

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG021319\  
 Data File : BG039490.D  
 Acq On : 13 Feb 2019 15:55  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 14 02:46:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 29 15:41:51 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.17  | 152  | 52329    | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 11.00 | 136  | 234532   | 20.00 | ng    | -0.01    |
| 39) Acenaphthene-d10      | 14.80 | 164  | 162889   | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.54 | 188  | 391238   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.83 | 240  | 388093   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 25.21 | 264  | 399597   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |       |    |       |
|--------------------------|-------|-----|---------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.71  | 112 | 249978  | 81.76 | ng | 0.00  |
| 7) Phenol-d6             | 7.31  | 99  | 381437  | 84.75 | ng | -0.01 |
| 23) Nitrobenzene-d5      | 9.35  | 82  | 354957  | 94.55 | ng | -0.01 |
| 42) 2,4,6-Tribromophenol | 16.28 | 330 | 156680  | 89.33 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 13.42 | 172 | 879736  | 77.48 | ng | -0.01 |
| 79) Terphenyl-d14        | 20.13 | 244 | 1389719 | 75.80 | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.61  | 88  | 53542  | 40.034 | ng | 93     |
| 3) Pyridine                    | 4.01  | 79  | 149163 | 42.125 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.93  | 42  | 66044  | 37.295 | ng | 89     |
| 6) Aniline                     | 7.49  | 93  | 228588 | 40.549 | ng | 99     |
| 8) 2-Chlorophenol              | 7.73  | 128 | 142265 | 42.567 | ng | 98     |
| 9) Benzaldehyde                | 7.31  | 77  | 94046  | 42.626 | ng | 93     |
| 10) Phenol                     | 7.34  | 94  | 195542 | 41.681 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.59  | 93  | 148070 | 39.942 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 8.06  | 146 | 161067 | 39.782 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.21  | 146 | 163602 | 40.541 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.53  | 146 | 159104 | 40.727 | ng | 97     |
| 15) Benzyl Alcohol             | 8.41  | 79  | 146782 | 41.543 | ng | 100    |
| 16) 2,2'-oxybis(1-Chloropropan | 8.69  | 45  | 288938 | 34.514 | ng | 99     |
| 17) 2-Methylphenol             | 8.60  | 107 | 123854 | 40.796 | ng | 96     |
| 18) Hexachloroethane           | 9.26  | 117 | 55720  | 40.134 | ng | 99     |
| 19) n-Nitroso-di-n-propylamine | 8.98  | 70  | 126856 | 39.713 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.93  | 107 | 181904 | 43.510 | ng | 98     |
| 22) Acetophenone               | 9.00  | 105 | 251110 | 39.859 | ng | 95     |
| 24) Nitrobenzene               | 9.39  | 77  | 182697 | 45.046 | ng | 99     |
| 25) Isophorone                 | 9.90  | 82  | 318908 | 38.333 | ng | 98     |
| 26) 2-Nitrophenol              | 10.10 | 139 | 90687  | 54.625 | ng | 94     |
| 27) 2,4-Dimethylphenol         | 10.14 | 122 | 137627 | 40.895 | ng | 95     |
| 28) bis(2-Chloroethoxy)methane | 10.39 | 93  | 207141 | 40.424 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 10.63 | 162 | 164508 | 44.726 | ng | 93     |
| 30) 1,2,4-Trichlorobenzene     | 10.85 | 180 | 171477 | 41.526 | ng | 100    |
| 31) Naphthalene                | 11.05 | 128 | 462227 | 39.727 | ng | 99     |
| 32) Benzoic acid               | 10.24 | 122 | 72986  | 35.916 | ng | 96     |
| 33) 4-Chloroaniline            | 11.15 | 127 | 223014 | 41.339 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.31 | 225 | 114776 | 41.795 | ng | 94     |
| 35) Caprolactam                | 11.95 | 113 | 67267  | 44.195 | ng | # 85   |
| 36) 4-Chloro-3-methylphenol    | 12.25 | 107 | 185492 | 43.607 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.64 | 142 | 342275 | 39.719 | ng | 97     |
| 38) 1-Methylnaphthalene        | 12.85 | 142 | 331592 | 39.918 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.99 | 216 | 215144 | 41.512 | ng | 99     |

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 Acq On : 13 Feb 2019 15:55  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

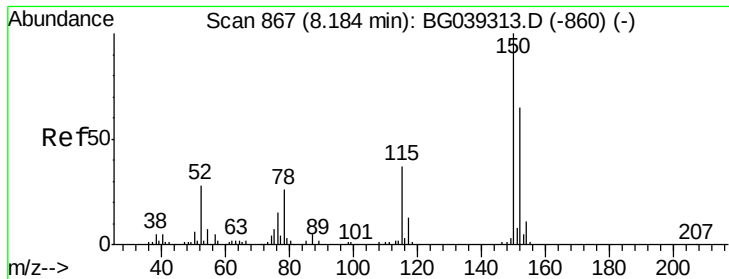
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Feb 14 02:46:40 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG012919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 29 15:41:51 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.96 | 237  | 103633   | 36.696 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.23 | 196  | 140702   | 44.155 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 13.30 | 196  | 154166   | 46.160 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.63 | 154  | 519051   | 38.298 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.68 | 162  | 404407   | 39.665 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.89 | 65   | 137489   | 47.127 | ng    | 93       |
| 49) Acenaphthylene             | 14.52 | 152  | 602631   | 39.172 | ng    | 99       |
| 50) Dimethylphthalate          | 14.24 | 163  | 519729   | 39.506 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.37 | 165  | 115155   | 46.995 | ng    | 94       |
| 52) Acenaphthene               | 14.86 | 154  | 393661   | 39.421 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.71 | 138  | 123211   | 46.630 | ng    | # 97     |
| 54) 2,4-Dinitrophenol          | 14.91 | 184  | 22648    | 30.433 | ng    | 90       |
| 55) Dibenzofuran               | 15.19 | 168  | 634118   | 39.605 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.99 | 139  | 90764    | 41.188 | ng    | 87       |
| 57) 2,4-Dinitrotoluene         | 15.16 | 165  | 161543   | 50.755 | ng    | # 89     |
| 58) Fluorene                   | 15.84 | 166  | 462696   | 38.766 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.41 | 232  | 137214   | 43.879 | ng    | 97       |
| 60) Diethylphthalate           | 15.60 | 149  | 518017   | 38.084 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.82 | 204  | 274708   | 40.647 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.87 | 138  | 125187   | 45.609 | ng    | 96       |
| 63) Azobenzene                 | 16.12 | 77   | 484765   | 36.463 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 59146    | 40.917 | ng    | 92       |
| 66) n-Nitrosodiphenylamine     | 16.04 | 169  | 464423   | 39.040 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.72 | 248  | 179706   | 41.404 | ng    | 94       |
| 68) Hexachlorobenzene          | 16.84 | 284  | 183270   | 42.086 | ng    | 95       |
| 69) Atrazine                   | 16.98 | 200  | 160112   | 36.830 | ng    | 97       |
| 70) Pentachlorophenol          | 17.18 | 266  | 105082   | 34.720 | ng    | 99       |
| 71) Phenanthrene               | 17.58 | 178  | 778002   | 38.421 | ng    | 100      |
| 72) Anthracene                 | 17.68 | 178  | 769187   | 38.564 | ng    | 99       |
| 73) Carbazole                  | 17.95 | 167  | 746543   | 37.505 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.48 | 149  | 875135   | 37.685 | ng    | 99       |
| 75) Fluoranthene               | 19.58 | 202  | 902953   | 38.418 | ng    | 99       |
| 77) Benzidine                  | 19.76 | 184  | 369805   | 29.064 | ng    | 98       |
| 78) Pyrene                     | 19.95 | 202  | 941142   | 38.955 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.81 | 149  | 398995   | 39.150 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.81 | 228  | 896413   | 39.090 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.72 | 252  | 344289   | 40.490 | ng    | 98       |
| 83) Chrysene                   | 21.88 | 228  | 861248   | 39.453 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.68 | 149  | 560822   | 38.572 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.94 | 149  | 948720   | 39.496 | ng    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.11 | 276  | 975150   | 41.634 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 24.13 | 252  | 866433   | 39.759 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 24.20 | 252  | 846798   | 38.704 | ng    | 98       |
| 90) Benzo(a)pyrene             | 25.05 | 252  | 844095   | 40.219 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 29.18 | 278  | 808955   | 41.158 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 30.33 | 276  | 792918   | 40.475 | ng    | 97       |

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



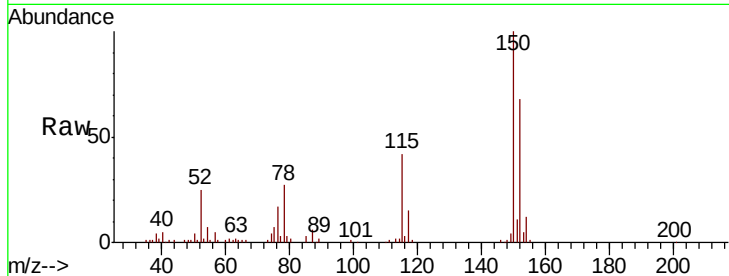


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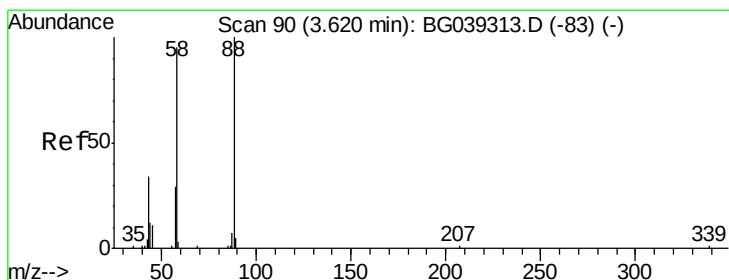
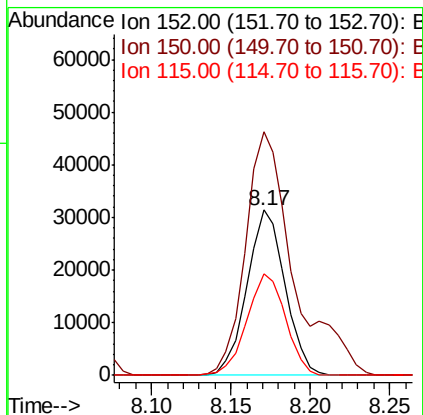
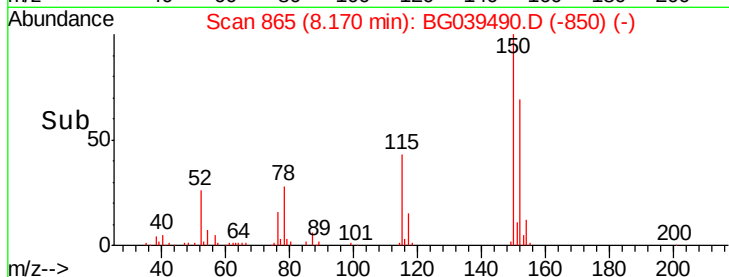
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.17 min Scan# 865  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion: 152 Resp: 52329  
Ion Ratio Lower Upper  
152 100  
150 147.4 123.7 185.5  
115 61.4 45.9 68.9



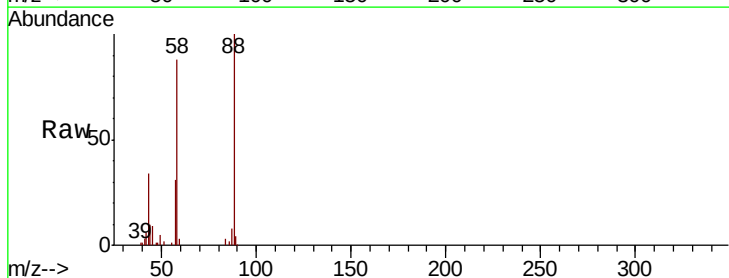
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



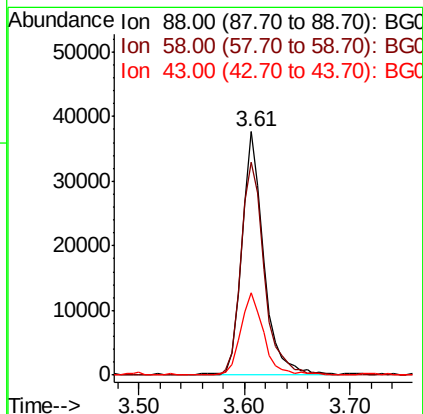
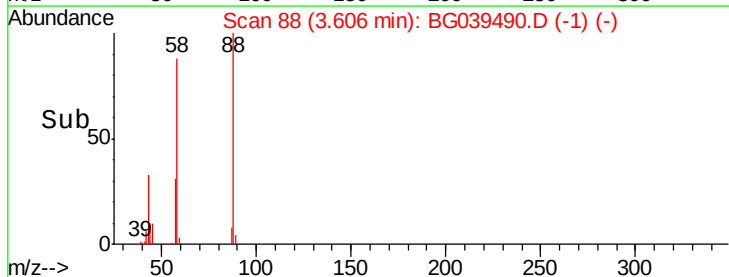
#2

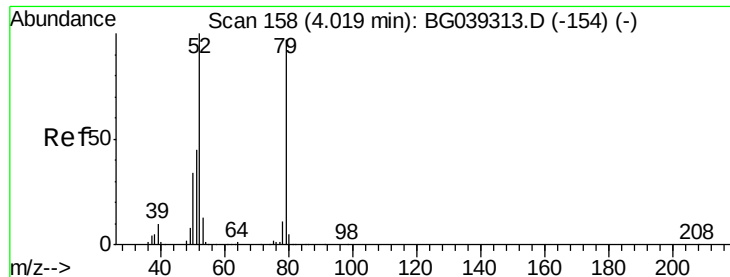
1,4-Dioxane  
Concen: 40.034 ng  
RT: 3.61 min Scan# 88  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Tgt Ion: 88 Resp: 53542  
Ion Ratio Lower Upper  
88 100  
58 93.4 81.1 121.7  
43 35.8 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: 42.125 ng

RT: 4.01 min Scan# 157

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

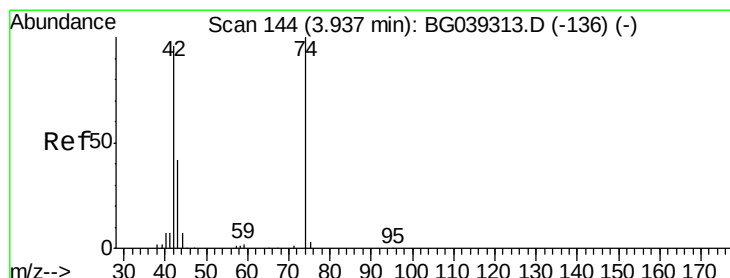
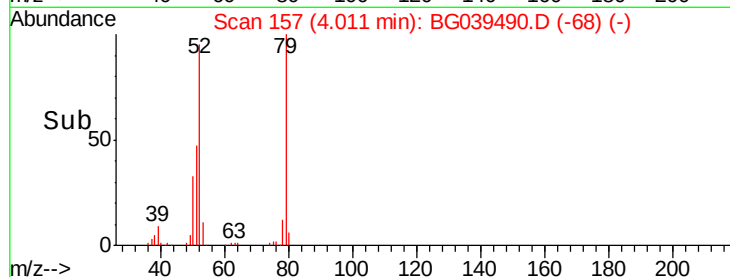
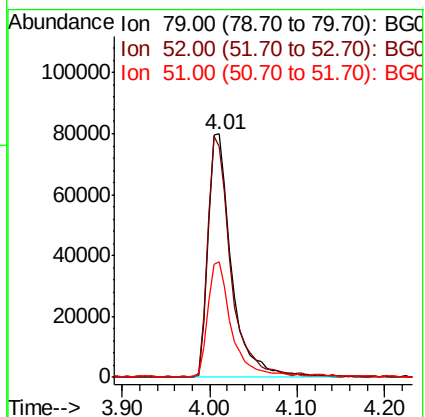
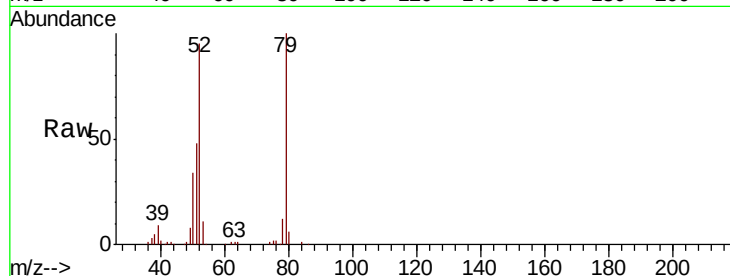
Tgt Ion: 79 Resp: 149163

Ion Ratio Lower Upper

79 100

52 95.1 82.6 124.0

51 47.6 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 37.295 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

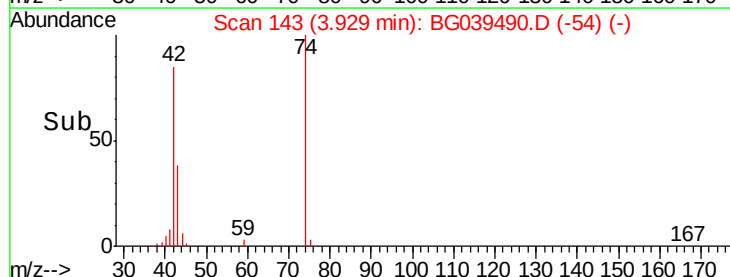
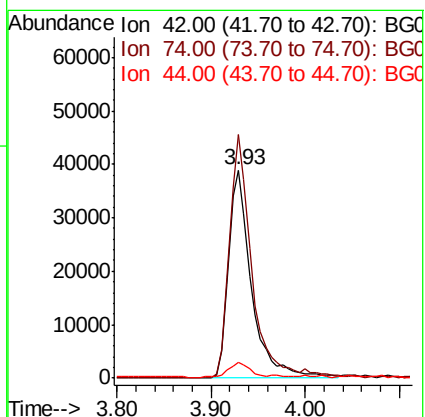
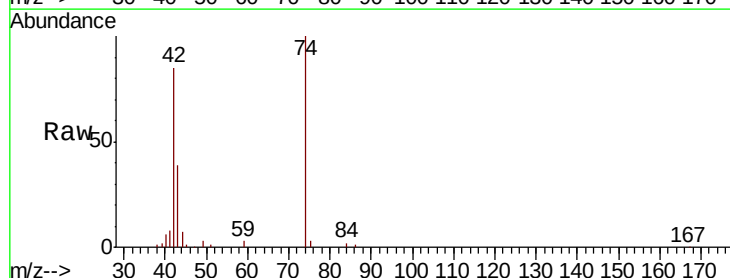
Tgt Ion: 42 Resp: 66044

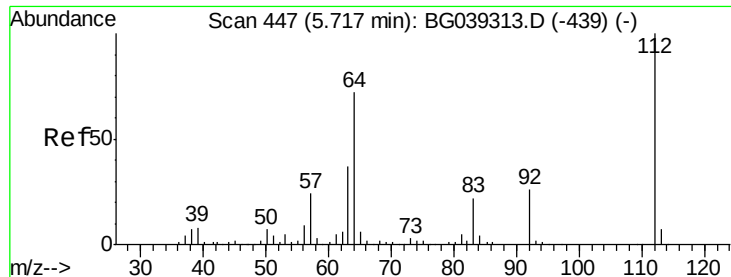
Ion Ratio Lower Upper

42 100

74 117.0 83.6 125.4

44 7.7 6.9 10.3





#5

2-Fluorophenol

Concen: 81.760 ng

RT: 5.71 min Scan# 446

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

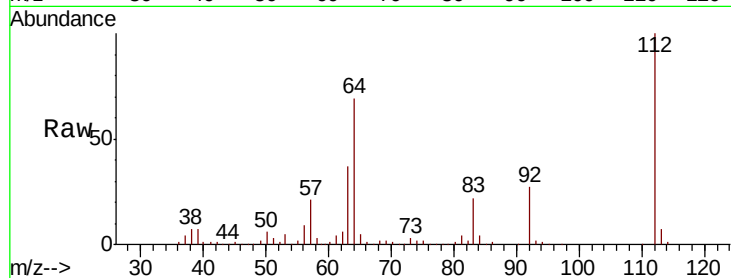
Tgt Ion: 112 Resp: 249978

Ion Ratio Lower Upper

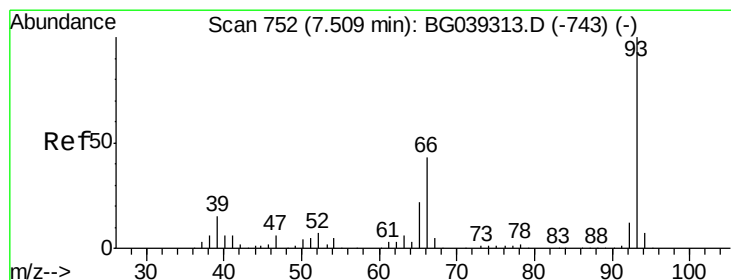
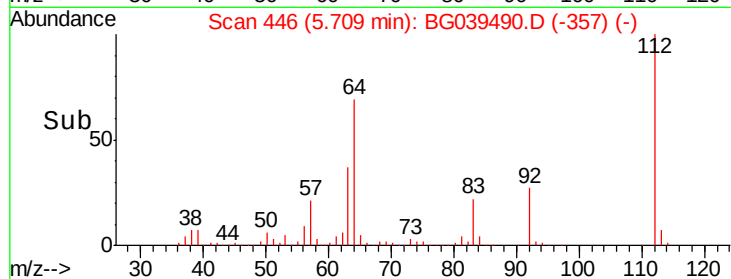
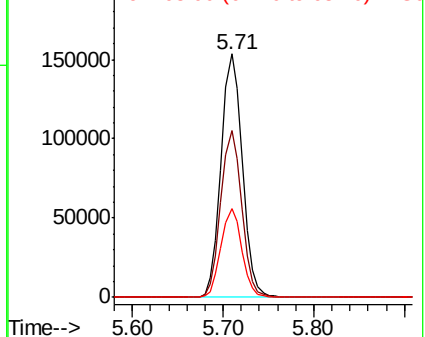
112 100

64 68.6 57.8 86.8

63 36.6 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: 40.549 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

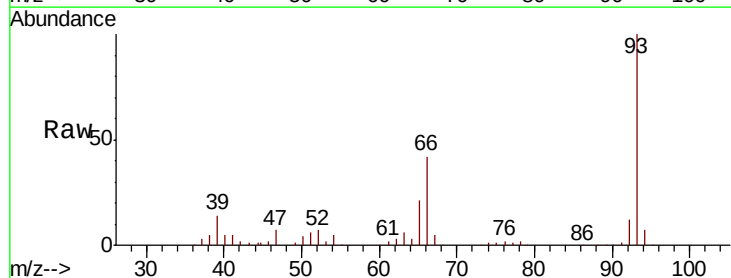
Tgt Ion: 93 Resp: 228588

Ion Ratio Lower Upper

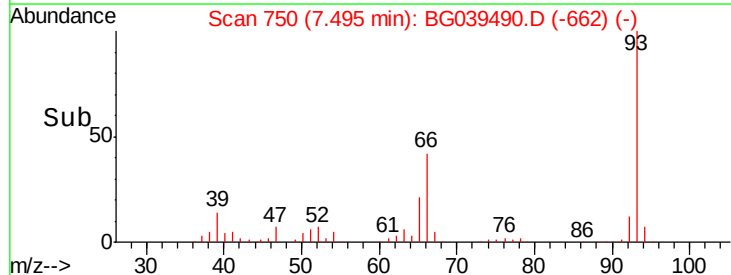
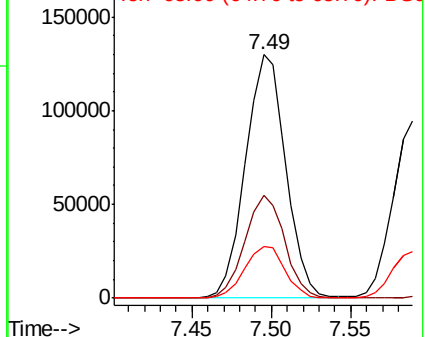
93 100

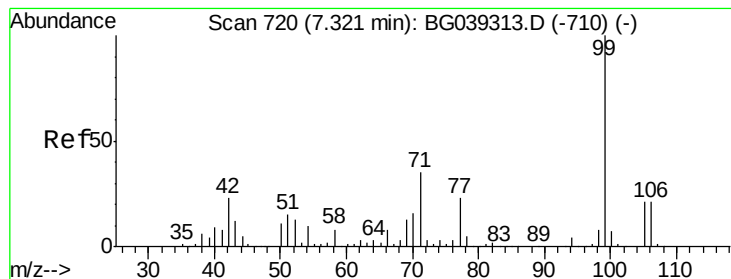
66 42.2 34.2 51.4

65 21.3 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: 84.754 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

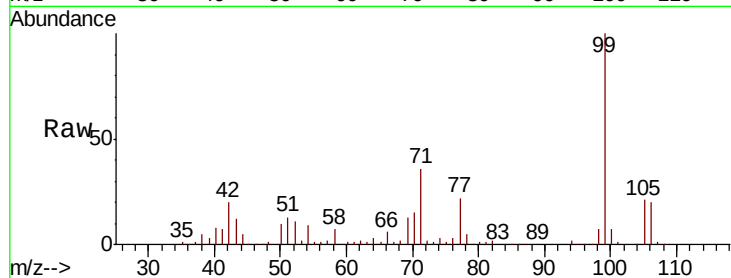
Tgt Ion: 99 Resp: 381437

Ion Ratio Lower Upper

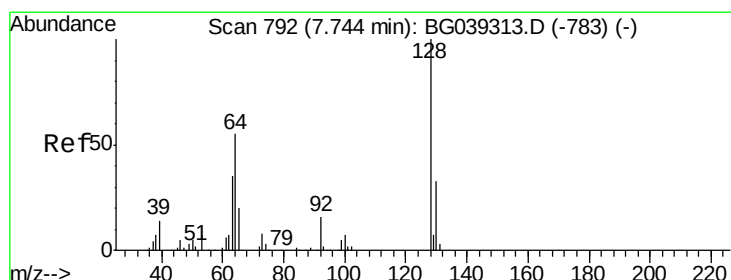
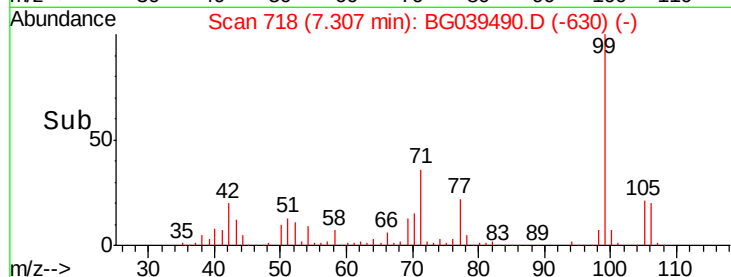
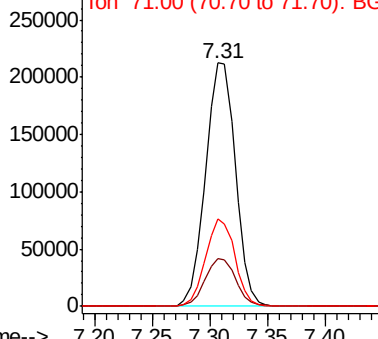
99 100

42 19.7 18.2 27.2

71 35.7 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: 42.567 ng

RT: 7.73 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

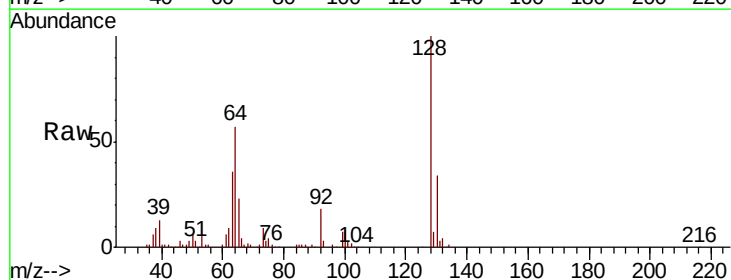
Tgt Ion: 128 Resp: 142265

Ion Ratio Lower Upper

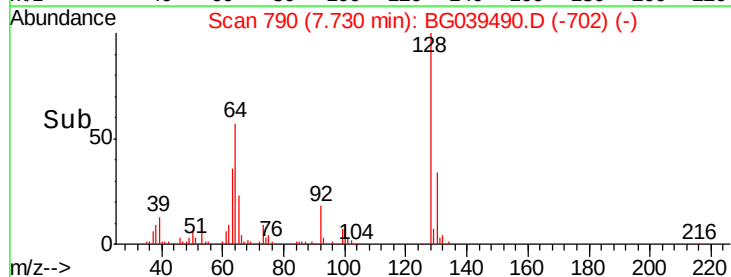
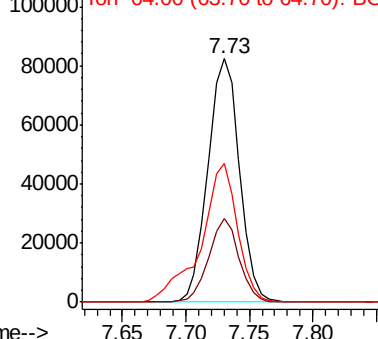
128 100

130 34.2 12.9 52.9

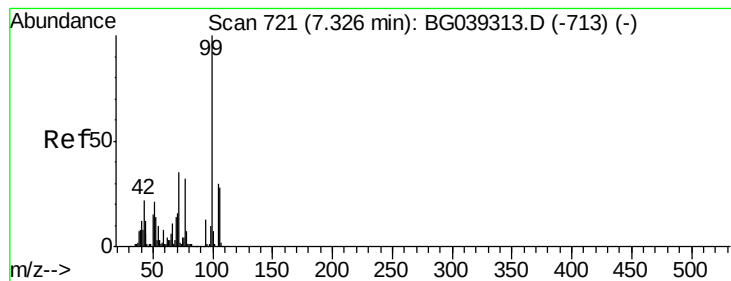
64 57.2 38.7 78.7



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







#9

Benzaldehyde

Concen: 42.626 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

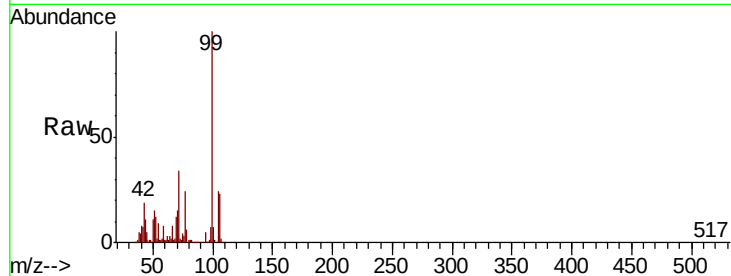
Tgt Ion: 77 Resp: 94046

Ion Ratio Lower Upper

77 100

105 100.1 74.5 114.5

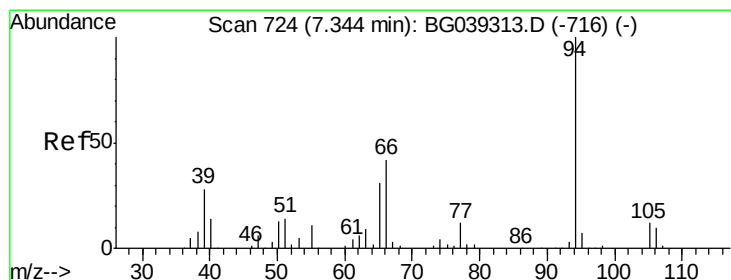
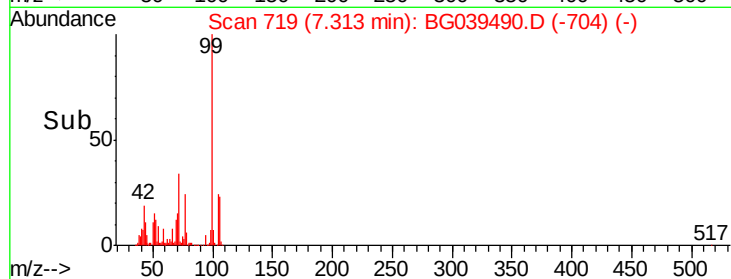
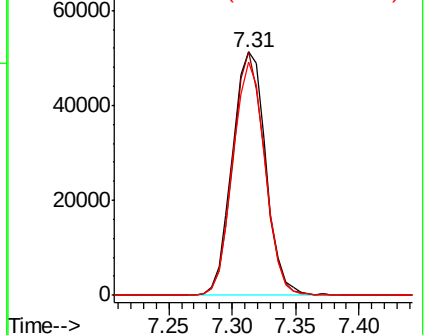
106 96.1 68.0 108.0



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: 41.681 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

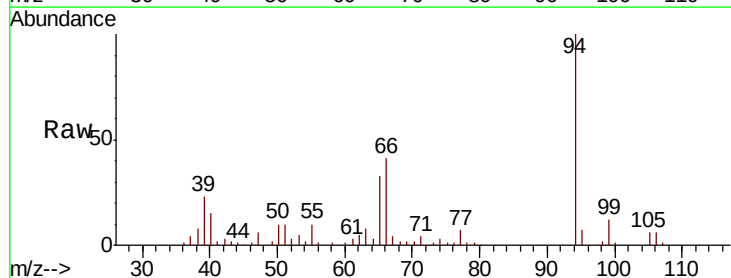
Tgt Ion: 94 Resp: 195542

Ion Ratio Lower Upper

94 100

65 33.4 11.7 51.7

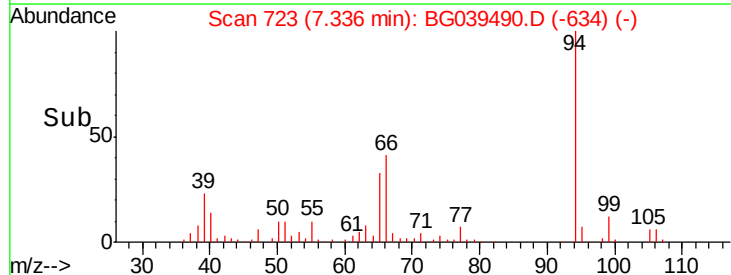
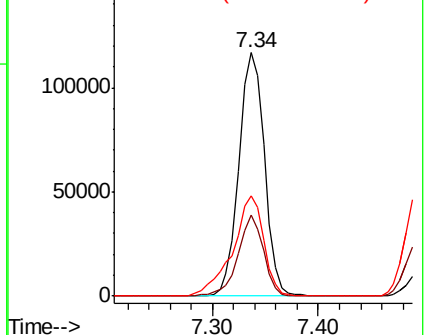
66 41.3 23.7 63.7



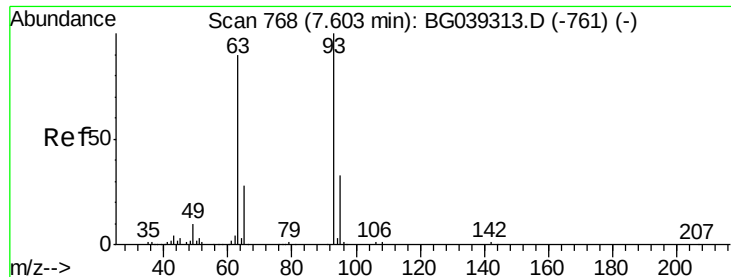
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



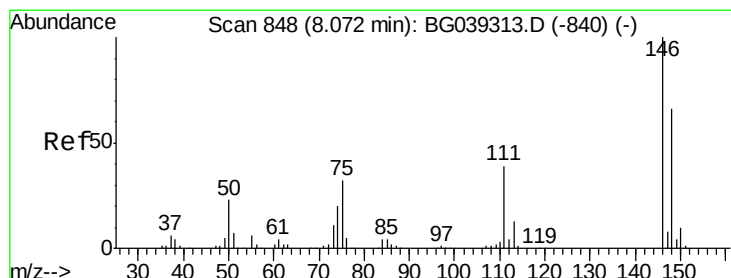
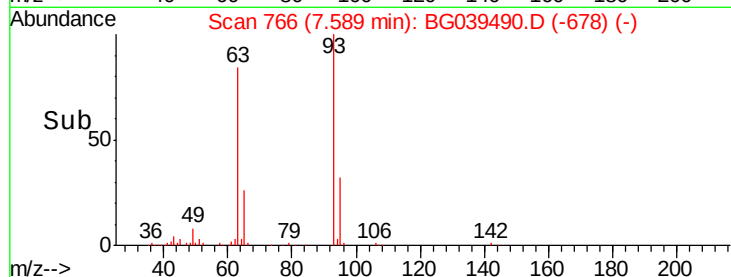
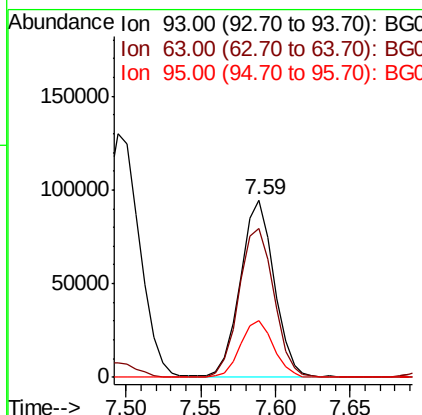
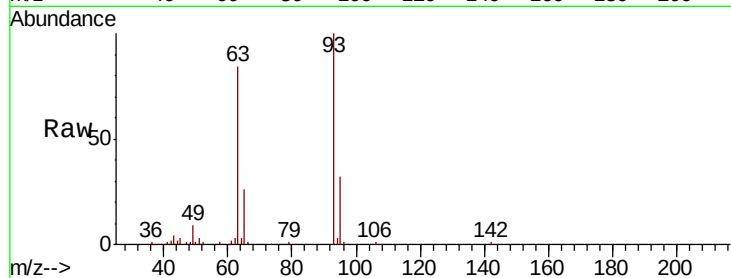




#11  
bis(2-Chloroethyl)ether  
Concen: 39.942 ng  
RT: 7.59 min Scan# 766  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

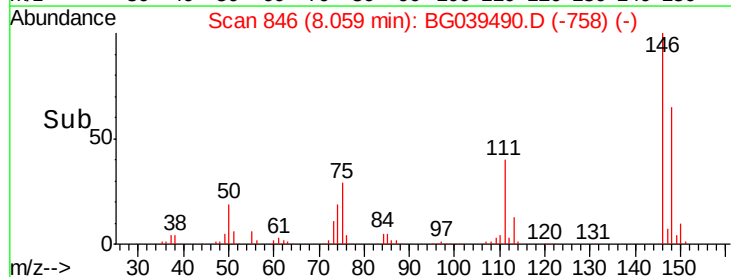
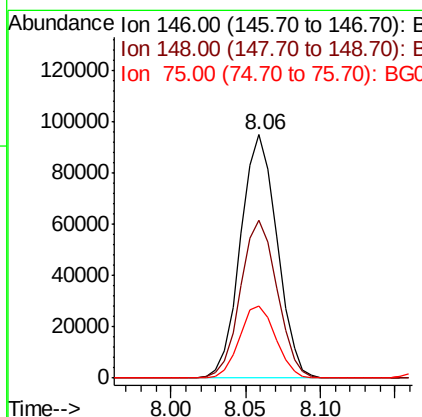
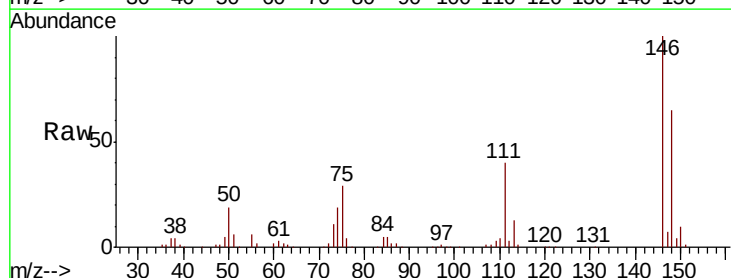
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

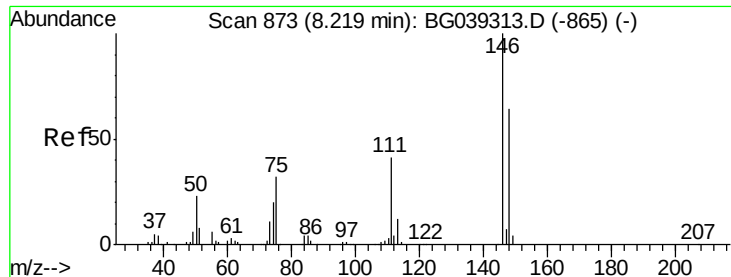
Tgt Ion: 93 Resp: 148070  
Ion Ratio Lower Upper  
93 100  
63 83.8 69.5 109.5  
95 32.3 12.7 52.7



#12  
1,3-Dichlorobenzene  
Concen: 39.782 ng  
RT: 8.06 min Scan# 846  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Tgt Ion: 146 Resp: 161067  
Ion Ratio Lower Upper  
146 100  
148 64.7 52.6 79.0  
75 29.4 25.8 38.6

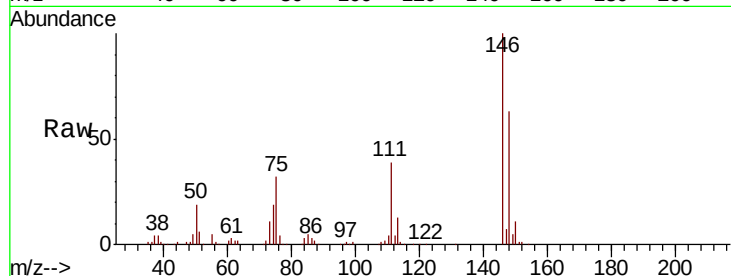




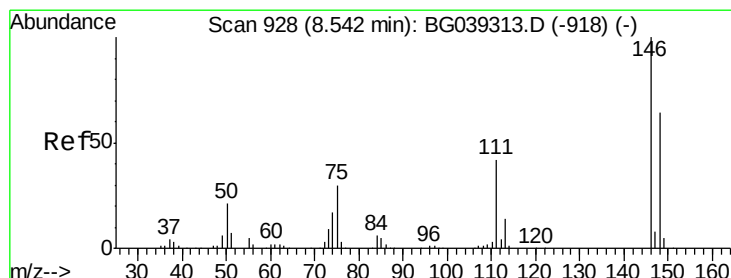
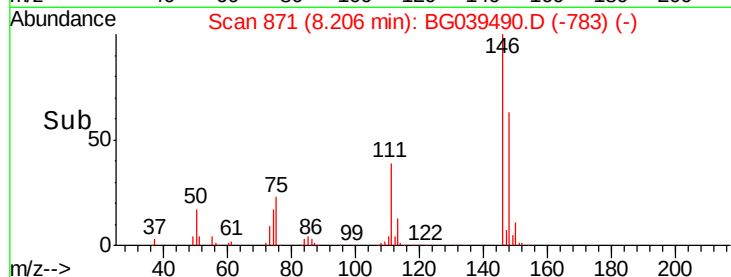
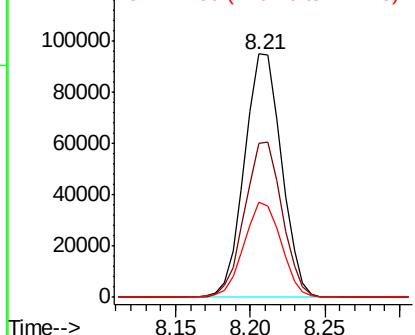
#13  
 1,4-Dichlorobenzene  
 Concen: 40.541 ng  
 RT: 8.21 min Scan# 871  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:146 Resp: 163602  
 Ion Ratio Lower Upper  
 146 100  
 148 63.2 51.1 76.7  
 111 39.3 32.6 48.8

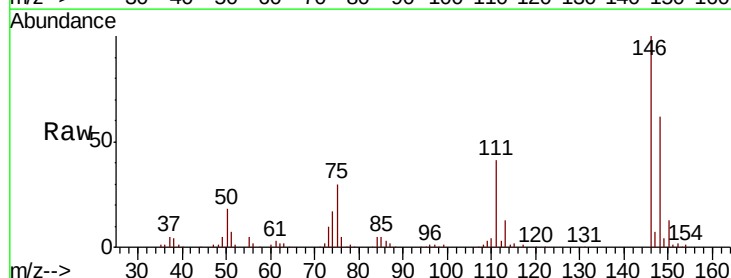


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

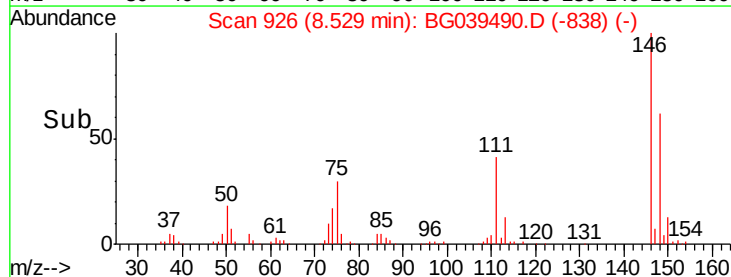
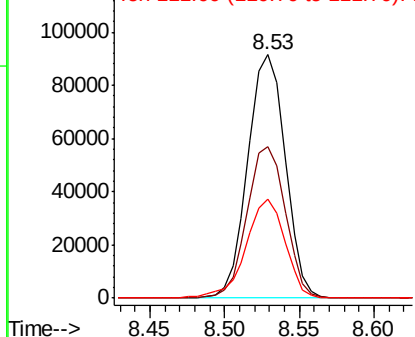


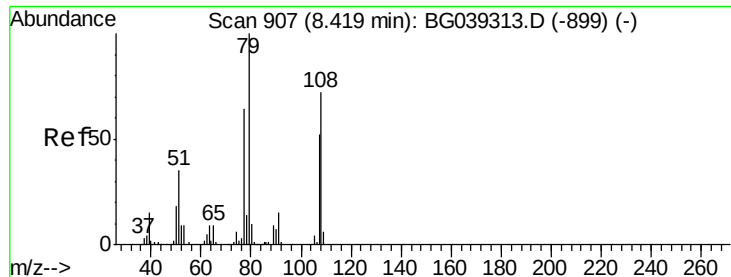
#14  
 1,2-Dichlorobenzene  
 Concen: 40.727 ng  
 RT: 8.53 min Scan# 926  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

Tgt Ion:146 Resp: 159104  
 Ion Ratio Lower Upper  
 146 100  
 148 62.2 51.5 77.3  
 111 40.8 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: 41.543 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

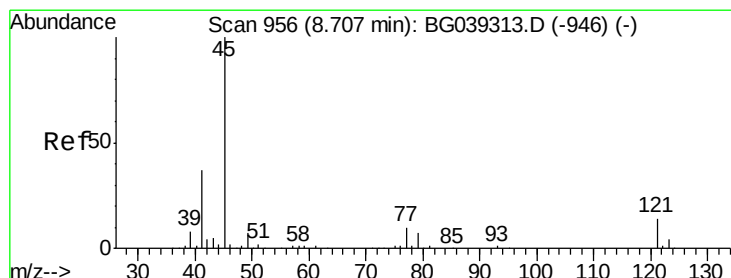
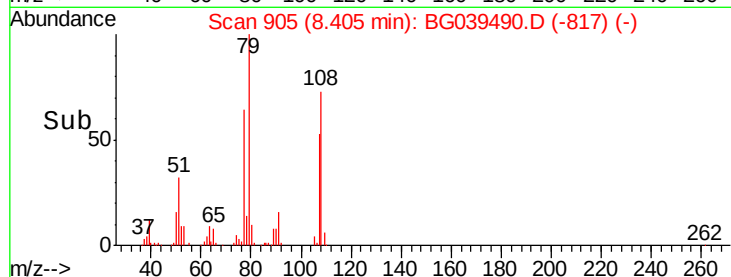
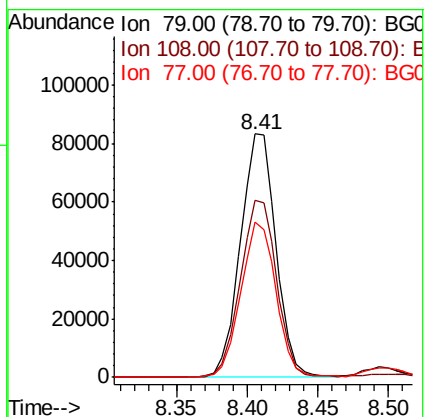
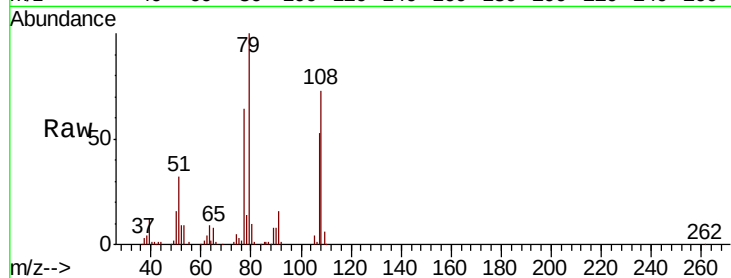
Tgt Ion: 79 Resp: 146782

Ion Ratio Lower Upper

79 100

108 72.7 57.8 86.6

77 63.8 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.514 ng

RT: 8.69 min Scan# 954

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

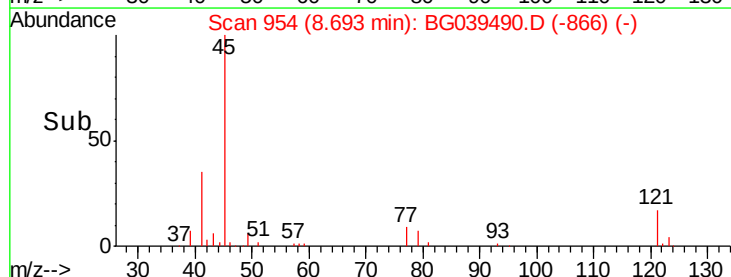
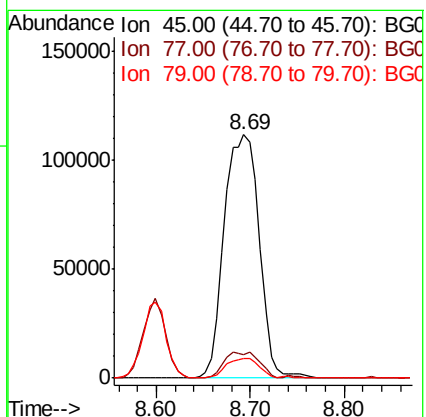
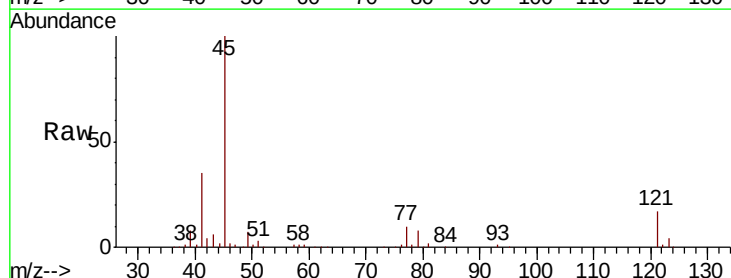
Tgt Ion: 45 Resp: 288938

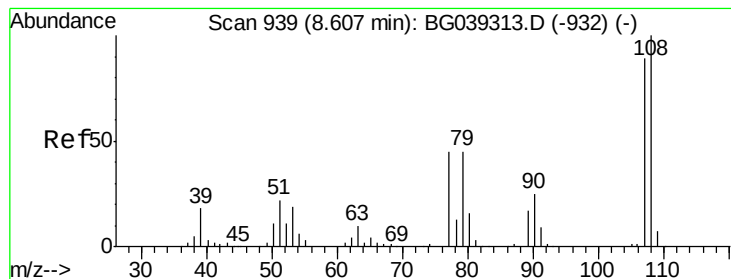
Ion Ratio Lower Upper

45 100

77 9.6 0.0 30.0

79 8.1 0.0 27.5





#17

2-Methylphenol

Concen: 40.796 ng

RT: 8.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 123854

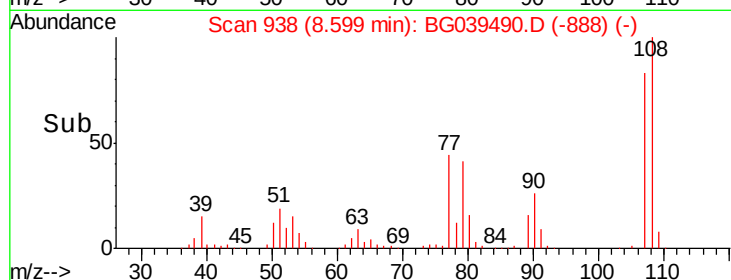
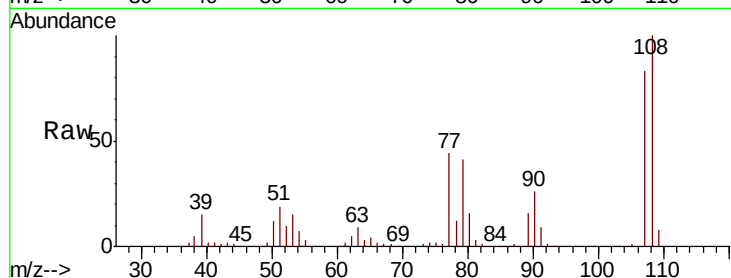
Ion Ratio Lower Upper

107 100

108 120.2 90.8 136.2

77 52.3 40.7 61.1

79 49.3 40.6 60.8

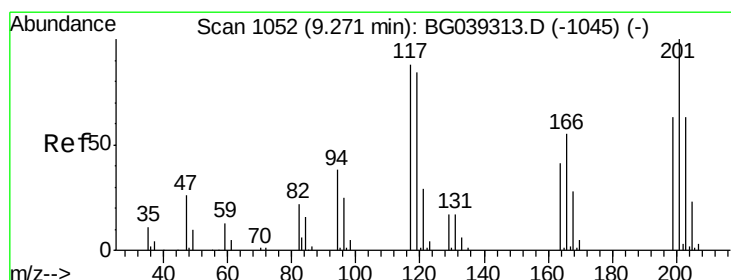
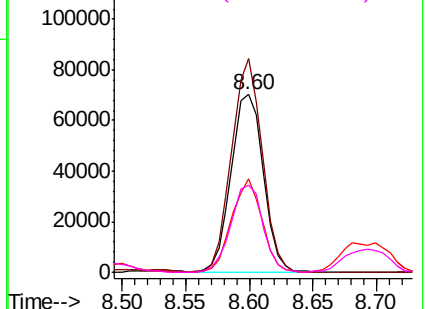


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.134 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

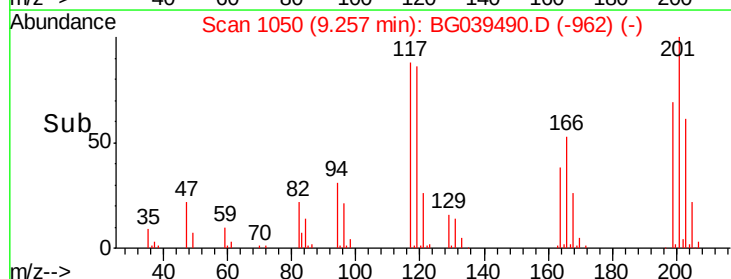
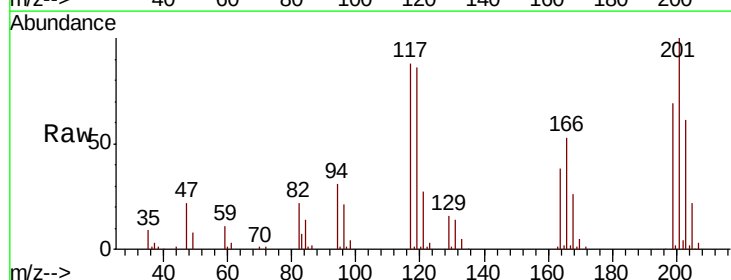
Tgt Ion:117 Resp: 55720

Ion Ratio Lower Upper

117 100

119 97.3 76.3 114.5

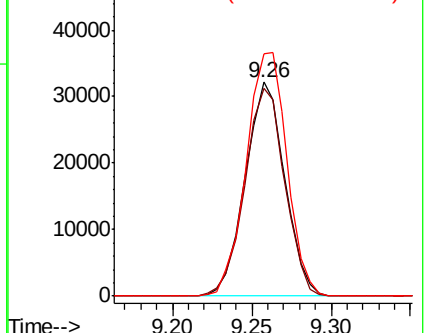
201 113.1 91.1 136.7

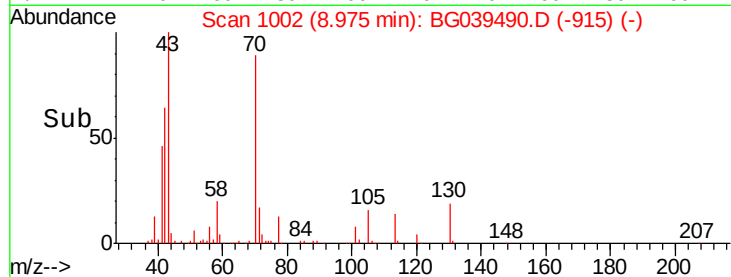
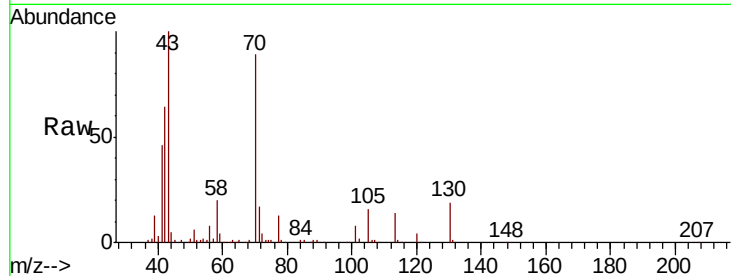
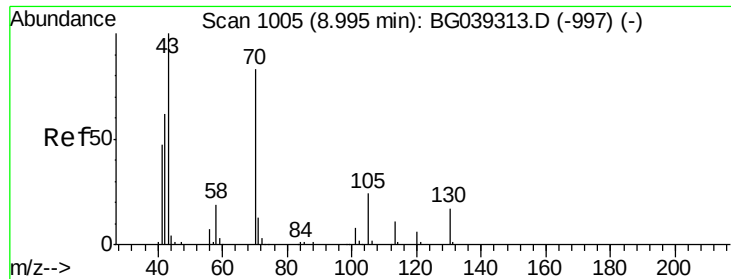


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

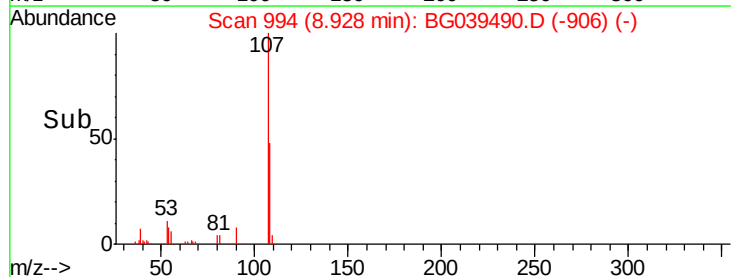
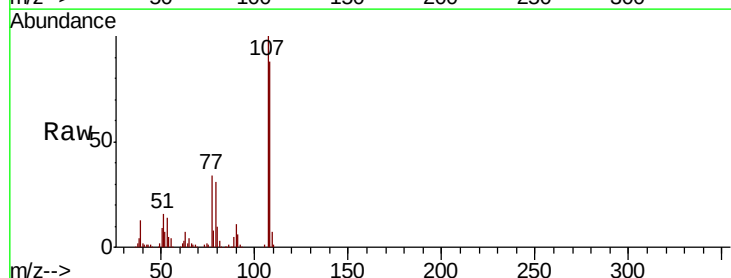
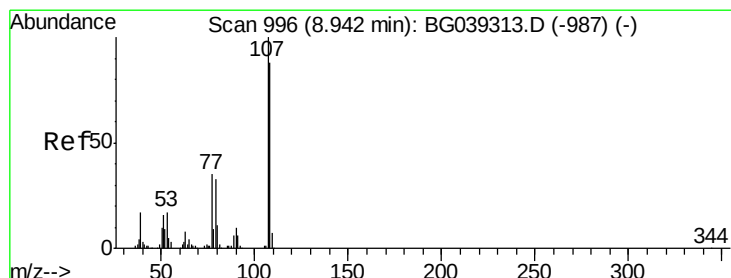
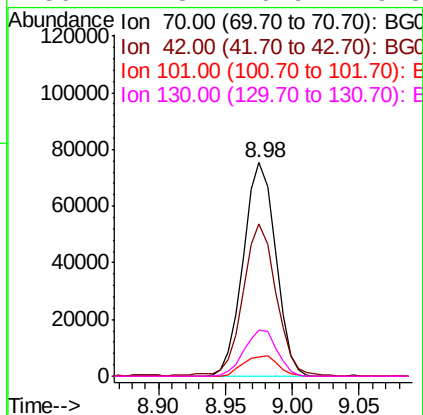




#19  
n-Nitroso-di-n-propylamine  
Concen: 39.713 ng  
RT: 8.98 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

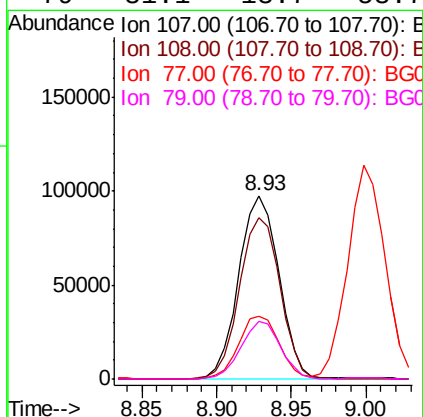
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

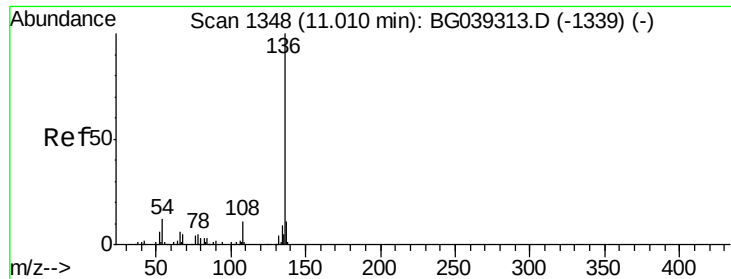
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 126856 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 71.4  | 60.4  | 90.6   |
| 101      | 8.9   | 7.5   | 11.3   |
| 130      | 21.8  | 16.9  | 25.3   |



#20  
3+4-Methylphenols  
Concen: 43.510 ng  
RT: 8.93 min Scan# 994  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 181904 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.1  | 67.9  | 107.9  |
| 77       | 34.1  | 15.4  | 55.4   |
| 79       | 31.1  | 13.7  | 53.7   |

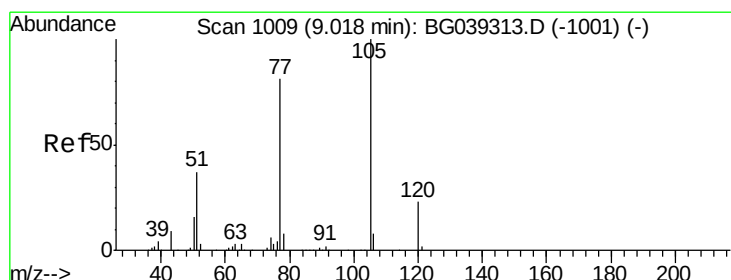
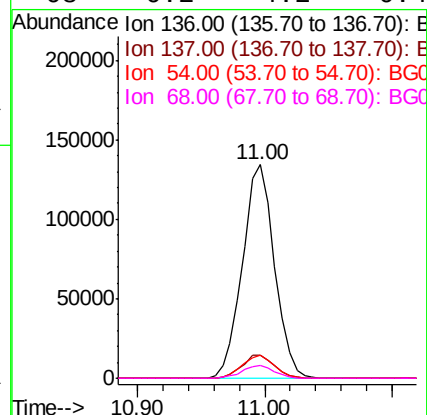
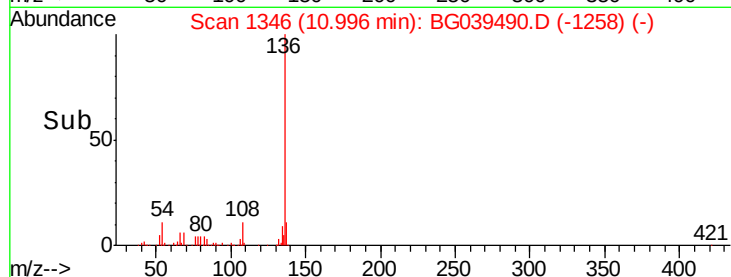
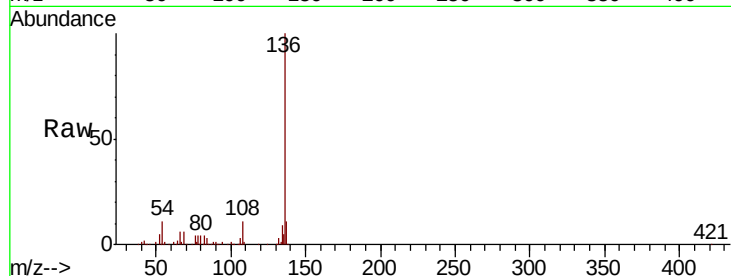




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.00 min Scan# 1346  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

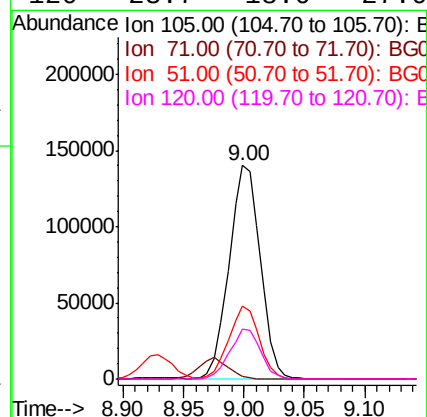
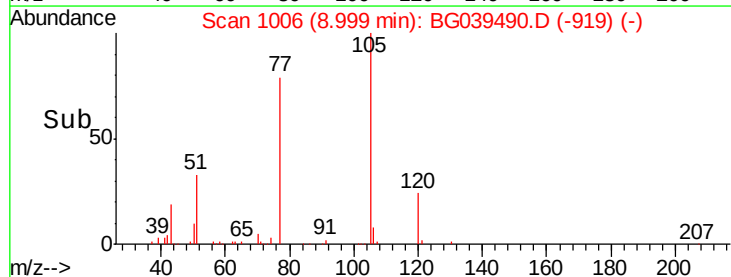
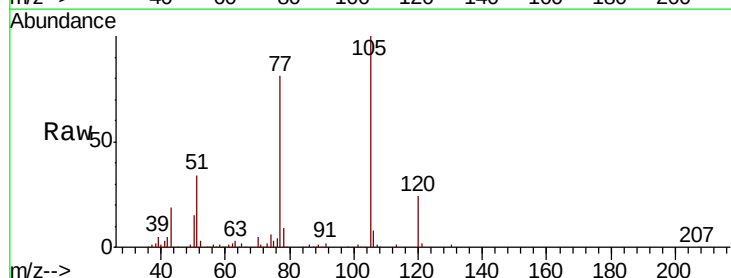
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

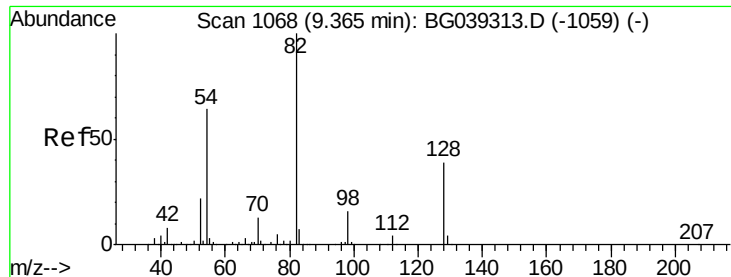
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 234532 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 9.1   | 13.7   |
| 54       | 10.9  | 9.4   | 14.2   |
| 68       | 6.2   | 4.2   | 6.4    |



#22  
Acetophenone  
Concen: 39.859 ng  
RT: 9.00 min Scan# 1006  
Delta R.T. -0.02 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 251110 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.1   | 0.8   | 1.2    |
| 51       | 33.9  | 30.2  | 45.2   |
| 120      | 23.7  | 18.0  | 27.0   |

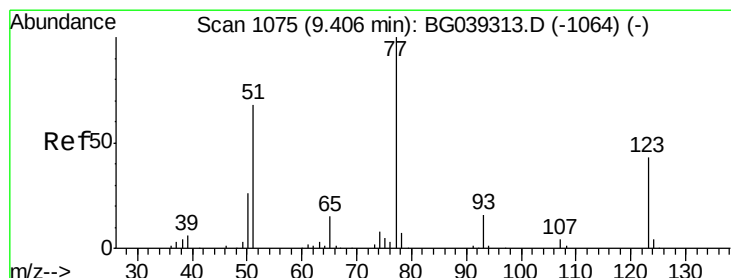
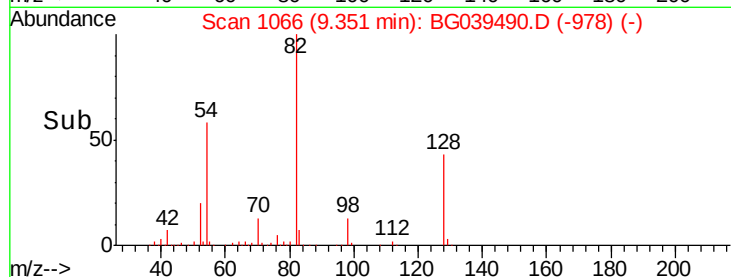
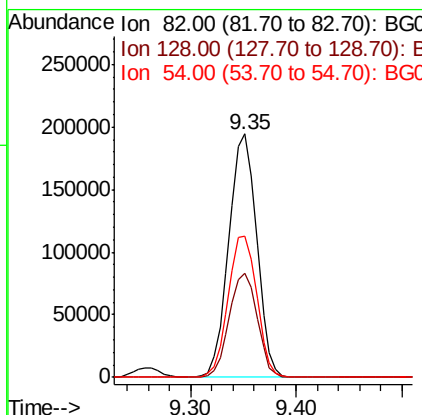
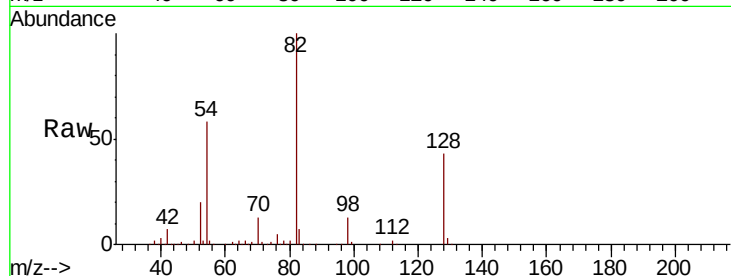




#23  
Nitrobenzene-d5  
Concen: 94.549 ng  
RT: 9.35 min Scan# 1066  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

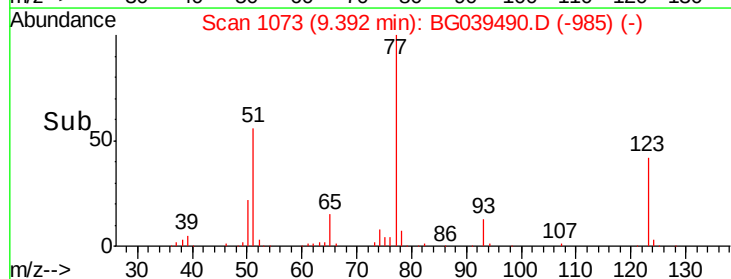
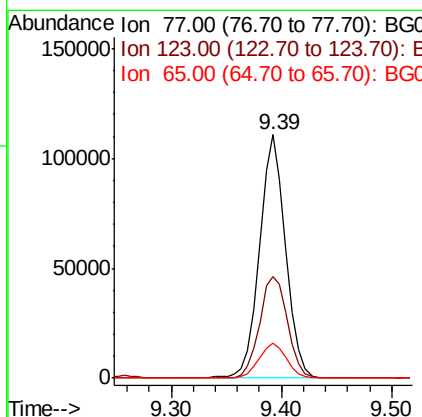
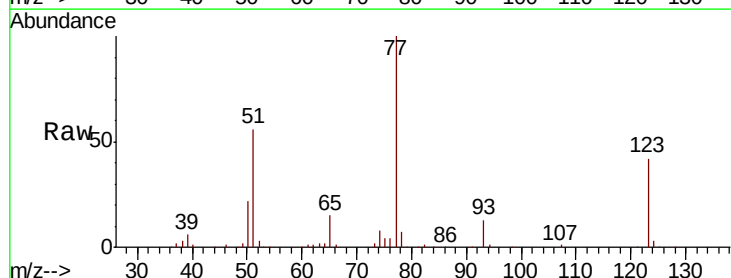
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 42.8  | 31.3  | 46.9  |
| 54      | 57.7  | 50.9  | 76.3  |

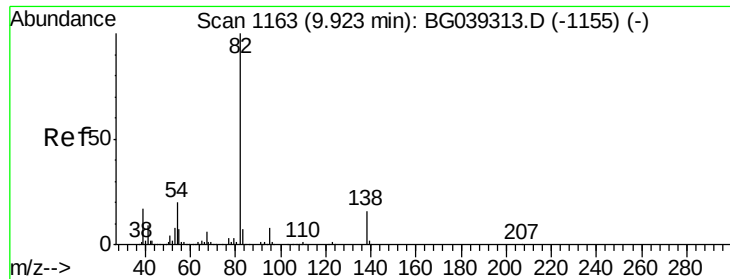


#24  
Nitrobenzene  
Concen: 45.046 ng  
RT: 9.39 min Scan# 1073  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 41.9  | 34.1  | 51.1  |
| 65      | 14.5  | 12.3  | 18.5  |







#25

Isophorone

Concen: 38.333 ng

RT: 9.90 min Scan# 1160

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

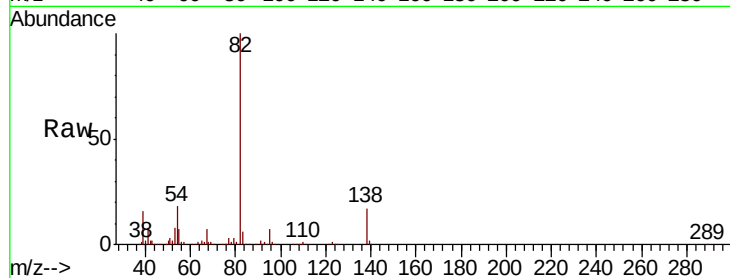
Tgt Ion: 82 Resp: 318908

Ion Ratio Lower Upper

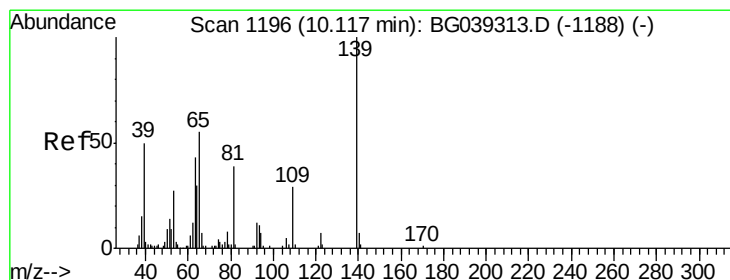
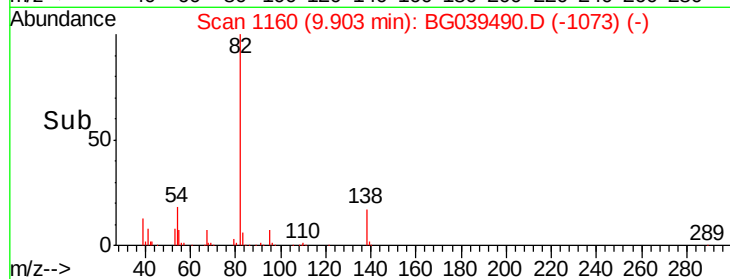
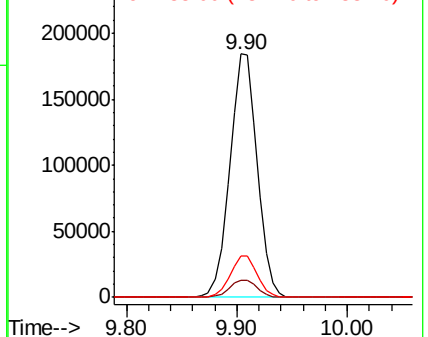
82 100

95 7.1 6.2 9.2

138 16.9 13.0 19.4



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



#26

2-Nitrophenol

Concen: 54.625 ng

RT: 10.10 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

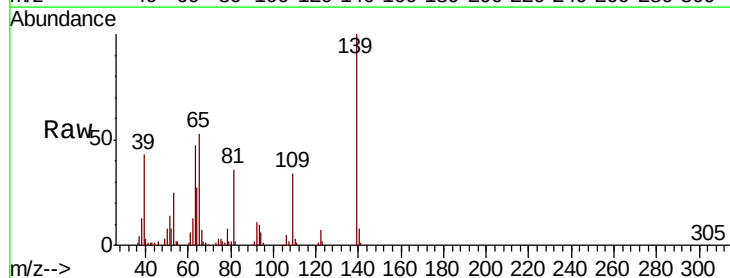
Tgt Ion: 139 Resp: 90687

Ion Ratio Lower Upper

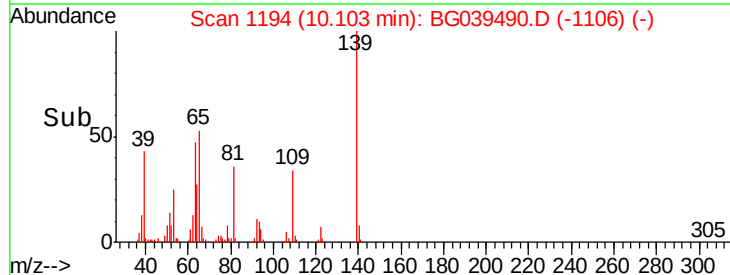
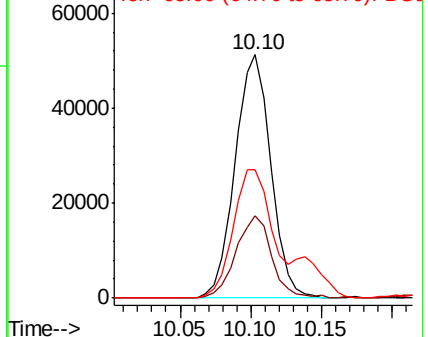
139 100

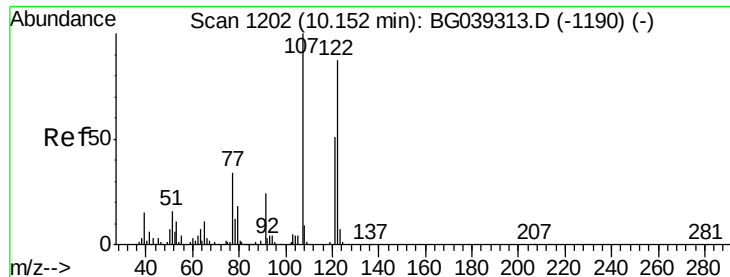
109 33.7 23.4 35.0

65 52.5 44.3 66.5



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





#27

2,4-Dimethylphenol

Concen: 40.895 ng

RT: 10.14 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

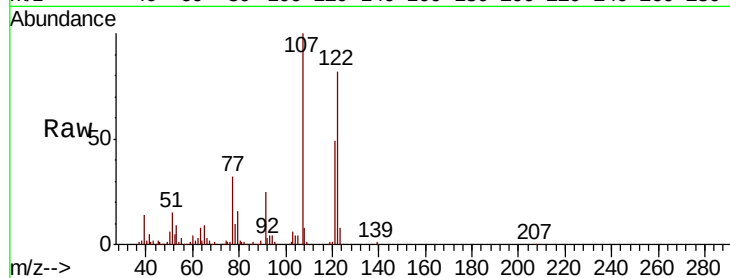
Tgt Ion: 122 Resp: 137627

Ion Ratio Lower Upper

122 100

107 121.7 91.7 137.5

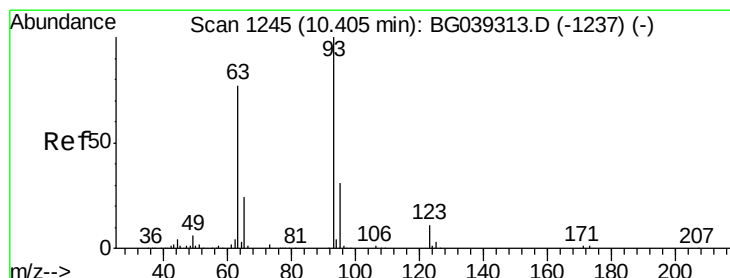
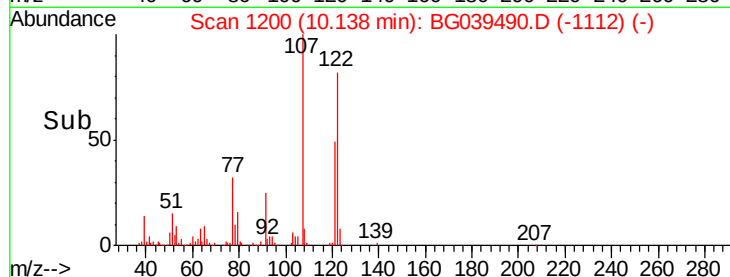
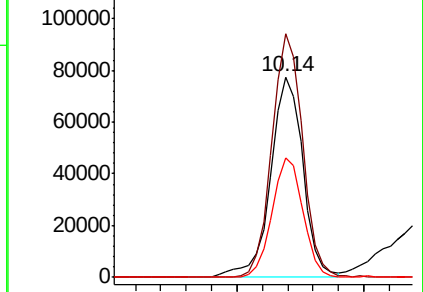
121 59.4 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.424 ng

RT: 10.39 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

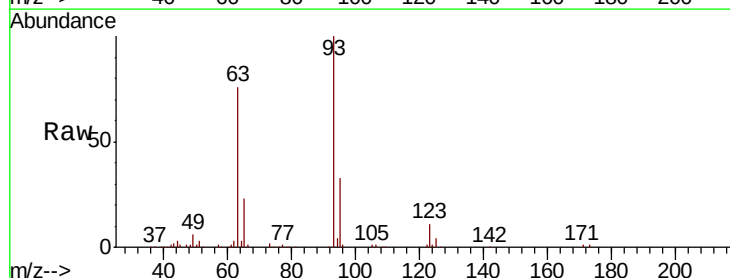
Tgt Ion: 93 Resp: 207141

Ion Ratio Lower Upper

93 100

95 32.7 25.0 37.4

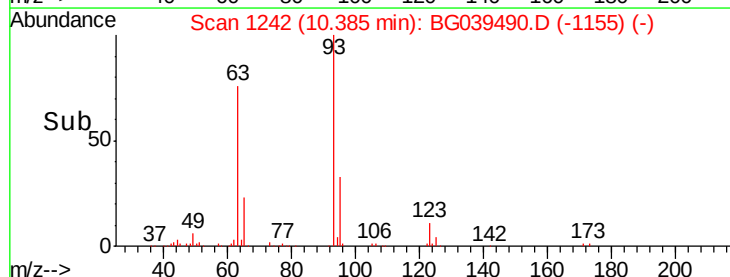
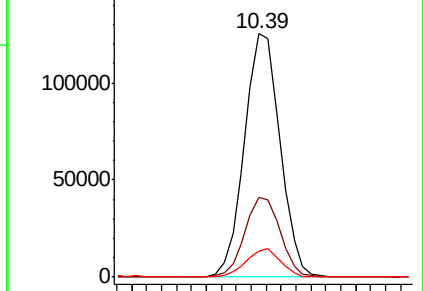
123 10.8 8.6 12.8

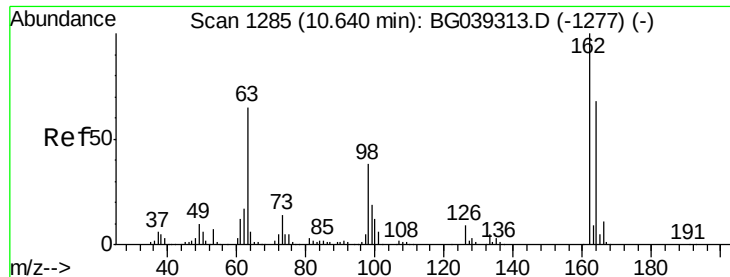


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

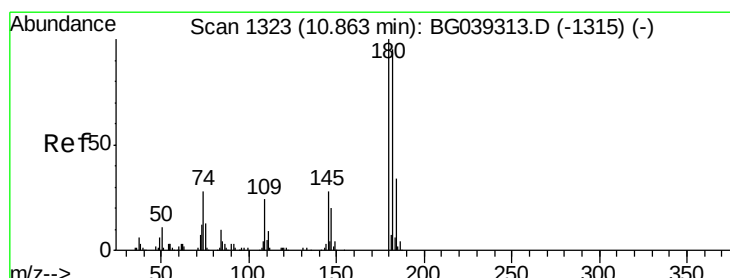
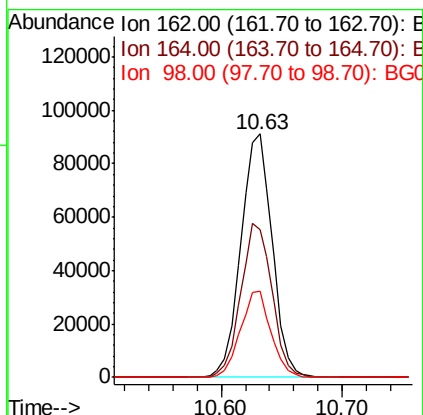
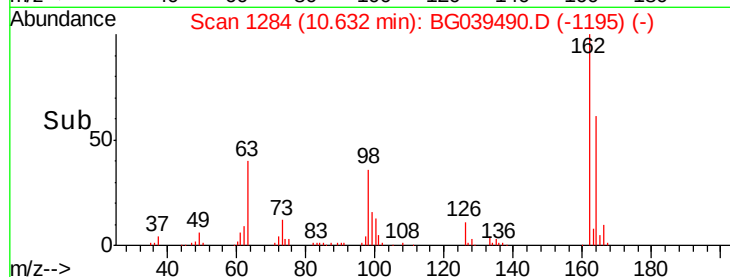
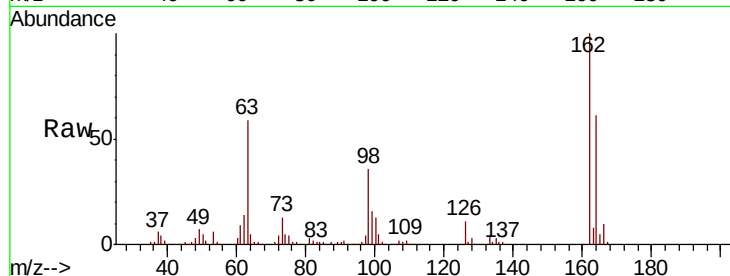




#29  
2,4-Dichlorophenol  
Concen: 44.726 ng  
RT: 10.63 min Scan# 1284  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

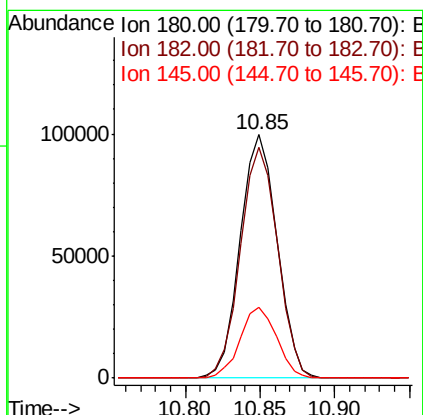
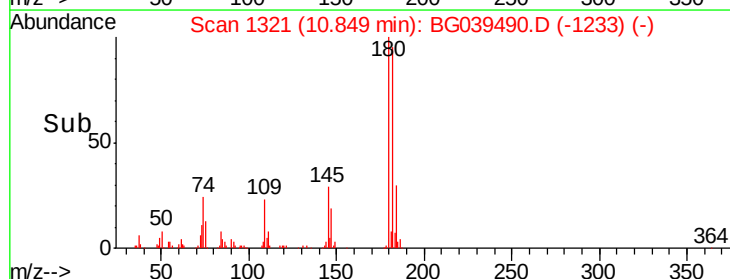
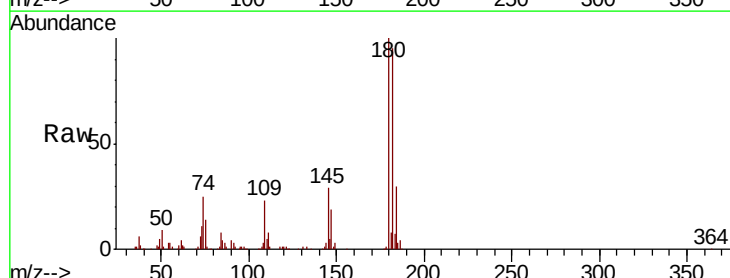
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

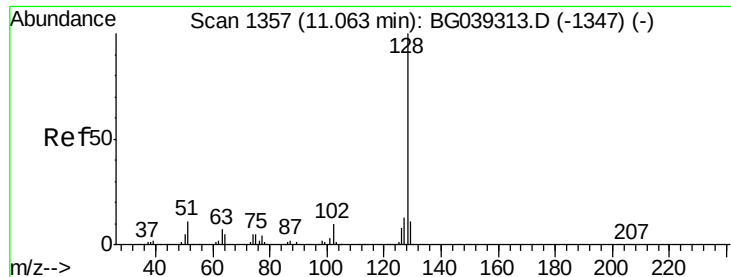
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 60.6  | 48.1  | 88.1  |
| 98      | 35.6  | 18.1  | 58.1  |



#30  
1,2,4-Trichlorobenzene  
Concen: 41.526 ng  
RT: 10.85 min Scan# 1321  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 76.0  | 114.0 |
| 145     | 29.1  | 22.7  | 34.1  |

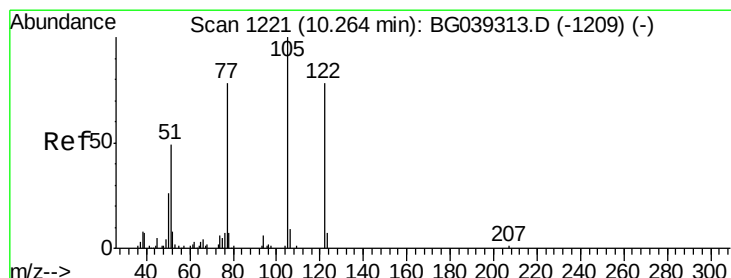
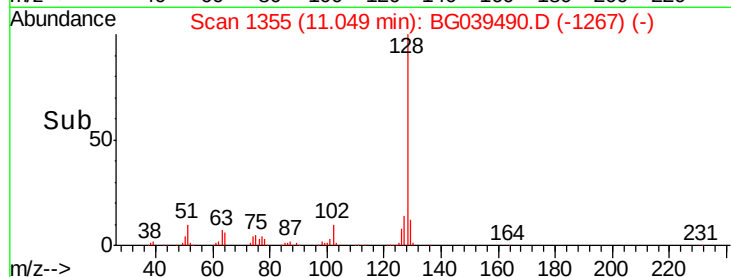
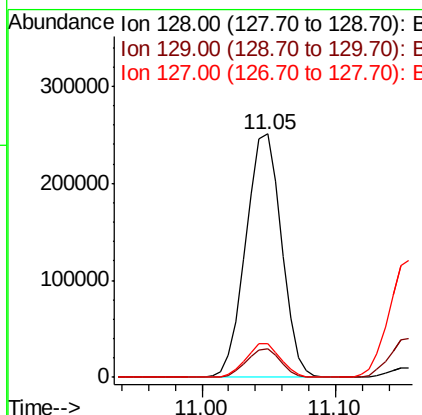
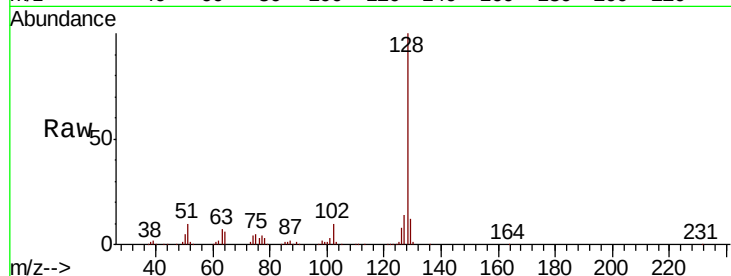




#31  
Naphthalene  
Concen: 39.727 ng  
RT: 11.05 min Scan# 1355  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

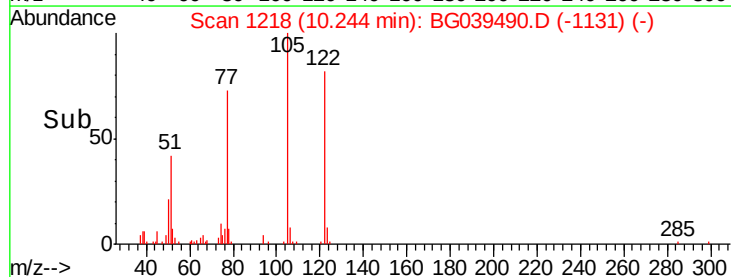
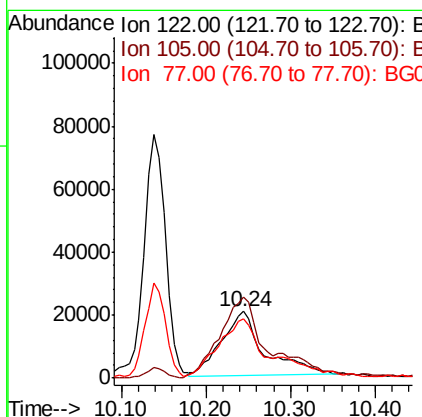
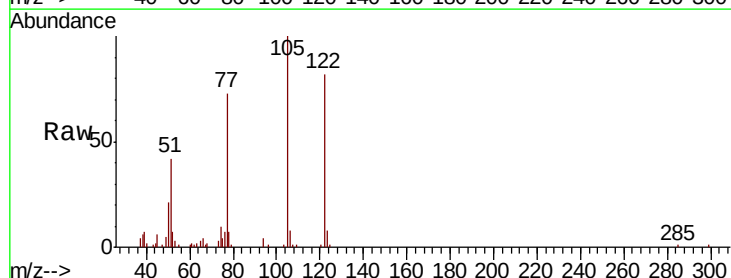
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

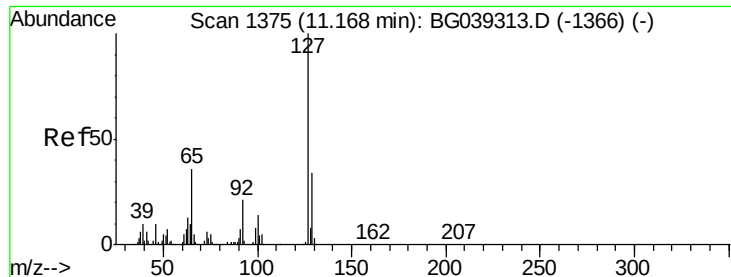
Tgt Ion:128 Resp: 462227  
Ion Ratio Lower Upper  
128 100  
129 11.9 8.7 13.1  
127 13.7 10.8 16.2



#32  
Benzoic acid  
Concen: 35.916 ng  
RT: 10.24 min Scan# 1218  
Delta R.T. -0.02 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Tgt Ion:122 Resp: 72986  
Ion Ratio Lower Upper  
122 100  
105 121.3 101.8 141.8  
77 88.8 76.3 116.3

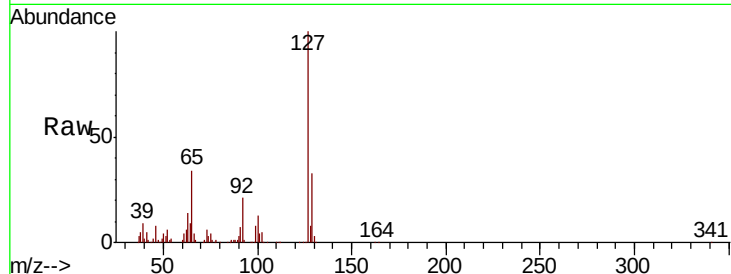




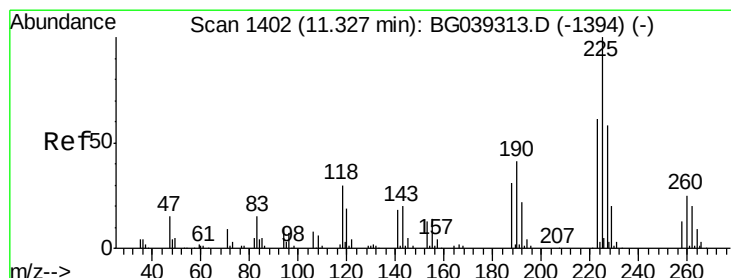
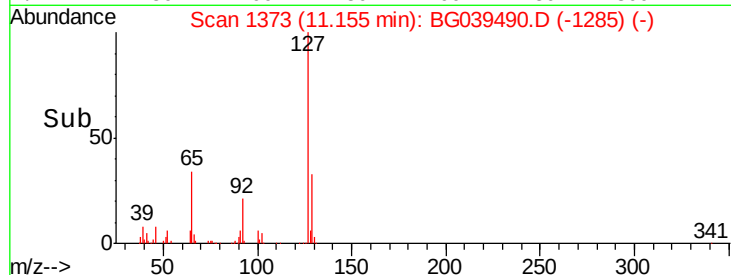
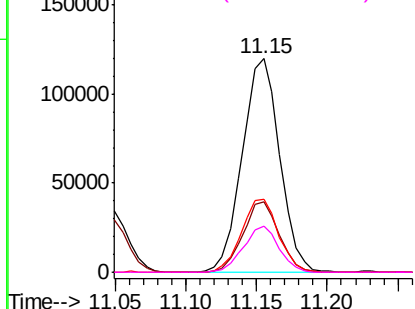
#33  
4-Chloroaniline  
Concen: 41.339 ng  
RT: 11.15 min Scan# 1373  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 223014 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.2  | 27.0  | 40.4   |
| 65       | 33.9  | 28.8  | 43.2   |
| 92       | 21.4  | 16.6  | 25.0   |

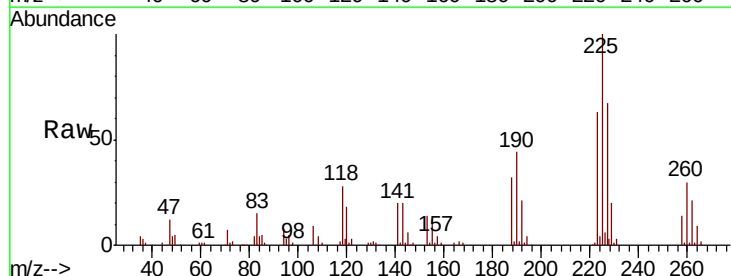


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

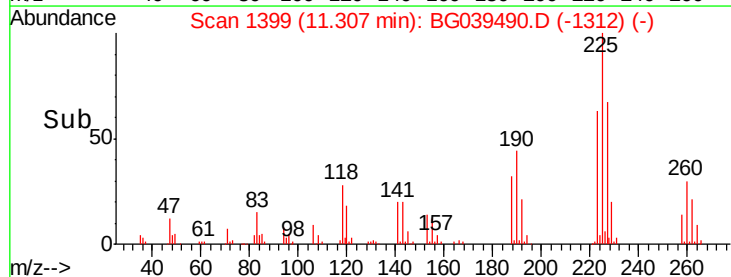
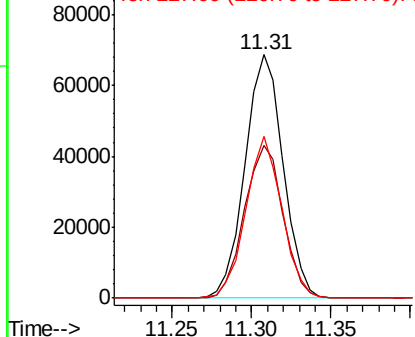


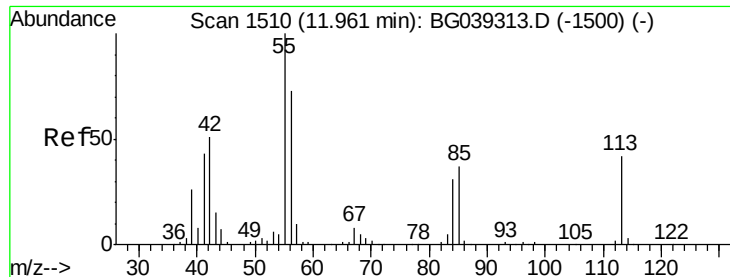
#34  
Hexachlorobutadiene  
Concen: 41.795 ng  
RT: 11.31 min Scan# 1399  
Delta R.T. -0.02 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 114776 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.5  | 49.0  | 73.6   |
| 227      | 66.5  | 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

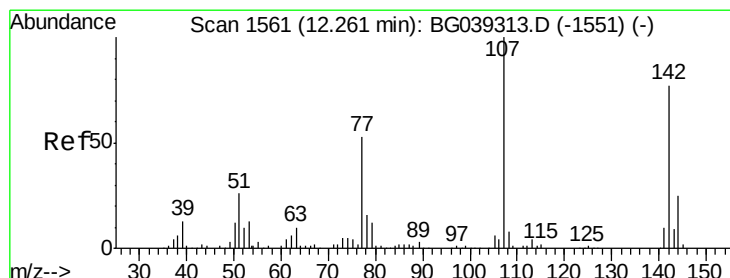
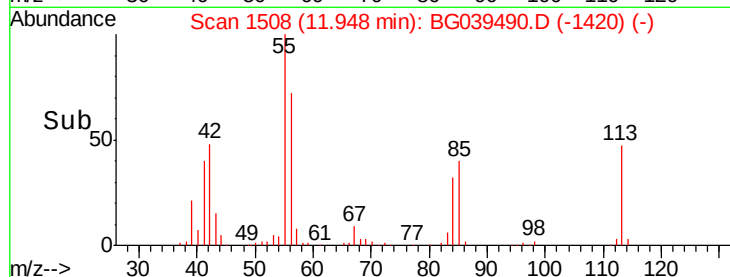
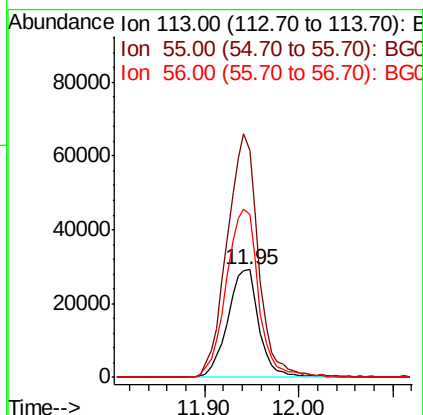
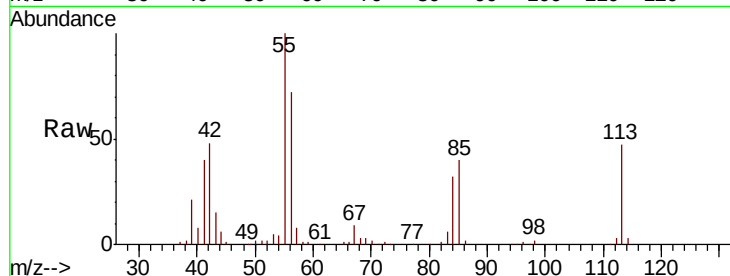




#35  
 Caprolactam  
 Concen: 44.195 ng  
 RT: 11.95 min Scan# 1508  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

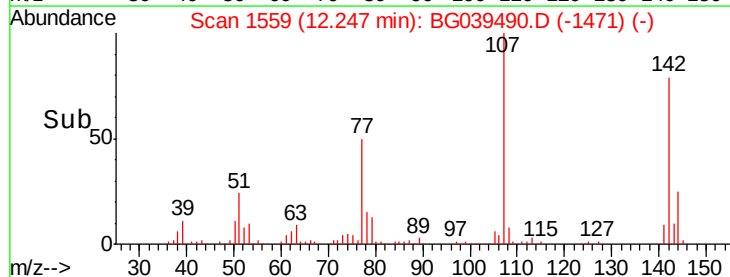
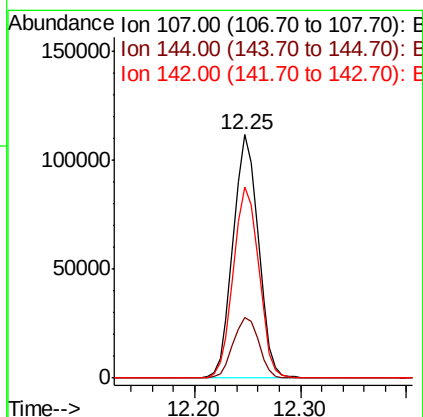
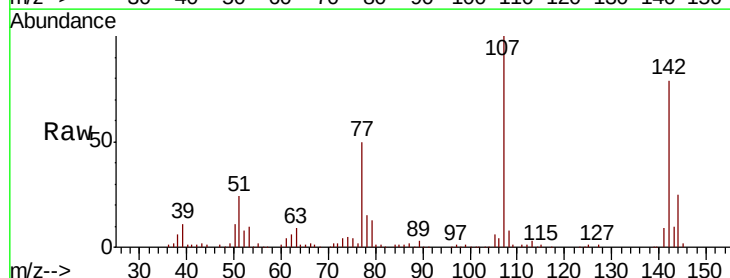
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

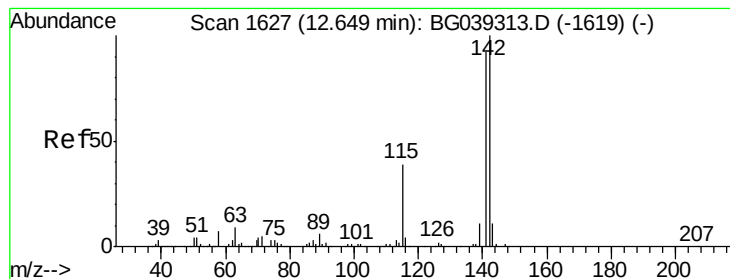
Tgt Ion:113 Resp: 67267  
 Ion Ratio Lower Upper  
 113 100  
 55 210.6 216.9 256.9#  
 56 152.0 152.6 192.6#



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.607 ng  
 RT: 12.25 min Scan# 1559  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

Tgt Ion:107 Resp: 185492  
 Ion Ratio Lower Upper  
 107 100  
 144 24.8 20.2 30.2  
 142 78.8 61.4 92.2





#37

2-Methylnaphthalene

Concen: 39.719 ng

RT: 12.64 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

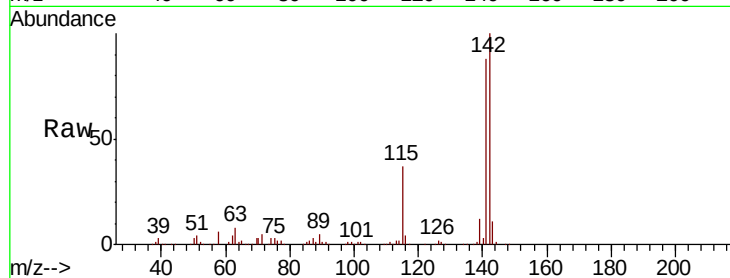
Tgt Ion:142 Resp: 342275

Ion Ratio Lower Upper

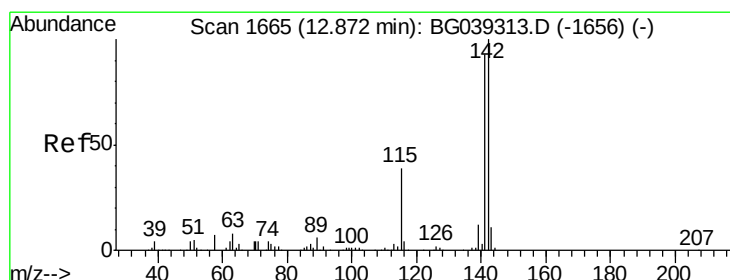
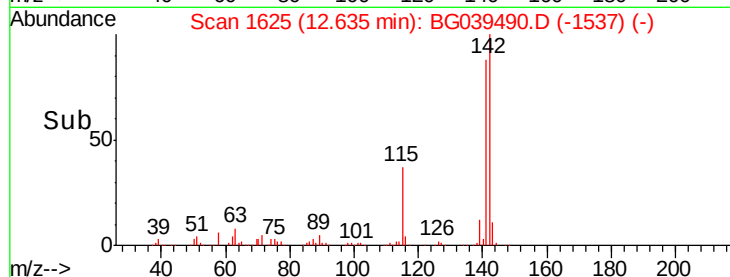
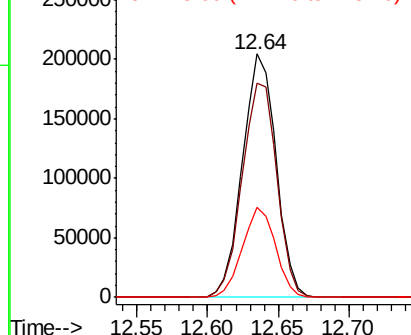
142 100

141 88.1 73.5 110.3

115 37.2 30.8 46.2



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.918 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

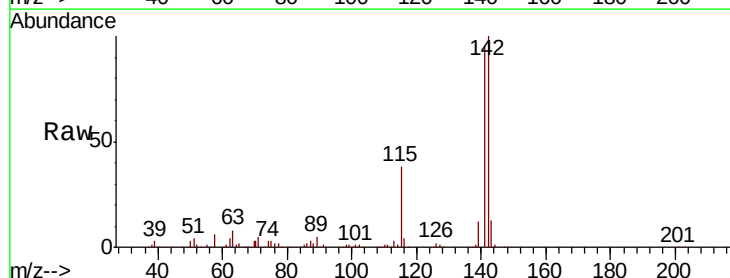
Tgt Ion:142 Resp: 331592

Ion Ratio Lower Upper

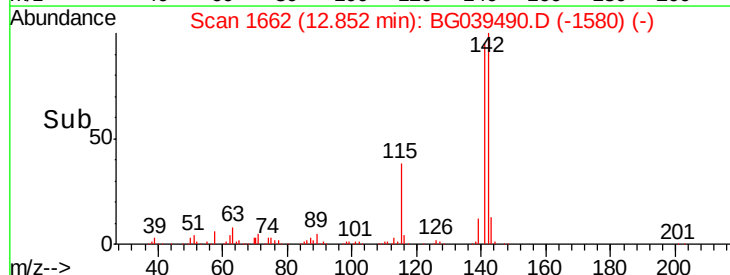
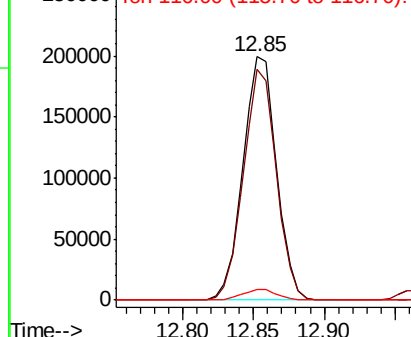
142 100

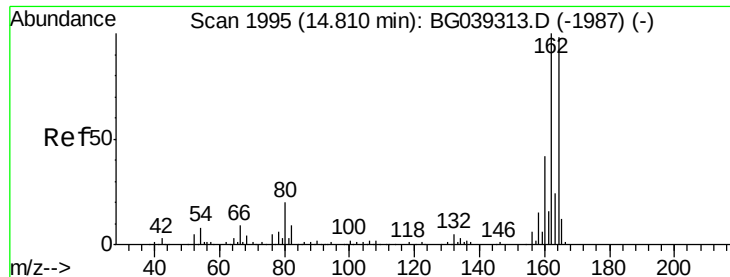
141 95.1 74.2 111.4

116 4.2 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

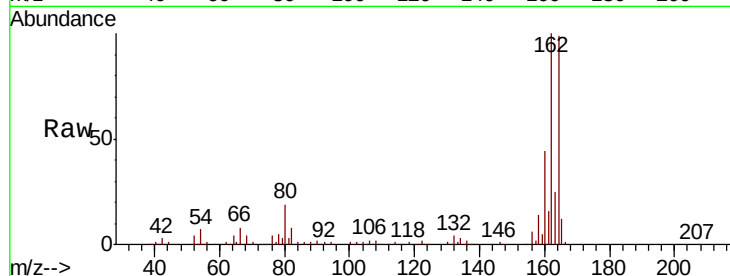
Tgt Ion:164 Resp: 162889

Ion Ratio Lower Upper

164 100

162 101.1 81.6 122.4

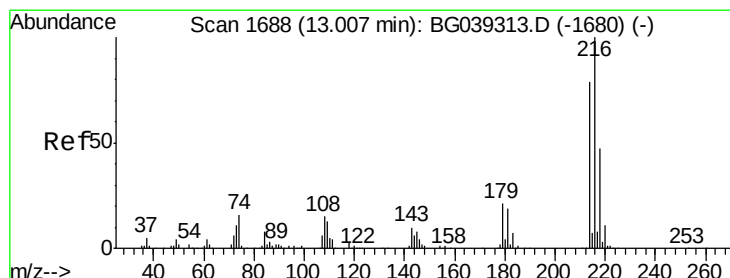
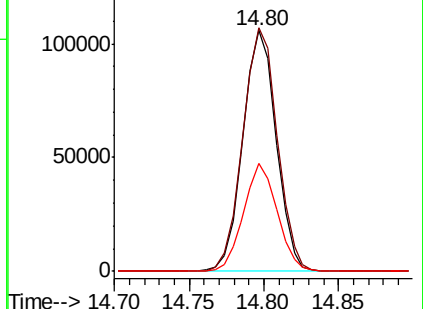
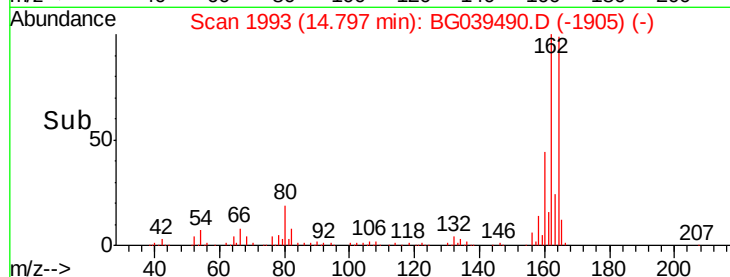
160 44.9 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.512 ng

RT: 12.99 min Scan# 1686

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Tgt Ion:216 Resp: 215144

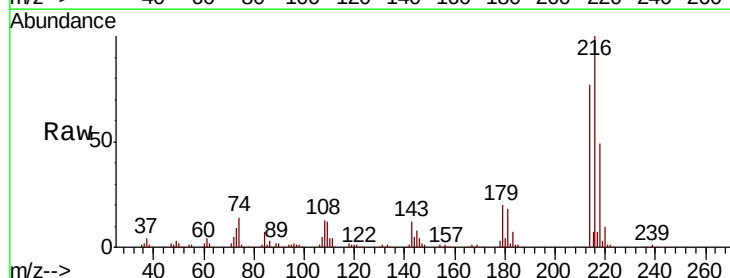
Ion Ratio Lower Upper

216 100

214 78.1 62.6 94.0

179 20.1 16.6 25.0

108 15.8 14.0 21.0

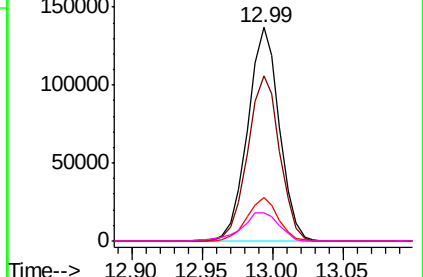
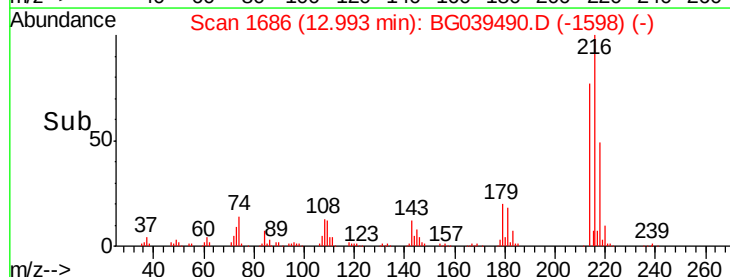


Abundance Ion 216.00 (215.70 to 216.70): E

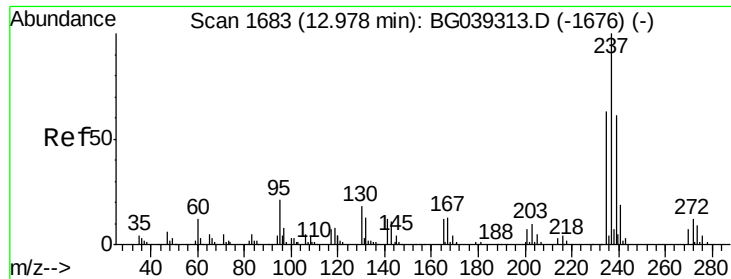
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 36.696 ng

RT: 12.96 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

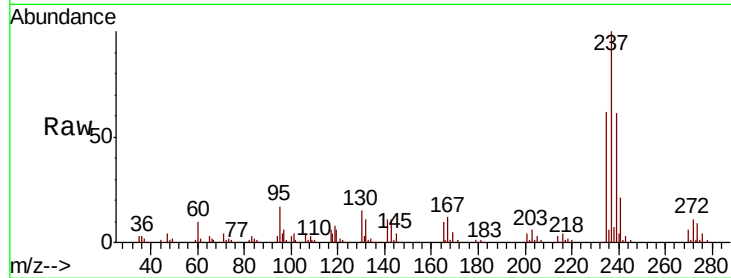
Tgt Ion: 237 Resp: 103633

Ion Ratio Lower Upper

237 100

235 61.7 43.3 83.3

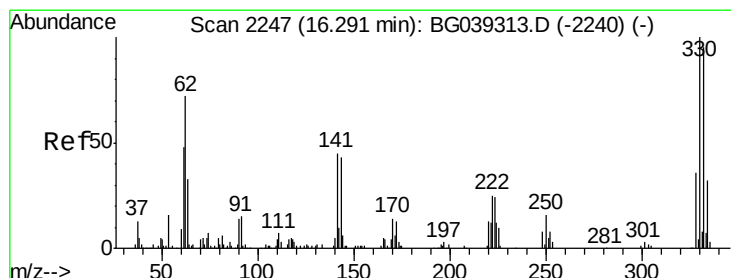
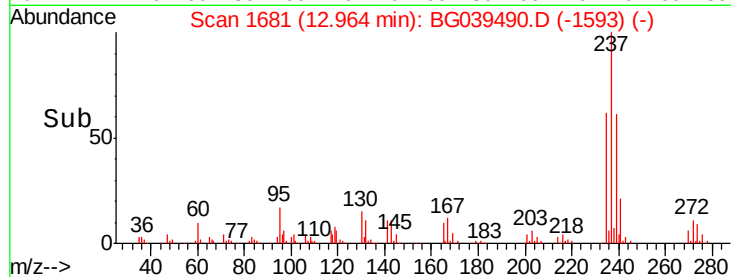
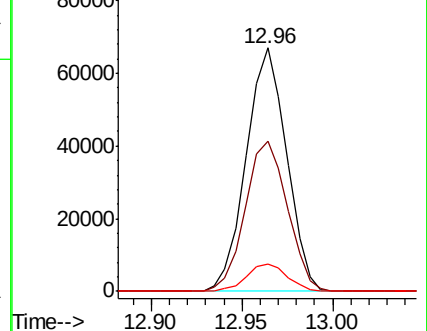
272 11.3 0.0 32.3



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: 89.325 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

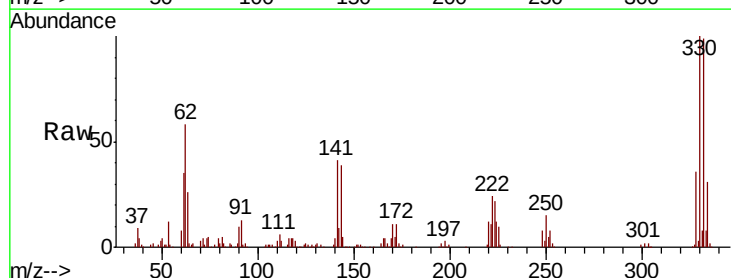
Tgt Ion: 330 Resp: 156680

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

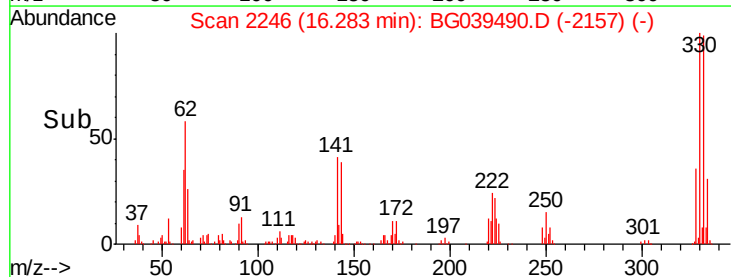
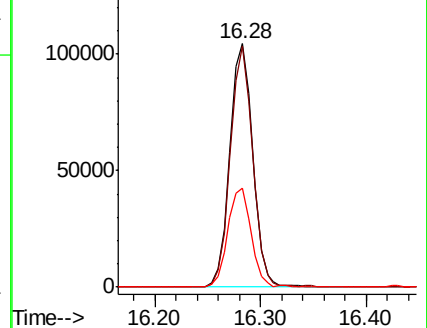
141 41.6 35.6 53.4

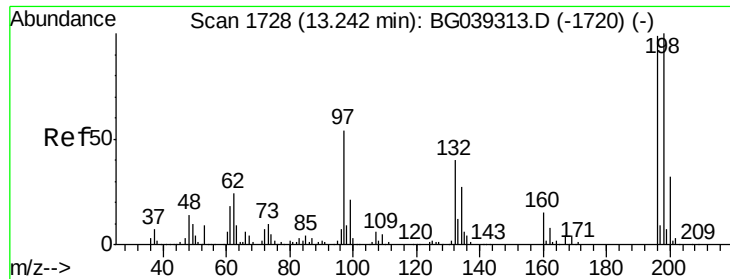


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

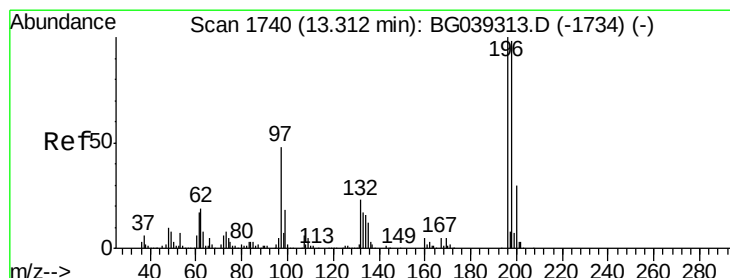
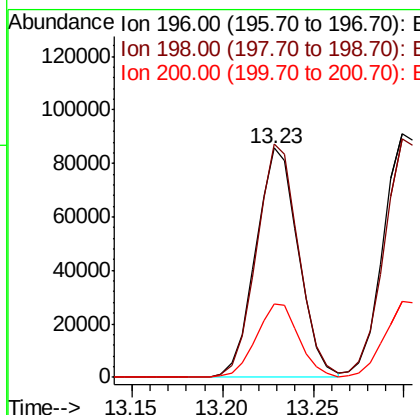
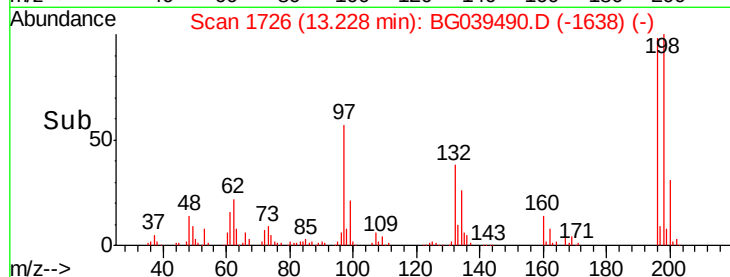
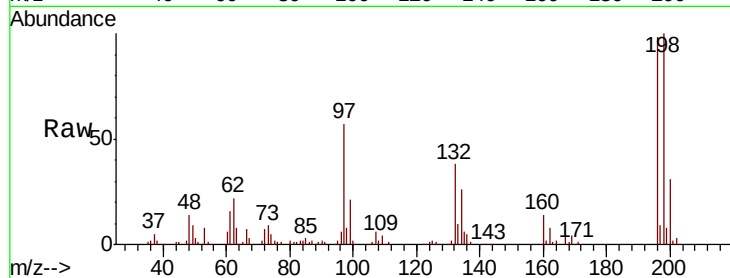




#43  
 2,4,6-Trichlorophenol  
 Concen: 44.155 ng  
 RT: 13.23 min Scan# 1726  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

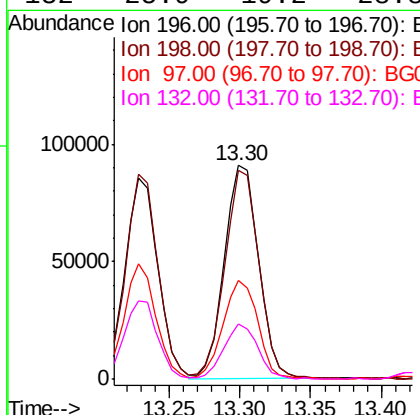
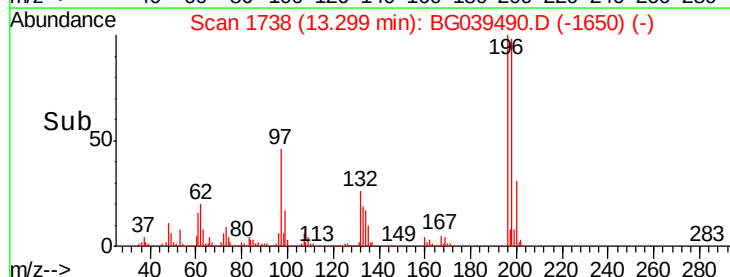
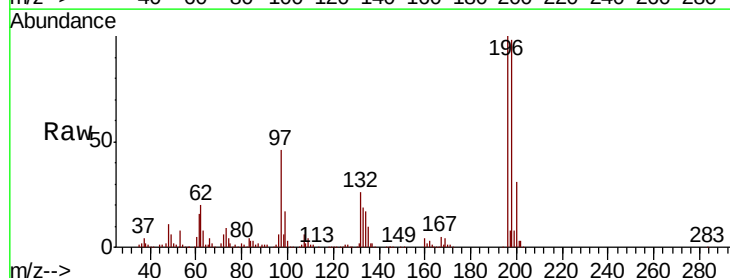
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDC040

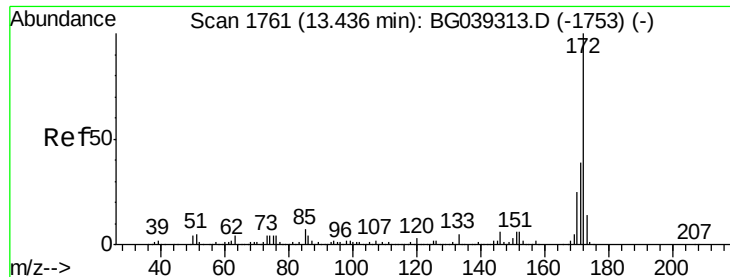
Tgt Ion:196 Resp: 140702  
 Ion Ratio Lower Upper  
 196 100  
 198 101.9 80.6 121.0  
 200 32.0 26.1 39.1



#44  
 2,4,5-Trichlorophenol  
 Concen: 46.160 ng  
 RT: 13.30 min Scan# 1738  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

Tgt Ion:196 Resp: 154166  
 Ion Ratio Lower Upper  
 196 100  
 198 98.0 78.5 117.7  
 97 46.4 38.4 57.6  
 132 25.9 19.2 28.8

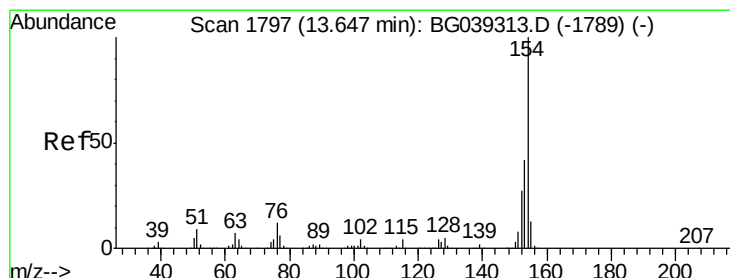
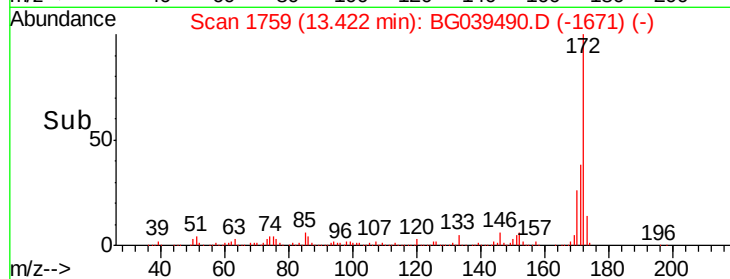
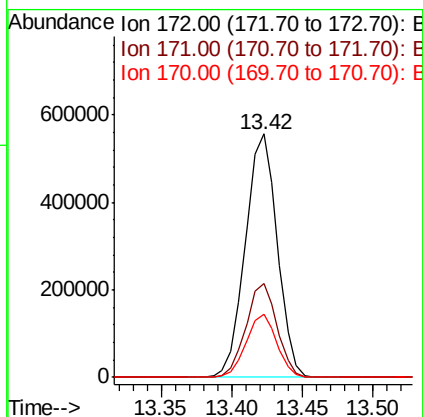
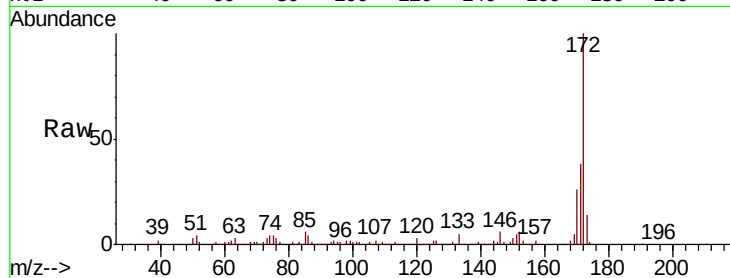




#45  
 2-Fluorobiphenyl  
 Concen: 77.478 ng  
 RT: 13.42 min Scan# 1759  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

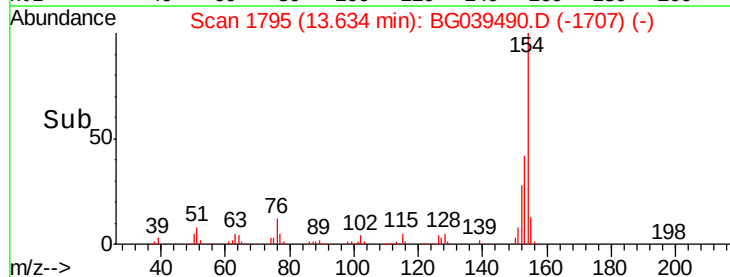
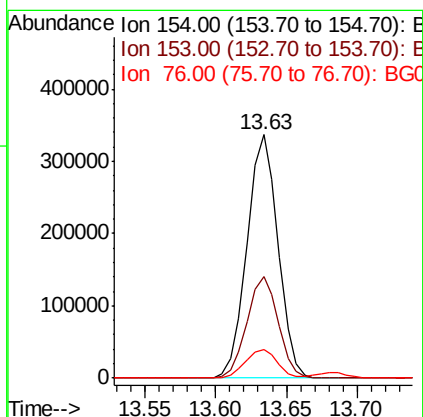
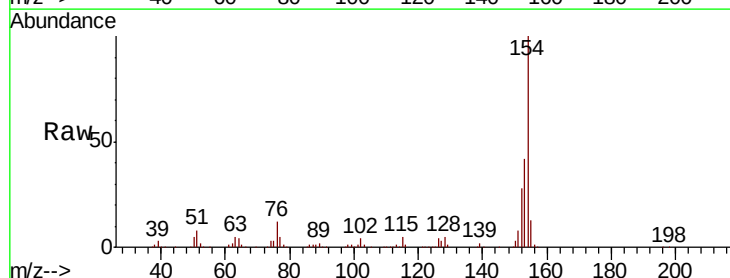
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

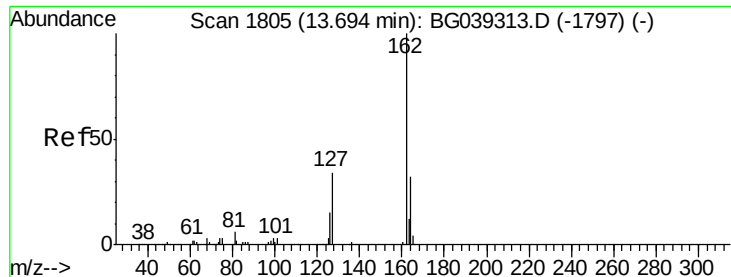
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.5  | 30.8  | 46.2  |
| 170     | 25.8  | 20.2  | 30.4  |



#46  
 1,1'-Biphenyl  
 Concen: 38.298 ng  
 RT: 13.63 min Scan# 1795  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.0  | 22.1  | 62.1  |
| 76      | 11.9  | 0.0   | 32.4  |

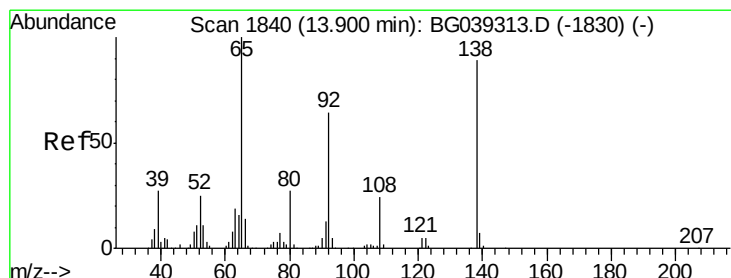
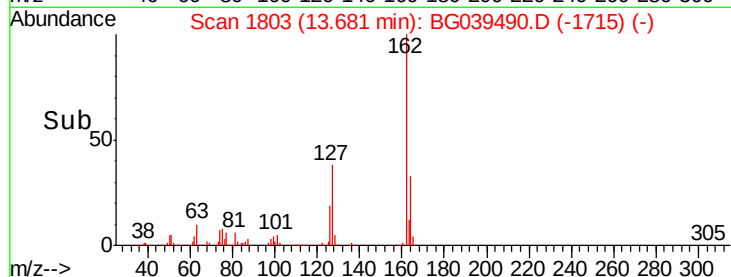
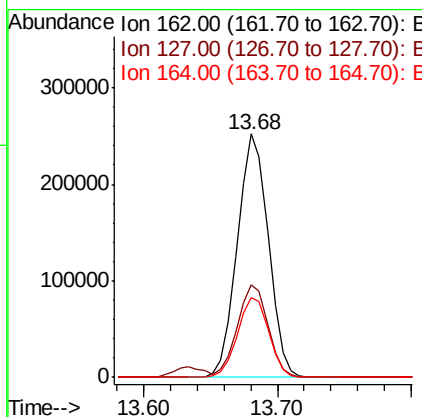
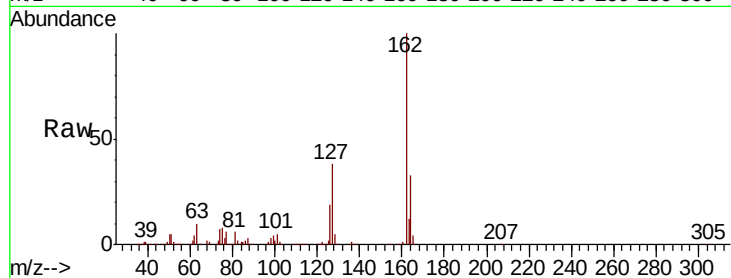




#47  
 2-Chloronaphthalene  
 Concen: 39.665 ng  
 RT: 13.68 min Scan# 1803  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

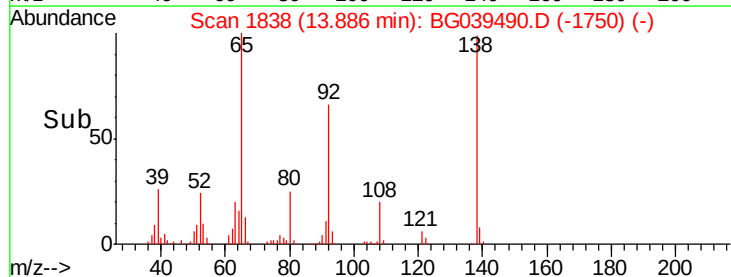
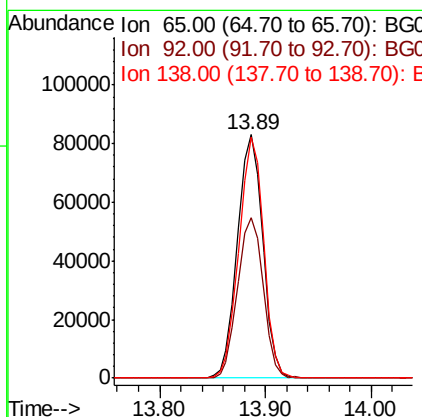
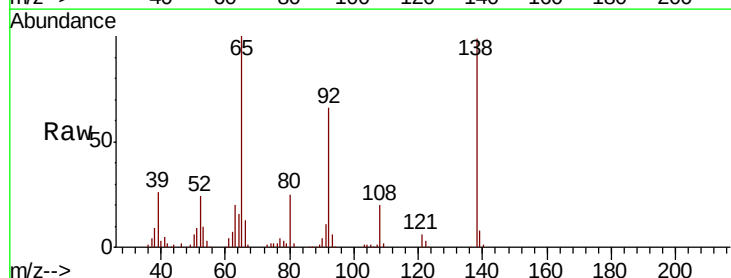
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

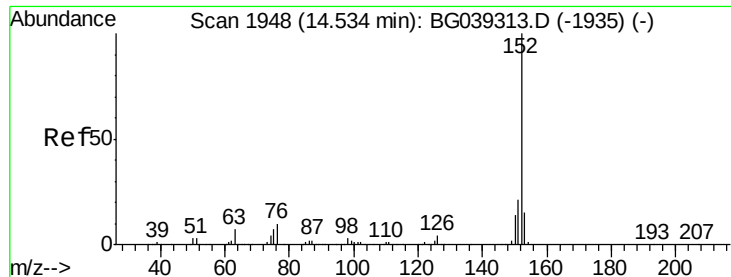
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.8  | 31.0  | 46.6  |
| 164     | 32.7  | 25.7  | 38.5  |



#48  
 2-Nitroaniline  
 Concen: 47.127 ng  
 RT: 13.89 min Scan# 1838  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 66.0  | 51.4  | 77.2  |
| 138     | 98.8  | 71.4  | 107.2 |





#49

Acenaphthylene

Concen: 39.172 ng

RT: 14.52 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

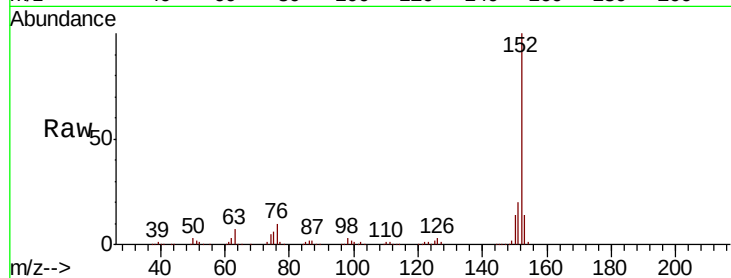
Tgt Ion:152 Resp: 602631

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

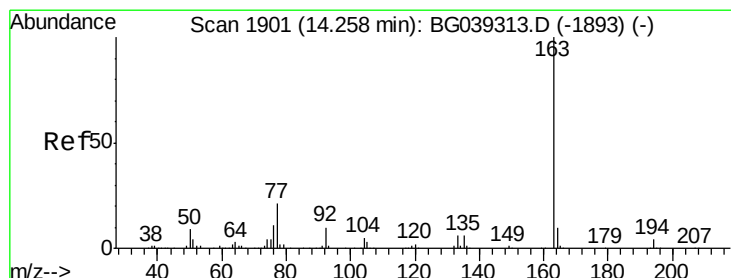
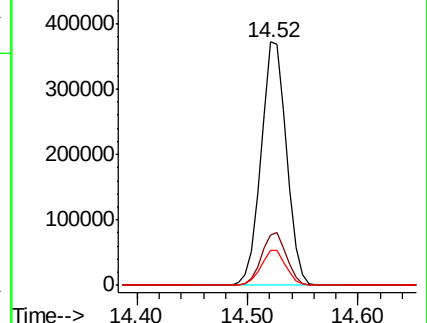
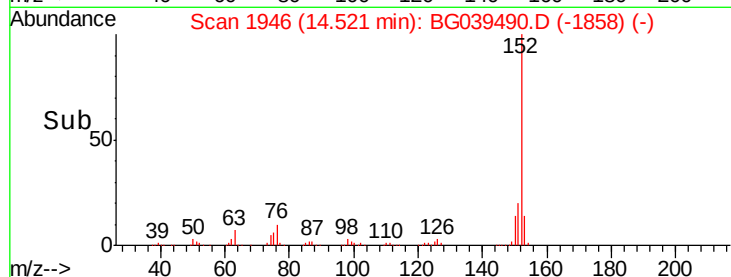
153 14.5 11.7 17.5



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: 39.506 ng

RT: 14.24 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

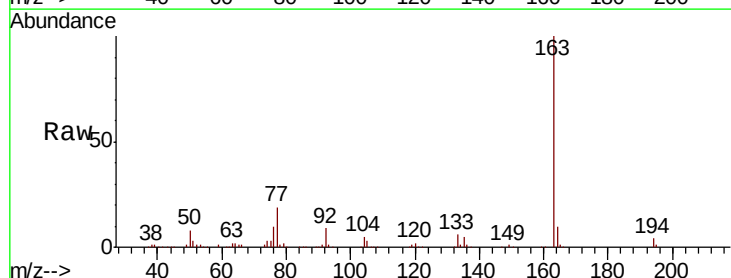
Tgt Ion:163 Resp: 519729

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

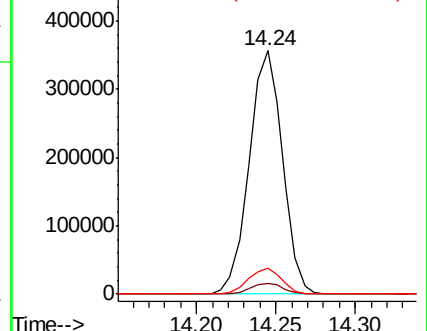
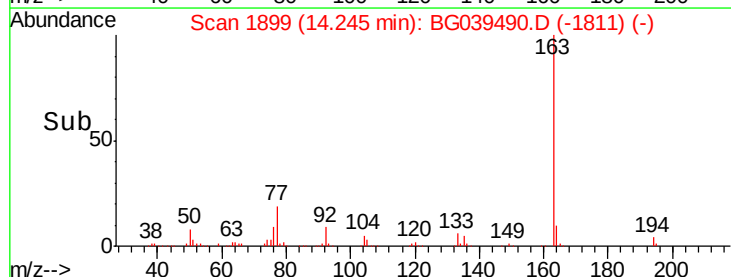
164 10.5 8.4 12.6

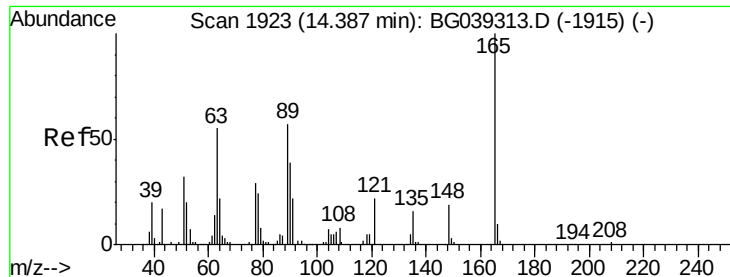


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

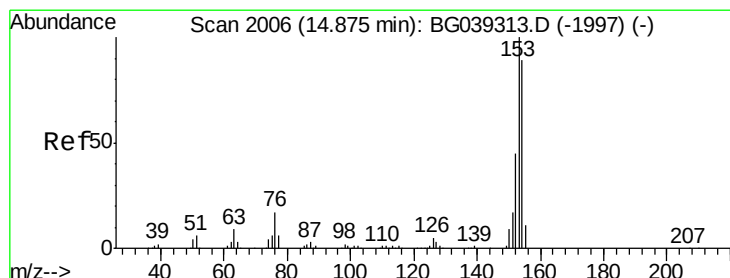
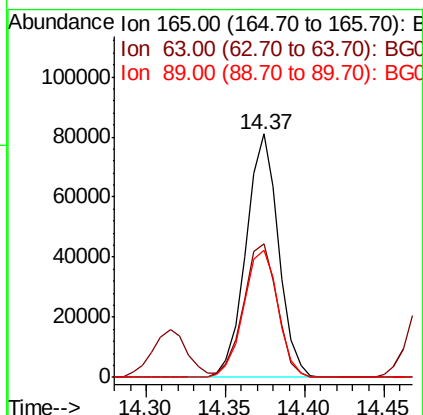
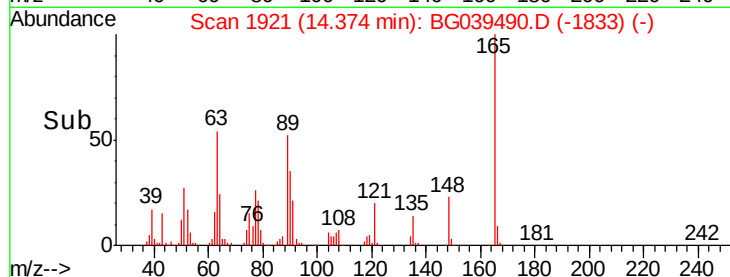
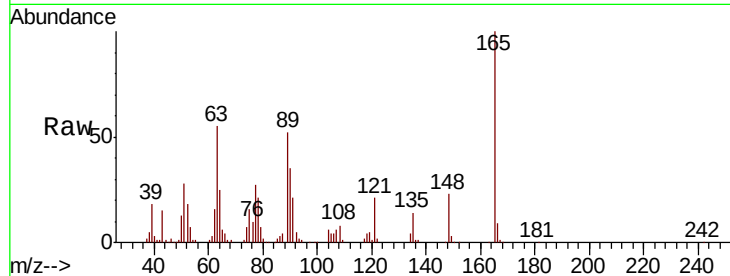




#51  
 2,6-Dinitrotoluene  
 Concen: 46.995 ng  
 RT: 14.37 min Scan# 1921  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

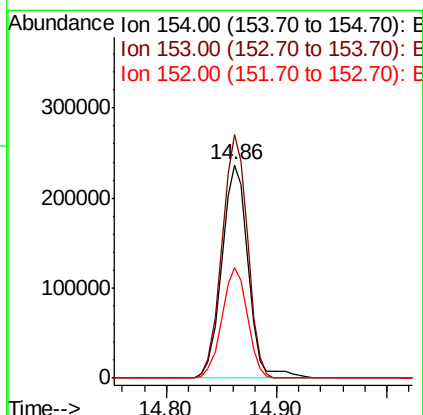
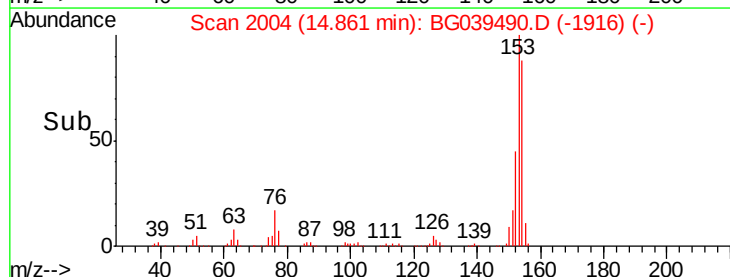
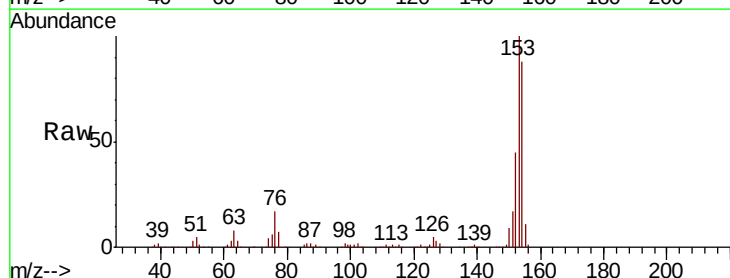
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

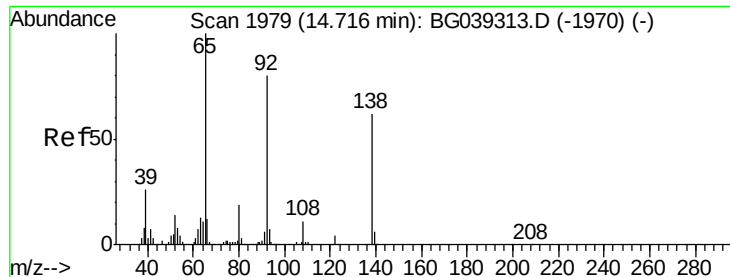
Tgt Ion:165 Resp: 115155  
 Ion Ratio Lower Upper  
 165 100  
 63 55.0 47.0 70.6  
 89 52.4 45.8 68.8



#52  
 Acenaphthene  
 Concen: 39.421 ng  
 RT: 14.86 min Scan# 2004  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

Tgt Ion:154 Resp: 393661  
 Ion Ratio Lower Upper  
 154 100  
 153 114.2 90.1 135.1  
 152 51.6 40.9 61.3

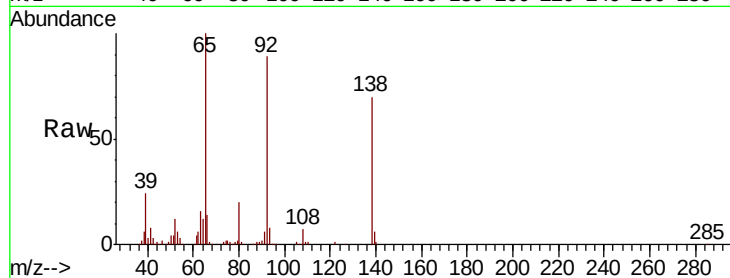




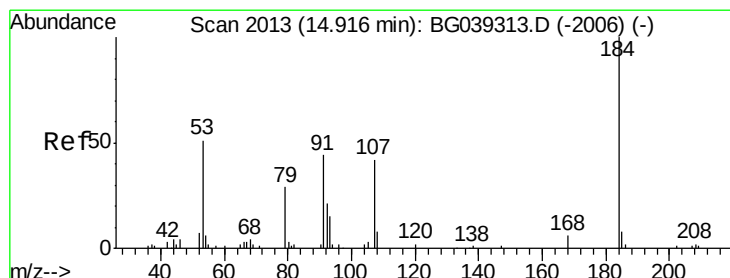
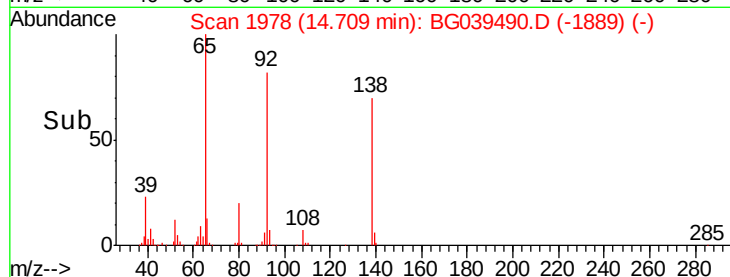
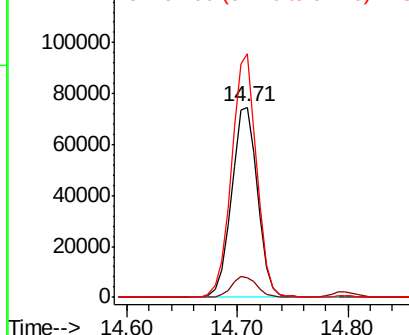
#53  
3-Nitroaniline  
Concen: 46.630 ng  
RT: 14.71 min Scan# 1978  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:138 Resp: 123211  
Ion Ratio Lower Upper  
138 100  
108 10.3 13.8 20.8#  
92 128.2 103.7 155.5

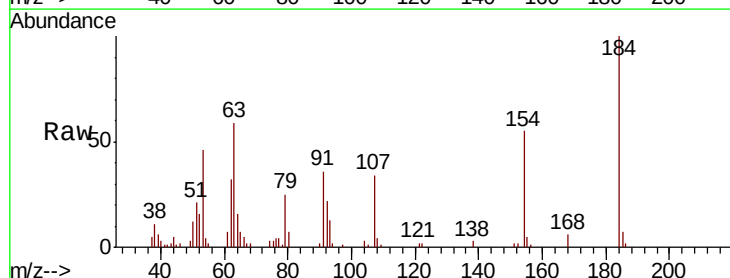


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BGC

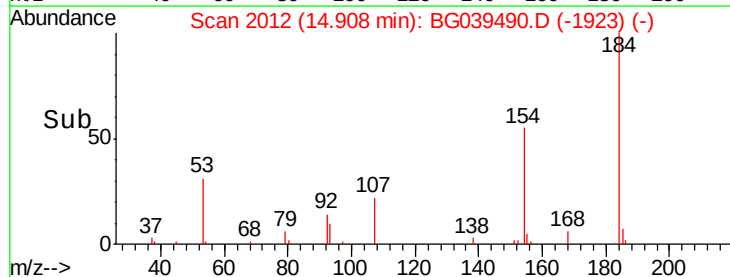
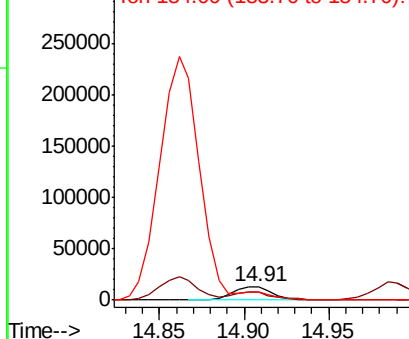


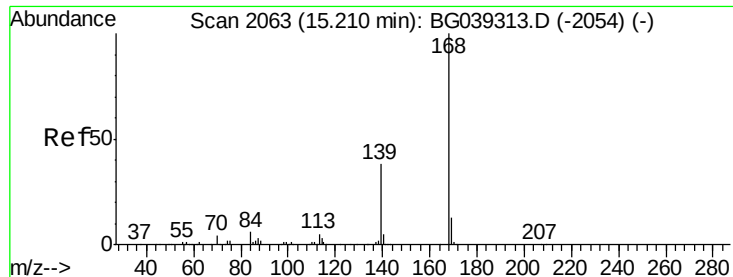
#54  
2,4-Dinitrophenol  
Concen: 30.433 ng  
RT: 14.91 min Scan# 2012  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Tgt Ion:184 Resp: 22648  
Ion Ratio Lower Upper  
184 100  
63 59.2 50.9 76.3  
154 54.9 53.0 79.6



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

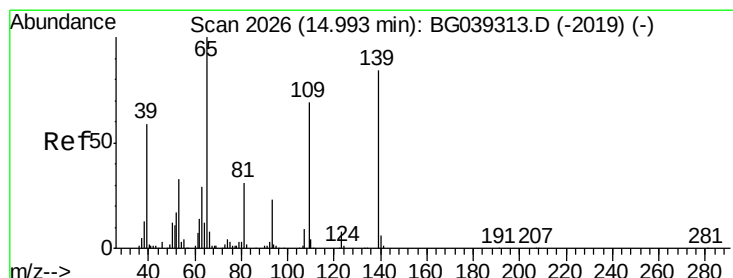
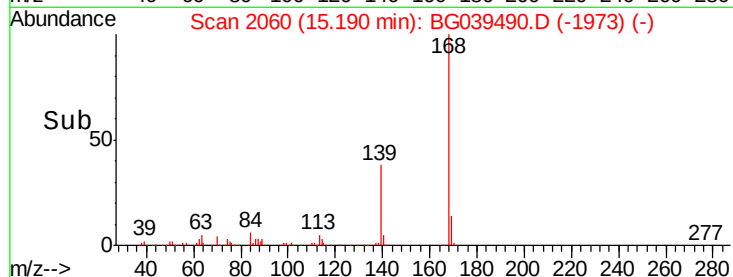
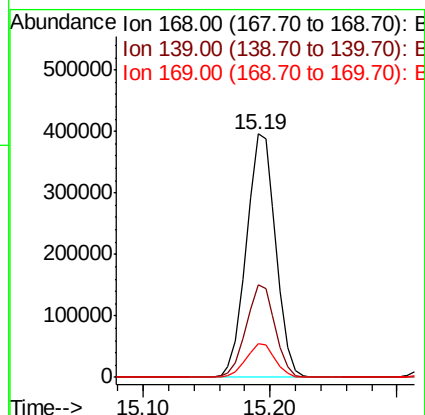
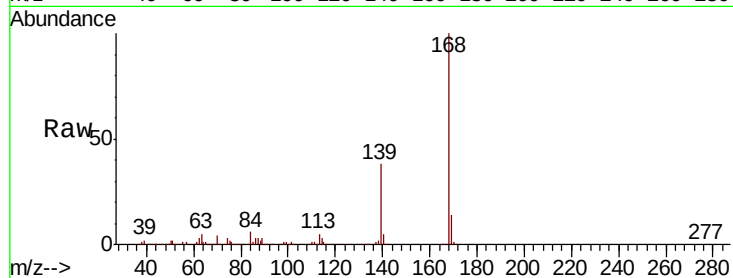




#55  
Dibenzenofuran  
Concen: 39.605 ng  
RT: 15.19 min Scan# 2060  
Delta R.T. -0.02 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

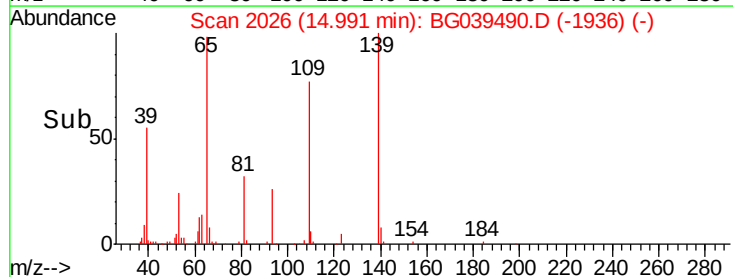
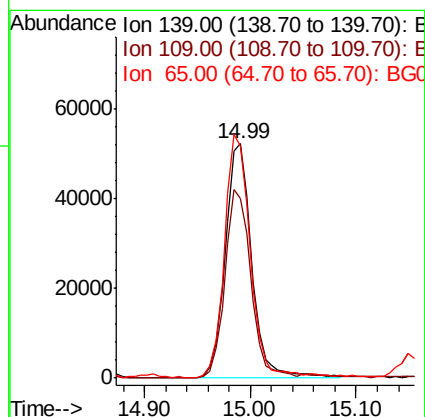
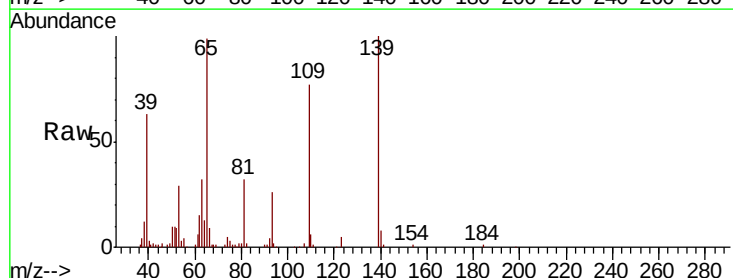
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:168 Resp: 634118  
Ion Ratio Lower Upper  
168 100  
139 38.3 30.1 45.1  
169 14.1 10.6 16.0

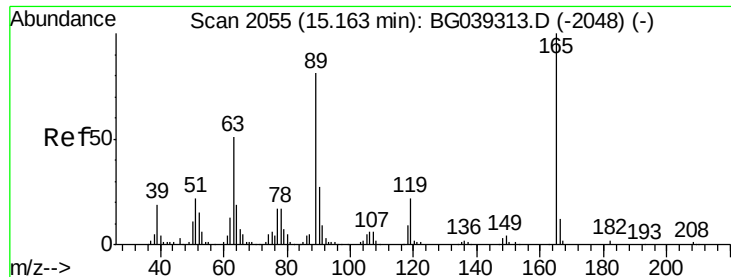


#56  
4-Nitrophenol  
Concen: 41.188 ng  
RT: 14.99 min Scan# 2026  
Delta R.T. -0.00 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Tgt Ion:139 Resp: 90764  
Ion Ratio Lower Upper  
139 100  
109 76.8 61.9 101.9  
65 99.1 99.1 139.1







#57

2,4-Dinitrotoluene

Concen: 50.755 ng

RT: 15.16 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

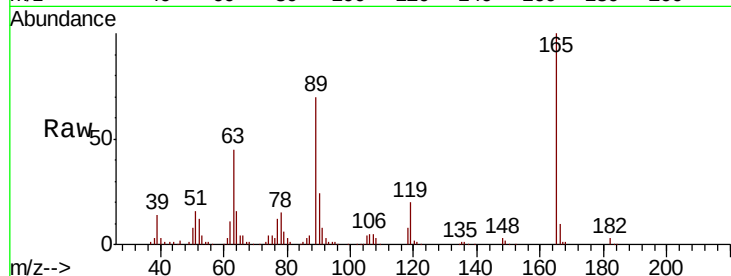
Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 161543 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 45.2  | 41.0  | 61.6   |
| 89       | 69.5  | 64.6  | 96.8   |
| 182      | 3.5   | 2.0   | 3.0#   |



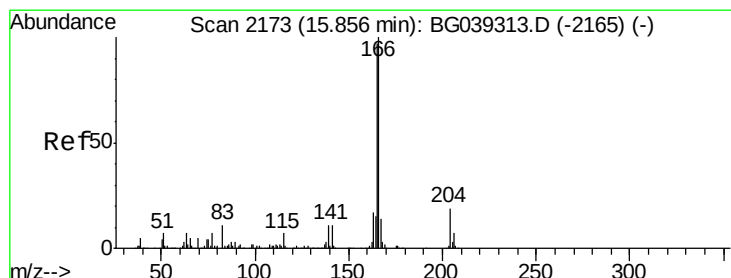
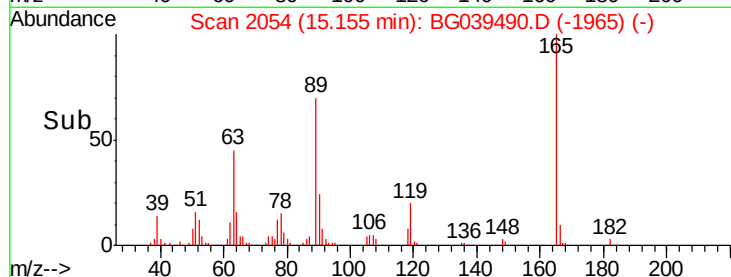
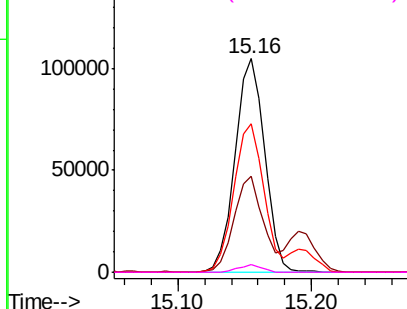
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 38.766 ng

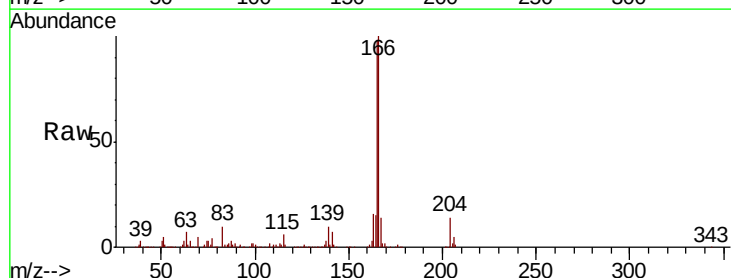
RT: 15.84 min Scan# 2171

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 462696 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 97.8  | 77.9  | 116.9  |
| 167      | 13.9  | 10.8  | 16.2   |

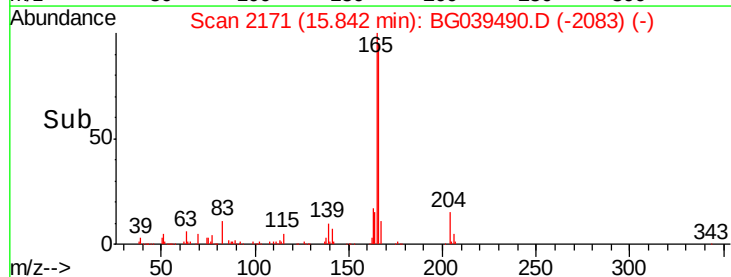
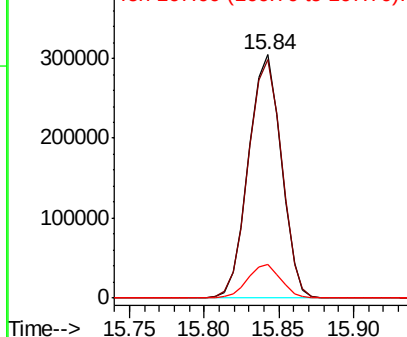


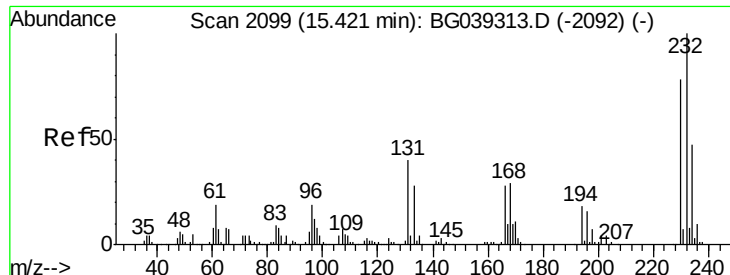
Abundance

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

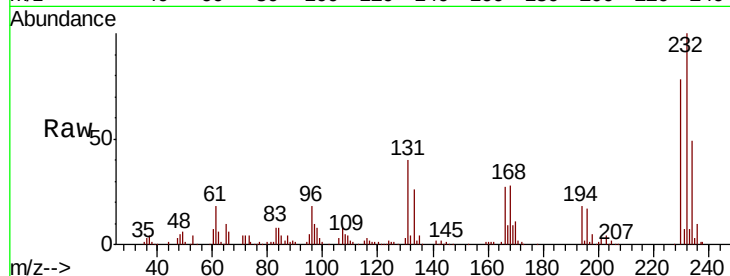




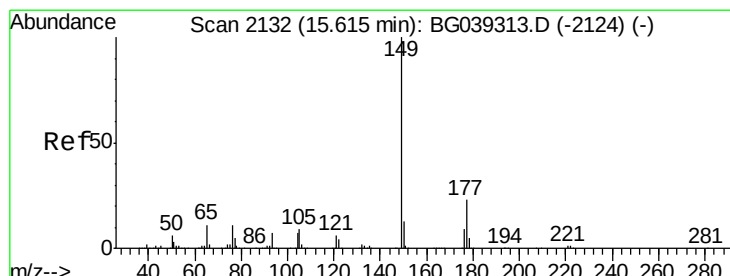
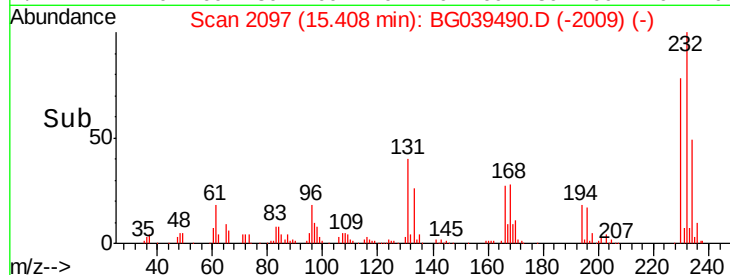
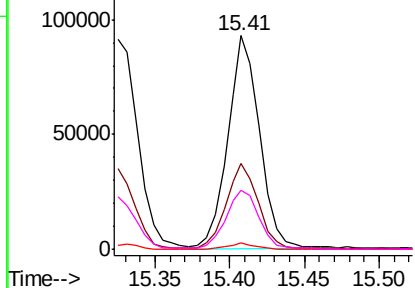
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.879 ng  
 RT: 15.41 min Scan# 2097  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 137214 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 41.6  | 34.9  | 52.3   |
| 130      | 2.5   | 2.0   | 3.0    |
| 166      | 28.9  | 24.1  | 36.1   |

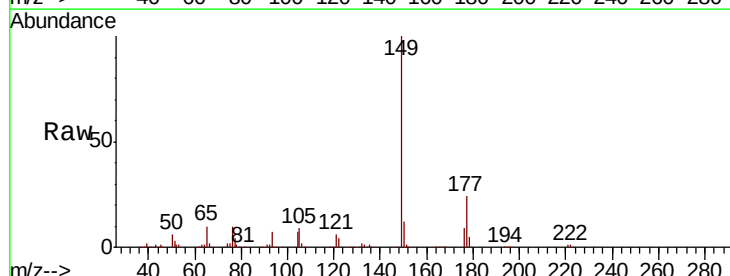


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

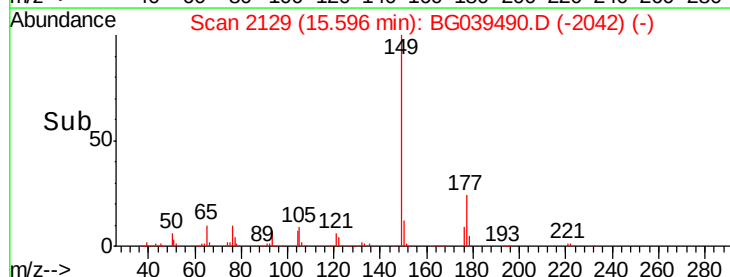
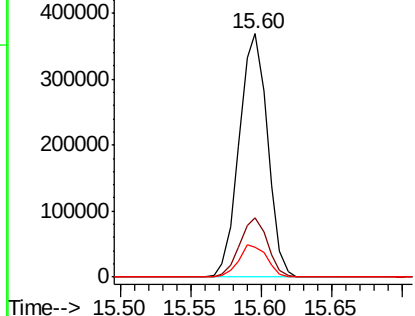


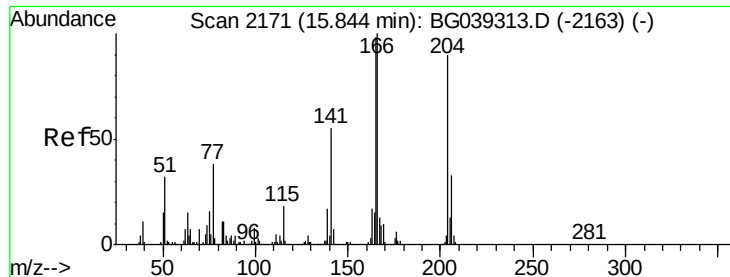
#60  
 Diethylphthalate  
 Concen: 38.084 ng  
 RT: 15.60 min Scan# 2129  
 Delta R.T. -0.02 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 518017 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.2  | 18.3  | 27.5   |
| 150      | 12.5  | 10.2  | 15.2   |



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

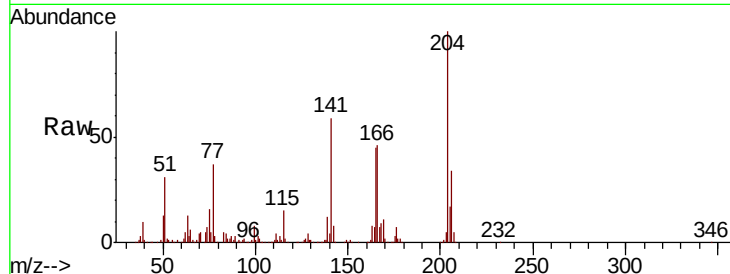




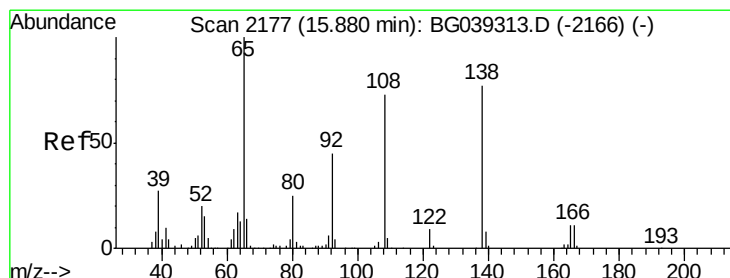
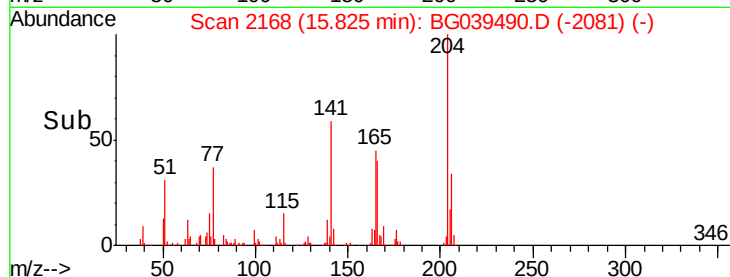
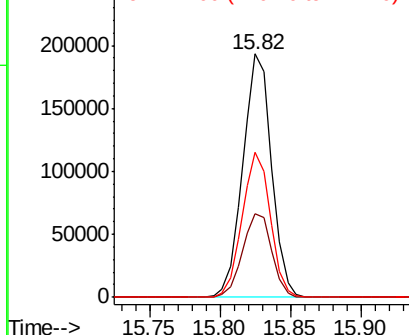
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.647 ng  
 RT: 15.82 min Scan# 2168  
 Delta R.T. -0.02 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion: 204 Resp: 274708  
 Ion Ratio Lower Upper  
 204 100  
 206 34.3 29.2 43.8  
 141 59.3 49.0 73.4

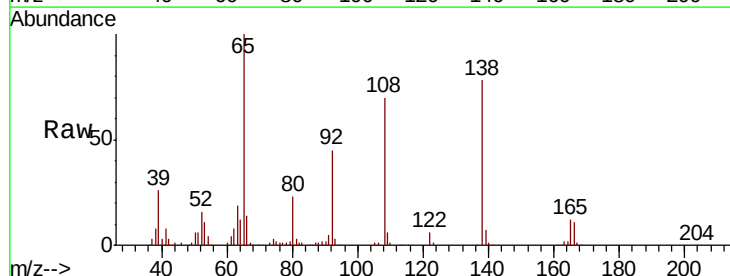


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

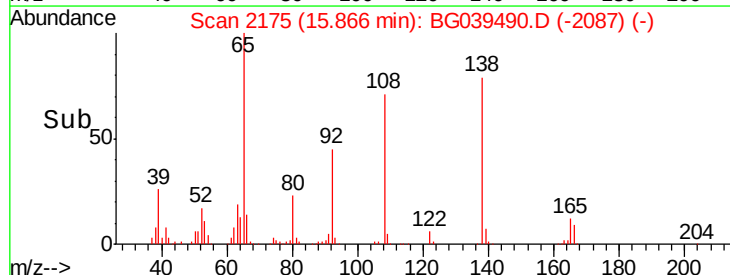
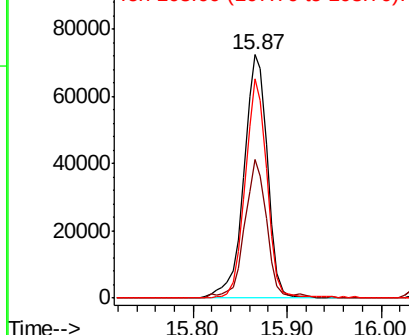


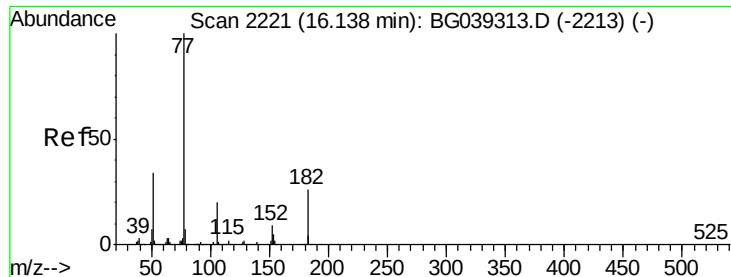
#62  
 4-Nitroaniline  
 Concen: 45.609 ng  
 RT: 15.87 min Scan# 2175  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

Tgt Ion: 138 Resp: 125187  
 Ion Ratio Lower Upper  
 138 100  
 92 56.9 38.7 78.7  
 108 89.9 74.6 114.6



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





#63

Azobenzene

Concen: 36.463 ng

RT: 16.12 min Scan# 2218

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 484765

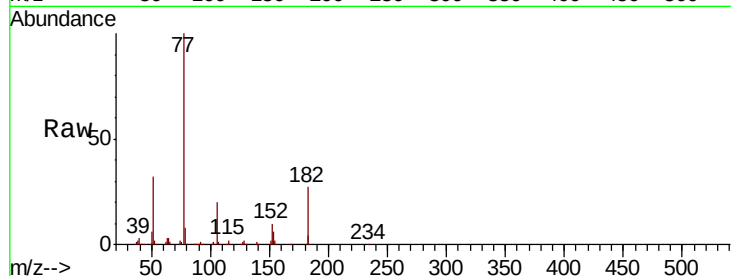
Ion Ratio Lower Upper

77 100

182 27.3 6.4 46.4

105 19.8 0.0 39.8

51 32.4 14.1 54.1

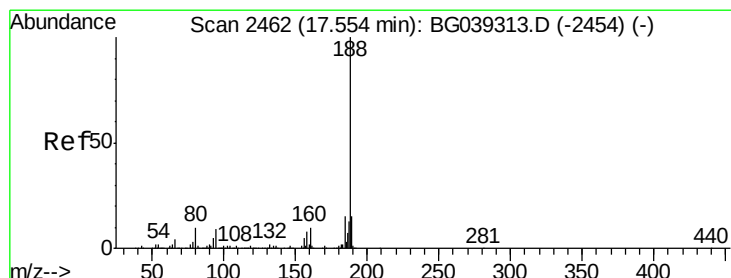
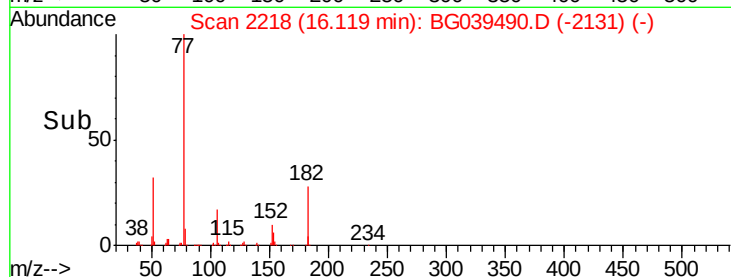
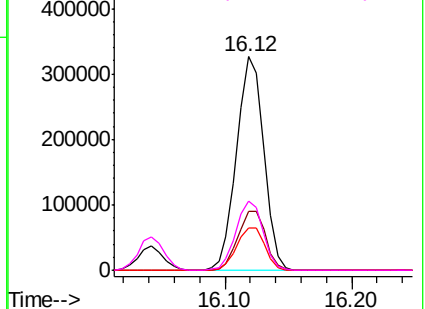


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

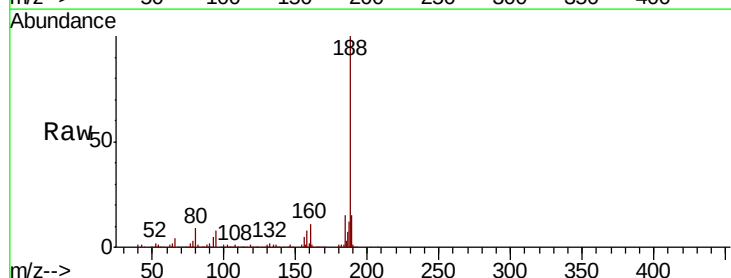
Tgt Ion: 188 Resp: 391238

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

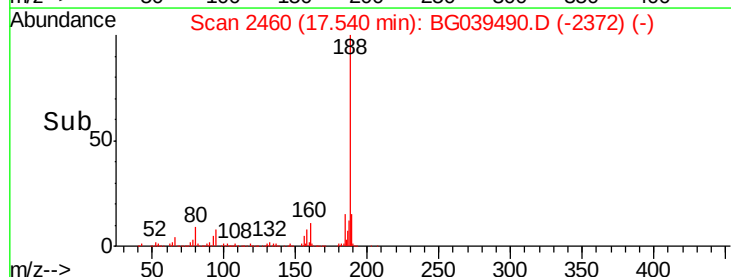
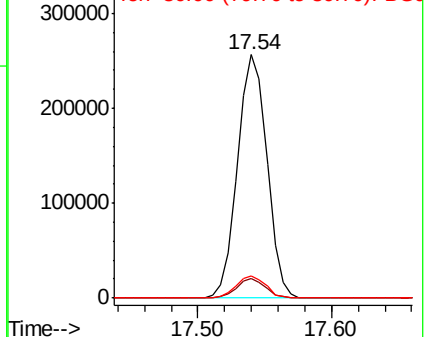
80 8.9 8.1 12.1

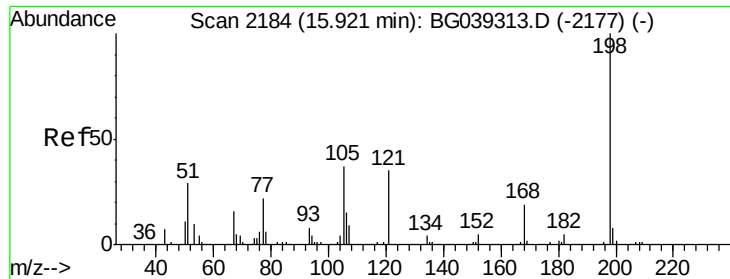


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

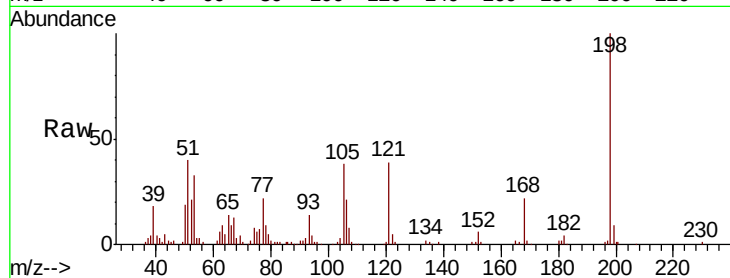




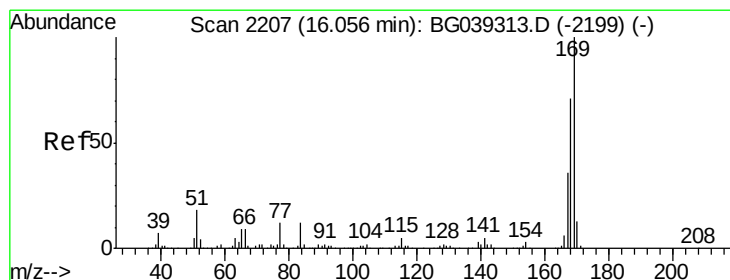
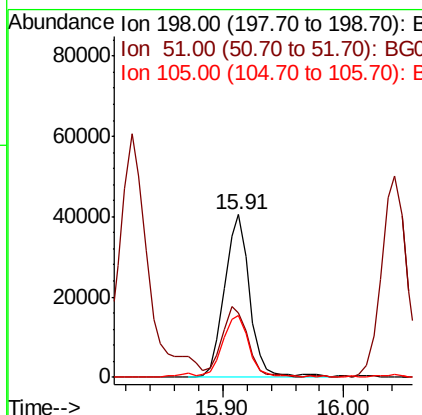
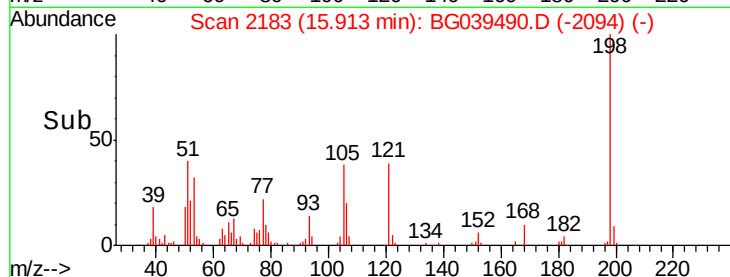
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 40.917 ng  
 RT: 15.91 min Scan# 2183  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tgt Ion:198 Resp: 59146  
 Ion Ratio Lower Upper  
 198 100  
 51 39.6 27.4 67.4  
 105 37.7 19.7 59.7

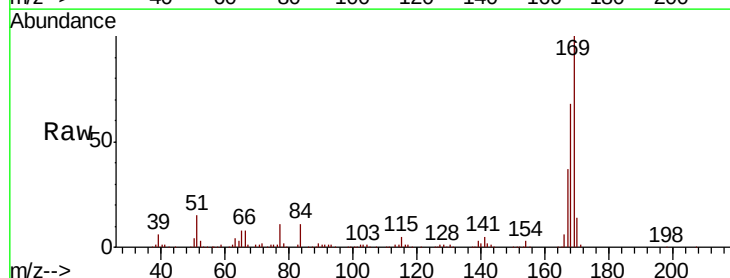


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

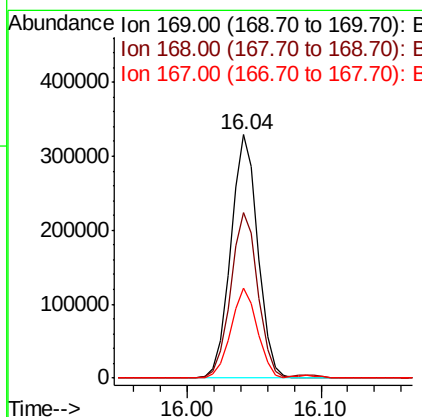
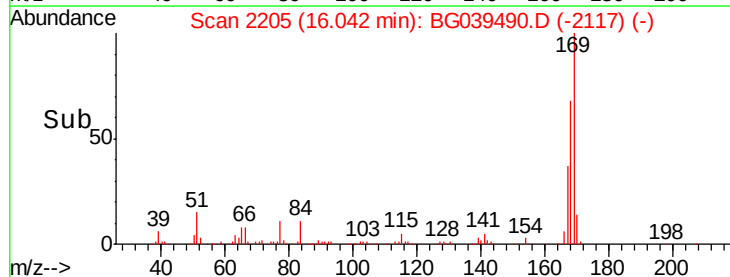


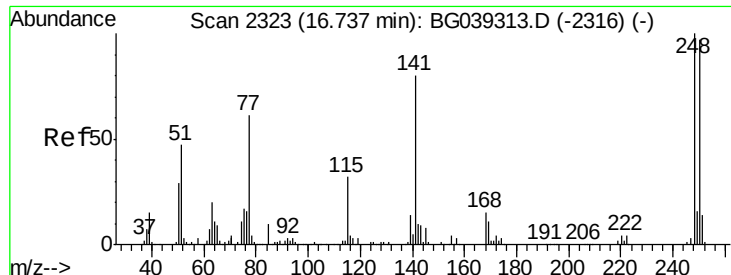
#66  
 n-Nitrosodiphenylamine  
 Concen: 39.040 ng  
 RT: 16.04 min Scan# 2205  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

Tgt Ion:169 Resp: 464423  
 Ion Ratio Lower Upper  
 169 100  
 168 67.9 56.6 85.0  
 167 36.8 28.8 43.2



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

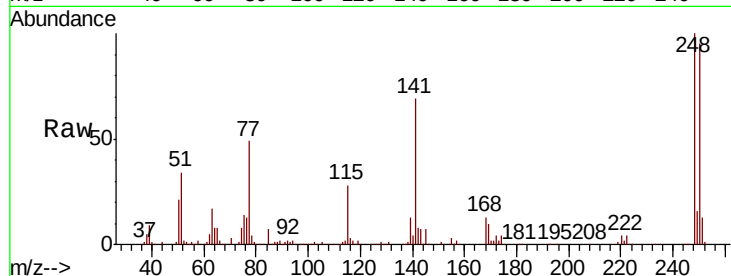




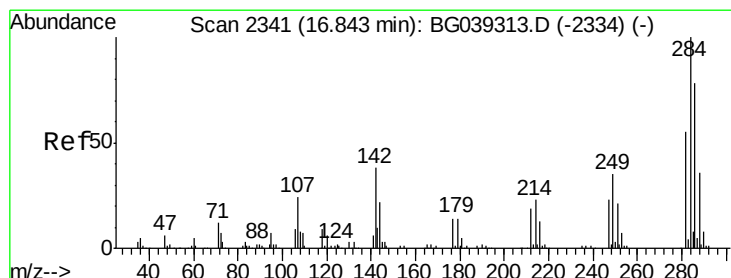
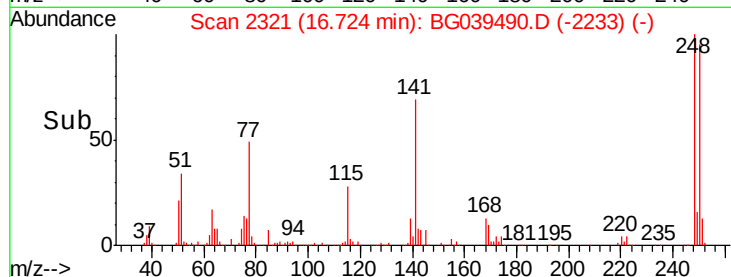
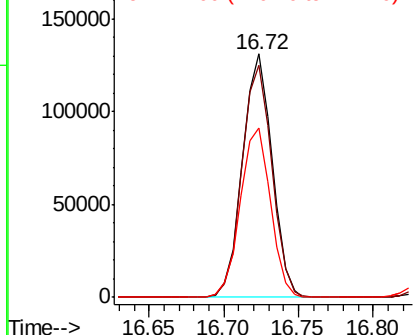
#67  
4-Bromophenyl-phenylether  
Concen: 41.404 ng  
RT: 16.72 min Scan# 2321  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:248 Resp: 179706  
Ion Ratio Lower Upper  
248 100  
250 95.4 77.6 116.4  
141 69.4 63.9 95.9

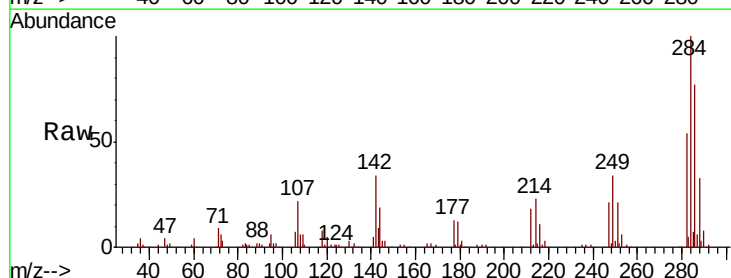


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

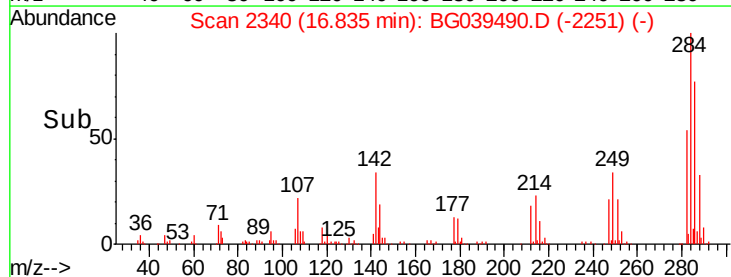
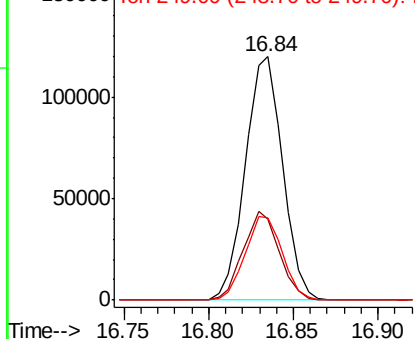


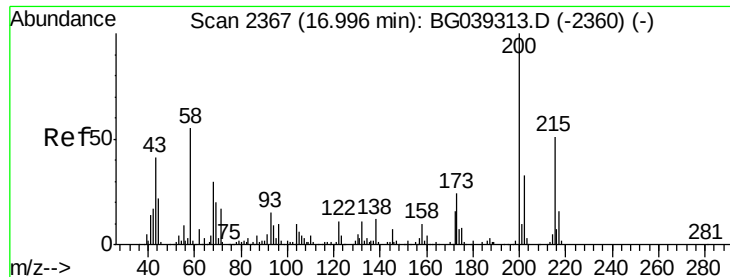
#68  
Hexachlorobenzene  
Concen: 42.086 ng  
RT: 16.84 min Scan# 2340  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Tgt Ion:284 Resp: 183270  
Ion Ratio Lower Upper  
284 100  
142 33.6 30.6 45.8  
249 33.8 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: 36.830 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

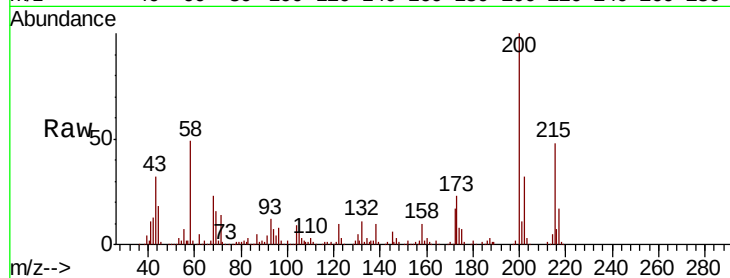
Tgt Ion:200 Resp: 160112

Ion Ratio Lower Upper

200 100

173 23.3 3.9 43.9

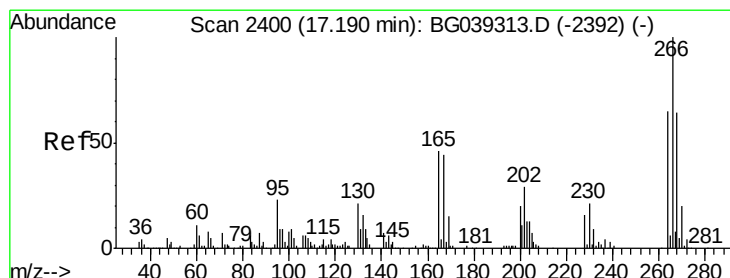
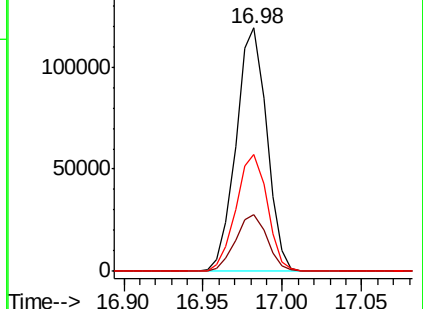
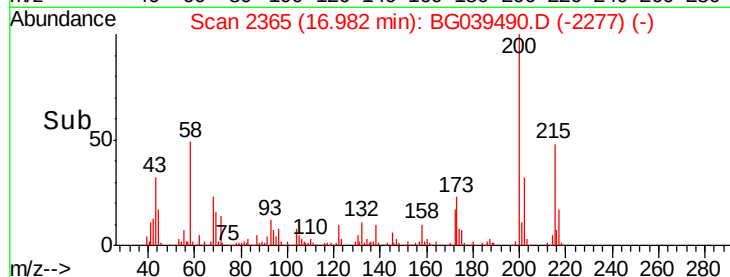
215 47.8 30.9 70.9



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: 34.720 ng

RT: 17.18 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

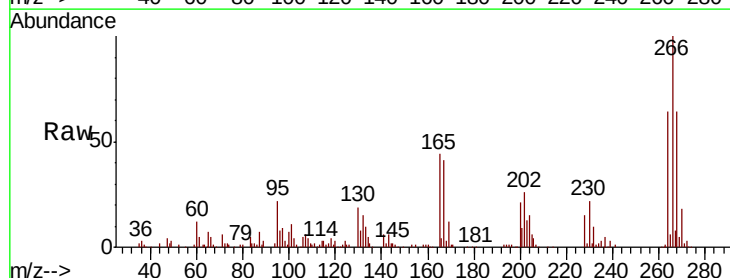
Tgt Ion:266 Resp: 105082

Ion Ratio Lower Upper

266 100

268 64.2 51.1 76.7

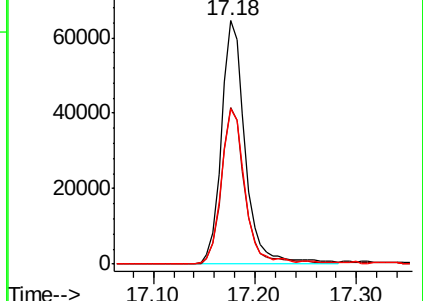
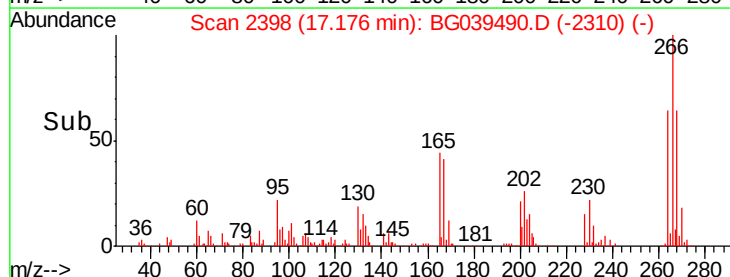
264 63.6 52.1 78.1

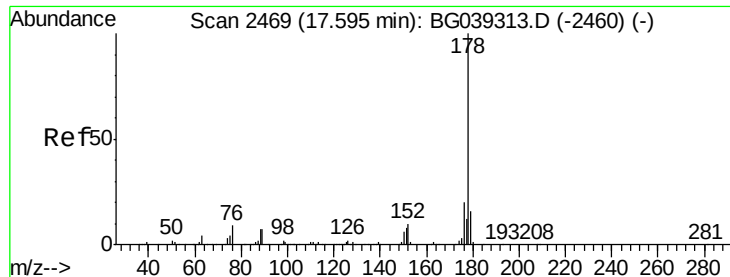


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

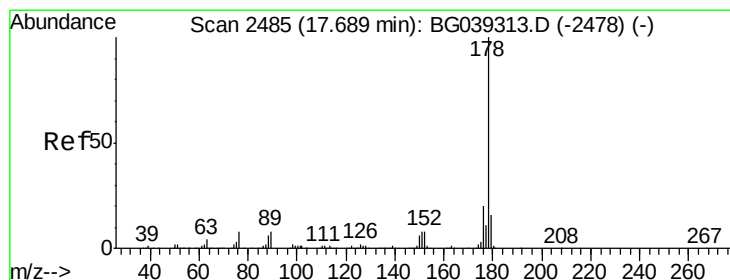
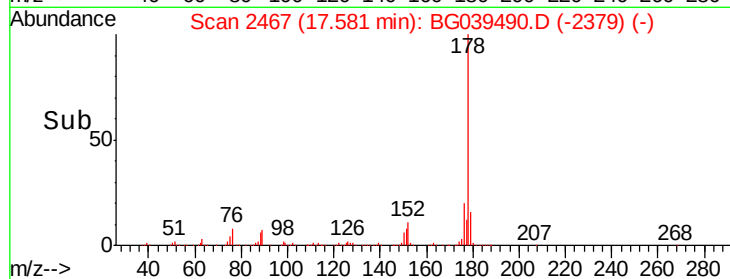
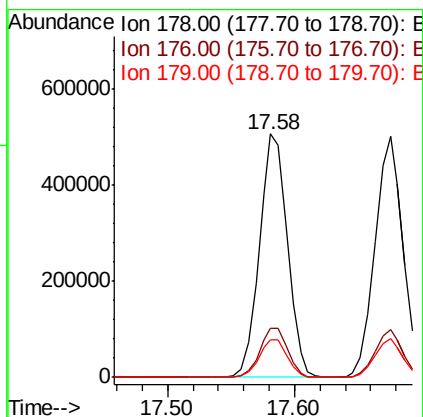
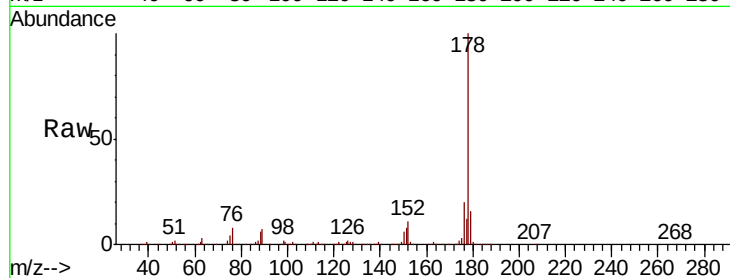




#71  
Phenanthrene  
Concen: 38.421 ng  
RT: 17.58 min Scan# 2467  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

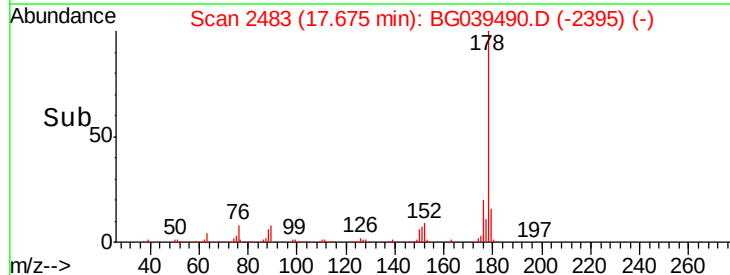
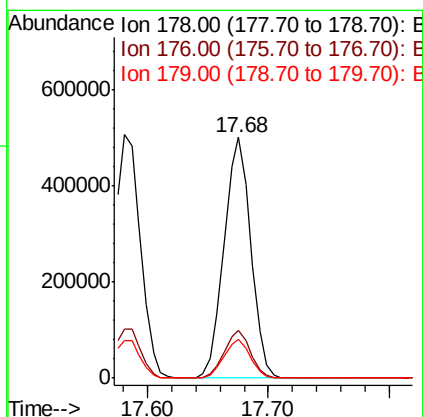
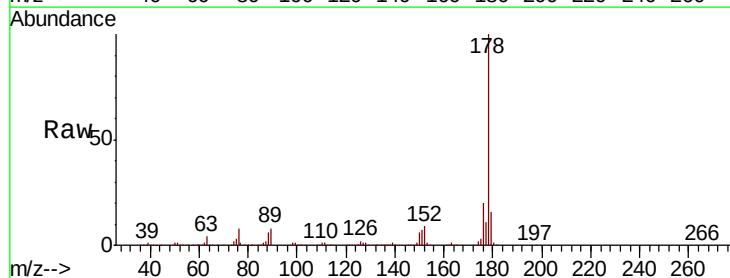
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tgt Ion:178 Resp: 778002  
Ion Ratio Lower Upper  
178 100  
176 20.3 16.2 24.4  
179 15.6 12.6 19.0

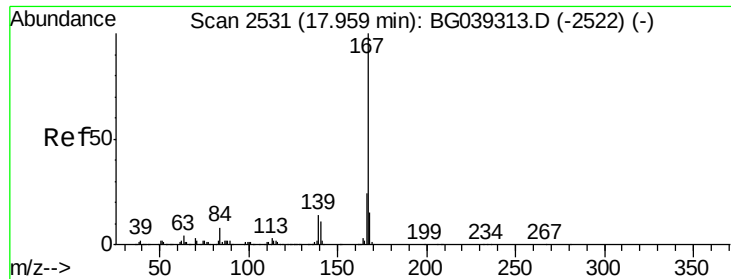


#72  
Anthracene  
Concen: 38.564 ng  
RT: 17.68 min Scan# 2483  
Delta R.T. -0.01 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Tgt Ion:178 Resp: 769187  
Ion Ratio Lower Upper  
178 100  
176 20.0 15.8 23.6  
179 16.3 12.5 18.7



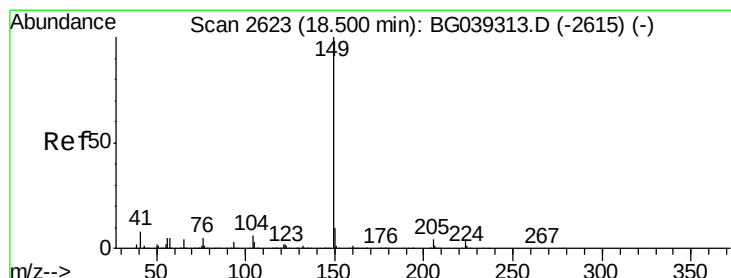
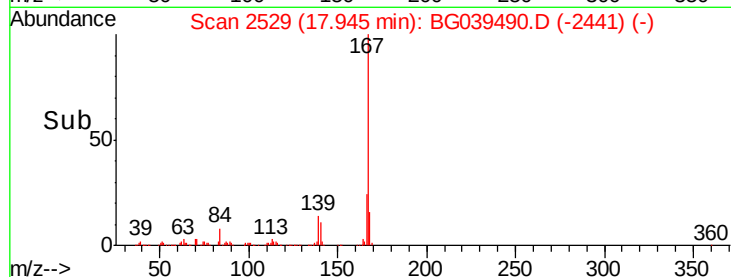
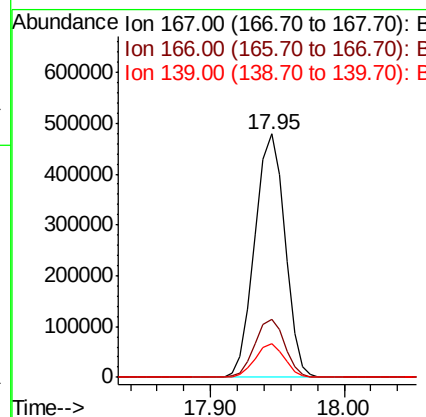
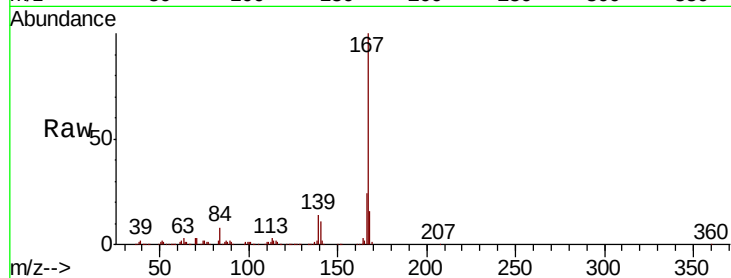




#73  
 Carbazole  
 Concen: 37.505 ng  
 RT: 17.95 min Scan# 2529  
 Delta R.T. -0.01 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

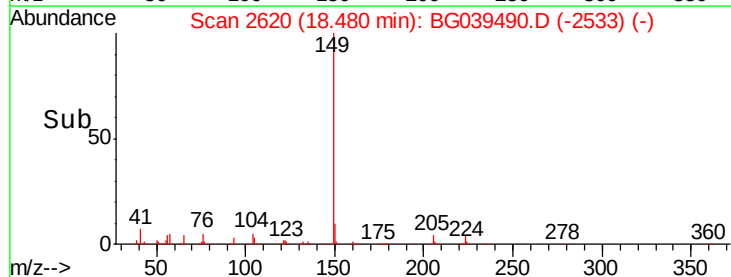
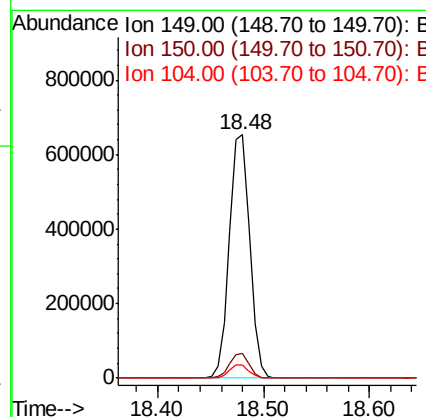
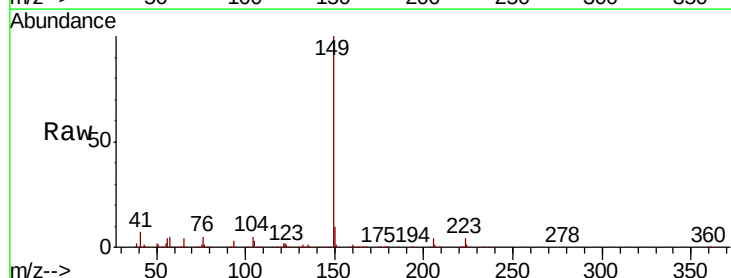
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

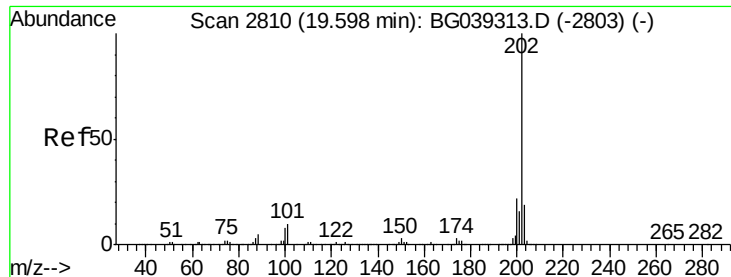
Tgt Ion:167 Resp: 746543  
 Ion Ratio Lower Upper  
 167 100  
 166 24.0 19.4 29.2  
 139 13.6 10.8 16.2



#74  
 Di-n-butylphthalate  
 Concen: 37.685 ng  
 RT: 18.48 min Scan# 2620  
 Delta R.T. -0.02 min  
 Lab File: BG039490.D  
 Acq: 13 Feb 2019 15:55

Tgt Ion:149 Resp: 875135  
 Ion Ratio Lower Upper  
 149 100  
 150 10.1 7.7 11.5  
 104 5.2 4.5 6.7





#75

Fluoranthene

Concen: 38.418 ng

RT: 19.58 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

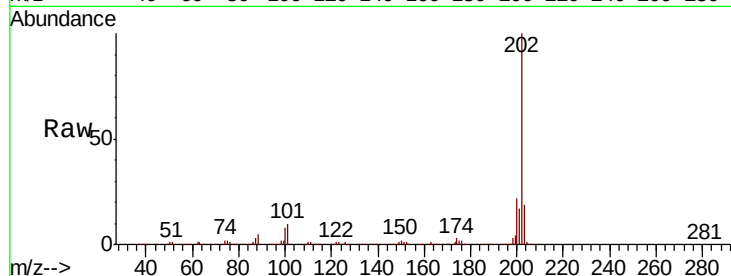
Tgt Ion:202 Resp: 902953

Ion Ratio Lower Upper

202 100

101 9.7 0.0 30.0

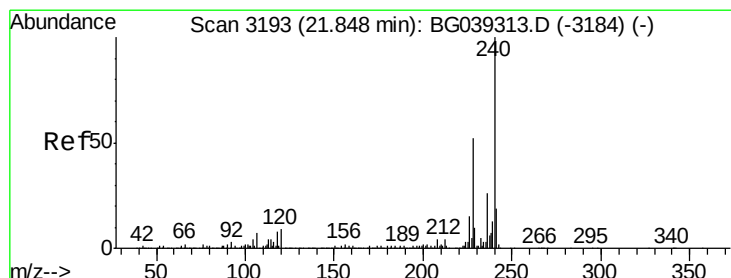
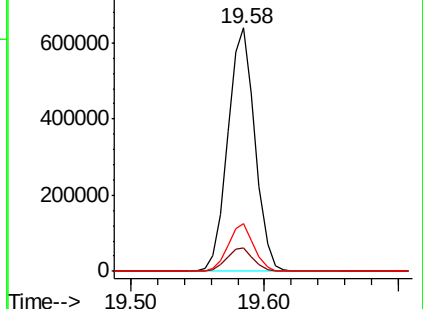
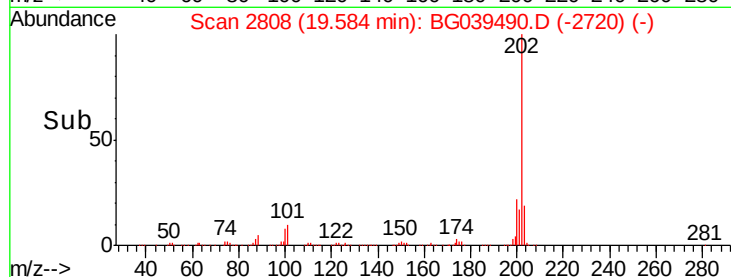
203 19.4 0.0 38.9



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: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

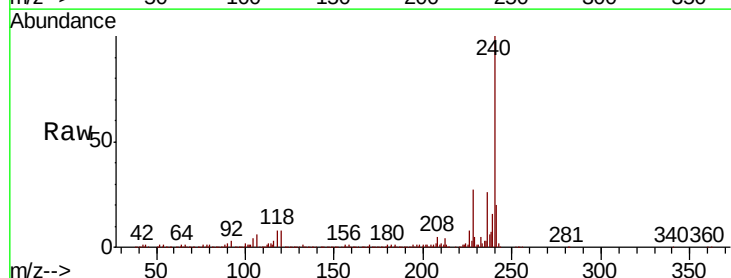
Tgt Ion:240 Resp: 388093

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

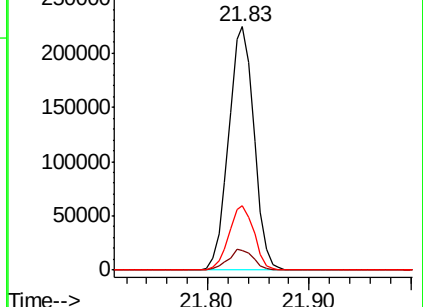
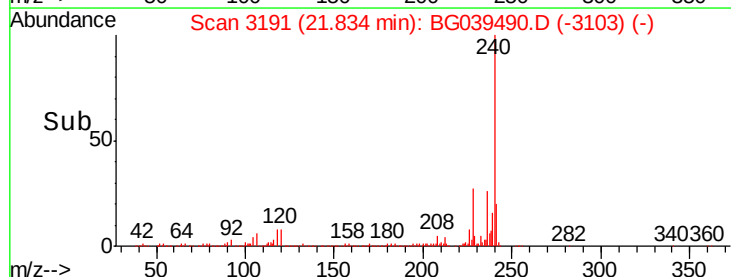
236 26.5 21.0 31.4

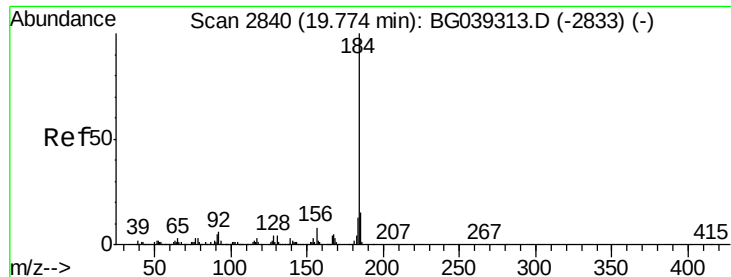


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 29.064 ng

RT: 19.76 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

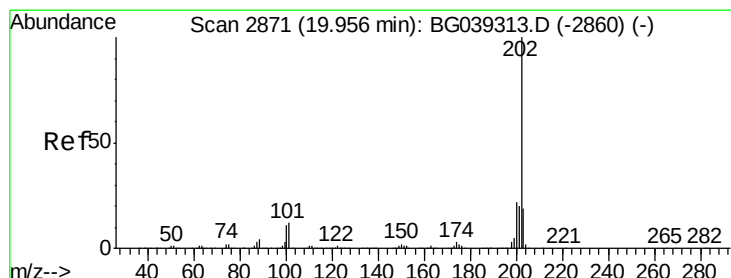
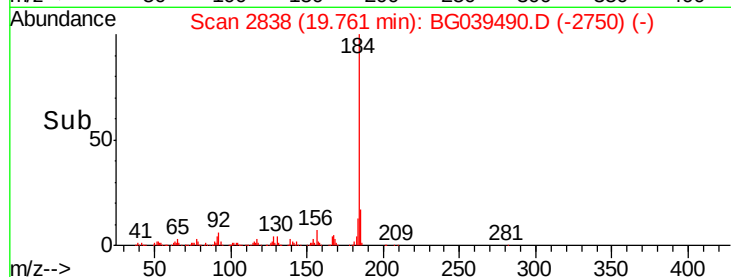
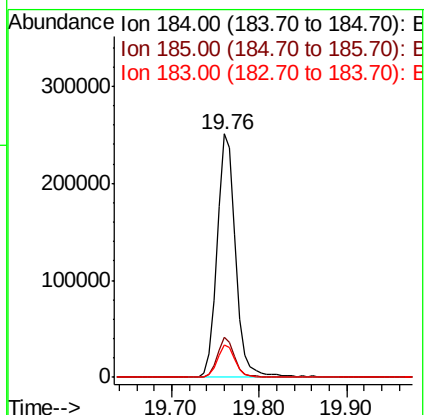
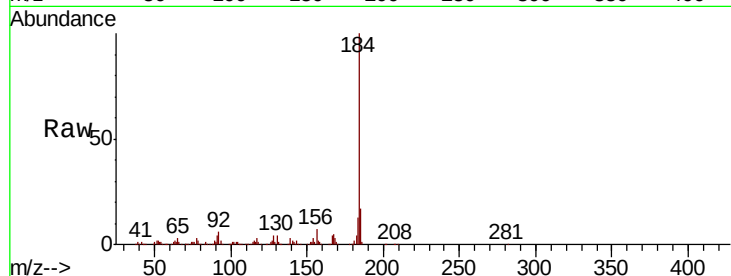
Tgt Ion:184 Resp: 369805

Ion Ratio Lower Upper

184 100

185 16.5 12.2 18.2

183 13.2 10.6 15.8



#78

Pyrene

Concen: 38.955 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

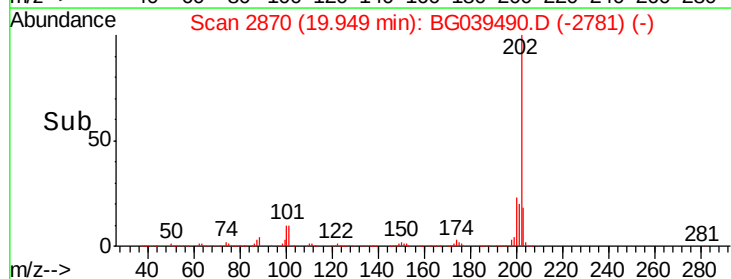
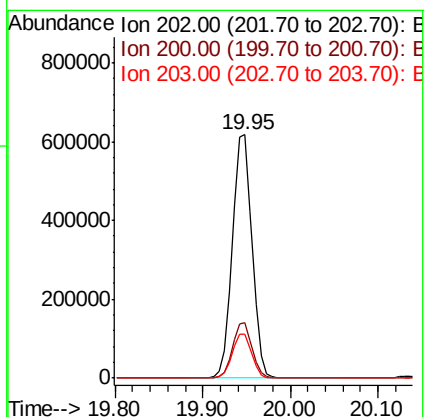
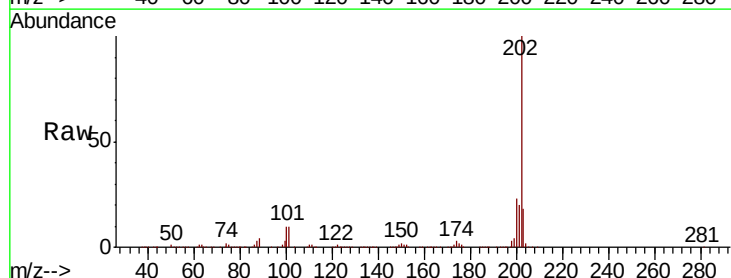
Tgt Ion:202 Resp: 941142

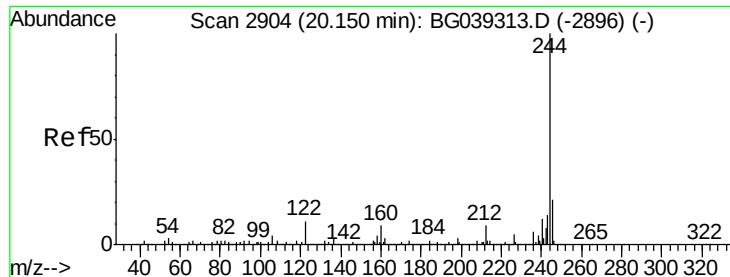
Ion Ratio Lower Upper

202 100

200 22.9 17.8 26.8

203 18.2 15.3 22.9





#79

Terphenyl-d14

Concen: 75.796 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

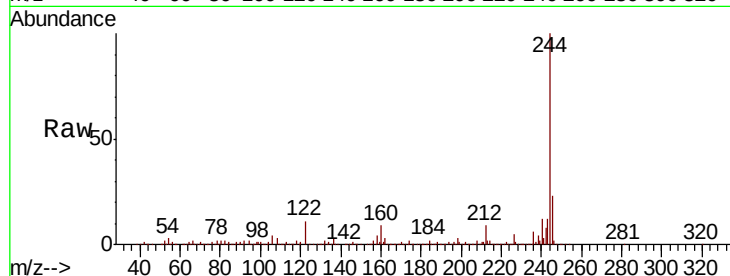
Tgt Ion:244 Resp: 1389719

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

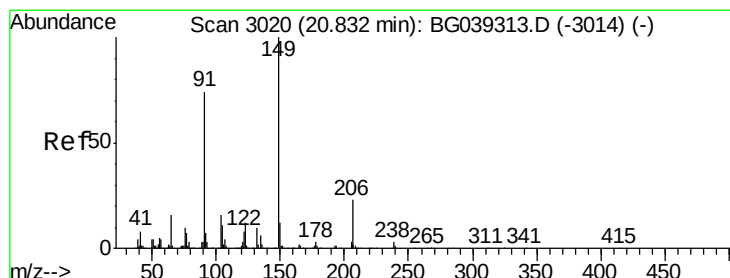
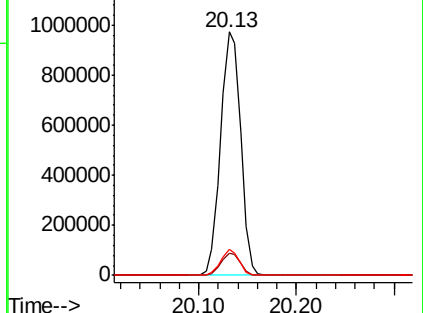
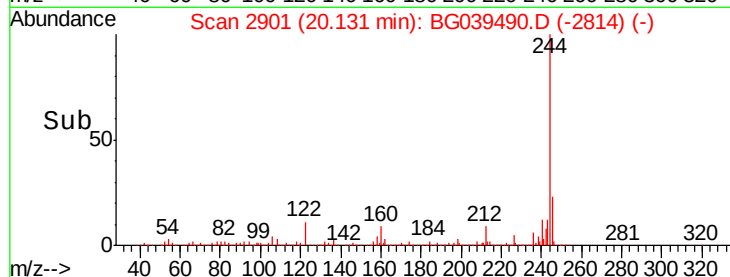
122 10.7 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.150 ng

RT: 20.81 min Scan# 3017

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

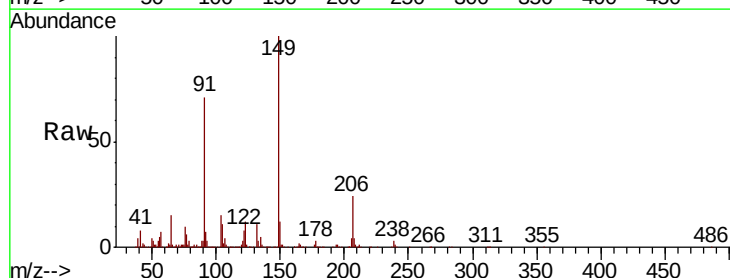
Tgt Ion:149 Resp: 398995

Ion Ratio Lower Upper

149 100

91 71.3 59.5 89.3

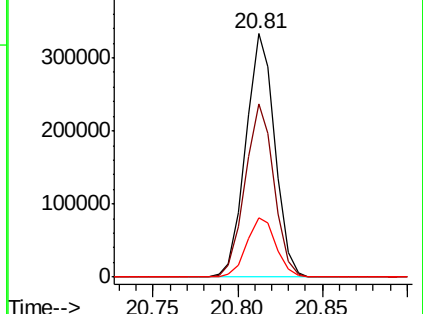
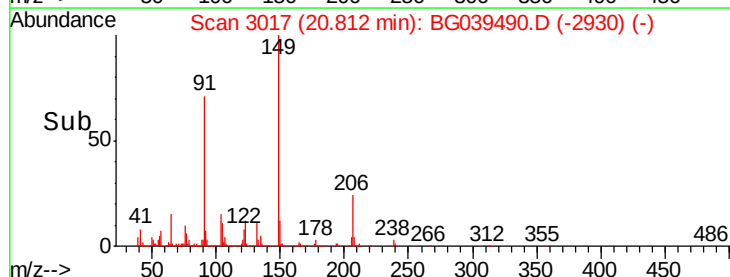
206 24.3 18.6 27.8

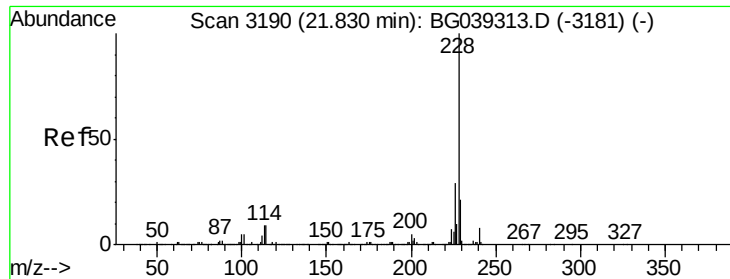


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.090 ng

RT: 21.81 min Scan# 3187

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

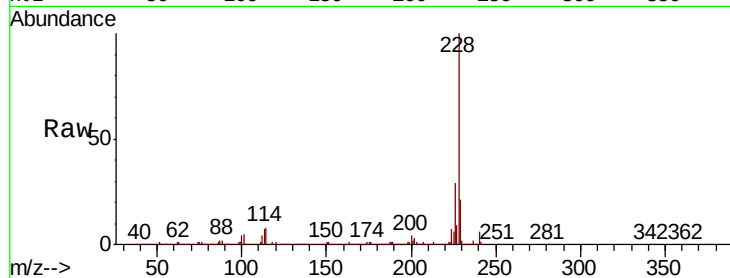
Tgt Ion:228 Resp: 896413

Ion Ratio Lower Upper

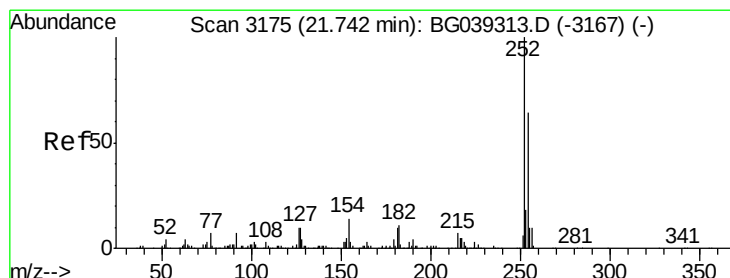
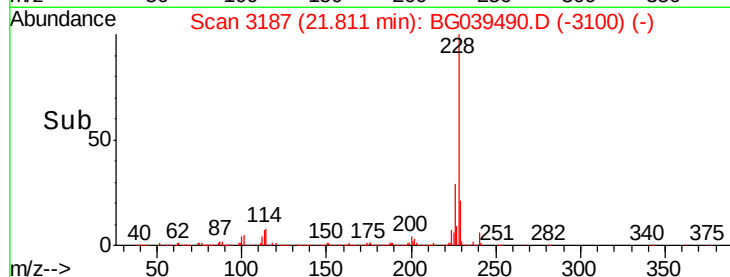
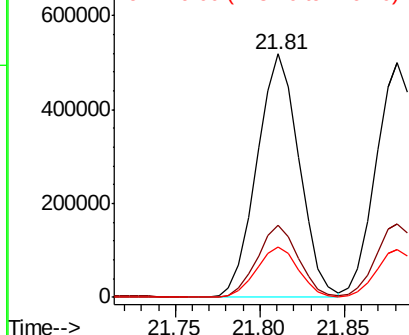
228 100

226 29.4 23.0 34.6

229 20.5 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: 40.490 ng

RT: 21.72 min Scan# 3172

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

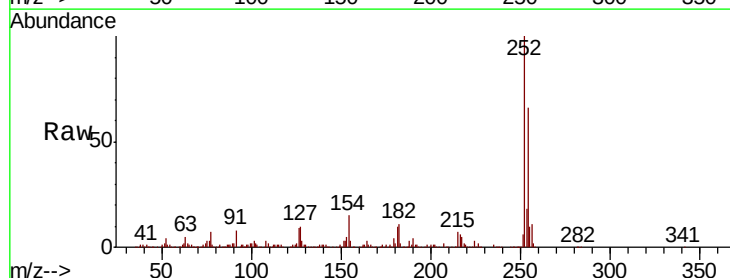
Tgt Ion:252 Resp: 344289

Ion Ratio Lower Upper

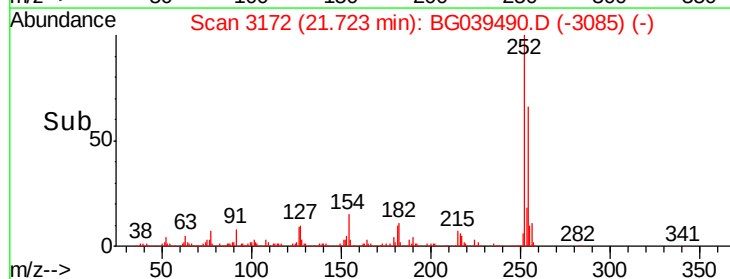
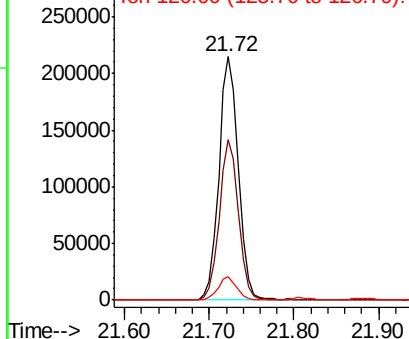
252 100

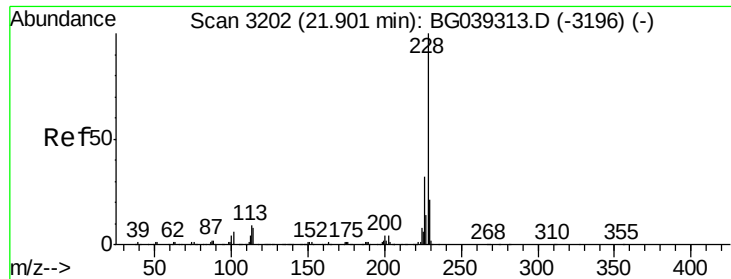
254 66.0 51.3 76.9

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: 39.453 ng

RT: 21.88 min Scan# 3199

Delta R.T. -0.02 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

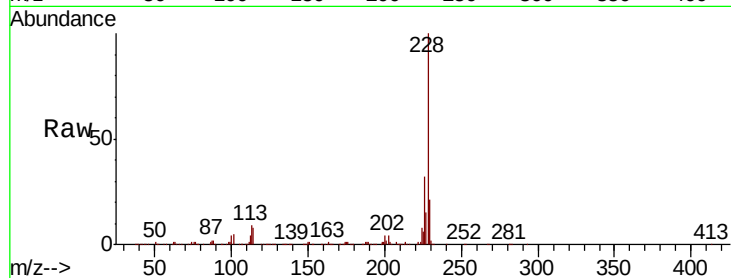
Tgt Ion:228 Resp: 861248

Ion Ratio Lower Upper

228 100

226 31.5 25.8 38.6

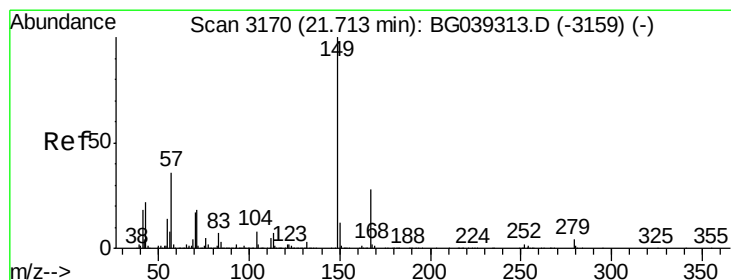
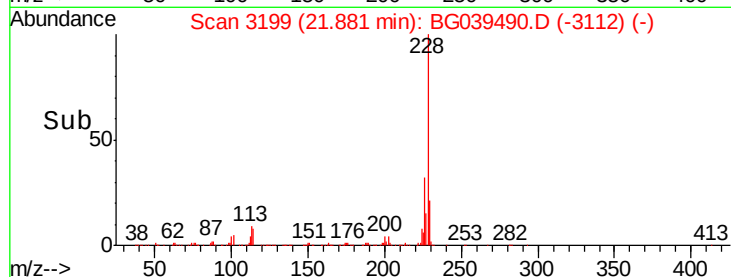
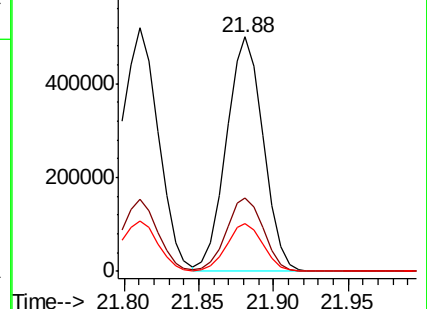
229 20.5 16.6 25.0



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: 38.572 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.03 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

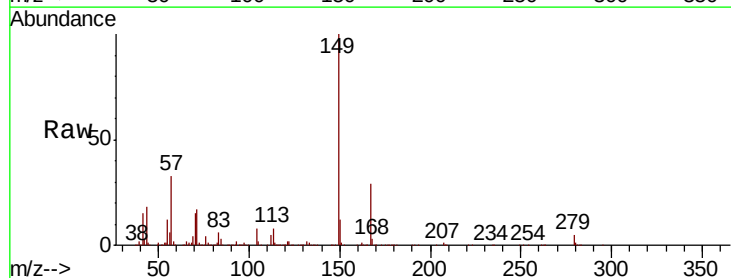
Tgt Ion:149 Resp: 560822

Ion Ratio Lower Upper

149 100

167 28.6 22.6 34.0

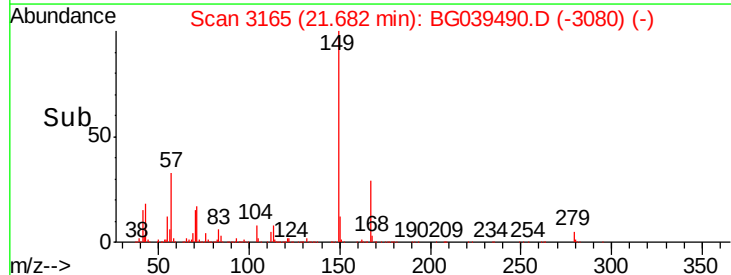
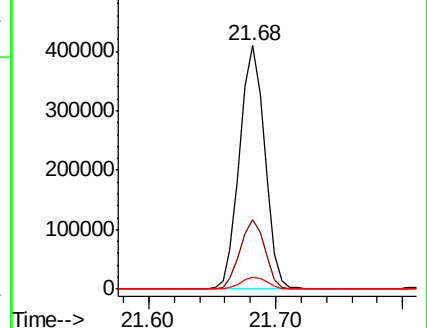
279 5.0 3.5 5.3

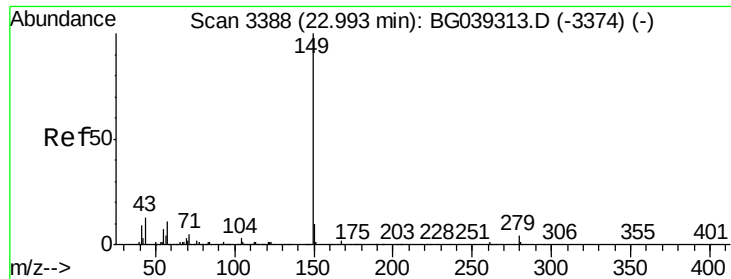


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

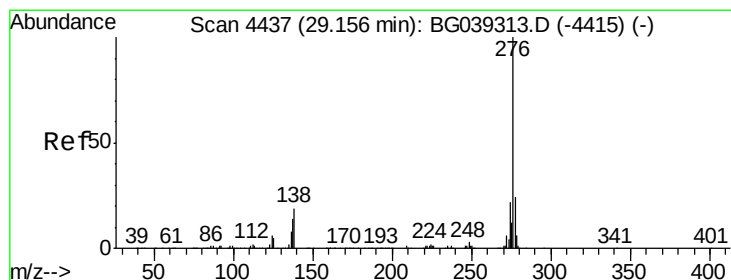
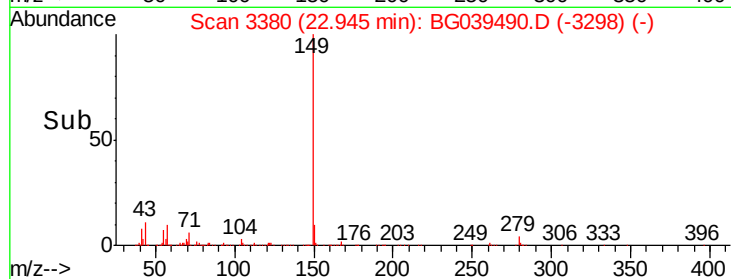
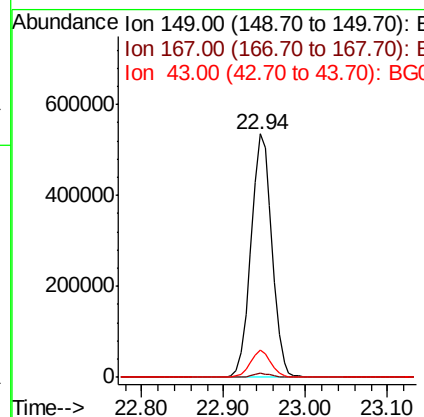
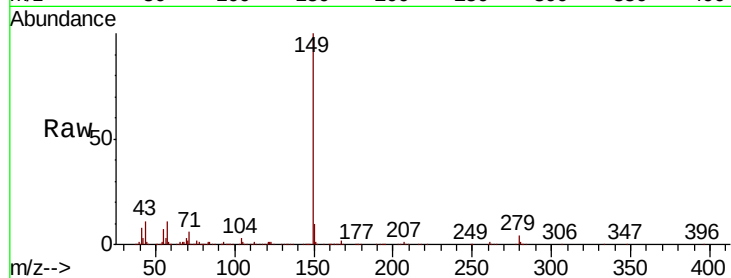




#85  
Di-n-octyl phthalate  
Concen: 39.496 ng  
RT: 22.94 min Scan# 3380  
Delta R.T. -0.05 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

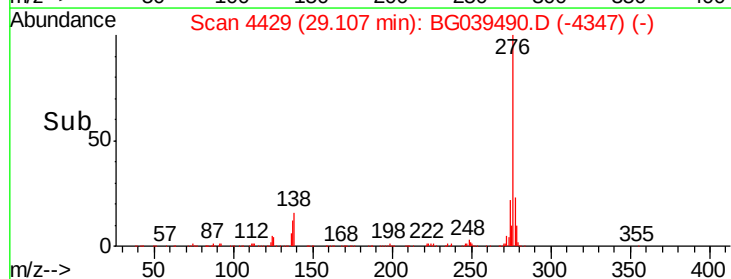
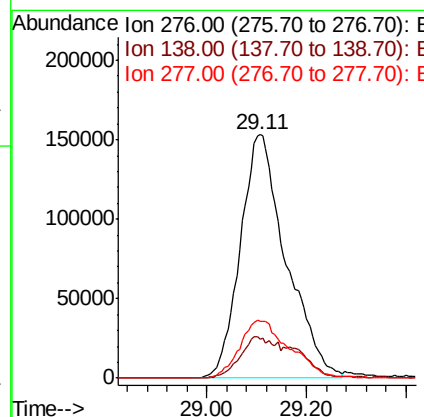
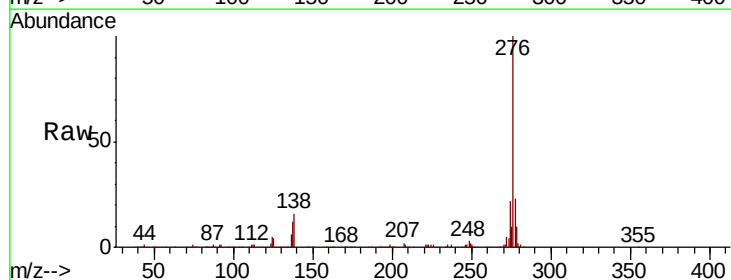
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

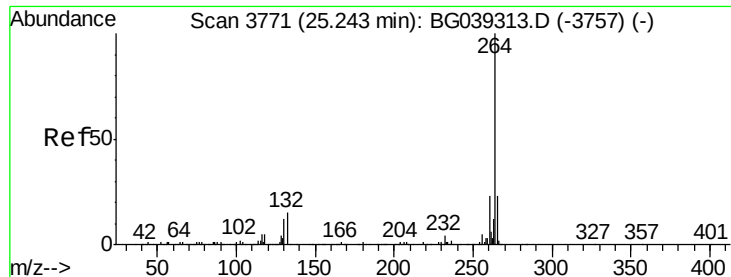
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.6   | 1.3   | 1.9   |
| 43      | 11.0  | 10.2  | 15.4  |



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 41.634 ng  
RT: 29.11 min Scan# 4429  
Delta R.T. -0.05 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 14.6  | 12.6  | 19.0  |
| 277     | 25.8  | 20.8  | 31.2  |





#87

Perylene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

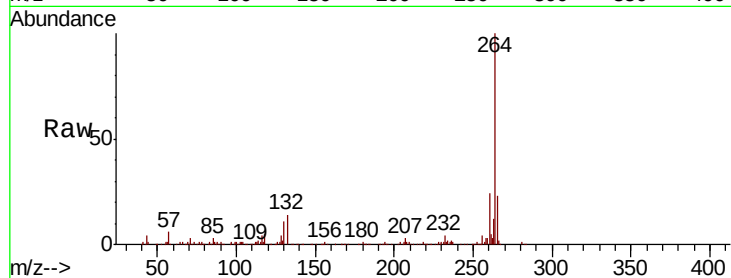
Tgt Ion:264 Resp: 399597

Ion Ratio Lower Upper

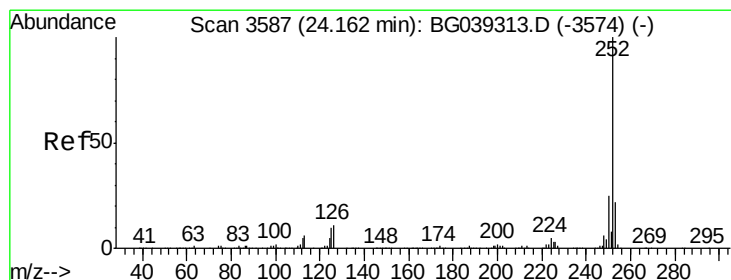
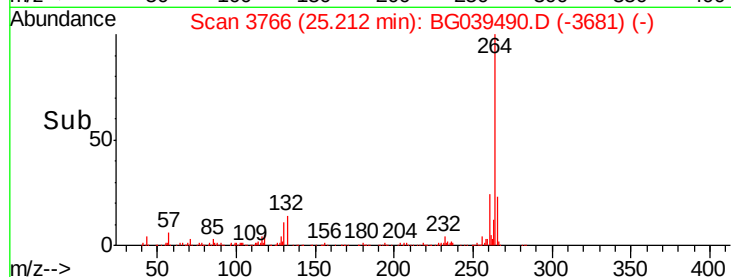
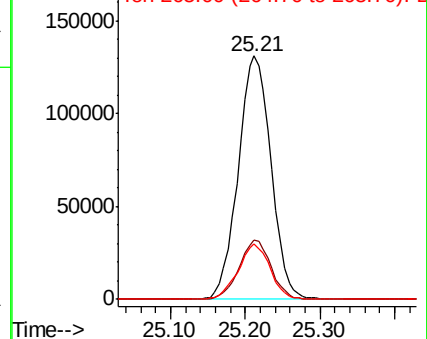
264 100

260 24.3 18.2 27.4

265 23.0 18.5 27.7



Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.759 ng

RT: 24.13 min Scan# 3582

Delta R.T. -0.03 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

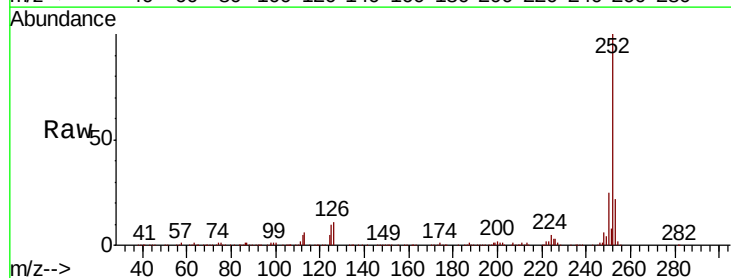
Tgt Ion:252 Resp: 866433

Ion Ratio Lower Upper

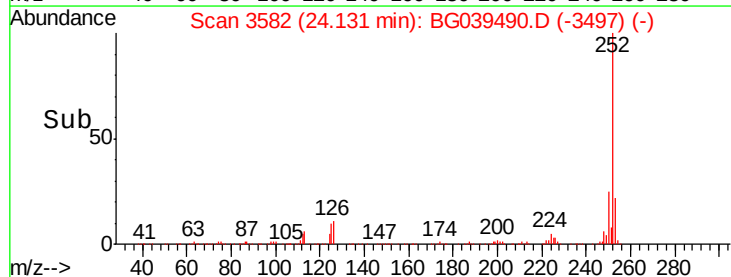
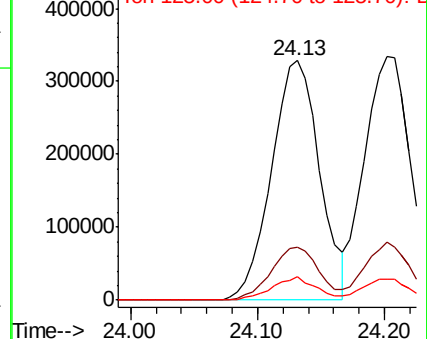
252 100

253 22.2 17.8 26.8

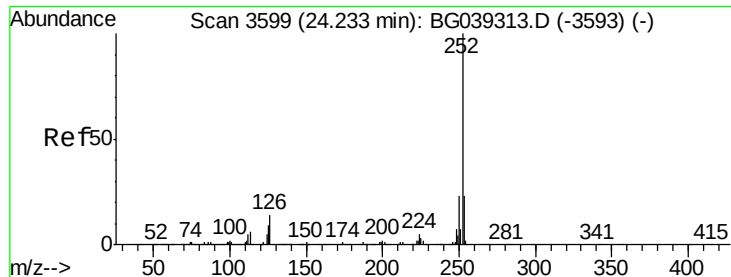
125 9.6 7.8 11.6



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



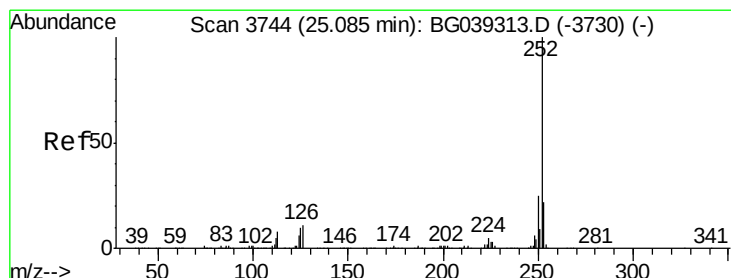
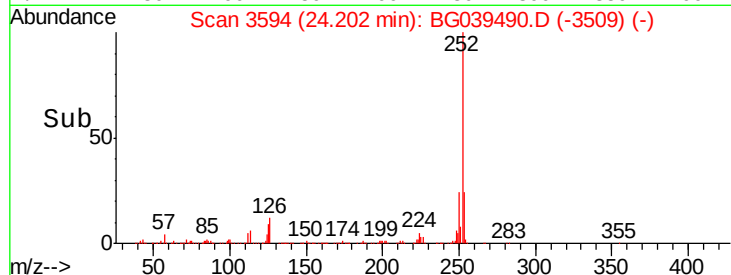
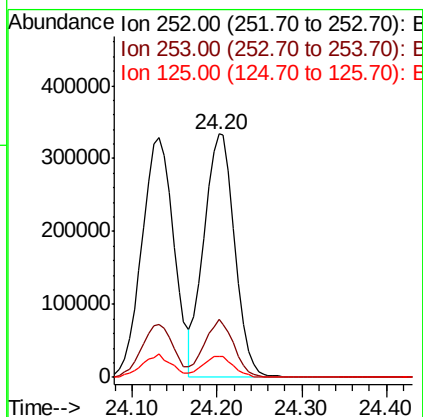
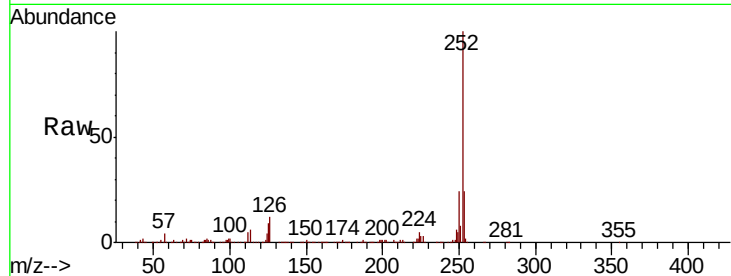




#89  
Benzo(k)fluoranthene  
Concen: 38.704 ng  
RT: 24.20 min Scan# 3594  
Delta R.T. -0.03 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

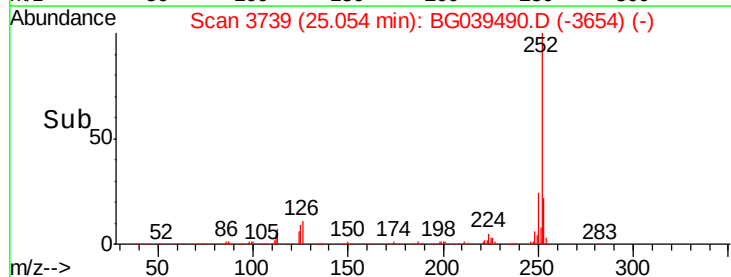
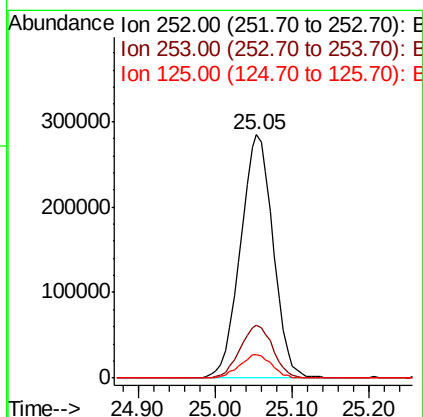
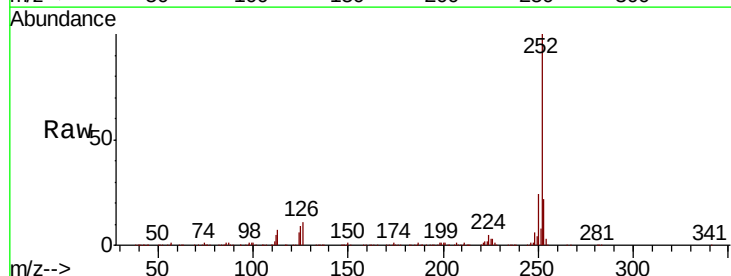
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

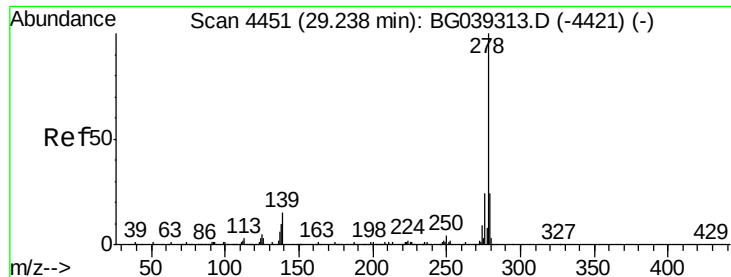
Tgt Ion: 252 Resp: 846798  
Ion Ratio Lower Upper  
252 100  
253 23.6 18.2 27.2  
125 8.7 7.4 11.2



#90  
Benzo(a)pyrene  
Concen: 40.219 ng  
RT: 25.05 min Scan# 3739  
Delta R.T. -0.03 min  
Lab File: BG039490.D  
Acq: 13 Feb 2019 15:55

Tgt Ion: 252 Resp: 844095  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.9 26.9  
125 9.4 8.3 12.5





#91

Dibenzo(a,h)anthracene

Concen: 41.158 ng

RT: 29.18 min Scan# 4441

Delta R.T. -0.06 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

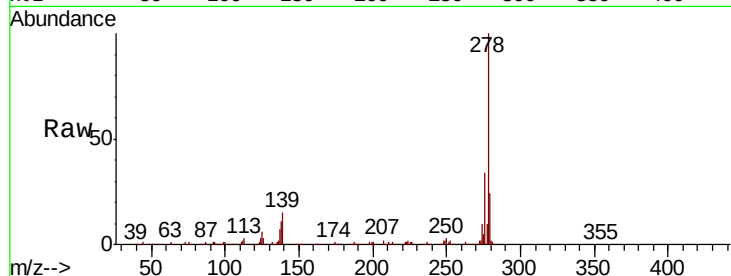
Tgt Ion:278 Resp: 808955

Ion Ratio Lower Upper

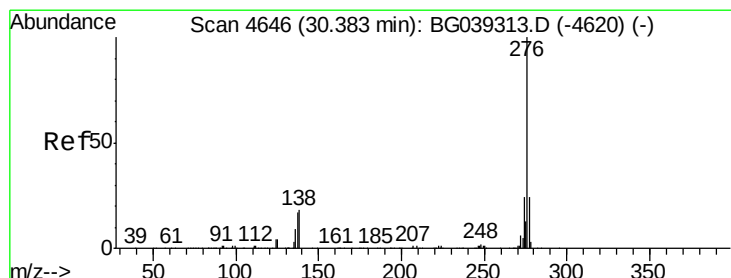
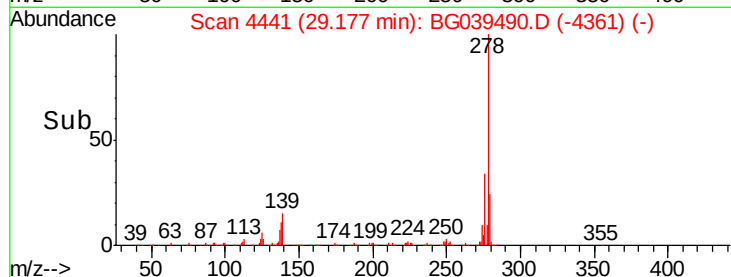
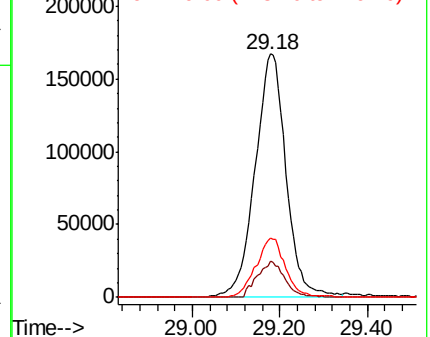
278 100

139 14.7 11.7 17.5

279 24.3 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.475 ng

RT: 30.33 min Scan# 4638

Delta R.T. -0.05 min

Lab File: BG039490.D

Acq: 13 Feb 2019 15:55

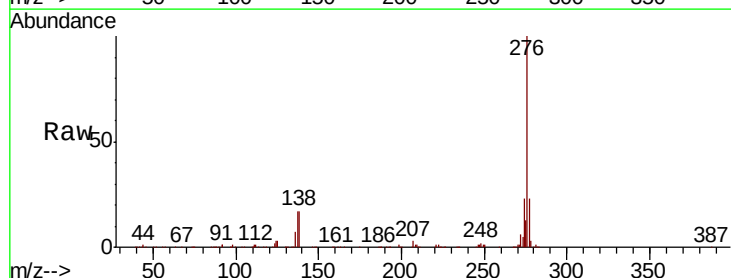
Tgt Ion:276 Resp: 792918

Ion Ratio Lower Upper

276 100

277 23.5 19.6 29.4

138 17.0 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

