

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG032019\  
 Data File : BG040036.D  
 Acq On : 20 Mar 2019 15:03  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Mar 21 09:27:06 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG030419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 14:38:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.14  | 152  | 38785    | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 10.97 | 136  | 179928   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.77 | 164  | 119491   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.52 | 188  | 285487   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.80 | 240  | 267775   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 25.15 | 264  | 272197   | 20.00 | ng    | -0.05    |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.68  | 112 | 179010 | 78.74 | ng | -0.02 |
| 7) Phenol-d6             | 7.29  | 99  | 273969 | 80.82 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 9.32  | 82  | 272756 | 81.99 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.26 | 330 | 116323 | 83.52 | ng | -0.02 |
| 45) 2-Fluorobiphenyl     | 13.39 | 172 | 672666 | 80.15 | ng | -0.02 |
| 79) Terphenyl-d14        | 20.11 | 244 | 983823 | 80.90 | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.58  | 88  | 34686  | 33.047 | ng | 92     |
| 3) Pyridine                    | 3.98  | 79  | 103622 | 36.877 | ng | 96     |
| 4) n-Nitrosodimethylamine      | 3.90  | 42  | 50765  | 38.083 | ng | # 89   |
| 6) Aniline                     | 7.47  | 93  | 176017 | 39.633 | ng | 99     |
| 8) 2-Chlorophenol              | 7.70  | 128 | 109156 | 39.576 | ng | 97     |
| 9) Benzaldehyde                | 7.28  | 77  | 74973  | 34.287 | ng | 97     |
| 10) Phenol                     | 7.32  | 94  | 145688 | 39.672 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.56  | 93  | 117513 | 41.043 | ng | 97     |
| 12) 1,3-Dichlorobenzene        | 8.03  | 146 | 124951 | 40.057 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 8.18  | 146 | 125334 | 39.446 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.50  | 146 | 122361 | 39.858 | ng | 98     |
| 15) Benzyl Alcohol             | 8.38  | 79  | 107486 | 39.973 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.66  | 45  | 223338 | 39.002 | ng | 99     |
| 17) 2-Methylphenol             | 8.57  | 107 | 95086  | 40.608 | ng | 96     |
| 18) Hexachloroethane           | 9.23  | 117 | 46119  | 40.453 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.95  | 70  | 95398  | 39.099 | ng | 91     |
| 20) 3+4-Methylphenols          | 8.90  | 107 | 131381 | 40.388 | ng | 97     |
| 22) Acetophenone               | 8.97  | 105 | 191969 | 39.752 | ng | # 92   |
| 24) Nitrobenzene               | 9.36  | 77  | 140008 | 40.116 | ng | 96     |
| 25) Isophorone                 | 9.88  | 82  | 278209 | 39.911 | ng | 97     |
| 26) 2-Nitrophenol              | 10.07 | 139 | 71194  | 42.250 | ng | 96     |
| 27) 2,4-Dimethylphenol         | 10.11 | 122 | 105453 | 40.238 | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.35 | 93  | 168617 | 39.804 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.60 | 162 | 120920 | 40.980 | ng | 92     |
| 30) 1,2,4-Trichlorobenzene     | 10.82 | 180 | 130884 | 39.419 | ng | 100    |
| 31) Naphthalene                | 11.01 | 128 | 373965 | 39.256 | ng | 99     |
| 32) Benzoic acid               | 10.24 | 122 | 56219  | 33.546 | ng | 97     |
| 33) 4-Chloroaniline            | 11.12 | 127 | 163089 | 40.373 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.28 | 225 | 91946  | 40.525 | ng | 95     |
| 35) Caprolactam                | 11.92 | 113 | 44590  | 39.560 | ng | # 87   |
| 36) 4-Chloro-3-methylphenol    | 12.23 | 107 | 133285 | 39.405 | ng | 97     |
| 37) 2-Methylnaphthalene        | 12.61 | 142 | 283443 | 39.797 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.83 | 142 | 275457 | 39.798 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.97 | 216 | 161508 | 39.898 | ng | 98     |

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 Data File : BG040036.D  
 Acq On : 20 Mar 2019 15:03  
 Operator : JU/SJ  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

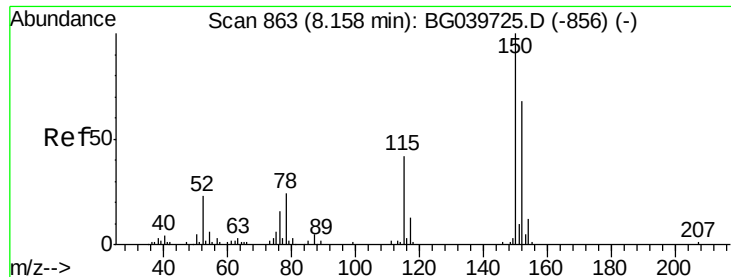
Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTDC0040

Quant Time: Mar 21 09:27:06 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG030419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 14:38:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.93 | 237  | 90705    | 41.812 | ng    | 99       |
| 43) 2,4,6-Trichlorophenol      | 13.20 | 196  | 99437    | 41.957 | ng    | 100      |
| 44) 2,4,5-Trichlorophenol      | 13.28 | 196  | 108543   | 40.632 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.60 | 154  | 393241   | 40.012 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.66 | 162  | 296212   | 40.064 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.86 | 65   | 99349    | 41.813 | ng    | 95       |
| 49) Acenaphthylene             | 14.50 | 152  | 486885   | 40.115 | ng    | 98       |
| 50) Dimethylphthalate          | 14.22 | 163  | 394627   | 39.495 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.35 | 165  | 89615    | 42.307 | ng    | 95       |
| 52) Acenaphthene               | 14.84 | 154  | 290570   | 39.776 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.68 | 138  | 87169    | 40.939 | ng    | # 89     |
| 54) 2,4-Dinitrophenol          | 14.88 | 184  | 50839    | 40.814 | ng    | 97       |
| 55) Dibenzofuran               | 15.17 | 168  | 472891   | 39.456 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.98 | 139  | 70999    | 37.275 | ng    | # 86     |
| 57) 2,4-Dinitrotoluene         | 15.13 | 165  | 127021   | 42.677 | ng    | 86       |
| 58) Fluorene                   | 15.81 | 166  | 376607   | 39.971 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.39 | 232  | 107928   | 41.369 | ng    | 97       |
| 60) Diethylphthalate           | 15.57 | 149  | 394356   | 39.870 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.79 | 204  | 198709   | 39.521 | ng    | 96       |
| 62) 4-Nitroaniline             | 15.85 | 138  | 94128    | 40.777 | ng    | 95       |
| 63) Azobenzene                 | 16.09 | 77   | 360887   | 40.250 | ng    | 96       |
| 65) 4,6-Dinitro-2-methylphenol | 15.89 | 198  | 71400    | 42.299 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 16.02 | 169  | 338235   | 40.924 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.69 | 248  | 130381   | 40.801 | ng    | 94       |
| 68) Hexachlorobenzene          | 16.81 | 284  | 135960   | 41.046 | ng    | 96       |
| 69) Atrazine                   | 16.95 | 200  | 125849   | 38.690 | ng    | 95       |
| 70) Pentachlorophenol          | 17.16 | 266  | 82039    | 39.216 | ng    | 99       |
| 71) Phenanthrene               | 17.56 | 178  | 618625   | 39.340 | ng    | 99       |
| 72) Anthracene                 | 17.65 | 178  | 610390   | 39.833 | ng    | 99       |
| 73) Carbazole                  | 17.92 | 167  | 529601   | 38.336 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.44 | 149  | 646148   | 39.754 | ng    | 100      |
| 75) Fluoranthene               | 19.56 | 202  | 711038   | 38.261 | ng    | 99       |
| 77) Benzidine                  | 19.74 | 184  | 272393   | 32.056 | ng    | 99       |
| 78) Pyrene                     | 19.92 | 202  | 708400   | 40.712 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.78 | 149  | 279925   | 41.524 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.78 | 228  | 658122   | 39.215 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.69 | 252  | 233913   | 38.177 | ng    | 99       |
| 83) Chrysene                   | 21.85 | 228  | 630638   | 38.761 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.64 | 149  | 398305   | 42.046 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.89 | 149  | 662295   | 42.224 | ng    | 95       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.02 | 276  | 736744   | 39.916 | ng    | # 96     |
| 88) Benzo(b)fluoranthene       | 24.08 | 252  | 646515   | 39.831 | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 24.15 | 252  | 589428   | 39.011 | ng    | 97       |
| 90) Benzo(a)pyrene             | 25.00 | 252  | 605101   | 40.343 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 29.09 | 278  | 580130   | 39.453 | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 30.24 | 276  | 594252   | 40.239 | ng    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.14 min Scan# 860

Delta R.T. -0.03 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

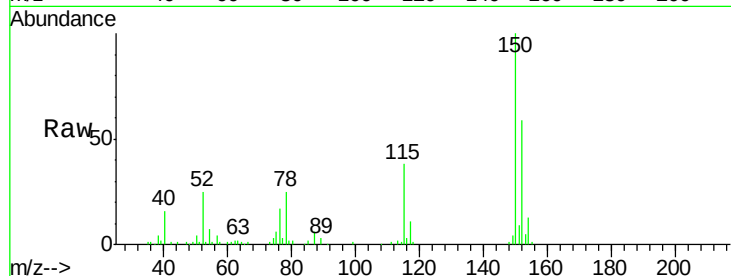
Tgt Ion:152 Resp: 38785

Ion Ratio Lower Upper

152 100

150 168.3 123.7 185.5

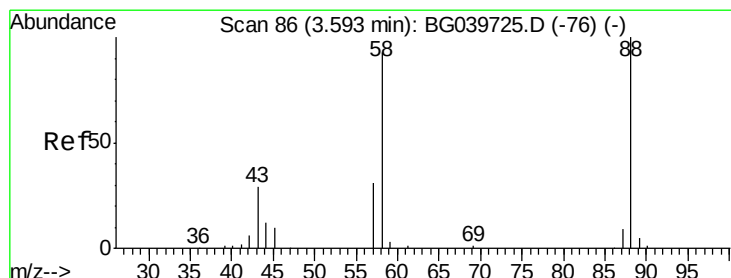
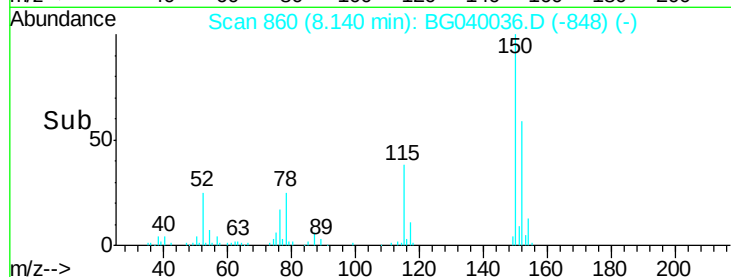
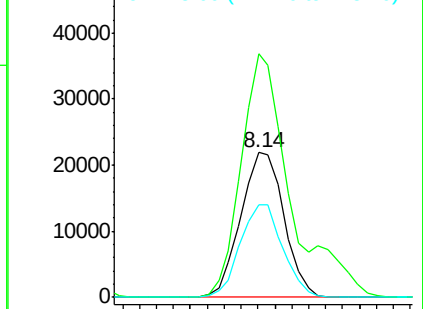
115 64.1 45.9 68.9



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.047 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.03 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

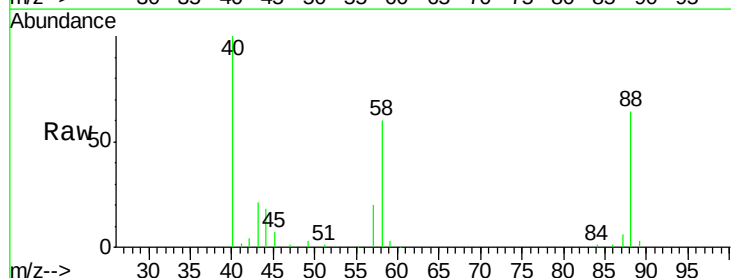
Tgt Ion: 88 Resp: 34686

Ion Ratio Lower Upper

88 100

58 93.5 81.1 121.7

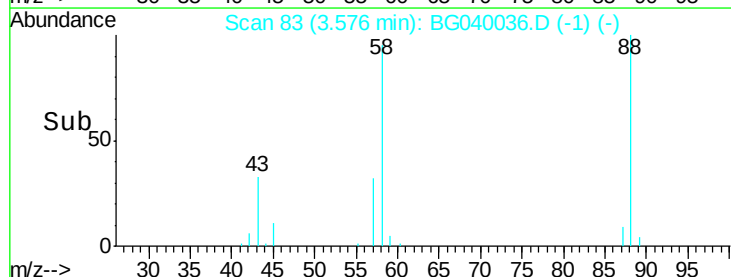
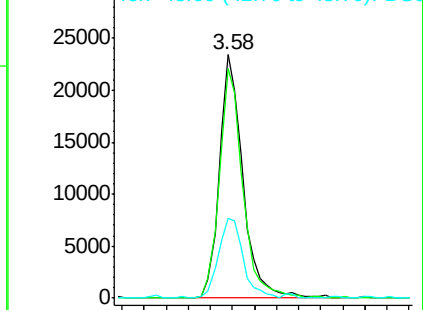
43 34.3 31.4 47.0

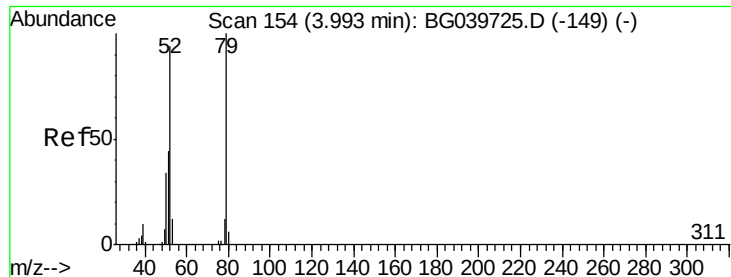


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 36.877 ng

RT: 3.98 min Scan# 152

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

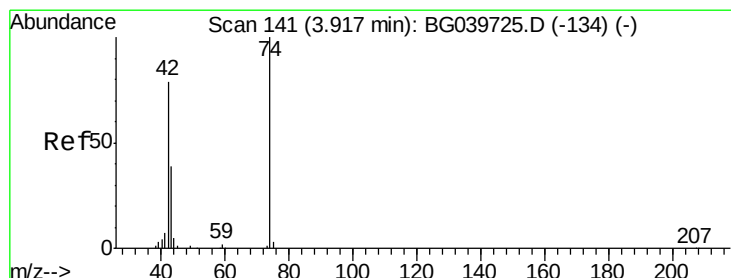
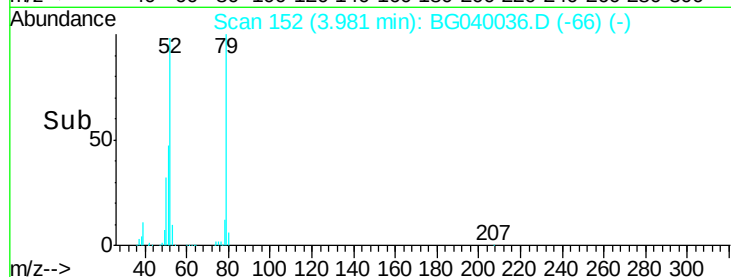
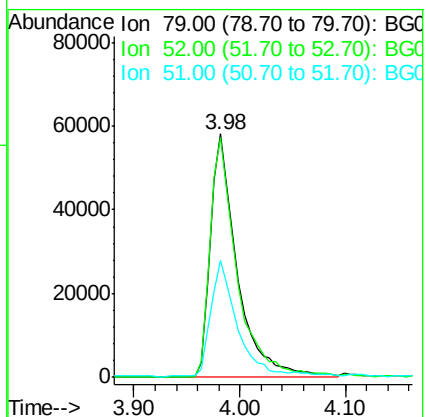
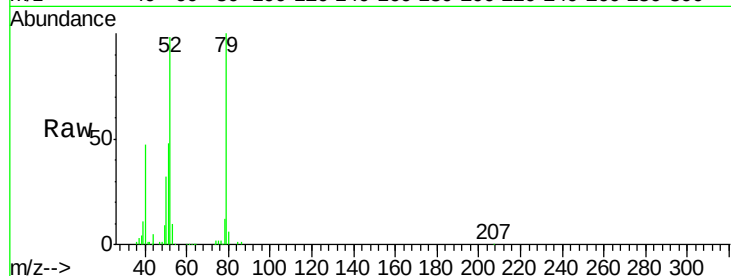
Tgt Ion: 79 Resp: 103622

Ion Ratio Lower Upper

79 100

52 98.4 82.6 124.0

51 47.8 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 38.083 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

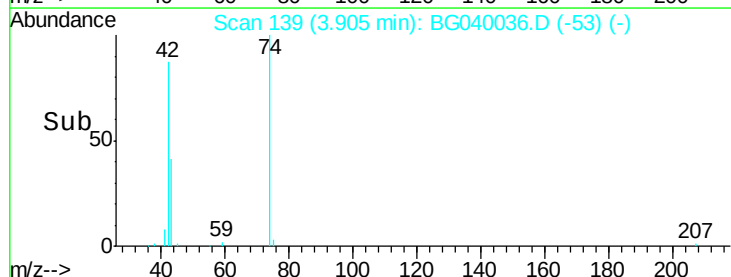
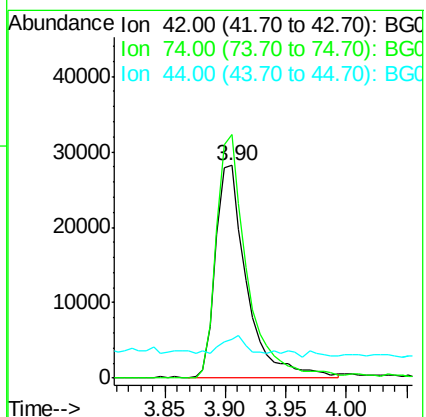
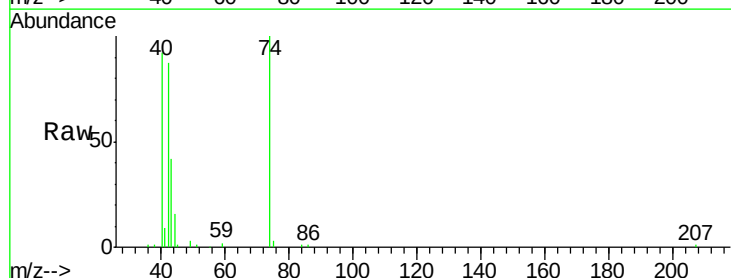
Tgt Ion: 42 Resp: 50765

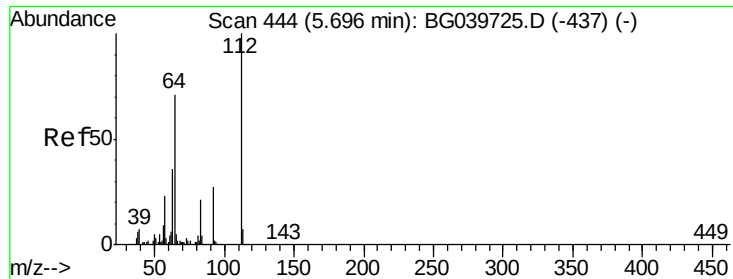
Ion Ratio Lower Upper

42 100

74 114.7 83.6 125.4

44 18.3 6.9 10.3#





#5

2-Fluorophenol

Concen: 78.740 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

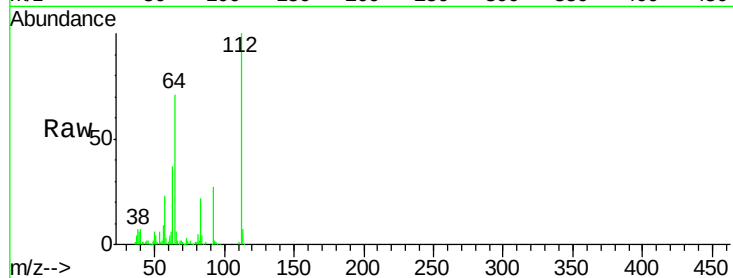
Tgt Ion: 112 Resp: 179010

Ion Ratio Lower Upper

112 100

64 71.1 57.8 86.8

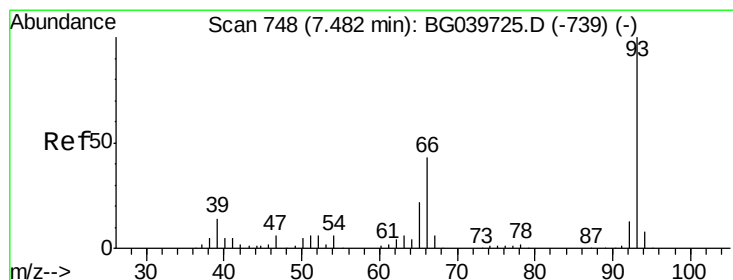
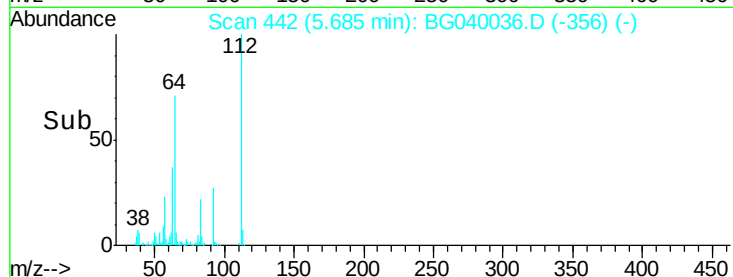
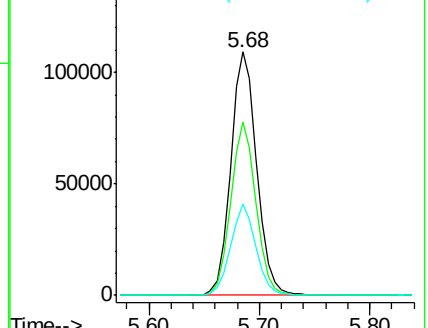
63 37.5 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 39.633 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

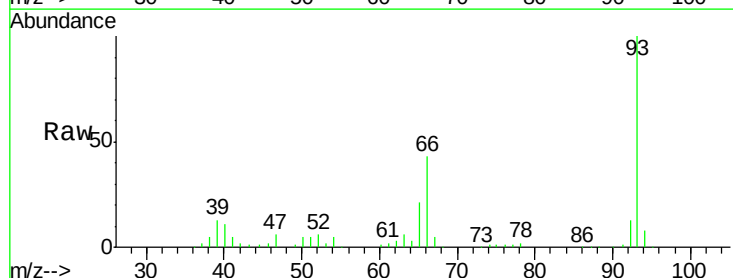
Tgt Ion: 93 Resp: 176017

Ion Ratio Lower Upper

93 100

66 43.1 34.2 51.4

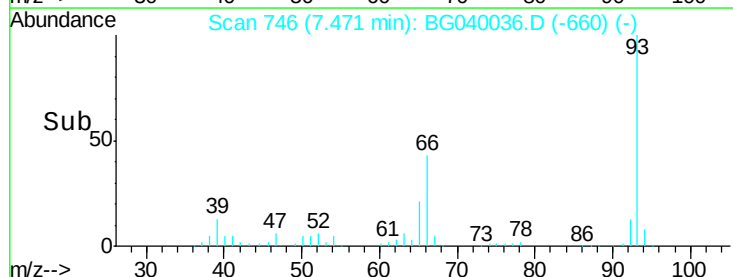
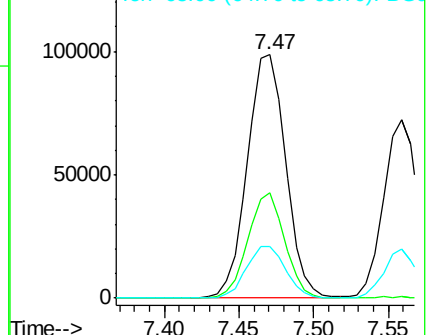
65 21.5 17.7 26.5

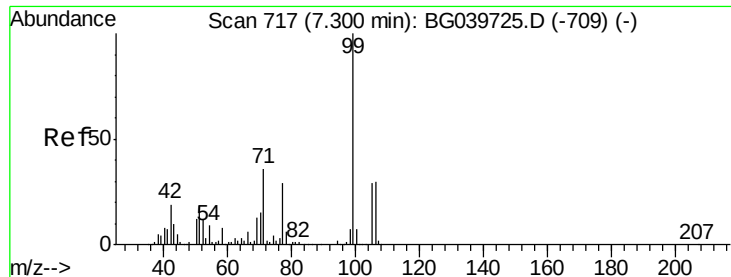


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 80.821 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

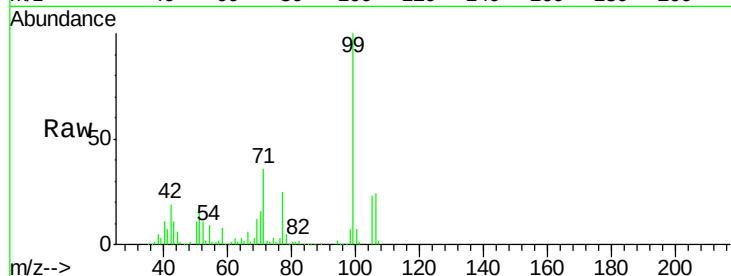
Tgt Ion: 99 Resp: 273969

Ion Ratio Lower Upper

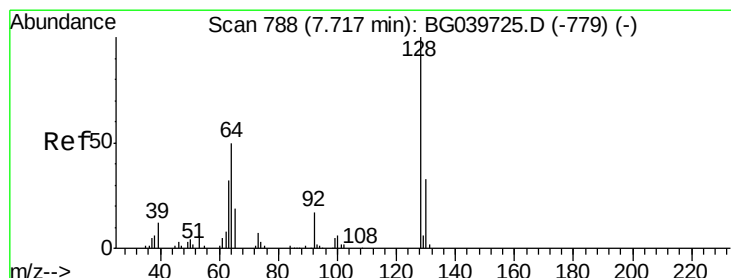
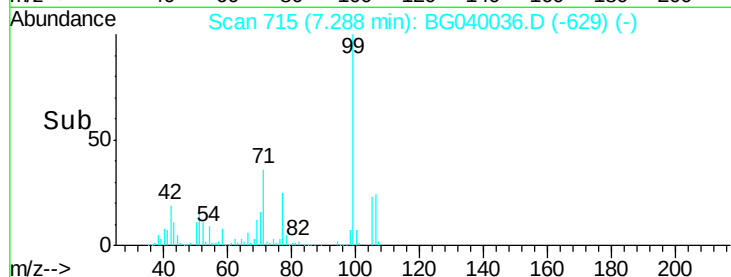
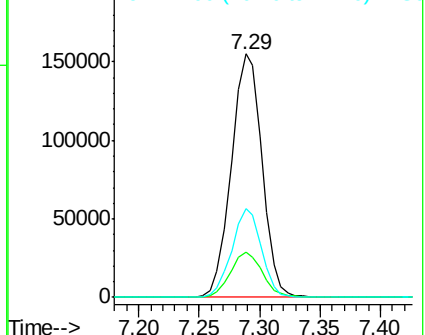
99 100

42 18.8 18.2 27.2

71 36.5 28.0 42.0



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



#8

2-Chlorophenol

Concen: 39.576 ng

RT: 7.70 min Scan# 785

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

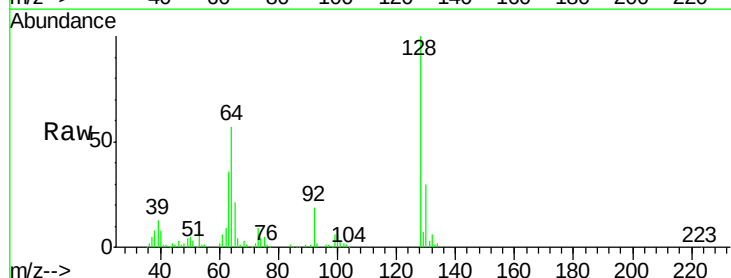
Tgt Ion: 128 Resp: 109156

Ion Ratio Lower Upper

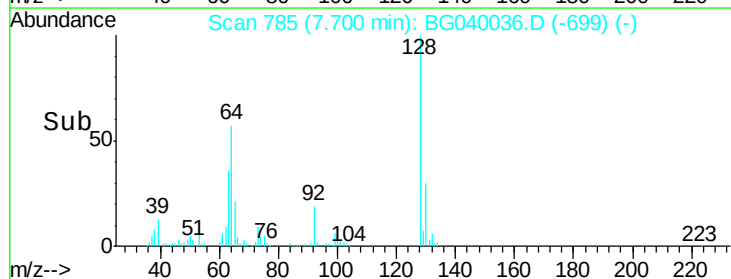
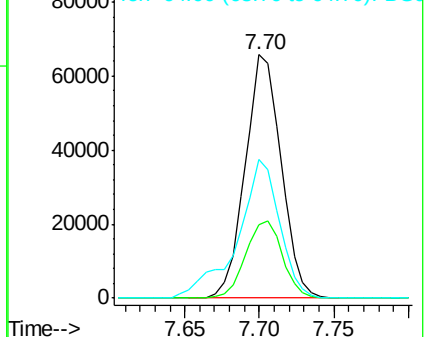
128 100

130 30.3 12.9 52.9

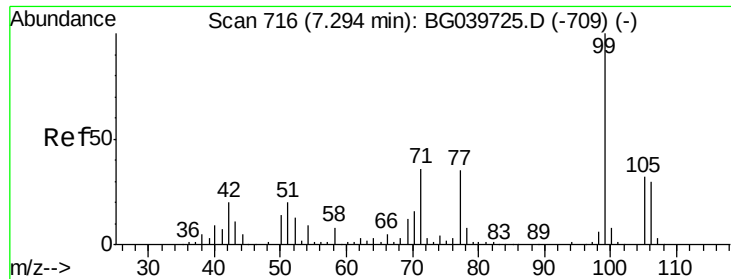
64 56.8 38.7 78.7



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







#9

Benzaldehyde

Concen: 34.287 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

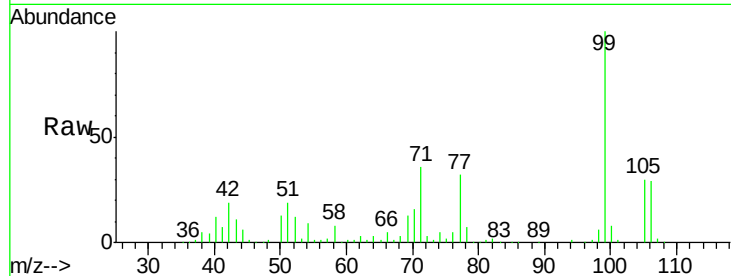
Tgt Ion: 77 Resp: 74973

Ion Ratio Lower Upper

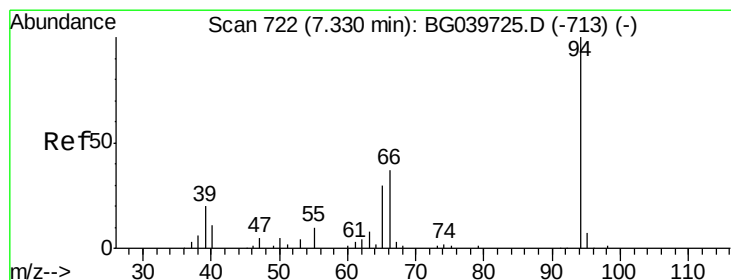
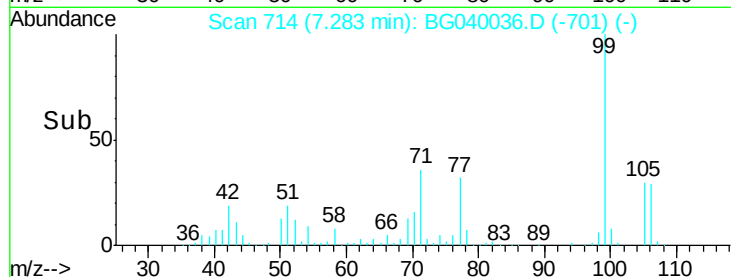
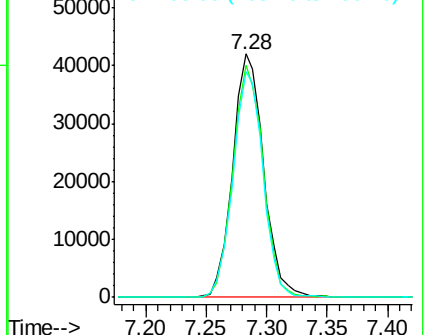
77 100

105 95.6 74.5 114.5

106 92.6 68.0 108.0



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



#10

Phenol

Concen: 39.672 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

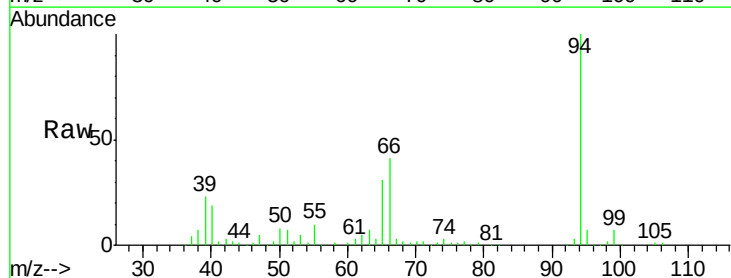
Tgt Ion: 94 Resp: 145688

Ion Ratio Lower Upper

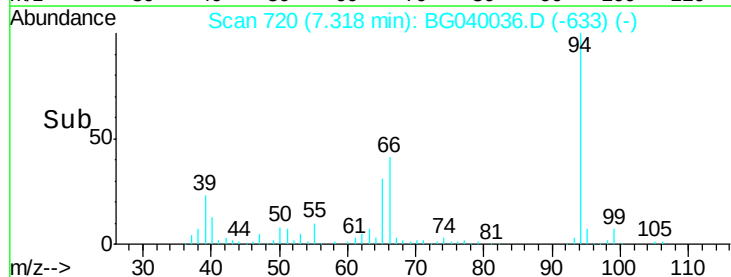
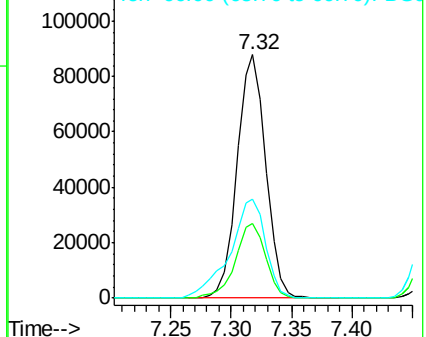
94 100

65 30.8 11.7 51.7

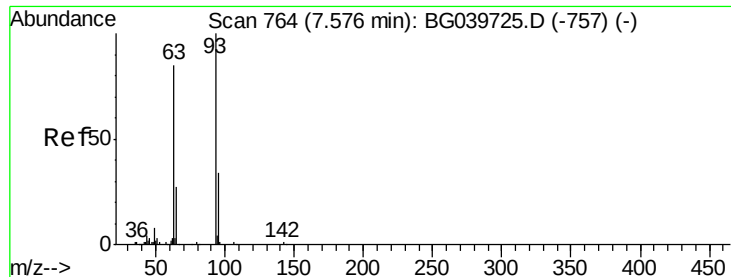
66 40.8 23.7 63.7



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







#11

bis(2-Chloroethyl)ether

Concen: 41.043 ng

RT: 7.56 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

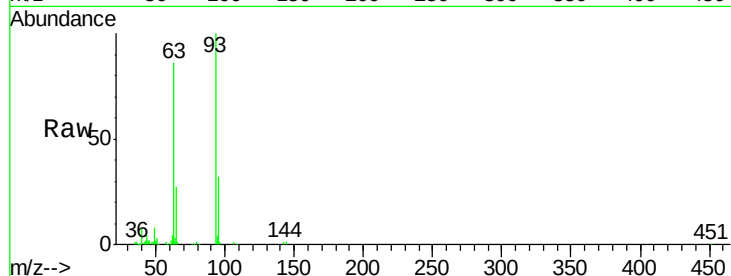
Tgt Ion: 93 Resp: 117513

Ion Ratio Lower Upper

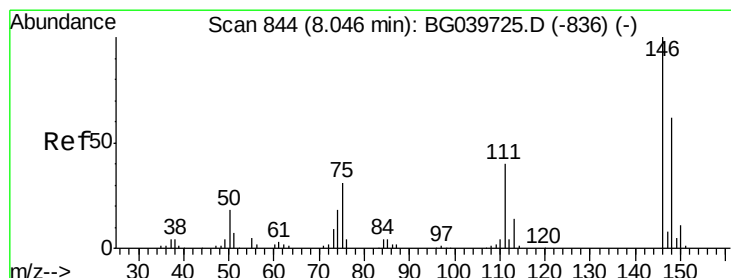
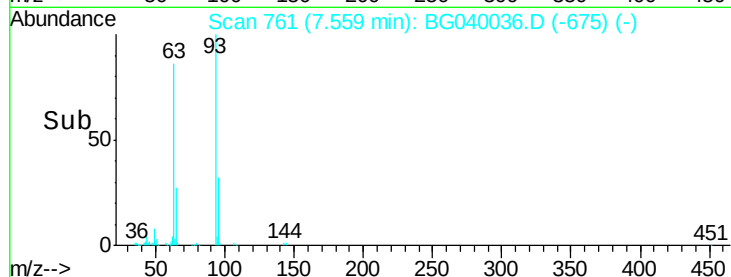
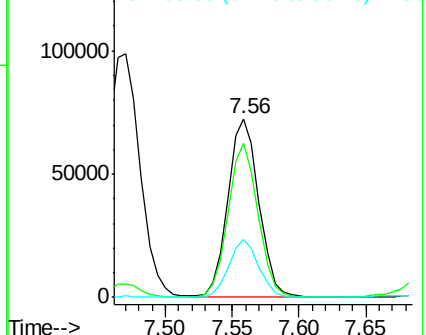
93 100

63 86.0 69.5 109.5

95 32.4 12.7 52.7



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



#12

1,3-Dichlorobenzene

Concen: 40.057 ng

RT: 8.03 min Scan# 841

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

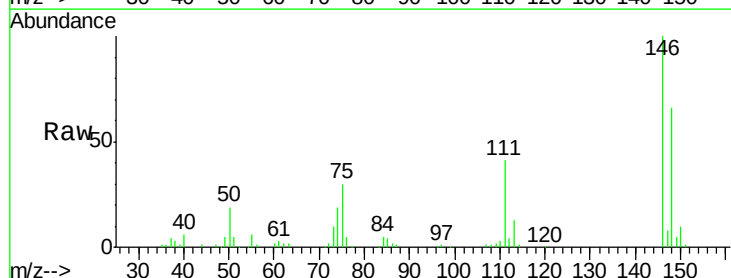
Tgt Ion: 146 Resp: 124951

Ion Ratio Lower Upper

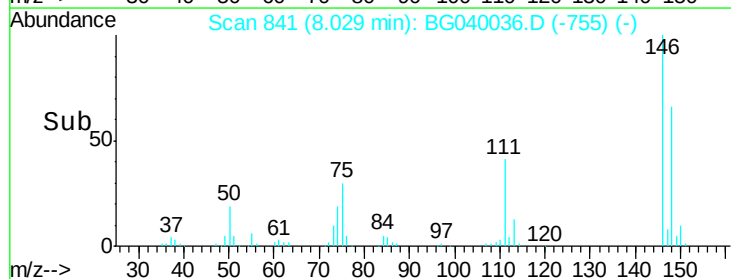
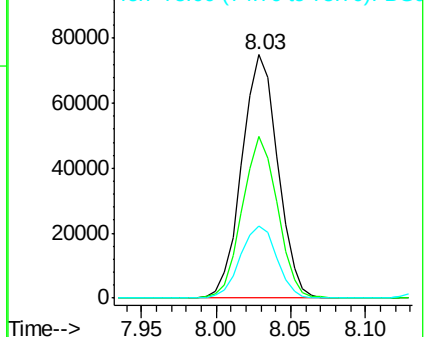
146 100

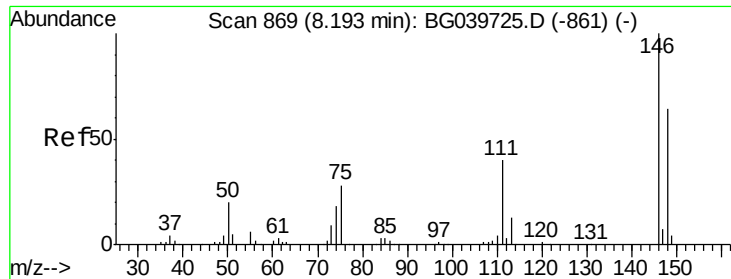
148 66.3 52.6 79.0

75 29.8 25.8 38.6



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

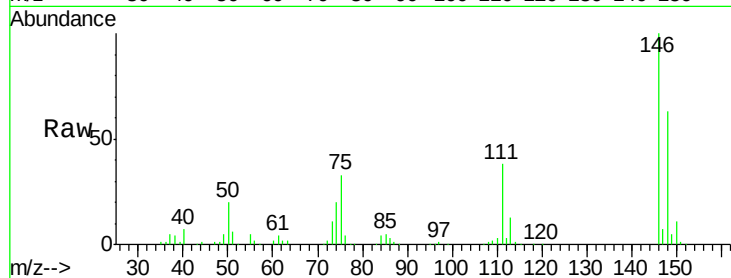




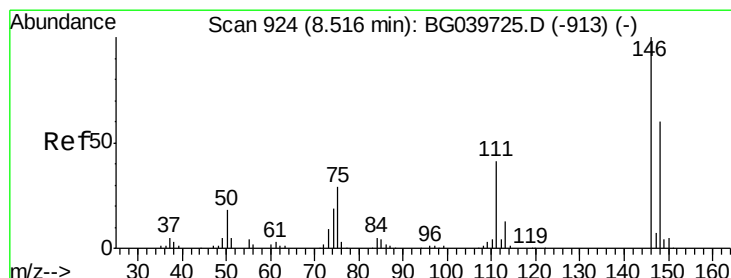
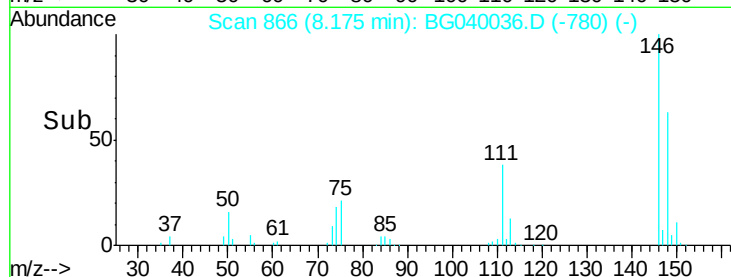
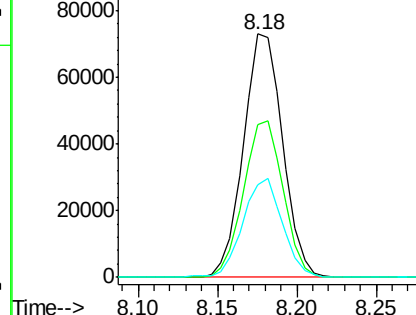
#13  
 1,4-Dichlorobenzene  
 Concen: 39.446 ng  
 RT: 8.18 min Scan# 866  
 Delta R.T. -0.02 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:146 Resp: 125334  
 Ion Ratio Lower Upper  
 146 100  
 148 62.9 51.1 76.7  
 111 38.1 32.6 48.8

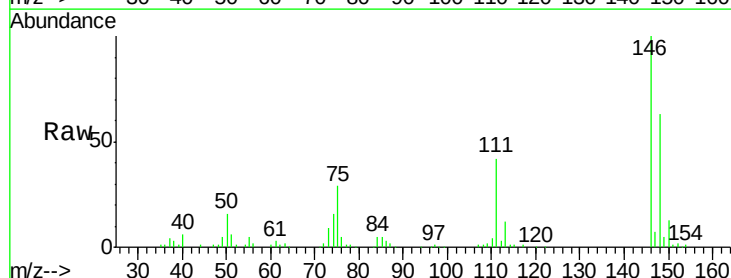


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

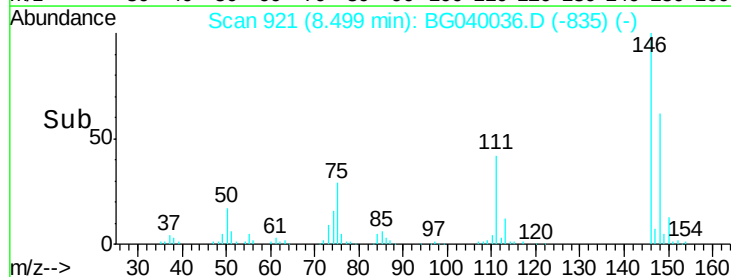
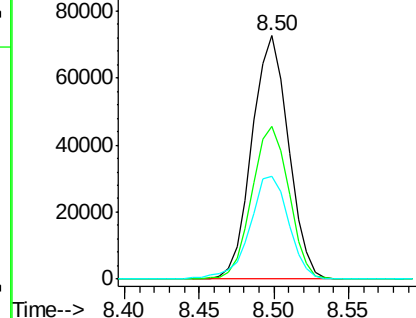


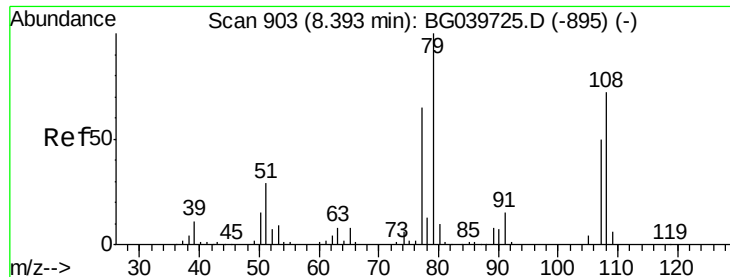
#14  
 1,2-Dichlorobenzene  
 Concen: 39.858 ng  
 RT: 8.50 min Scan# 921  
 Delta R.T. -0.02 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

Tgt Ion:146 Resp: 122361  
 Ion Ratio Lower Upper  
 146 100  
 148 62.6 51.5 77.3  
 111 42.4 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 39.973 ng

RT: 8.38 min Scan# 901

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

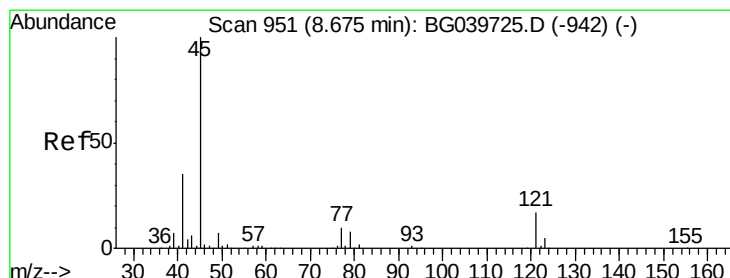
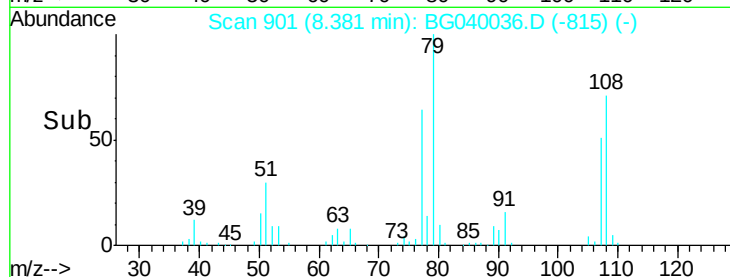
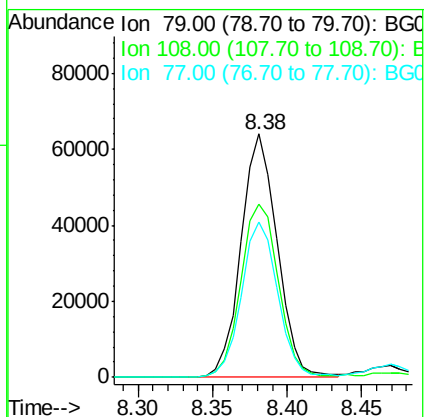
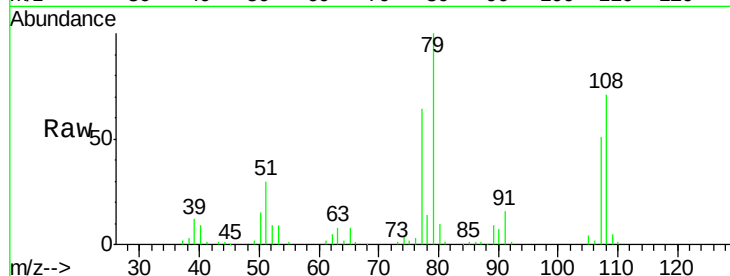
Tgt Ion: 79 Resp: 107486

Ion Ratio Lower Upper

79 100

108 71.3 57.8 86.6

77 64.0 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.002 ng

RT: 8.66 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

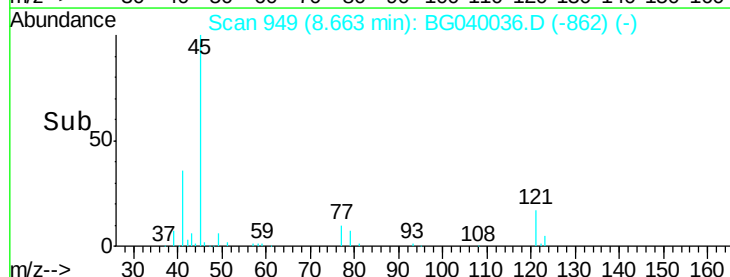
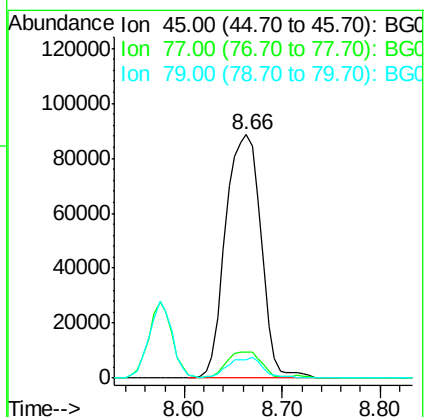
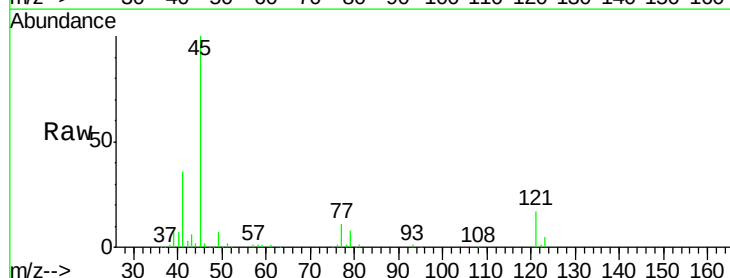
Tgt Ion: 45 Resp: 223338

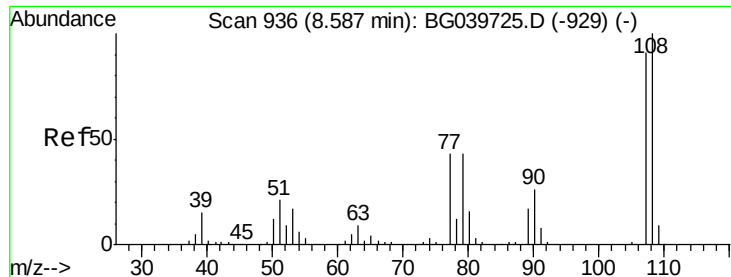
Ion Ratio Lower Upper

45 100

77 10.7 0.0 30.0

79 7.5 0.0 27.5

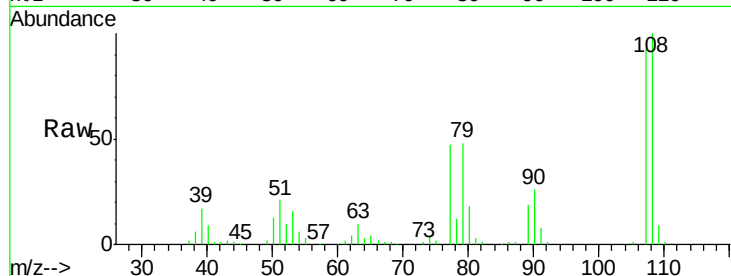




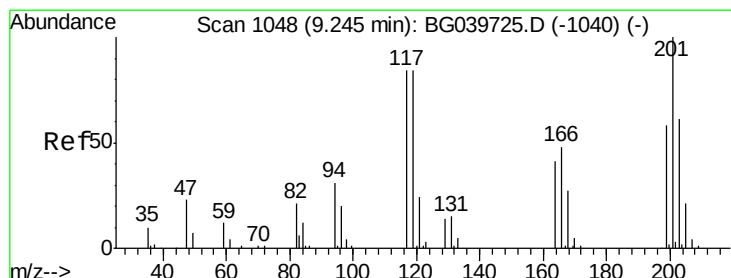
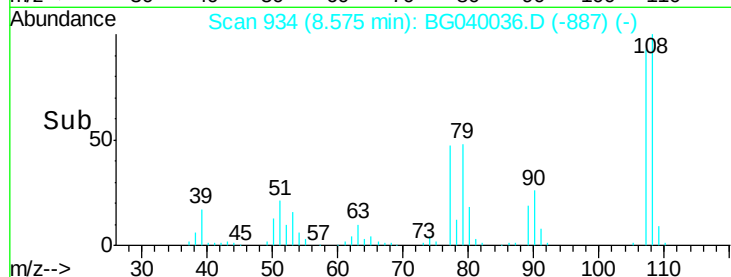
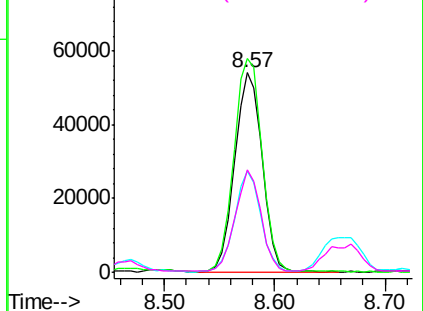
#17  
2-Methylphenol  
Concen: 40.608 ng  
RT: 8.57 min Scan# 934  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:107 Resp: 95086  
Ion Ratio Lower Upper  
107 100  
108 107.0 90.8 136.2  
77 50.5 40.7 61.1  
79 51.5 40.6 60.8

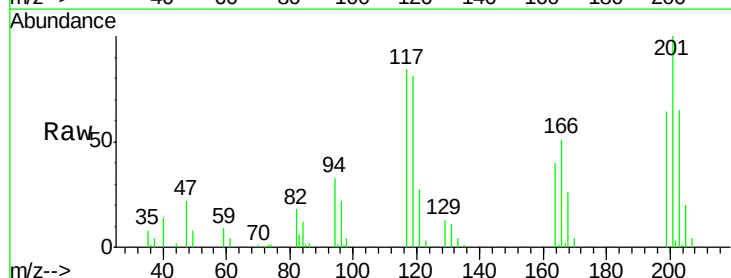


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

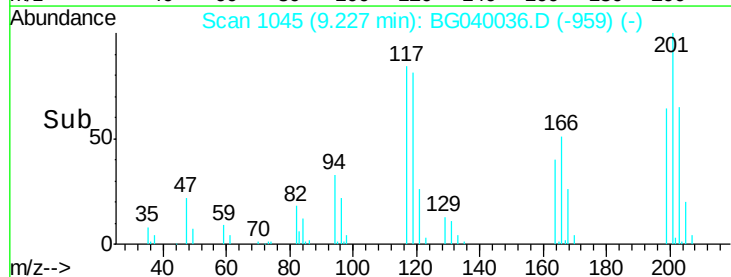
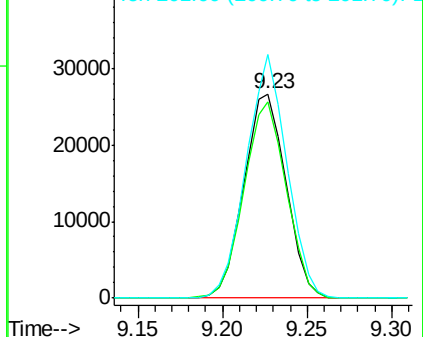


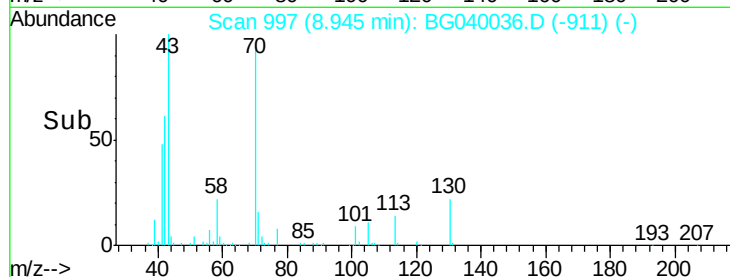
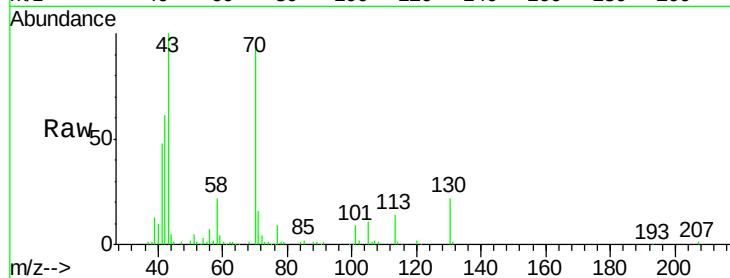
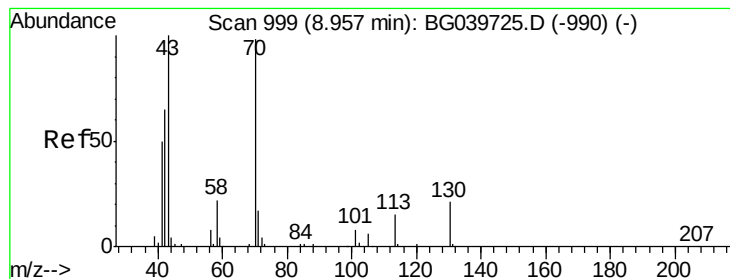
#18  
Hexachloroethane  
Concen: 40.453 ng  
RT: 9.23 min Scan# 1045  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Tgt Ion:117 Resp: 46119  
Ion Ratio Lower Upper  
117 100  
119 96.2 76.3 114.5  
201 119.3 91.1 136.7



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





#19

n-Nitroso-di-n-propylamine

Concen: 39.099 ng

RT: 8.95 min Scan# 997

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 70 Resp: 95398

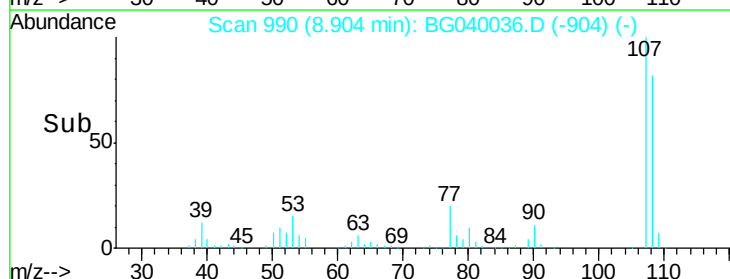
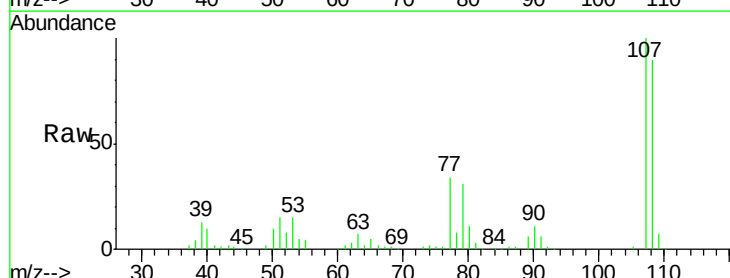
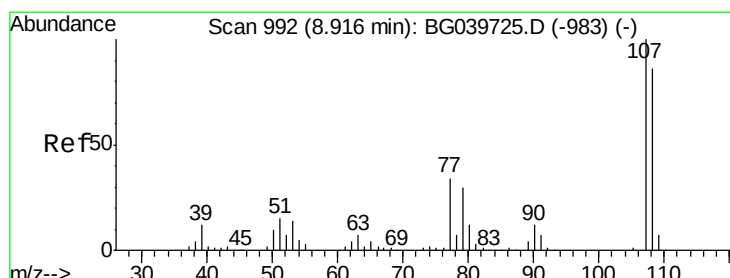
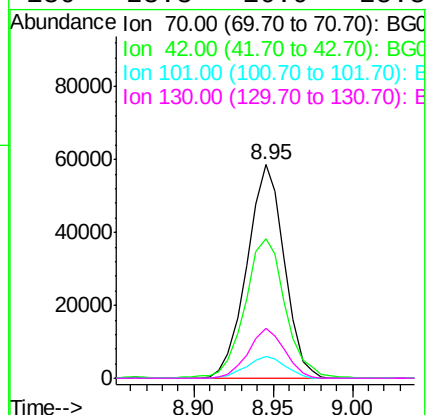
Ion Ratio Lower Upper

70 100

42 65.5 60.4 90.6

101 10.1 7.5 11.3

130 23.3 16.9 25.3



#20

3+4-Methylphenols

Concen: 40.388 ng

RT: 8.90 min Scan# 990

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Tgt Ion: 107 Resp: 131381

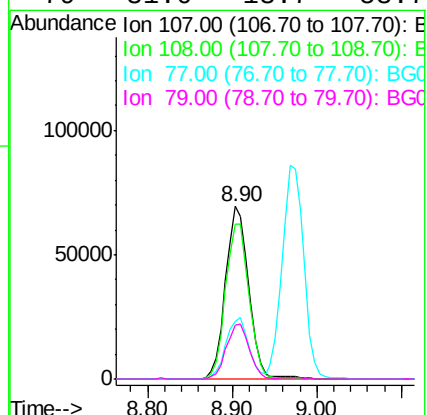
Ion Ratio Lower Upper

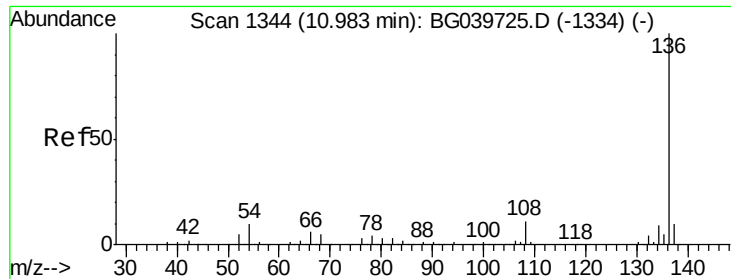
107 100

108 90.1 67.9 107.9

77 33.8 15.4 55.4

79 31.0 13.7 53.7

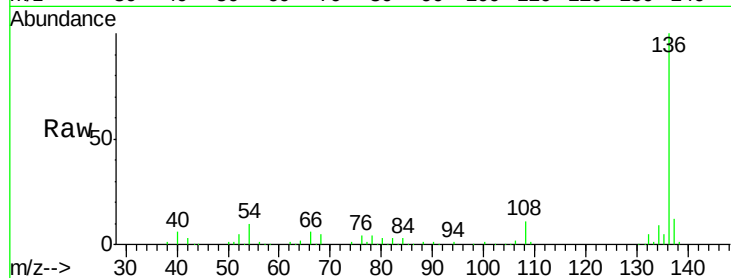




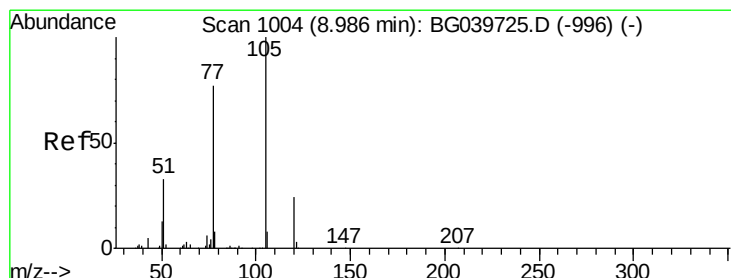
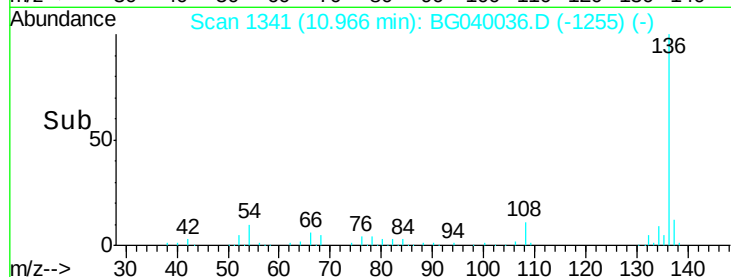
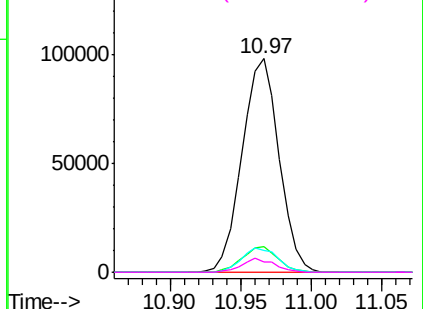
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.97 min Scan# 1341  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 179928 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.8  | 9.1   | 13.7   |
| 54       | 10.5  | 9.4   | 14.2   |
| 68       | 4.8   | 4.2   | 6.4    |

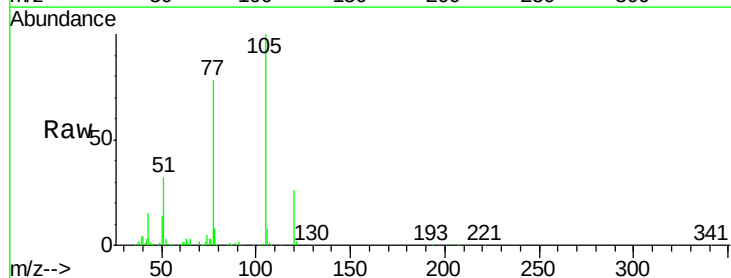


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

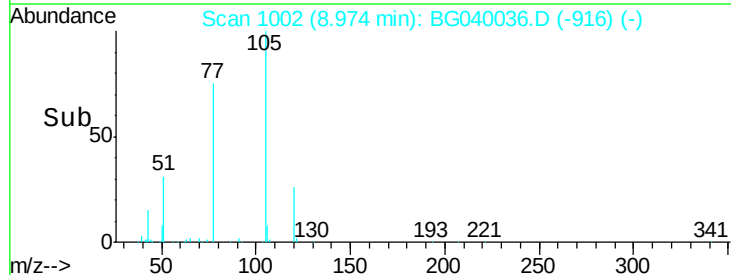
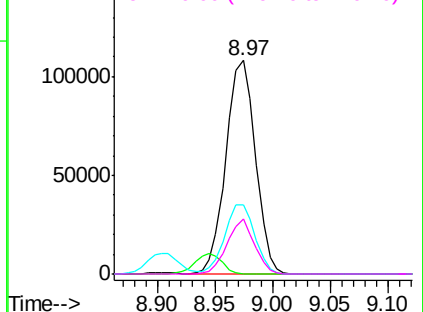


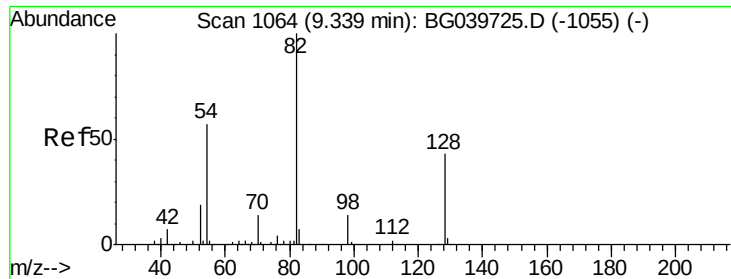
#22  
Acetophenone  
Concen: 39.752 ng  
RT: 8.97 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 191969 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.2   | 0.8   | 1.2#   |
| 51       | 32.2  | 30.2  | 45.2   |
| 120      | 25.7  | 18.0  | 27.0   |



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

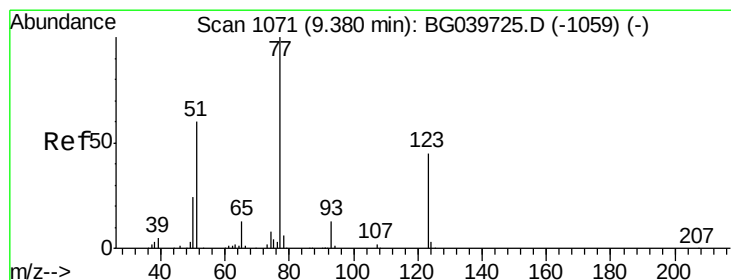
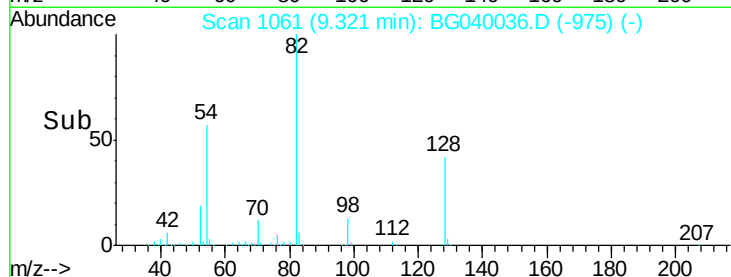
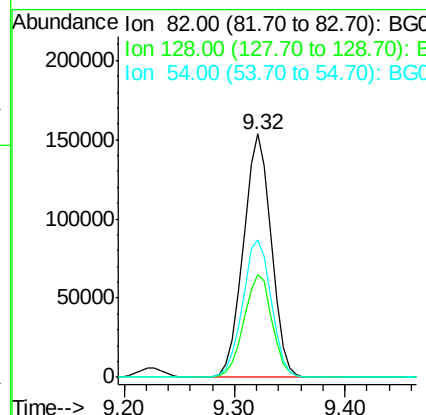
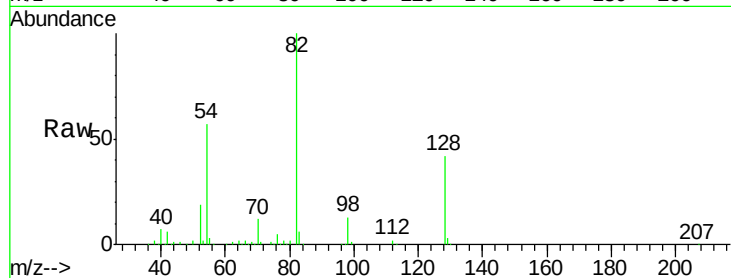




#23  
 Nitrobenzene-d5  
 Concen: 81.987 ng  
 RT: 9.32 min Scan# 1061  
 Delta R.T. -0.02 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

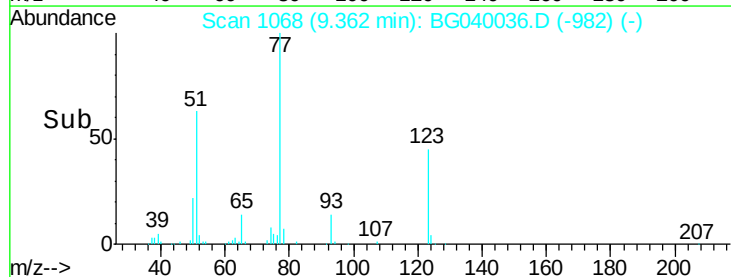
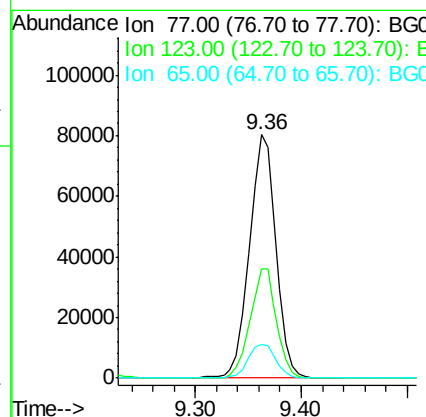
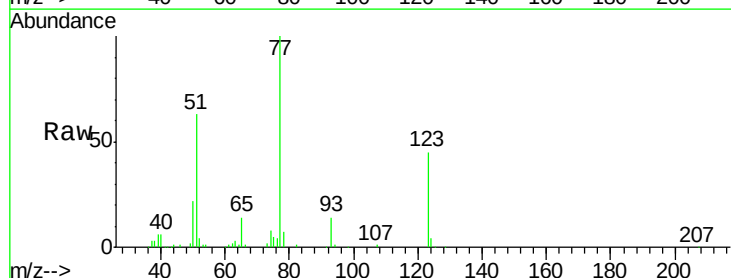
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 82 Resp: 272756  
 Ion Ratio Lower Upper  
 82 100  
 128 42.1 31.3 46.9  
 54 56.6 50.9 76.3

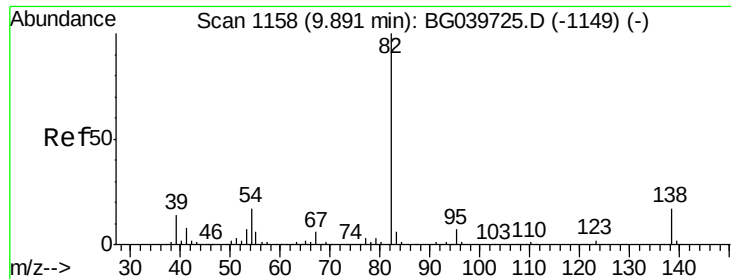


#24  
 Nitrobenzene  
 Concen: 40.116 ng  
 RT: 9.36 min Scan# 1068  
 Delta R.T. -0.02 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

Tgt Ion: 77 Resp: 140008  
 Ion Ratio Lower Upper  
 77 100  
 123 45.0 34.1 51.1  
 65 14.1 12.3 18.5



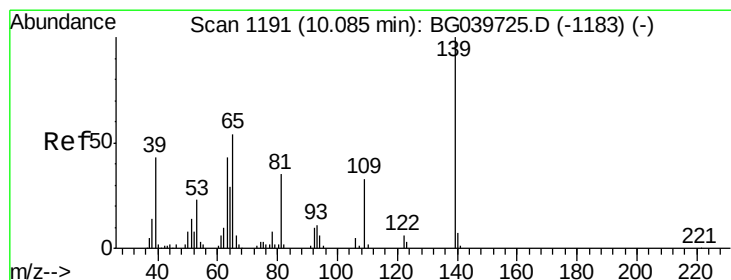
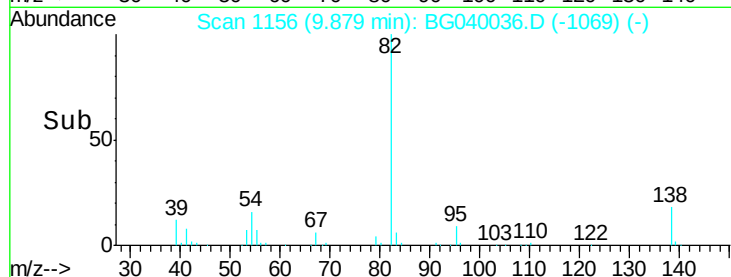
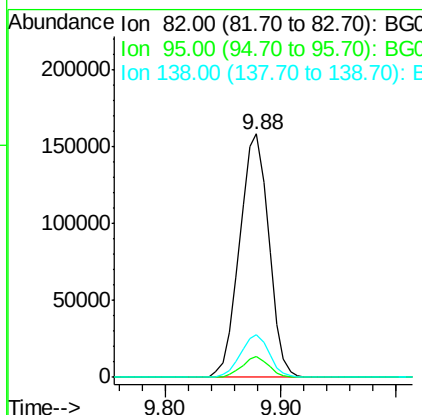
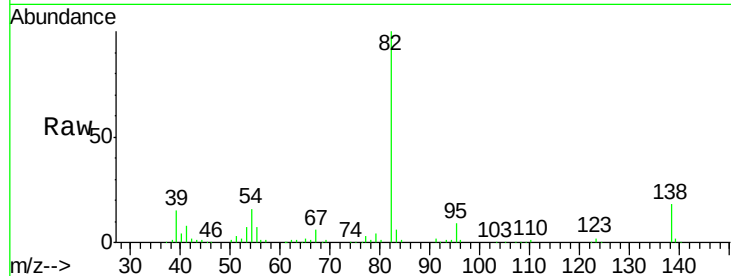




#25  
Isophorone  
Concen: 39.911 ng  
RT: 9.88 min Scan# 1156  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

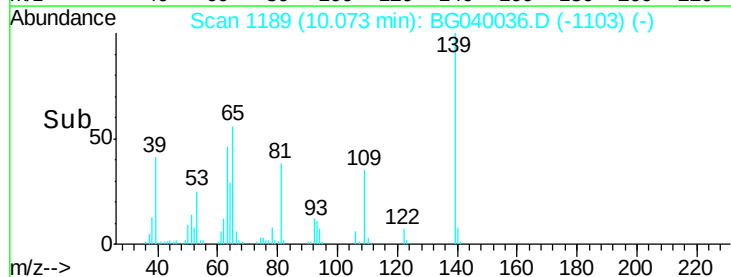
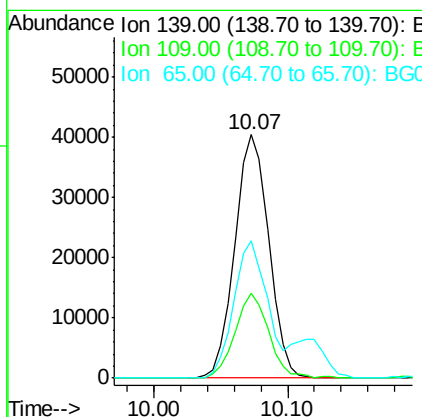
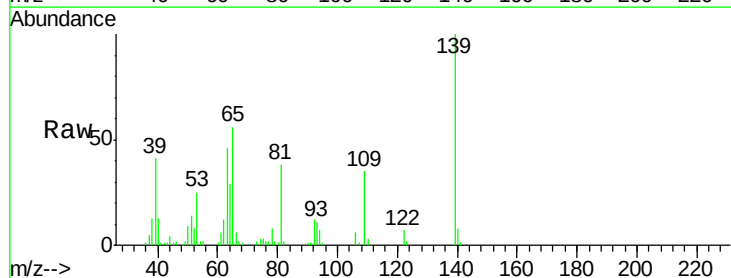
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

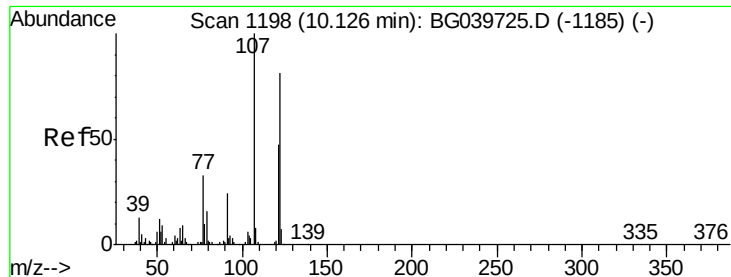
Tgt Ion: 82 Resp: 278209  
Ion Ratio Lower Upper  
82 100  
95 8.6 6.2 9.2  
138 17.5 13.0 19.4



#26  
2-Nitrophenol  
Concen: 42.250 ng  
RT: 10.07 min Scan# 1189  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Tgt Ion: 139 Resp: 71194  
Ion Ratio Lower Upper  
139 100  
109 34.7 23.4 35.0  
65 56.5 44.3 66.5

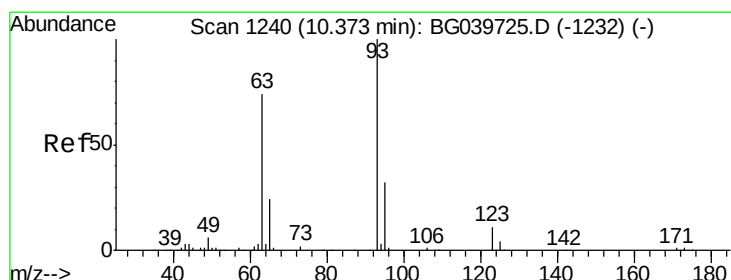
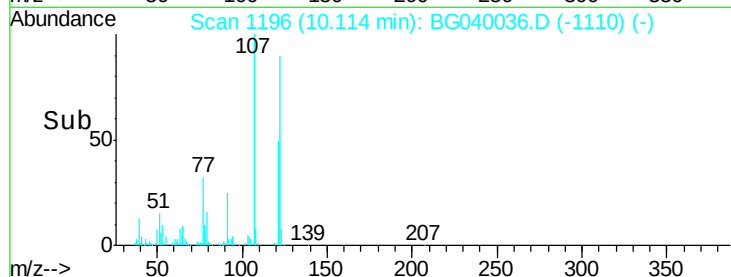
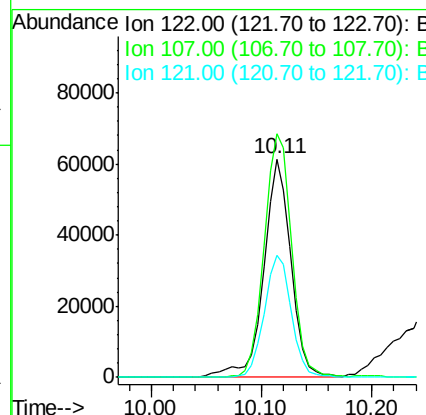
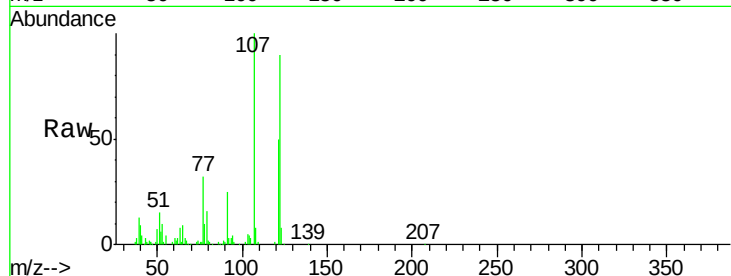




#27  
2,4-Dimethylphenol  
Concen: 40.238 ng  
RT: 10.11 min Scan# 1196  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

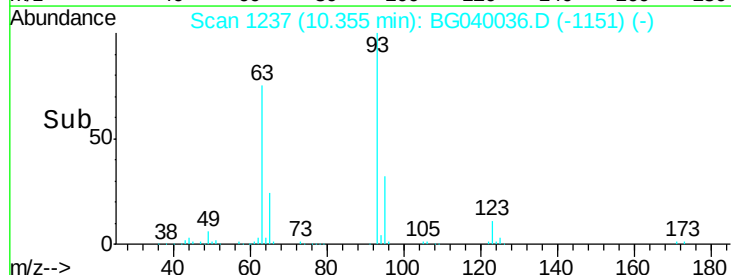
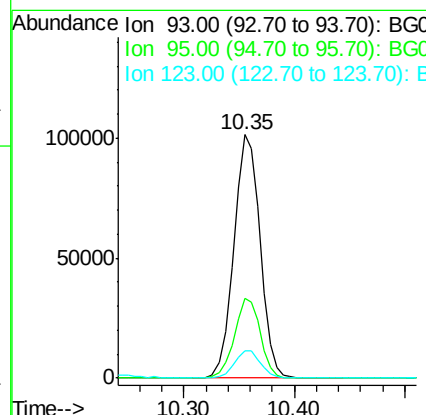
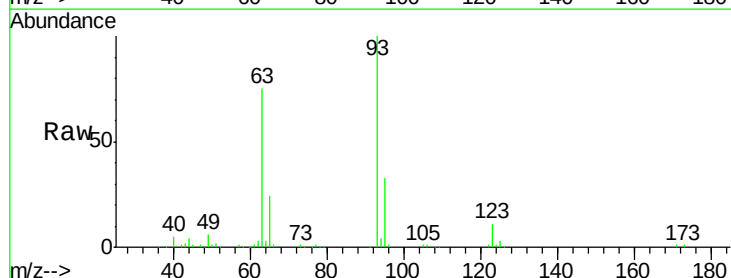
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

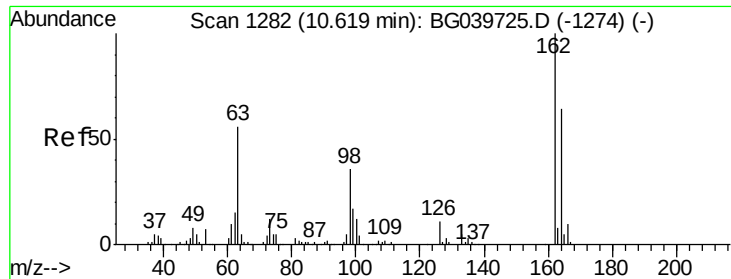
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 111.6 | 91.7  | 137.5 |
| 121     | 55.7  | 46.4  | 69.6  |



#28  
bis(2-Chloroethoxy)methane  
Concen: 39.804 ng  
RT: 10.35 min Scan# 1237  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.9  | 25.0  | 37.4  |
| 123     | 11.4  | 8.6   | 12.8  |

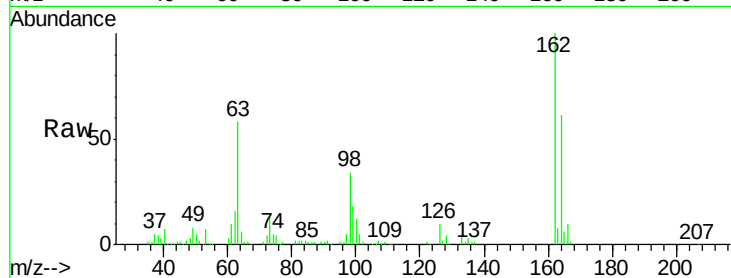




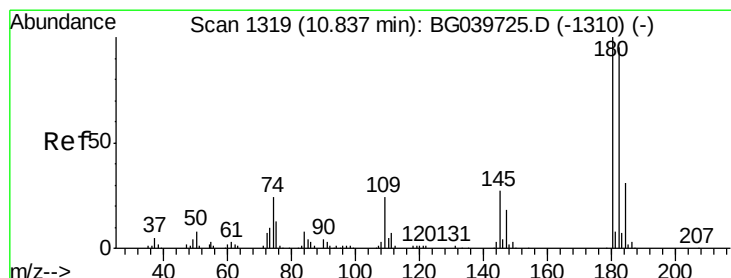
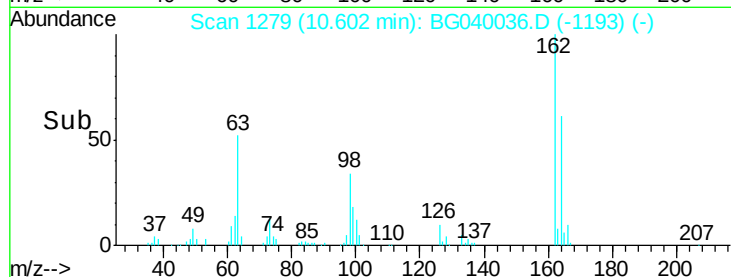
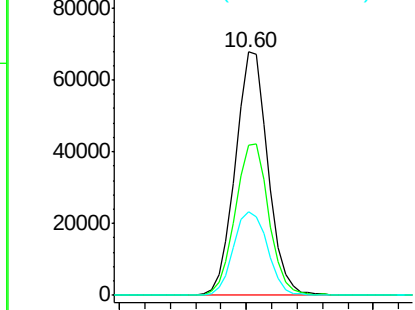
#29  
2,4-Dichlorophenol  
Concen: 40.980 ng  
RT: 10.60 min Scan# 1279  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:162 Resp: 120920  
Ion Ratio Lower Upper  
162 100  
164 61.5 48.1 88.1  
98 34.2 18.1 58.1

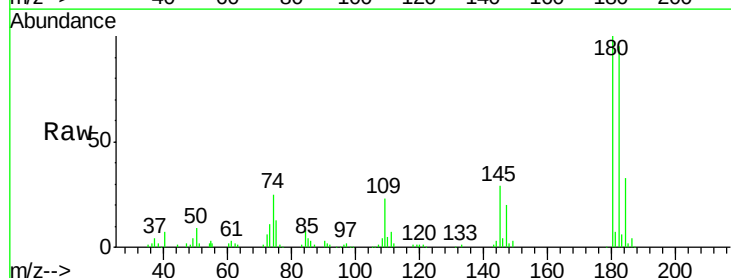


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): B

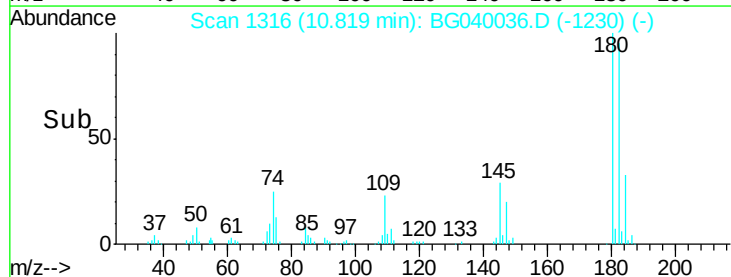
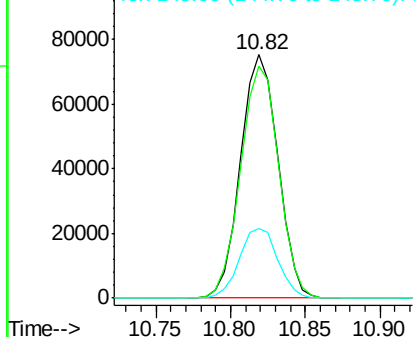


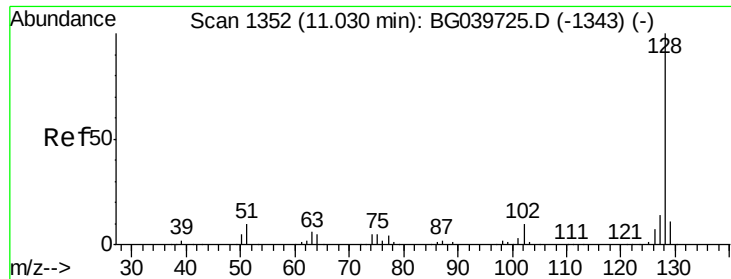
#30  
1,2,4-Trichlorobenzene  
Concen: 39.419 ng  
RT: 10.82 min Scan# 1316  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Tgt Ion:180 Resp: 130884  
Ion Ratio Lower Upper  
180 100  
182 95.3 76.0 114.0  
145 28.7 22.7 34.1



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

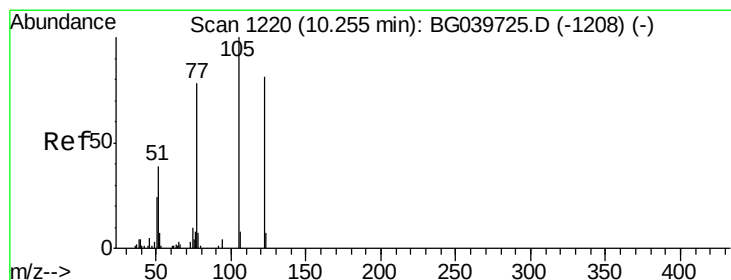
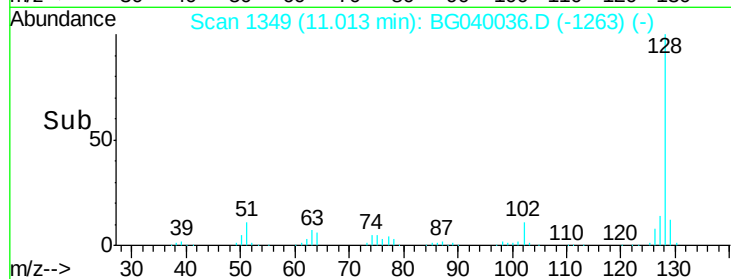
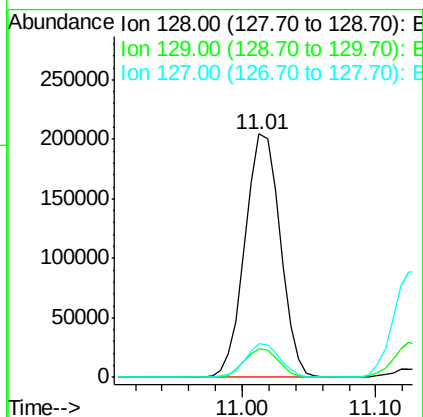
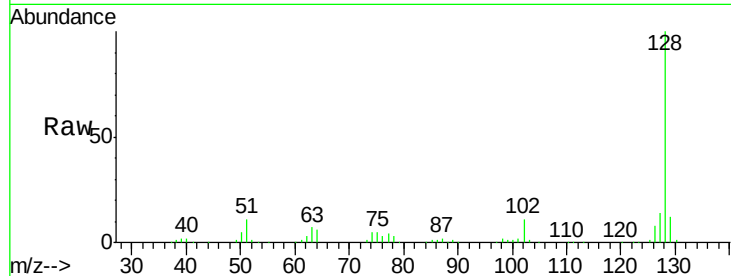




#31  
Naphthalene  
Concen: 39.256 ng  
RT: 11.01 min Scan# 1349  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

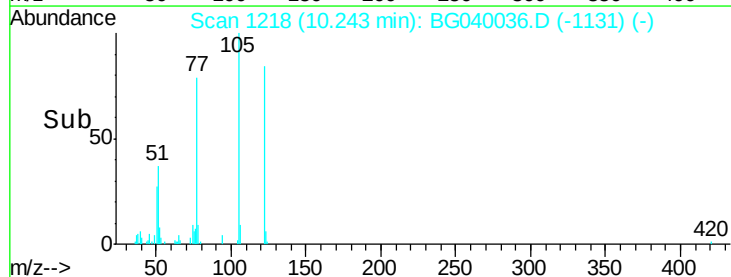
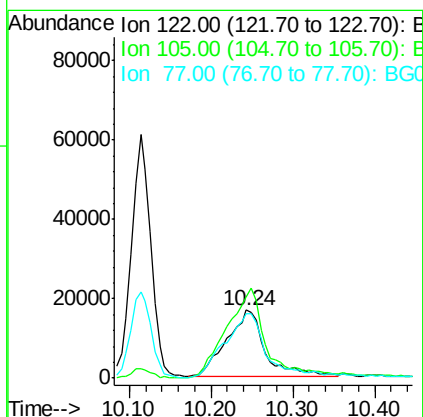
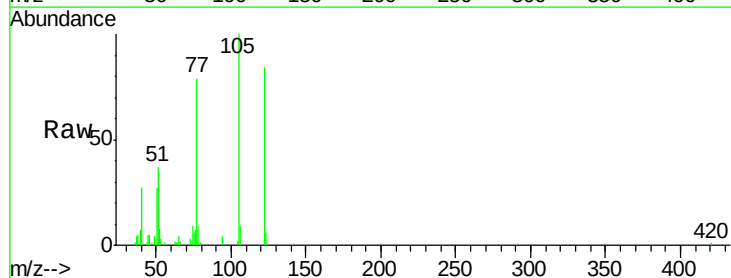
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

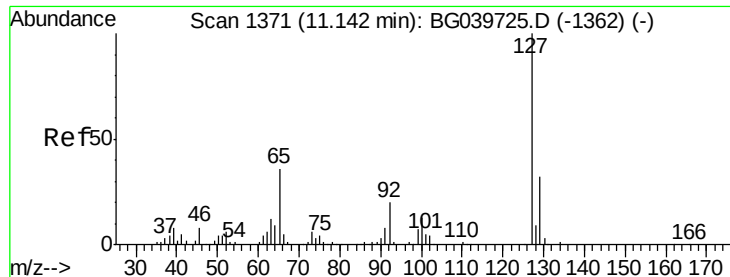
Tgt Ion:128 Resp: 373965  
Ion Ratio Lower Upper  
128 100  
129 11.8 8.7 13.1  
127 13.6 10.8 16.2



#32  
Benzoic acid  
Concen: 33.546 ng  
RT: 10.24 min Scan# 1218  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Tgt Ion:122 Resp: 56219  
Ion Ratio Lower Upper  
122 100  
105 118.7 101.8 141.8  
77 94.0 76.3 116.3

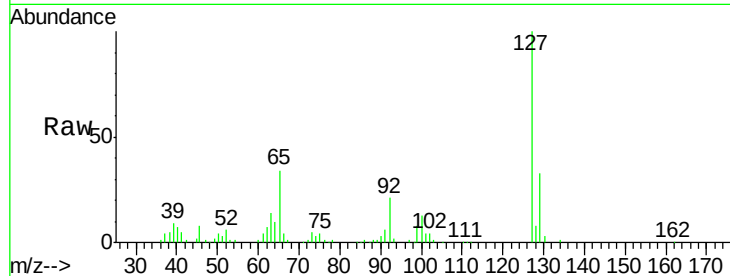




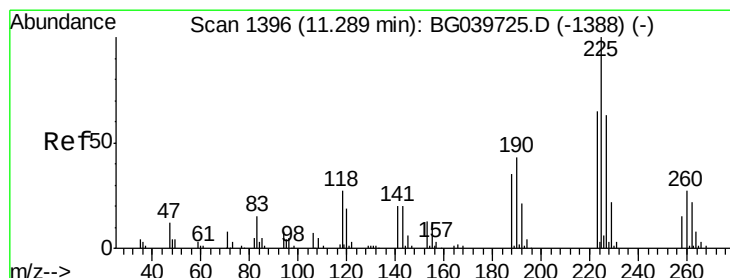
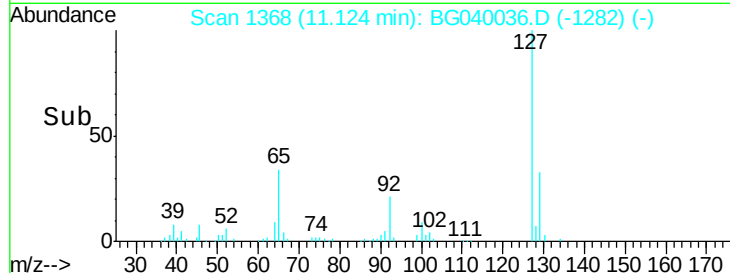
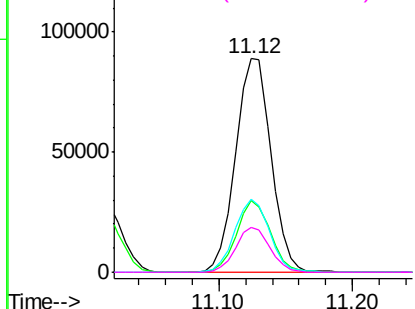
#33  
4-Chloroaniline  
Concen: 40.373 ng  
RT: 11.12 min Scan# 1368  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 163089 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.3  | 27.0  | 40.4   |
| 65       | 34.1  | 28.8  | 43.2   |
| 92       | 20.7  | 16.6  | 25.0   |

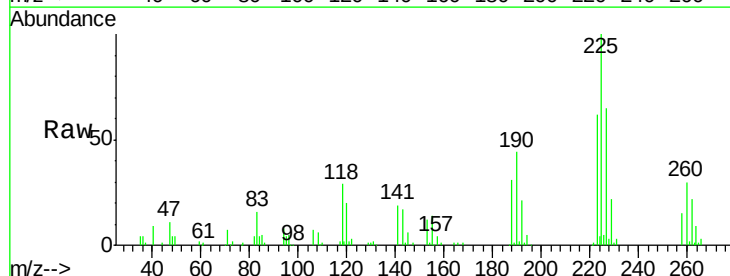


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

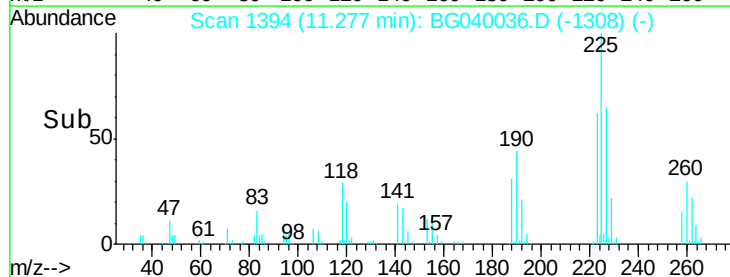
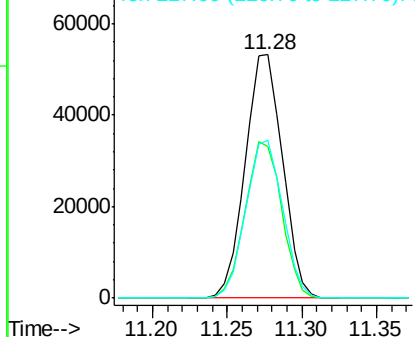


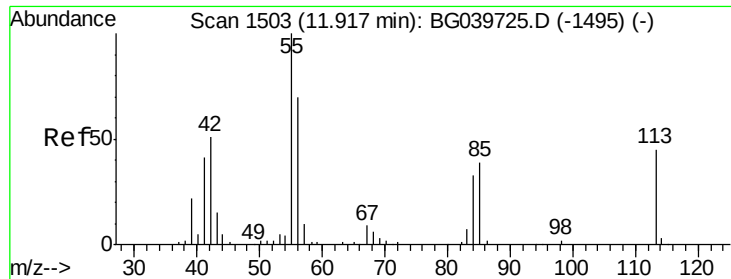
#34  
Hexachlorobutadiene  
Concen: 40.525 ng  
RT: 11.28 min Scan# 1394  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 91946 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.0  | 49.0  | 73.6  |
| 227      | 64.8  | 46.3  | 69.5  |



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

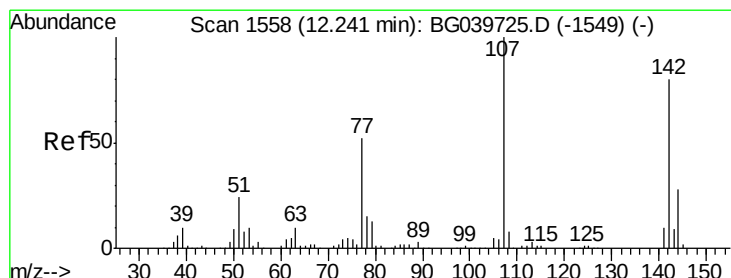
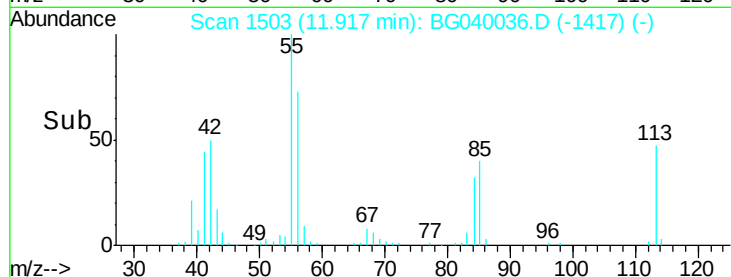
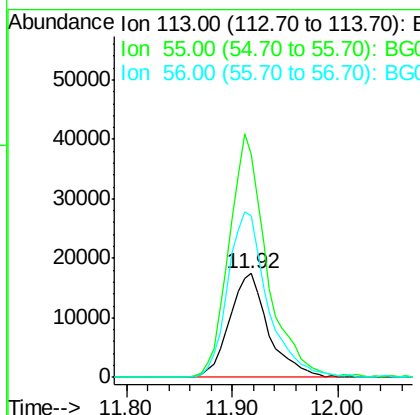
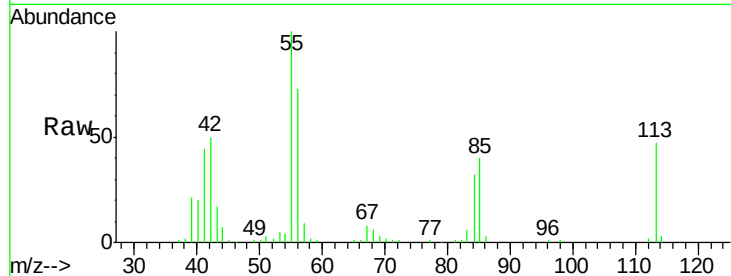




#35  
 Caprolactam  
 Concen: 39.560 ng  
 RT: 11.92 min Scan# 1503  
 Delta R.T. -0.02 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

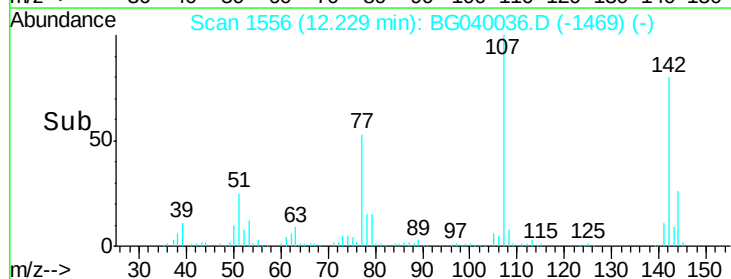
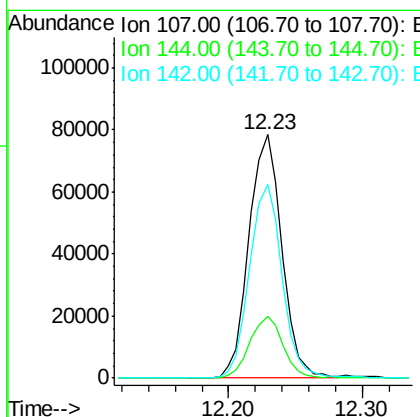
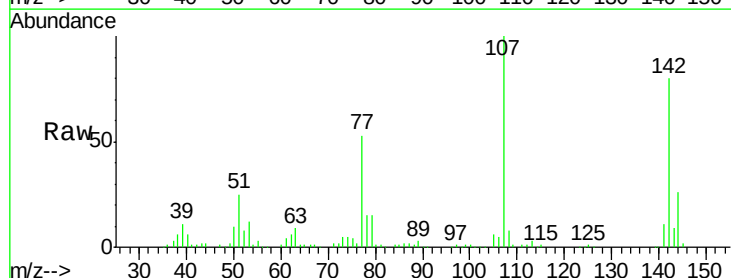
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

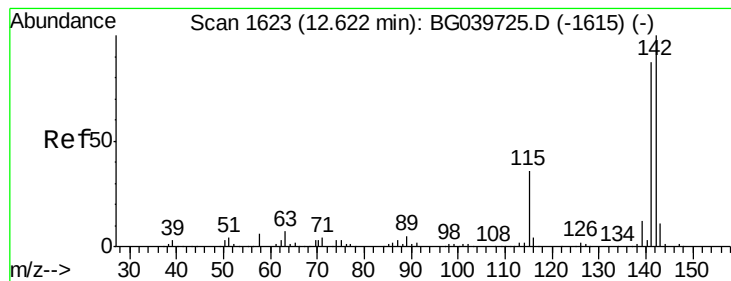
Tgt Ion:113 Resp: 44590  
 Ion Ratio Lower Upper  
 113 100  
 55 213.9 216.9 256.9#  
 56 155.8 152.6 192.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 39.405 ng  
 RT: 12.23 min Scan# 1556  
 Delta R.T. -0.02 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

Tgt Ion:107 Resp: 133285  
 Ion Ratio Lower Upper  
 107 100  
 144 25.7 20.2 30.2  
 142 79.6 61.4 92.2

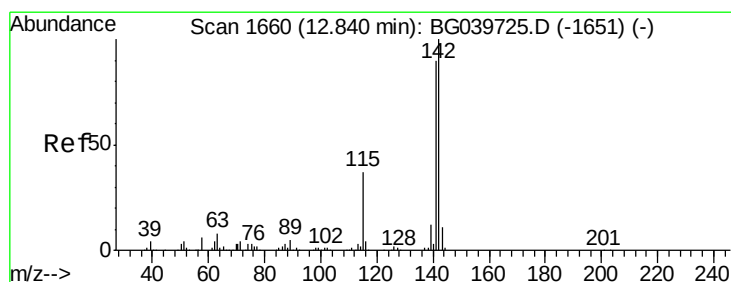
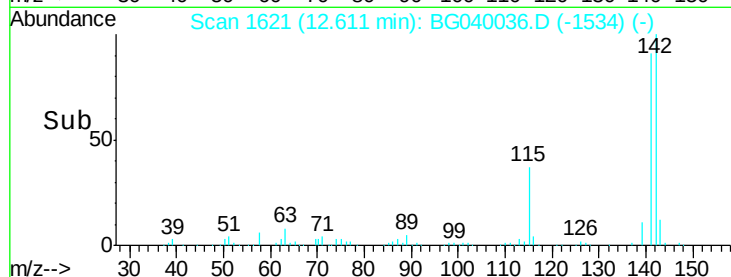
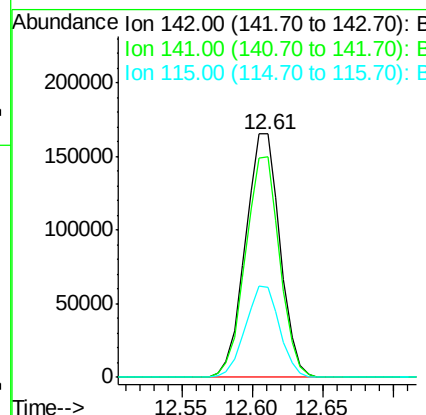
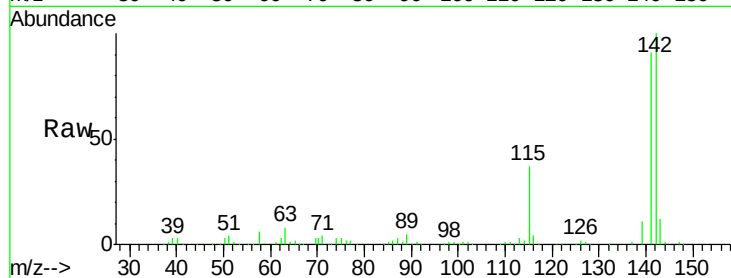




#37  
 2-Methylnaphthalene  
 Concen: 39.797 ng  
 RT: 12.61 min Scan# 1621  
 Delta R.T. -0.02 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

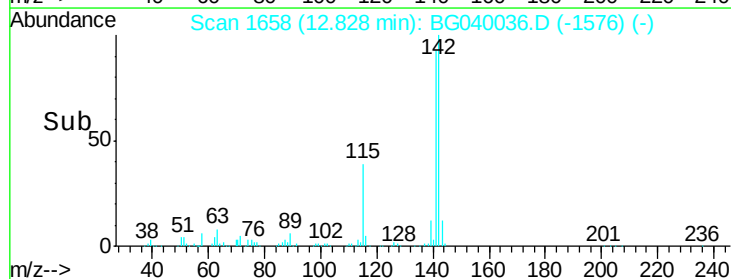
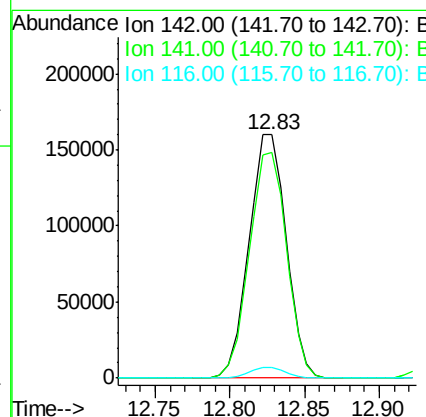
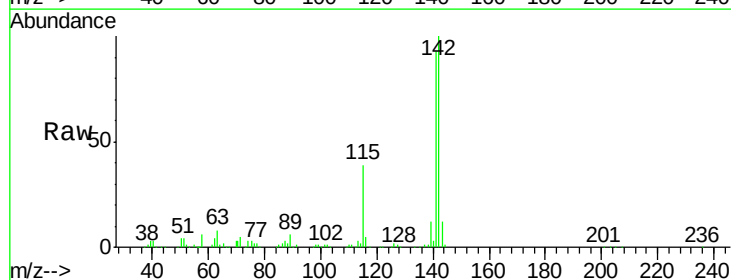
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDC040

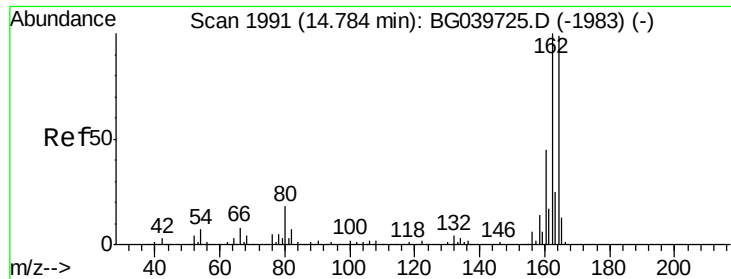
Tgt Ion:142 Resp: 283443  
 Ion Ratio Lower Upper  
 142 100  
 141 90.5 73.5 110.3  
 115 37.1 30.8 46.2



#38  
 1-Methylnaphthalene  
 Concen: 39.798 ng  
 RT: 12.83 min Scan# 1658  
 Delta R.T. -0.02 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

Tgt Ion:142 Resp: 275457  
 Ion Ratio Lower Upper  
 142 100  
 141 92.8 74.2 111.4  
 116 4.5 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

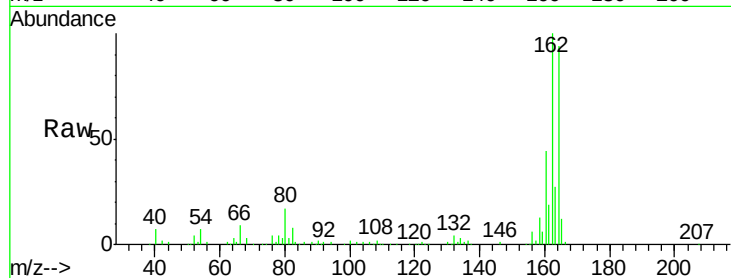
Tgt Ion:164 Resp: 119491

Ion Ratio Lower Upper

164 100

162 106.7 81.6 122.4

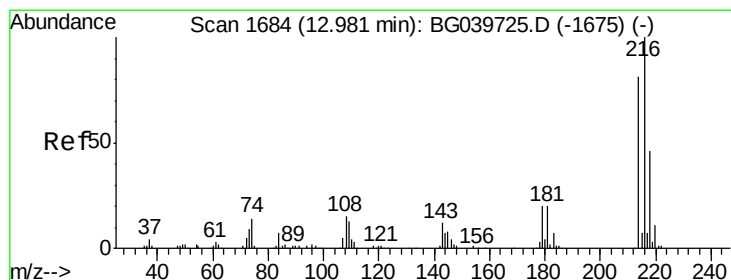
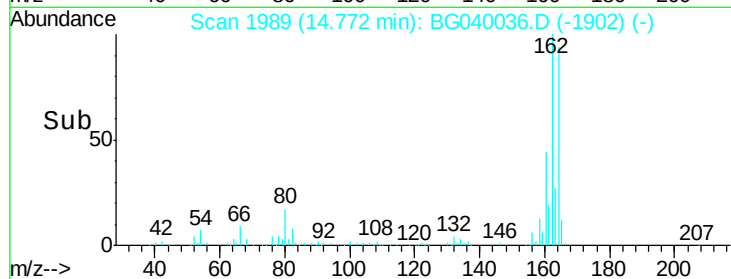
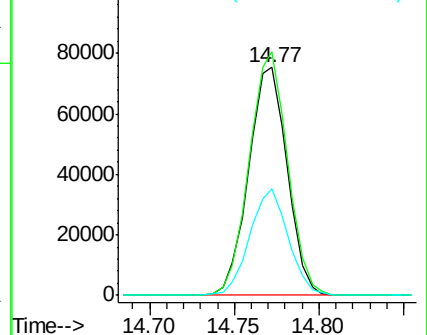
160 46.5 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.898 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Tgt Ion:216 Resp: 161508

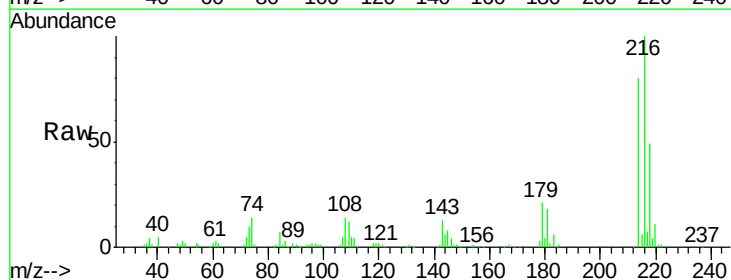
Ion Ratio Lower Upper

216 100

214 80.2 62.6 94.0

179 20.7 16.6 25.0

108 16.2 14.0 21.0

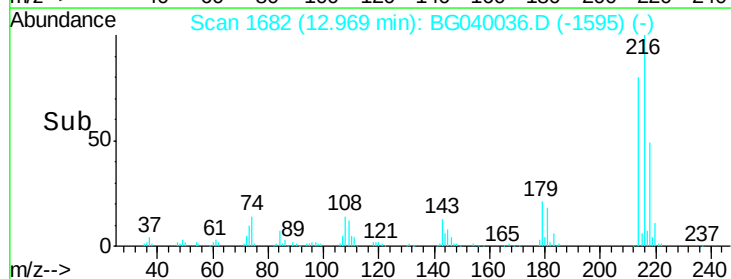
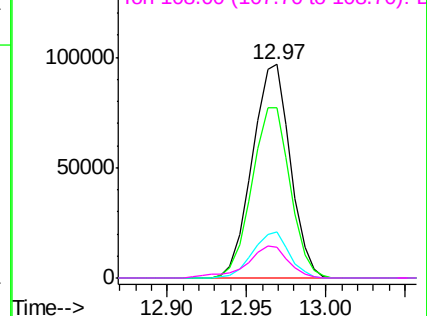


Abundance Ion 216.00 (215.70 to 216.70): E

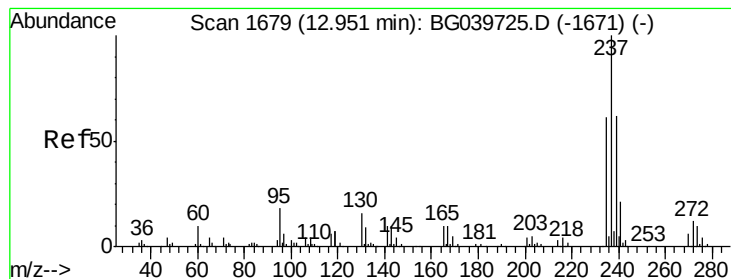
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 41.812 ng

RT: 12.93 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

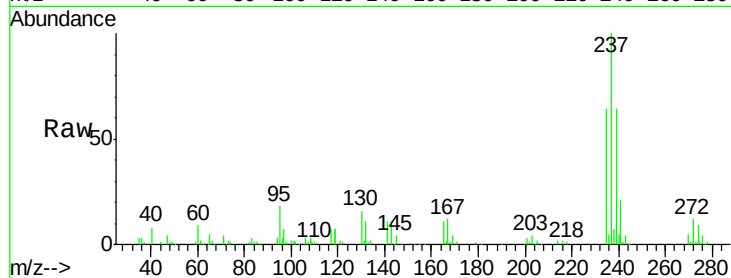
Instrument :

BNA\_G

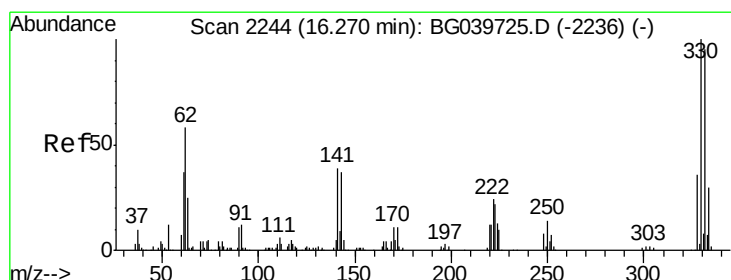
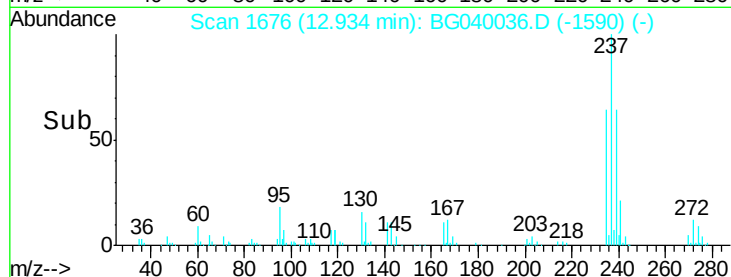
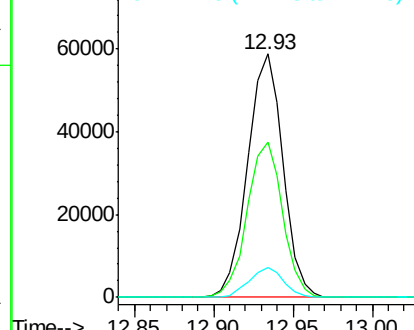
ClientSampleId :

SSTDCCC040

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 237   | Resp: | 90705 |
| Ion Ratio | Lower | Upper |       |
| 237       | 100   |       |       |
| 235       | 63.7  | 43.3  | 83.3  |
| 272       | 12.4  | 0.0   | 32.3  |



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 83.520 ng

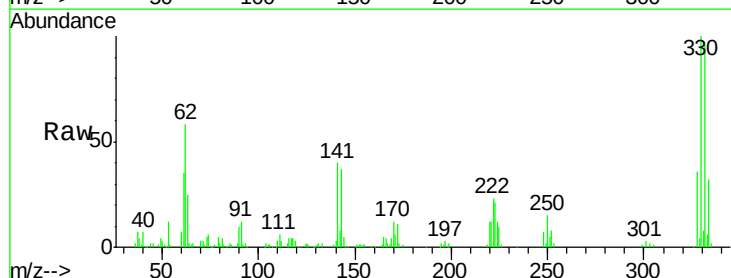
RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

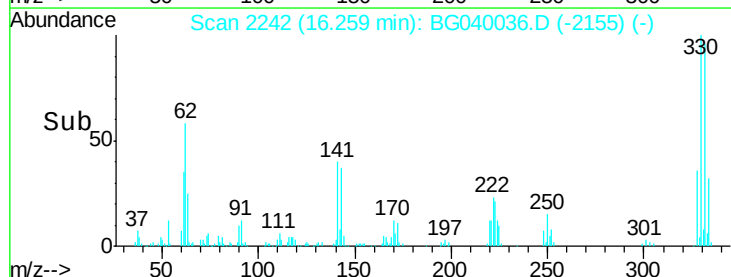
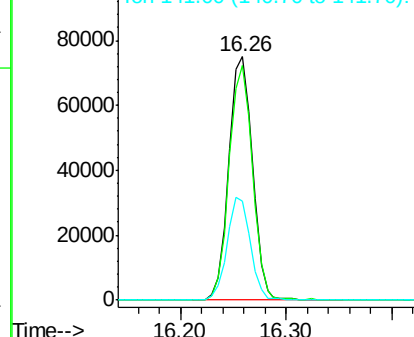
Lab File: BG040036.D

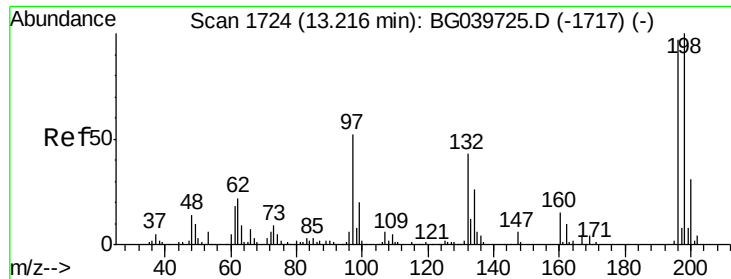
Acq: 20 Mar 2019 15:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 116323 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 95.4  | 75.7  | 113.5  |
| 141       | 41.4  | 35.6  | 53.4   |



Abundance Ion 329.80 (329.50 to 330.50): E  
Ion 331.80 (331.50 to 332.50): E  
Ion 141.00 (140.70 to 141.70): E

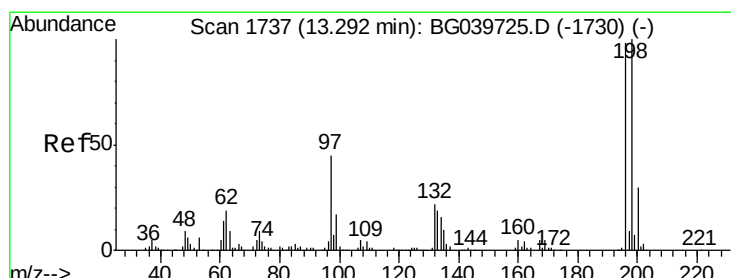
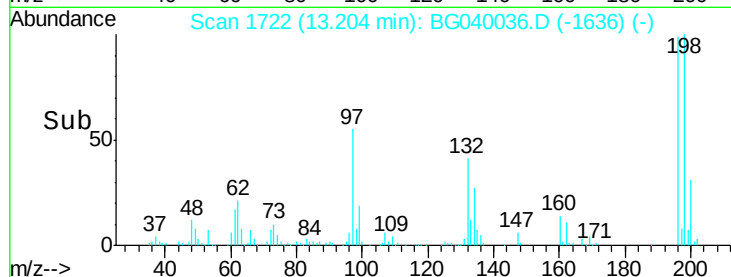
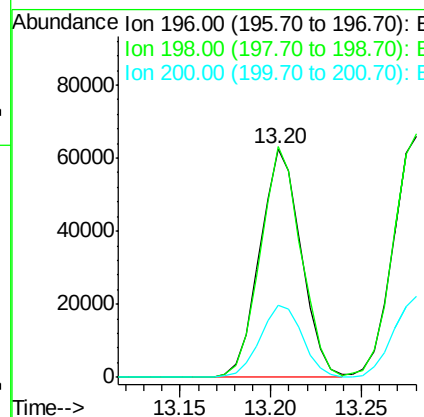
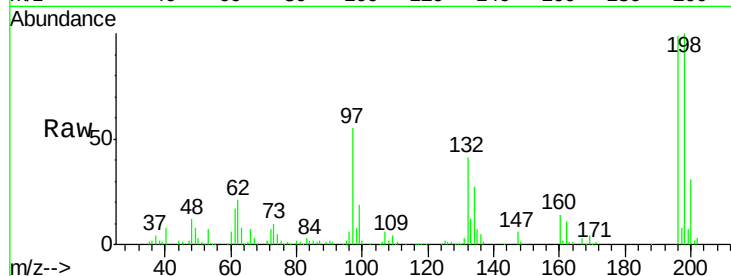




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.957 ng  
 RT: 13.20 min Scan# 1722  
 Delta R.T. -0.02 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

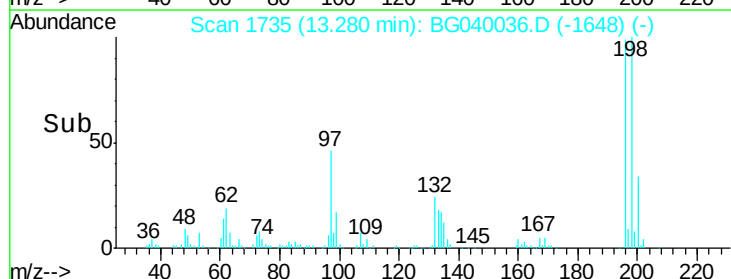
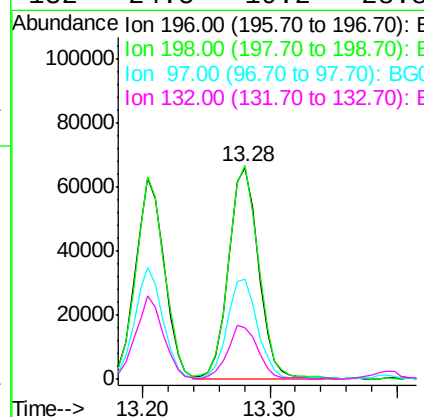
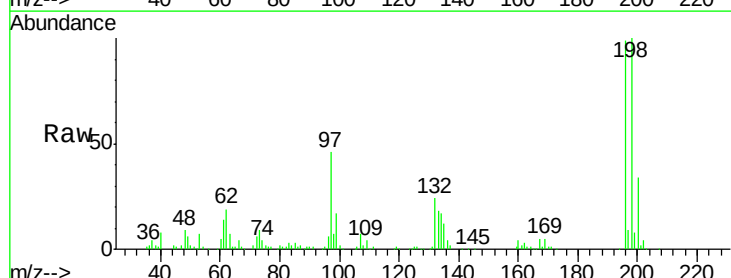
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

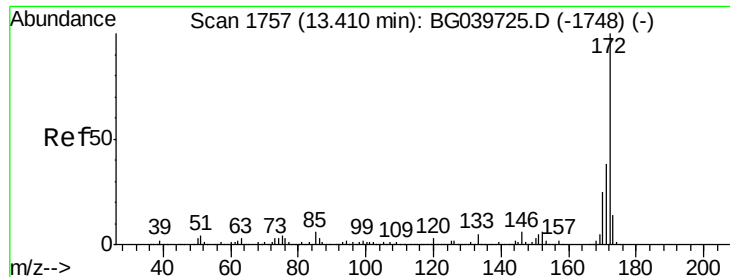
Tgt Ion:196 Resp: 99437  
 Ion Ratio Lower Upper  
 196 100  
 198 100.8 80.6 121.0  
 200 31.7 26.1 39.1



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.632 ng  
 RT: 13.28 min Scan# 1735  
 Delta R.T. -0.02 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

Tgt Ion:196 Resp: 108543  
 Ion Ratio Lower Upper  
 196 100  
 198 101.0 78.5 117.7  
 97 47.0 38.4 57.6  
 132 24.5 19.2 28.8

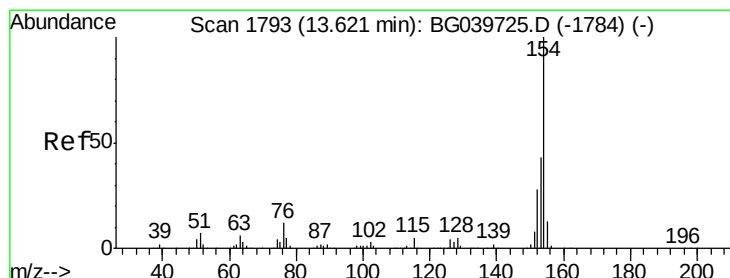
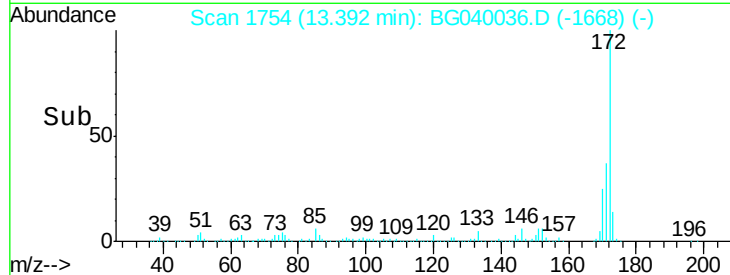
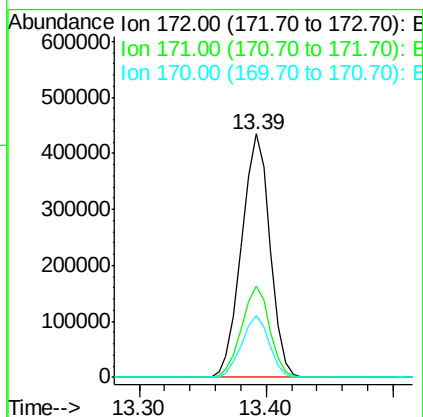
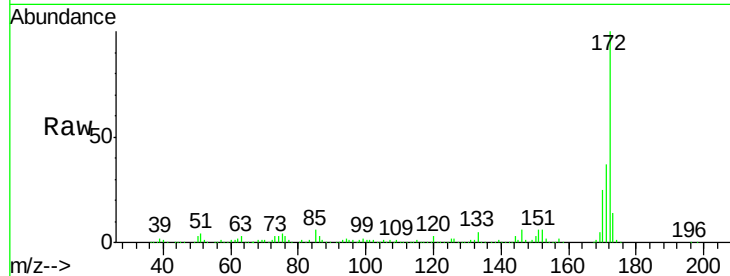




#45  
2-Fluorobiphenyl  
Concen: 80.153 ng  
RT: 13.39 min Scan# 1754  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

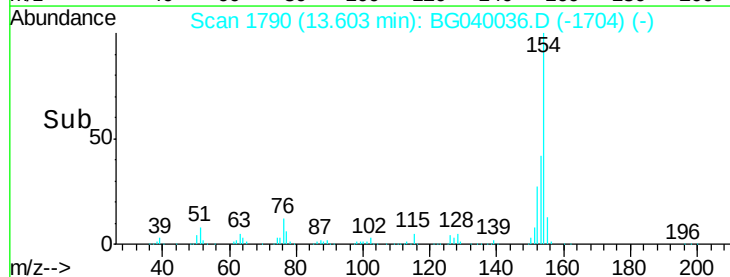
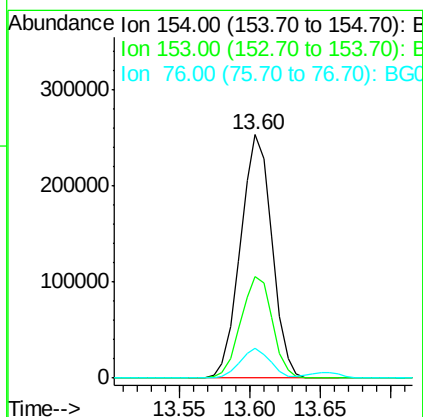
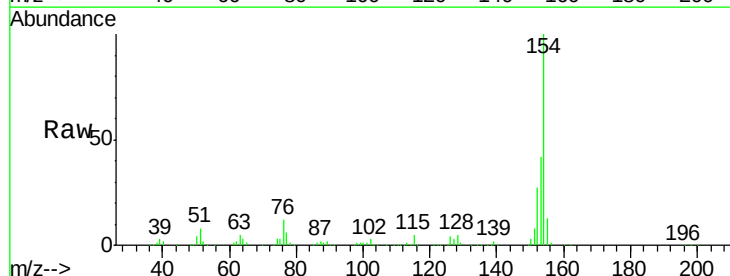
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

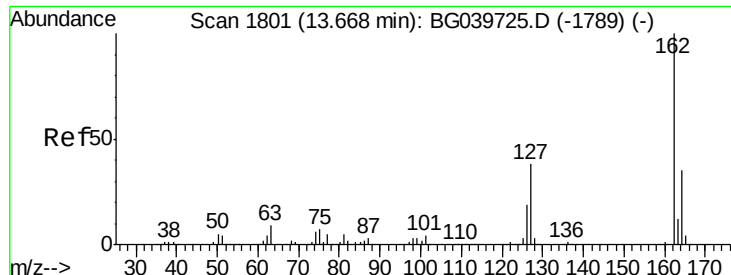
Tgt Ion:172 Resp: 672666  
Ion Ratio Lower Upper  
172 100  
171 37.4 30.8 46.2  
170 25.2 20.2 30.4



#46  
1,1'-Biphenyl  
Concen: 40.012 ng  
RT: 13.60 min Scan# 1790  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Tgt Ion:154 Resp: 393241  
Ion Ratio Lower Upper  
154 100  
153 41.8 22.1 62.1  
76 12.3 0.0 32.4

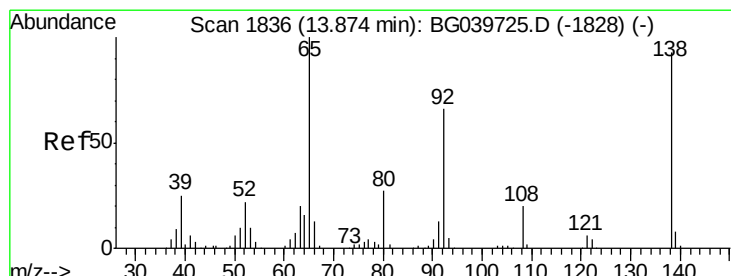
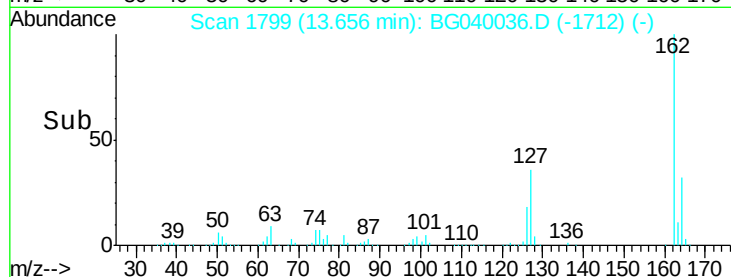
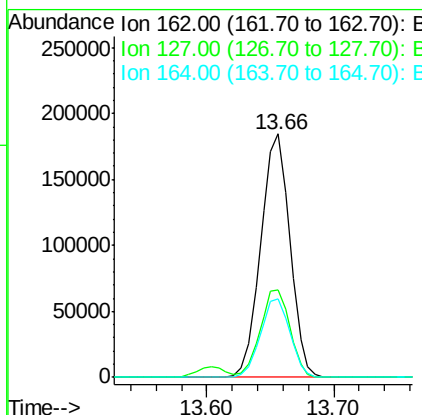
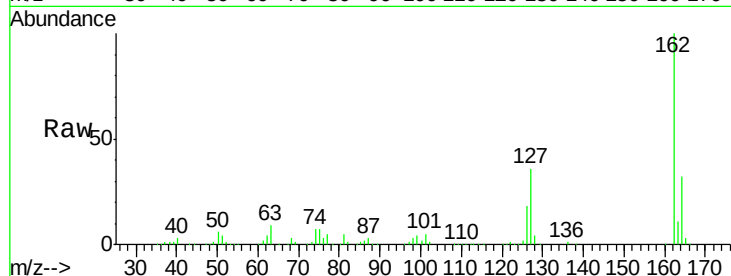




#47  
 2-Chloronaphthalene  
 Concen: 40.064 ng  
 RT: 13.66 min Scan# 1799  
 Delta R.T. -0.02 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

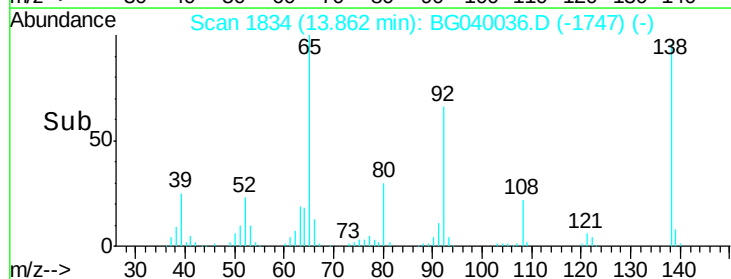
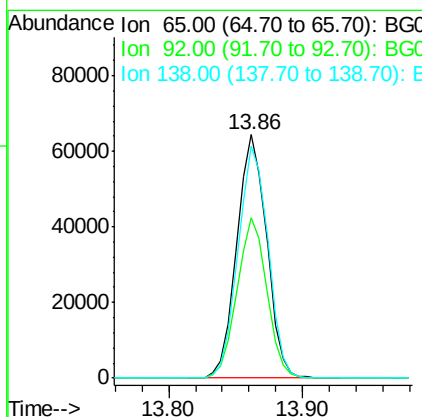
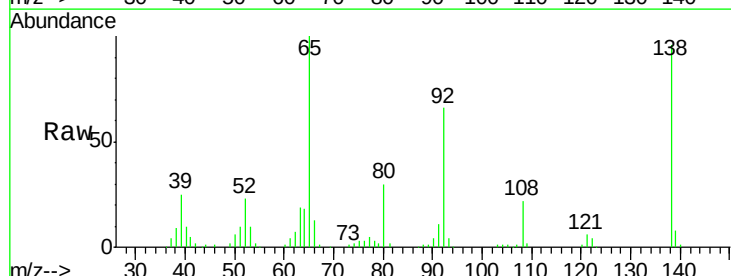
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

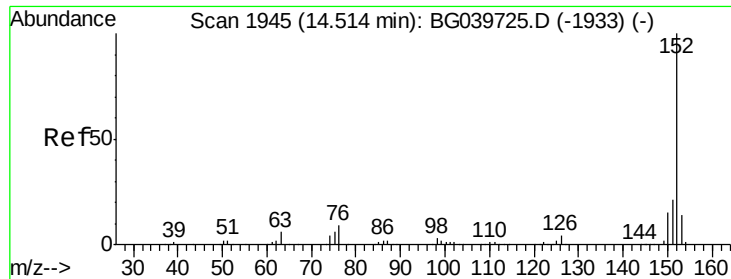
Tgt Ion: 162 Resp: 296212  
 Ion Ratio Lower Upper  
 162 100  
 127 36.1 31.0 46.6  
 164 32.3 25.7 38.5



#48  
 2-Nitroaniline  
 Concen: 41.813 ng  
 RT: 13.86 min Scan# 1834  
 Delta R.T. -0.02 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

Tgt Ion: 65 Resp: 99349  
 Ion Ratio Lower Upper  
 65 100  
 92 66.0 51.4 77.2  
 138 95.6 71.4 107.2





#49

Acenaphthylene

Concen: 40.115 ng

RT: 14.50 min Scan# 1942

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

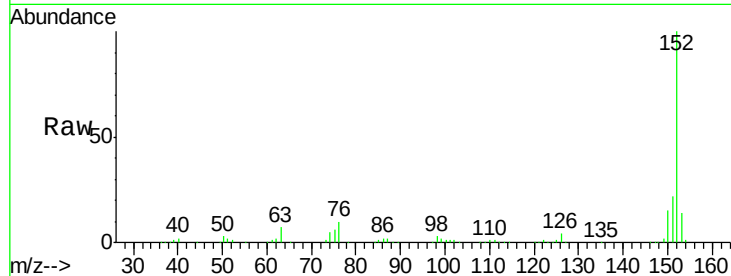
Tgt Ion:152 Resp: 486885

Ion Ratio Lower Upper

152 100

151 22.3 16.8 25.2

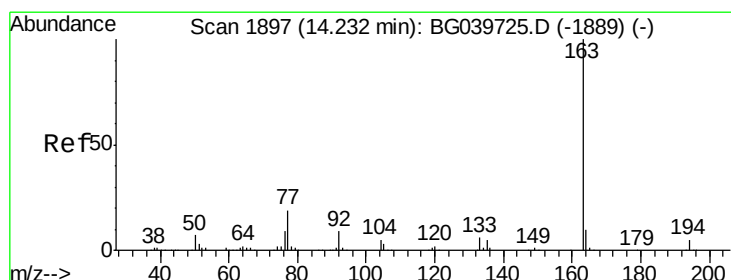
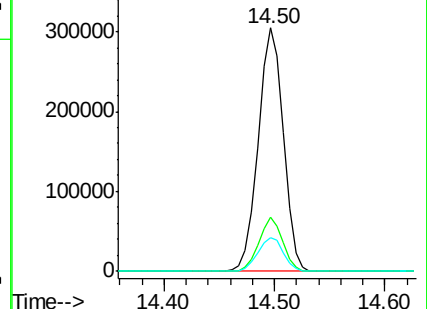
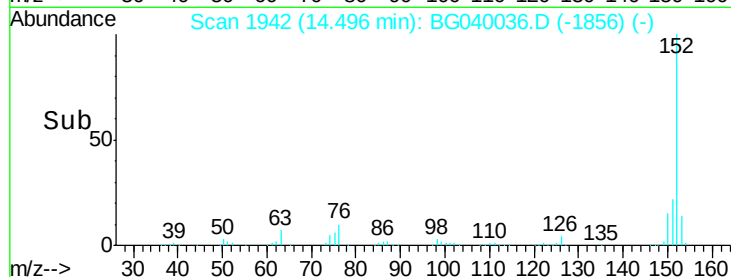
153 13.9 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.495 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

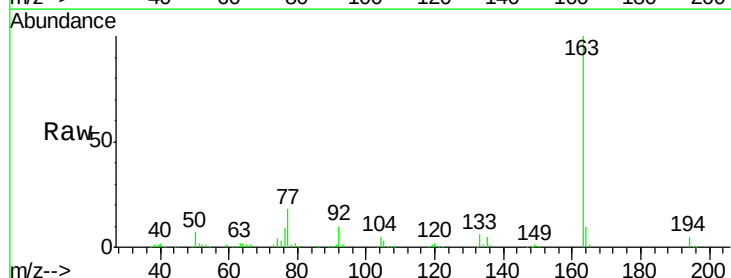
Tgt Ion:163 Resp: 394627

Ion Ratio Lower Upper

163 100

194 4.6 3.6 5.4

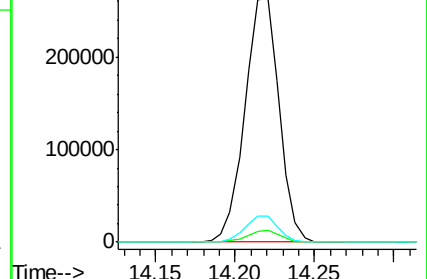
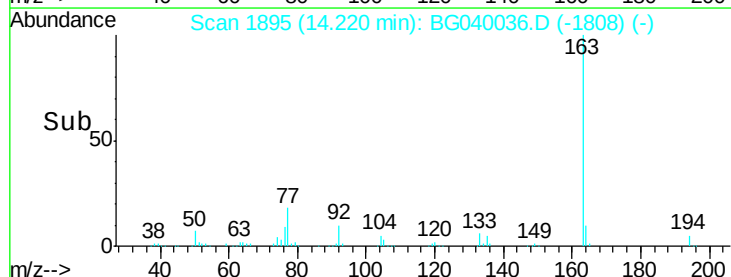
164 10.5 8.4 12.6

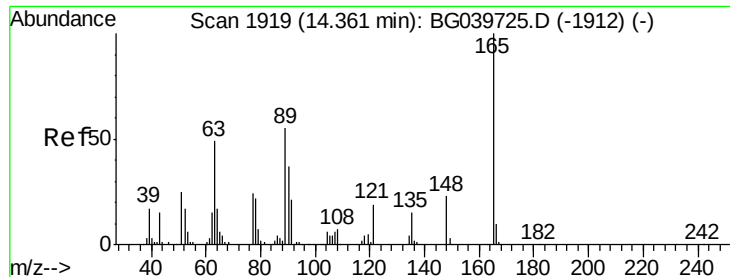


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

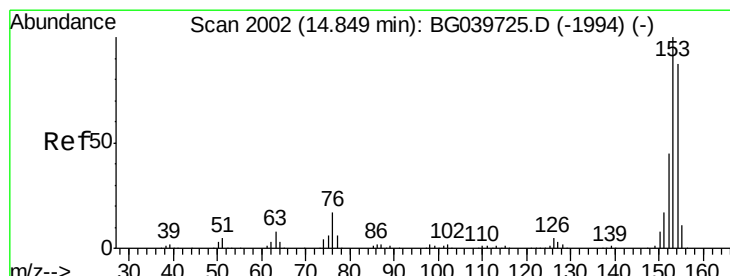
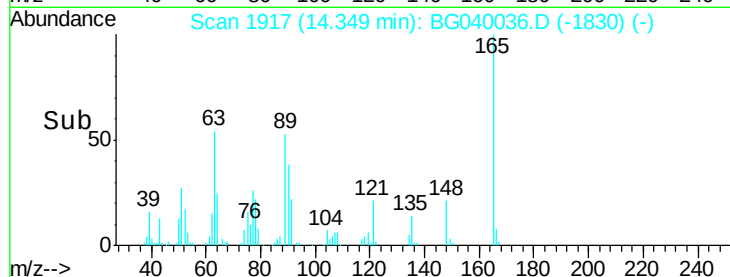
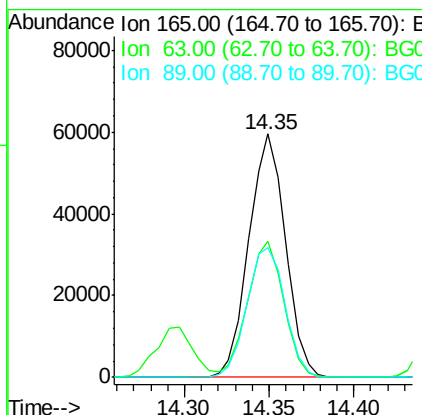
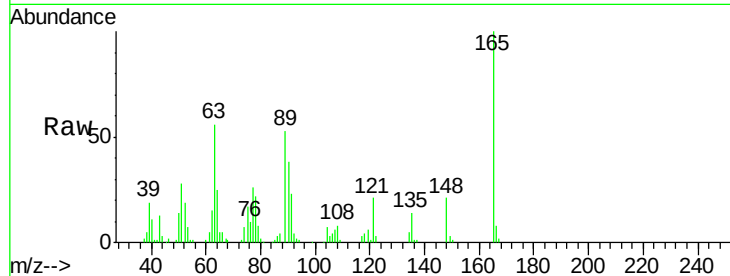




#51  
 2,6-Dinitrotoluene  
 Concen: 42.307 ng  
 RT: 14.35 min Scan# 1917  
 Delta R.T. -0.02 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

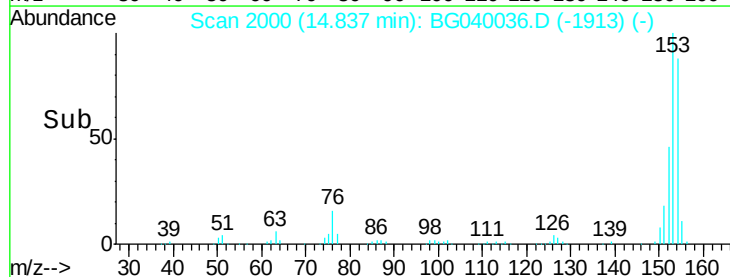
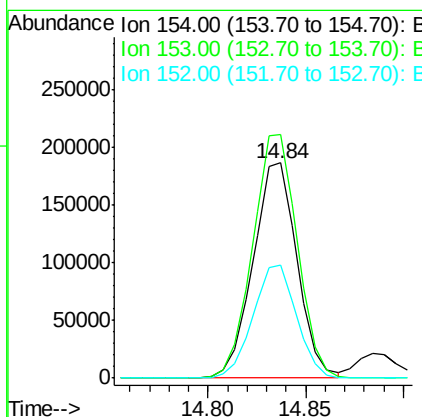
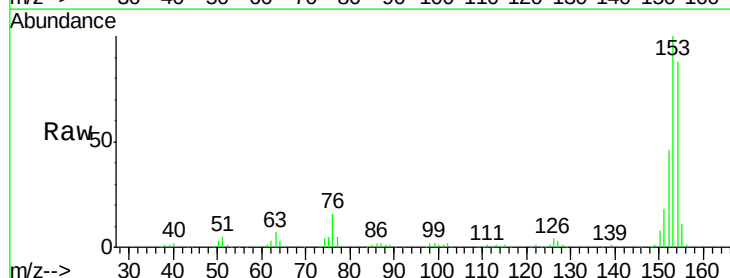
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

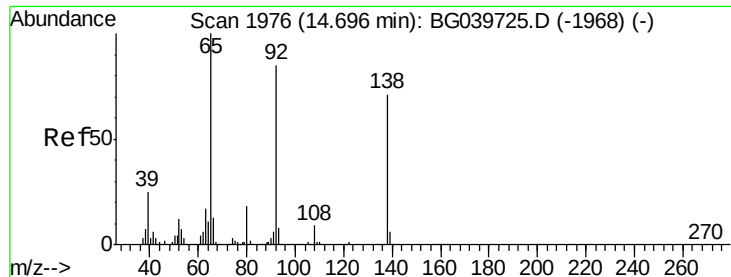
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 55.7  | 47.0  | 70.6  |
| 89      | 53.4  | 45.8  | 68.8  |



#52  
 Acenaphthene  
 Concen: 39.776 ng  
 RT: 14.84 min Scan# 2000  
 Delta R.T. -0.02 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 113.2 | 90.1  | 135.1 |
| 152     | 52.3  | 40.9  | 61.3  |

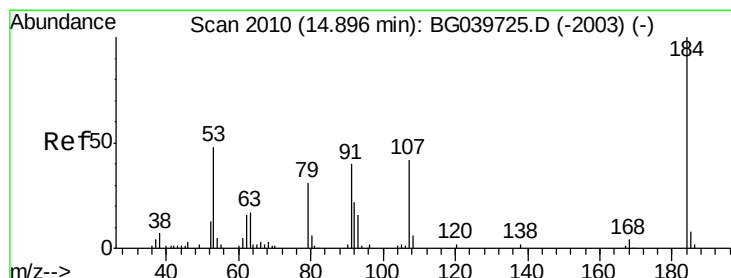
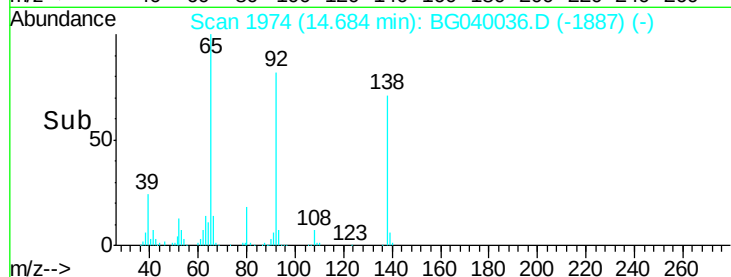
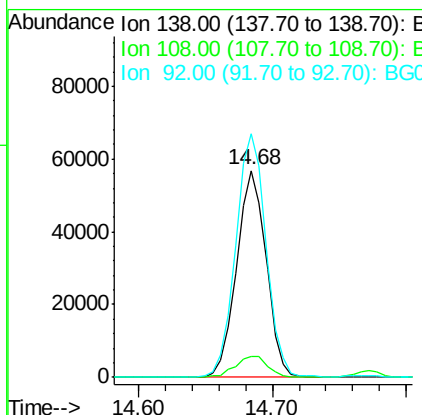
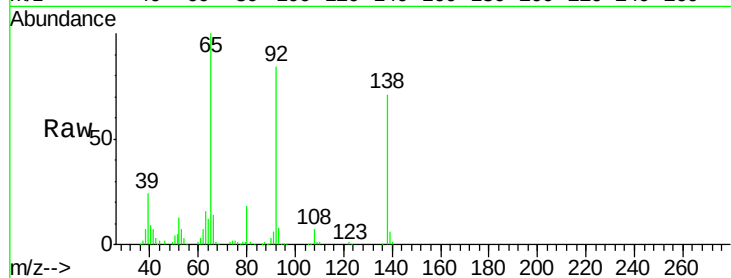




#53  
3-Nitroaniline  
Concen: 40.939 ng  
RT: 14.68 min Scan# 1974  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

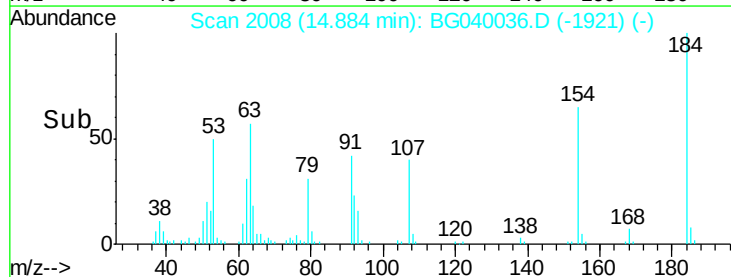
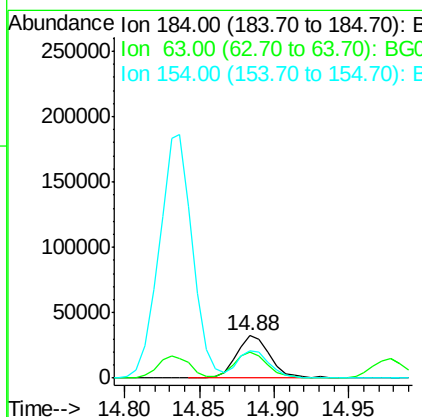
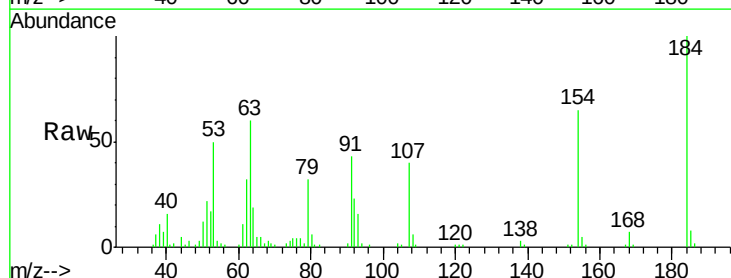
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

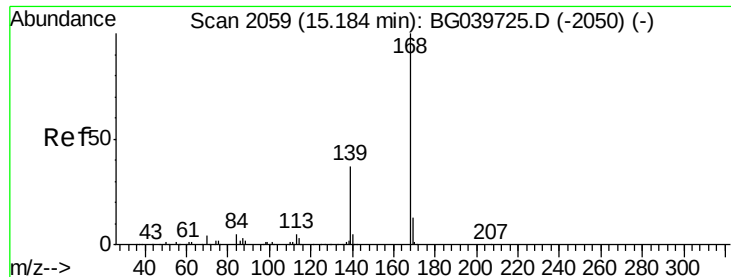
Tgt Ion:138 Resp: 87169  
Ion Ratio Lower Upper  
138 100  
108 10.2 13.8 20.8#  
92 117.6 103.7 155.5



#54  
2,4-Dinitrophenol  
Concen: 40.814 ng  
RT: 14.88 min Scan# 2008  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Tgt Ion:184 Resp: 50839  
Ion Ratio Lower Upper  
184 100  
63 60.2 50.9 76.3  
154 64.9 53.0 79.6





#55

Dibenzenofuran

Concen: 39.456 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

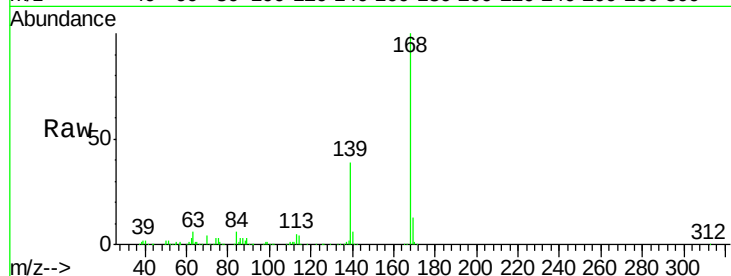
Tgt Ion:168 Resp: 472891

Ion Ratio Lower Upper

168 100

139 38.8 30.1 45.1

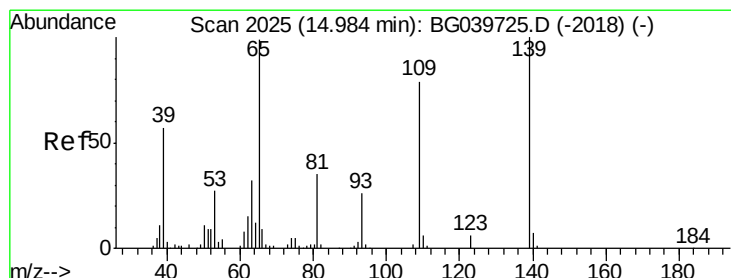
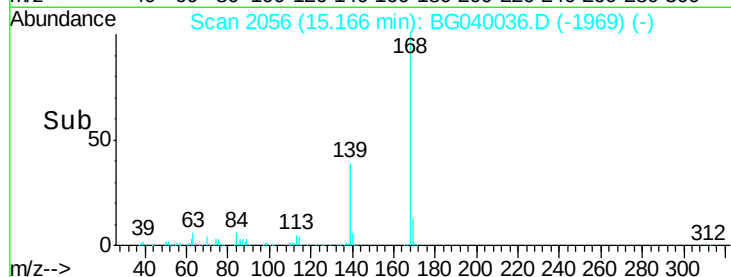
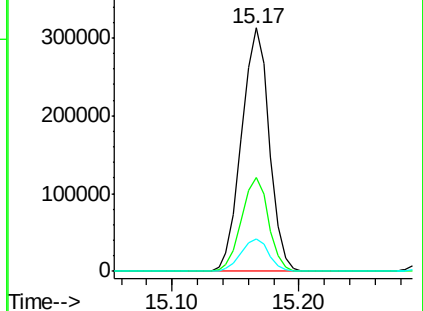
169 13.3 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 37.275 ng

RT: 14.98 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

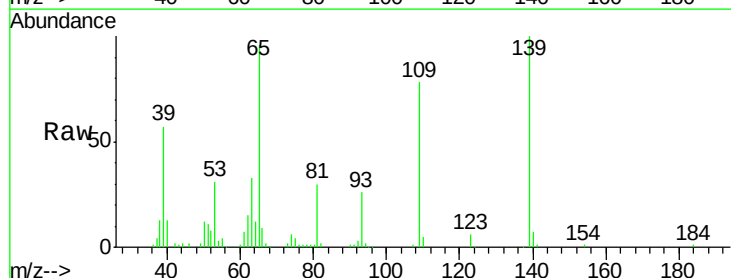
Tgt Ion:139 Resp: 70999

Ion Ratio Lower Upper

139 100

109 78.3 61.9 101.9

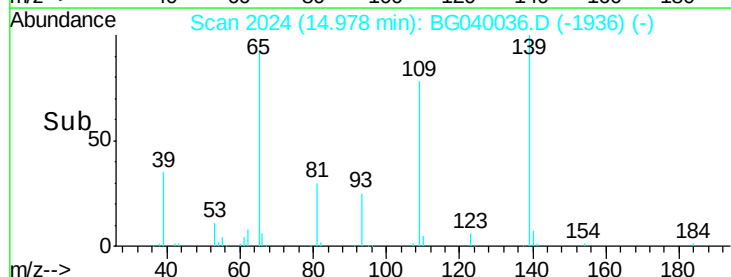
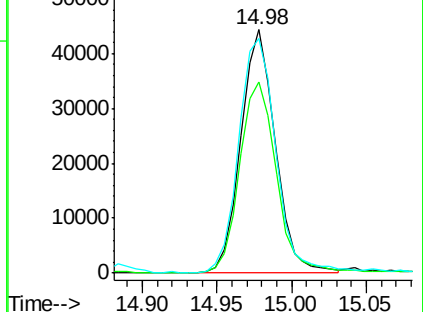
65 96.2 99.1 139.1#



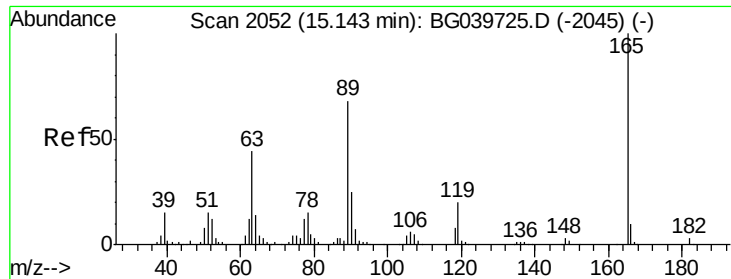
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGO



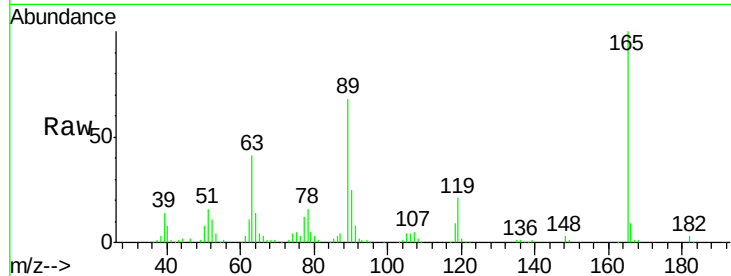




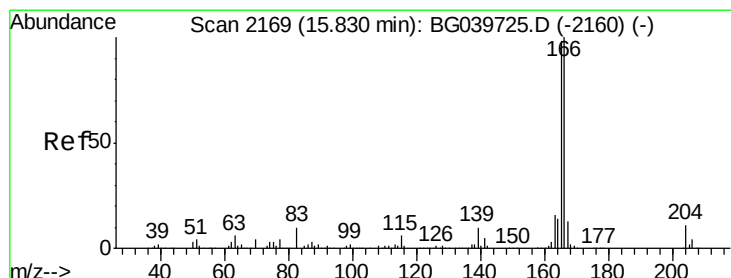
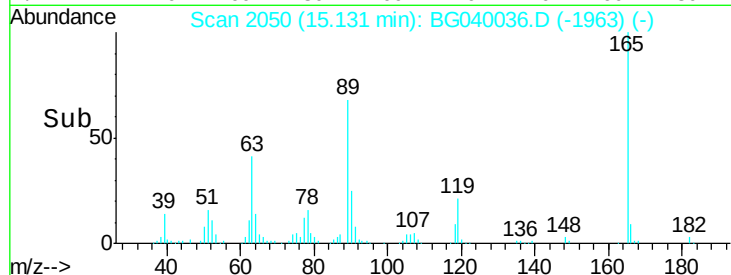
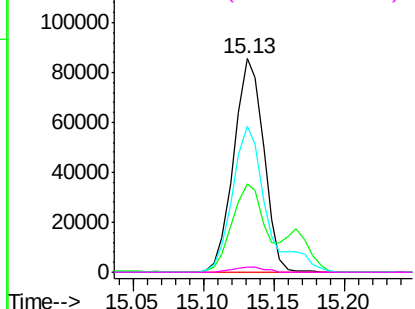
#57  
2,4-Dinitrotoluene  
Concen: 42.677 ng  
RT: 15.13 min Scan# 2050  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 127021 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 41.4  | 41.0  | 61.6   |
| 89       | 68.3  | 64.6  | 96.8   |
| 182      | 2.6   | 2.0   | 3.0    |

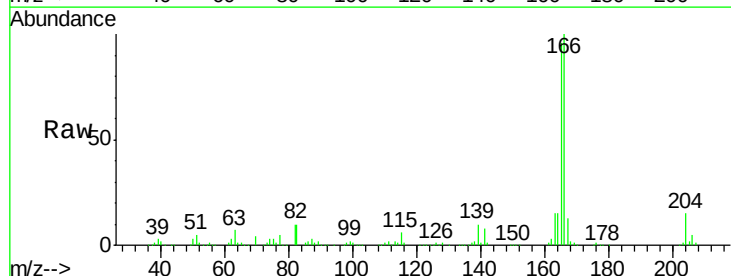


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

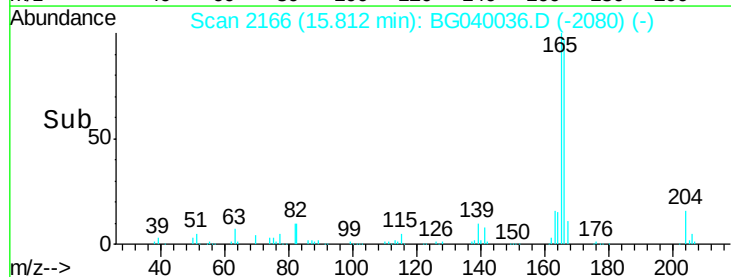
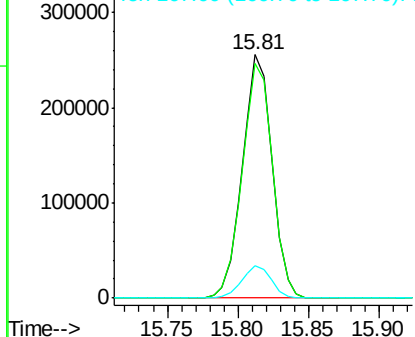


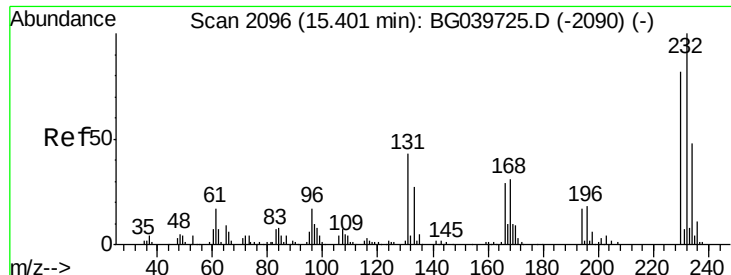
#58  
Fluorene  
Concen: 39.971 ng  
RT: 15.81 min Scan# 2166  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 376607 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 96.5  | 77.9  | 116.9  |
| 167      | 13.1  | 10.8  | 16.2   |



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

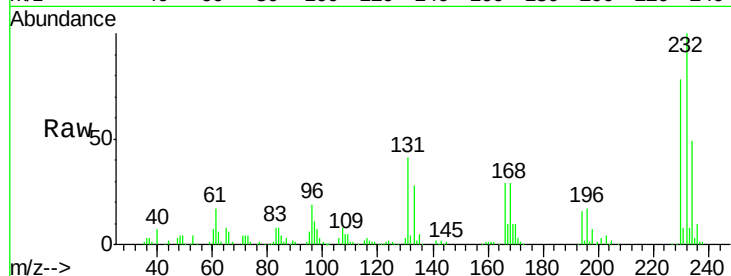




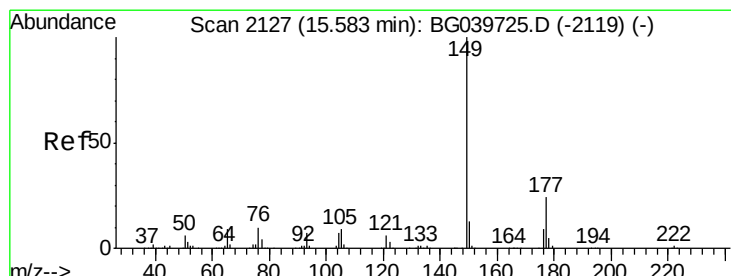
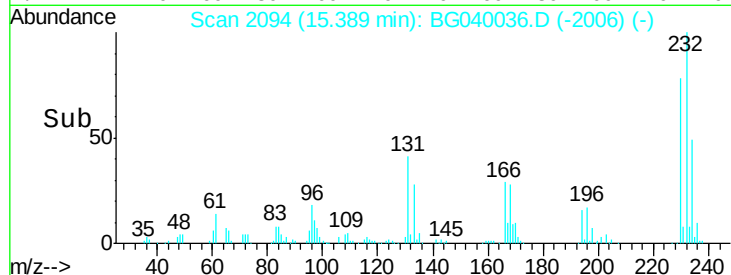
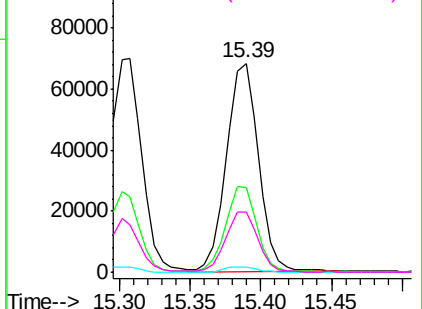
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 41.369 ng  
RT: 15.39 min Scan# 2094  
Delta R.T. -0.01 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Instrument :  
BNA\_G  
ClientSampled :  
SSTDCCC040

Tgt Ion:232 Resp: 107928  
Ion Ratio Lower Upper  
232 100  
131 40.3 34.9 52.3  
130 2.4 2.0 3.0  
166 29.4 24.1 36.1

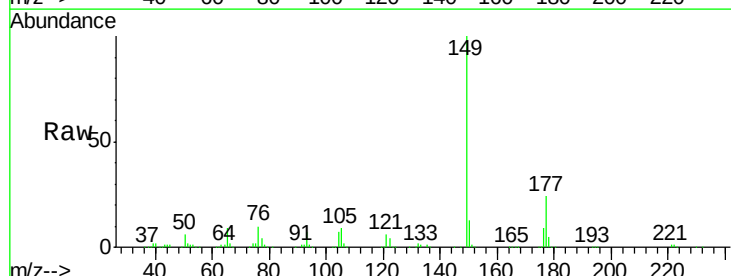


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

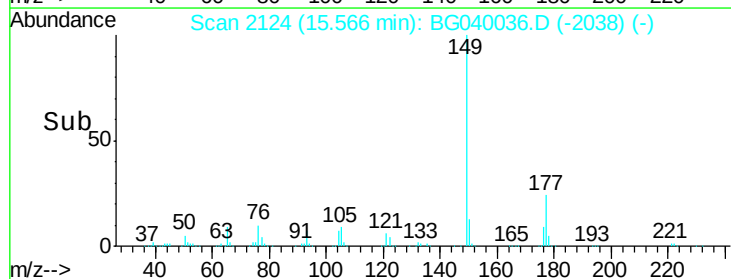
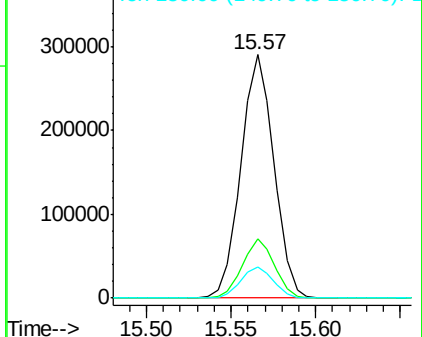


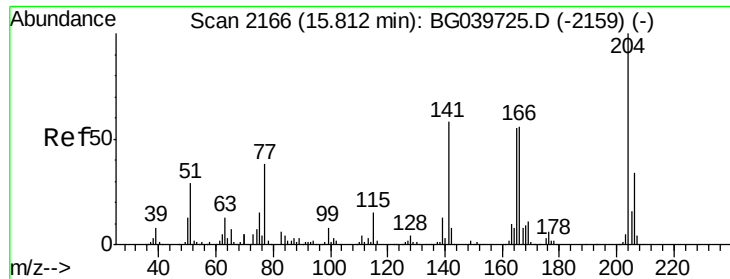
#60  
Diethylphthalate  
Concen: 39.870 ng  
RT: 15.57 min Scan# 2124  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Tgt Ion:149 Resp: 394356  
Ion Ratio Lower Upper  
149 100  
177 24.1 18.3 27.5  
150 12.7 10.2 15.2



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

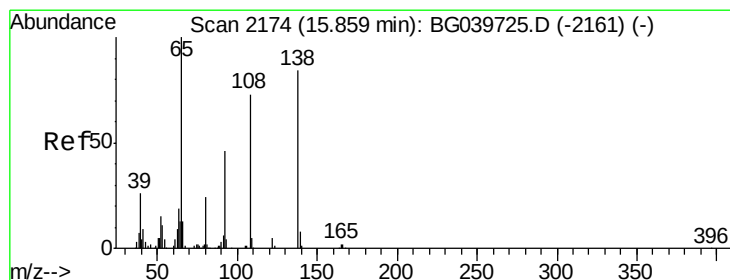
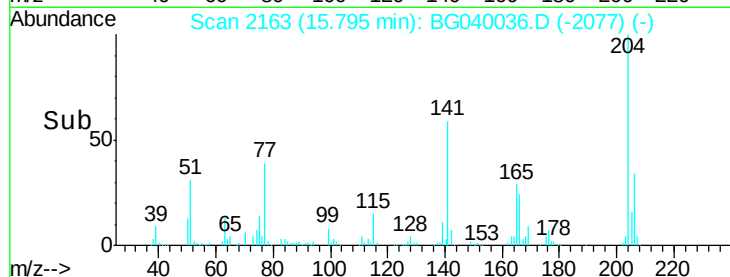
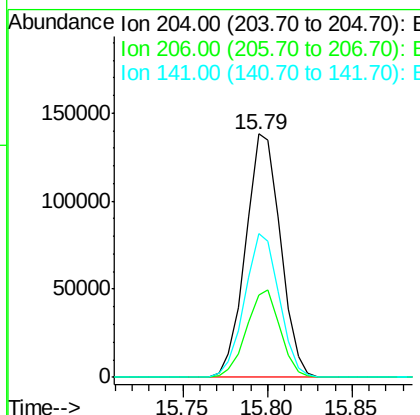
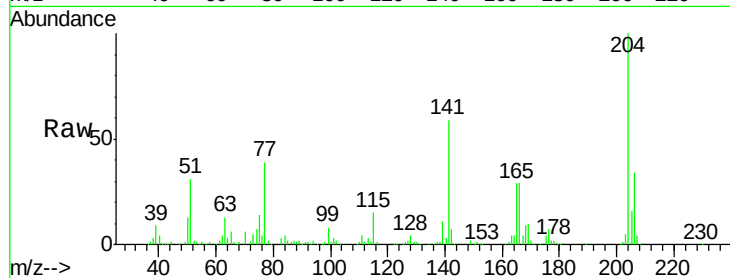




#61  
4-Chlorophenyl-phenylether  
Concen: 39.521 ng  
RT: 15.79 min Scan# 2163  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

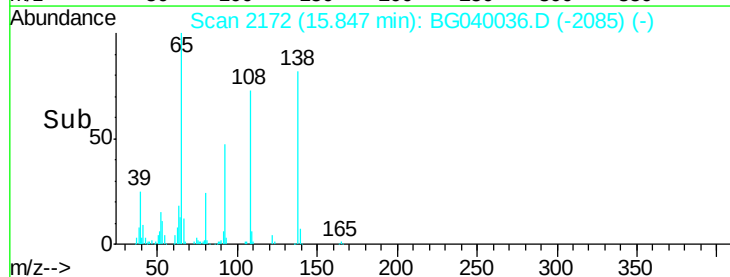
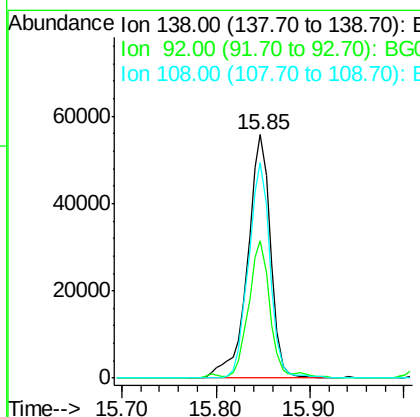
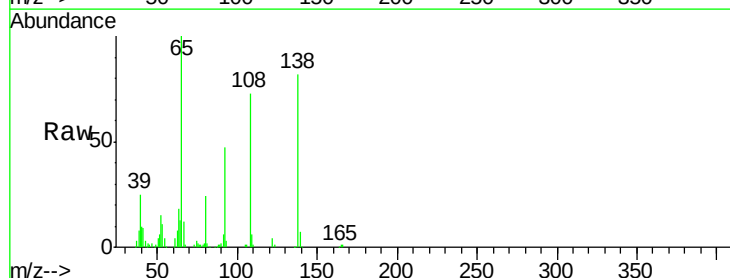
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

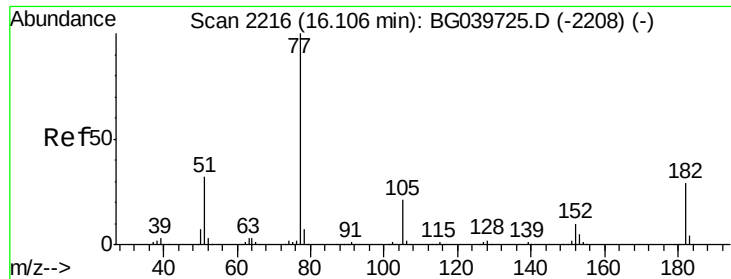
Tgt Ion: 204 Resp: 198709  
Ion Ratio Lower Upper  
204 100  
206 33.6 29.2 43.8  
141 59.0 49.0 73.4



#62  
4-Nitroaniline  
Concen: 40.777 ng  
RT: 15.85 min Scan# 2172  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Tgt Ion: 138 Resp: 94128  
Ion Ratio Lower Upper  
138 100  
92 56.6 38.7 78.7  
108 88.4 74.6 114.6





#63

Azobenzene

Concen: 40.250 ng

RT: 16.09 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 360887

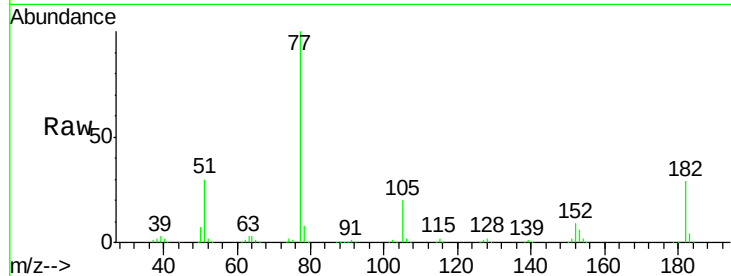
Ion Ratio Lower Upper

77 100

182 28.6 6.4 46.4

105 20.1 0.0 39.8

51 30.4 14.1 54.1

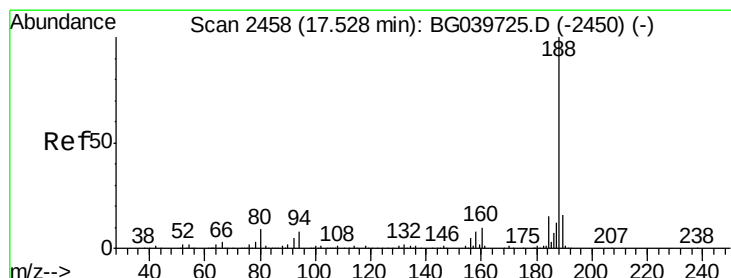
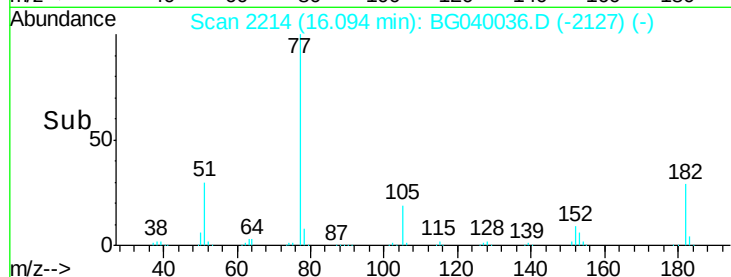
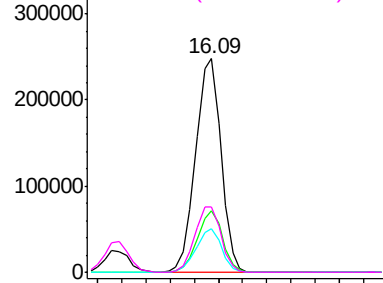


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

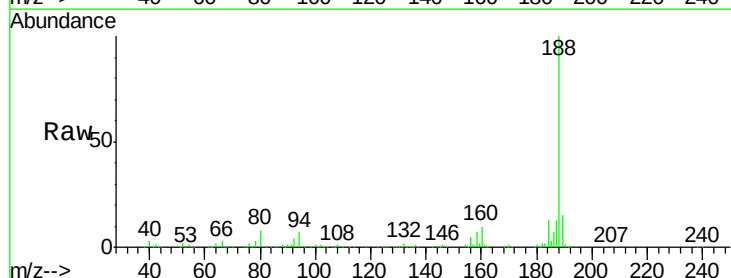
Tgt Ion: 188 Resp: 285487

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

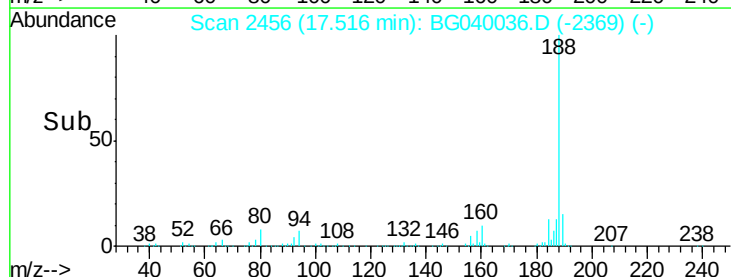
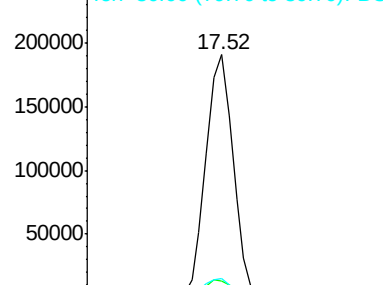
80 8.3 8.1 12.1

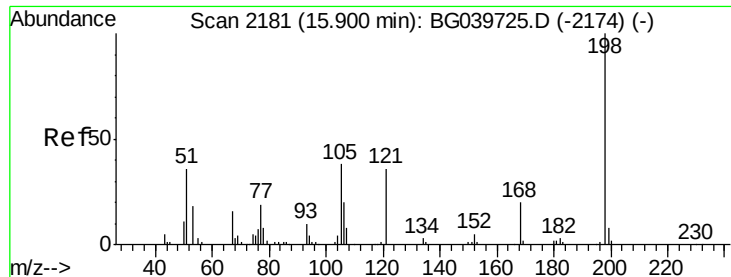


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 42.299 ng

RT: 15.89 min Scan# 2179

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

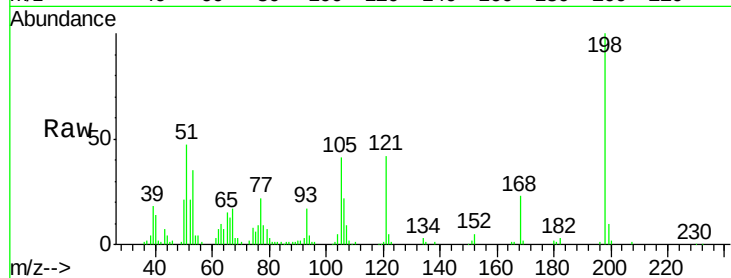
Tgt Ion:198 Resp: 71400

Ion Ratio Lower Upper

198 100

51 46.7 27.4 67.4

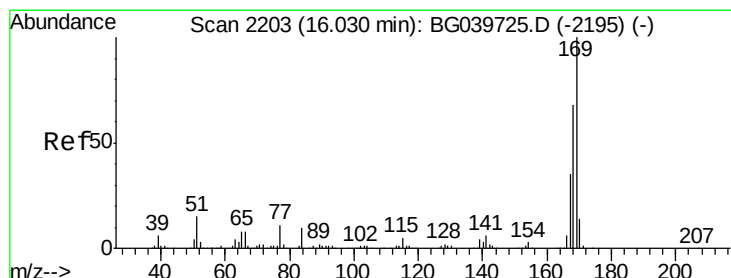
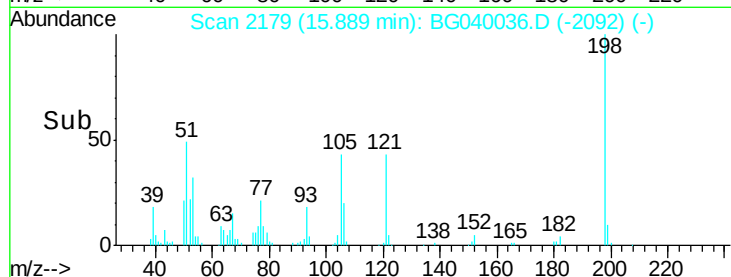
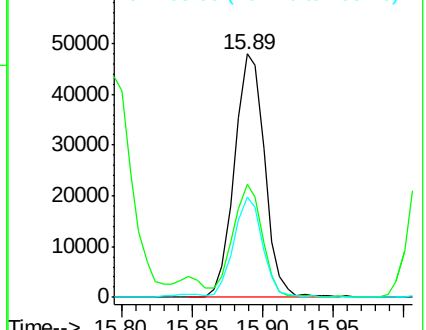
105 41.1 19.7 59.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.924 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

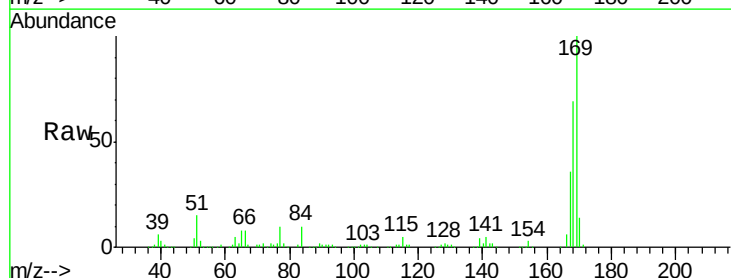
Tgt Ion:169 Resp: 338235

Ion Ratio Lower Upper

169 100

168 69.0 56.6 85.0

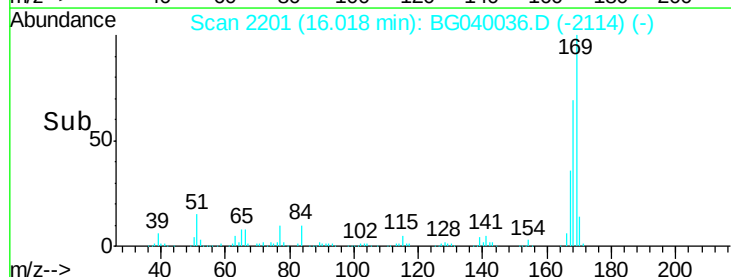
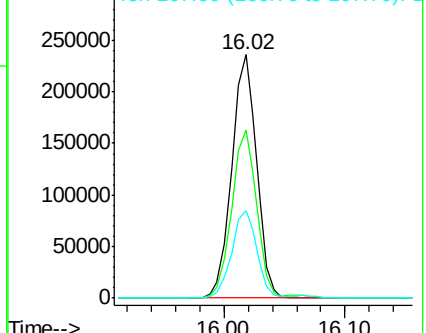
167 36.1 28.8 43.2

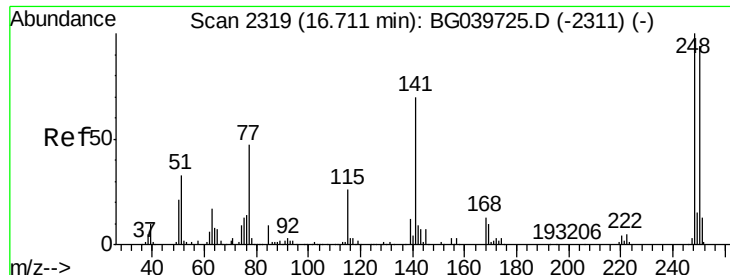


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

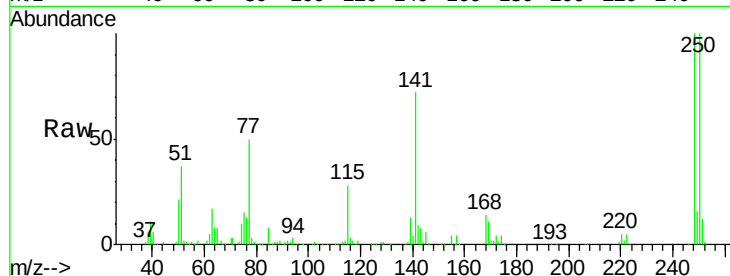




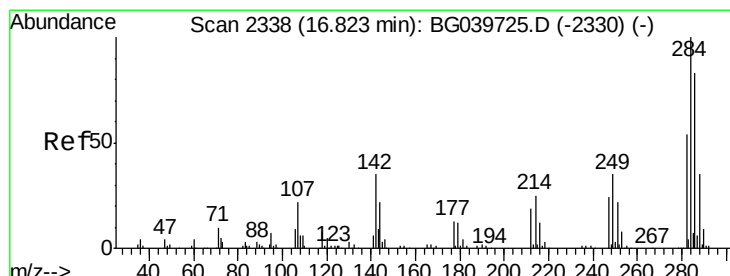
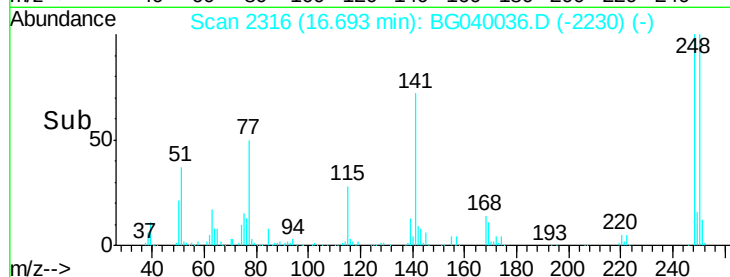
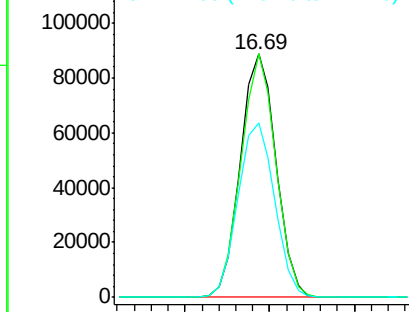
#67  
4-Bromophenyl-phenylether  
Concen: 40.801 ng  
RT: 16.69 min Scan# 2316  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:248 Resp: 130381  
Ion Ratio Lower Upper  
248 100  
250 100.0 77.6 116.4  
141 71.9 63.9 95.9

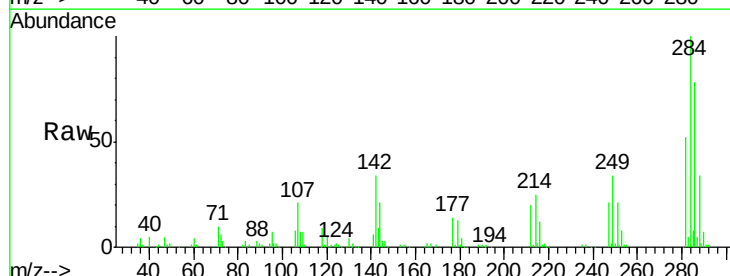


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

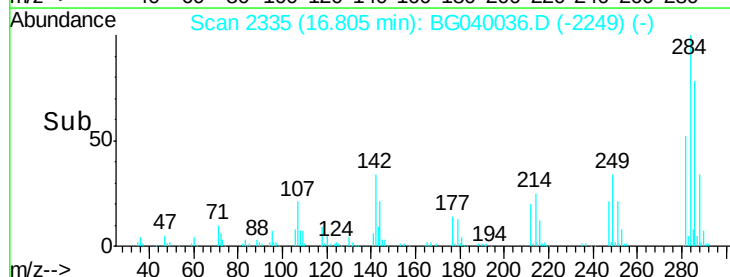
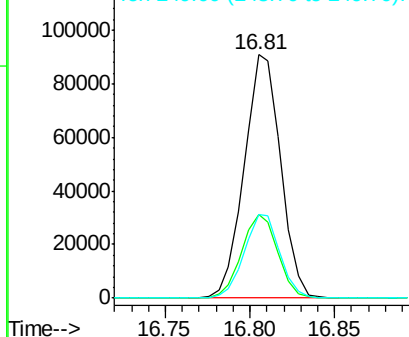


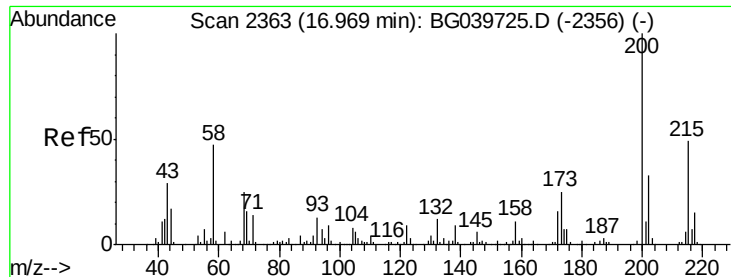
#68  
Hexachlorobenzene  
Concen: 41.046 ng  
RT: 16.81 min Scan# 2335  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Tgt Ion:284 Resp: 135960  
Ion Ratio Lower Upper  
284 100  
142 34.3 30.6 45.8  
249 34.4 28.2 42.2



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





#69

Atrazine

Concen: 38.690 ng

RT: 16.95 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

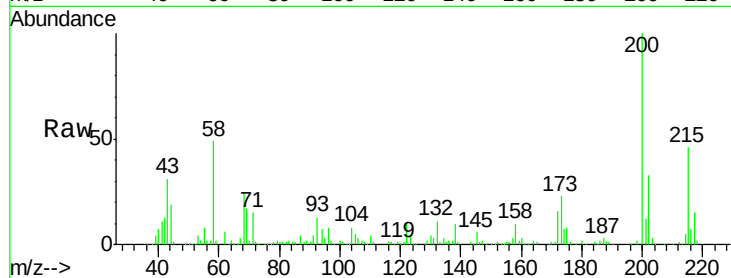
Tgt Ion:200 Resp: 125849

Ion Ratio Lower Upper

200 100

173 22.7 3.9 43.9

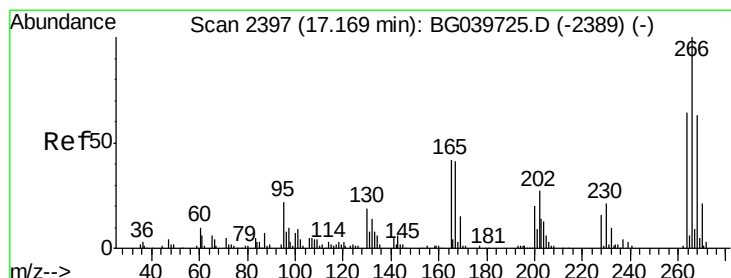
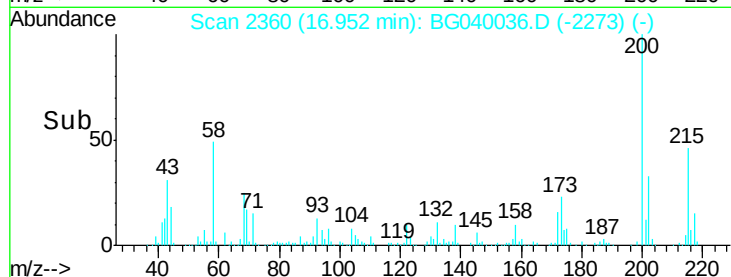
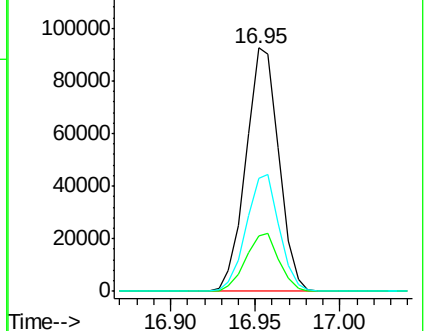
215 46.4 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.216 ng

RT: 17.16 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

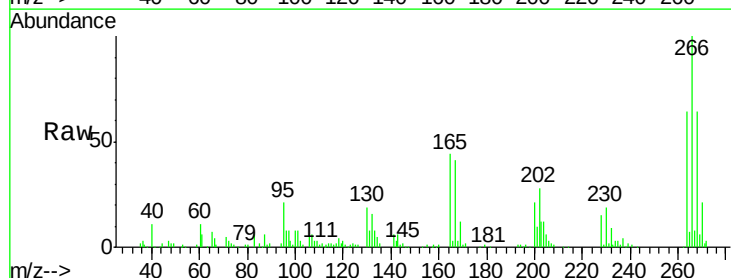
Tgt Ion:266 Resp: 82039

Ion Ratio Lower Upper

266 100

268 64.5 51.1 76.7

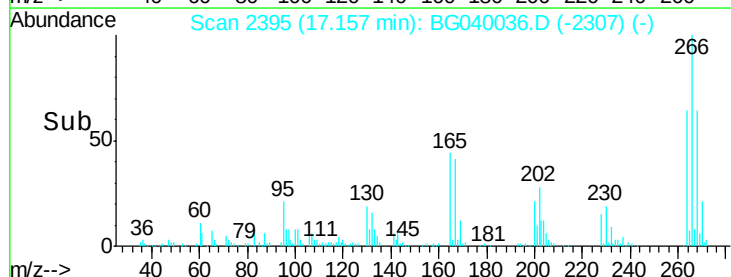
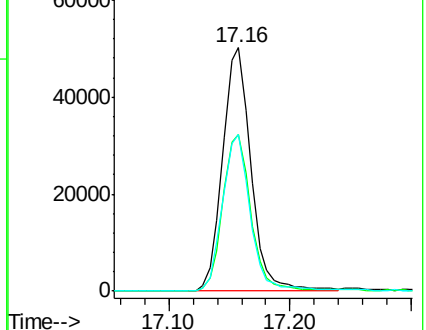
264 64.5 52.1 78.1

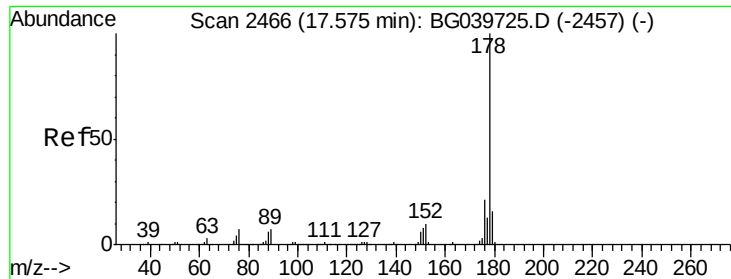


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

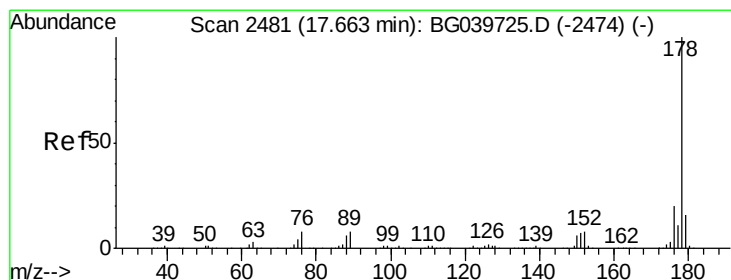
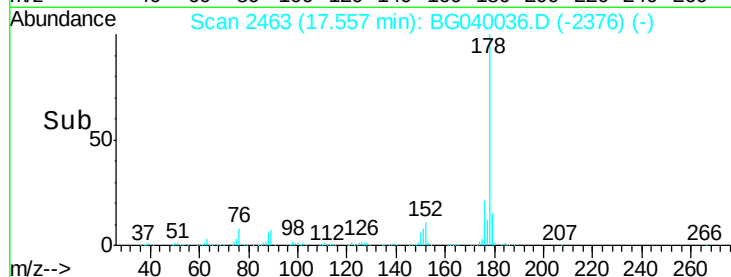
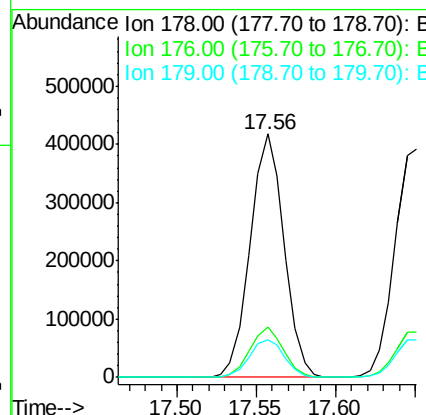
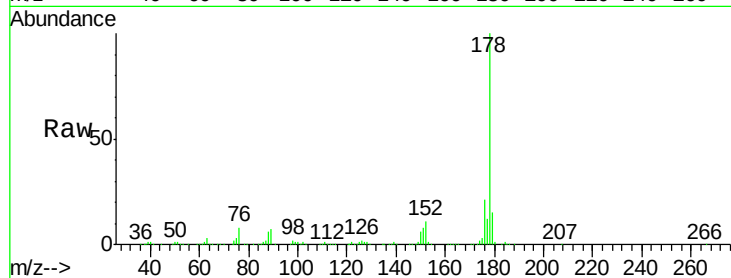




#71  
Phenanthrene  
Concen: 39.340 ng  
RT: 17.56 min Scan# 2463  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

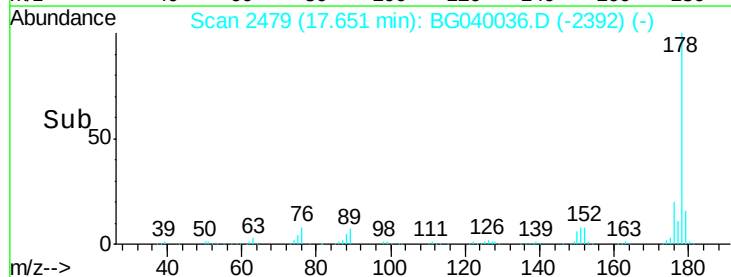
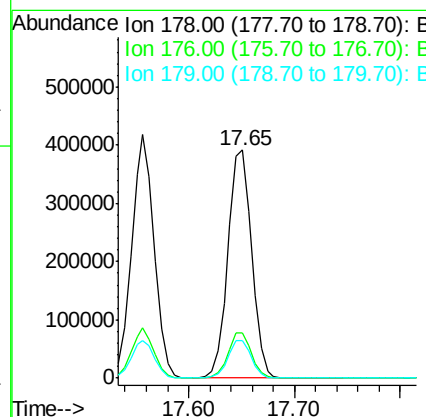
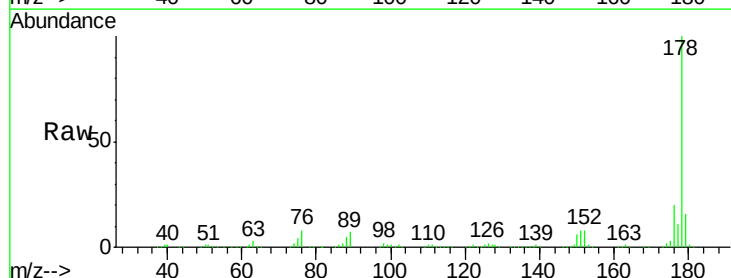
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:178 Resp: 618625  
Ion Ratio Lower Upper  
178 100  
176 20.7 16.2 24.4  
179 15.5 12.6 19.0

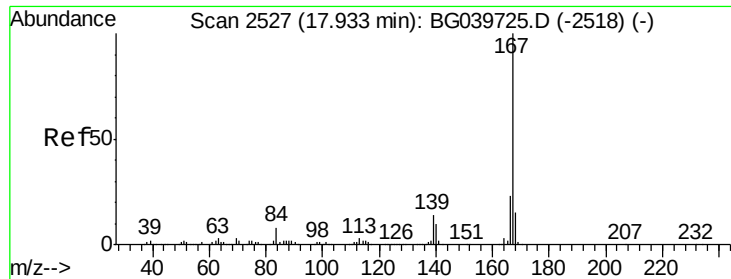


#72  
Anthracene  
Concen: 39.833 ng  
RT: 17.65 min Scan# 2479  
Delta R.T. -0.02 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Tgt Ion:178 Resp: 610390  
Ion Ratio Lower Upper  
178 100  
176 19.8 15.8 23.6  
179 16.4 12.5 18.7



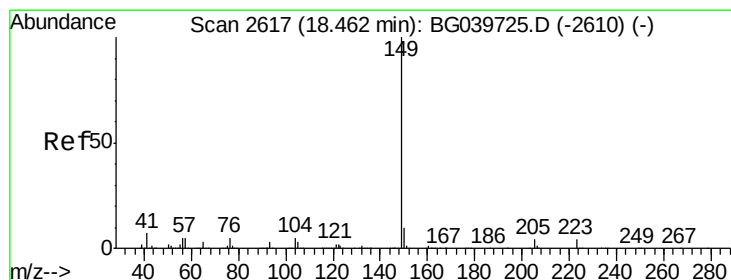
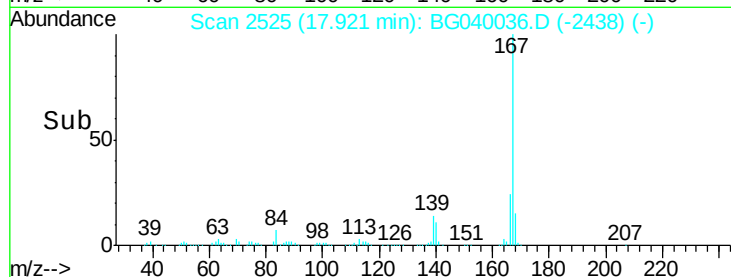
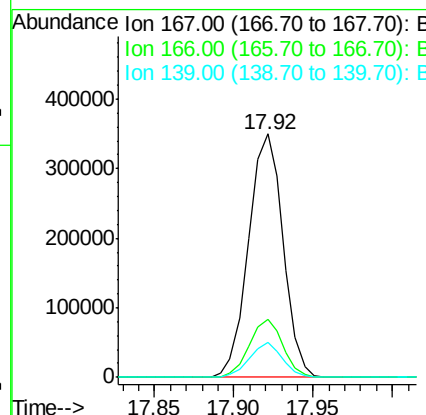
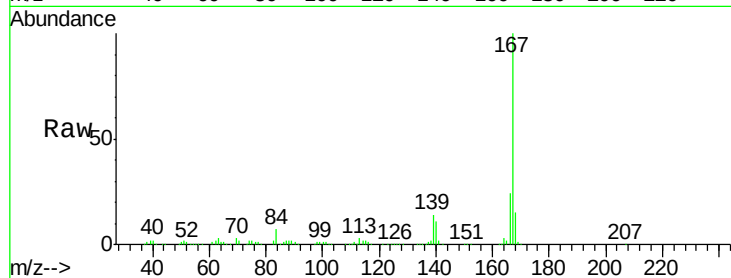




#73  
 Carbazole  
 Concen: 38.336 ng  
 RT: 17.92 min Scan# 2525  
 Delta R.T. -0.02 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

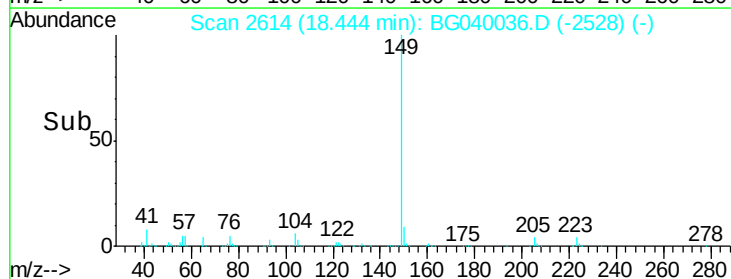
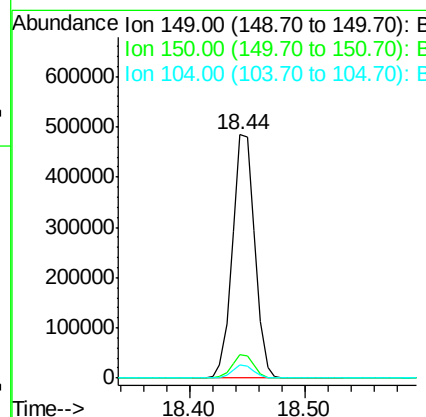
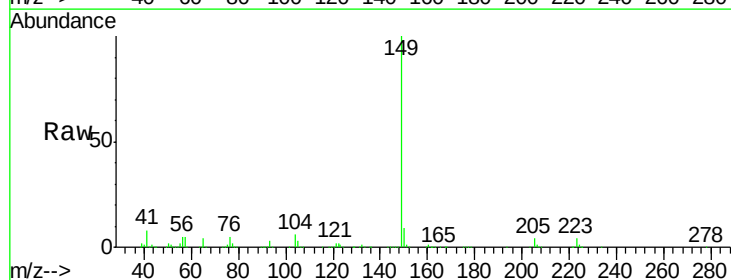
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

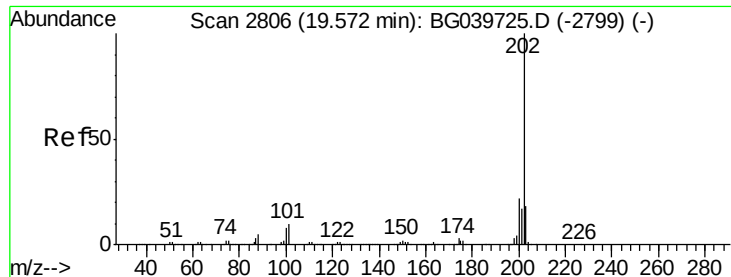
Tgt Ion:167 Resp: 529601  
 Ion Ratio Lower Upper  
 167 100  
 166 23.6 19.4 29.2  
 139 14.1 10.8 16.2



#74  
 Di-n-butylphthalate  
 Concen: 39.754 ng  
 RT: 18.44 min Scan# 2614  
 Delta R.T. -0.02 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

Tgt Ion:149 Resp: 646148  
 Ion Ratio Lower Upper  
 149 100  
 150 9.4 7.7 11.5  
 104 5.6 4.5 6.7





#75

Fluoranthene

Concen: 38.261 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

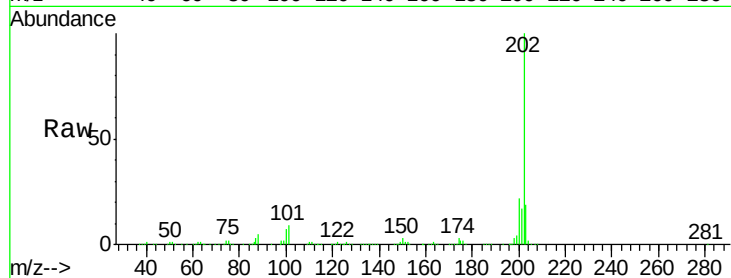
Tgt Ion:202 Resp: 711038

Ion Ratio Lower Upper

202 100

101 9.2 0.0 30.0

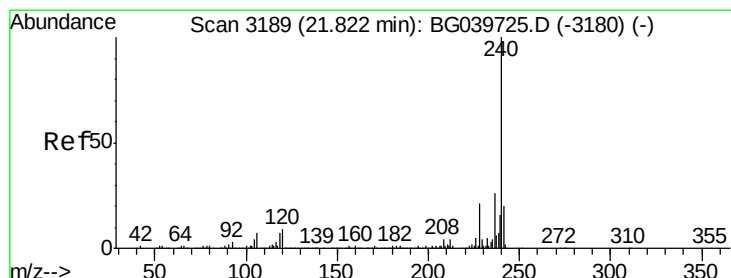
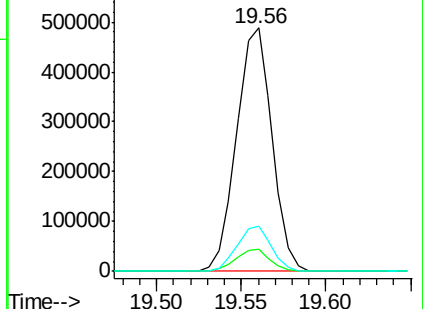
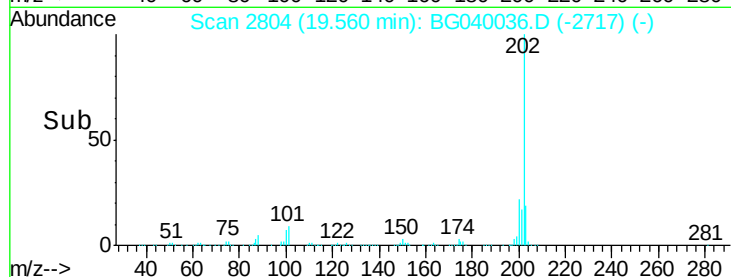
203 18.6 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.80 min Scan# 3186

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

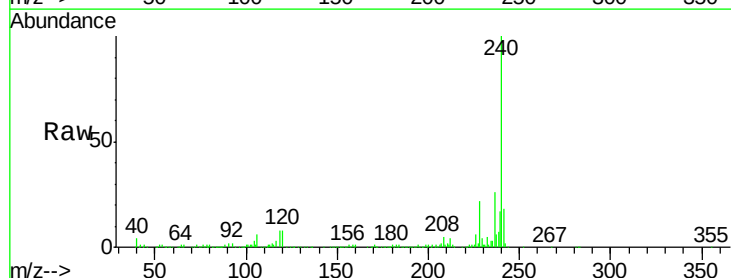
Tgt Ion:240 Resp: 267775

Ion Ratio Lower Upper

240 100

120 7.6 7.0 10.6

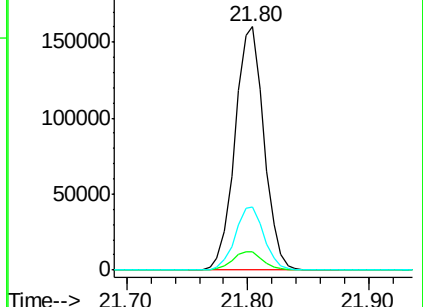
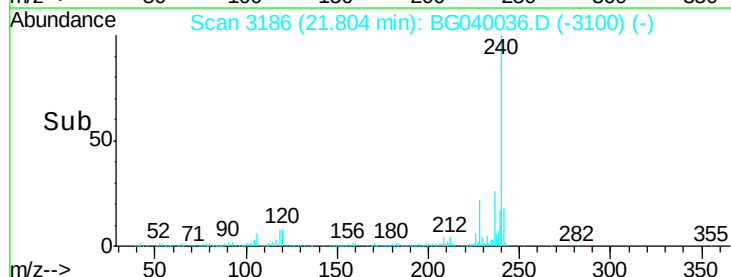
236 25.8 21.0 31.4

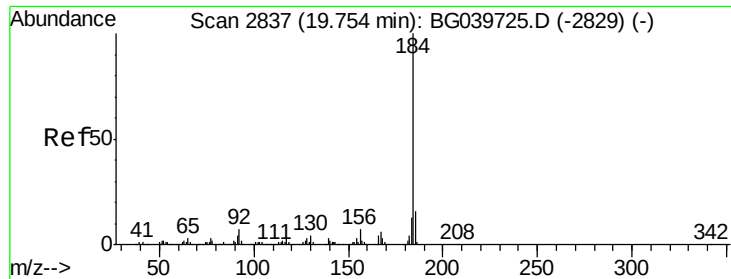


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.056 ng

RT: 19.74 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

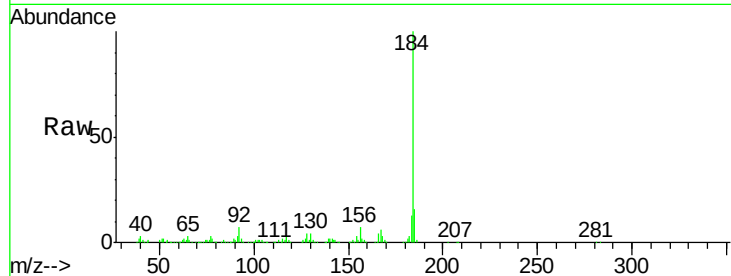
Tgt Ion:184 Resp: 272393

Ion Ratio Lower Upper

184 100

185 15.8 12.2 18.2

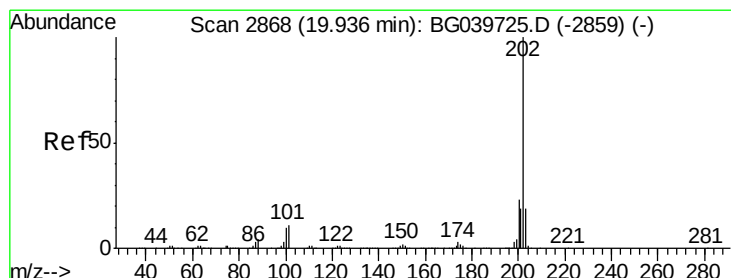
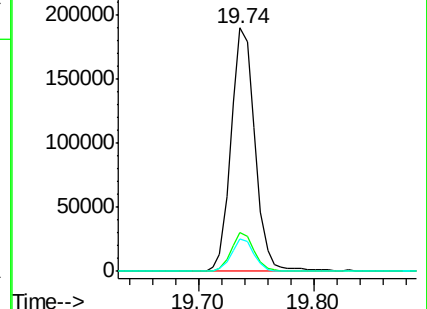
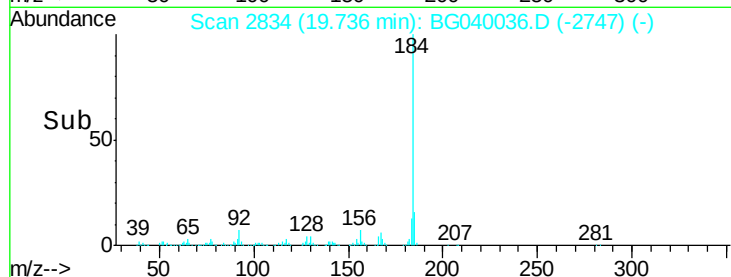
183 13.3 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.712 ng

RT: 19.92 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

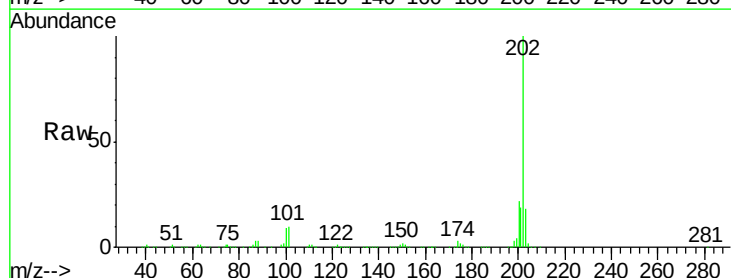
Tgt Ion:202 Resp: 708400

Ion Ratio Lower Upper

202 100

200 22.5 17.8 26.8

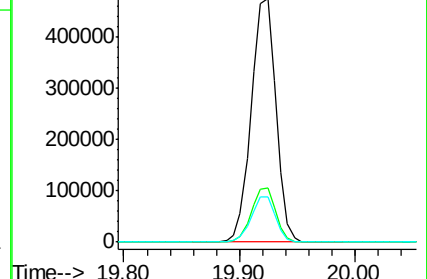
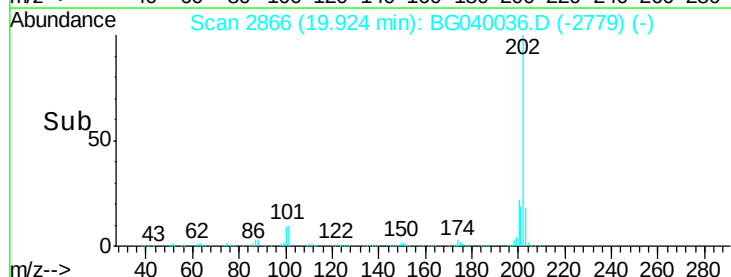
203 18.5 15.3 22.9

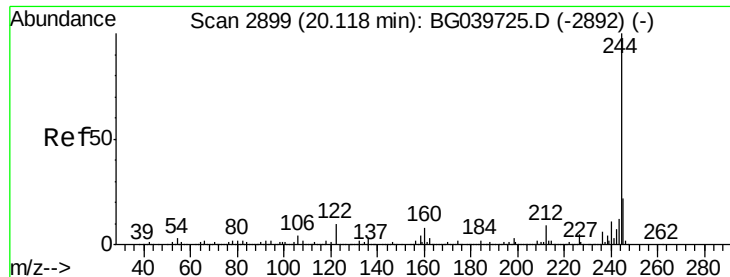


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 80.896 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

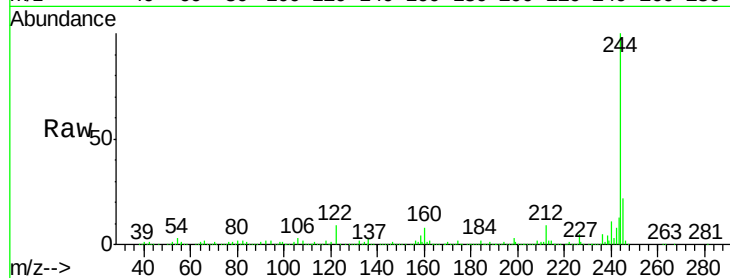
Tgt Ion:244 Resp: 983823

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

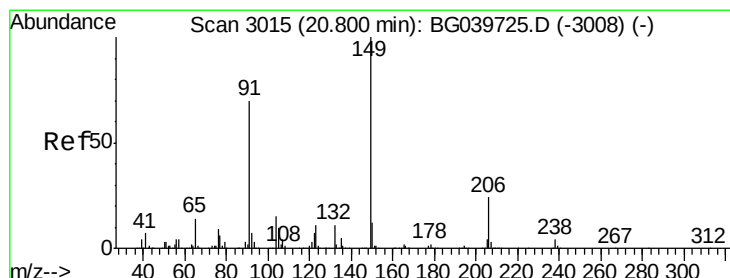
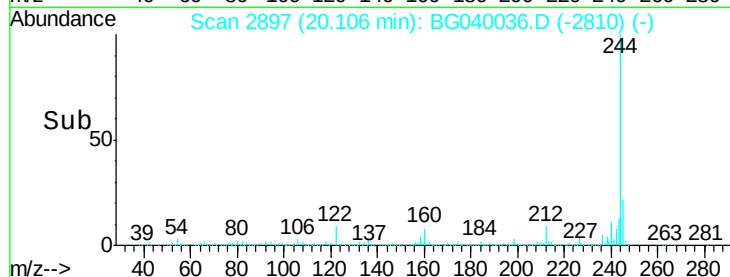
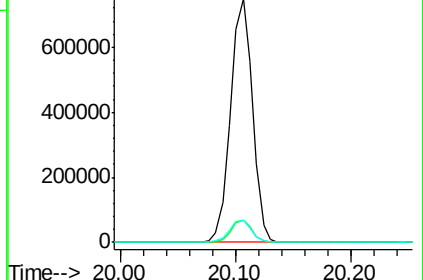
122 9.0 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.524 ng

RT: 20.78 min Scan# 3012

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

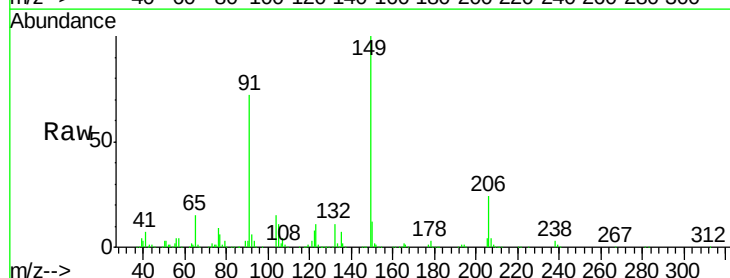
Tgt Ion:149 Resp: 279925

Ion Ratio Lower Upper

149 100

91 71.8 59.5 89.3

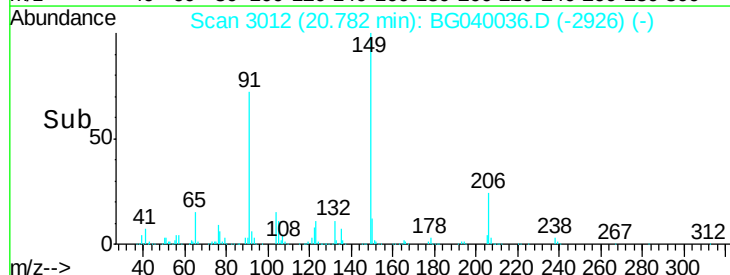
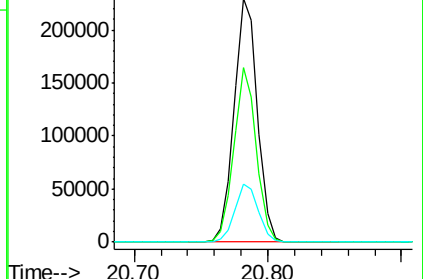
206 23.7 18.6 27.8

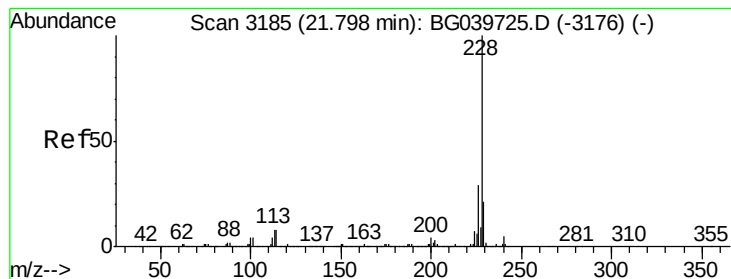


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.215 ng

RT: 21.78 min Scan# 3182

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

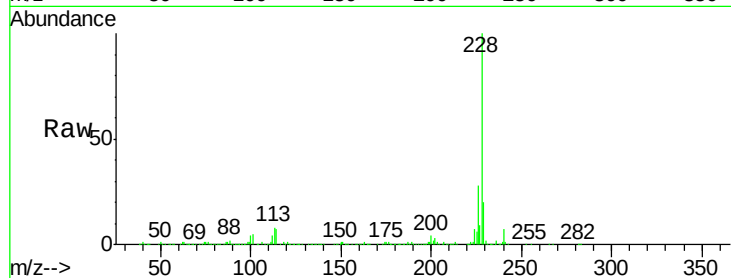
Tgt Ion: 228 Resp: 658122

Ion Ratio Lower Upper

228 100

226 28.4 23.0 34.6

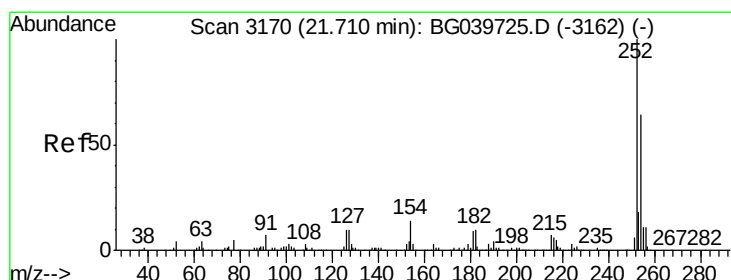
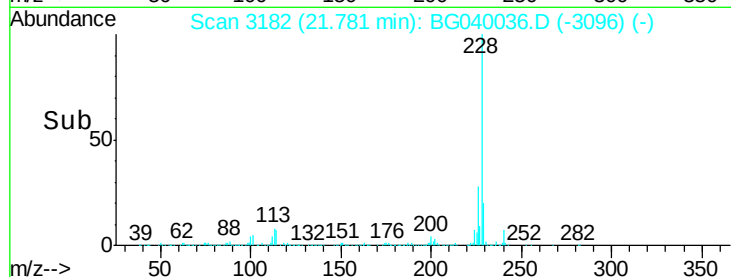
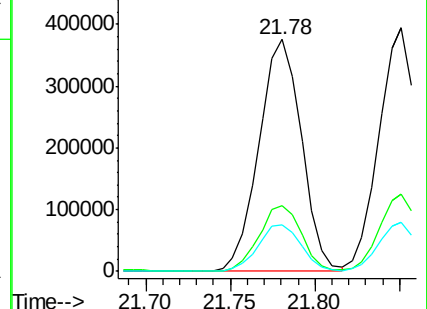
229 20.3 16.9 25.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.177 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

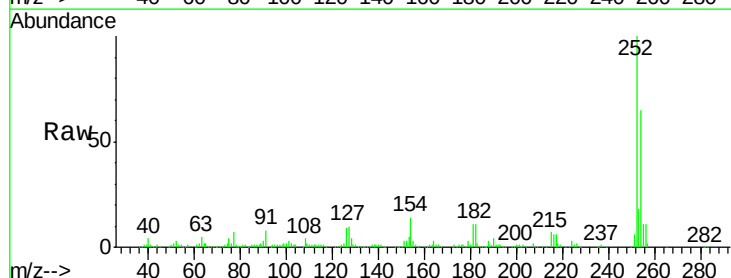
Tgt Ion: 252 Resp: 233913

Ion Ratio Lower Upper

252 100

254 64.6 51.3 76.9

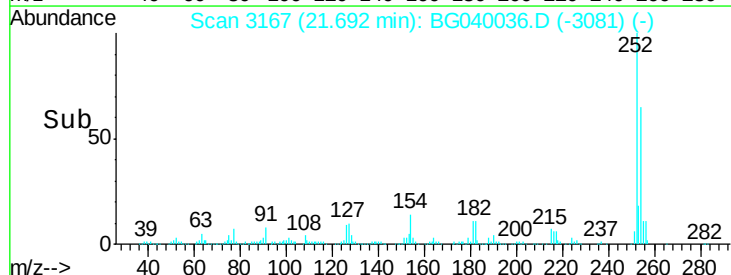
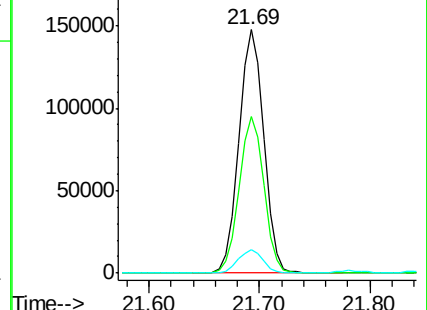
126 9.4 8.0 12.0

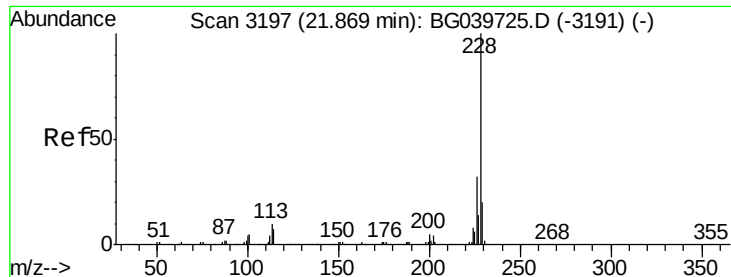


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.761 ng

RT: 21.85 min Scan# 3194

Delta R.T. -0.02 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

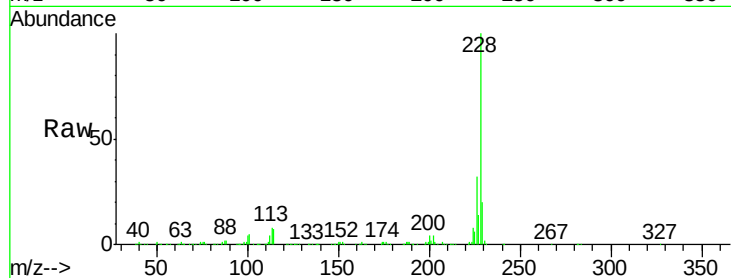
Tgt Ion:228 Resp: 630638

Ion Ratio Lower Upper

228 100

226 31.8 25.8 38.6

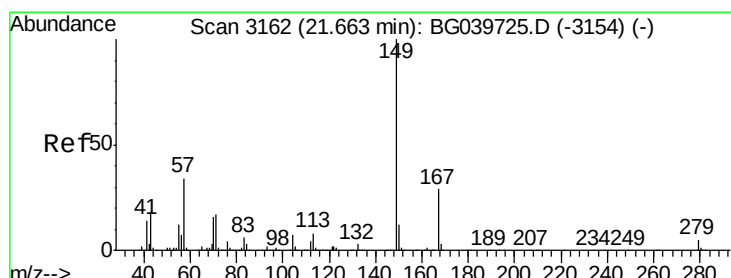
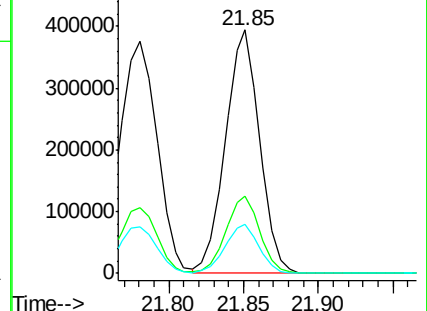
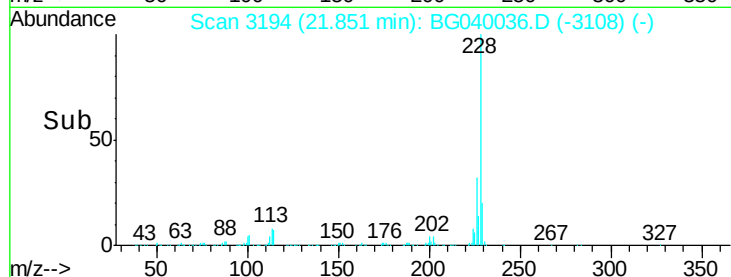
229 20.4 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.046 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.03 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

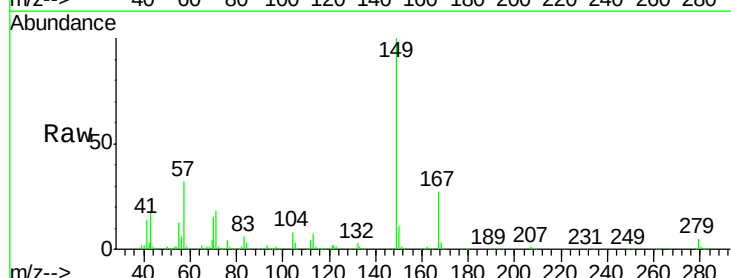
Tgt Ion:149 Resp: 398305

Ion Ratio Lower Upper

149 100

167 27.0 22.6 34.0

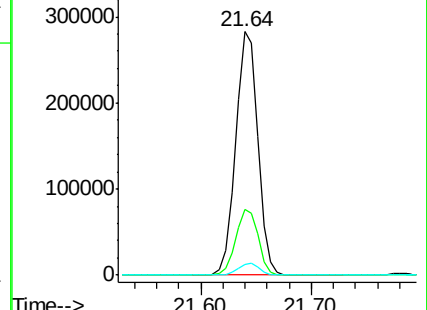
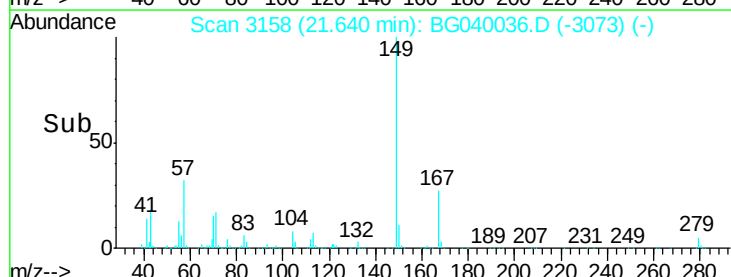
279 4.5 3.5 5.3

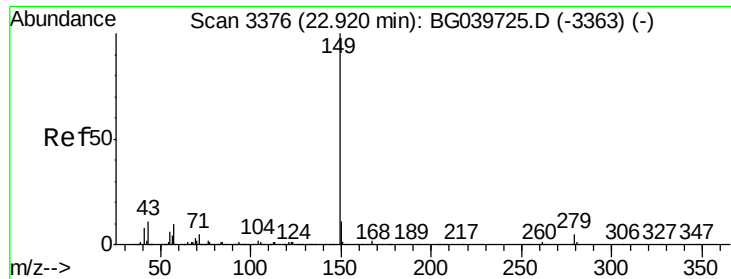


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

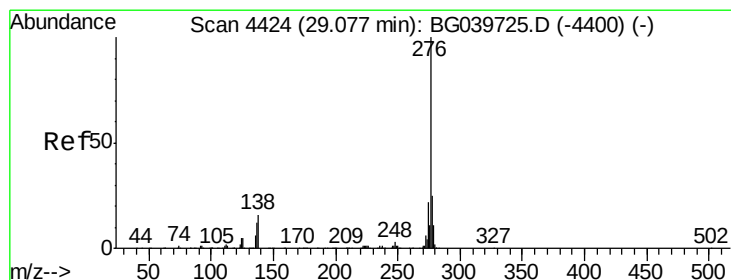
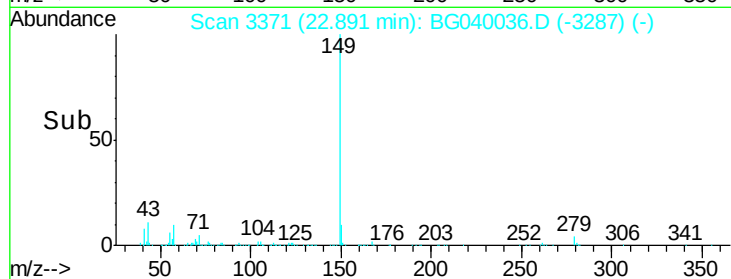
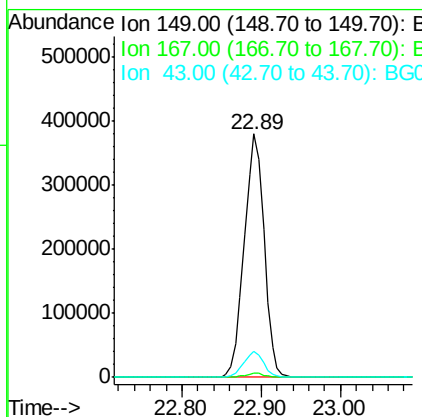
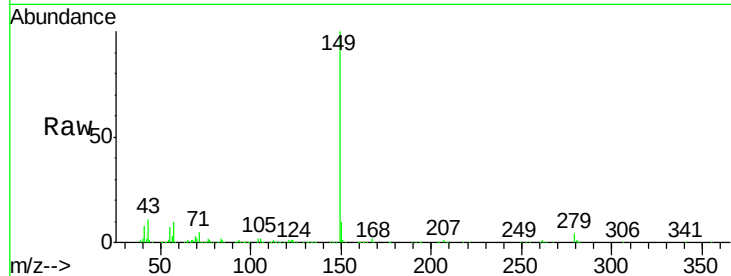




#85  
 Di-n-octyl phthalate  
 Concen: 42.224 ng  
 RT: 22.89 min Scan# 3371  
 Delta R.T. -0.04 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

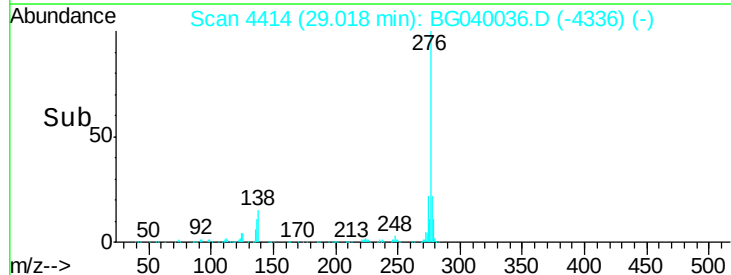
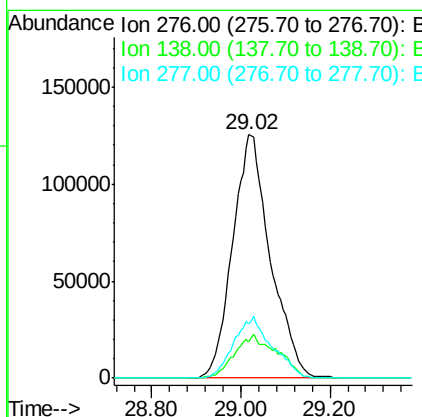
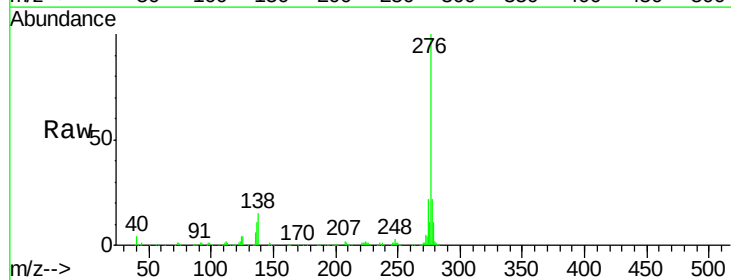
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

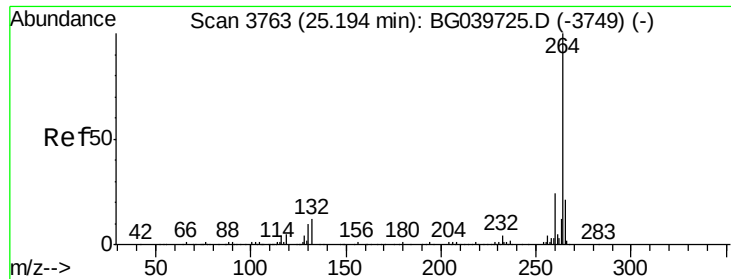
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 10.6  | 10.2  | 15.4  |



#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 39.916 ng  
 RT: 29.02 min Scan# 4414  
 Delta R.T. -0.07 min  
 Lab File: BG040036.D  
 Acq: 20 Mar 2019 15:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 20.1  | 12.6  | 19.0# |
| 277     | 25.7  | 20.8  | 31.2  |

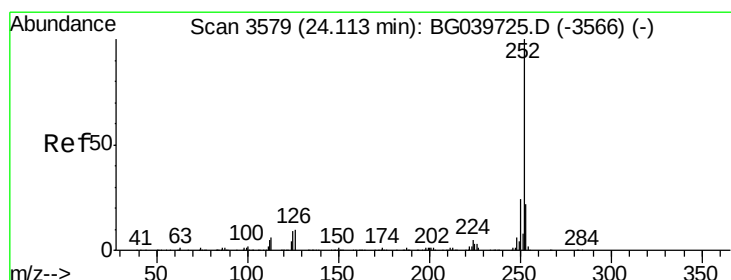
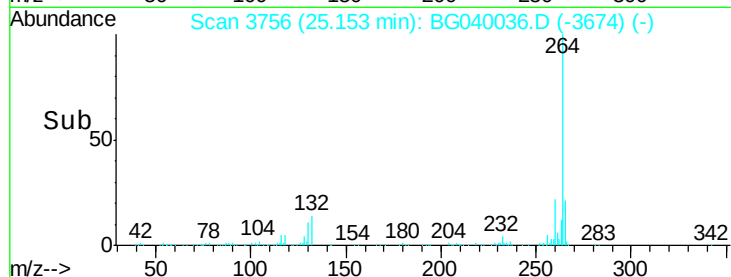
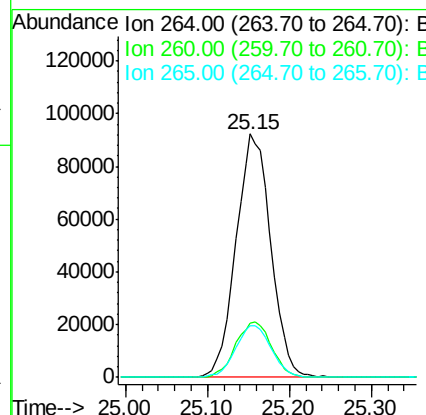
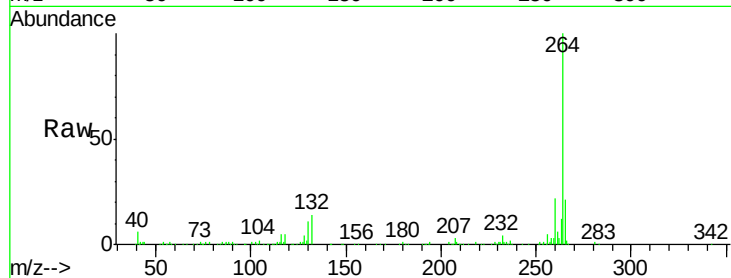




#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.15 min Scan# 3756  
Delta R.T. -0.05 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

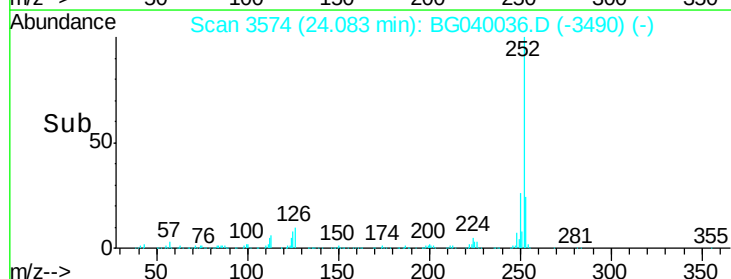
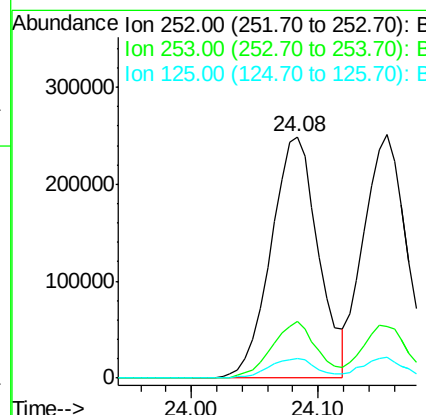
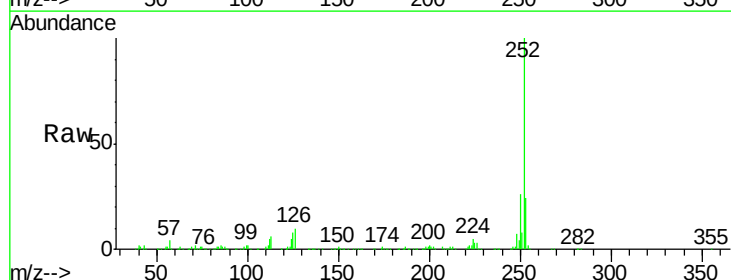
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:264 Resp: 272197  
Ion Ratio Lower Upper  
264 100  
260 22.4 18.2 27.4  
265 21.2 18.5 27.7

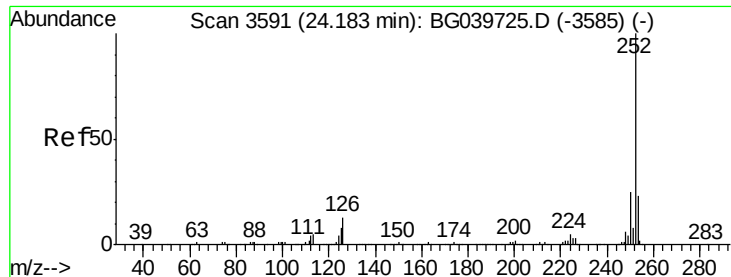


#88  
Benzo(b)fluoranthene  
Concen: 39.831 ng  
RT: 24.08 min Scan# 3574  
Delta R.T. -0.04 min  
Lab File: BG040036.D  
Acq: 20 Mar 2019 15:03

Tgt Ion:252 Resp: 646515  
Ion Ratio Lower Upper  
252 100  
253 23.6 17.8 26.8  
125 8.1 7.8 11.6







#89

Benzo(k)fluoranthene

Concen: 39.011 ng

RT: 24.15 min Scan# 3586

Delta R.T. -0.04 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

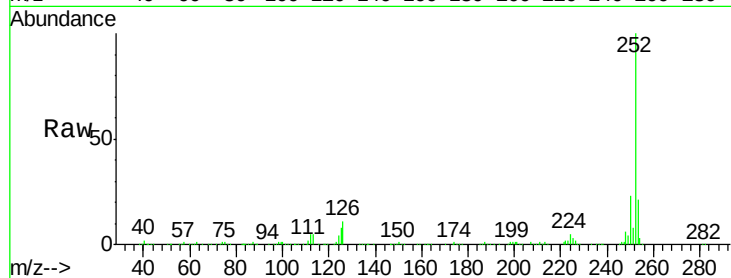
Tgt Ion:252 Resp: 589428

Ion Ratio Lower Upper

252 100

253 21.1 18.2 27.2

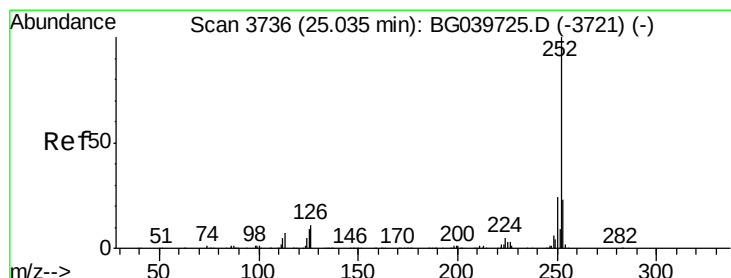
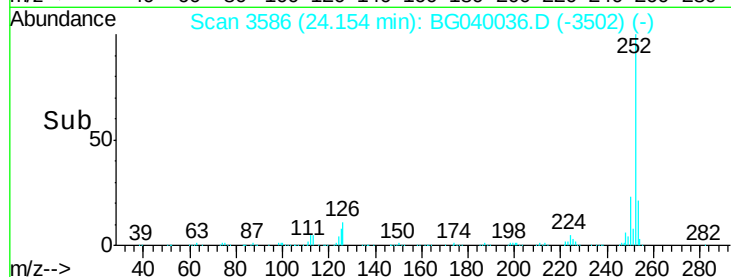
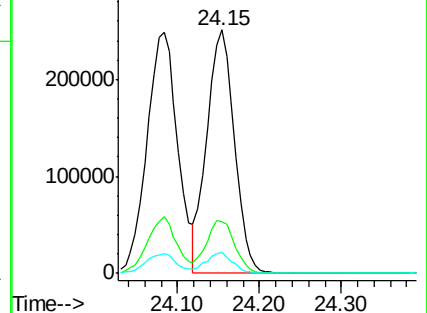
125 8.3 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.343 ng

RT: 25.00 min Scan# 3730

Delta R.T. -0.04 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

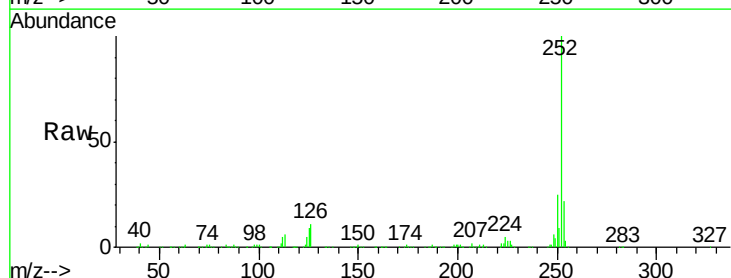
Tgt Ion:252 Resp: 605101

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

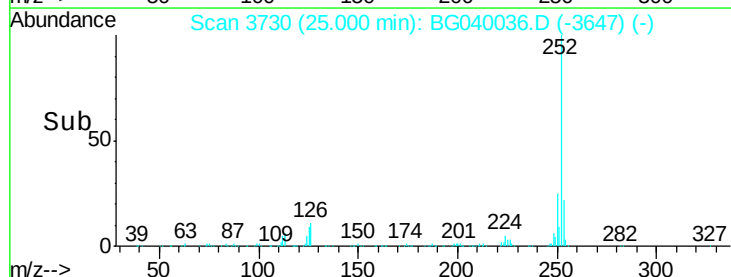
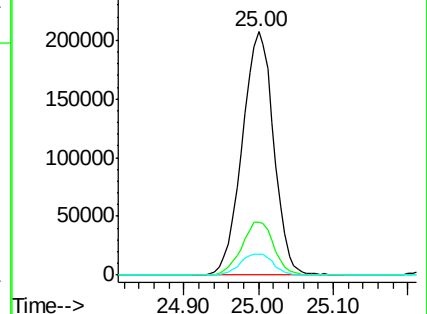
125 8.7 8.3 12.5

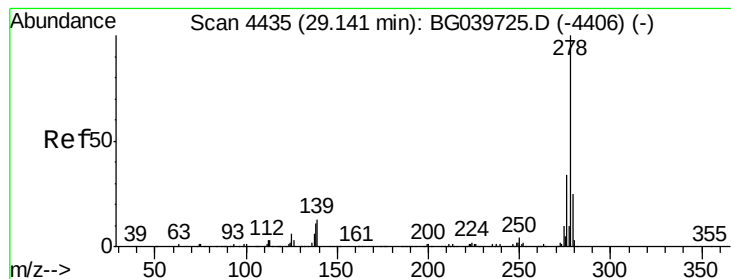


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.453 ng

RT: 29.09 min Scan# 4426

Delta R.T. -0.07 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

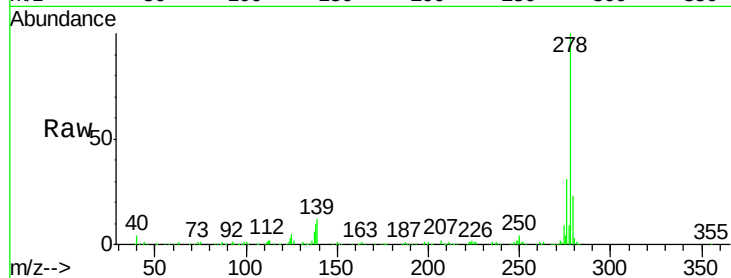
Tgt Ion:278 Resp: 580130

Ion Ratio Lower Upper

278 100

139 12.2 11.7 17.5

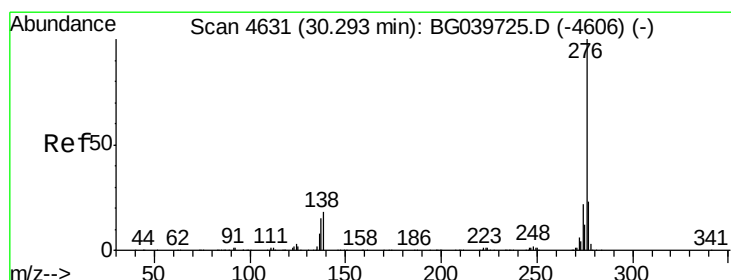
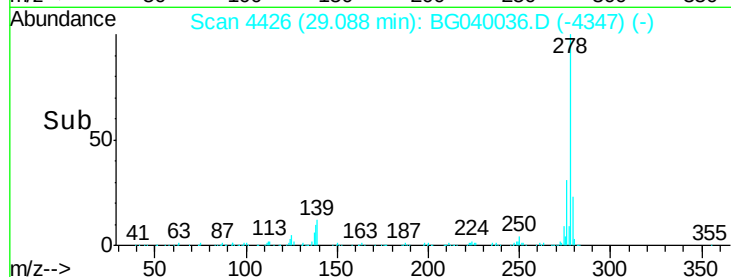
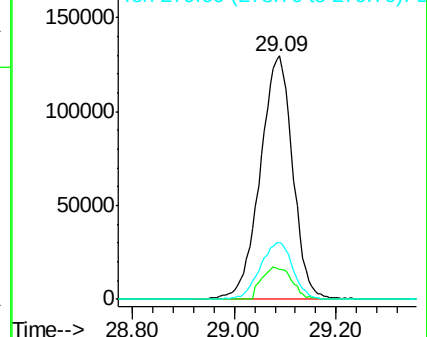
279 23.1 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.239 ng

RT: 30.24 min Scan# 4622

Delta R.T. -0.07 min

Lab File: BG040036.D

Acq: 20 Mar 2019 15:03

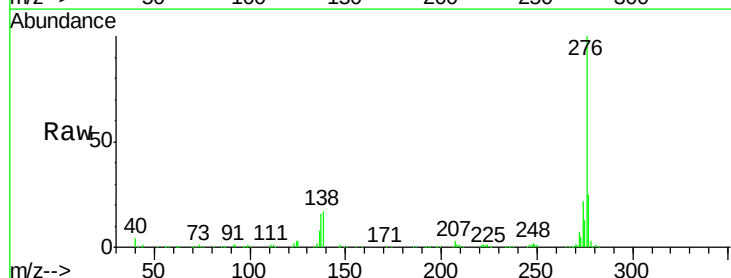
Tgt Ion:276 Resp: 594252

Ion Ratio Lower Upper

276 100

277 25.2 19.6 29.4

138 16.9 14.7 22.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

