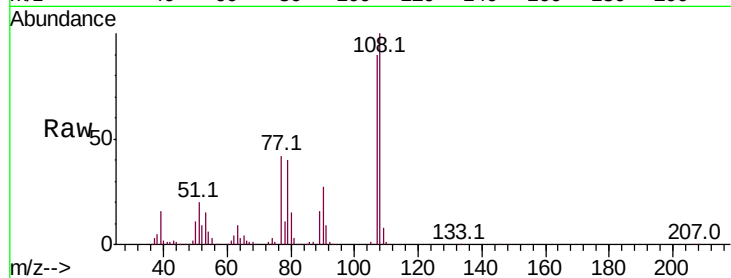
Ion Ratio Lower Upper

107 100

108 110.6 87.6 131.4

77 46.4 36.1 54.1

79 44.6 36.4 54.6

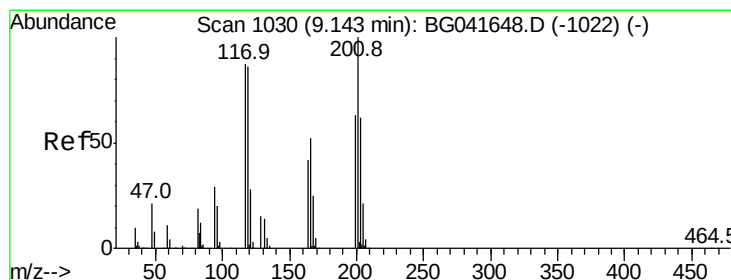
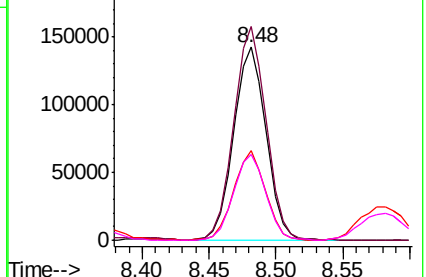
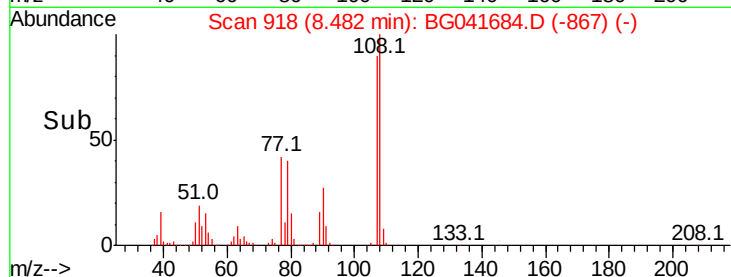


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 39.389 ng

RT: 9.14 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

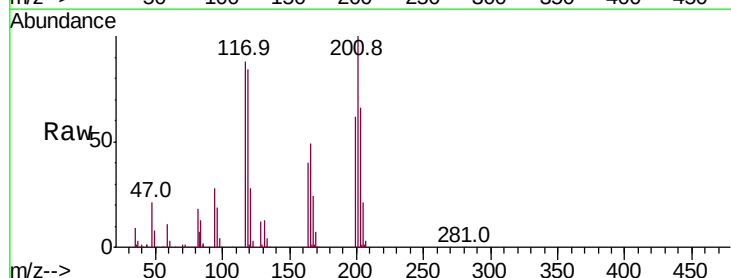
Tgt Ion:117 Resp: 117080

Ion Ratio Lower Upper

117 100

119 94.8 76.2 114.2

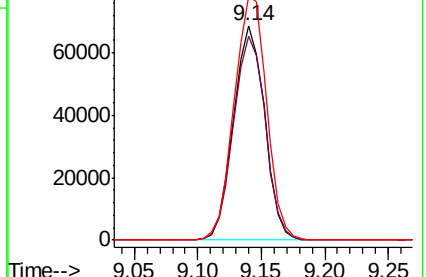
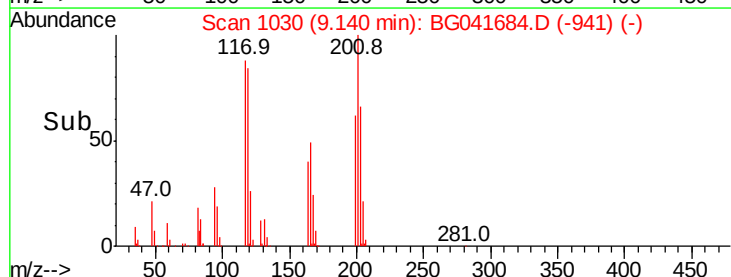
201 113.4 94.1 141.1

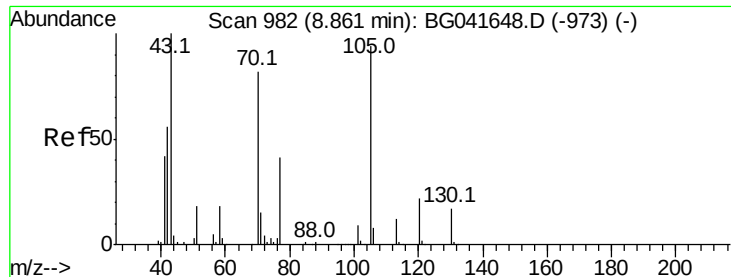


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

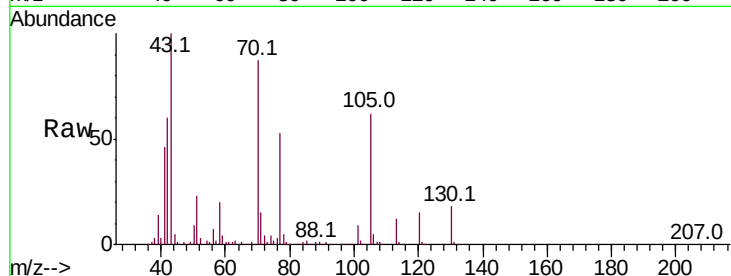




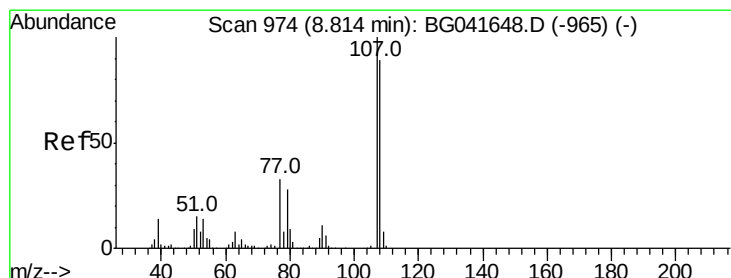
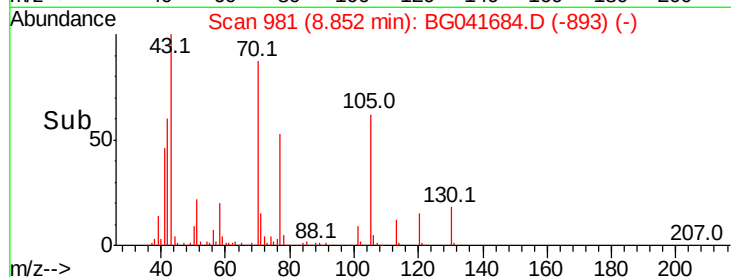
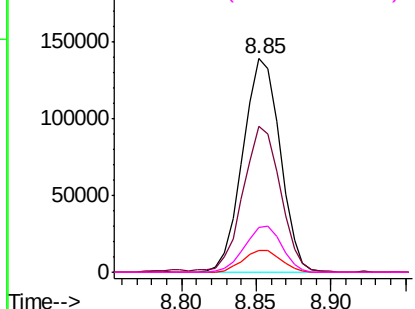
#19  
n-Nitroso-di-n-propylamine  
Concen: 40.689 ng  
RT: 8.85 min Scan# 981  
Delta R.T. -0.01 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion: 70 Resp: 239967  
Ion Ratio Lower Upper  
70 100  
42 68.4 55.8 83.6  
101 10.2 8.1 12.1  
130 20.8 17.3 25.9

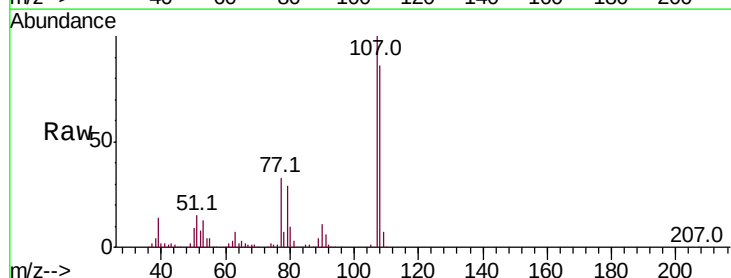


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

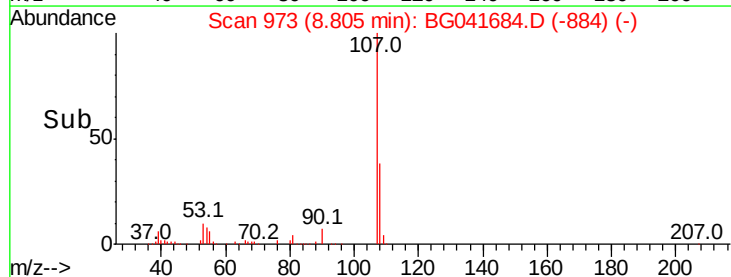
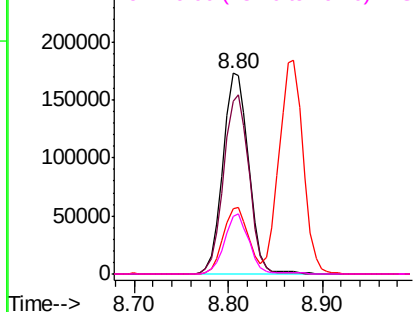


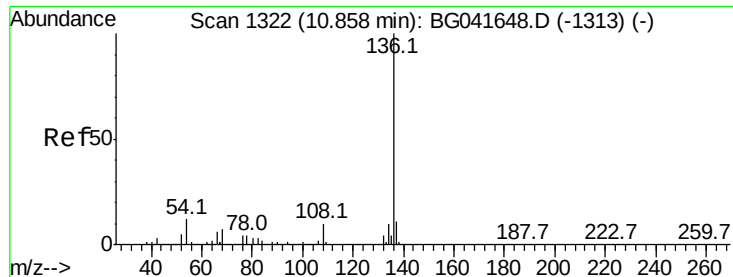
#20  
3+4-Methylphenols  
Concen: 41.030 ng  
RT: 8.80 min Scan# 973  
Delta R.T. -0.01 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

Tgt Ion:107 Resp: 330553  
Ion Ratio Lower Upper  
107 100  
108 86.0 67.5 107.5  
77 32.8 12.3 52.3  
79 28.7 8.3 48.3



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

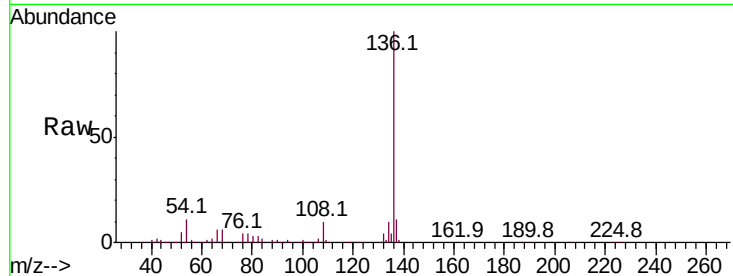




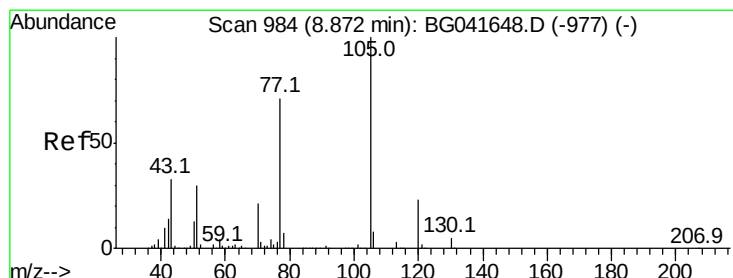
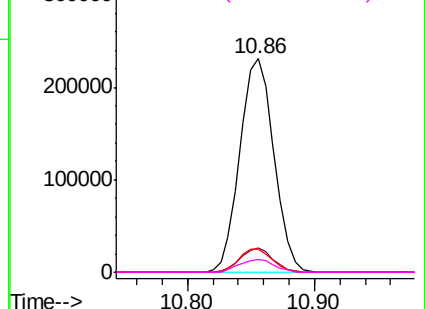
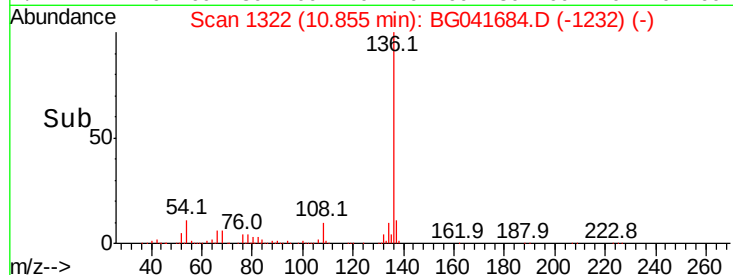
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.86 min Scan# 1322  
Delta R.T. -0.00 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 429028   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.3  | 9.2 13.8 |
| 54          | 10.9  | 8.7 13.1 |
| 68          | 6.2   | 5.5 8.3  |

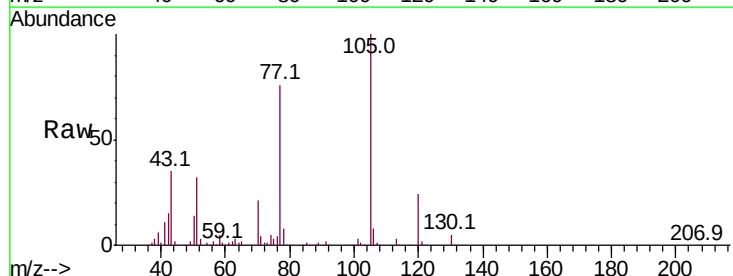


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BG  
Ion 68.00 (67.70 to 68.70): BG

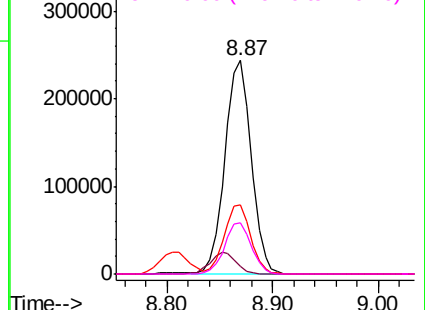
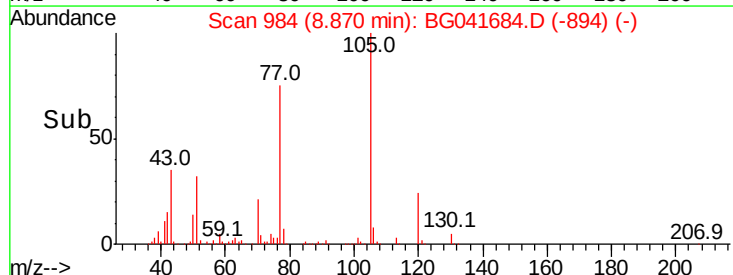


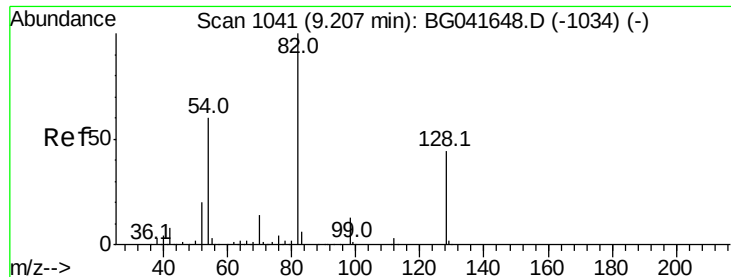
#22  
Acetophenone  
Concen: 40.170 ng  
RT: 8.87 min Scan# 984  
Delta R.T. -0.00 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 419745    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 3.6   | 5.9 8.9#  |
| 51          | 32.2  | 27.7 41.5 |
| 120         | 24.3  | 19.3 28.9 |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BG  
Ion 51.00 (50.70 to 51.70): BG  
Ion 120.00 (119.70 to 120.70): E

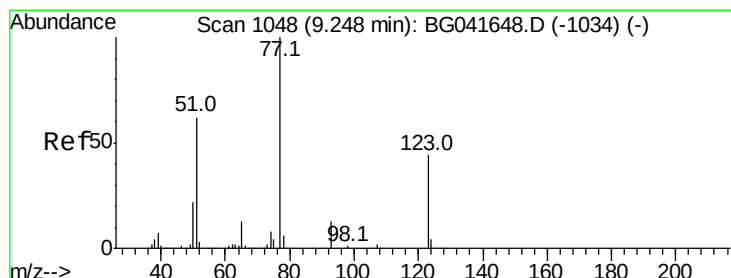
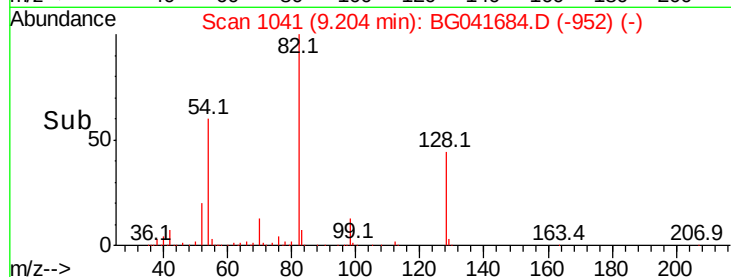
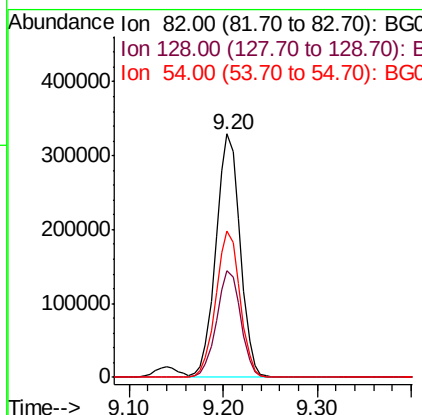
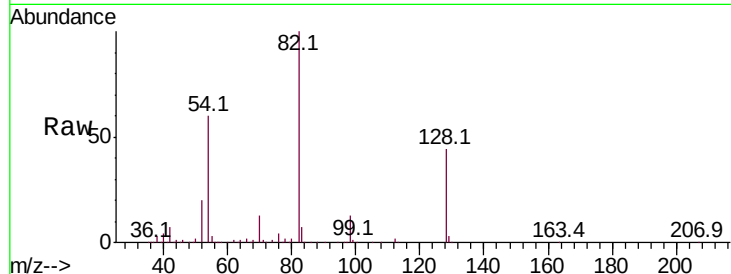




#23  
 Nitrobenzene-d5  
 Concen: 84.031 ng  
 RT: 9.20 min Scan# 1041  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

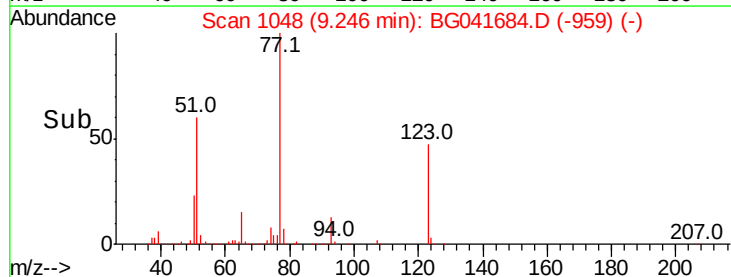
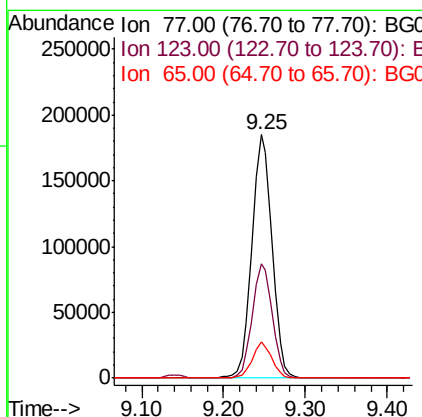
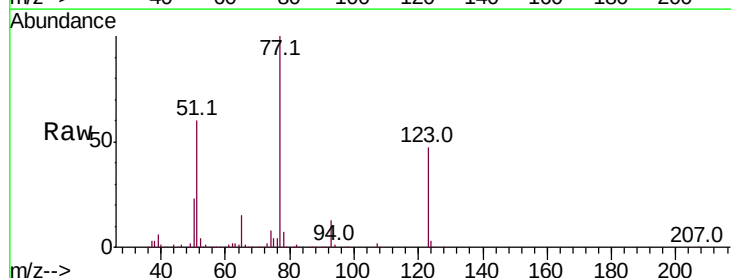
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion   | 82    | Resp  | 592805 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 44.0  | 35.1  | 52.7   |
| 54        | 59.9  | 48.7  | 73.1   |

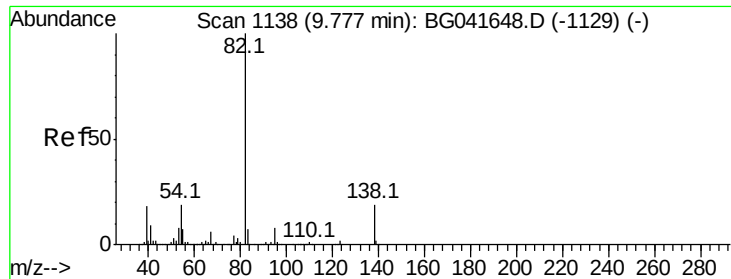


#24  
 Nitrobenzene  
 Concen: 41.306 ng  
 RT: 9.25 min Scan# 1048  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

| Tgt Ion   | 77    | Resp  | 317878 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 47.0  | 38.1  | 57.1   |
| 65        | 15.0  | 11.0  | 16.6   |







#25

Isophorone

Concen: 40.579 ng

RT: 9.77 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

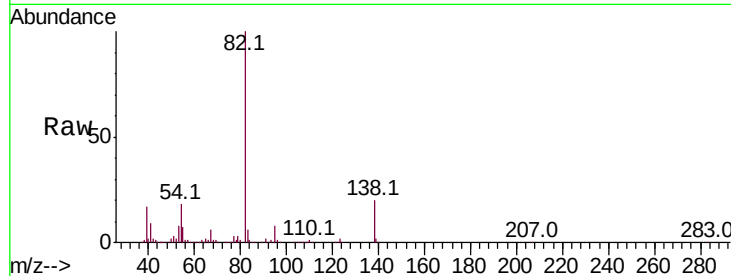
Tot Ion: 82 Resp: 626850

Ion Ratio Lower Upper

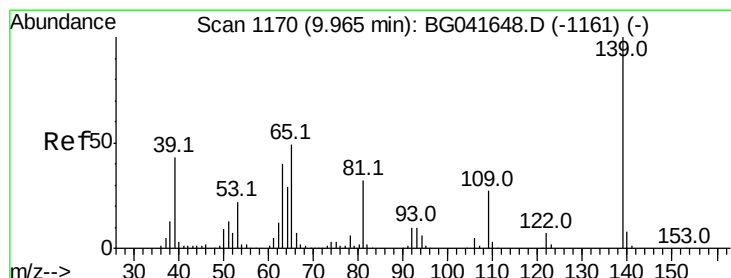
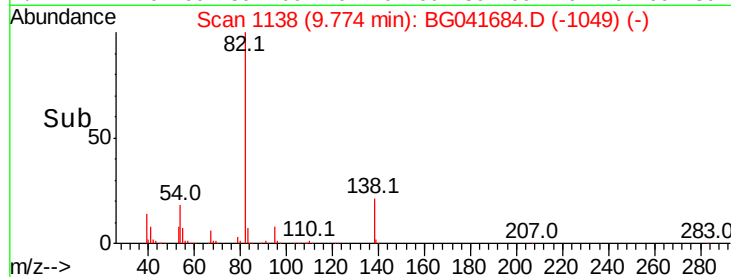
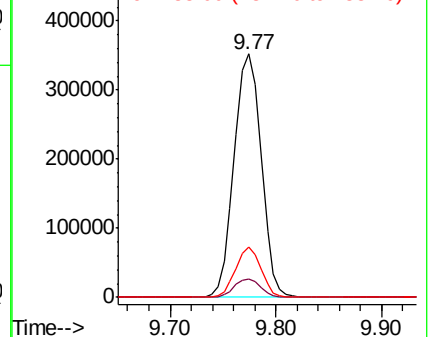
82 100

95 7.6 5.9 8.9

138 20.5 16.3 24.5



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: 43.241 ng

RT: 9.96 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

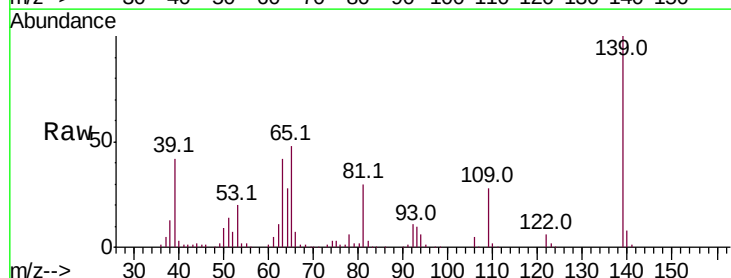
Tgt Ion: 139 Resp: 150856

Ion Ratio Lower Upper

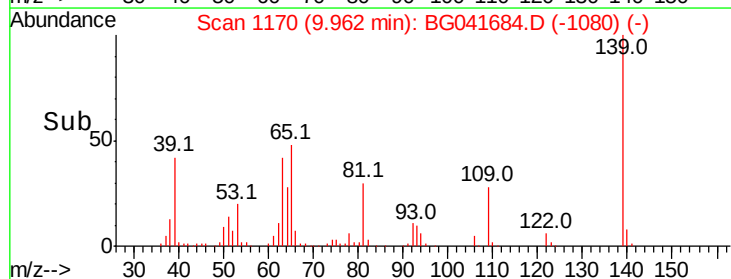
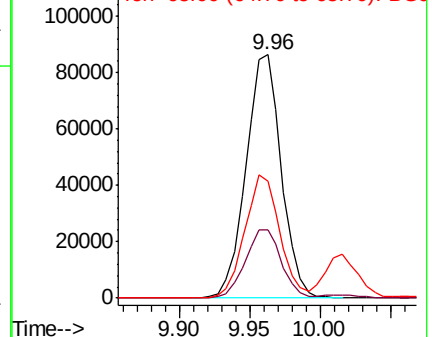
139 100

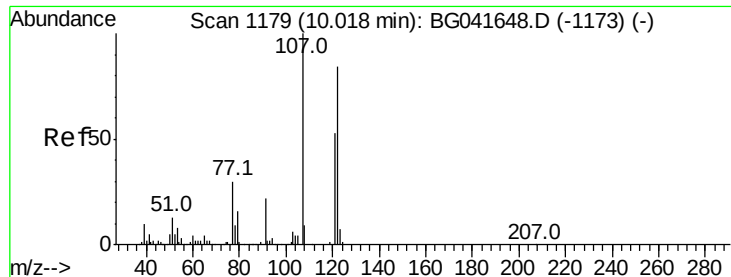
109 27.8 22.7 34.1

65 48.1 41.1 61.7



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

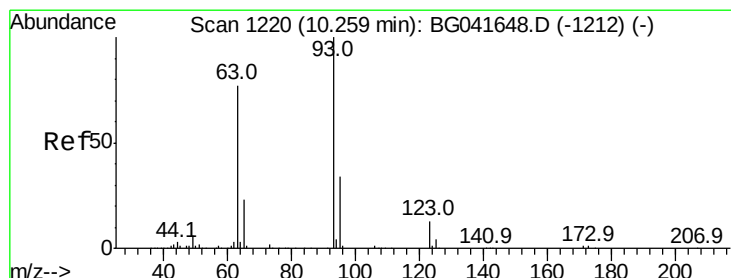
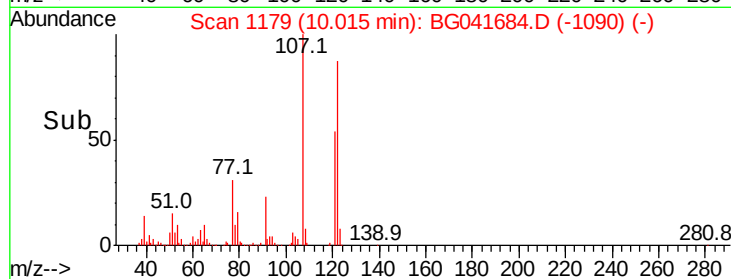
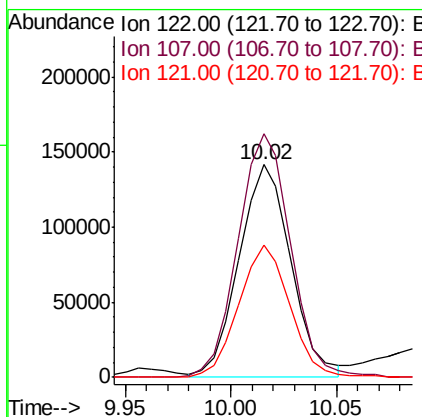
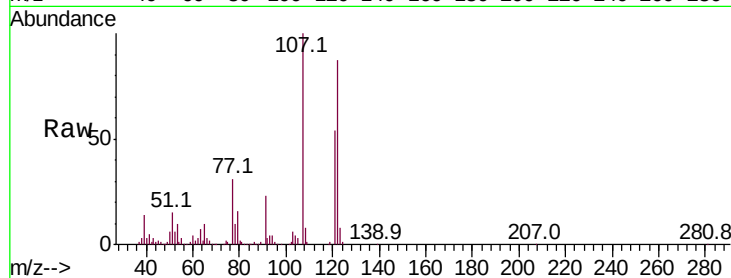




#27  
2,4-Dimethylphenol  
Concen: 39.352 ng  
RT: 10.02 min Scan# 1179  
Delta R.T. -0.01 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

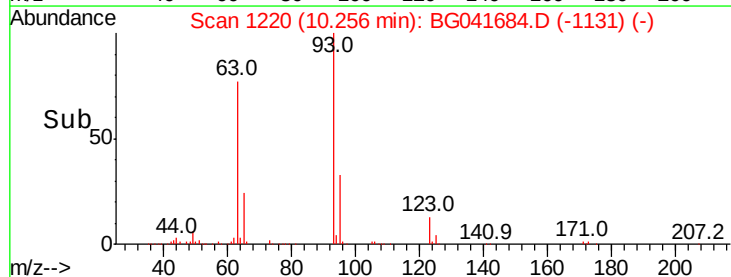
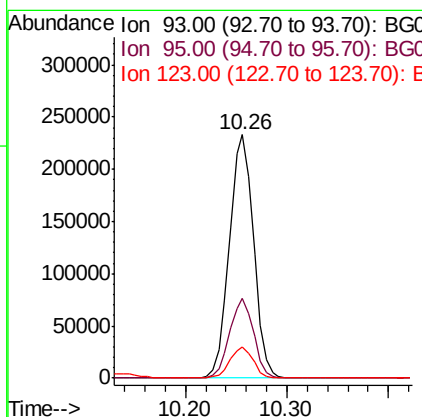
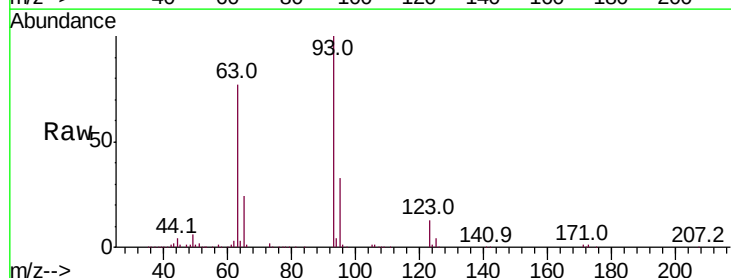
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

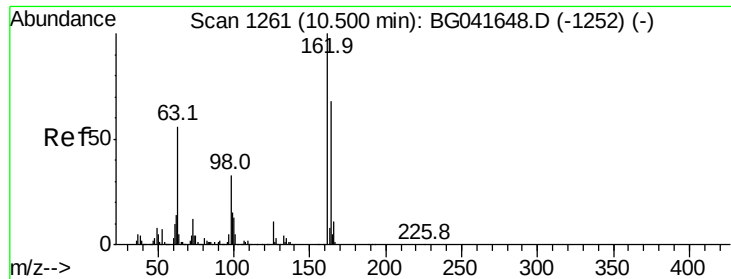
Tot Ion:122 Resp: 240520  
Ion Ratio Lower Upper  
122 100  
107 114.5 91.3 136.9  
121 61.9 49.2 73.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 40.559 ng  
RT: 10.26 min Scan# 1220  
Delta R.T. -0.01 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

Tgt Ion: 93 Resp: 386155  
Ion Ratio Lower Upper  
93 100  
95 32.5 26.2 39.4  
123 12.6 9.9 14.9

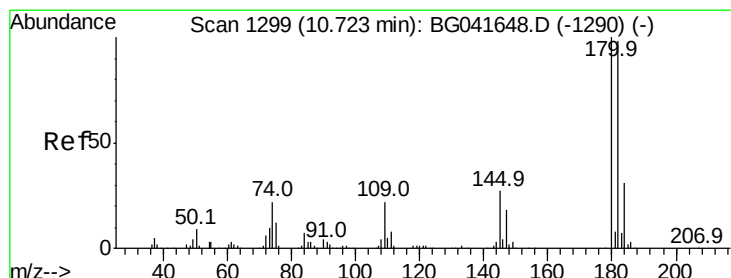
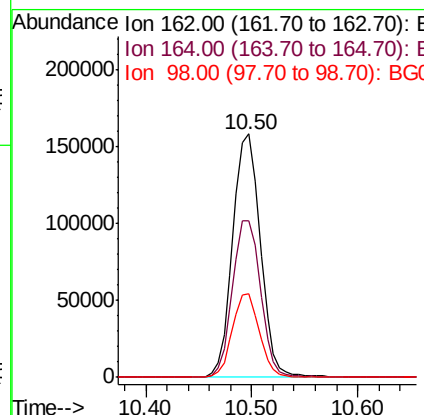
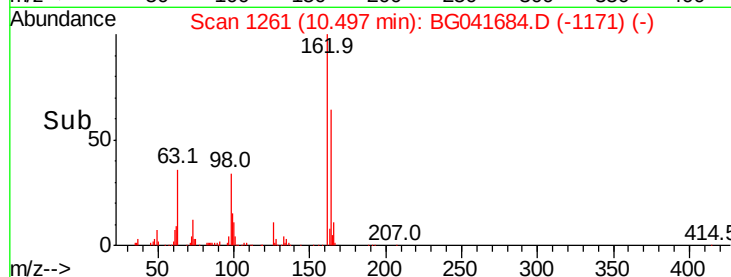
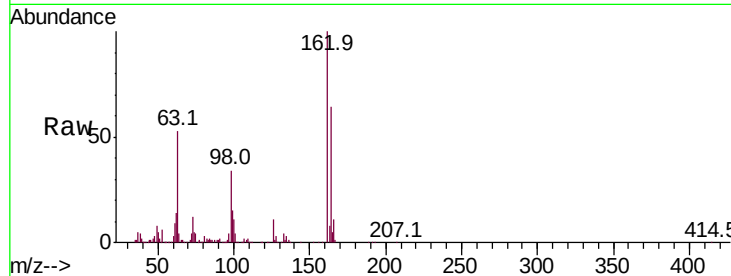




#29  
 2,4-Dichlorophenol  
 Concen: 41.097 ng  
 RT: 10.50 min Scan# 1261  
 Delta R.T. -0.00 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

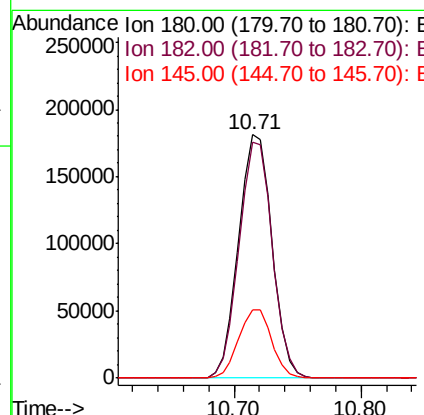
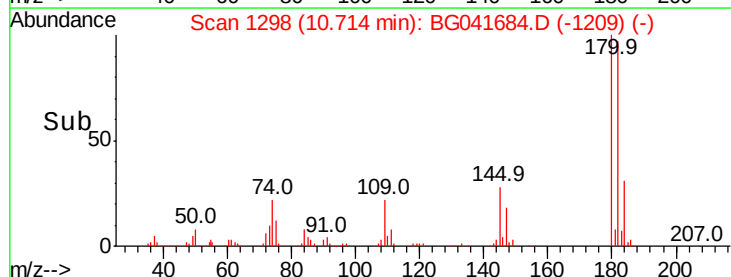
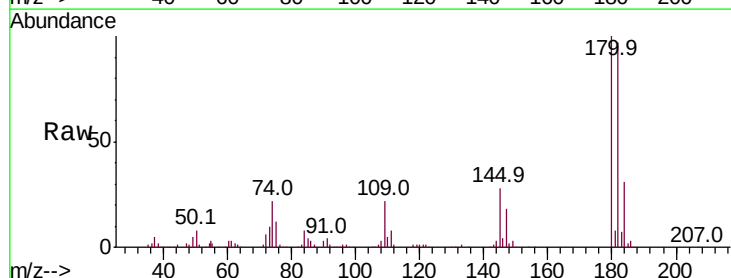
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

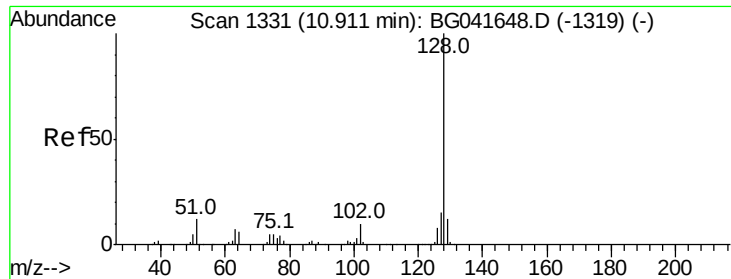
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.2  | 46.1  | 86.1  |
| 98      | 34.2  | 14.7  | 54.7  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.440 ng  
 RT: 10.71 min Scan# 1298  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.8  | 76.2  | 114.2 |
| 145     | 28.1  | 23.8  | 35.8  |

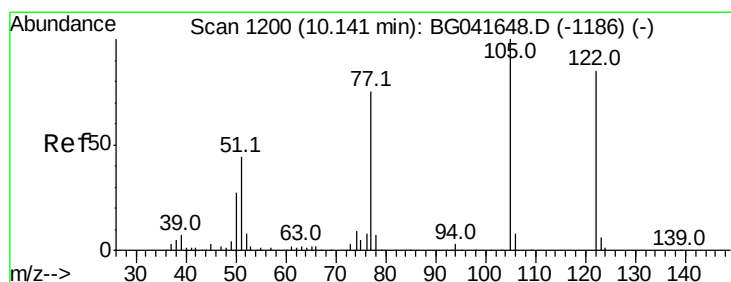
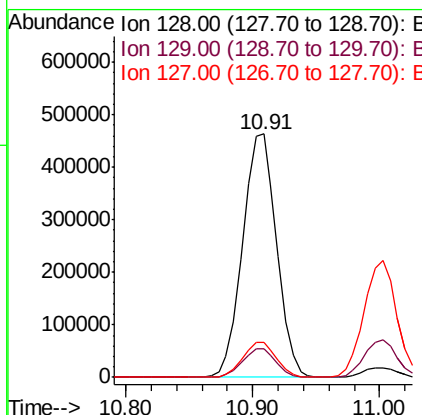
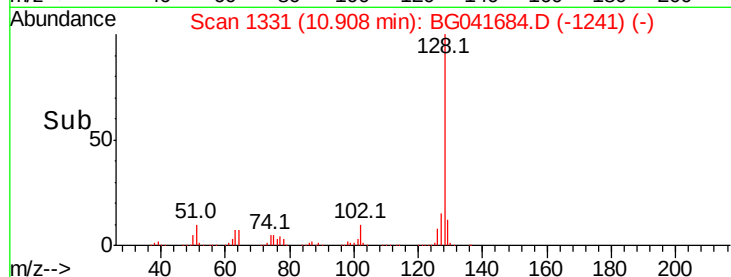
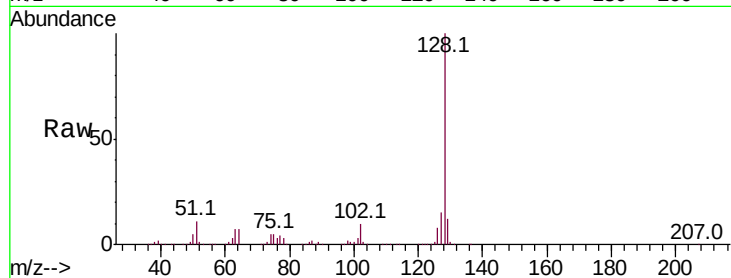




#31  
Naphthalene  
Concen: 40.678 ng  
RT: 10.91 min Scan# 1331  
Delta R.T. -0.00 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

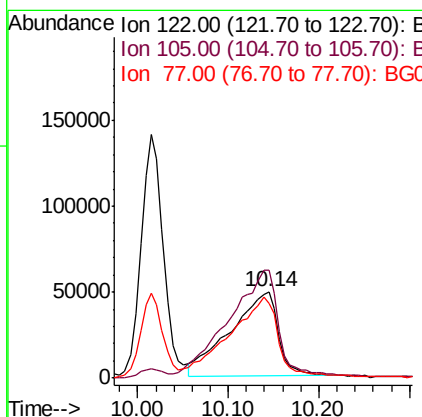
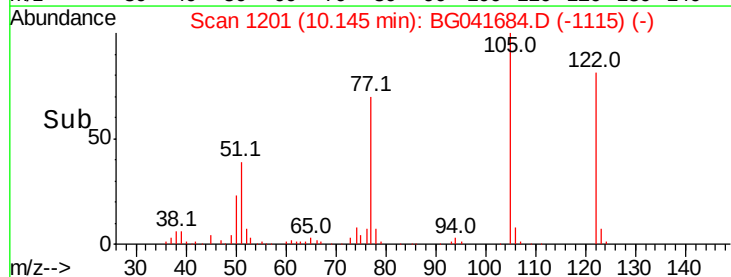
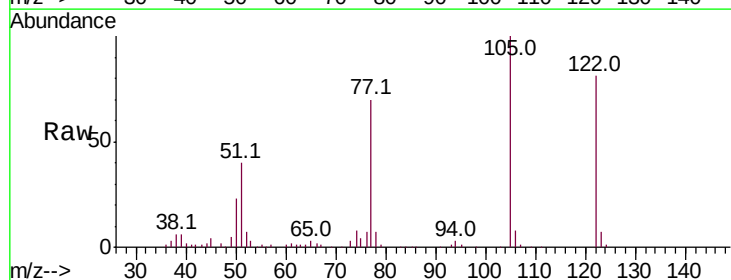
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

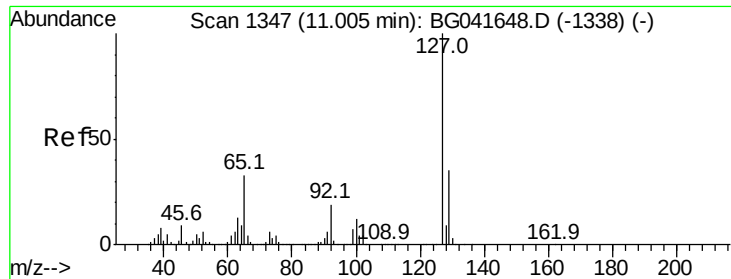
Tot Ion:128 Resp: 859193  
Ion Ratio Lower Upper  
128 100  
129 11.6 10.0 15.0  
127 14.5 12.3 18.5



#32  
Benzoic acid  
Concen: 40.410 ng  
RT: 10.14 min Scan# 1201  
Delta R.T. -0.02 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

Tgt Ion:122 Resp: 182460  
Ion Ratio Lower Upper  
122 100  
105 124.1 101.5 141.5  
77 86.6 73.0 113.0

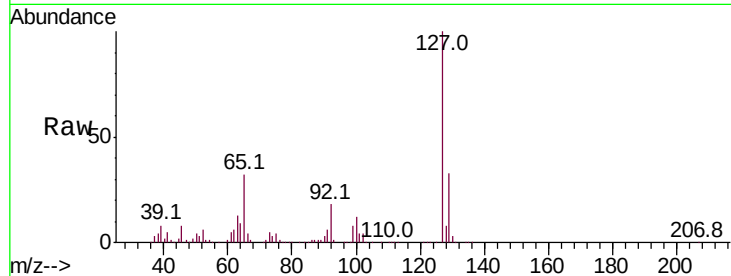




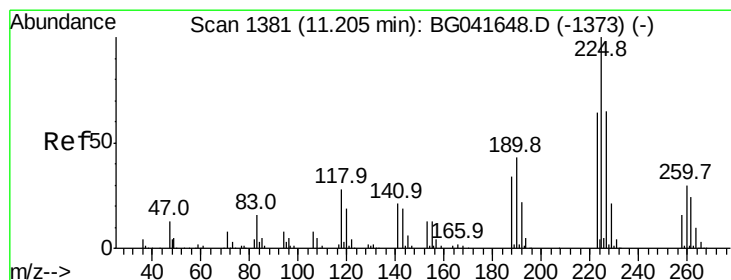
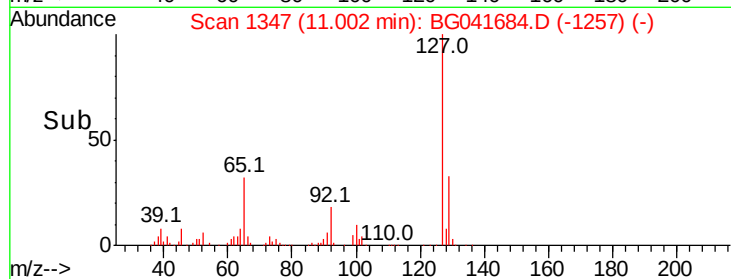
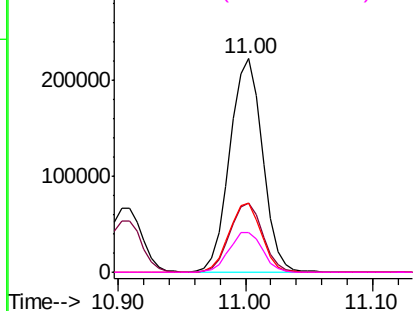
#33  
4-Chloroaniline  
Concen: 40.735 ng  
RT: 11.00 min Scan# 1347  
Delta R.T. -0.00 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 396875 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 25.8  | 38.8   |
| 65       | 32.5  | 26.7  | 40.1   |
| 92       | 18.4  | 15.4  | 23.0   |

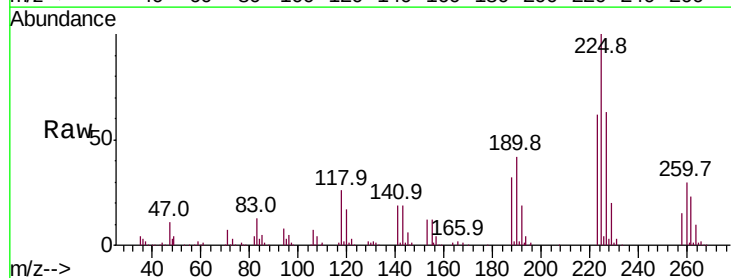


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

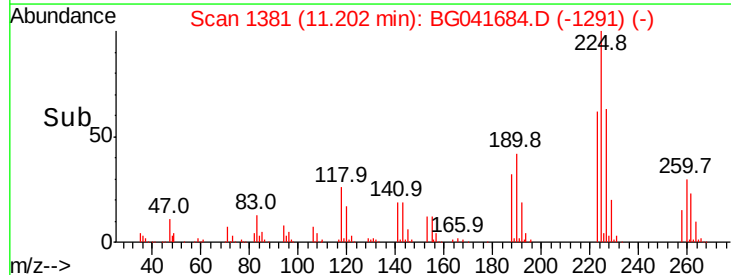
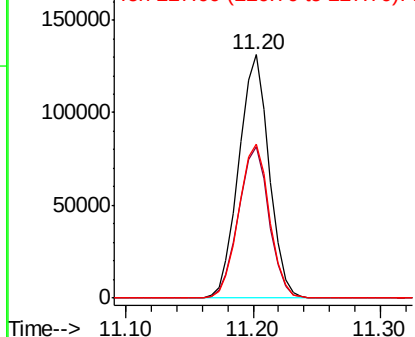


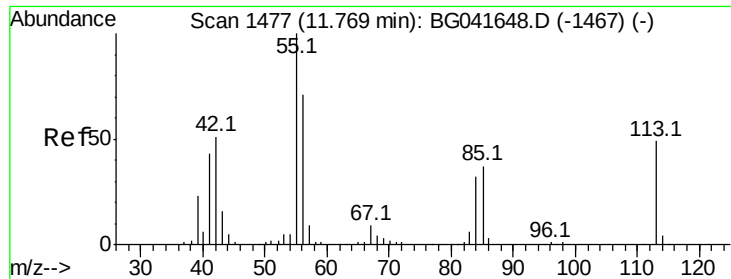
#34  
Hexachlorobutadiene  
Concen: 41.410 ng  
RT: 11.20 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 217770 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.4  | 51.1  | 76.7   |
| 227      | 63.3  | 50.9  | 76.3   |



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

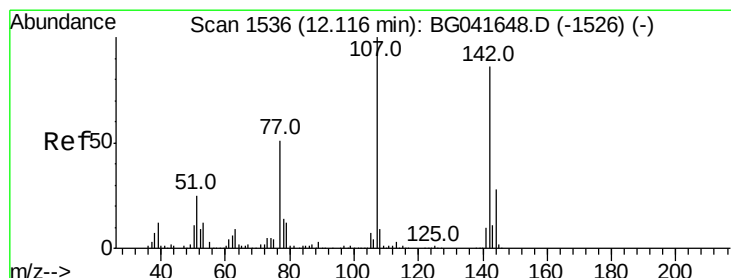
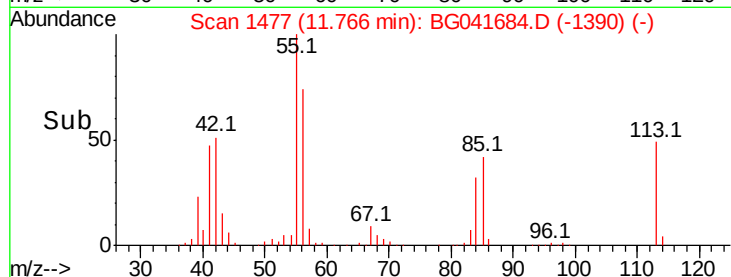
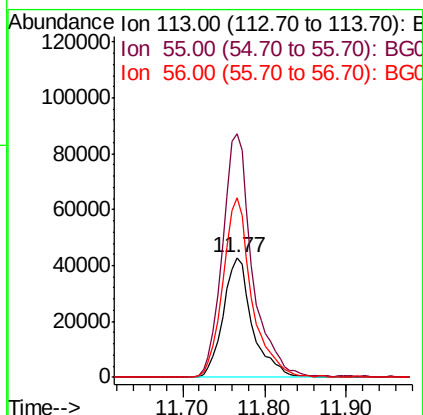
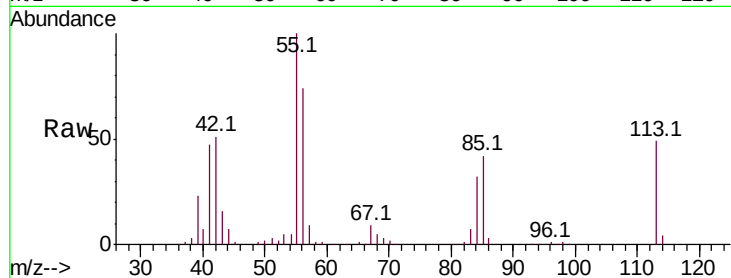




#35  
 Caprolactam  
 Concen: 41.461 ng  
 RT: 11.77 min Scan# 1477  
 Delta R.T. -0.02 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

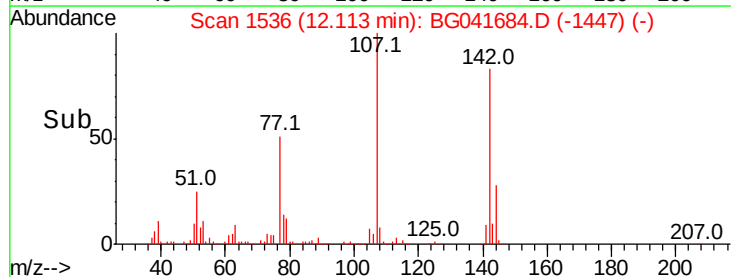
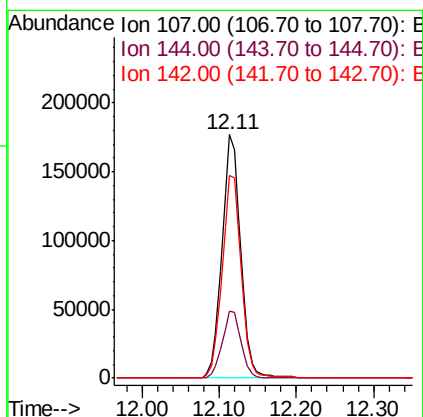
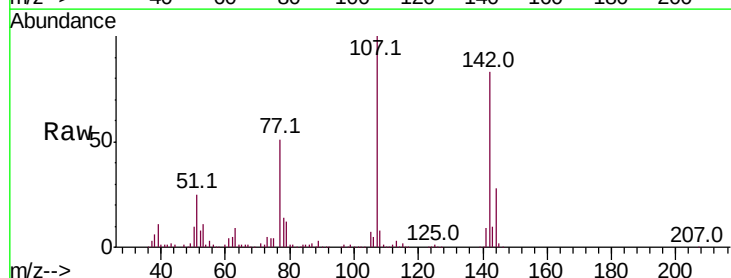
Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTDCCC040

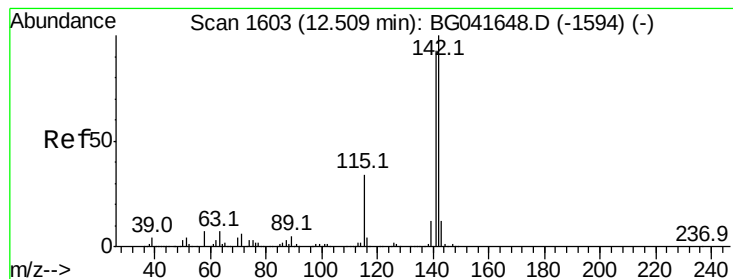
Tot Ion:113 Resp: 106196  
 Ion Ratio Lower Upper  
 113 100  
 55 203.3 199.4 239.4  
 56 150.0 133.6 173.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 41.045 ng  
 RT: 12.11 min Scan# 1536  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

Tgt Ion:107 Resp: 299641  
 Ion Ratio Lower Upper  
 107 100  
 144 27.6 22.2 33.2  
 142 83.4 67.3 100.9





#37

2-Methylnaphthalene

Concen: 41.193 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

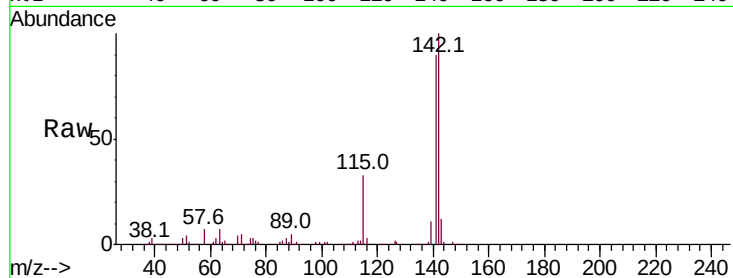
Tot Ion:142 Resp: 664735

Ion Ratio Lower Upper

142 100

141 89.8 72.7 109.1

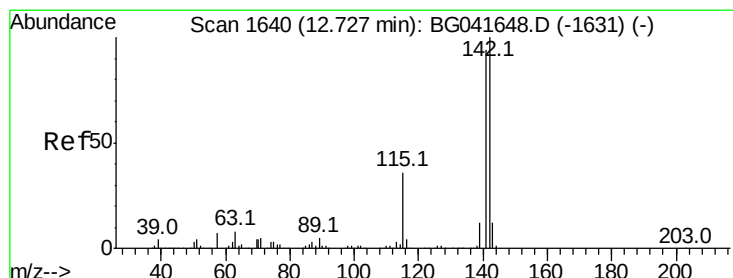
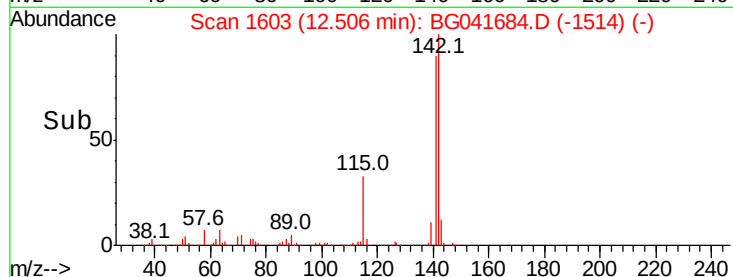
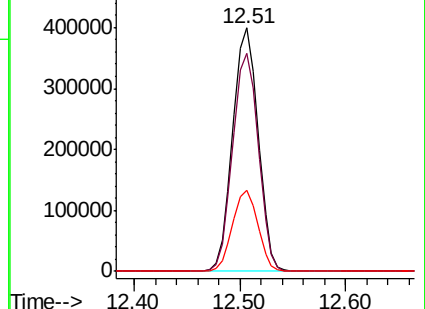
115 33.4 27.0 40.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.191 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

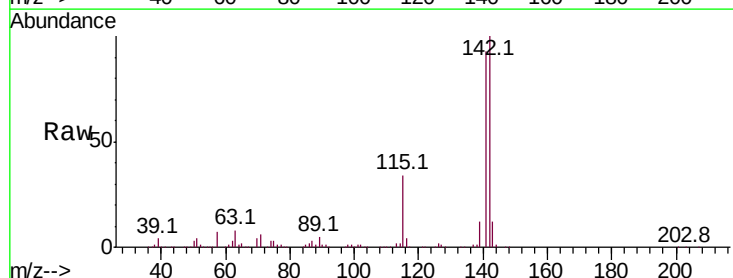
Tgt Ion:142 Resp: 633702

Ion Ratio Lower Upper

142 100

141 92.8 75.4 113.2

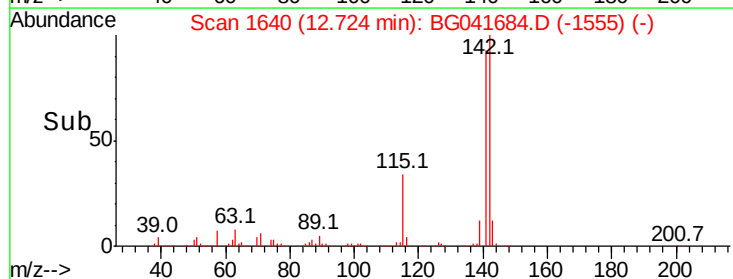
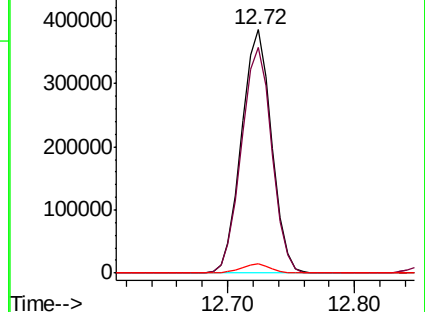
116 3.6 3.2 4.8

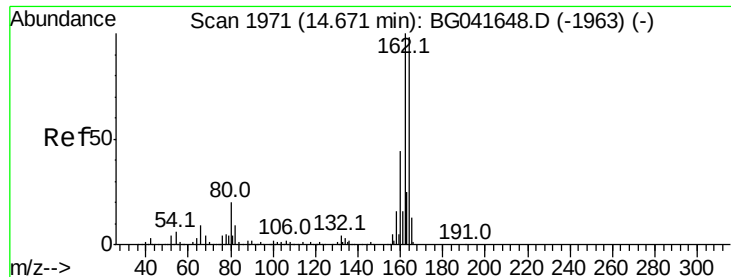


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

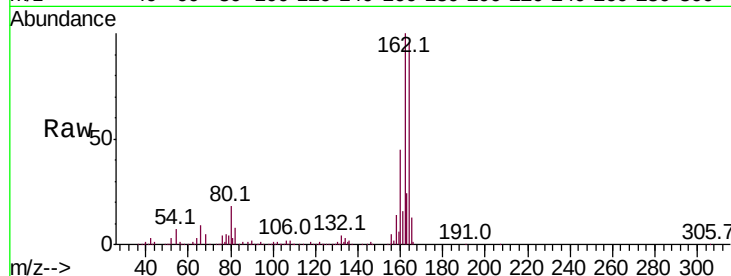
Tot Ion:164 Resp: 260749

Ion Ratio Lower Upper

164 100

162 104.4 79.6 119.4

160 47.0 35.4 53.0

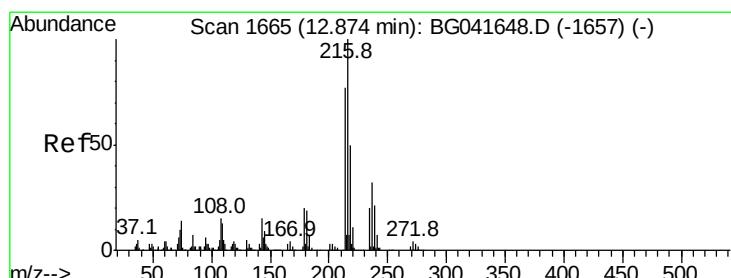
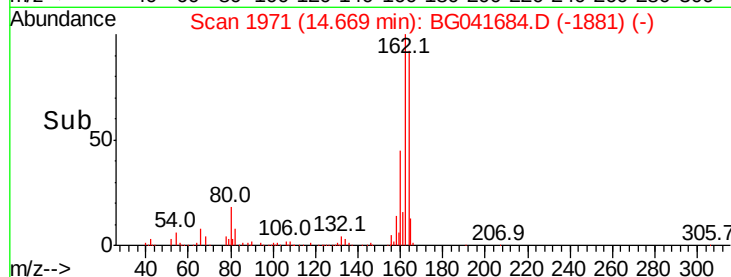
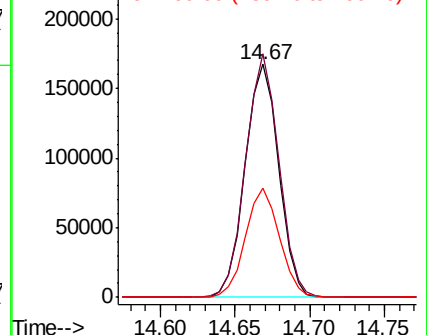


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.756 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Tgt Ion:216 Resp: 372947

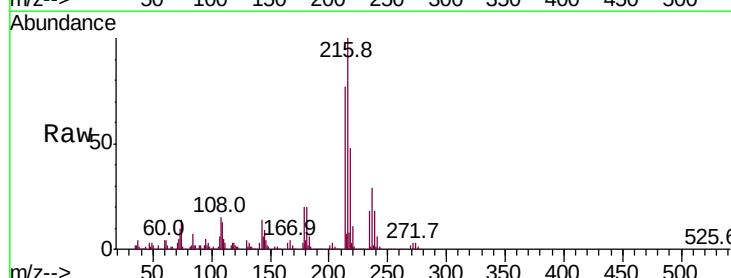
Ion Ratio Lower Upper

216 100

214 76.0 61.5 92.3

179 19.6 16.2 24.2

108 15.7 13.2 19.8



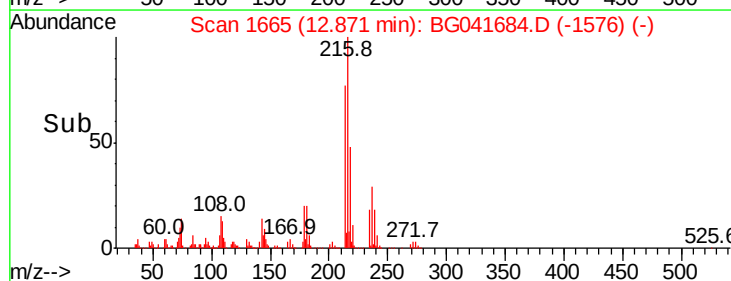
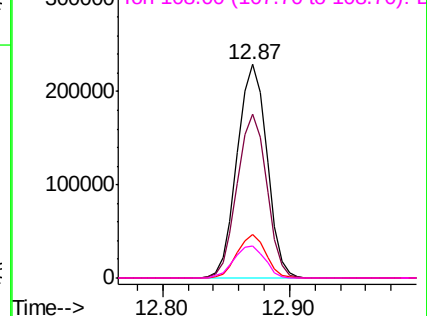
Abundance

Ion 216.00 (215.70 to 216.70): E

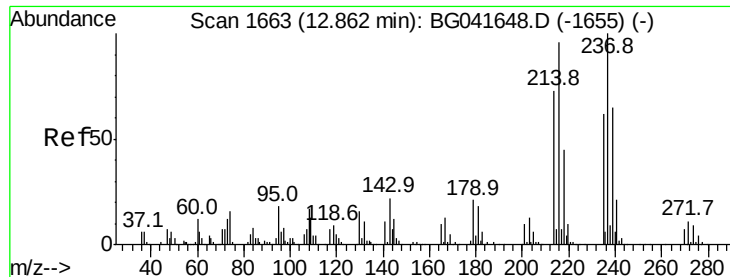
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



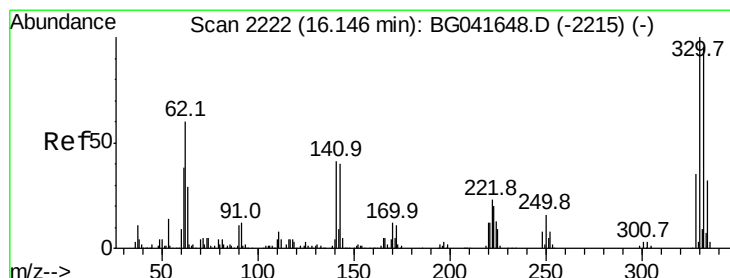
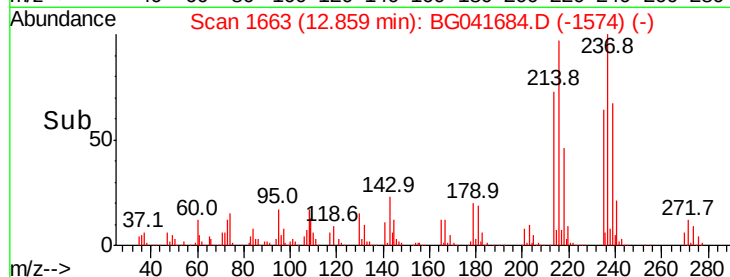
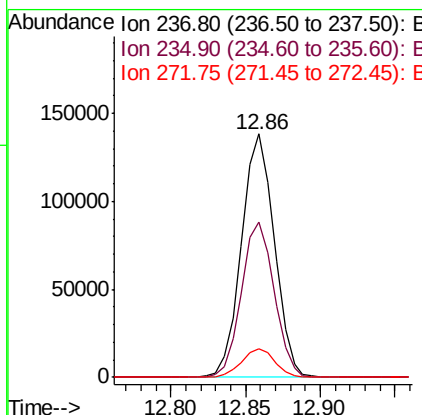
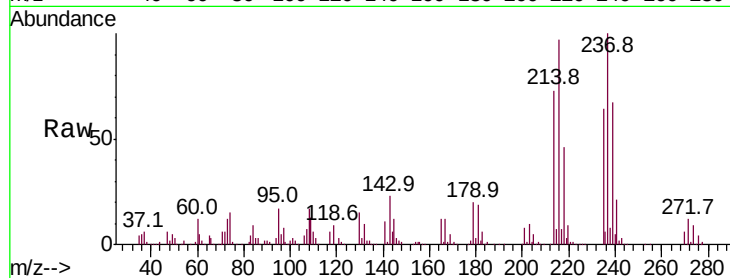




#41  
Hexachlorocyclopentadiene  
Concen: 41.716 ng  
RT: 12.86 min Scan# 1663  
Delta R.T. -0.01 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

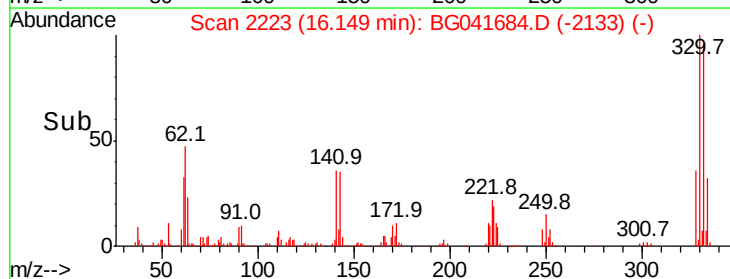
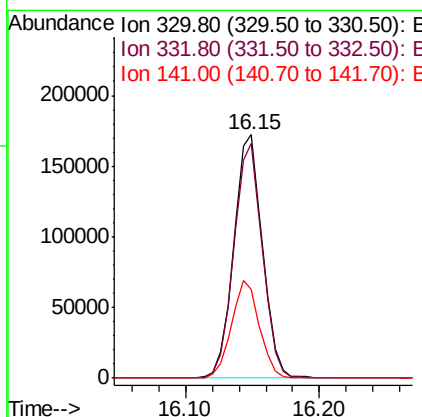
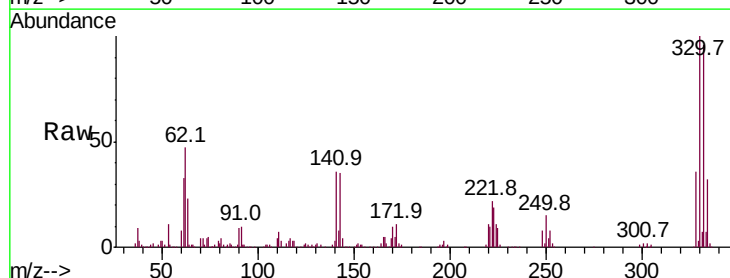
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

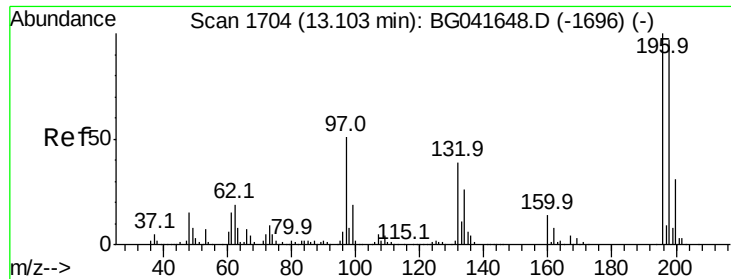
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 237     | 100   |       |       |
| 235     | 63.9  | 43.5  | 83.5  |
| 272     | 11.6  | 0.0   | 31.2  |



#42  
2,4,6-Tribromophenol  
Concen: 87.374 ng  
RT: 16.15 min Scan# 2223  
Delta R.T. -0.00 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.0  | 77.4  | 116.0 |
| 141     | 39.2  | 31.9  | 47.9  |

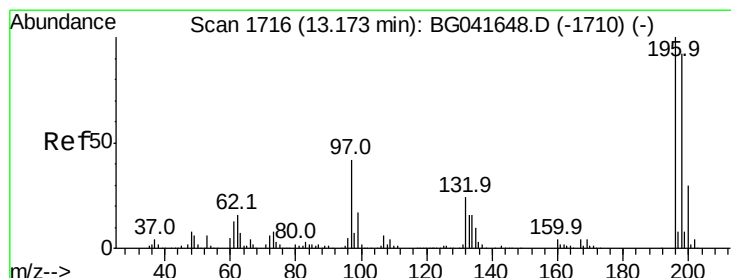
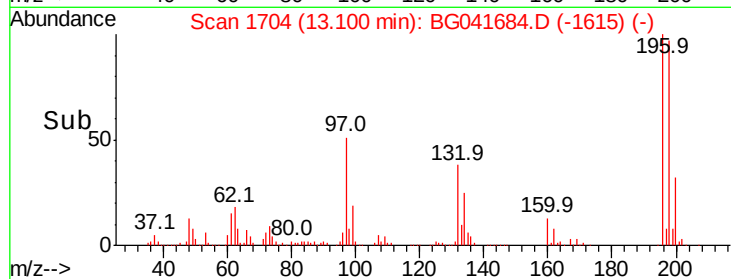
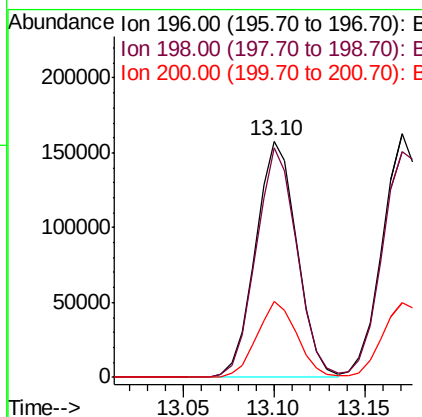
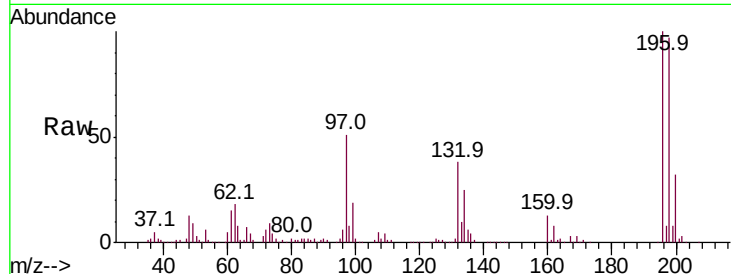




#43  
 2,4,6-Trichlorophenol  
 Concen: 43.096 ng  
 RT: 13.10 min Scan# 1704  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

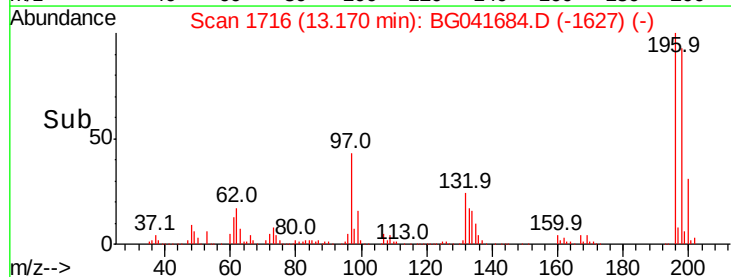
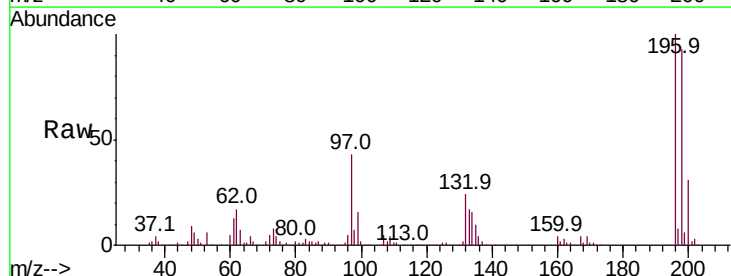
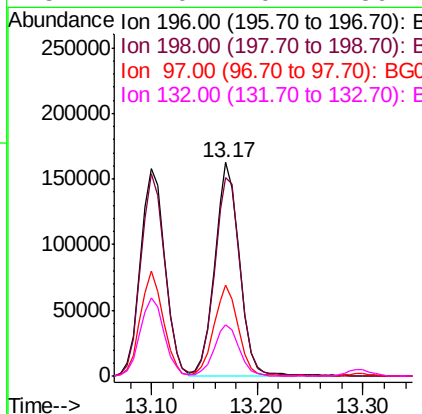
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

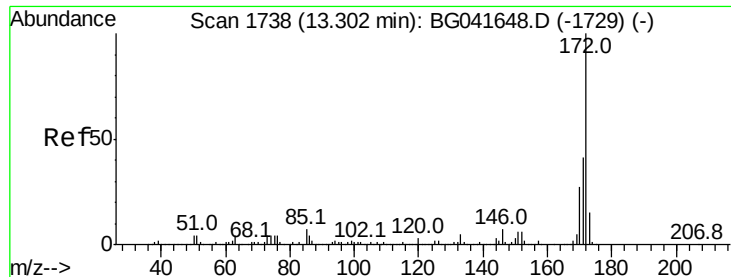
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.4  | 79.6  | 119.4 |
| 200     | 32.1  | 25.2  | 37.8  |



#44  
 2,4,5-Trichlorophenol  
 Concen: 43.036 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 92.7  | 80.6  | 121.0 |
| 97      | 42.6  | 33.9  | 50.9  |
| 132     | 24.0  | 20.2  | 30.2  |

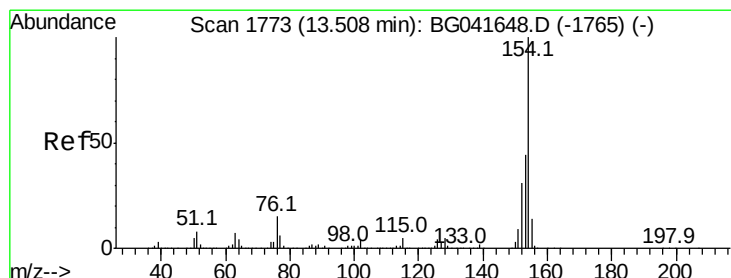
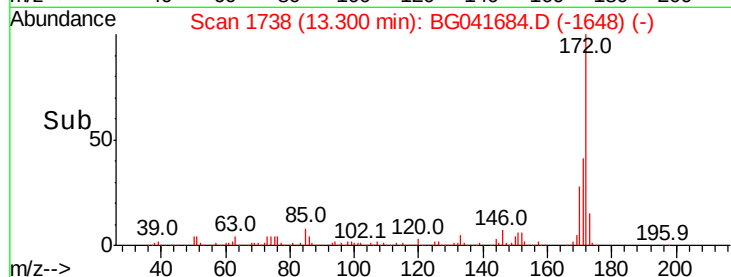
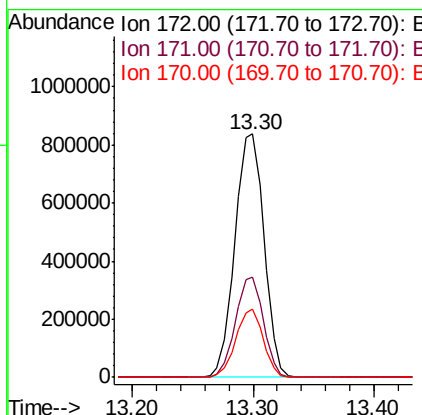
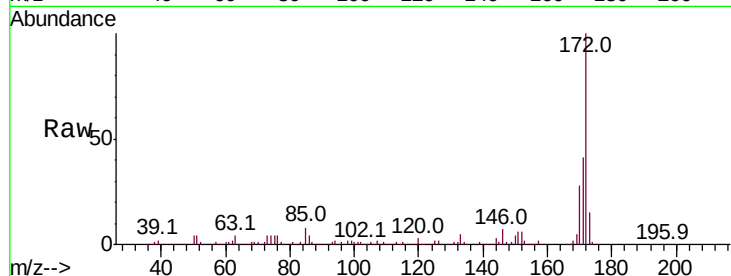




#45  
2-Fluorobiphenyl  
Concen: 83.932 ng  
RT: 13.30 min Scan# 1738  
Delta R.T. -0.00 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

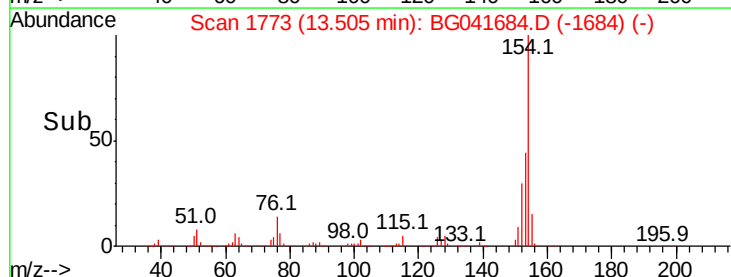
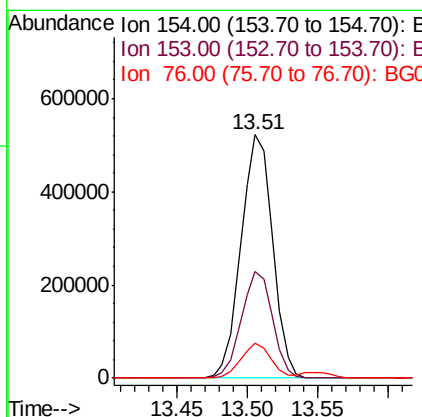
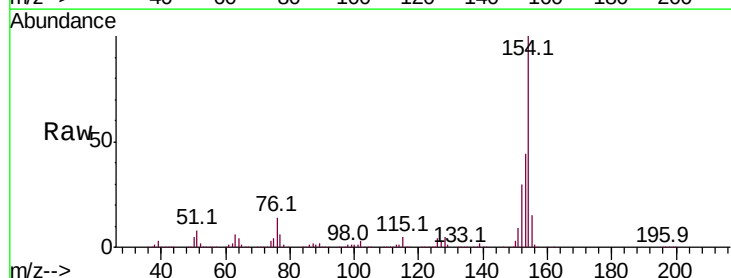
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

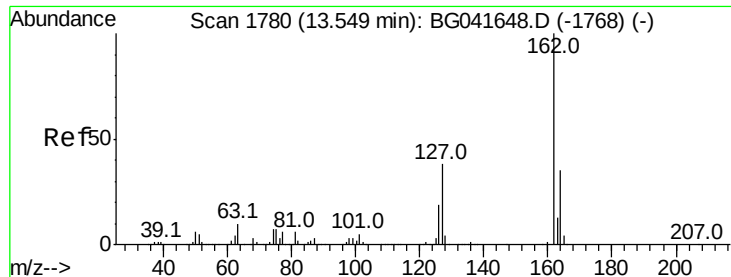
Tot Ion:172 Resp: 1413309  
Ion Ratio Lower Upper  
172 100  
171 41.3 35.0 52.4  
170 27.8 23.5 35.3



#46  
1,1'-Biphenyl  
Concen: 41.892 ng  
RT: 13.51 min Scan# 1773  
Delta R.T. -0.01 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

Tgt Ion:154 Resp: 818351  
Ion Ratio Lower Upper  
154 100  
153 43.6 25.0 65.0  
76 14.2 0.0 34.5

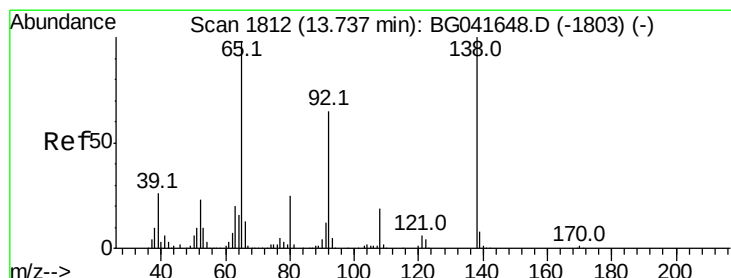
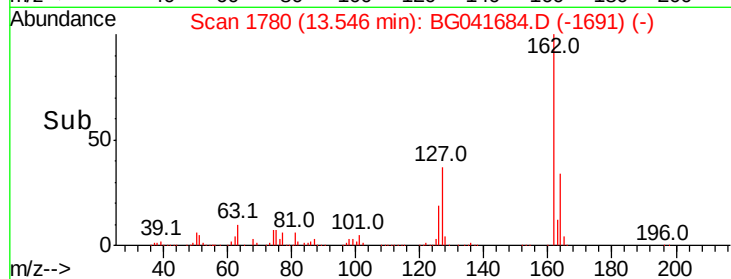
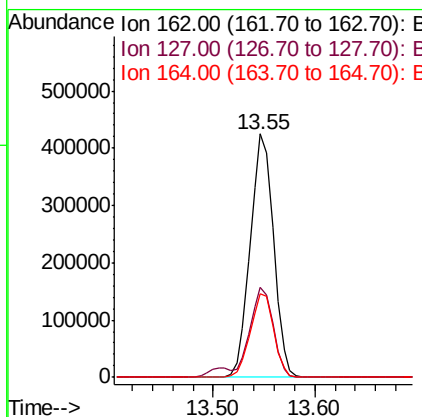
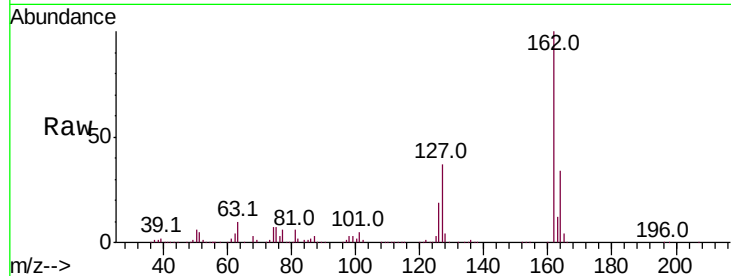




#47  
2-Chloronaphthalene  
Concen: 41.800 ng  
RT: 13.55 min Scan# 1780  
Delta R.T. -0.01 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

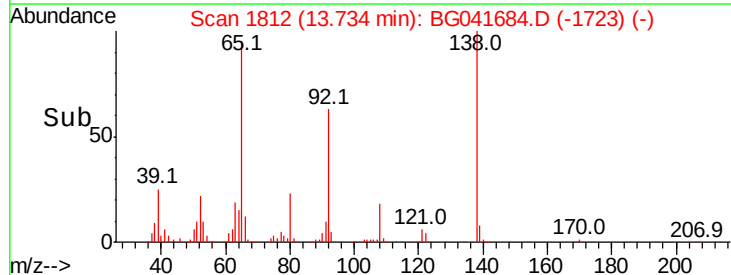
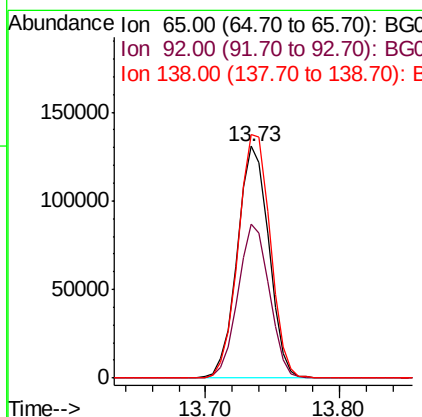
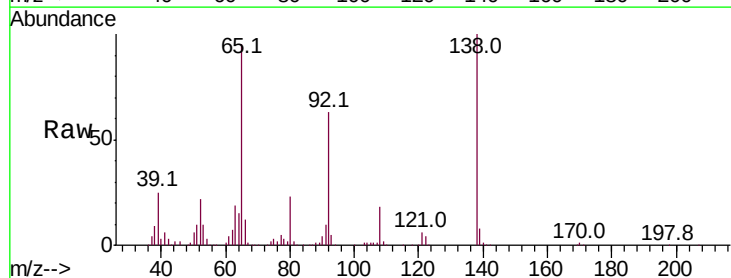
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

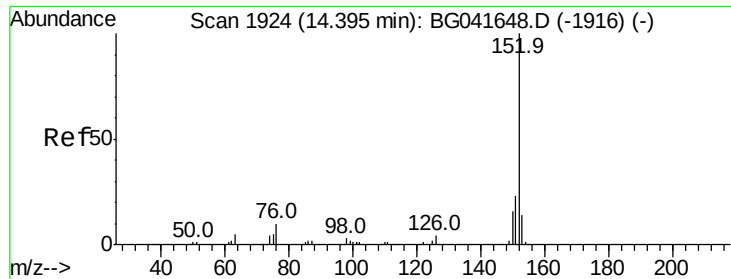
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.7  | 30.4  | 45.6  |
| 164     | 34.4  | 28.6  | 42.8  |



#48  
2-Nitroaniline  
Concen: 45.062 ng  
RT: 13.73 min Scan# 1812  
Delta R.T. -0.01 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.7  | 53.9  | 80.9  |
| 138     | 105.2 | 83.5  | 125.3 |





#49

Acenaphthylene

Concen: 41.743 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

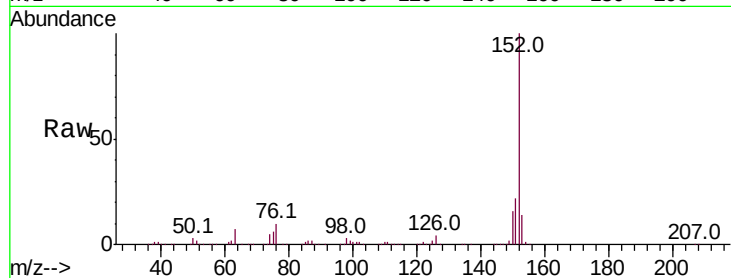
Tot Ion:152 Resp: 1060933

Ion Ratio Lower Upper

152 100

151 22.3 18.7 28.1

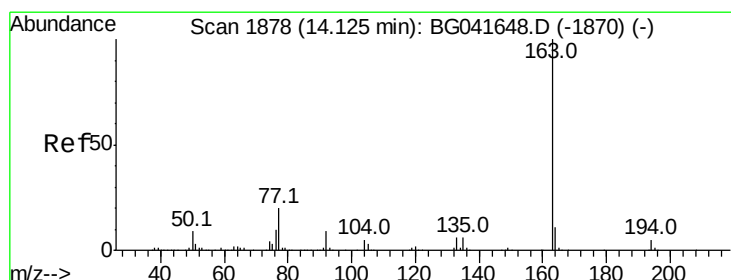
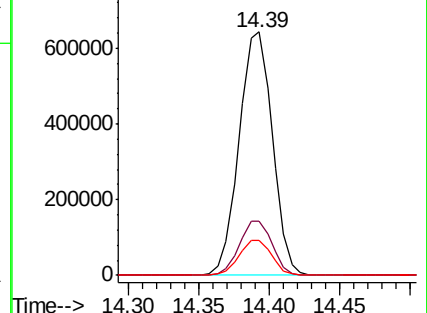
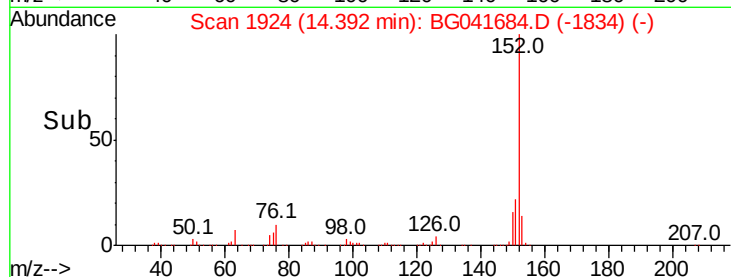
153 14.4 12.4 18.6



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: 42.104 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

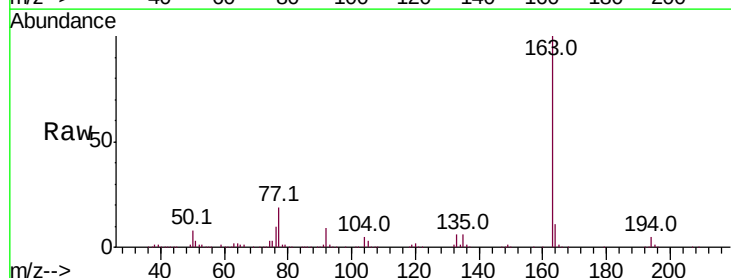
Tgt Ion:163 Resp: 862240

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

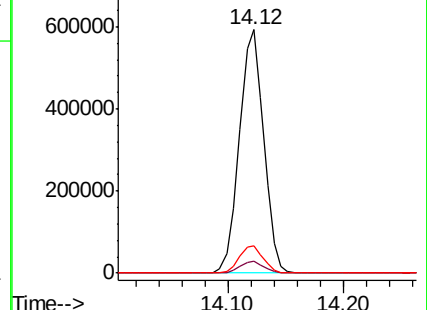
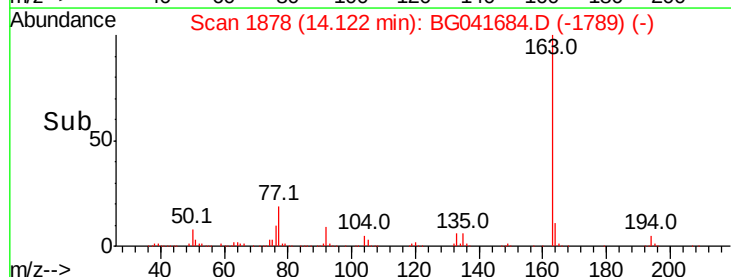
164 11.2 9.4 14.2

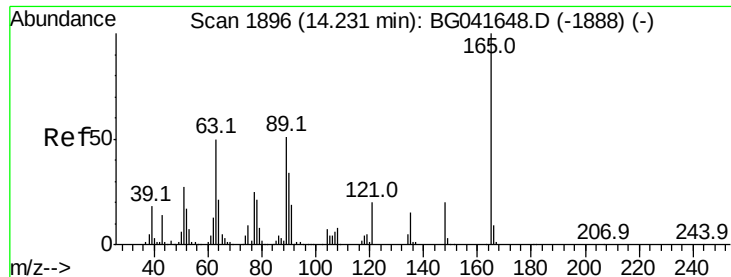


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

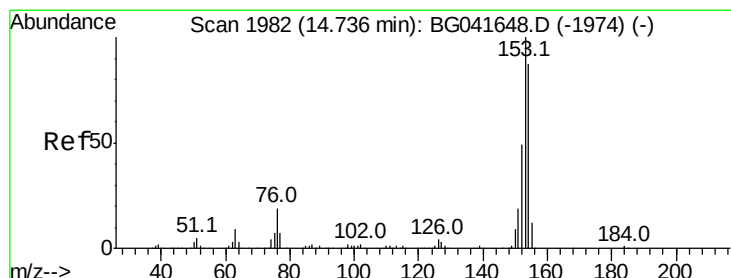
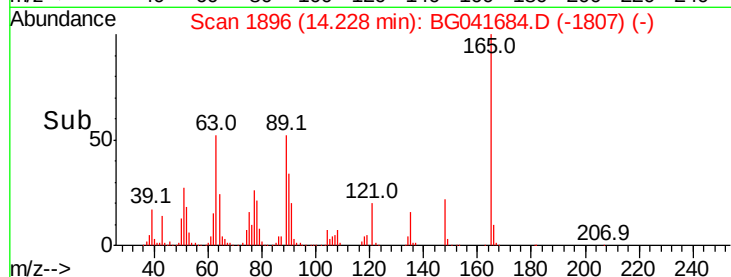
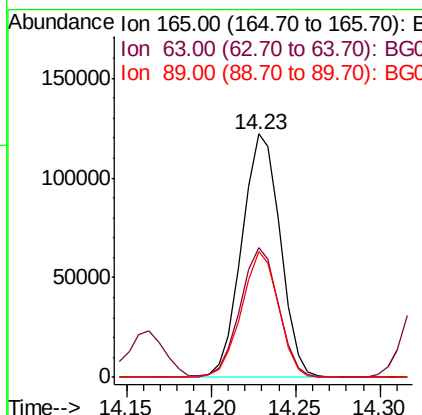
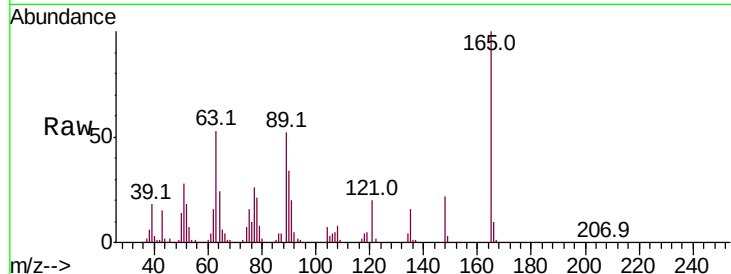




#51  
 2,6-Dinitrotoluene  
 Concen: 44.454 ng  
 RT: 14.23 min Scan# 1896  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

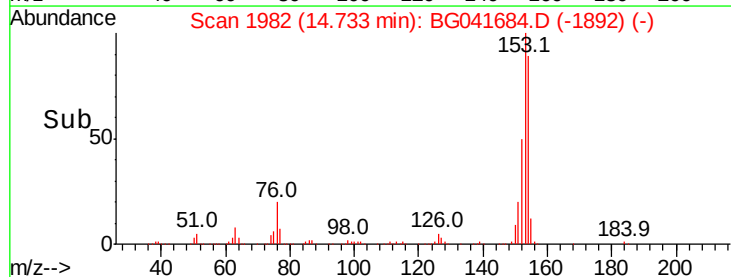
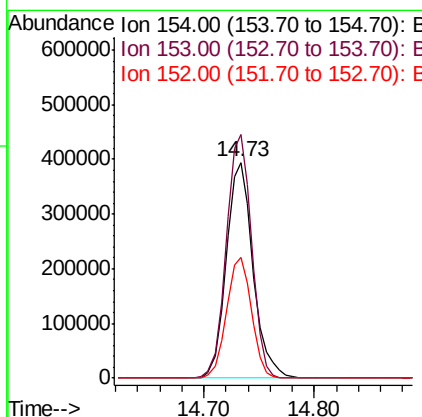
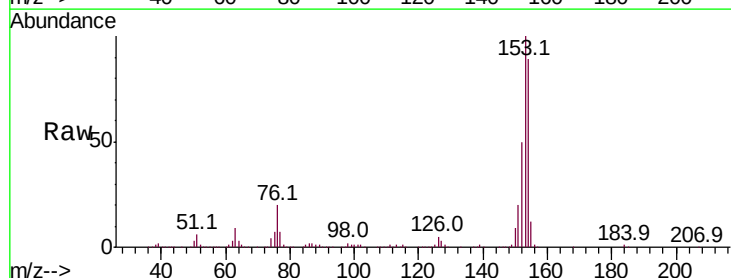
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

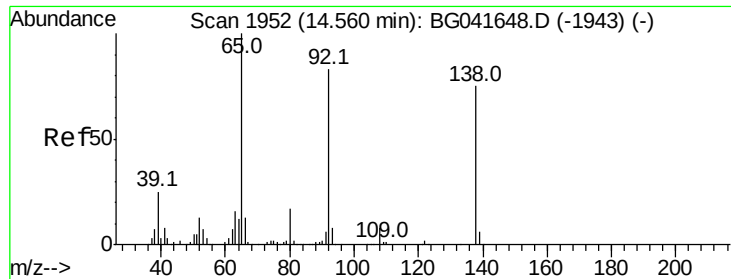
Tot Ion:165 Resp: 193101  
 Ion Ratio Lower Upper  
 165 100  
 63 53.1 42.4 63.6  
 89 51.6 42.1 63.1



#52  
 Acenaphthene  
 Concen: 41.711 ng  
 RT: 14.73 min Scan# 1982  
 Delta R.T. -0.00 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

Tgt Ion:154 Resp: 668075  
 Ion Ratio Lower Upper  
 154 100  
 153 112.9 89.8 134.6  
 152 56.0 44.9 67.3

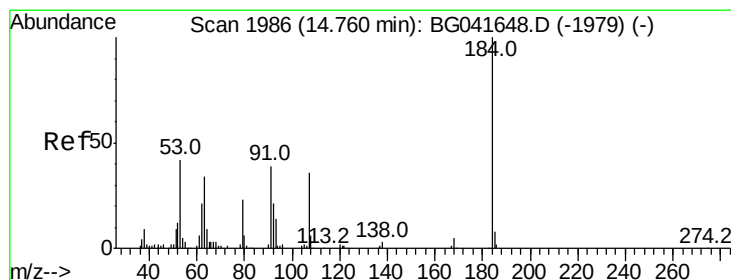
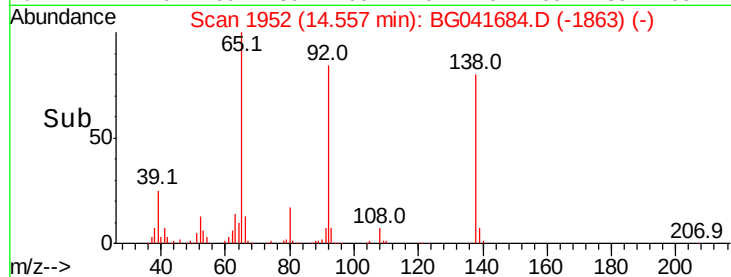
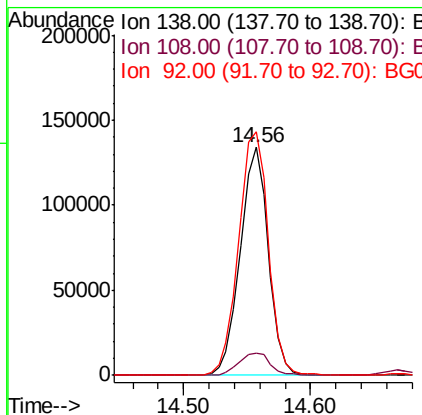
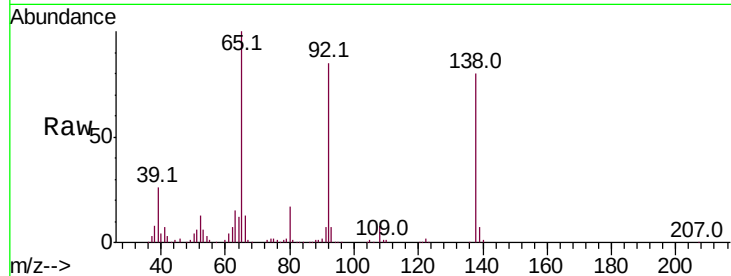




#53  
3-Nitroaniline  
Concen: 43.426 ng  
RT: 14.56 min Scan# 1952  
Delta R.T. -0.01 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

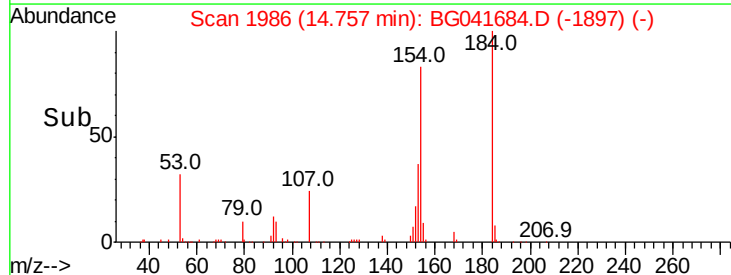
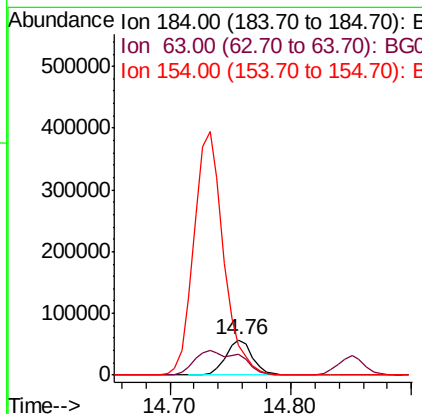
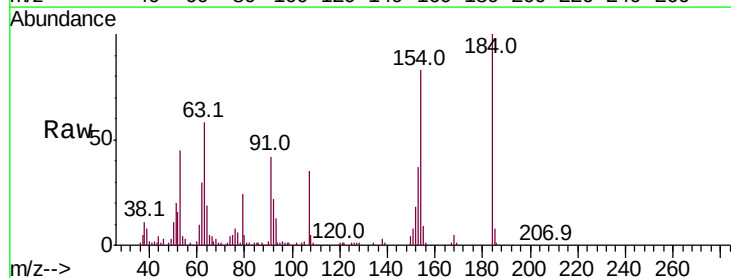
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

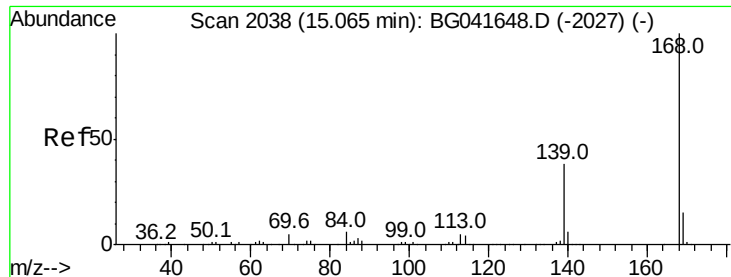
Tot Ion:138 Resp: 205918  
Ion Ratio Lower Upper  
138 100  
108 9.5 10.3 15.5#  
92 106.8 93.0 139.4



#54  
2,4-Dinitrophenol  
Concen: 43.793 ng  
RT: 14.76 min Scan# 1986  
Delta R.T. -0.01 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

Tgt Ion:184 Resp: 87639  
Ion Ratio Lower Upper  
184 100  
63 57.7 43.2 64.8  
154 82.7 51.4 77.2#





#55

Dibenzenofuran

Concen: 41.957 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

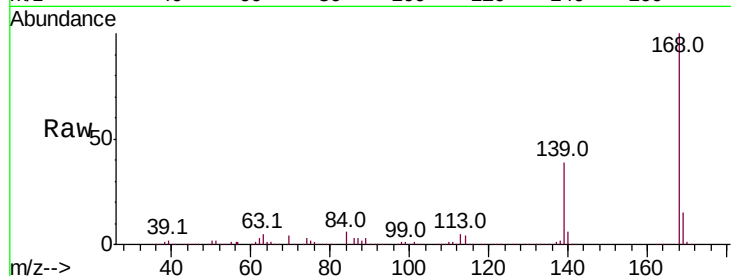
Tot Ion:168 Resp: 1008408

Ion Ratio Lower Upper

168 100

139 38.6 31.9 47.9

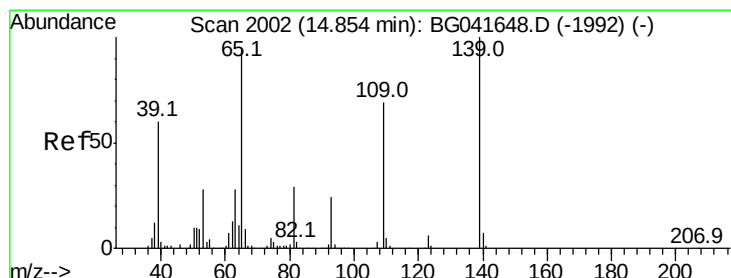
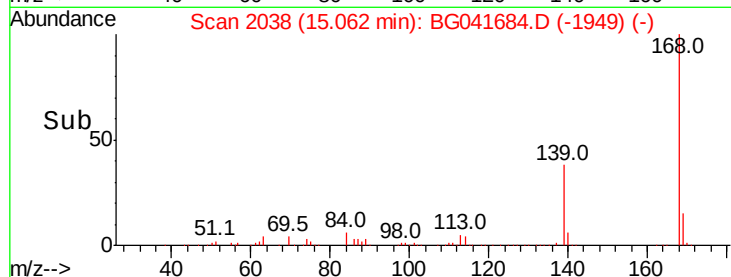
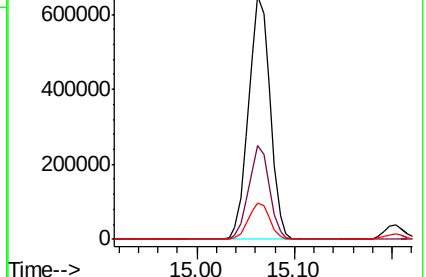
169 14.8 12.5 18.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 43.051 ng

RT: 14.85 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

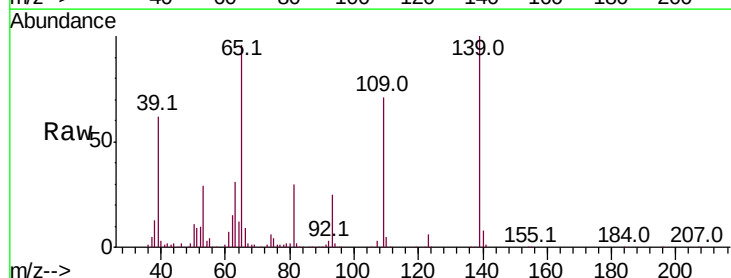
Tgt Ion:139 Resp: 165276

Ion Ratio Lower Upper

139 100

109 70.6 51.3 91.3

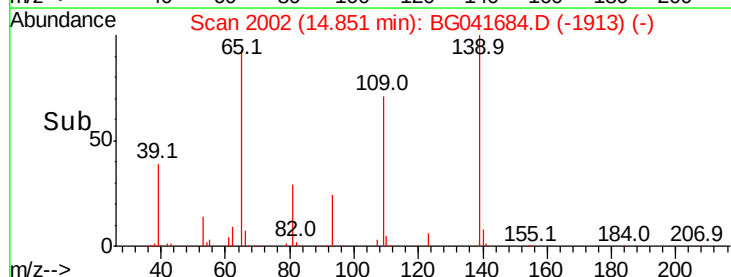
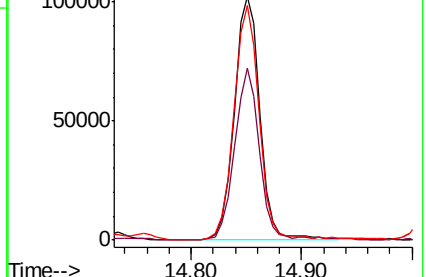
65 96.4 77.6 117.6



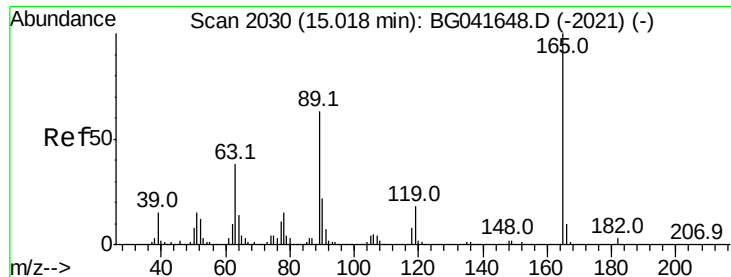
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



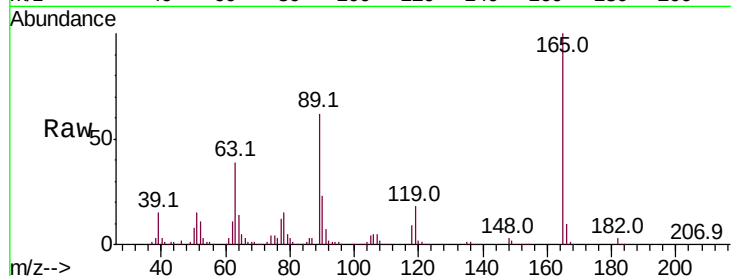




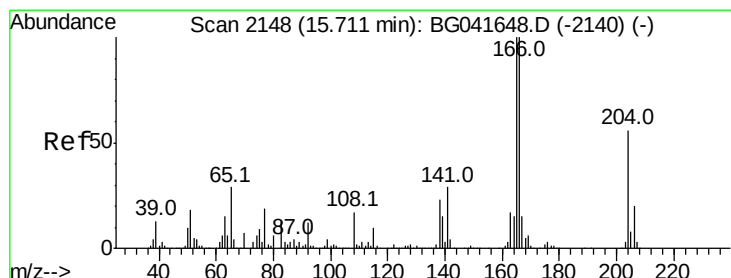
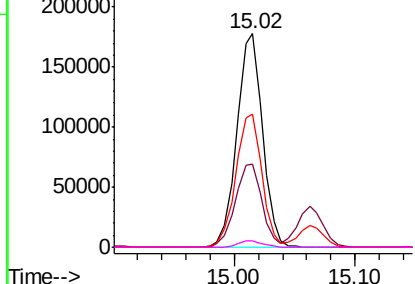
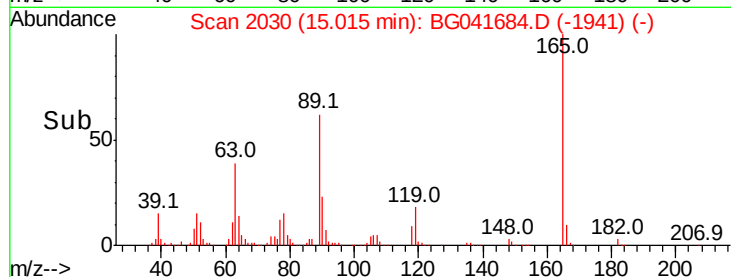
#57  
 2,4-Dinitrotoluene  
 Concen: 45.842 ng  
 RT: 15.02 min Scan# 2030  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

Tot Ion:165 Resp: 263224  
 Ion Ratio Lower Upper  
 165 100  
 63 38.8 31.7 47.5  
 89 62.4 50.2 75.4  
 182 3.1 2.6 4.0

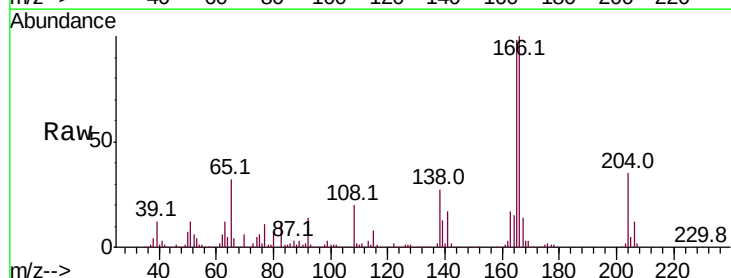


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 89.00 (88.70 to 89.70): BG  
 Ion 182.00 (181.70 to 182.70): E

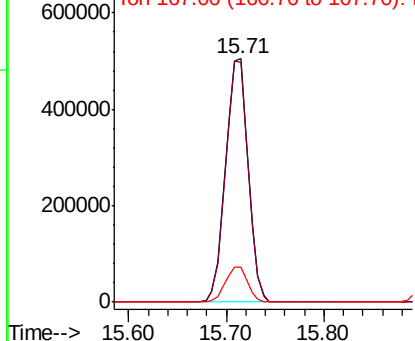
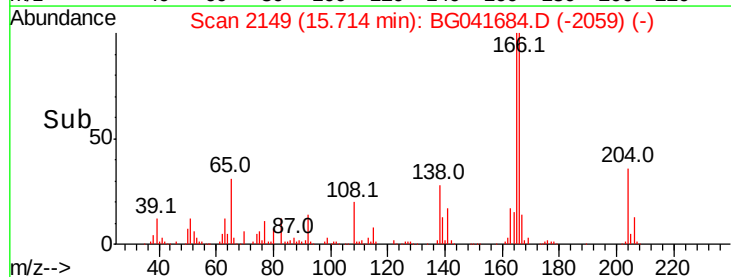


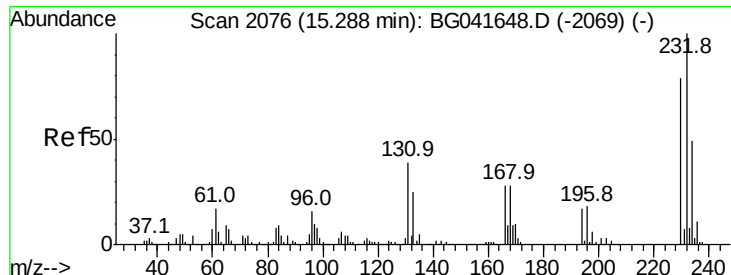
#58  
 Fluorene  
 Concen: 41.384 ng  
 RT: 15.71 min Scan# 2149  
 Delta R.T. -0.00 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

Tgt Ion:166 Resp: 809314  
 Ion Ratio Lower Upper  
 166 100  
 165 98.4 80.5 120.7  
 167 14.3 12.4 18.6



Abundance Ion 166.00 (165.70 to 166.70): E  
 Ion 165.00 (164.70 to 165.70): E  
 Ion 167.00 (166.70 to 167.70): E

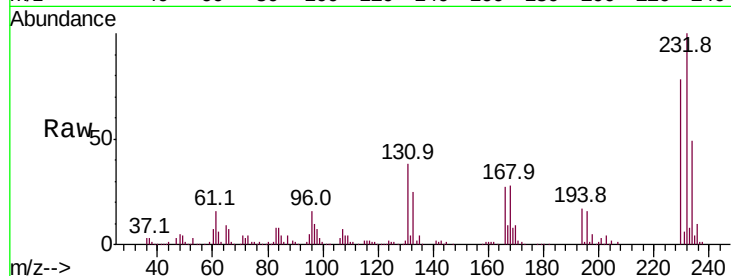




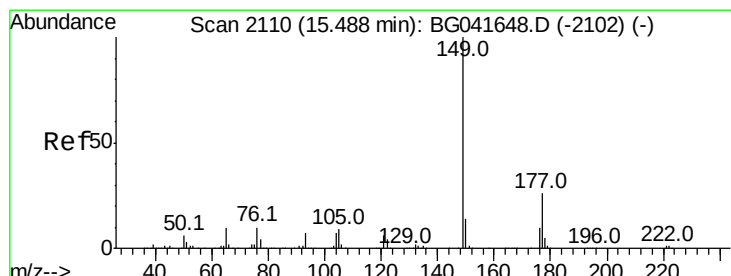
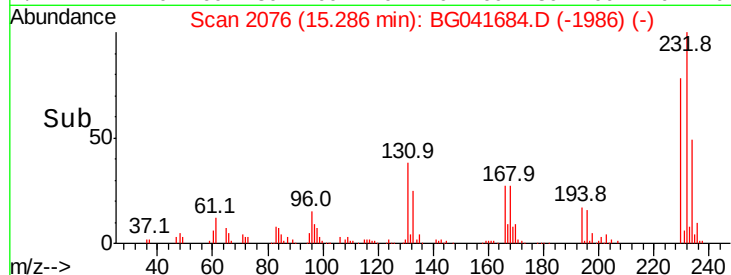
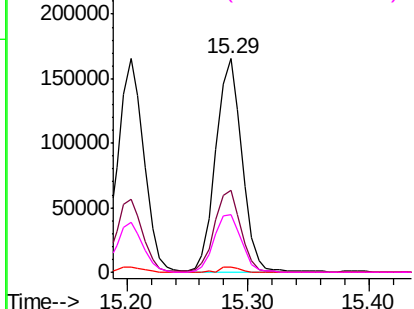
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.744 ng  
 RT: 15.29 min Scan# 2076  
 Delta R.T. -0.00 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 246931 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 38.2  | 31.8  | 47.6   |
| 130      | 2.0   | 1.8   | 2.8    |
| 166      | 28.0  | 23.5  | 35.3   |

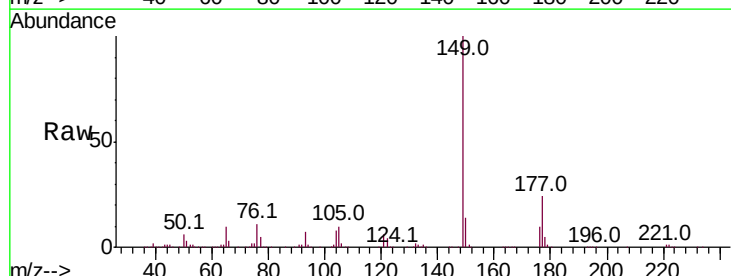


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

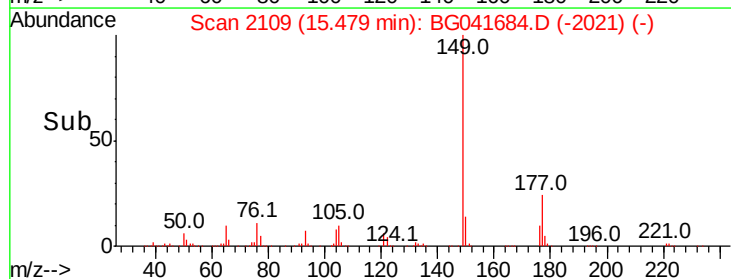
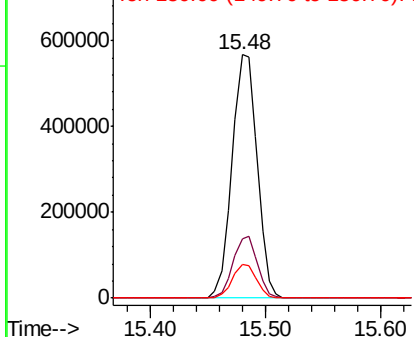


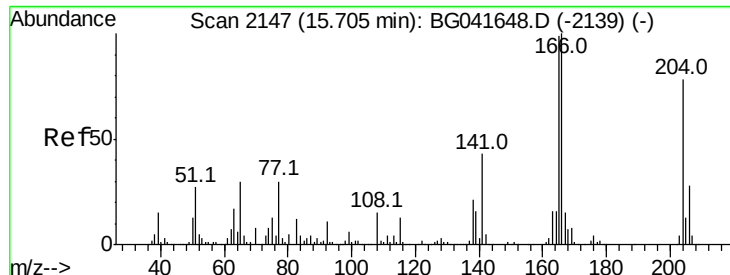
#60  
 Diethylphthalate  
 Concen: 41.283 ng  
 RT: 15.48 min Scan# 2109  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 851712 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.4  | 20.7  | 31.1   |
| 150      | 14.1  | 11.5  | 17.3   |



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

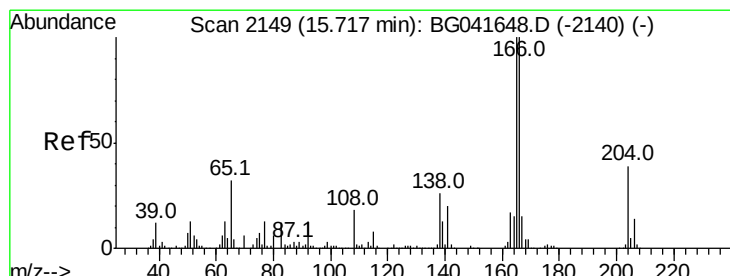
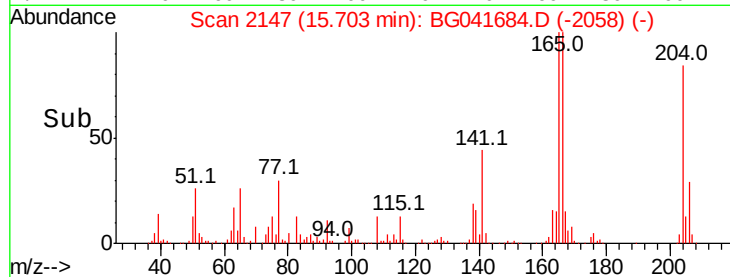
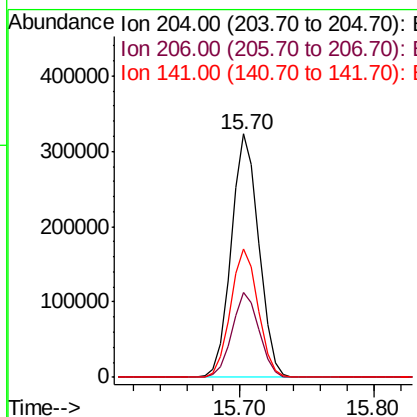
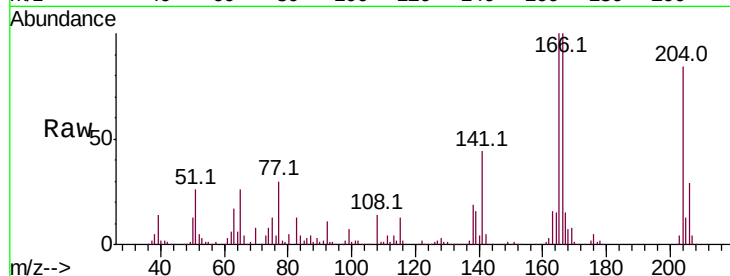




#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.943 ng  
 RT: 15.70 min Scan# 2147  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

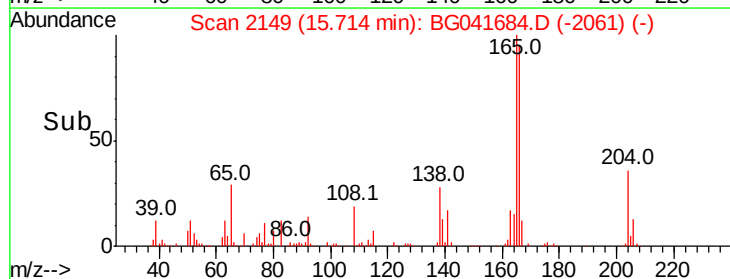
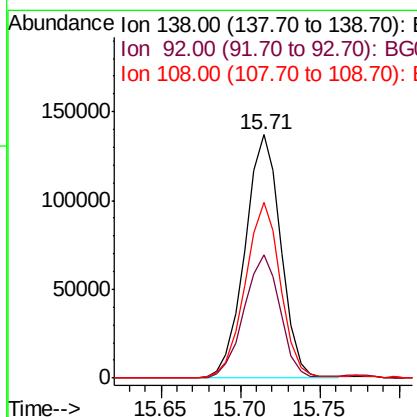
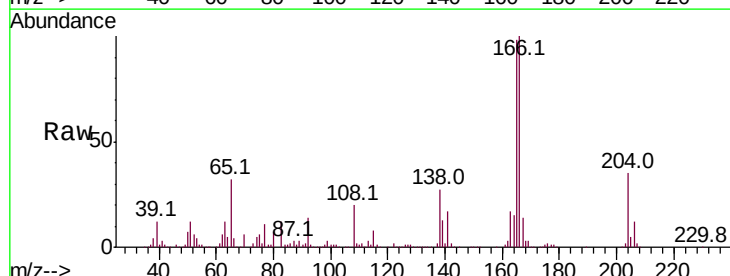
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

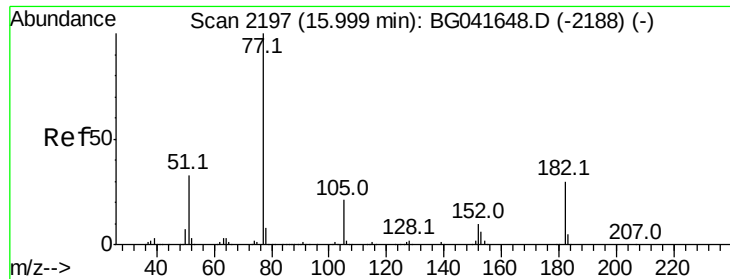
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 204   | Resp: | 463669 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 35.0  | 28.6  | 42.8   |
| 141      | 52.5  | 42.9  | 64.3   |



#62  
 4-Nitroaniline  
 Concen: 42.837 ng  
 RT: 15.71 min Scan# 2149  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 215430 |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 50.4  | 29.8  | 69.8   |
| 108      | 72.4  | 52.2  | 92.2   |

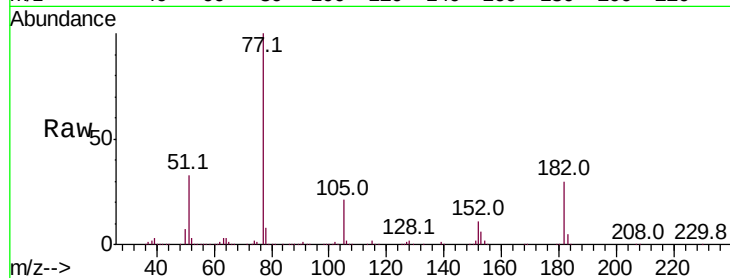




#63  
Azobenzene  
Concen: 40.801 ng  
RT: 16.00 min Scan# 2197  
Delta R.T. -0.01 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 182     | 30.3  | 13.2  | 53.2  |
| 105     | 21.2  | 2.2   | 42.2  |
| 51      | 33.2  | 14.6  | 54.6  |



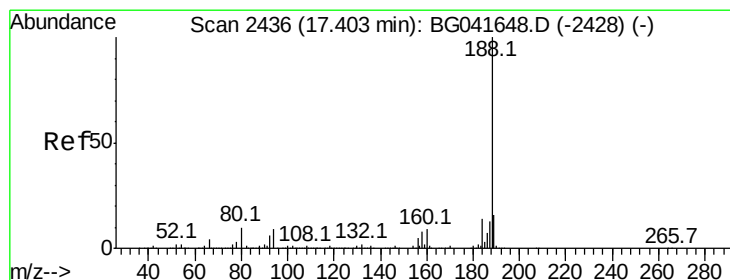
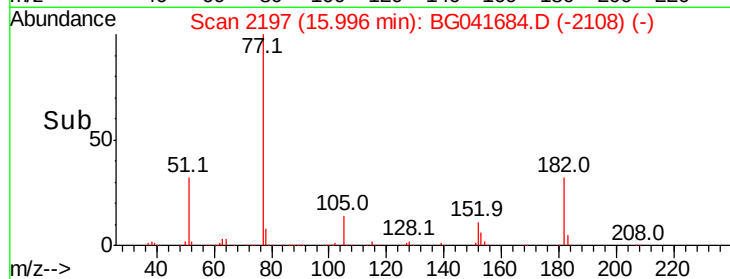
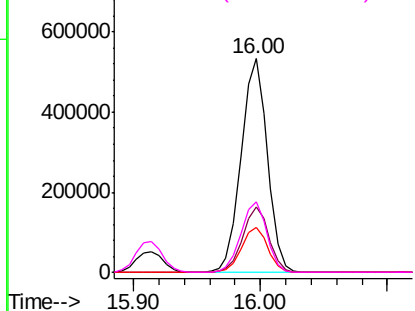
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

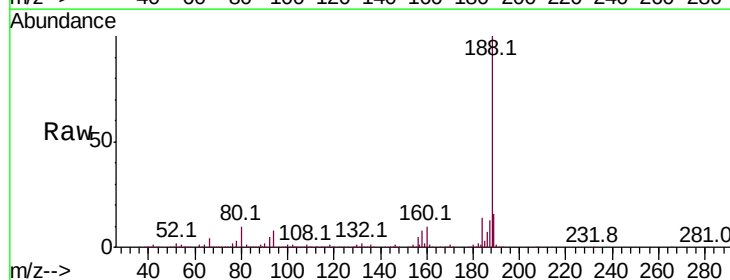
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.40 min Scan# 2436  
Delta R.T. -0.01 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.1   | 6.9   | 10.3  |
| 80      | 9.7   | 8.0   | 12.0  |

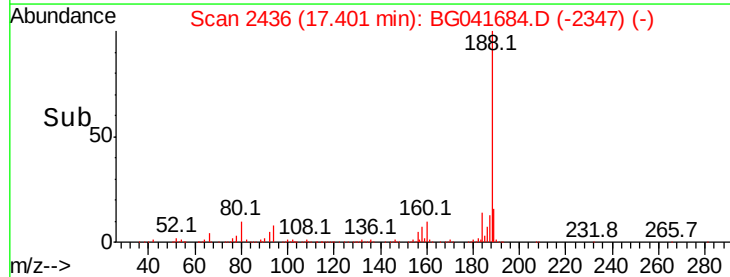
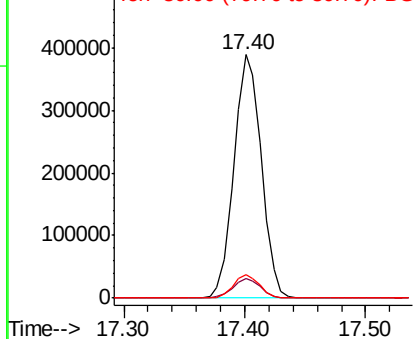


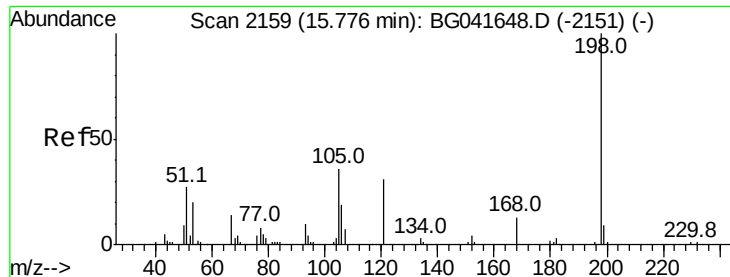
Abundance

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

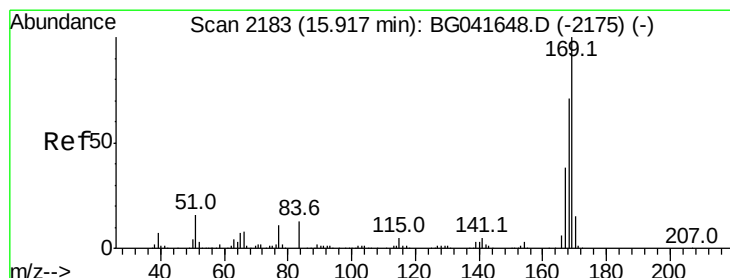
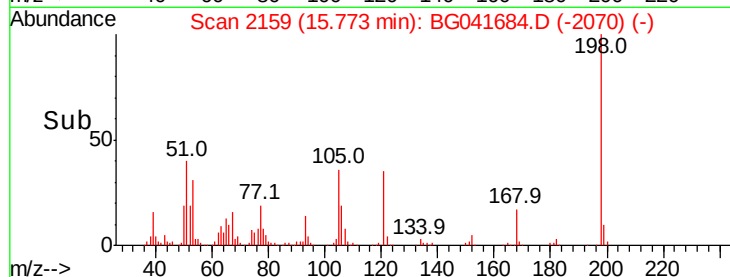
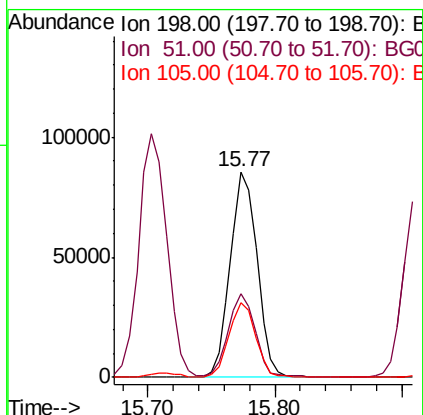
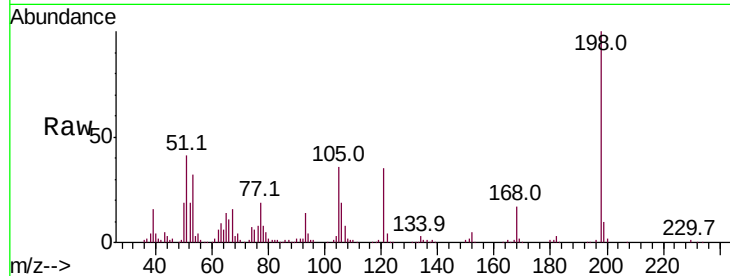




#65  
4,6-Dinitro-2-methylphenol  
Concen: 43.962 ng  
RT: 15.77 min Scan# 2159  
Delta R.T. -0.01 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

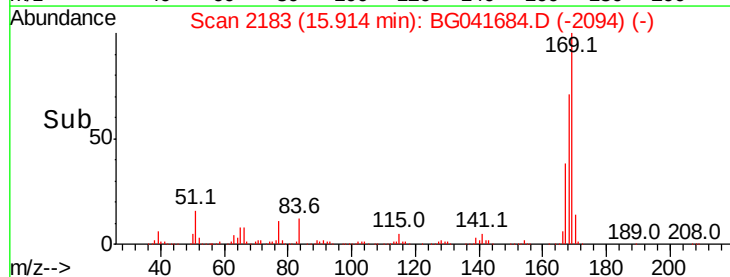
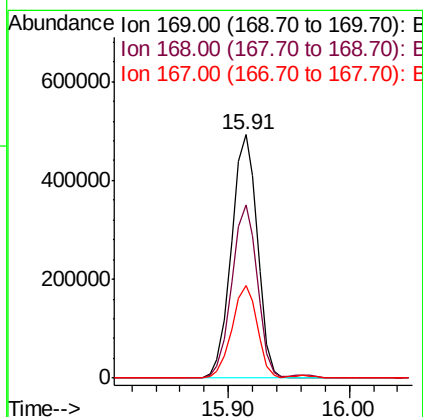
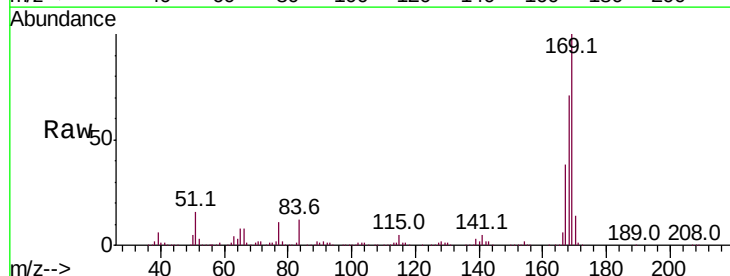
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

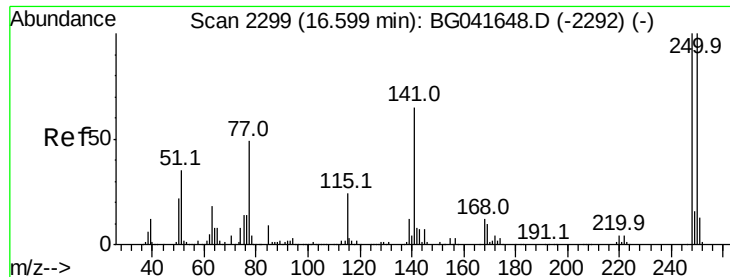
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 40.6  | 22.3  | 62.3  |
| 105     | 36.5  | 18.0  | 58.0  |



#66  
n-Nitrosodiphenylamine  
Concen: 40.979 ng  
RT: 15.91 min Scan# 2183  
Delta R.T. -0.01 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 71.1  | 56.9  | 85.3  |
| 167     | 37.9  | 31.5  | 47.3  |

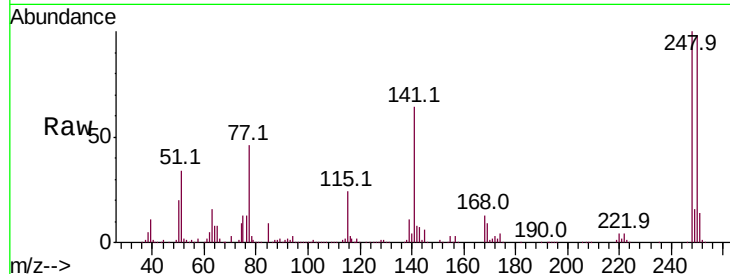




#67  
 4-Bromophenyl-phenylether  
 Concen: 41.541 ng  
 RT: 16.60 min Scan# 2299  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.1  | 78.1  | 117.1 |
| 141     | 63.6  | 49.6  | 74.4  |

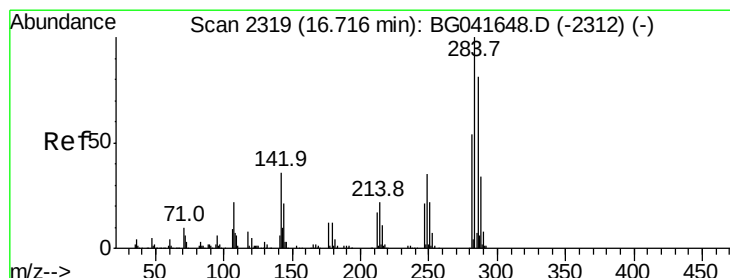
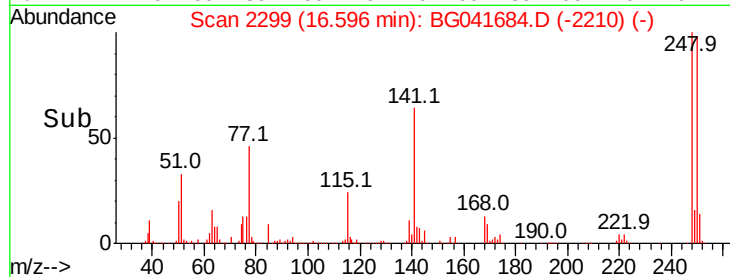
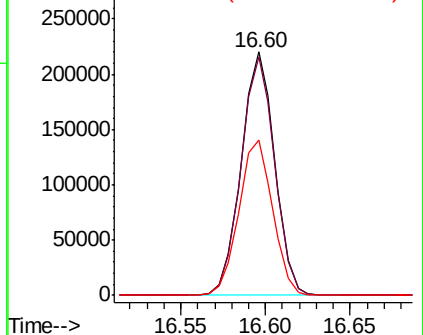


Abundance

Ion 248.00 (247.70 to 248.70): E

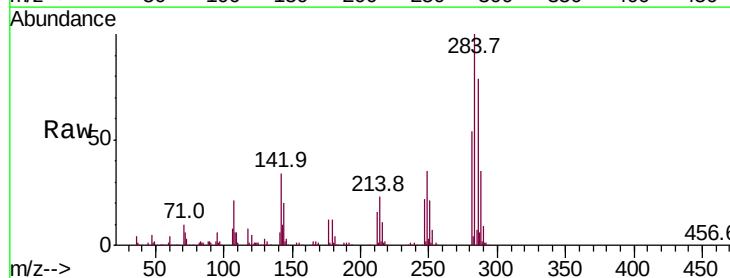
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68  
 Hexachlorobenzene  
 Concen: 41.559 ng  
 RT: 16.71 min Scan# 2319  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.0  | 27.0  | 40.6  |
| 249     | 34.7  | 28.4  | 42.6  |

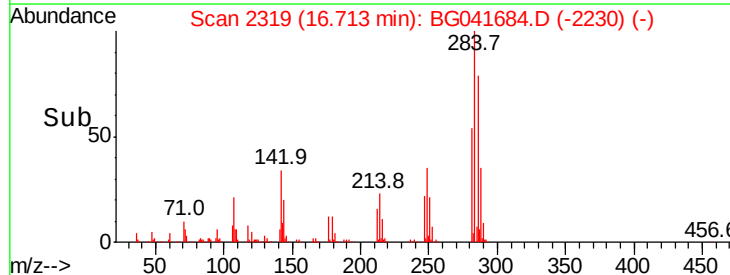
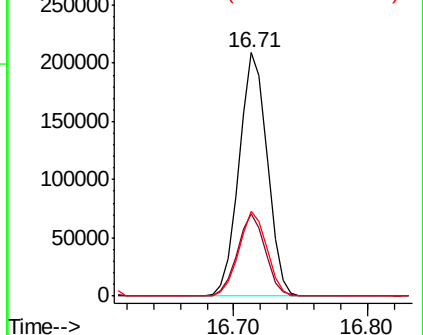


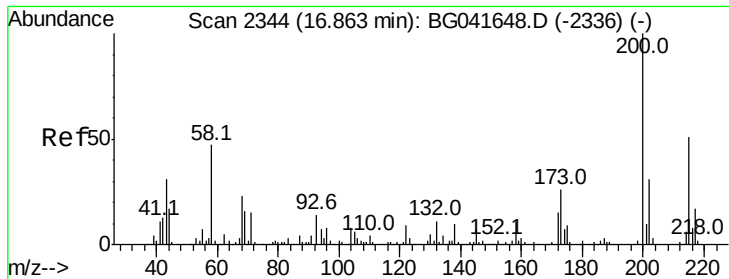
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

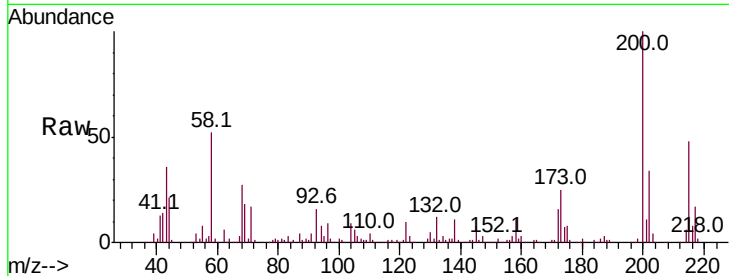




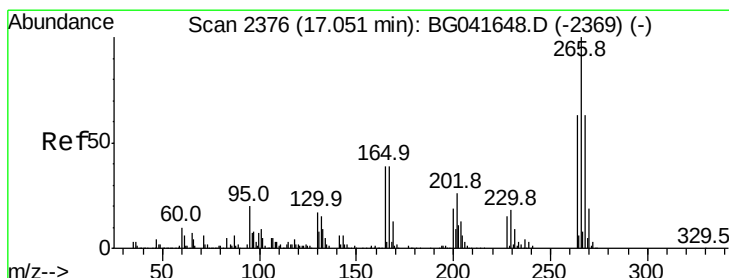
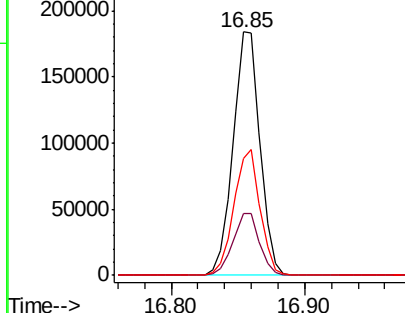
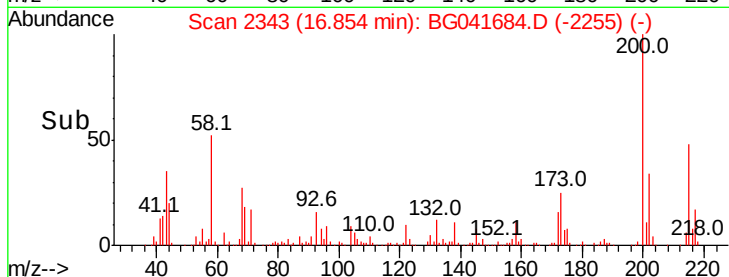
#69  
 Atrazine  
 Concen: 39.427 ng  
 RT: 16.85 min Scan# 2343  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.4  | 5.3   | 45.3  |
| 215     | 47.8  | 31.8  | 71.8  |

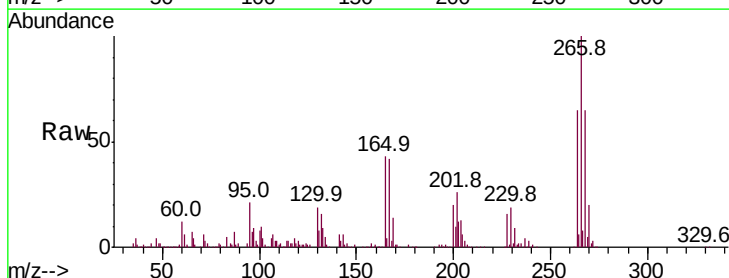


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

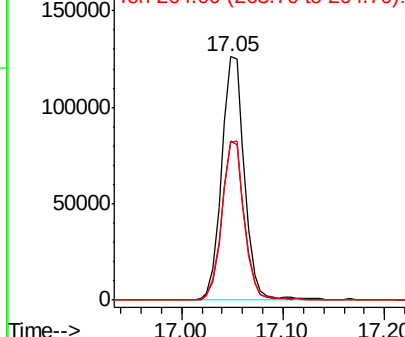
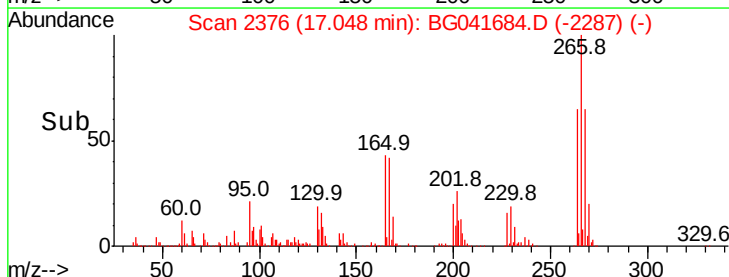


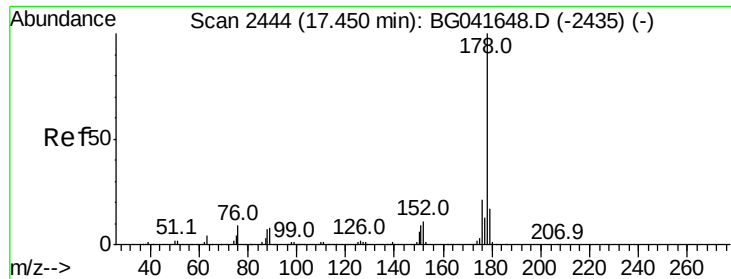
#70  
 Pentachlorophenol  
 Concen: 42.988 ng  
 RT: 17.05 min Scan# 2376  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.5  | 52.9  | 79.3  |
| 264     | 64.6  | 51.4  | 77.2  |



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: 41.425 ng

RT: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

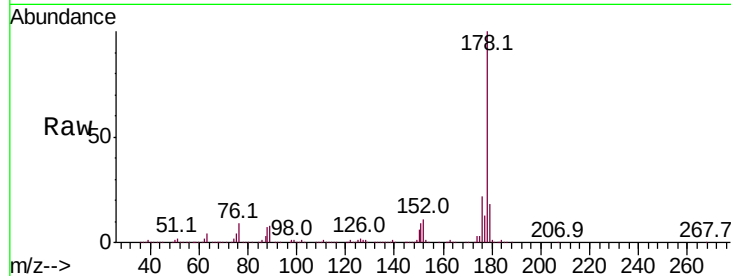
Tot Ion:178 Resp: 1276951

Ion Ratio Lower Upper

178 100

176 21.9 18.6 28.0

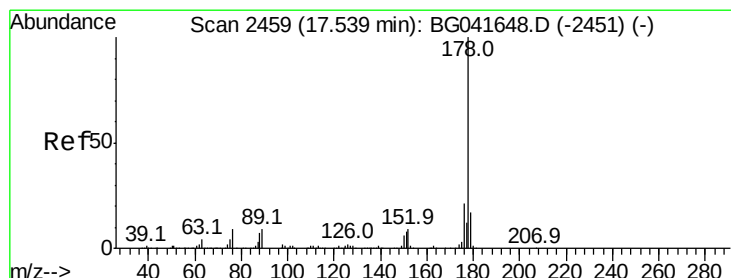
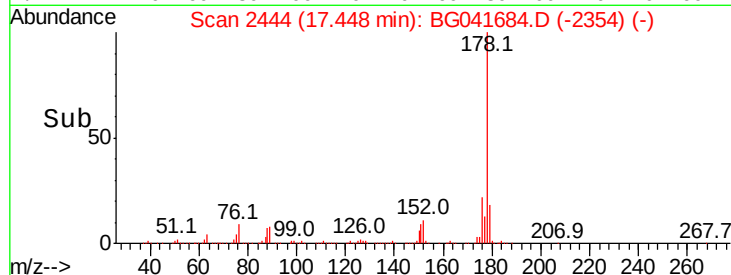
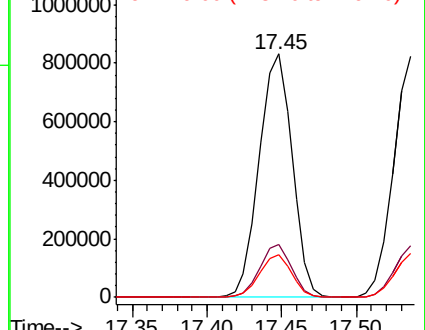
179 17.5 15.4 23.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.501 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

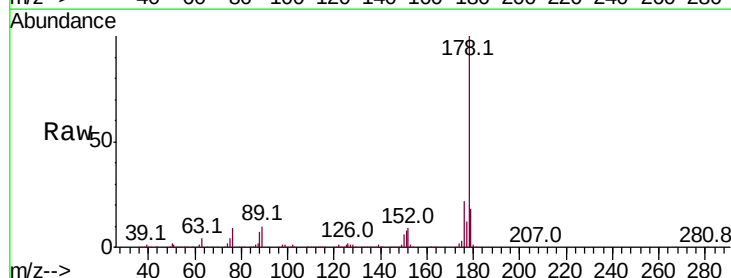
Tgt Ion:178 Resp: 1275206

Ion Ratio Lower Upper

178 100

176 21.5 18.6 28.0

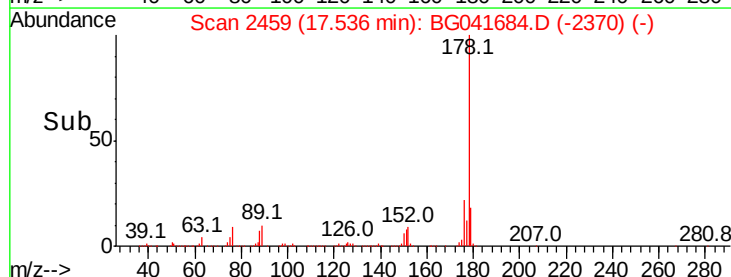
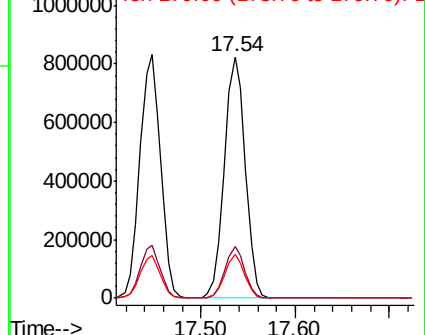
179 18.0 15.1 22.7



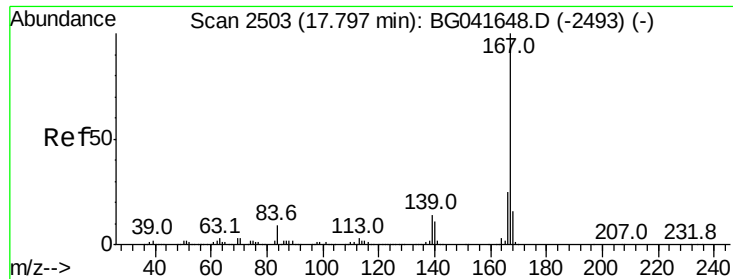
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E







#73

Carbazole

Concen: 40.775 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

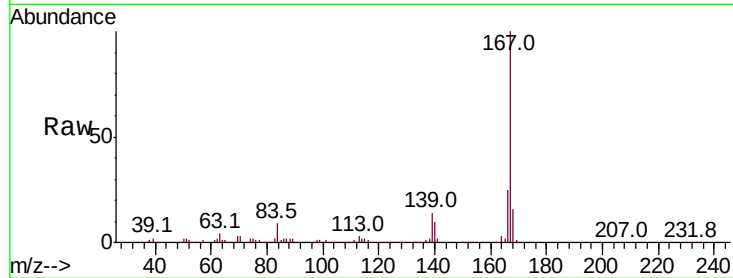
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:167 Resp: 1161976

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 24.8  | 21.4  | 32.2  |
| 139 | 14.2  | 12.1  | 18.1  |

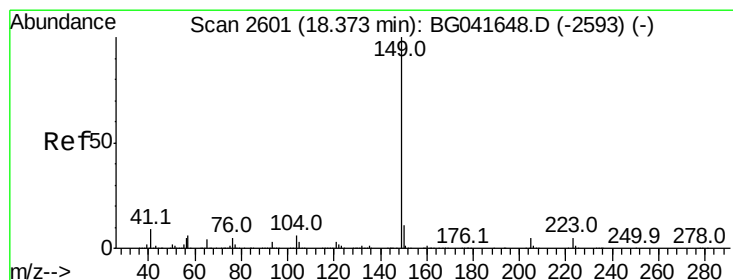
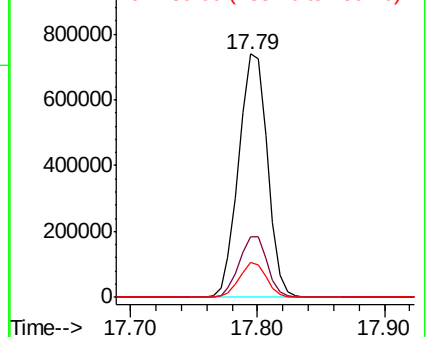
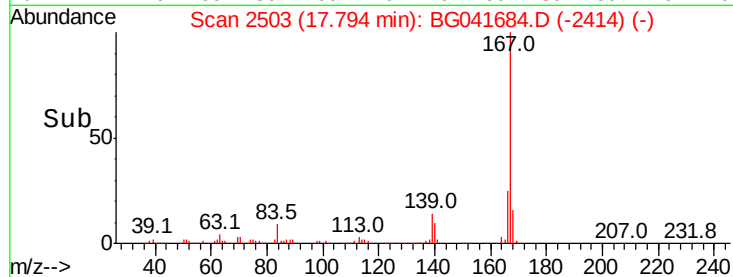


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.958 ng

RT: 18.37 min Scan# 2601

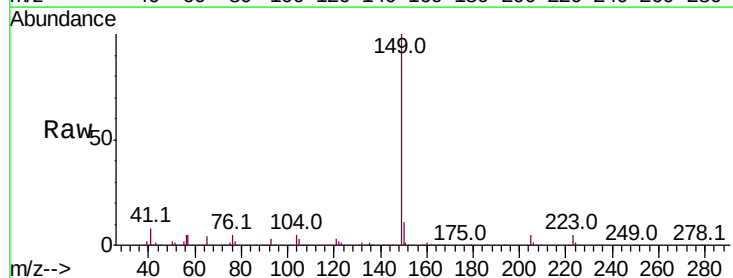
Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Tgt Ion:149 Resp: 1388830

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 10.9  | 10.2  | 15.2  |
| 104 | 5.4   | 5.3   | 7.9   |

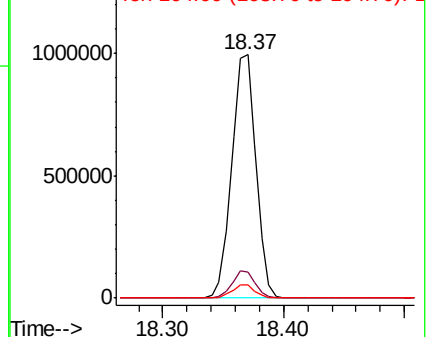
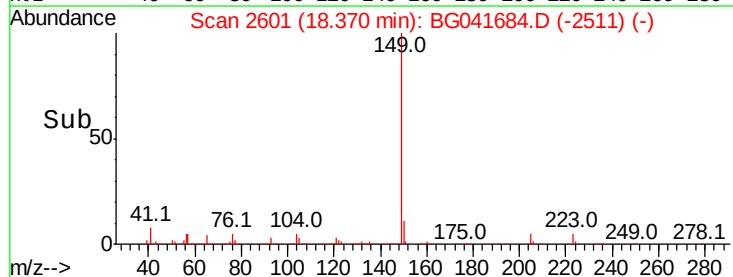


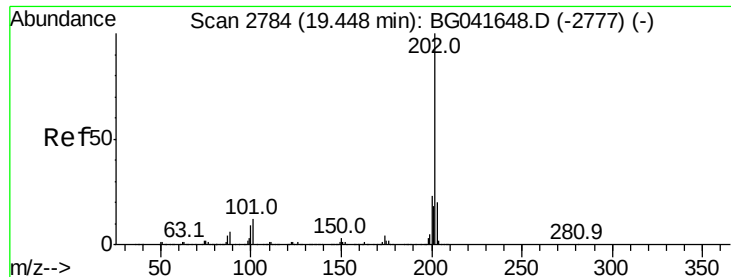
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.254 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

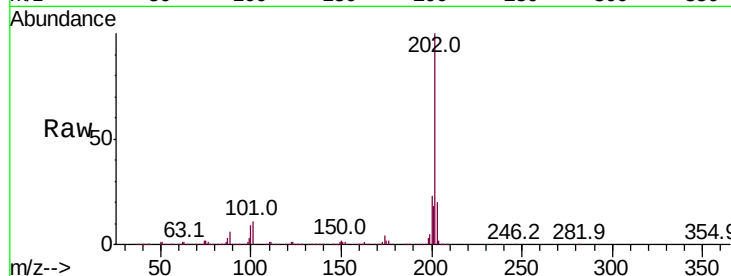
Tot Ion:202 Resp: 1523664

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.8

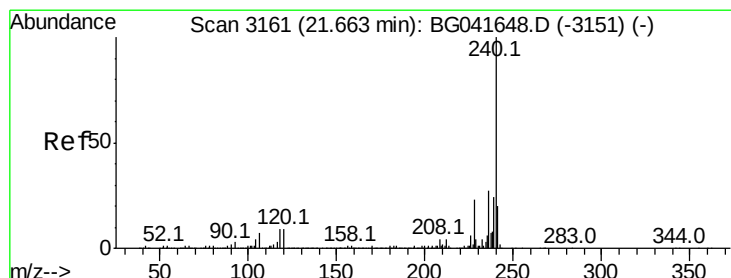
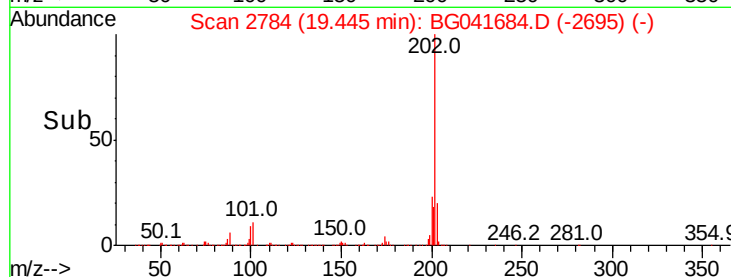
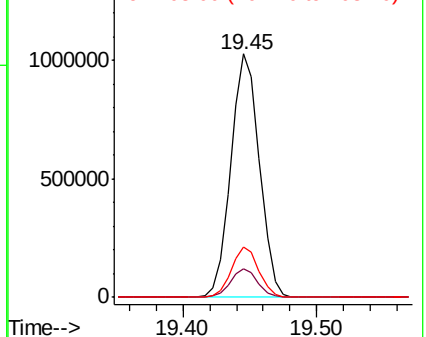
203 20.5 3.7 43.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

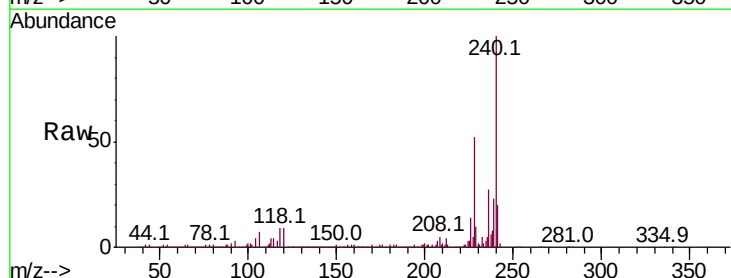
Tgt Ion:240 Resp: 571199

Ion Ratio Lower Upper

240 100

120 9.3 8.0 12.0

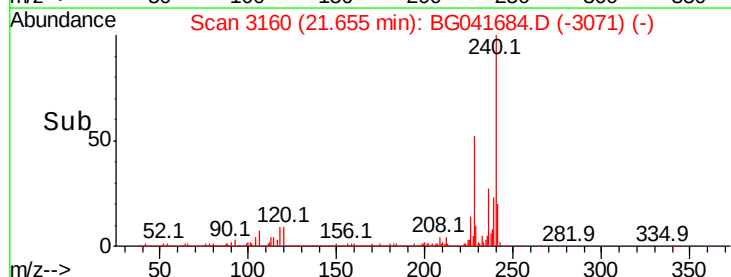
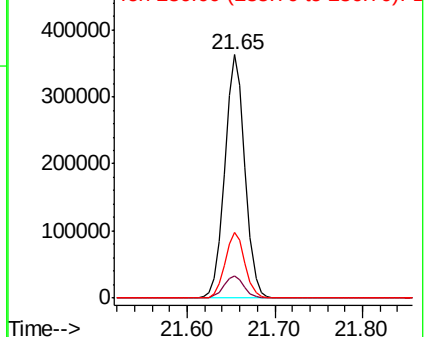
236 26.9 22.6 33.8

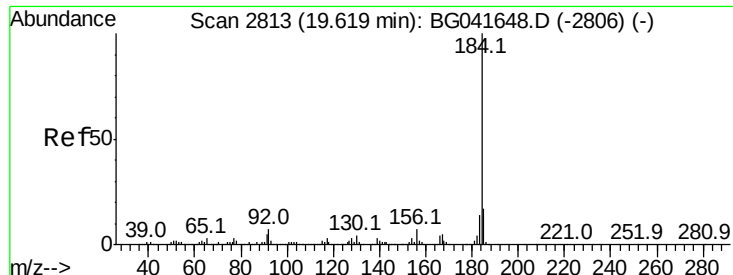


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.743 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

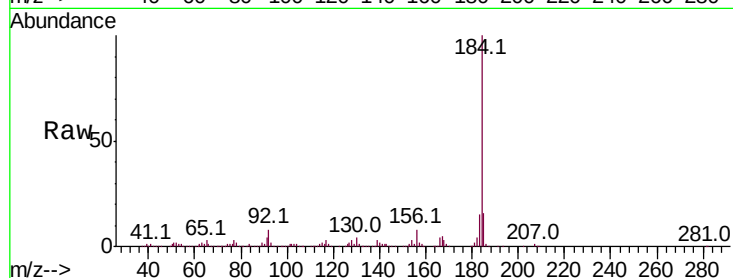
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:184 Resp: 785777

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 16.2  | 13.0  | 19.4  |
| 183 | 14.6  | 11.8  | 17.6  |

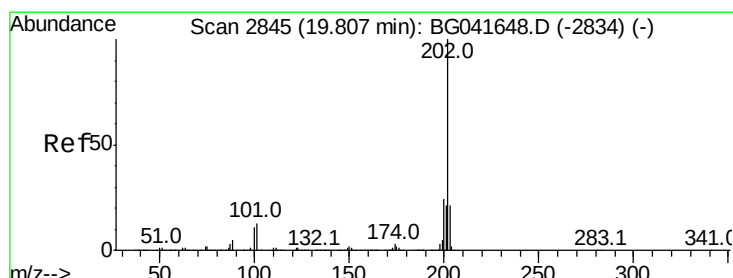
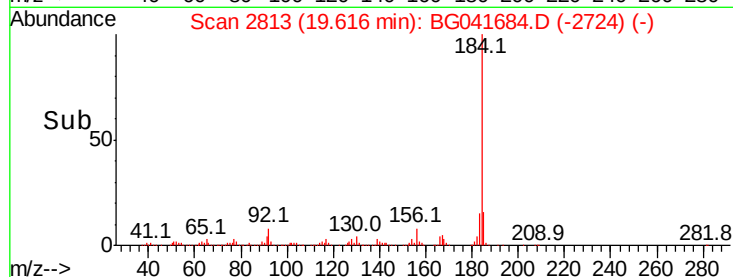
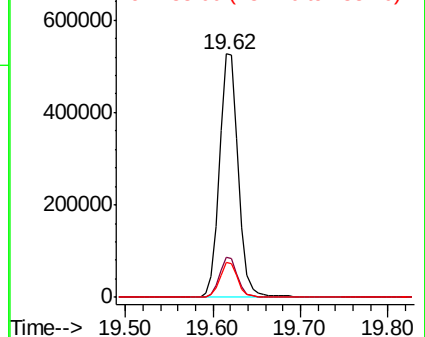


Abundance

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: 39.317 ng

RT: 19.80 min Scan# 2845

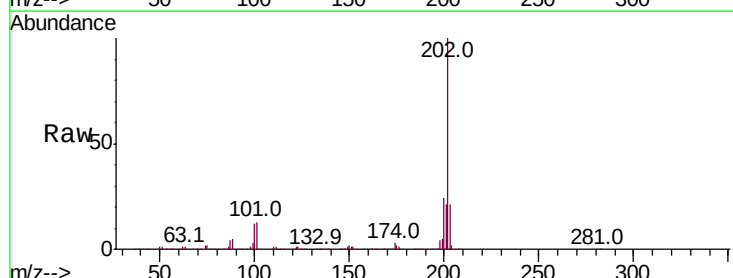
Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Tgt Ion:202 Resp: 1518909

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 24.4  | 22.2  | 33.2  |
| 203 | 20.9  | 18.9  | 28.3  |

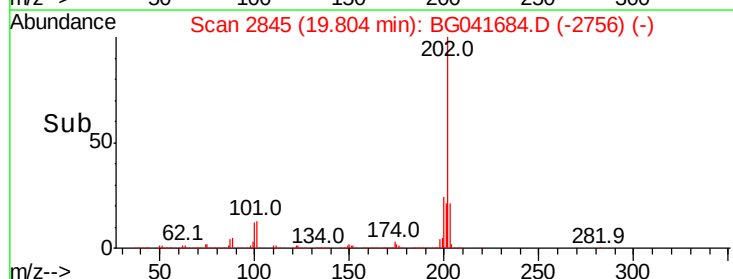
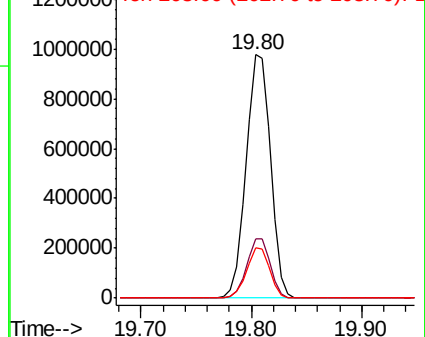


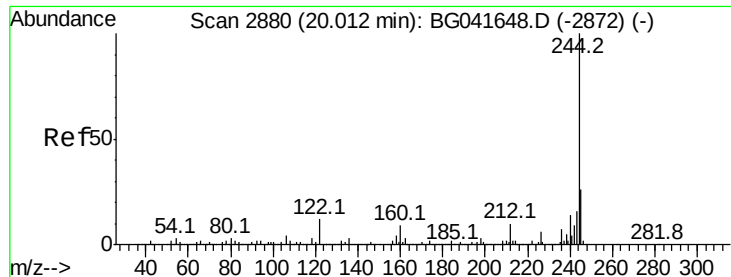
Abundance

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: 82.049 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

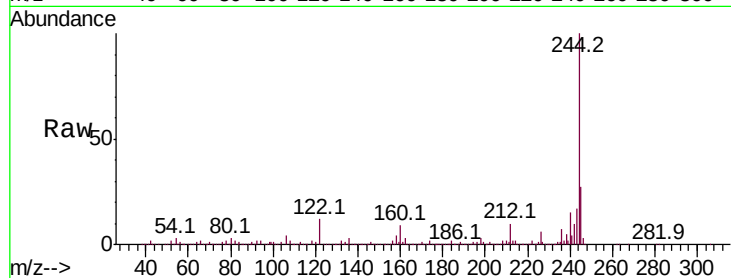
Tot Ion:244 Resp: 2005518

Ion Ratio Lower Upper

244 100

212 9.7 9.7 14.5

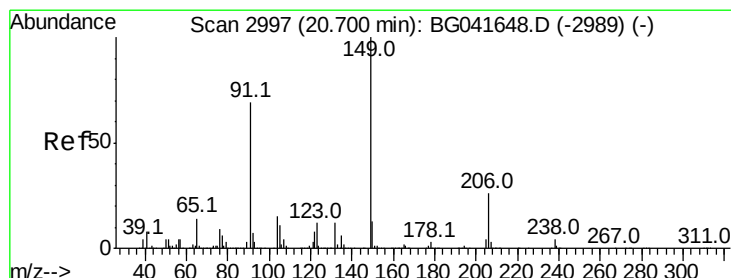
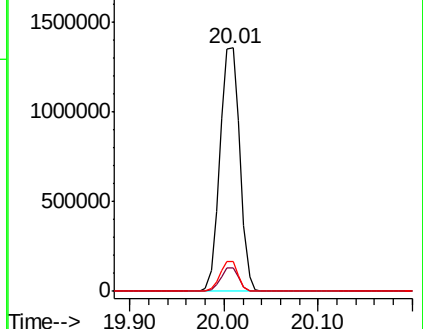
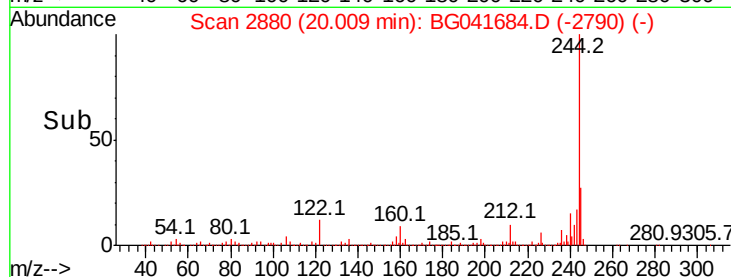
122 12.0 12.5 18.7#



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: 41.585 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.00 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

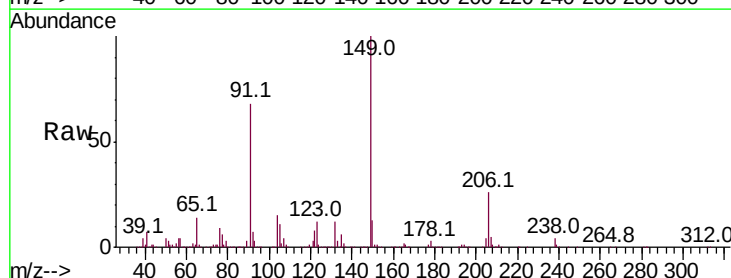
Tgt Ion:149 Resp: 667567

Ion Ratio Lower Upper

149 100

91 68.3 58.9 88.3

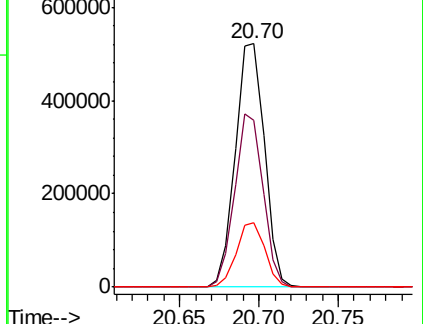
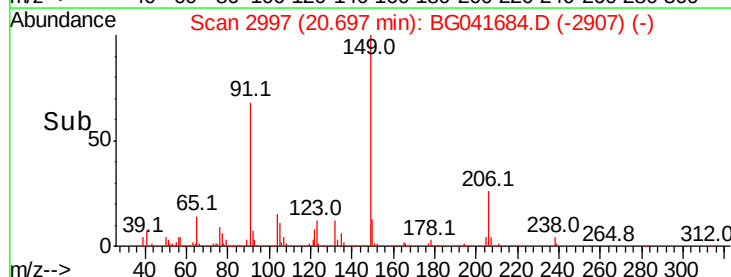
206 26.2 20.8 31.2

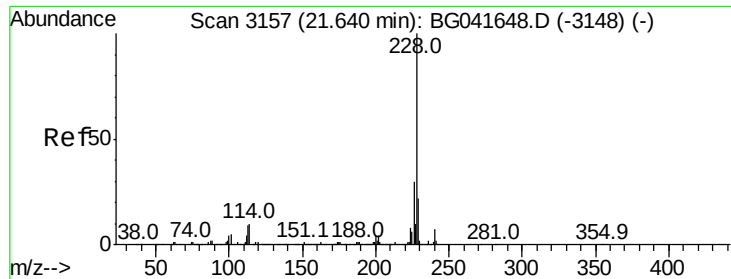


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.480 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

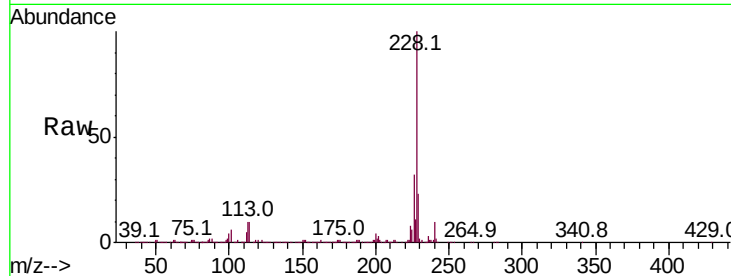
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1530851

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 31.6  | 27.3  | 40.9  |
| 229 | 22.9  | 19.7  | 29.5  |

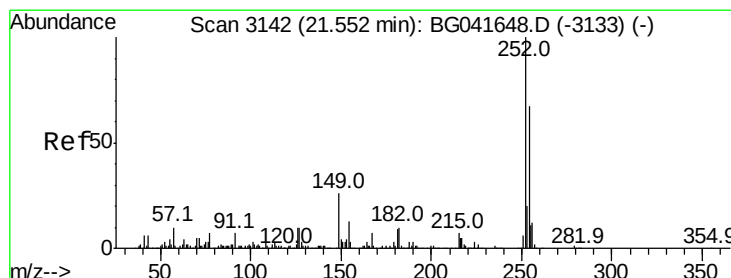
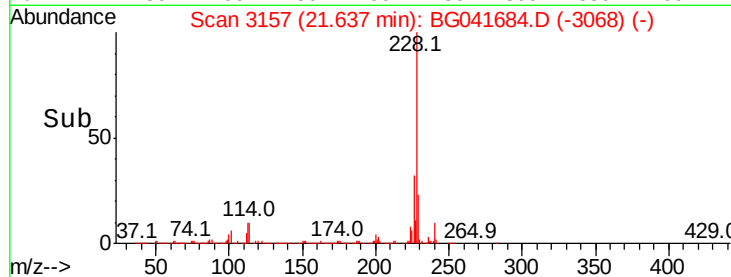
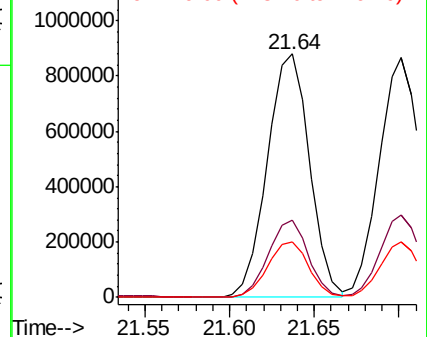


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.816 ng

RT: 21.54 min Scan# 3141

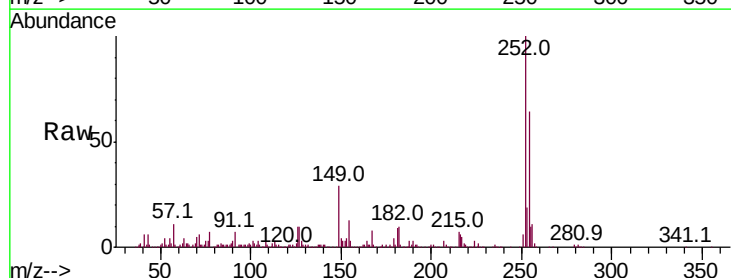
Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Tgt Ion:252 Resp: 607285

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 64.3  | 53.8  | 80.6  |
| 126 | 10.1  | 7.8   | 11.8  |

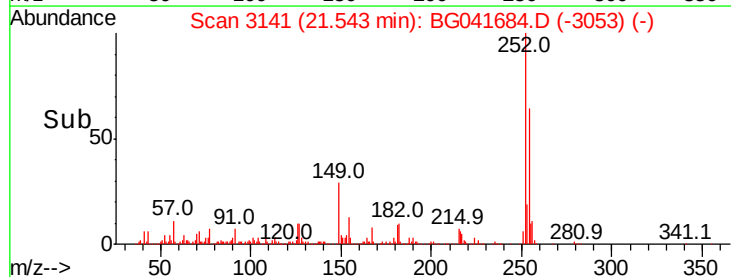
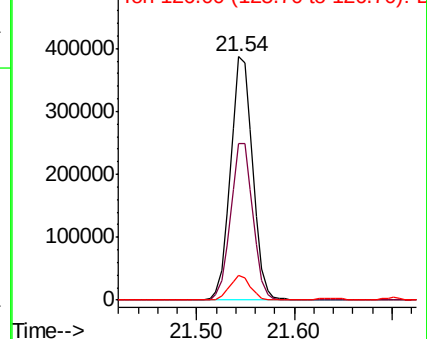


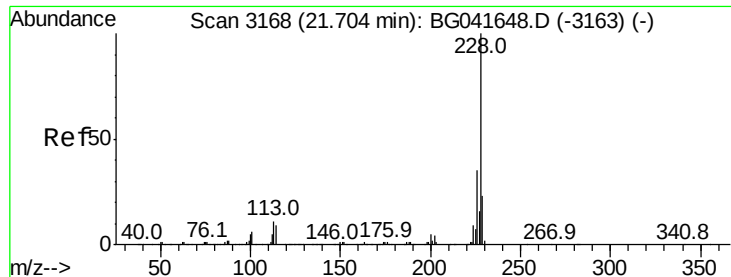
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



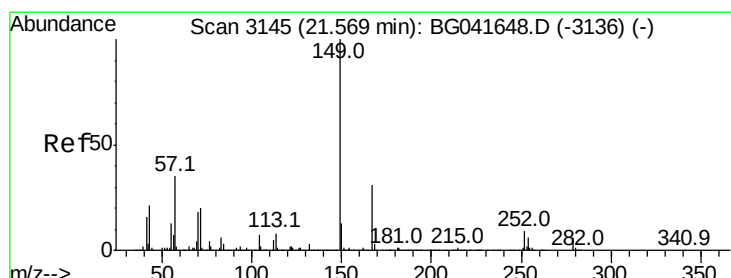
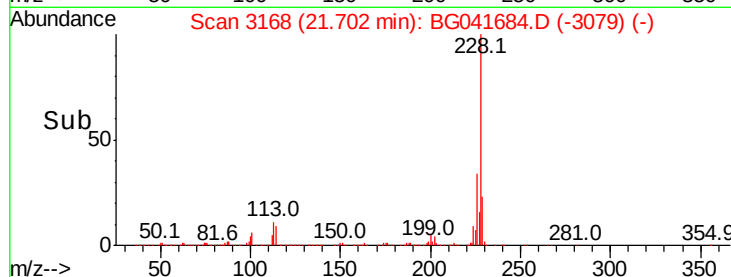
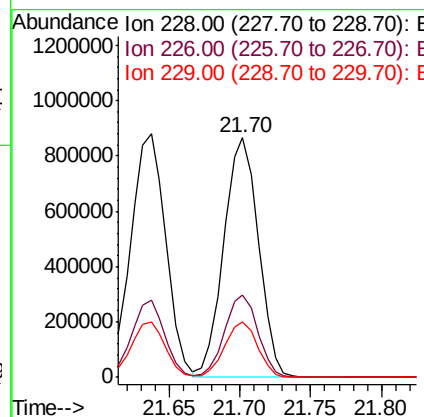
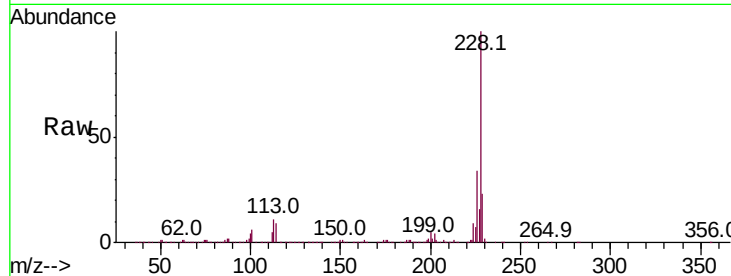


#83  
 Chrysene  
 Concen: 41.810 ng  
 RT: 21.70 min Scan# 3168  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:228 Resp: 1474408  

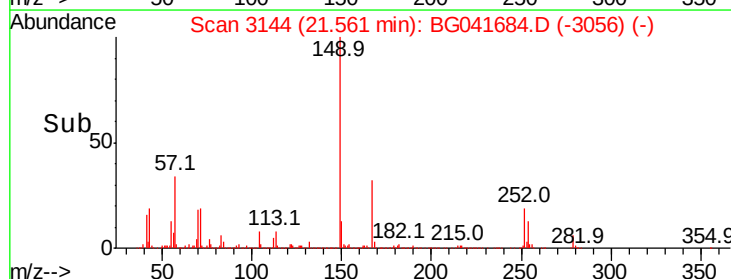
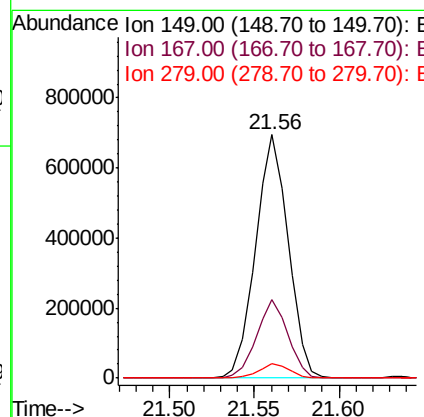
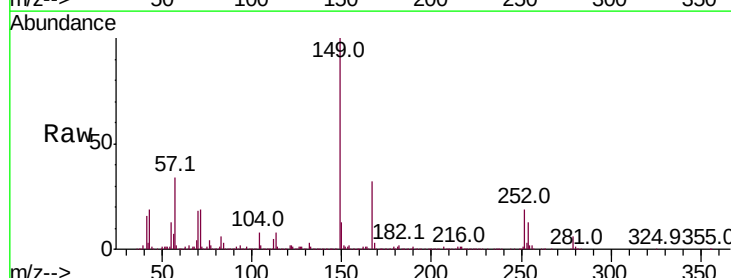
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 34.5  | 30.1  | 45.1  |
| 229 | 23.0  | 19.8  | 29.6  |

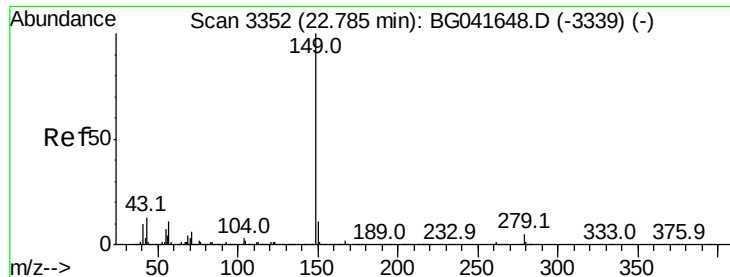


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 41.248 ng  
 RT: 21.56 min Scan# 3144  
 Delta R.T. -0.01 min  
 Lab File: BG041684.D  
 Acq: 17 Jul 2019 11:27

Tgt Ion:149 Resp: 934931  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 32.1  | 27.0  | 40.4  |
| 279 | 5.8   | 5.0   | 7.6   |





#85

Di-n-octyl phthalate

Concen: 41.829 ng

RT: 22.77 min Scan# 3350

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

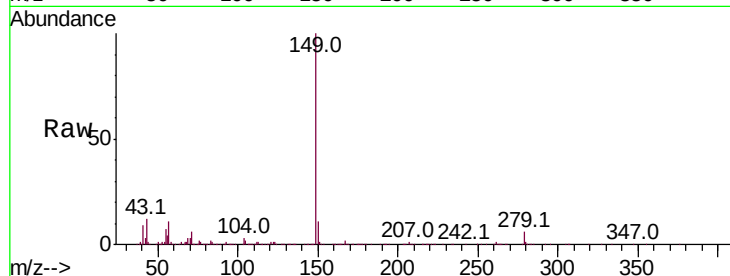
Tot Ion:149 Resp: 1614581

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

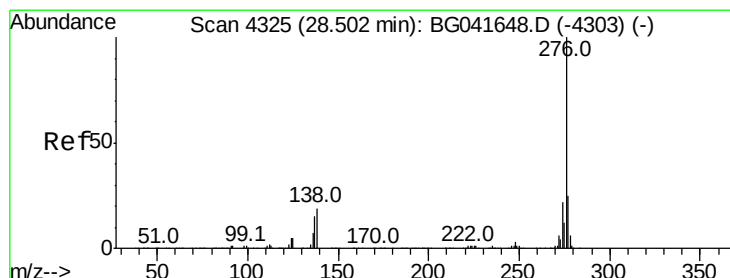
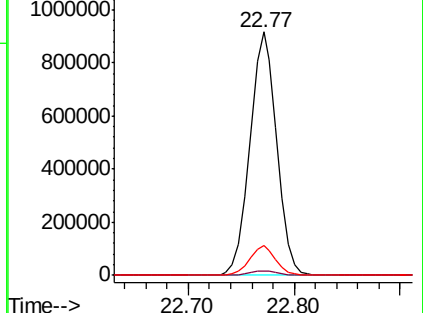
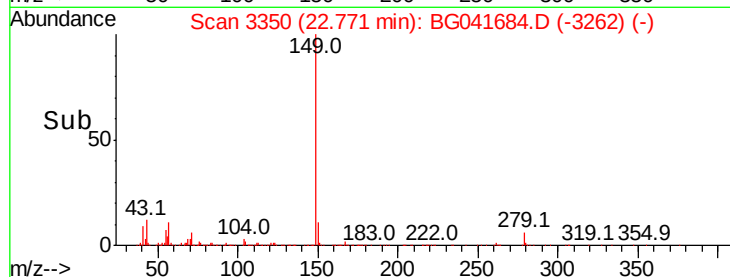
43 11.8 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.074 ng

RT: 28.50 min Scan# 4325

Delta R.T. -0.02 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

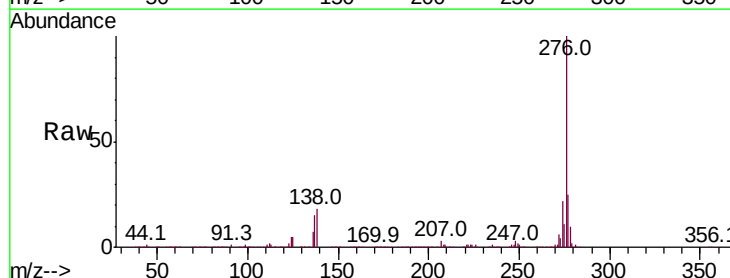
Tgt Ion:276 Resp: 1911204

Ion Ratio Lower Upper

276 100

138 15.8 19.4 29.0#

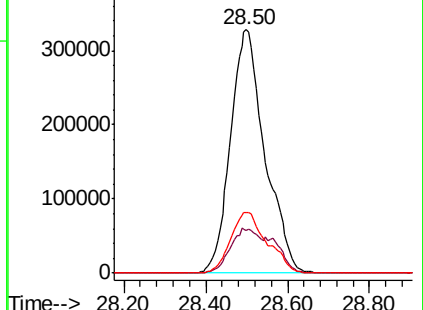
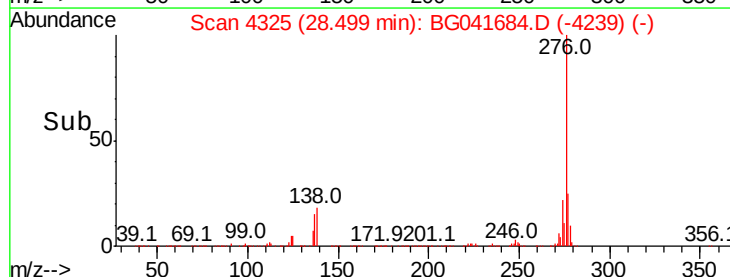
277 26.4 21.2 31.8

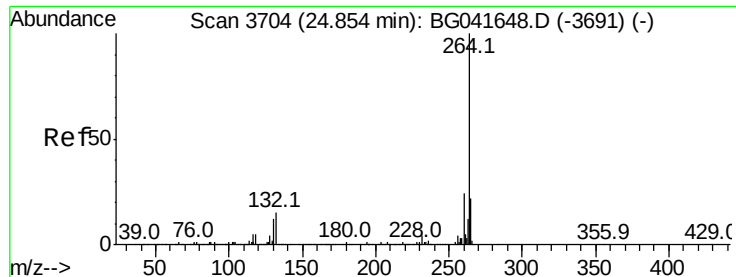


Abundance Ion 276.00 (275.70 to 276.70): E

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: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

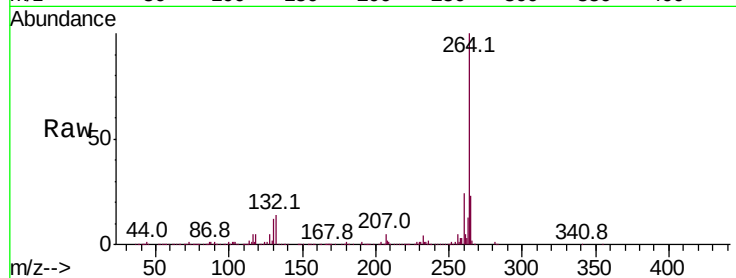
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 672343

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.0  | 19.5  | 29.3  |
| 265 | 22.7  | 18.0  | 27.0  |

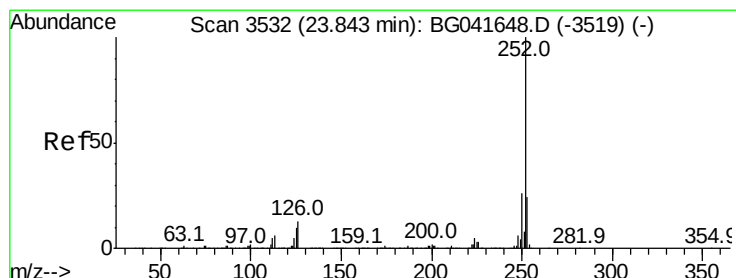
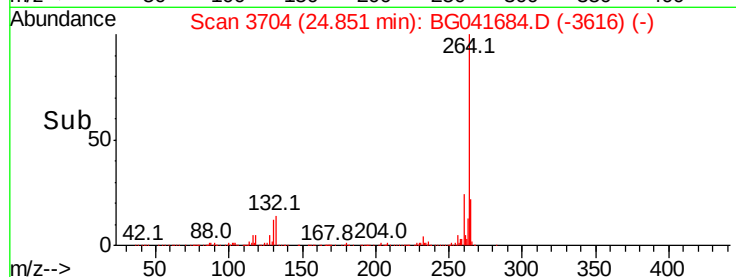
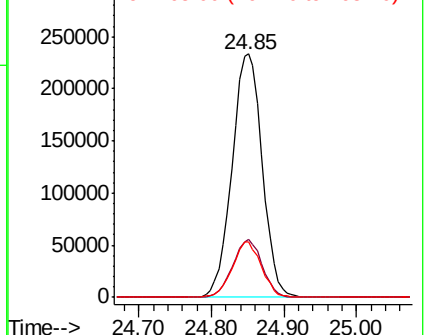


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 40.808 ng

RT: 23.83 min Scan# 3531

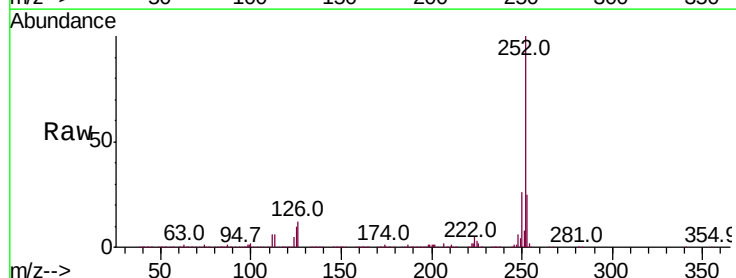
Delta R.T. -0.02 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Tgt Ion:252 Resp: 1664245

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 24.6  | 20.6  | 30.8  |
| 125 | 10.1  | 8.0   | 12.0  |

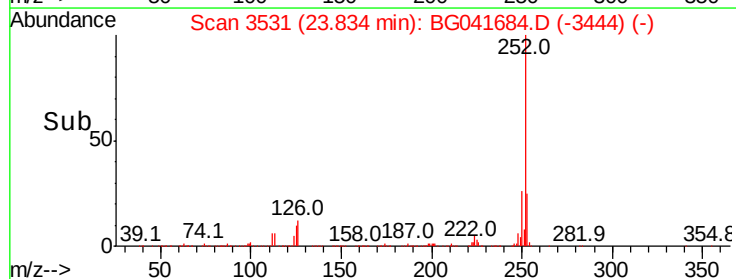
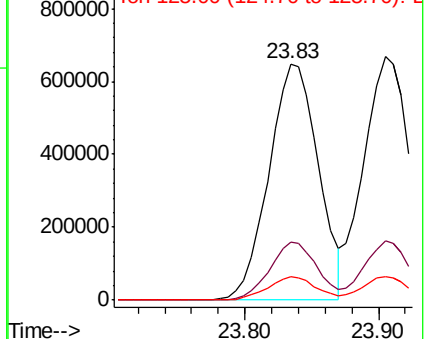


Abundance

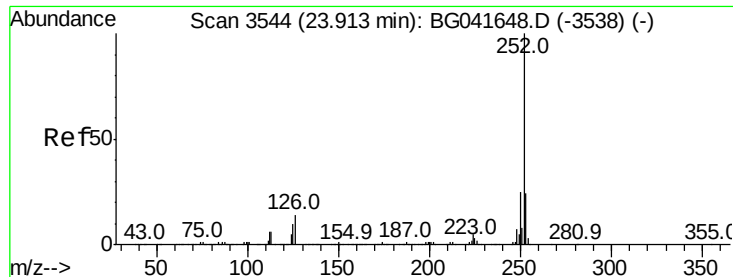
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



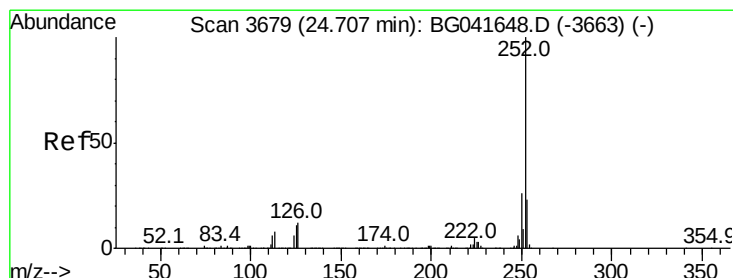
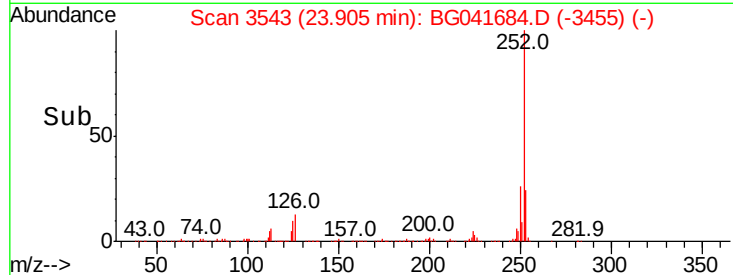
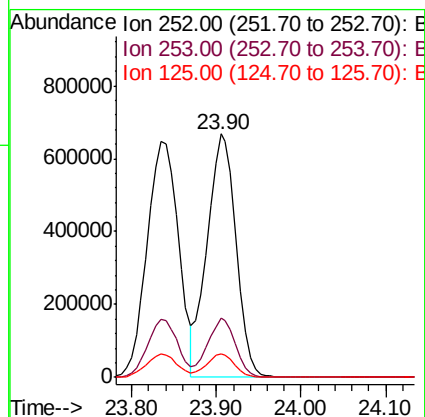
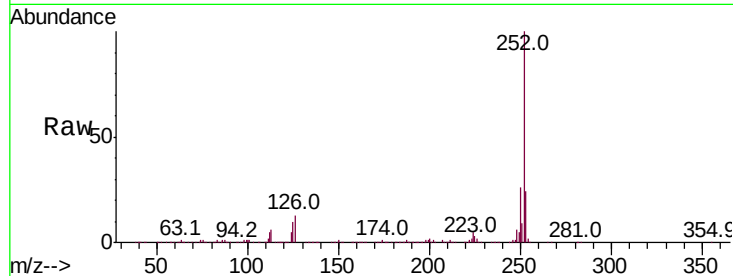




#89  
Benzo(k)fluoranthene  
Concen: 42.105 ng  
RT: 23.90 min Scan# 3543  
Delta R.T. -0.01 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

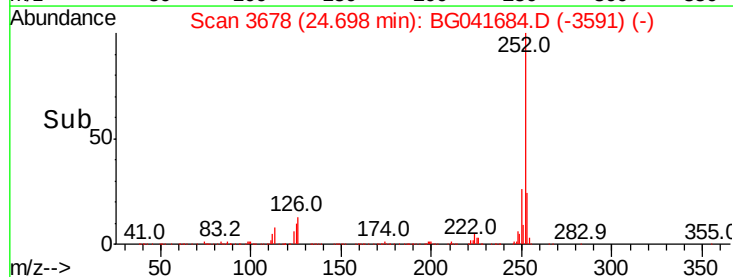
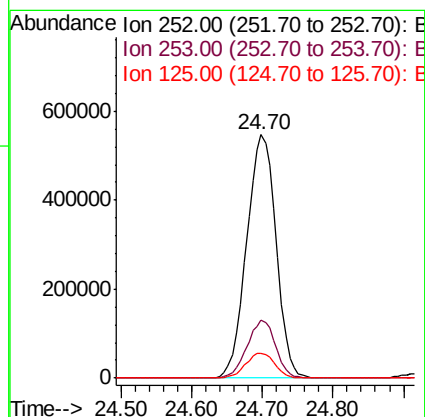
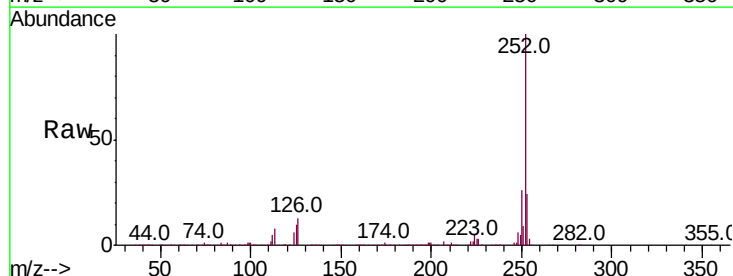
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

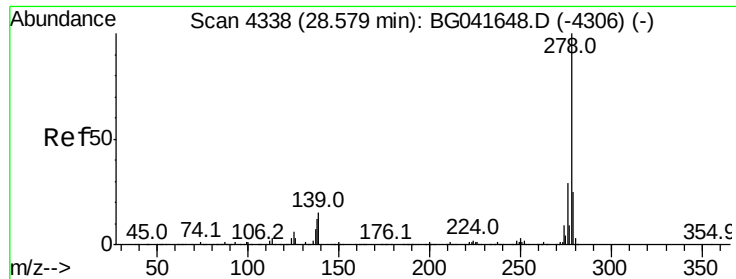
Tot Ion:252 Resp: 1591118  
Ion Ratio Lower Upper  
252 100  
253 24.3 20.5 30.7  
125 9.8 8.4 12.6



#90  
Benzo(a)pyrene  
Concen: 41.200 ng  
RT: 24.70 min Scan# 3678  
Delta R.T. -0.02 min  
Lab File: BG041684.D  
Acq: 17 Jul 2019 11:27

Tgt Ion:252 Resp: 1589724  
Ion Ratio Lower Upper  
252 100  
253 23.9 19.8 29.8  
125 10.2 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 40.879 ng

RT: 28.57 min Scan# 4337

Delta R.T. -0.02 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

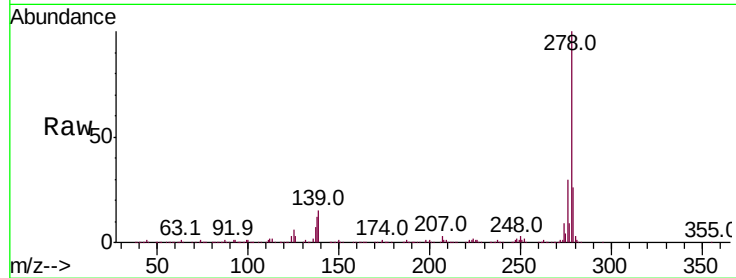
Tot Ion:278 Resp: 1529407

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 15.1  | 12.6  | 19.0  |
| 279 | 25.7  | 20.5  | 30.7  |

278 100

139 15.1 12.6 19.0

279 25.7 20.5 30.7

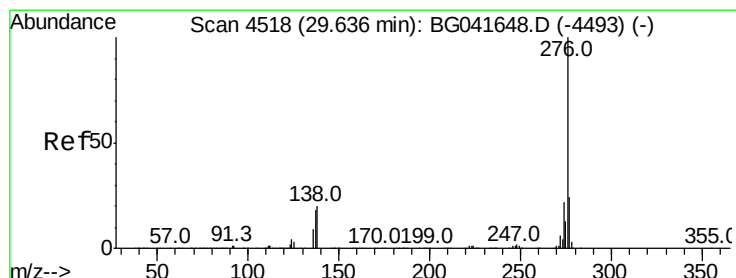
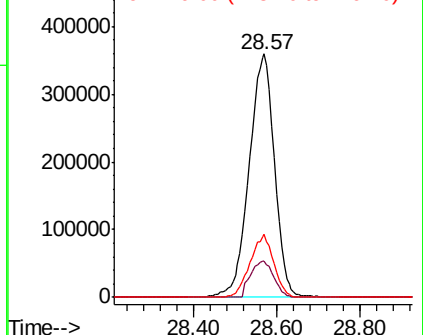
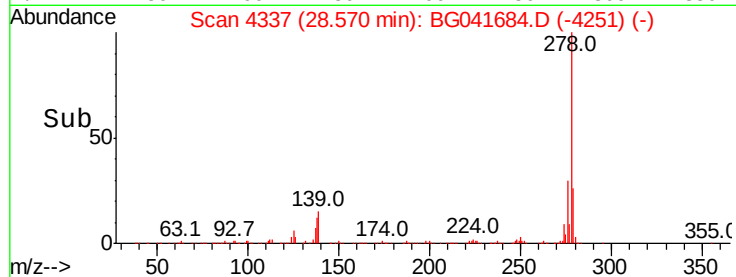


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.983 ng

RT: 29.63 min Scan# 4517

Delta R.T. -0.04 min

Lab File: BG041684.D

Acq: 17 Jul 2019 11:27

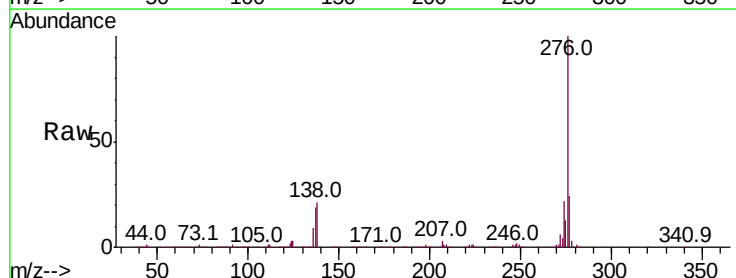
Tgt Ion:276 Resp: 1536545

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 23.5  | 19.8  | 29.8  |
| 138 | 20.5  | 16.6  | 25.0  |

276 100

277 23.5 19.8 29.8

138 20.5 16.6 25.0



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

