

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\  
 Data File : BG039198.D  
 Acq On : 18 Jan 2019 00:31  
 Operator : JU/SJ  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jan 18 04:14:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 09 14:23:53 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 24769    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.83 | 136  | 108139   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.66 | 164  | 80020    | 20.00 | ng    | -0.01    |
| 64) Phenanthrene-d10      | 17.41 | 188  | 231517   | 20.00 | ng    | -0.01    |
| 76) Chrysene-d12          | 21.68 | 240  | 230587   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 24.95 | 264  | 250529   | 20.00 | ng    | -0.04    |

## System Monitoring Compounds

|                          |       |     |        |       |    |       |
|--------------------------|-------|-----|--------|-------|----|-------|
| 5) 2-Fluorophenol        | 5.56  | 112 | 109296 | 83.71 | ng | -0.02 |
| 7) Phenol-d6             | 7.17  | 99  | 162072 | 86.25 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 9.19  | 82  | 146183 | 73.97 | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 100519 | 74.94 | ng | -0.02 |
| 45) 2-Fluorobiphenyl     | 13.28 | 172 | 460701 | 78.79 | ng | -0.01 |
| 79) Terphenyl-d14        | 20.01 | 244 | 938502 | 75.29 | ng | -0.01 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.44  | 88  | 22058  | 43.140 | ng | 98     |
| 3) Pyridine                    | 3.85  | 79  | 60235  | 43.354 | ng | 93     |
| 4) n-Nitrosodimethylamine      | 3.78  | 42  | 28122  | 44.981 | ng | 94     |
| 6) Aniline                     | 7.34  | 93  | 92712  | 41.083 | ng | 99     |
| 8) 2-Chlorophenol              | 7.58  | 128 | 65137  | 42.320 | ng | 98     |
| 9) Benzaldehyde                | 7.16  | 77  | 43404  | 40.053 | ng | 98     |
| 10) Phenol                     | 7.20  | 94  | 81074  | 43.034 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.43  | 93  | 58224  | 40.437 | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 7.90  | 146 | 73259  | 39.726 | ng | 93     |
| 13) 1,4-Dichlorobenzene        | 8.05  | 146 | 76214  | 40.807 | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.37  | 146 | 68262  | 38.334 | ng | 99     |
| 15) Benzyl Alcohol             | 8.25  | 79  | 60403  | 42.685 | ng | 93     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.54  | 45  | 112136 | 40.615 | ng | 97     |
| 17) 2-Methylphenol             | 8.45  | 107 | 50939  | 38.940 | ng | 96     |
| 18) Hexachloroethane           | 9.09  | 117 | 25003  | 39.406 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70  | 49610  | 40.204 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.79  | 107 | 74894  | 40.156 | ng | 98     |
| 22) Acetophenone               | 8.85  | 105 | 105329 | 37.297 | ng | # 99   |
| 24) Nitrobenzene               | 9.24  | 77  | 71549  | 35.819 | ng | 99     |
| 25) Isophorone                 | 9.75  | 82  | 176186 | 51.756 | ng | 97     |
| 26) 2-Nitrophenol              | 9.95  | 139 | 50647  | 46.876 | ng | 99     |
| 27) 2,4-Dimethylphenol         | 9.99  | 122 | 67463  | 44.382 | ng | 88     |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93  | 89992  | 43.986 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.48 | 162 | 87053  | 46.099 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180 | 93188  | 41.070 | ng | 97     |
| 31) Naphthalene                | 10.88 | 128 | 225839 | 41.640 | ng | 100    |
| 32) Benzoic acid               | 10.17 | 122 | 25428  | 31.293 | ng | 96     |
| 33) 4-Chloroaniline            | 11.00 | 127 | 101287 | 41.736 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.15 | 225 | 64012  | 41.000 | ng | 96     |
| 35) Caprolactam                | 11.79 | 113 | 29866  | 39.440 | ng | 96     |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 88623  | 43.878 | ng | 91     |
| 37) 2-Methylnaphthalene        | 12.48 | 142 | 165124 | 40.608 | ng | 98     |
| 38) 1-Methylnaphthalene        | 12.70 | 142 | 157417 | 40.332 | ng | 99     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.85 | 216 | 121911 | 40.567 | ng | 99     |

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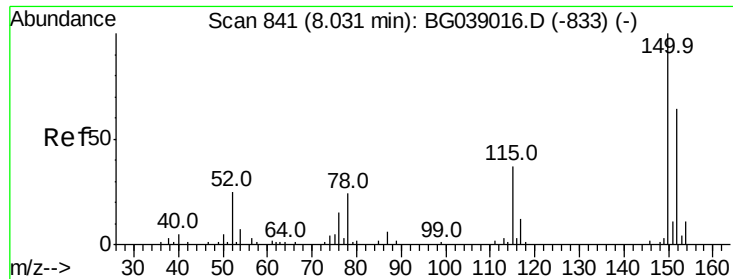
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Quant Time: Jan 18 04:14:39 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jan 09 14:23:53 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.81 | 237  | 64757    | 41.252 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 13.10 | 196  | 71950    | 38.040 | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.17 | 196  | 75552    | 37.794 | ng    | 99       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 257109   | 40.550 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.54 | 162  | 200414   | 39.059 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.75 | 65   | 63849    | 44.418 | ng    | 96       |
| 49) Acenaphthylene             | 14.38 | 152  | 294634   | 38.204 | ng    | 99       |
| 50) Dimethylphthalate          | 14.11 | 163  | 257805   | 38.125 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.25 | 165  | 58364    | 38.605 | ng    | 93       |
| 52) Acenaphthene               | 14.72 | 154  | 186799   | 40.314 | ng    | 94       |
| 53) 3-Nitroaniline             | 14.58 | 138  | 66790    | 43.550 | ng    | 99       |
| 54) 2,4-Dinitrophenol          | 14.79 | 184  | 34981    | 41.482 | ng    | 90       |
| 55) Dibenzofuran               | 15.06 | 168  | 331723   | 40.535 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 41883    | 37.955 | ng    | 96       |
| 57) 2,4-Dinitrotoluene         | 15.03 | 165  | 88148    | 40.640 | ng    | 98       |
| 58) Fluorene                   | 15.70 | 166  | 242477   | 39.363 | ng    | 94       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 73079    | 38.727 | ng    | 98       |
| 60) Diethylphthalate           | 15.46 | 149  | 269704   | 38.712 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.69 | 204  | 156915   | 40.433 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.75 | 138  | 63159    | 39.532 | ng    | 97       |
| 63) Azobenzene                 | 15.98 | 77   | 218079   | 40.027 | ng    | 97       |
| 65) 4,6-Dinitro-2-methylphenol | 15.79 | 198  | 54453    | 31.747 | ng    | 97       |
| 66) n-Nitrosodiphenylamine     | 15.91 | 169  | 227849   | 33.198 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.59 | 248  | 98484    | 33.092 | ng    | 100      |
| 68) Hexachlorobenzene          | 16.70 | 284  | 119831   | 36.900 | ng    | 99       |
| 69) Atrazine                   | 16.85 | 200  | 107714   | 36.943 | ng    | 99       |
| 70) Pentachlorophenol          | 17.06 | 266  | 73274    | 39.672 | ng    | 98       |
| 71) Phenanthrene               | 17.45 | 178  | 492901   | 40.279 | ng    | 99       |
| 72) Anthracene                 | 17.54 | 178  | 490472   | 40.537 | ng    | 99       |
| 73) Carbazole                  | 17.81 | 167  | 480132   | 40.198 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.34 | 149  | 539916   | 40.633 | ng    | 100      |
| 75) Fluoranthene               | 19.46 | 202  | 584352   | 38.519 | ng    | 99       |
| 77) Benzidine                  | 19.64 | 184  | 253900   | 36.000 | ng    | 99       |
| 78) Pyrene                     | 19.82 | 202  | 595451   | 40.521 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.69 | 149  | 245599   | 43.943 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.66 | 228  | 570144   | 40.617 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 229970   | 40.210 | ng    | 98       |
| 83) Chrysene                   | 21.73 | 228  | 549753   | 41.179 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.53 | 149  | 347732   | 44.808 | ng    | 97       |
| 85) Di-n-octyl phthalate       | 22.74 | 149  | 584320   | 44.529 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.69 | 276  | 645392   | 40.457 | ng    | # 93     |
| 88) Benzo(b)fluoranthene       | 23.97 | 252  | 550015   | 39.815 | ng    | 98       |
| 89) Benzo(k)fluoranthene       | 23.97 | 252  | 550015   | 40.269 | ng    | # 99     |
| 90) Benzo(a)pyrene             | 24.79 | 252  | 550325   | 41.215 | ng    | # 97     |
| 91) Dibenzo(a,h)anthracene     | 28.75 | 278  | 540285   | 40.680 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.87 | 276  | 528510   | 40.196 | ng    | # 94     |

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



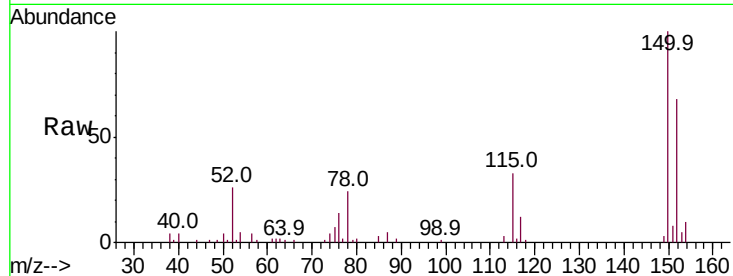


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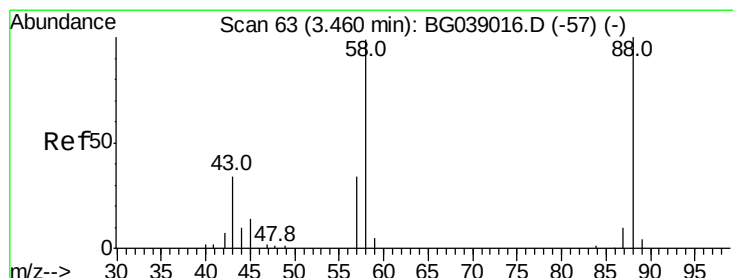
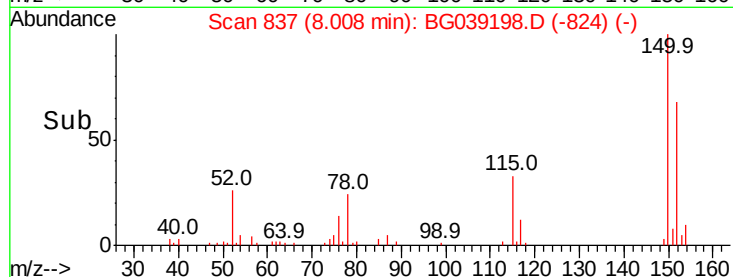
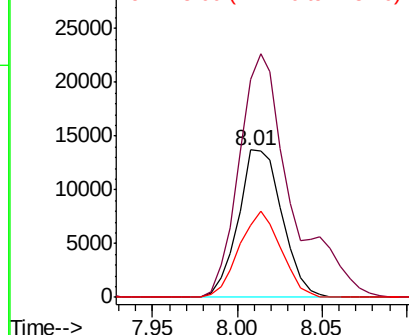
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.01 min Scan# 837  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Instrument :  
BNA\_G  
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SSTDCCC040

Tot Ion:152 Resp: 24769  
Ion Ratio Lower Upper  
152 100  
150 147.6 124.7 187.1  
115 48.6 46.5 69.7



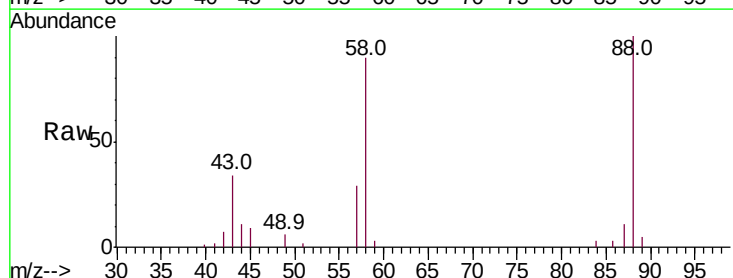
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



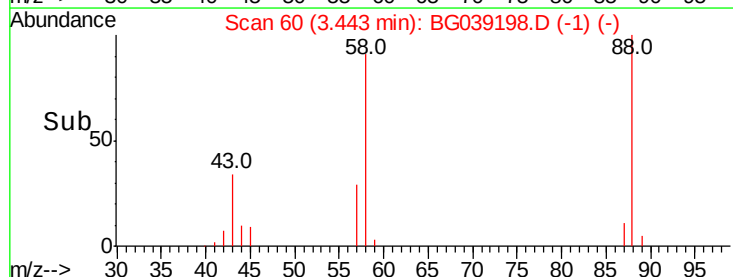
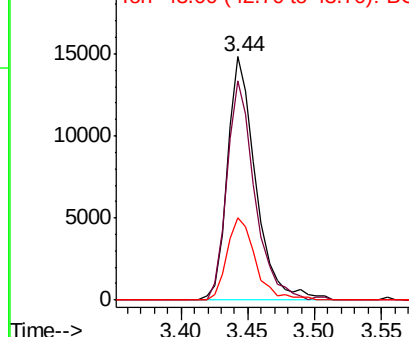
#2

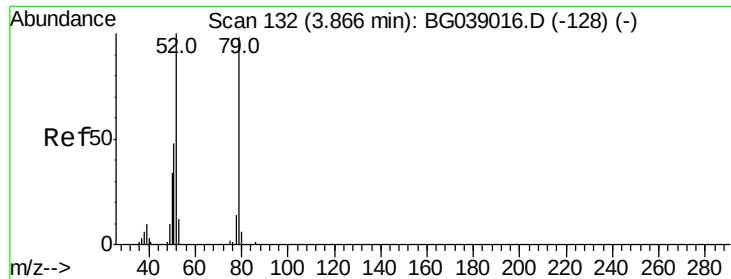
1,4-Dioxane  
Concen: 43.140 ng  
RT: 3.44 min Scan# 60  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Tgt Ion: 88 Resp: 22058  
Ion Ratio Lower Upper  
88 100  
58 88.2 72.4 108.6  
43 34.2 27.6 41.4



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





#3

Pvridine

Concen: 43.354 ng

RT: 3.85 min Scan# 130

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

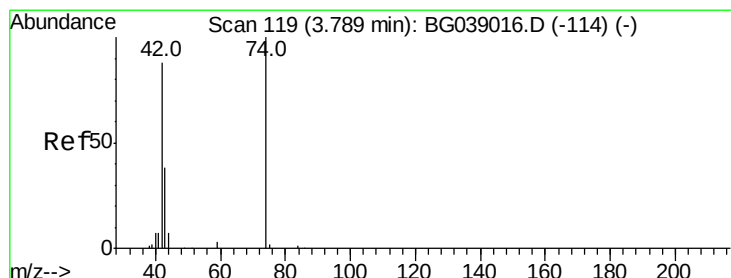
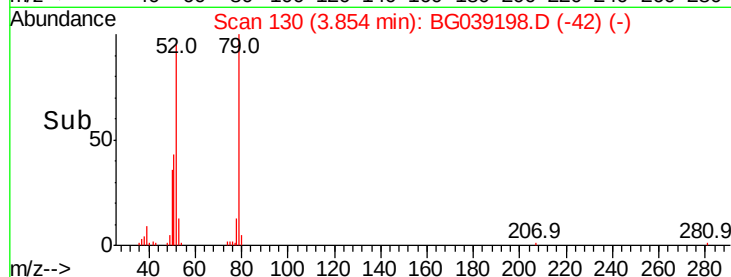
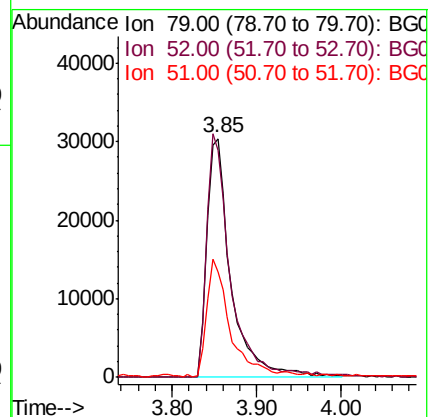
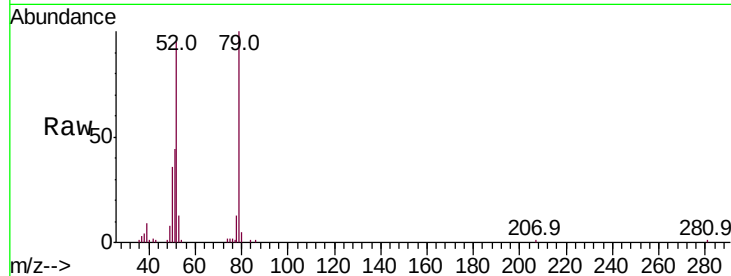
Tot Ion: 79 Resp: 60235

Ion Ratio Lower Upper

79 100

52 95.1 81.5 122.3

51 44.3 39.8 59.6



#4

n-Nitrosodimethylamine

Concen: 44.981 ng

RT: 3.78 min Scan# 117

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

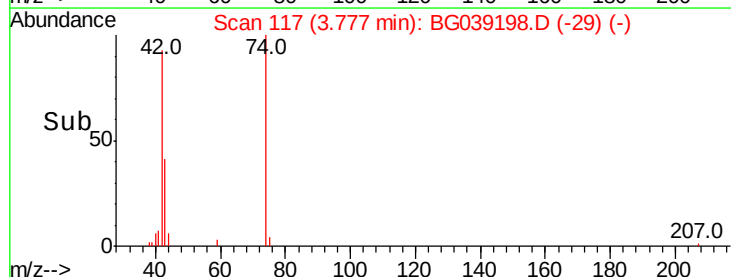
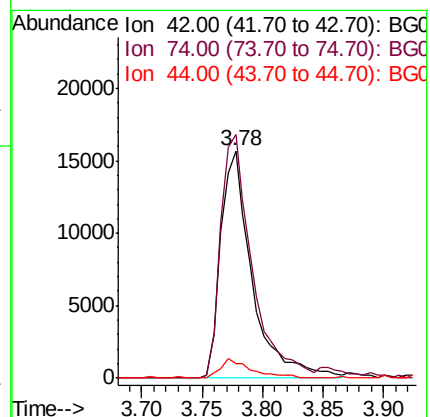
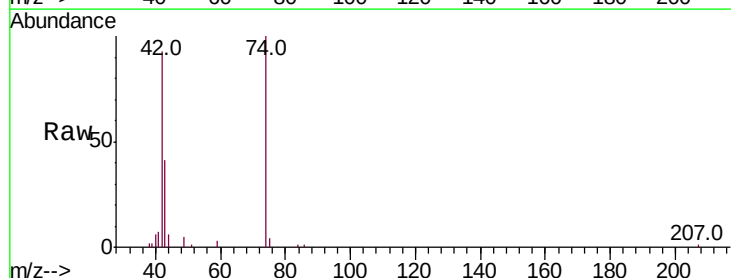
Tgt Ion: 42 Resp: 28122

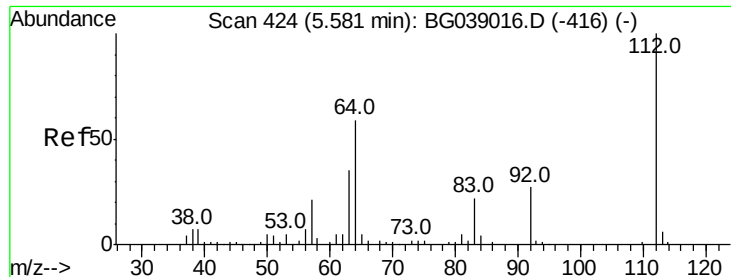
Ion Ratio Lower Upper

42 100

74 107.3 90.7 136.1

44 6.7 6.5 9.7





#5

2-Fluorophenol

Concen: 83.706 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.02 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

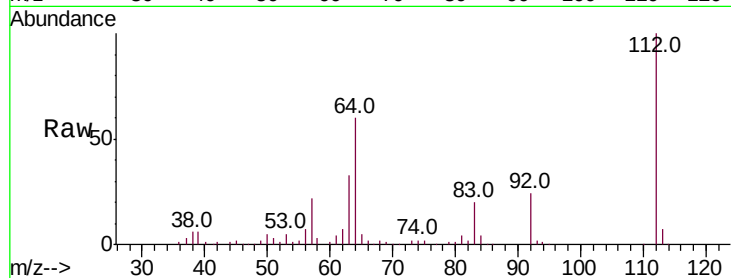
Tot Ion:112 Resp: 109296

Ion Ratio Lower Upper

112 100

64 60.0 47.0 70.6

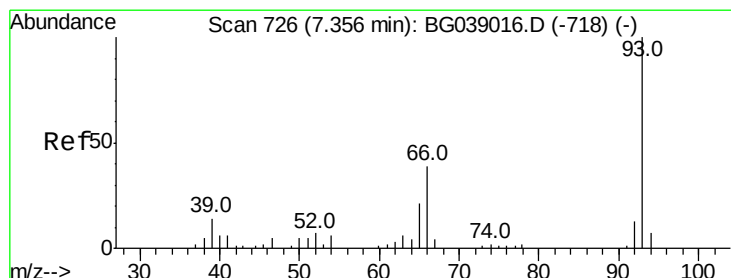
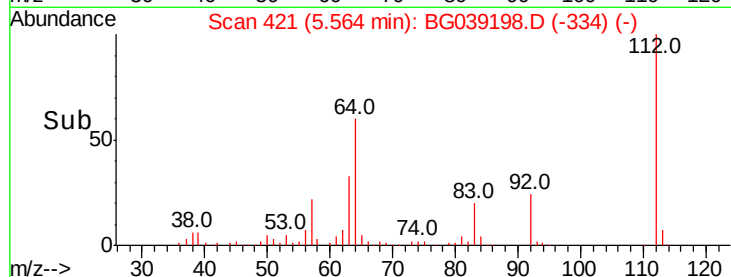
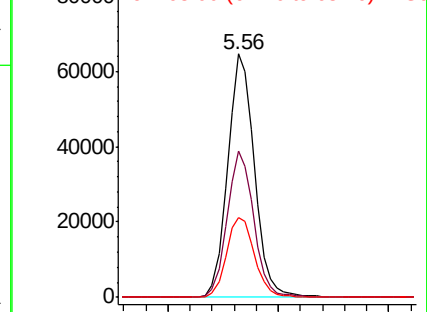
63 32.8 28.0 42.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.083 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

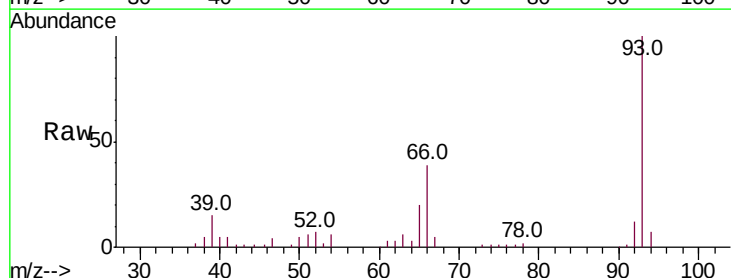
Tgt Ion: 93 Resp: 92712

Ion Ratio Lower Upper

93 100

66 38.6 30.9 46.3

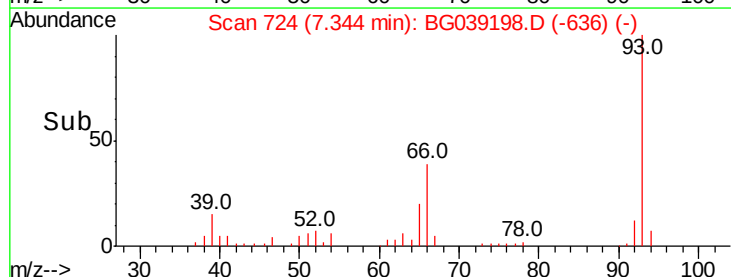
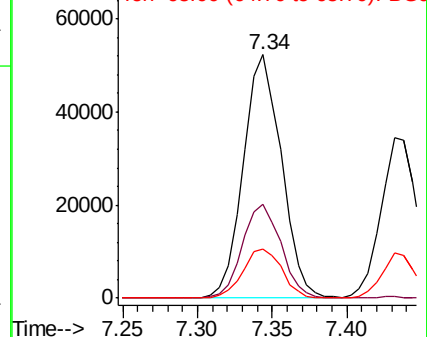
65 20.0 17.0 25.4

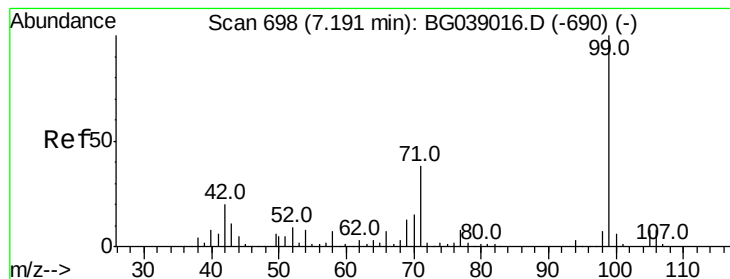


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 86.251 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

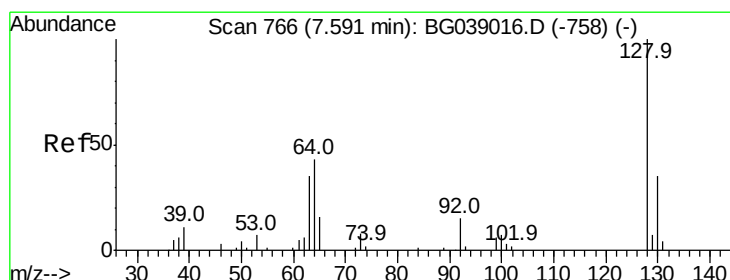
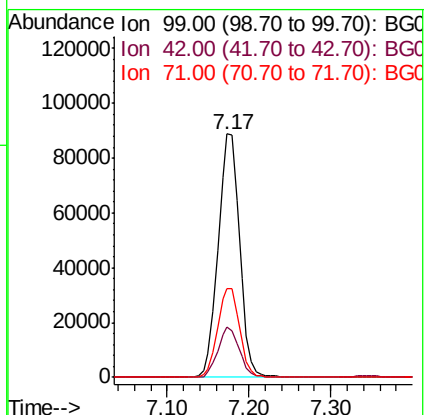
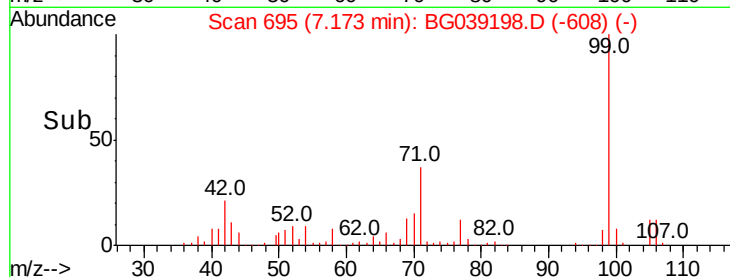
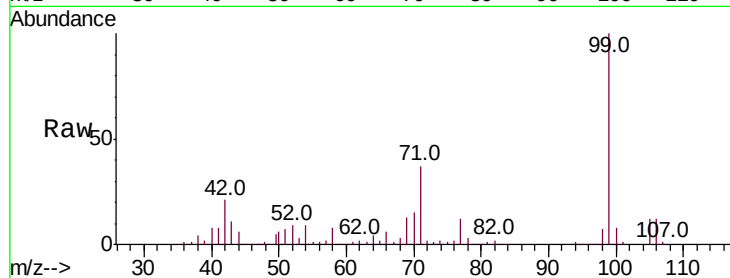
Tot Ion: 99 Resp: 162072

Ion Ratio Lower Upper

99 100

42 20.6 15.8 23.6

71 36.5 30.2 45.4



#8

2-Chlorophenol

Concen: 42.320 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

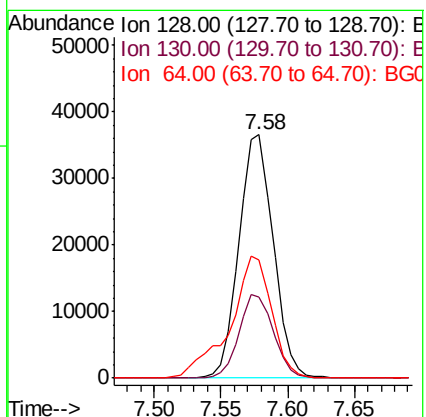
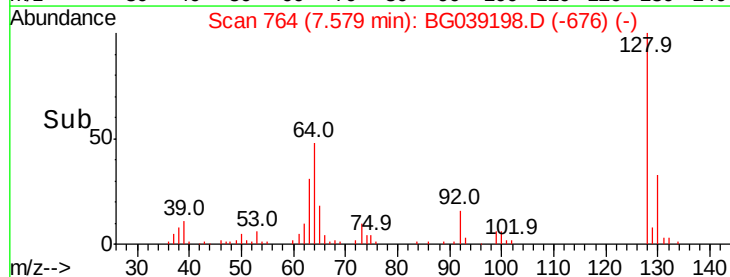
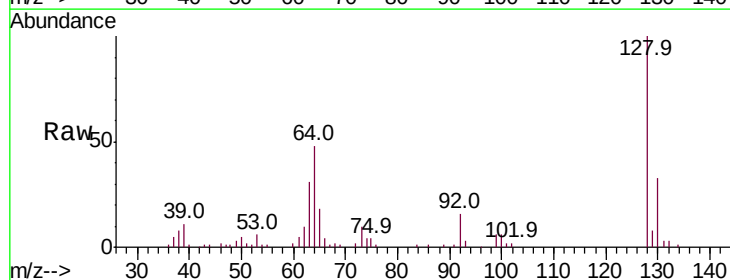
Tgt Ion: 128 Resp: 65137

Ion Ratio Lower Upper

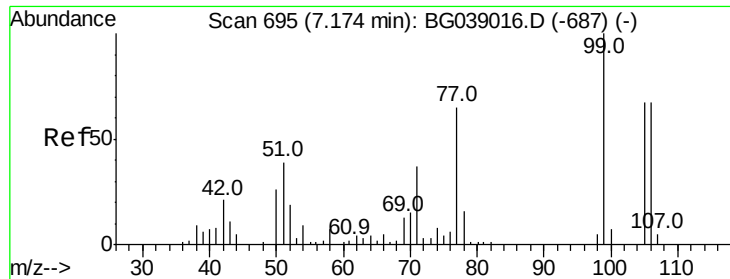
128 100

130 33.1 14.5 54.5

64 48.4 27.3 67.3







#9

Benzaldehyde

Concen: 40.053 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.02 min

Lab File: BG039198.D

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Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

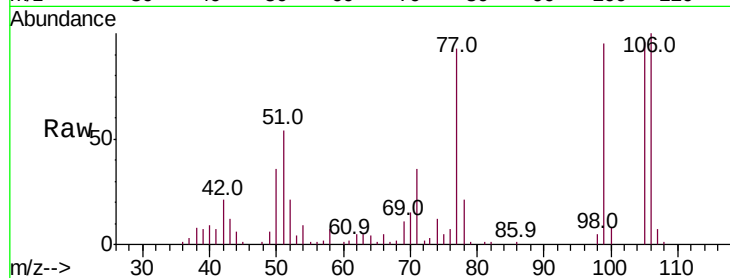
Tot Ion: 77 Resp: 43404

Ion Ratio Lower Upper

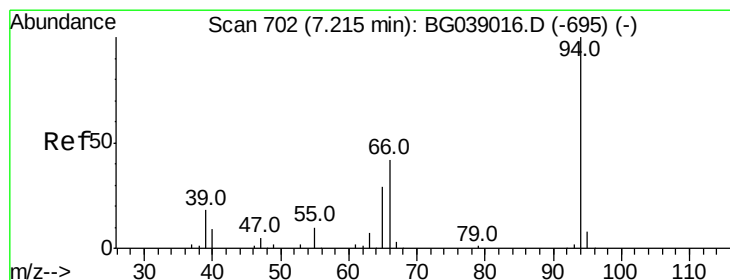
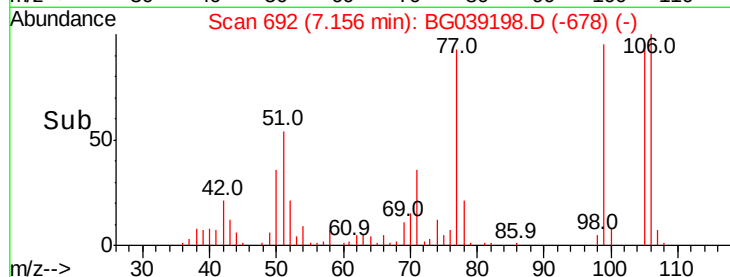
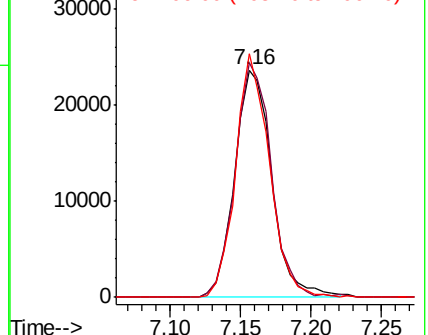
77 100

105 103.0 82.4 122.4

106 107.1 82.8 122.8



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: 43.034 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

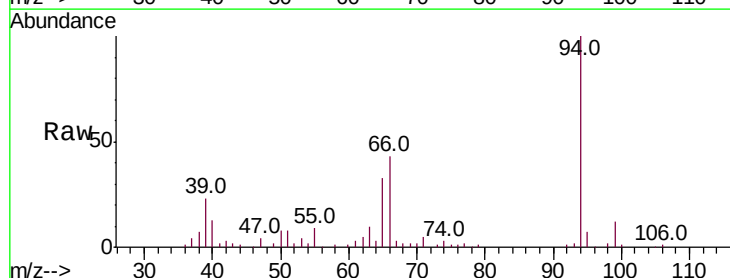
Tgt Ion: 94 Resp: 81074

Ion Ratio Lower Upper

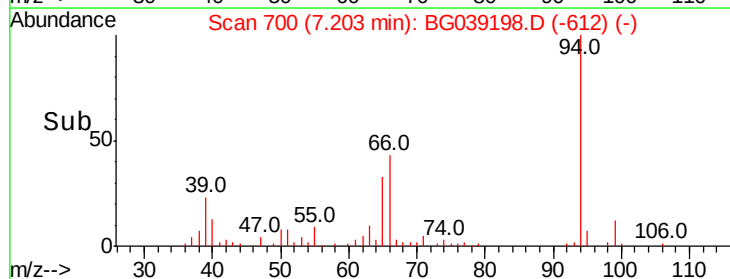
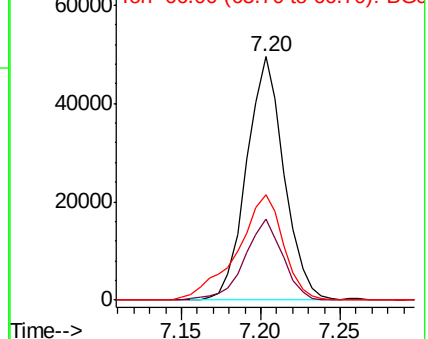
94 100

65 33.2 10.3 50.3

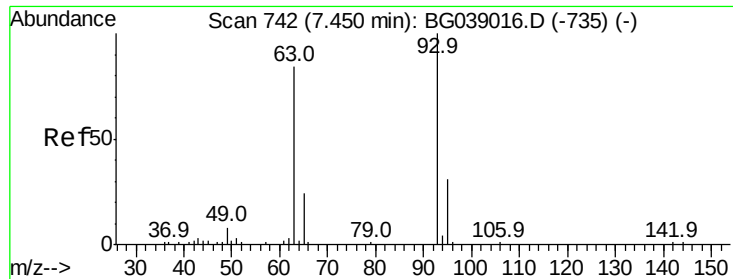
66 43.1 25.1 65.1



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







#11

bis(2-Chloroethyl)ether

Concen: 40.437 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

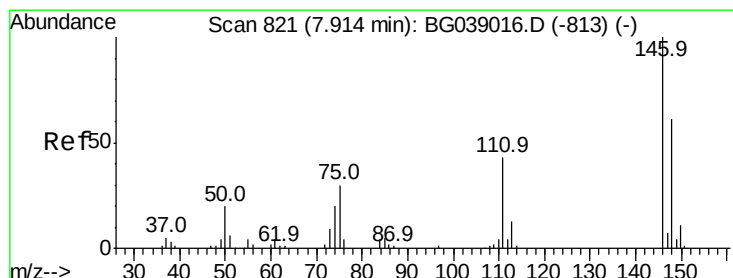
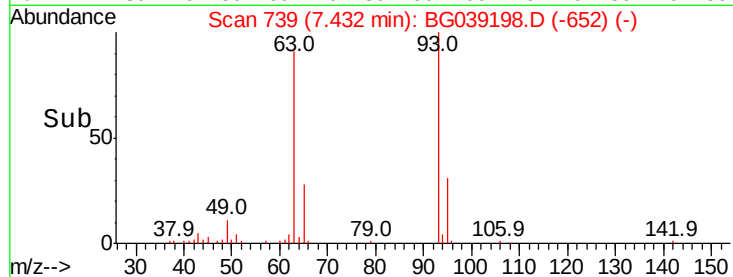
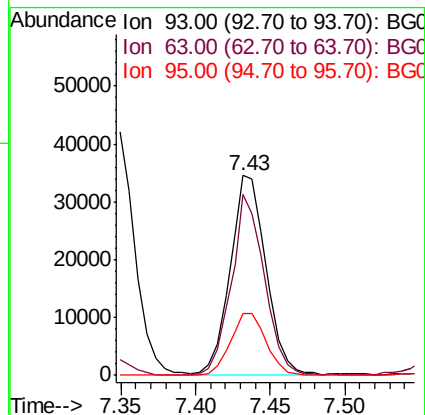
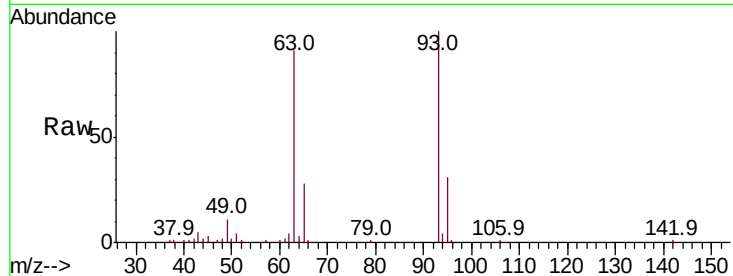
Tot Ion: 93 Resp: 58224

Ion Ratio Lower Upper

93 100

63 90.7 63.2 103.2

95 31.3 11.2 51.2



#12

1,3-Dichlorobenzene

Concen: 39.726 ng

RT: 7.90 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

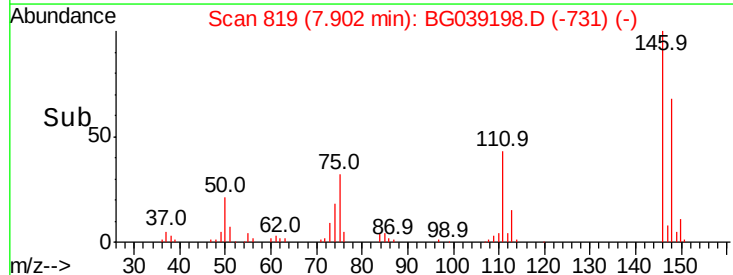
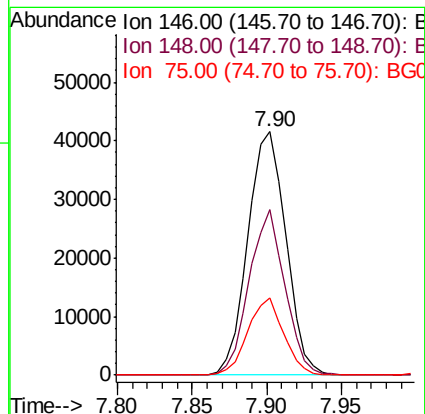
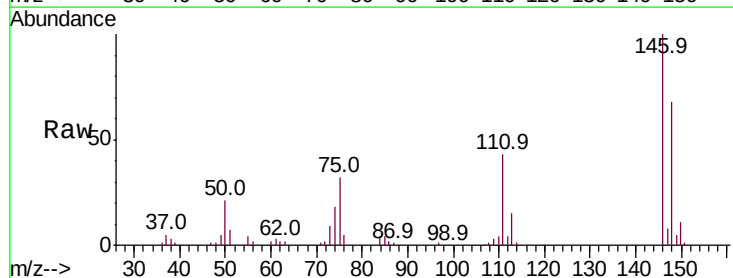
Tgt Ion:146 Resp: 73259

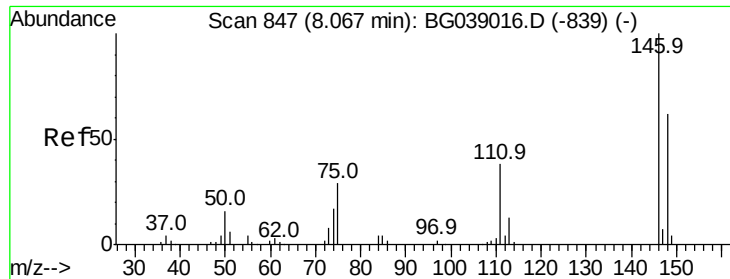
Ion Ratio Lower Upper

146 100

148 67.8 49.1 73.7

75 31.7 23.9 35.9

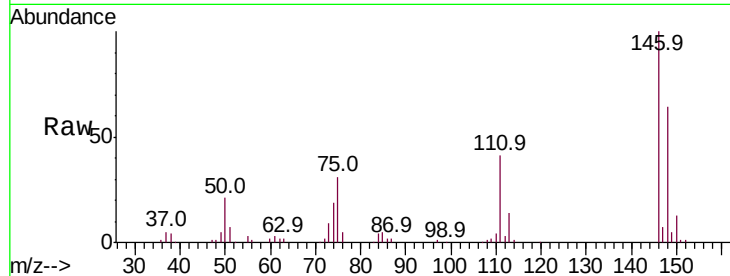




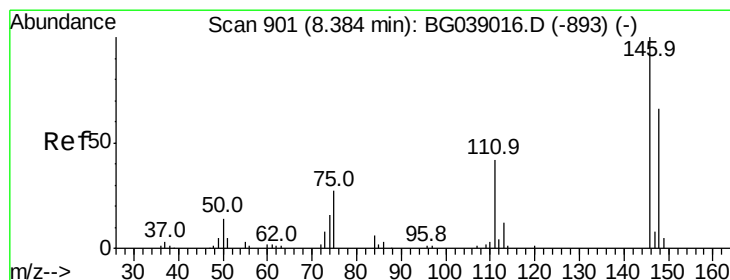
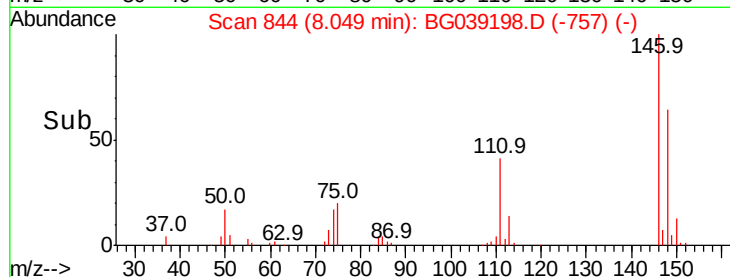
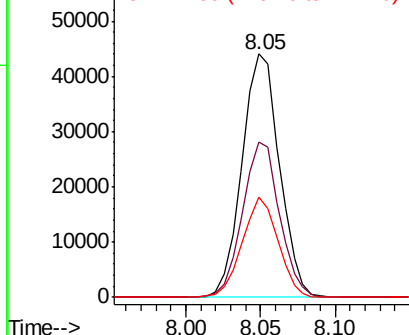
#13  
 1,4-Dichlorobenzene  
 Concen: 40.807 ng  
 RT: 8.05 min Scan# 844  
 Delta R.T. -0.02 min  
 Lab File: BG039198.D  
 Acq: 18 Jan 2019 00:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:146 Resp: 76214  
 Ion Ratio Lower Upper  
 146 100  
 148 63.6 49.8 74.6  
 111 41.3 30.6 45.8

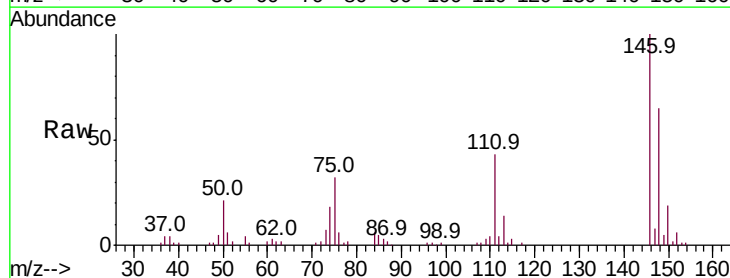


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

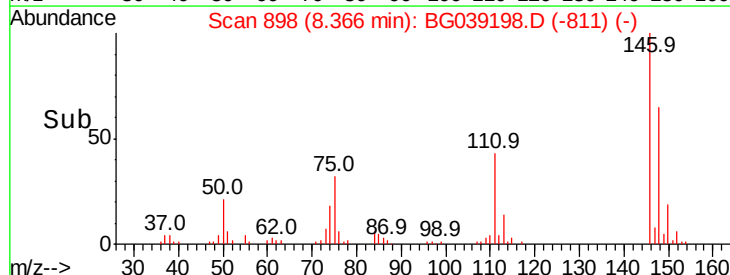
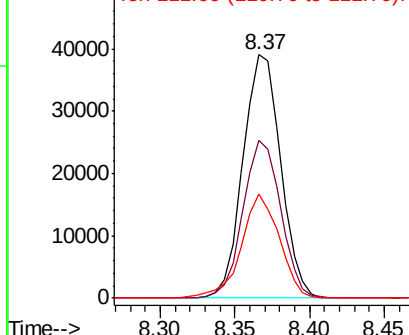


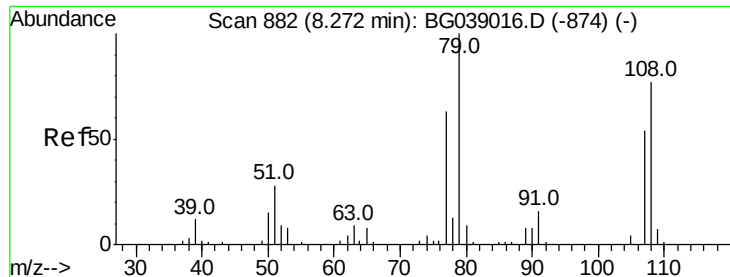
#14  
 1,2-Dichlorobenzene  
 Concen: 38.334 ng  
 RT: 8.37 min Scan# 898  
 Delta R.T. -0.02 min  
 Lab File: BG039198.D  
 Acq: 18 Jan 2019 00:31

Tgt Ion:146 Resp: 68262  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 52.6 79.0  
 111 42.9 34.6 51.8



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

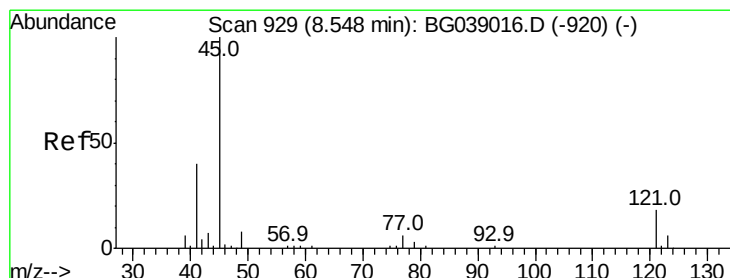
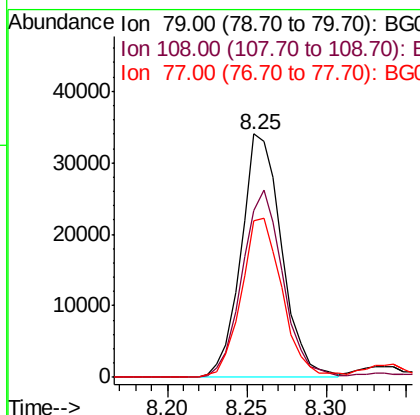
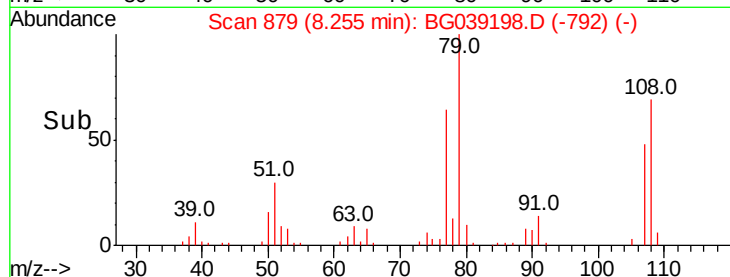
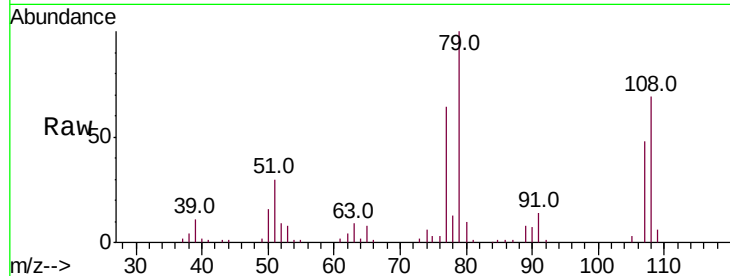




#15  
Benzyl Alcohol  
Concen: 42.685 ng  
RT: 8.25 min Scan# 879  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

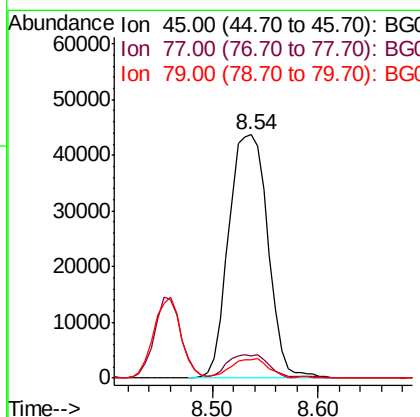
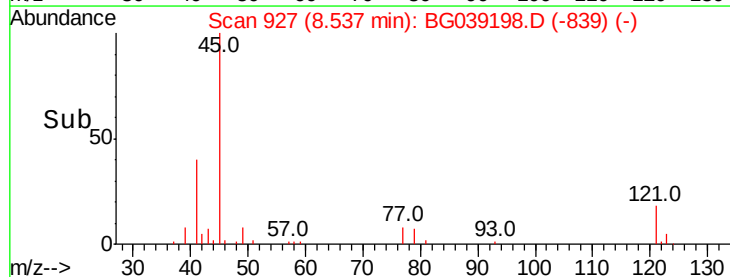
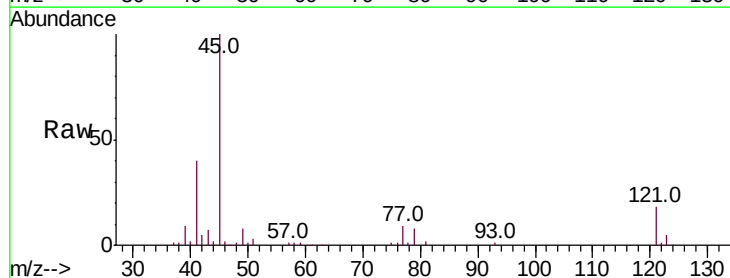
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

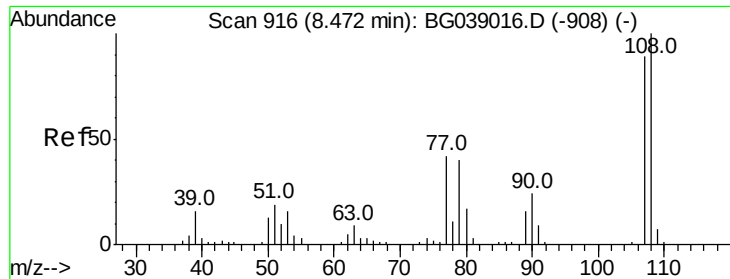
Tot Ion: 79 Resp: 60403  
Ion Ratio Lower Upper  
79 100  
108 68.8 62.0 93.0  
77 64.3 50.1 75.1



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 40.615 ng  
RT: 8.54 min Scan# 927  
Delta R.T. -0.01 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Tgt Ion: 45 Resp: 112136  
Ion Ratio Lower Upper  
45 100  
77 9.3 0.0 30.7  
79 7.6 0.0 28.5

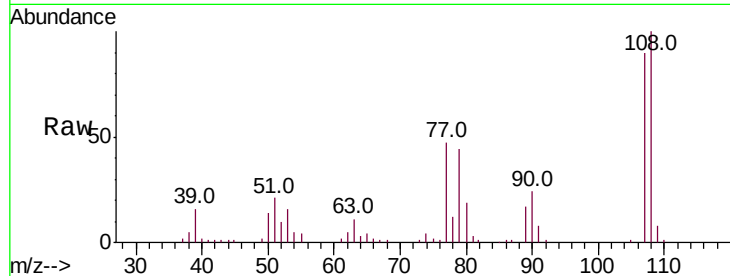




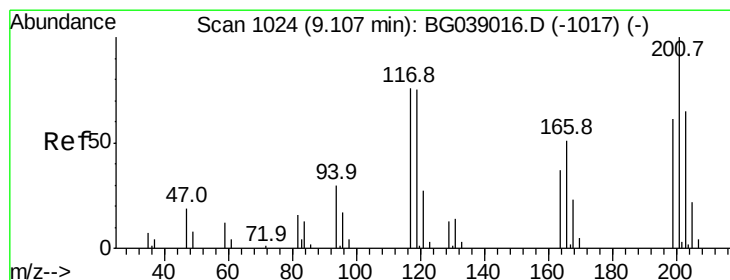
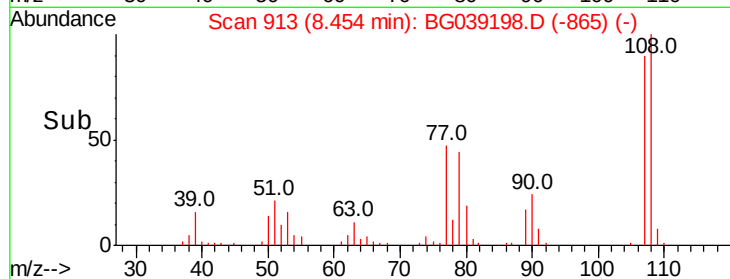
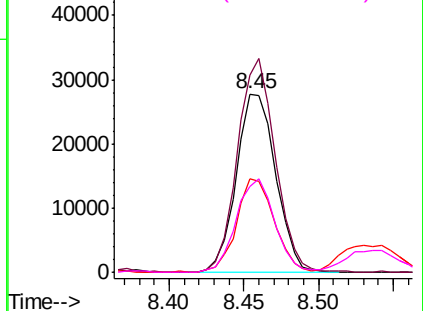
#17  
2-Methylphenol  
Concen: 38.940 ng  
RT: 8.45 min Scan# 913  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:107 Resp: 50939  
Ion Ratio Lower Upper  
107 100  
108 110.6 90.3 135.5  
77 52.3 38.3 57.5  
79 48.4 35.8 53.6

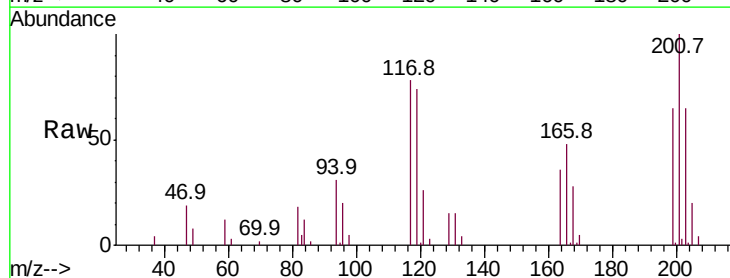


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

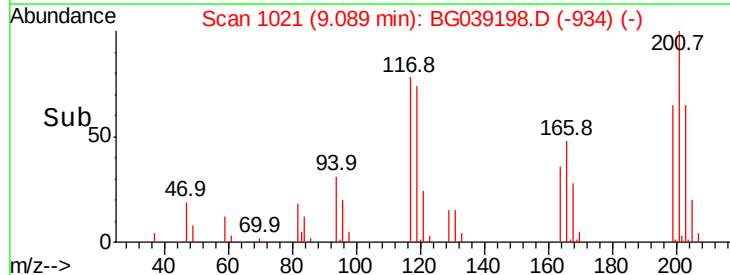
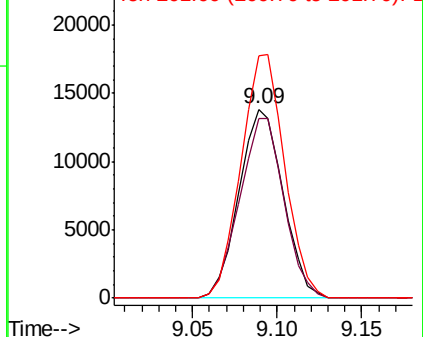


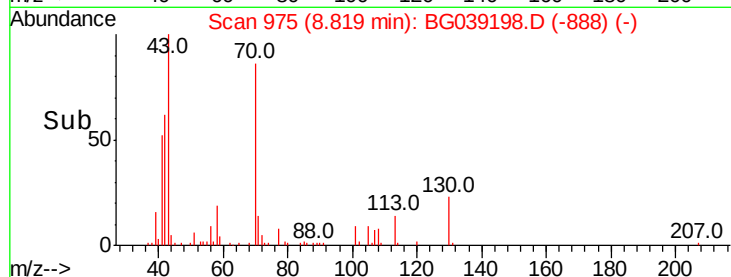
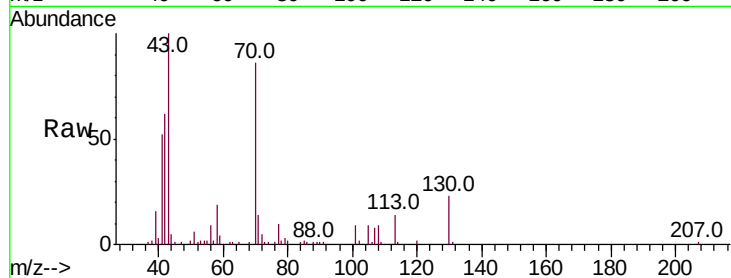
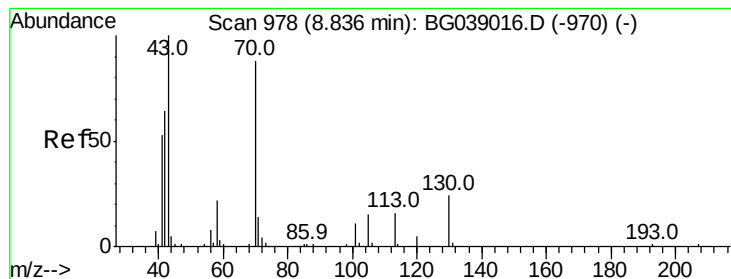
#18  
Hexachloroethane  
Concen: 39.406 ng  
RT: 9.09 min Scan# 1021  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Tgt Ion:117 Resp: 25003  
Ion Ratio Lower Upper  
117 100  
119 95.0 78.7 118.1  
201 131.8 108.1 162.1



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





#19

n-Nitroso-di-n-propylamine

Concen: 40.204 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 49610

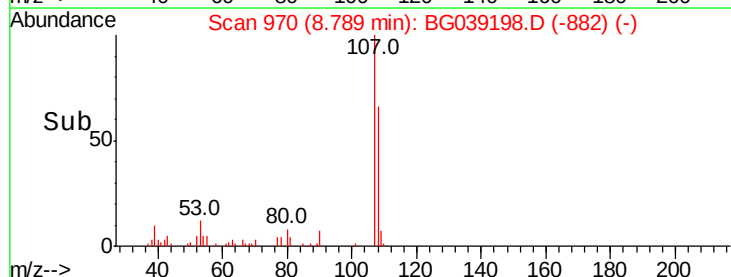
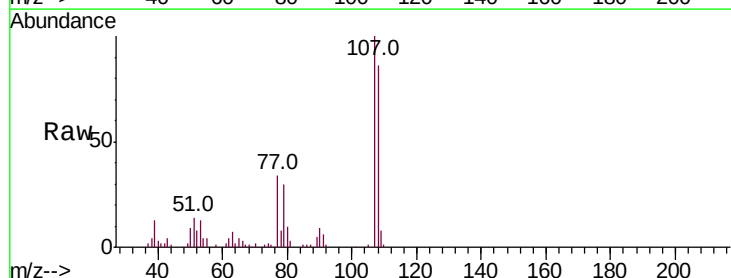
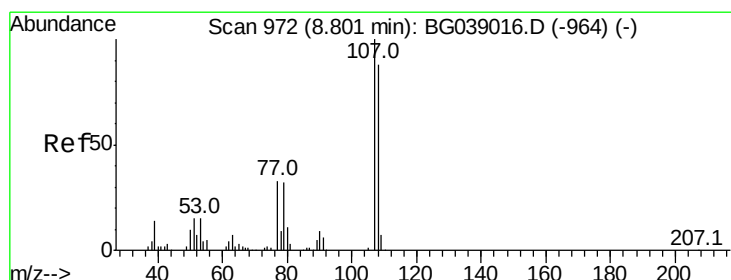
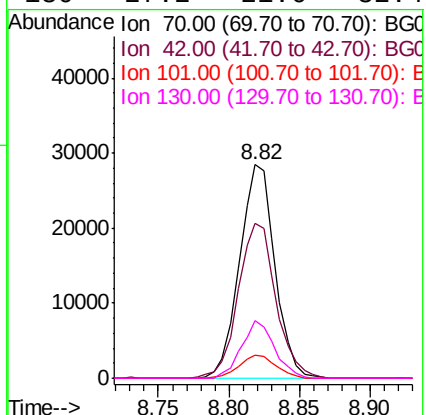
Ion Ratio Lower Upper

70 100

42 72.4 59.0 88.4

101 10.8 10.4 15.6

130 27.2 21.6 32.4



#20

3+4-Methylphenols

Concen: 40.156 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Tgt Ion:107 Resp: 74894

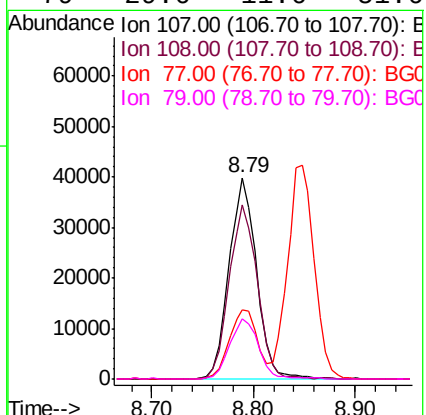
Ion Ratio Lower Upper

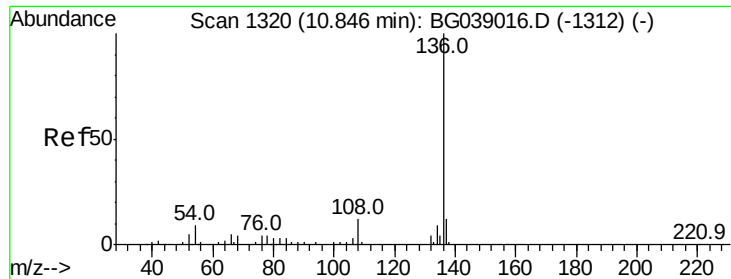
107 100

108 86.5 68.4 108.4

77 34.4 13.3 53.3

79 29.6 11.6 51.6

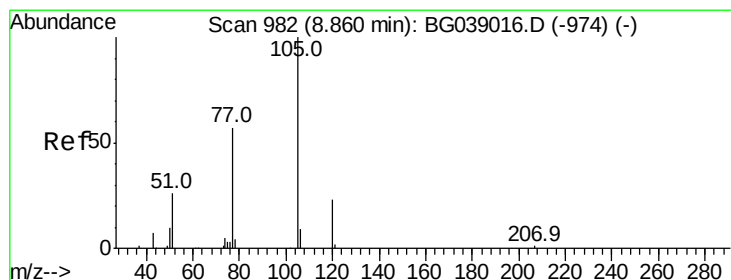
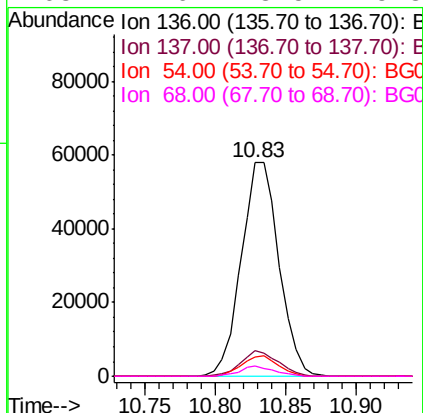
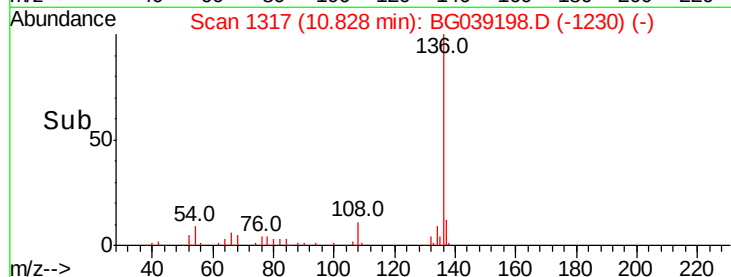
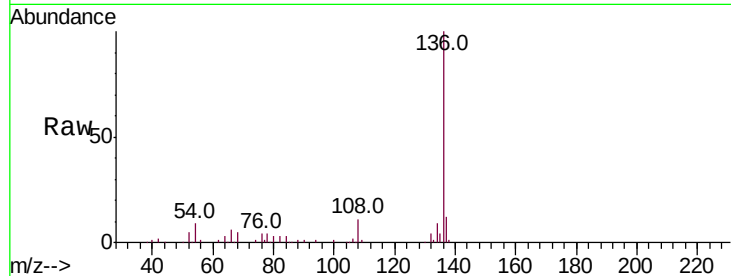




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.83 min Scan# 1317  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

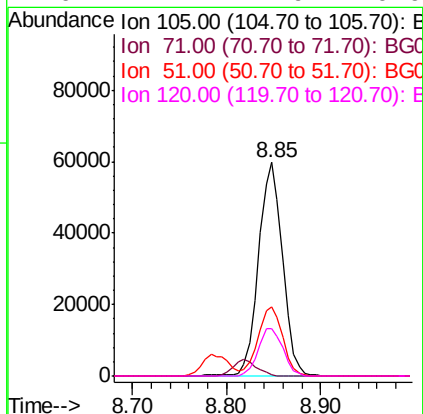
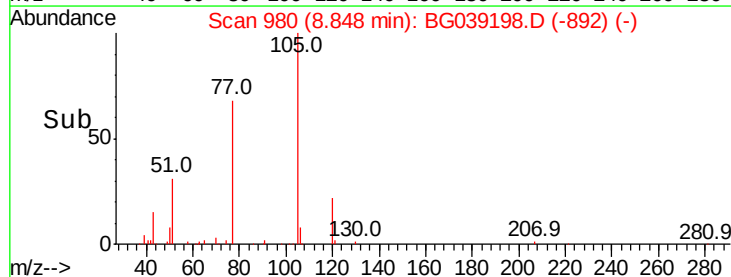
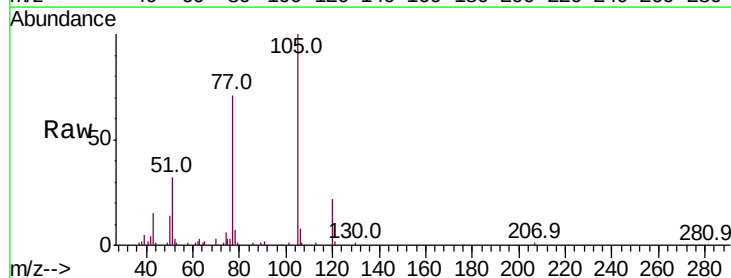
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

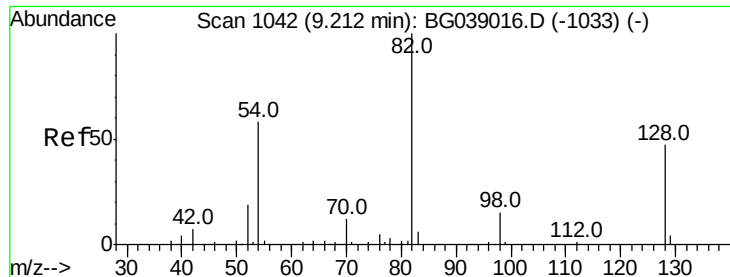
|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 108139   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.8  | 9.4 14.2 |
| 54          | 9.3   | 7.2 10.8 |
| 68          | 4.6   | 3.5 5.3  |



#22  
Acetophenone  
Concen: 37.297 ng  
RT: 8.85 min Scan# 980  
Delta R.T. -0.01 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 105329    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.4   | 0.6 1.0#  |
| 51          | 32.5  | 26.6 39.8 |
| 120         | 22.2  | 17.9 26.9 |

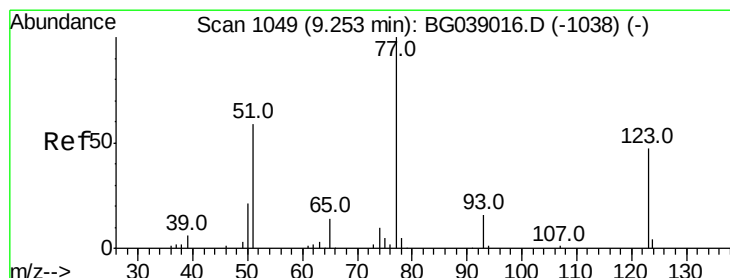
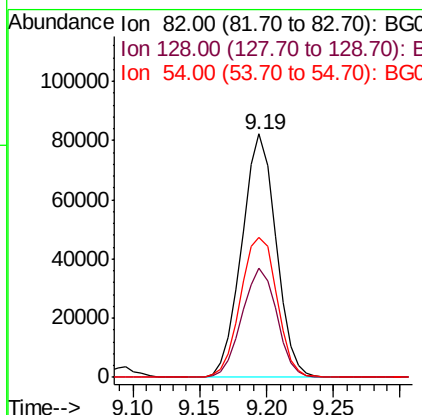
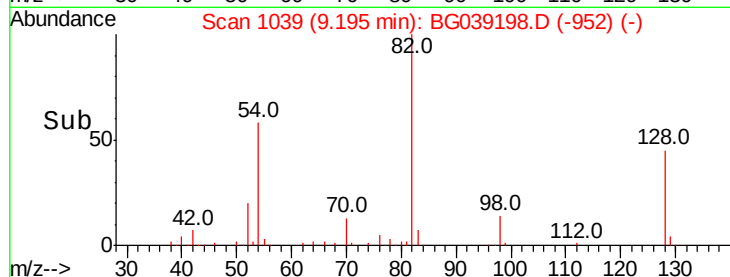
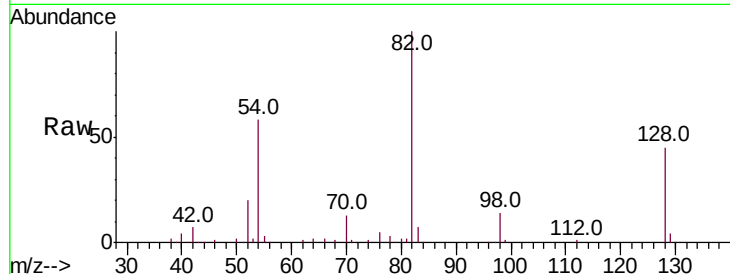




#23  
Nitrobenzene-d5  
Concen: 73.970 ng  
RT: 9.19 min Scan# 1039  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

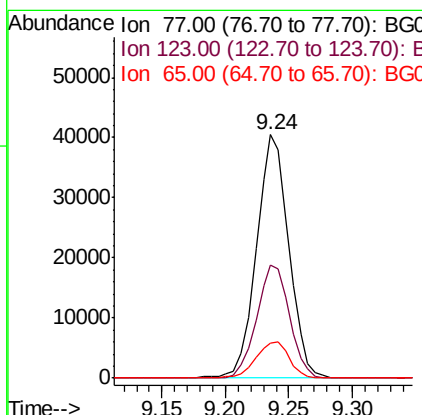
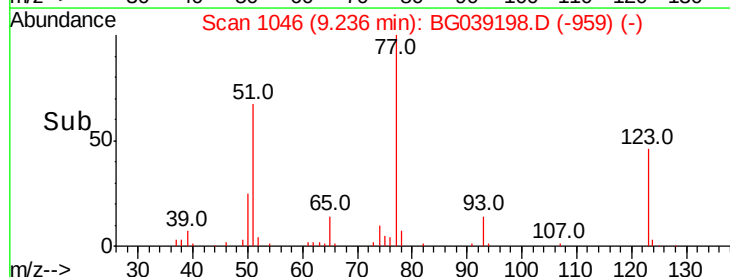
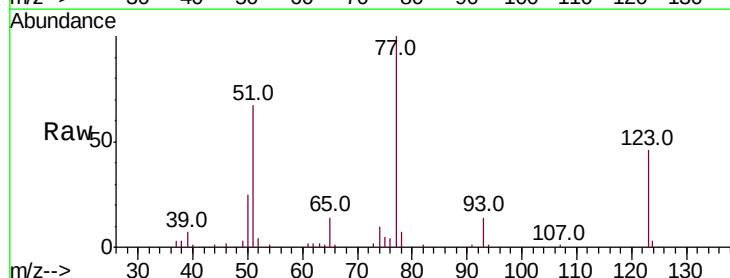
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion: 82 Resp: 146183  
Ion Ratio Lower Upper  
82 100  
128 44.7 37.3 55.9  
54 57.5 46.4 69.6

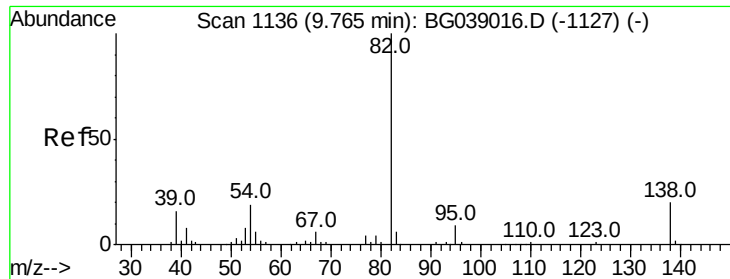


#24  
Nitrobenzene  
Concen: 35.819 ng  
RT: 9.24 min Scan# 1046  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Tgt Ion: 77 Resp: 71549  
Ion Ratio Lower Upper  
77 100  
123 46.2 37.6 56.4  
65 14.5 11.0 16.6







#25

Isophorone

Concen: 51.756 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.02 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

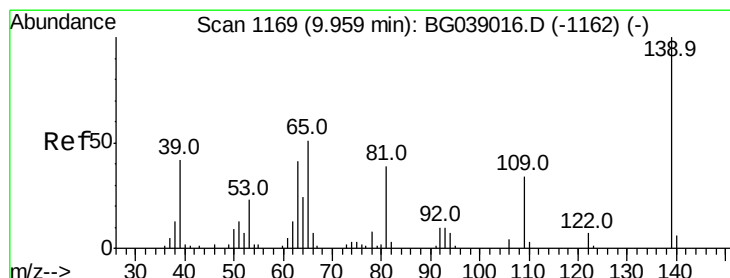
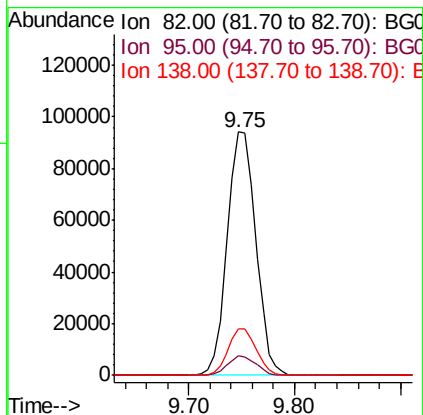
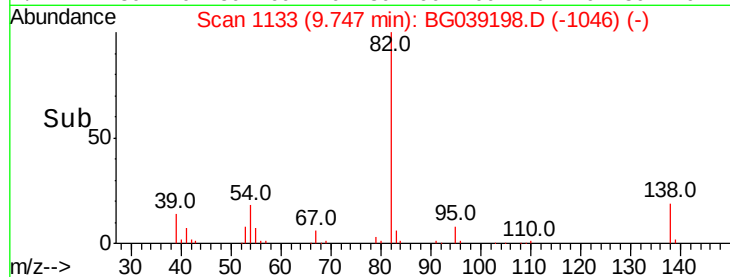
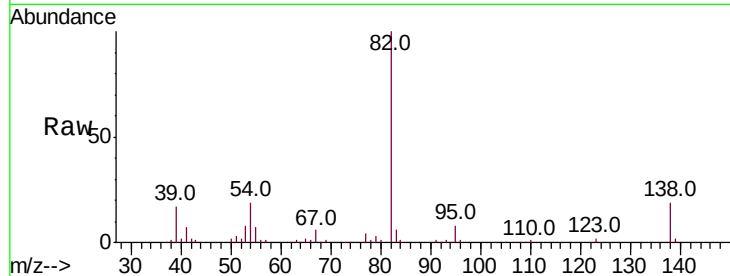
Tot Ion: 82 Resp: 176186

Ion Ratio Lower Upper

82 100

95 8.2 7.0 10.6

138 18.9 16.2 24.4



#26

2-Nitrophenol

Concen: 46.876 ng

RT: 9.95 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

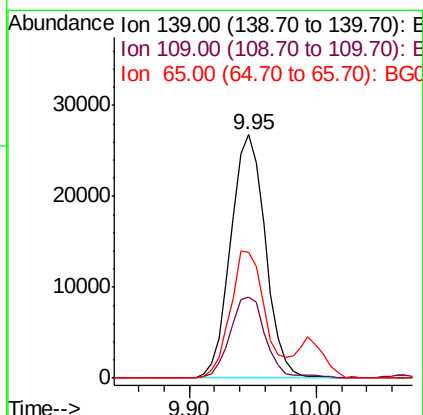
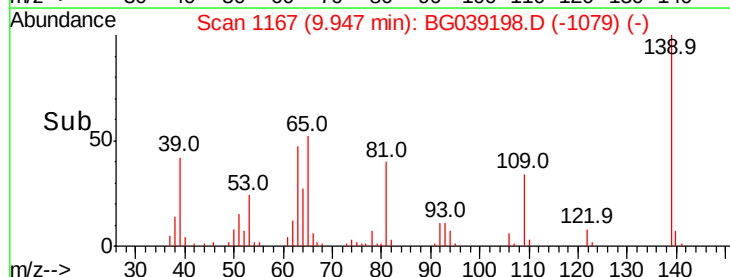
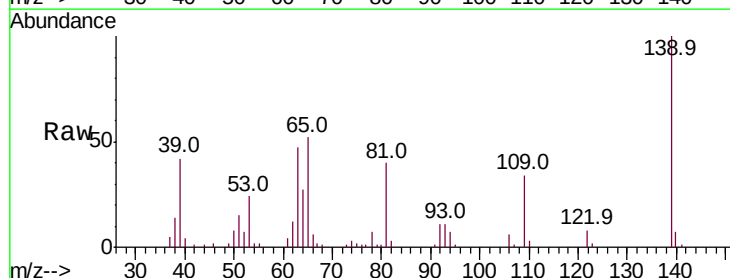
Tgt Ion: 139 Resp: 50647

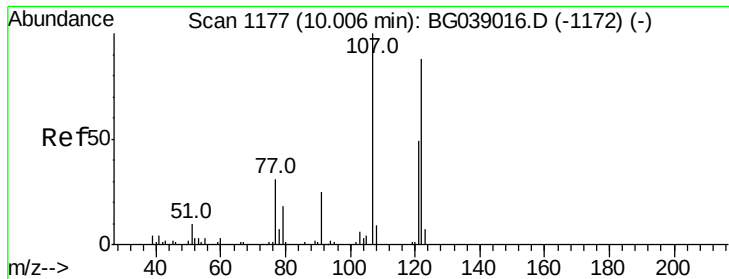
Ion Ratio Lower Upper

139 100

109 33.5 27.3 40.9

65 51.9 40.6 61.0

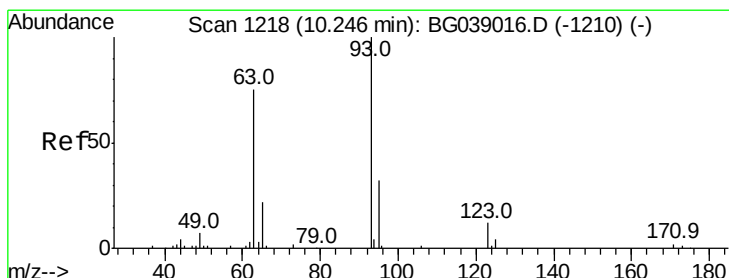
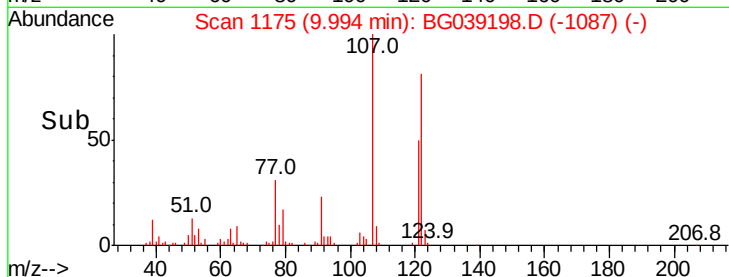
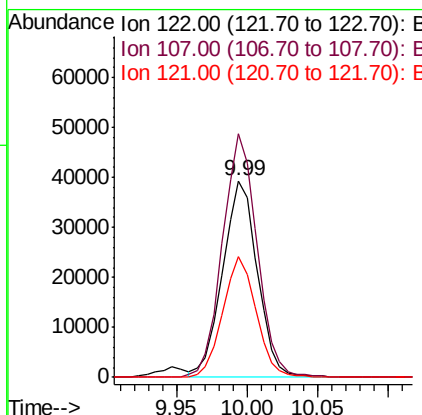
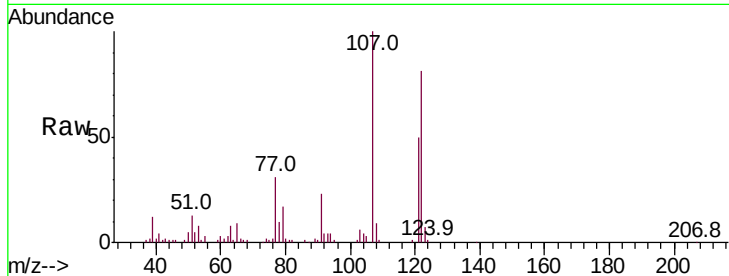




#27  
2,4-Dimethylphenol  
Concen: 44.382 ng  
RT: 9.99 min Scan# 1175  
Delta R.T. -0.01 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

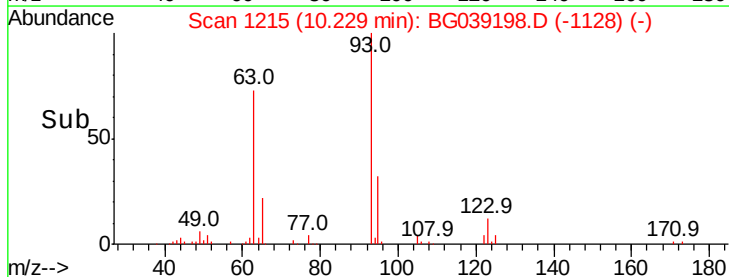
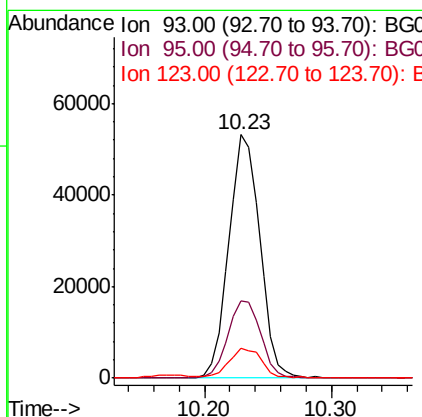
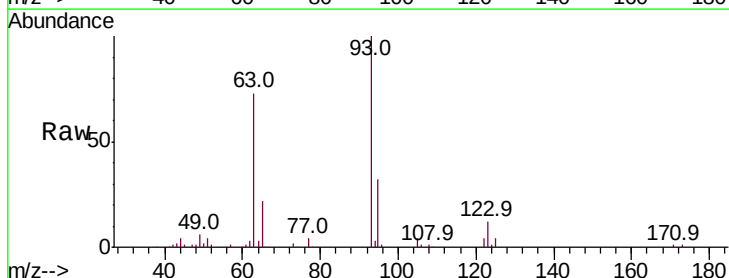
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

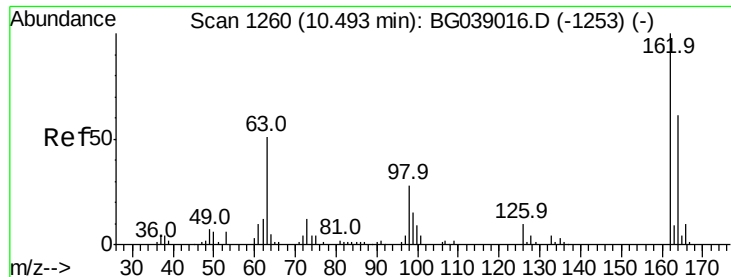
Tot Ion:122 Resp: 67463  
Ion Ratio Lower Upper  
122 100  
107 123.8 88.8 133.2  
121 61.6 43.1 64.7



#28  
bis(2-Chloroethoxy)methane  
Concen: 43.986 ng  
RT: 10.23 min Scan# 1215  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Tgt Ion: 93 Resp: 89992  
Ion Ratio Lower Upper  
93 100  
95 31.9 25.6 38.4  
123 12.4 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 46.099 ng

RT: 10.48 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

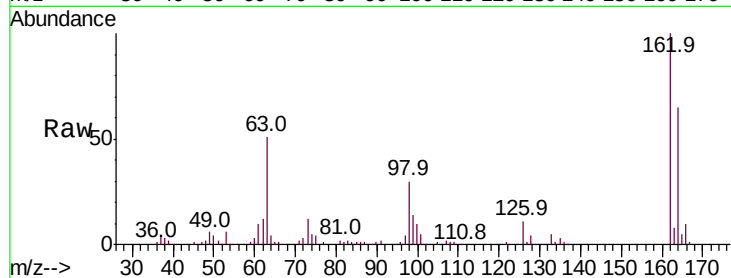
Tot Ion:162 Resp: 87053

Ion Ratio Lower Upper

162 100

164 65.4 41.3 81.3

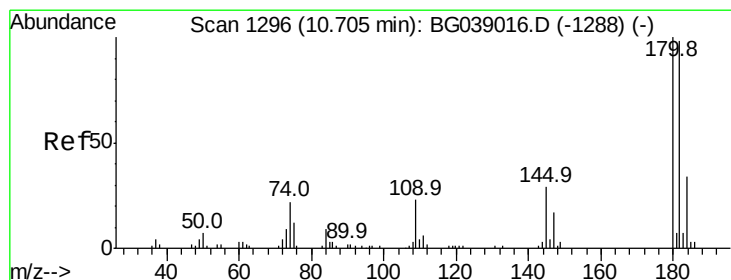
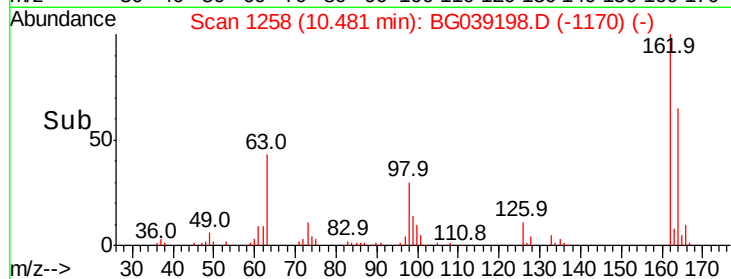
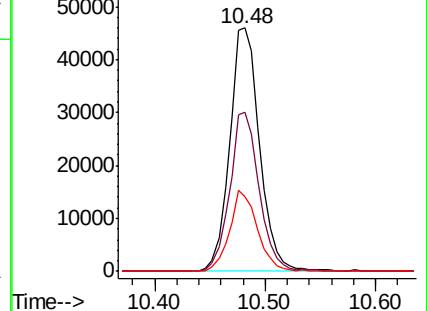
98 30.4 8.3 48.3



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 41.070 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

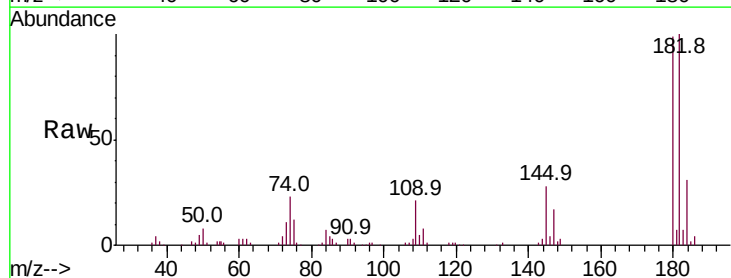
Tgt Ion:180 Resp: 93188

Ion Ratio Lower Upper

180 100

182 101.5 78.1 117.1

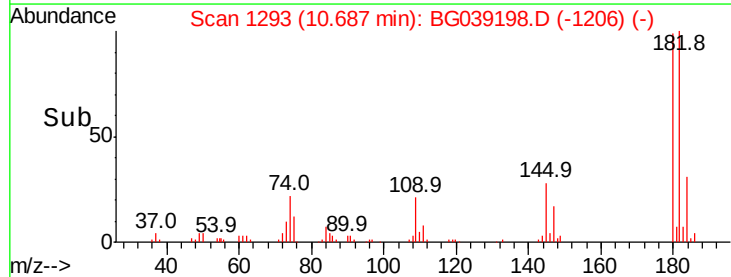
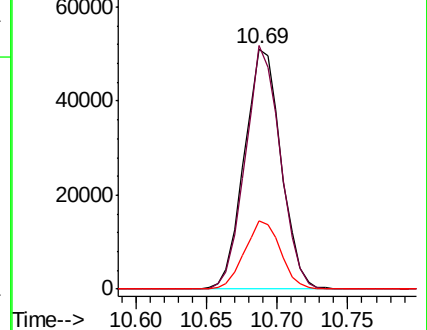
145 28.6 23.1 34.7

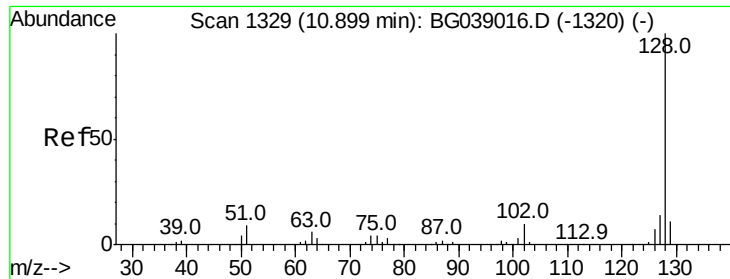


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

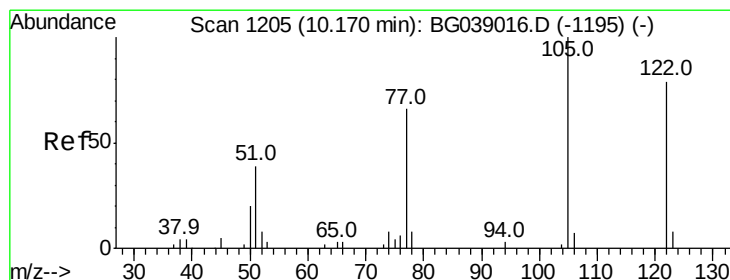
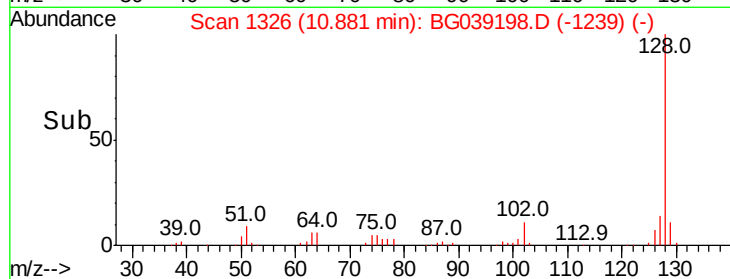
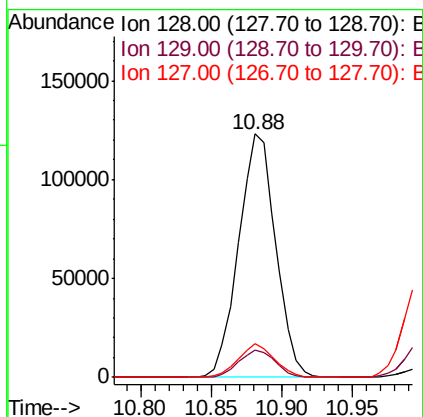
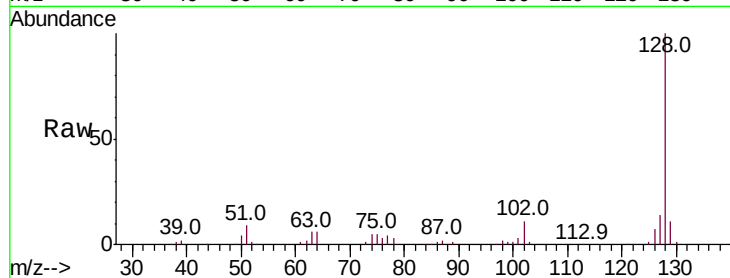




#31  
Naphthalene  
Concen: 41.640 ng  
RT: 10.88 min Scan# 1326  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

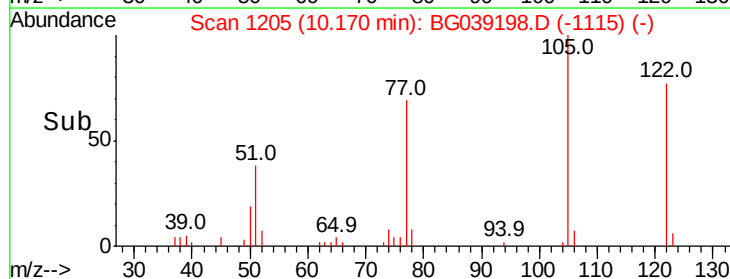
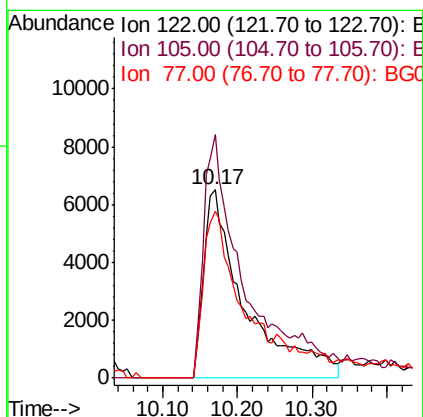
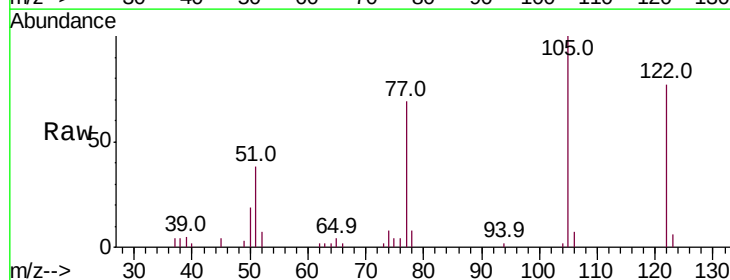
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

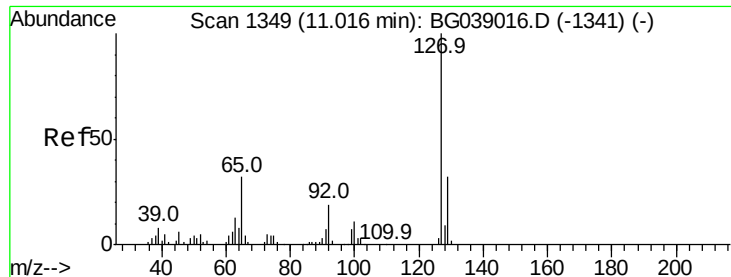
Tot Ion:128 Resp: 225839  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.1 13.7  
127 13.9 11.2 16.8



#32  
Benzoic acid  
Concen: 31.293 ng  
RT: 10.17 min Scan# 1205  
Delta R.T. -0.00 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Tgt Ion:122 Resp: 25428  
Ion Ratio Lower Upper  
122 100  
105 129.4 106.4 146.4  
77 88.8 63.6 103.6

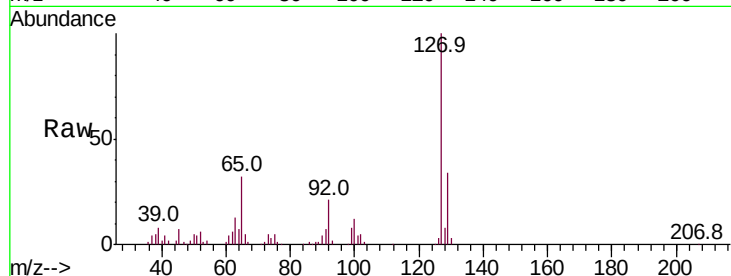




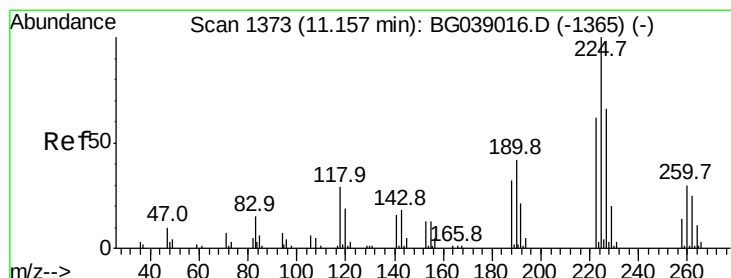
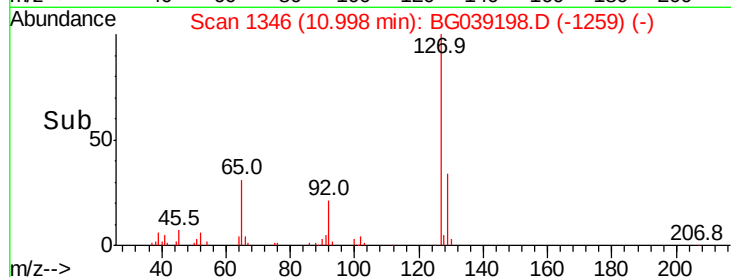
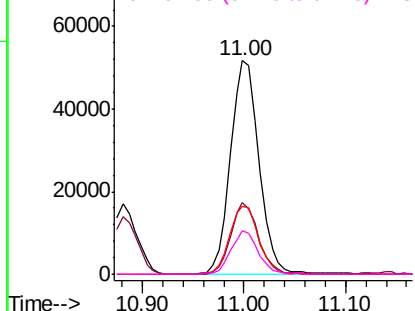
#33  
4-Chloroaniline  
Concen: 41.736 ng  
RT: 11.00 min Scan# 1346  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 101287 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.8  | 25.4  | 38.0   |
| 65       | 31.5  | 25.4  | 38.0   |
| 92       | 20.5  | 15.2  | 22.8   |

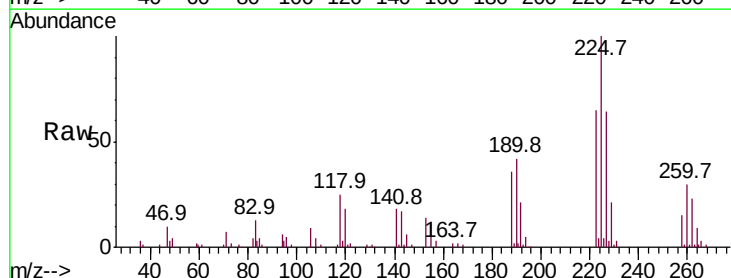


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

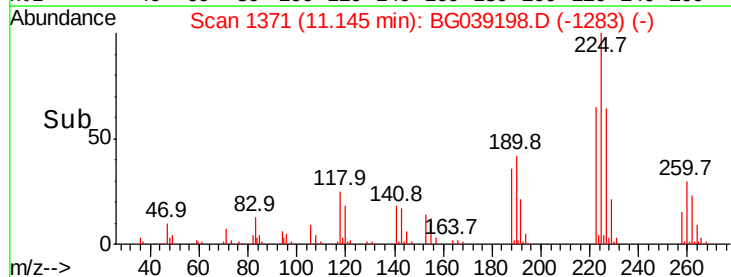
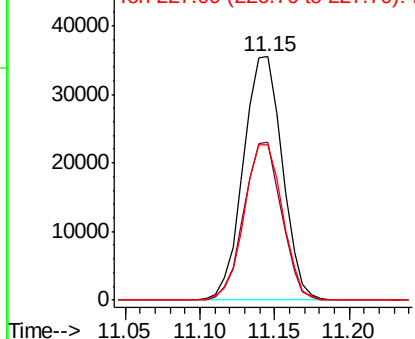


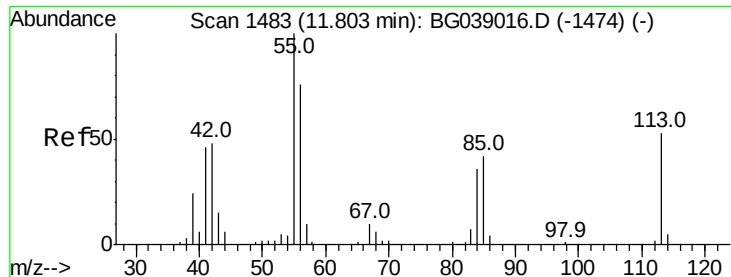
#34  
Hexachlorobutadiene  
Concen: 41.000 ng  
RT: 11.15 min Scan# 1371  
Delta R.T. -0.01 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 64012 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 68.2  | 50.2  | 75.4  |
| 227      | 66.8  | 53.2  | 79.8  |



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

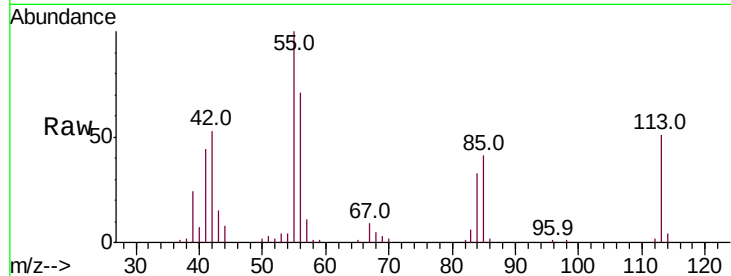




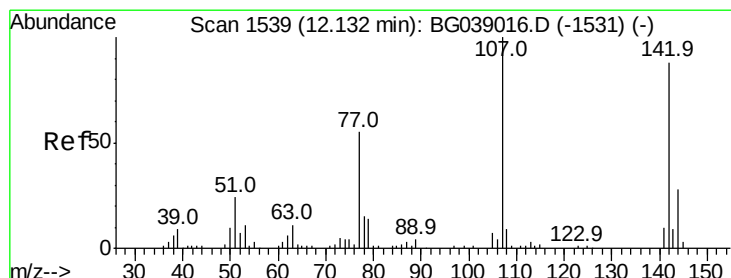
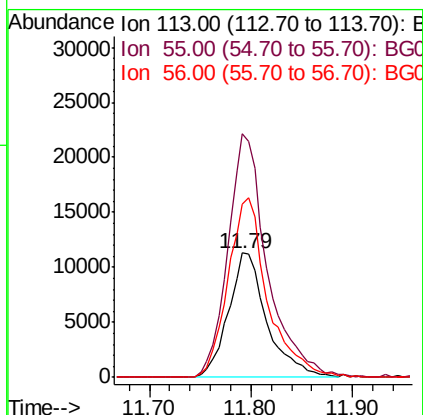
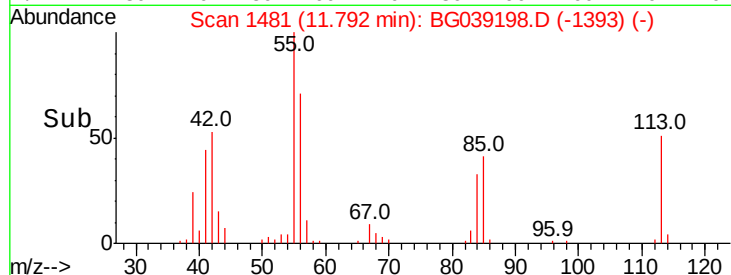
#35  
 Caprolactam  
 Concen: 39.440 ng  
 RT: 11.79 min Scan# 1481  
 Delta R.T. -0.01 min  
 Lab File: BG039198.D  
 Acq: 18 Jan 2019 00:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:113 Resp: 29866  
 Ion Ratio Lower Upper  
 113 100  
 55 195.5 168.6 208.6  
 56 139.1 123.2 163.2

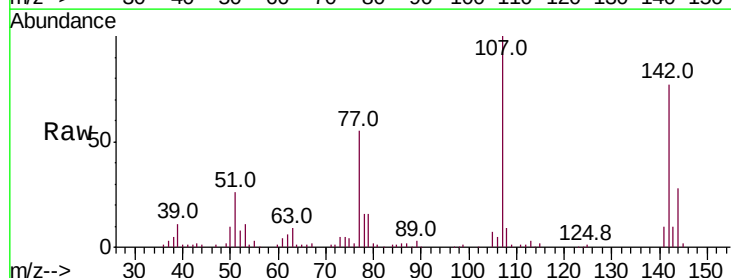


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BGC  
 Ion 56.00 (55.70 to 56.70): BGC

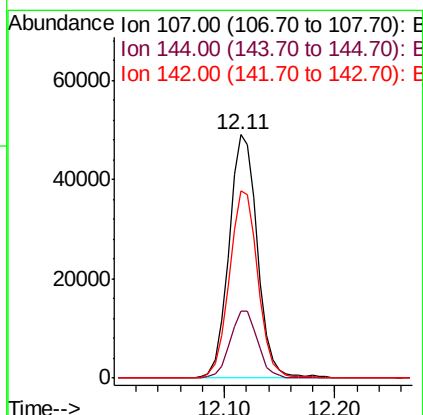
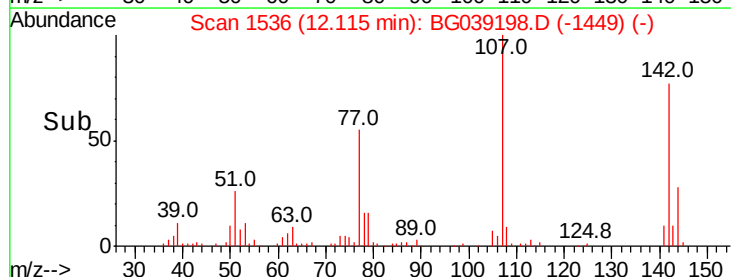


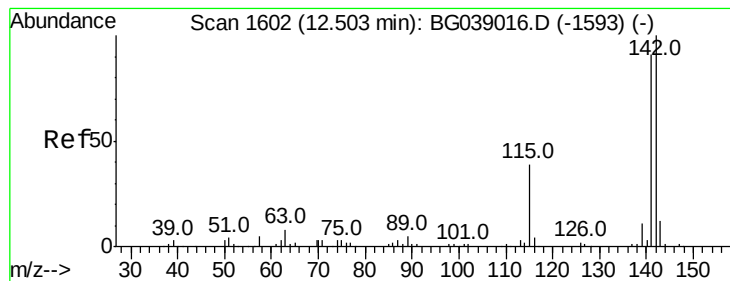
#36  
 4-Chloro-3-methylphenol  
 Concen: 43.878 ng  
 RT: 12.11 min Scan# 1536  
 Delta R.T. -0.02 min  
 Lab File: BG039198.D  
 Acq: 18 Jan 2019 00:31

Tgt Ion:107 Resp: 88623  
 Ion Ratio Lower Upper  
 107 100  
 144 27.7 22.6 34.0  
 142 77.1 70.2 105.4



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.608 ng

RT: 12.48 min Scan# 1599

Delta R.T. -0.02 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

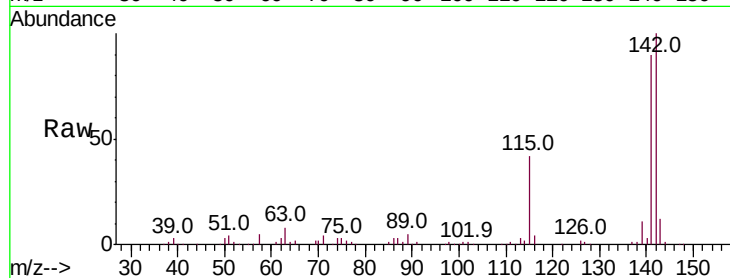
Tot Ion:142 Resp: 165124

Ion Ratio Lower Upper

142 100

141 90.4 72.6 109.0

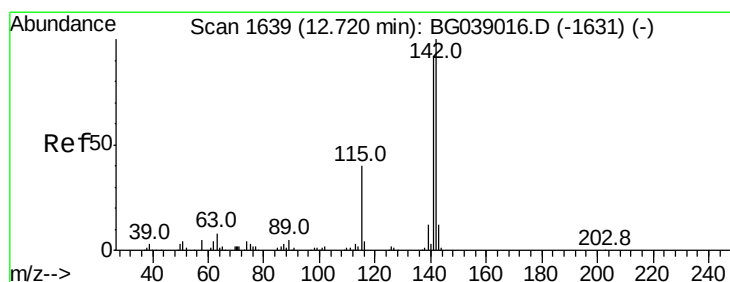
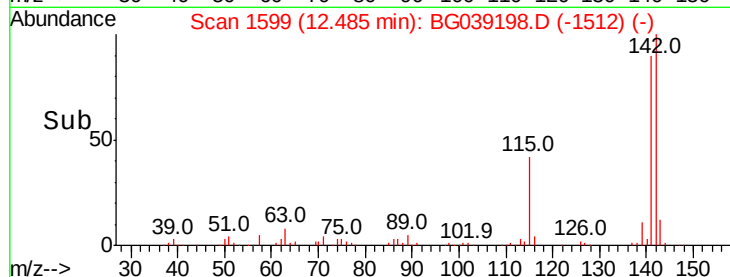
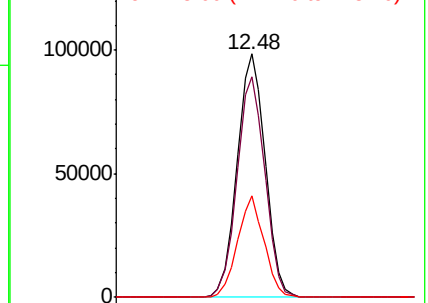
115 41.7 31.1 46.7



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: 40.332 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.02 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

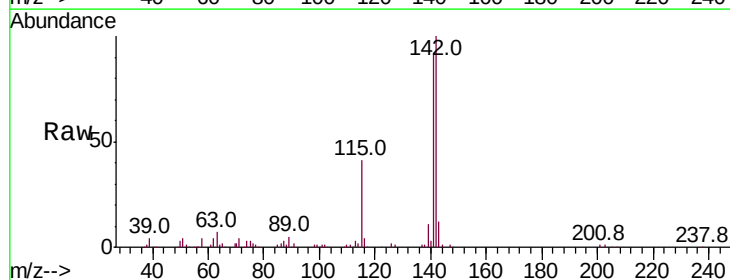
Tgt Ion:142 Resp: 157417

Ion Ratio Lower Upper

142 100

141 92.3 73.3 109.9

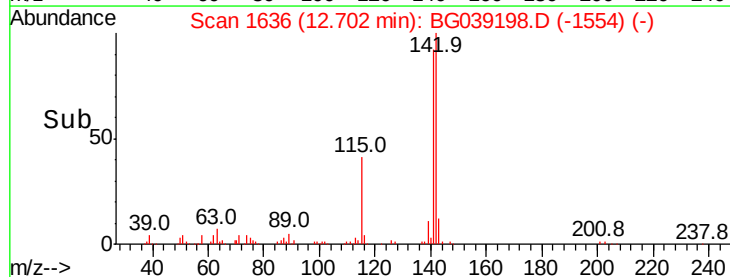
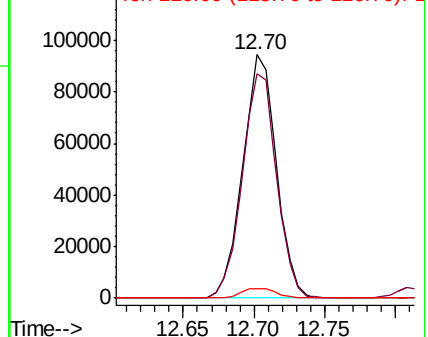
116 4.0 3.1 4.7

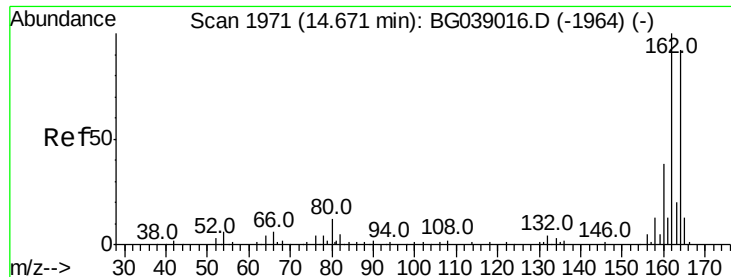


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.66 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

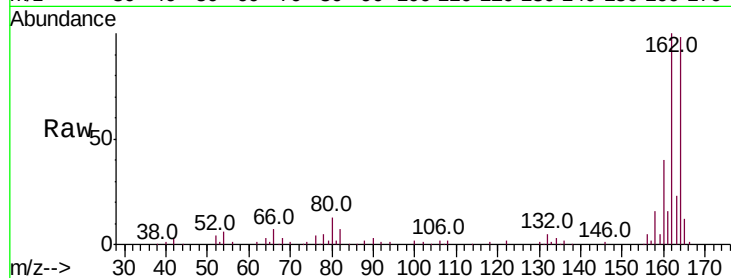
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:164 Resp: 80020

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 102.0 | 87.2  | 130.8 |
| 160 | 41.0  | 33.3  | 49.9  |

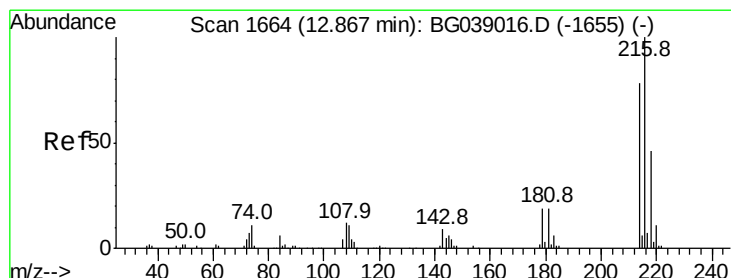
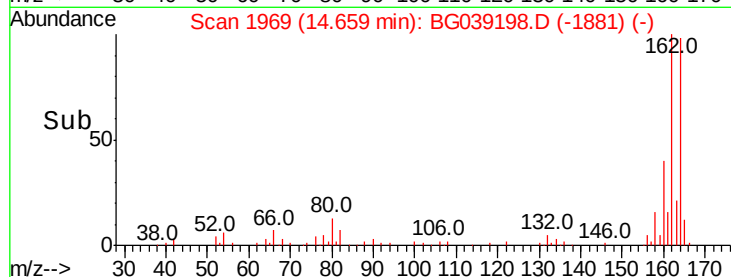
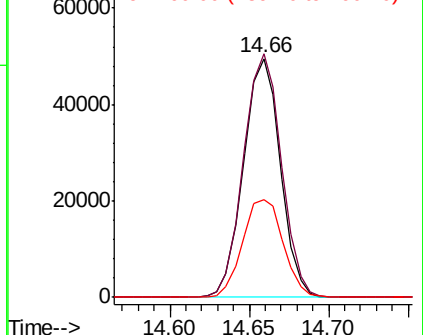


Abundance

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: 40.567 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.02 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Tgt Ion:216 Resp: 121911

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 216 | 100   |       |       |
| 214 | 78.8  | 63.4  | 95.2  |
| 179 | 19.4  | 15.5  | 23.3  |
| 108 | 15.1  | 11.4  | 17.2  |

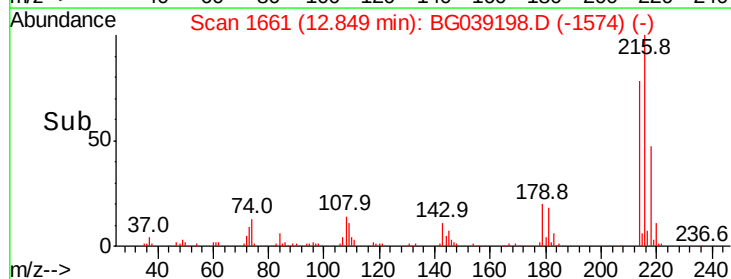
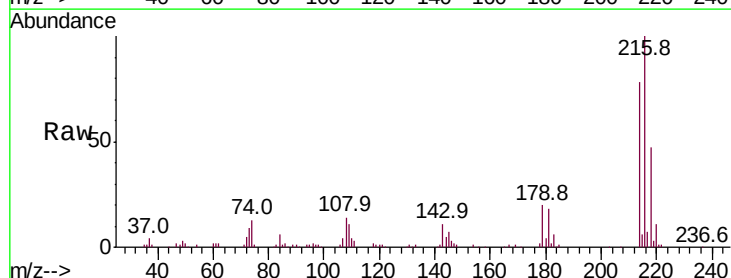
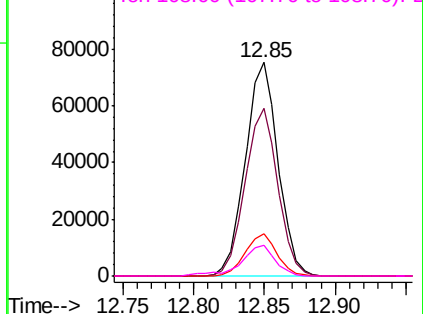
Abundance

Ion 216.00 (215.70 to 216.70): E

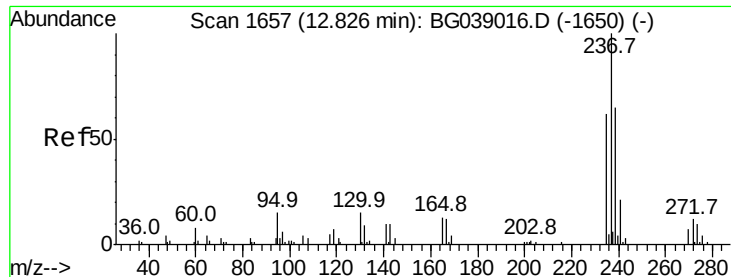
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 41.252 ng

RT: 12.81 min Scan# 1655

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

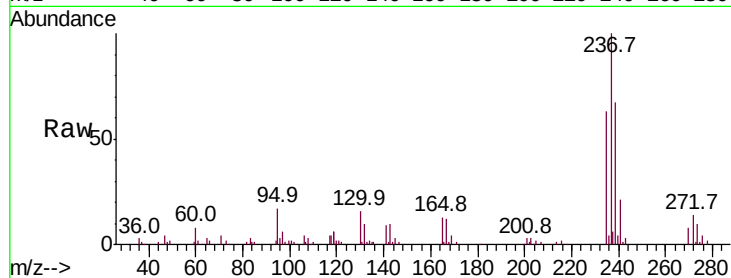
Tot Ion:237 Resp: 64757

Ion Ratio Lower Upper

237 100

235 63.2 41.7 81.7

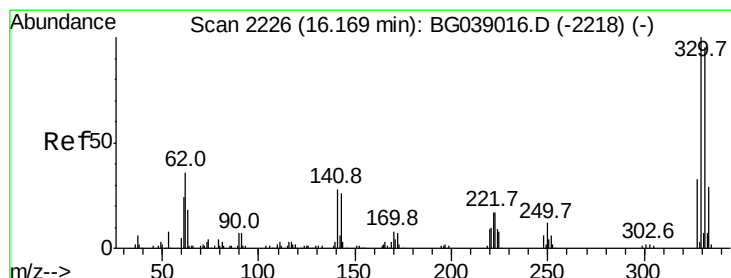
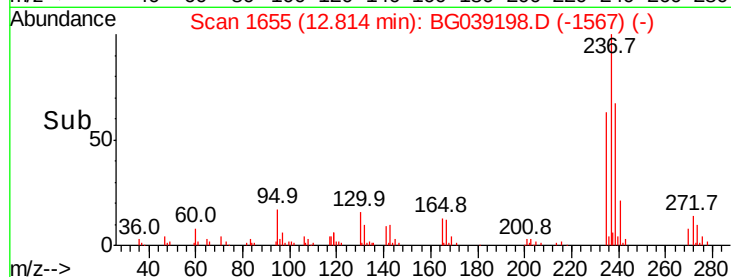
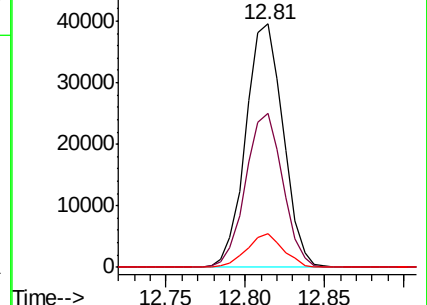
272 13.9 0.0 32.1



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: 74.938 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.02 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

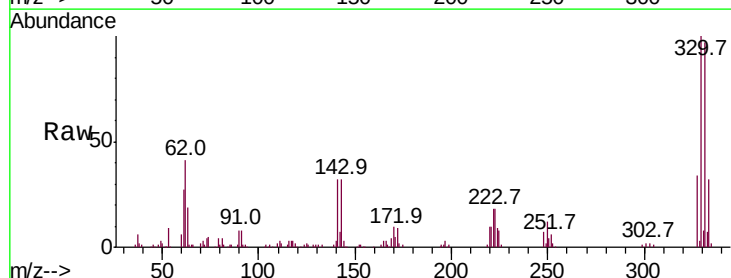
Tgt Ion:330 Resp: 100519

Ion Ratio Lower Upper

330 100

332 94.6 75.7 113.5

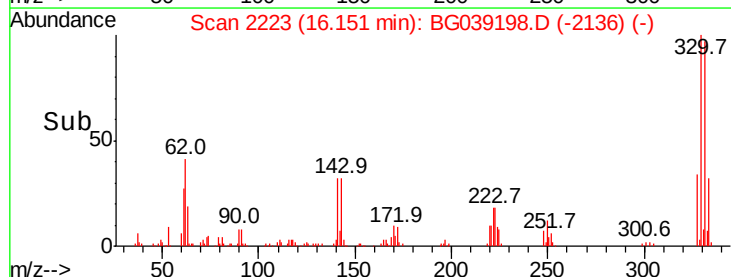
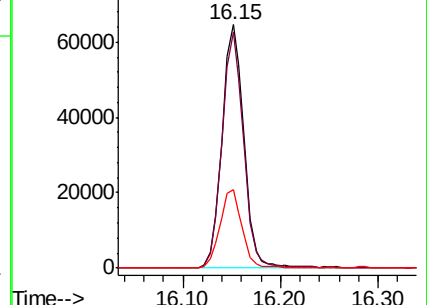
141 32.1 24.9 37.3

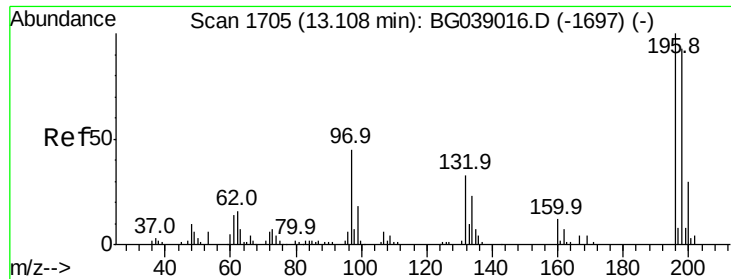


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

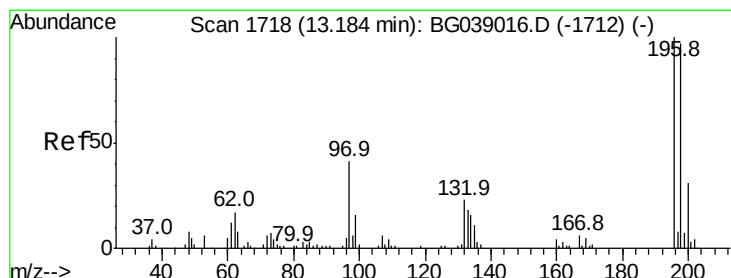
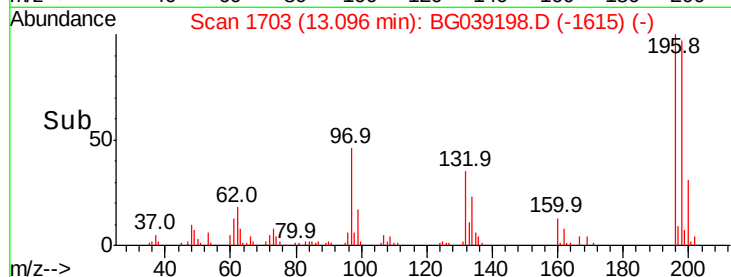
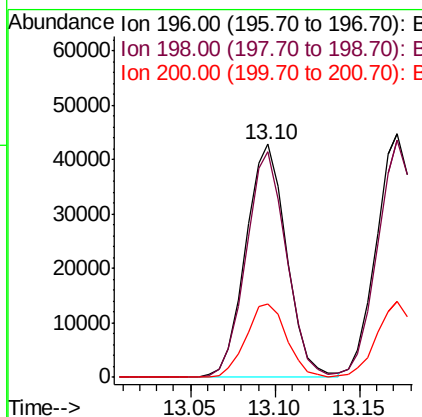
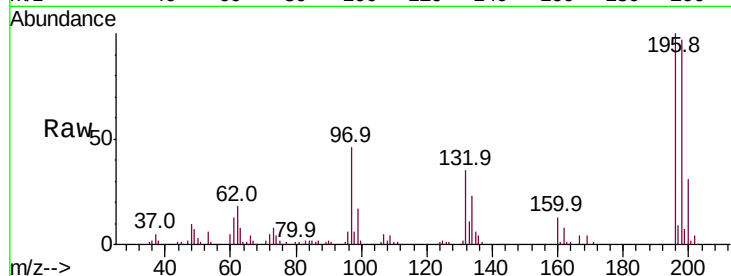




#43  
 2,4,6-Trichlorophenol  
 Concen: 38.040 ng  
 RT: 13.10 min Scan# 1703  
 Delta R.T. -0.01 min  
 Lab File: BG039198.D  
 Acq: 18 Jan 2019 00:31

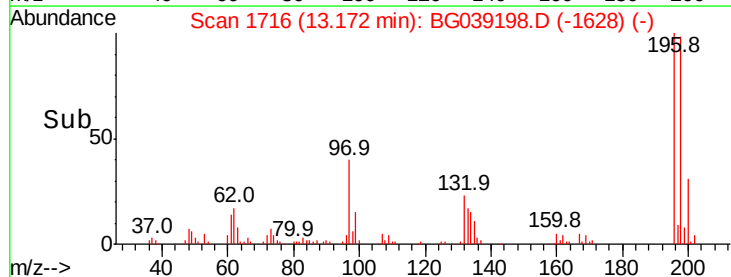
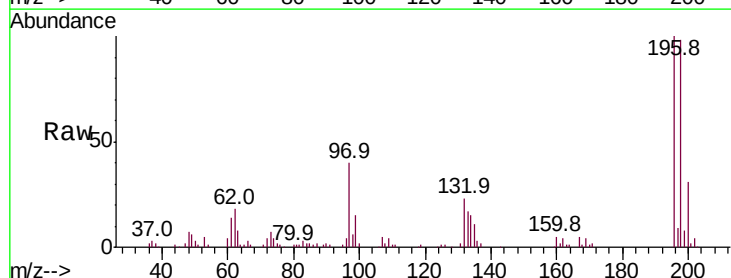
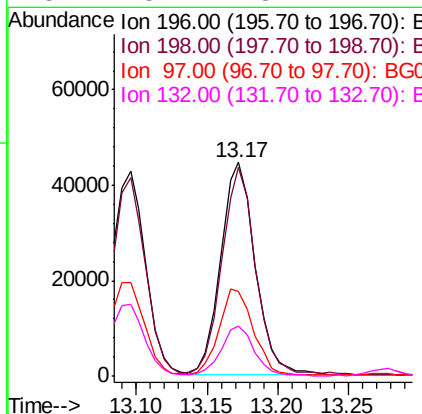
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

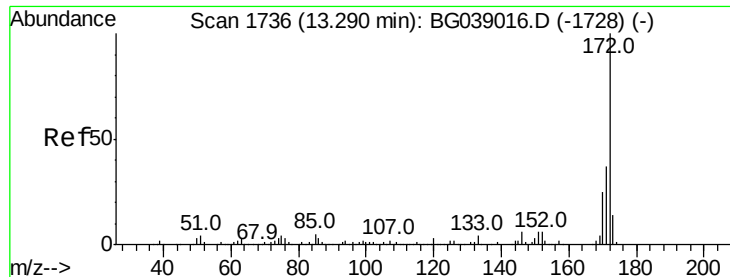
Tot Ion:196 Resp: 71950  
 Ion Ratio Lower Upper  
 196 100  
 198 97.0 74.5 111.7  
 200 31.4 23.8 35.6



#44  
 2,4,5-Trichlorophenol  
 Concen: 37.794 ng  
 RT: 13.17 min Scan# 1716  
 Delta R.T. -0.01 min  
 Lab File: BG039198.D  
 Acq: 18 Jan 2019 00:31

Tgt Ion:196 Resp: 75552  
 Ion Ratio Lower Upper  
 196 100  
 198 97.6 78.1 117.1  
 97 39.8 33.2 49.8  
 132 23.2 18.2 27.4

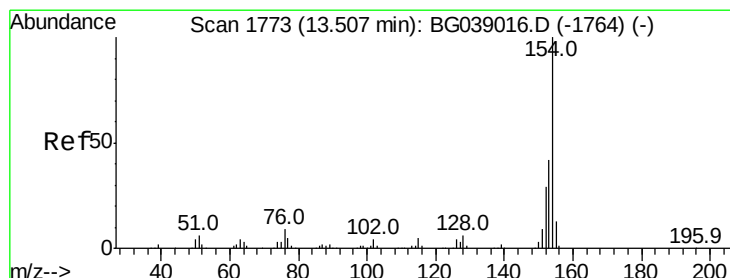
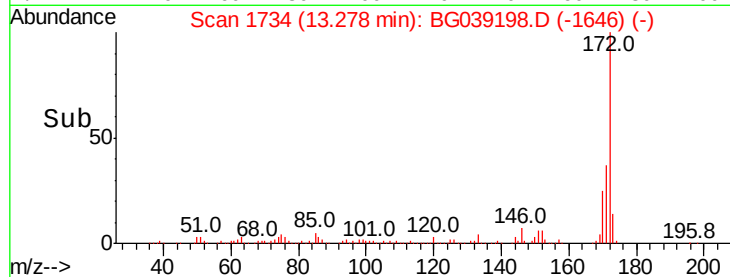
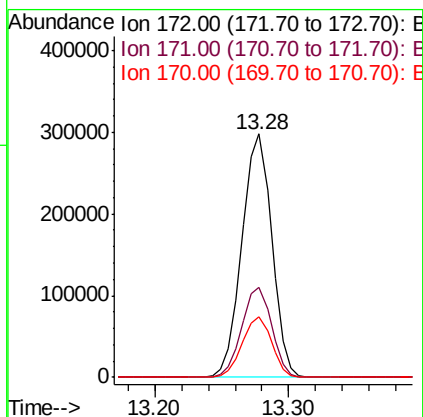
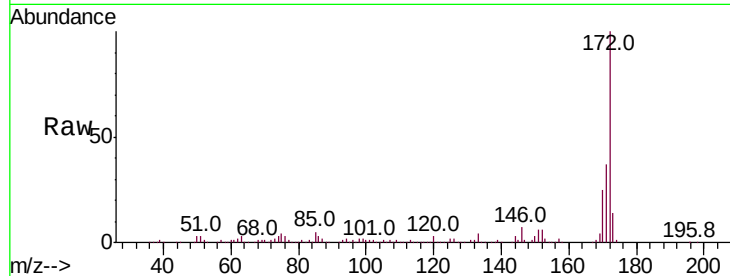




#45  
2-Fluorobiphenyl  
Concen: 78.793 ng  
RT: 13.28 min Scan# 1734  
Delta R.T. -0.01 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

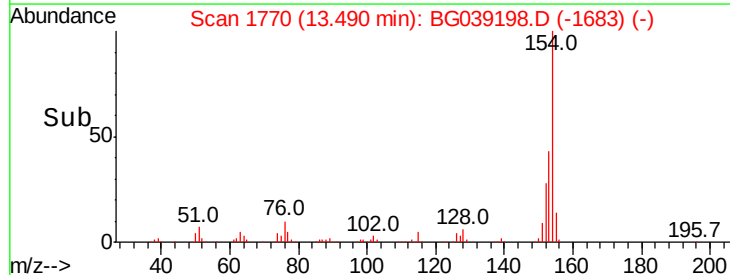
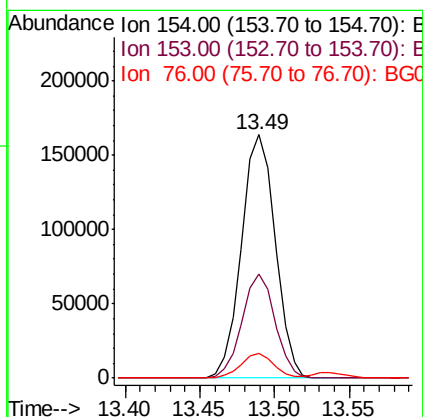
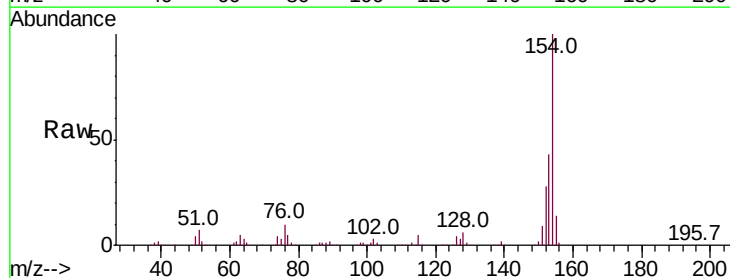
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

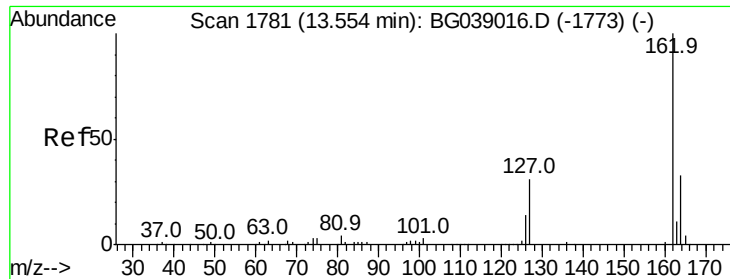
Tot Ion:172 Resp: 460701  
Ion Ratio Lower Upper  
172 100  
171 37.2 29.4 44.0  
170 24.6 20.1 30.1



#46  
1,1'-Biphenyl  
Concen: 40.550 ng  
RT: 13.49 min Scan# 1770  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Tgt Ion:154 Resp: 257109  
Ion Ratio Lower Upper  
154 100  
153 42.9 22.4 62.4  
76 10.1 0.0 29.4

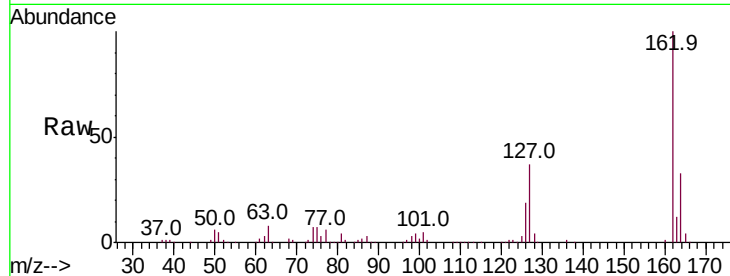




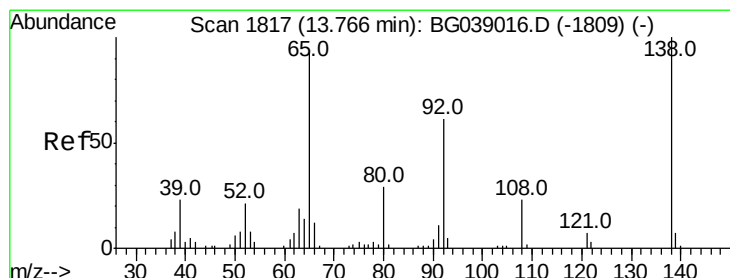
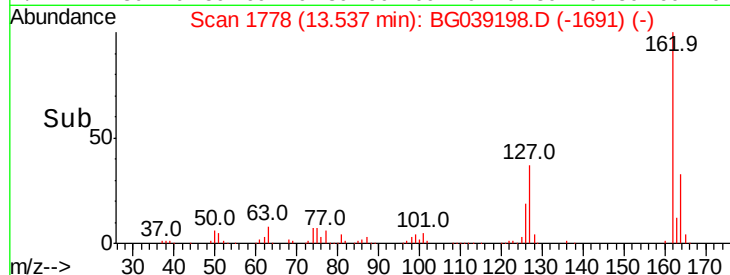
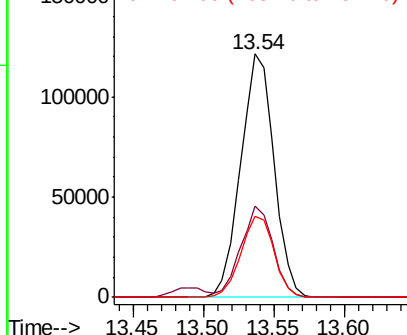
#47  
2-Chloronaphthalene  
Concen: 39.059 ng  
RT: 13.54 min Scan# 1778  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:162 Resp: 200414  
Ion Ratio Lower Upper  
162 100  
127 37.3 28.4 42.6  
164 33.2 26.3 39.5

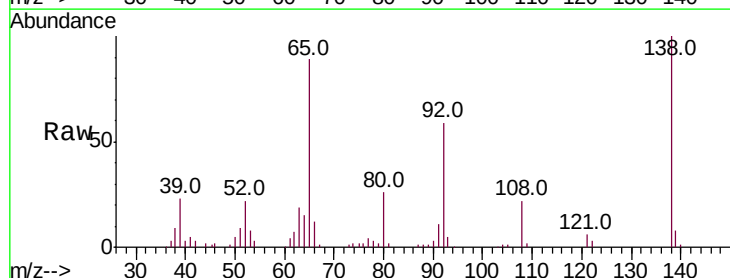


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E

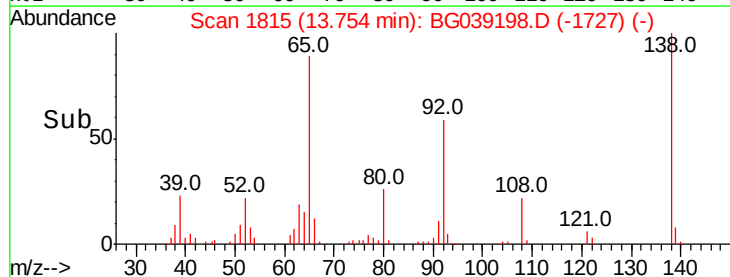
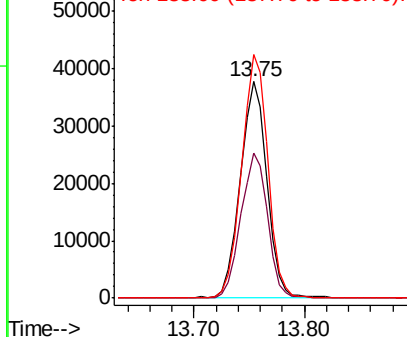


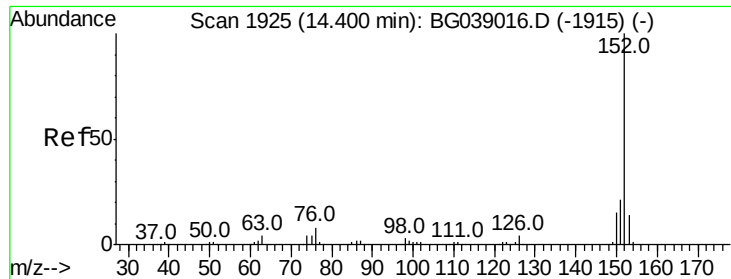
#48  
2-Nitroaniline  
Concen: 44.418 ng  
RT: 13.75 min Scan# 1815  
Delta R.T. -0.01 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Tgt Ion: 65 Resp: 63849  
Ion Ratio Lower Upper  
65 100  
92 66.9 52.2 78.4  
138 112.5 86.0 129.0



Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.204 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.02 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

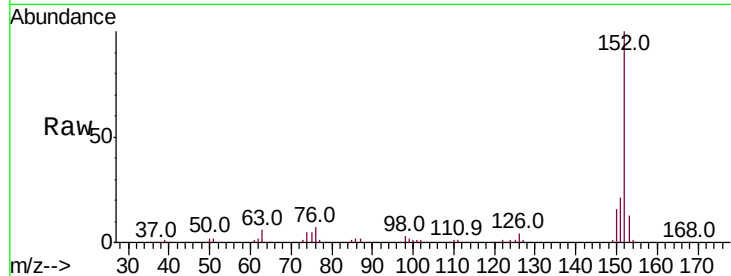
Tot Ion:152 Resp: 294634

Ion Ratio Lower Upper

152 100

151 20.7 17.0 25.4

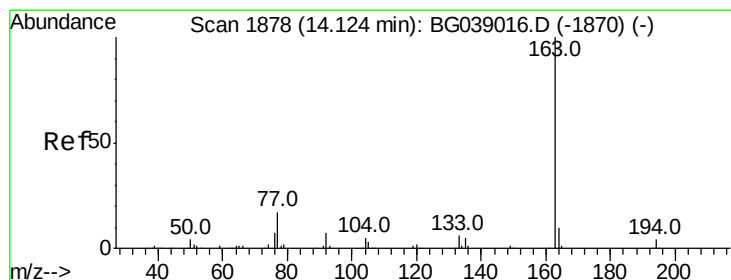
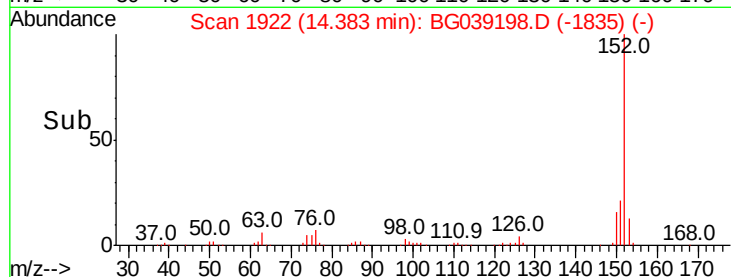
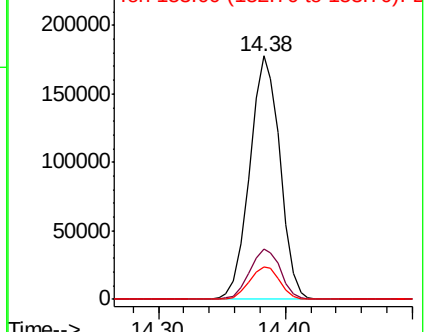
153 13.4 11.2 16.8



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: 38.125 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

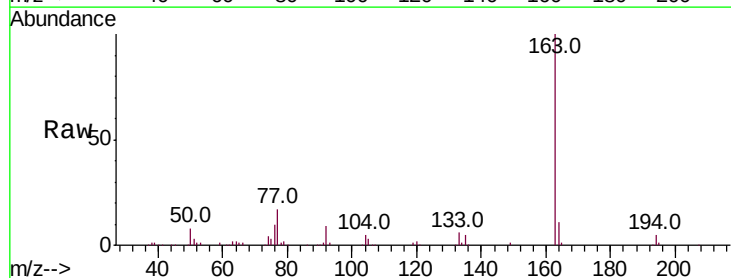
Tgt Ion:163 Resp: 257805

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

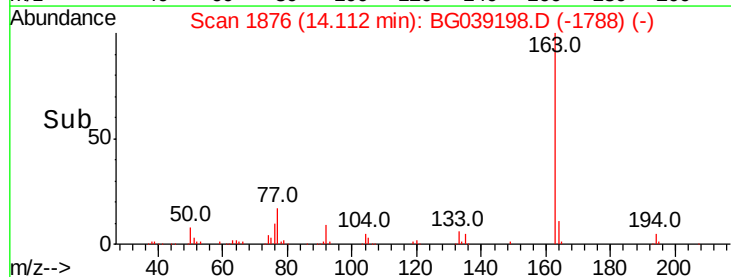
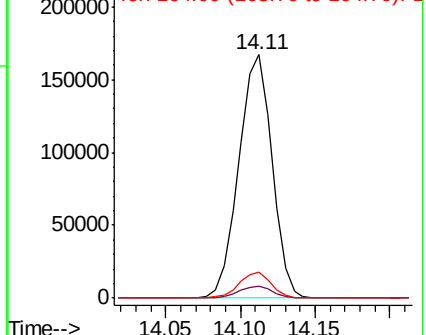
164 10.8 8.2 12.2

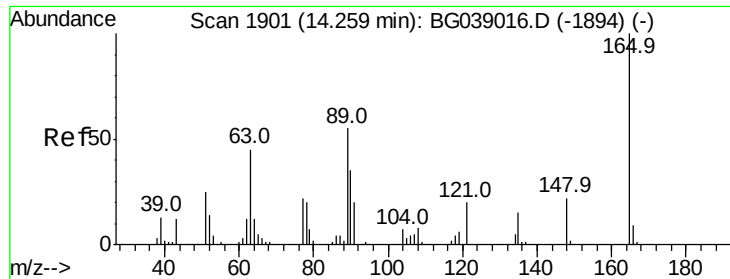


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 38.605 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampled :

SSTDCCC040

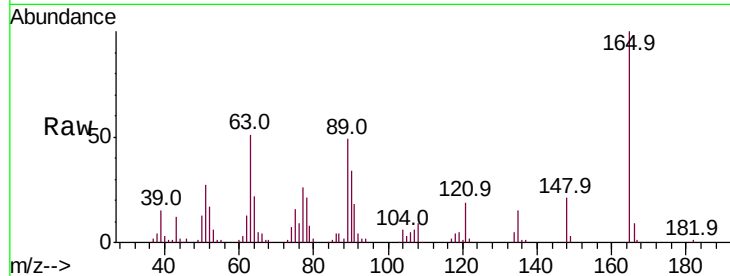
Tot Ion:165 Resp: 58364

Ion Ratio Lower Upper

165 100

63 50.6 43.6 65.4

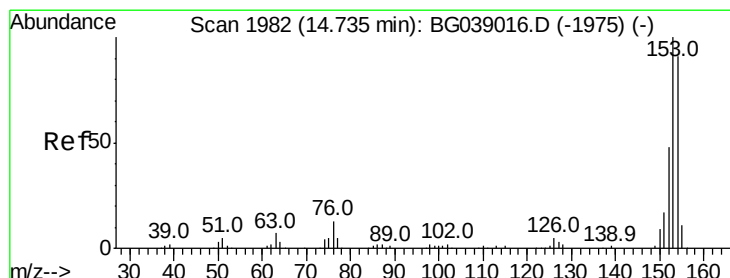
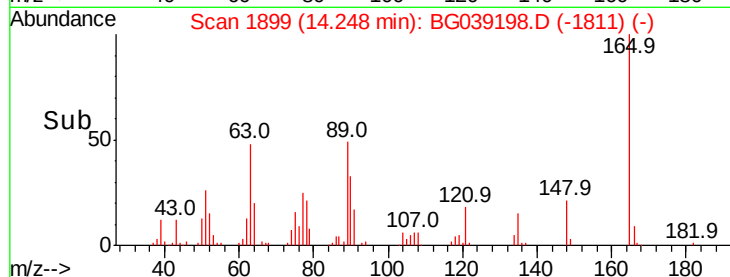
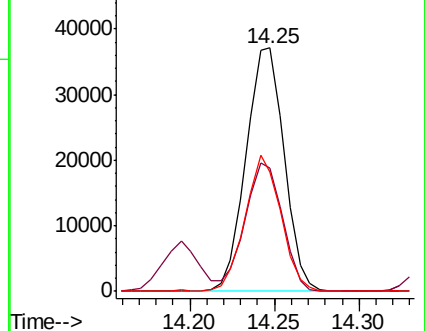
89 49.0 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 40.314 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

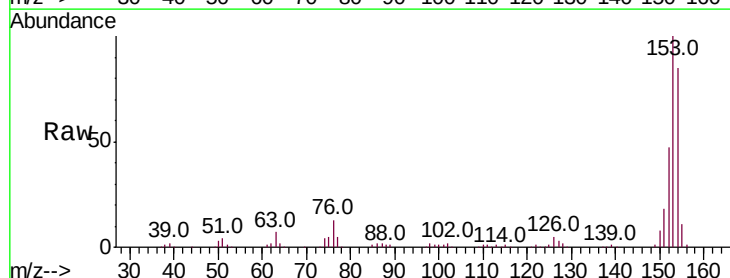
Tgt Ion:154 Resp: 186799

Ion Ratio Lower Upper

154 100

153 117.7 87.9 131.9

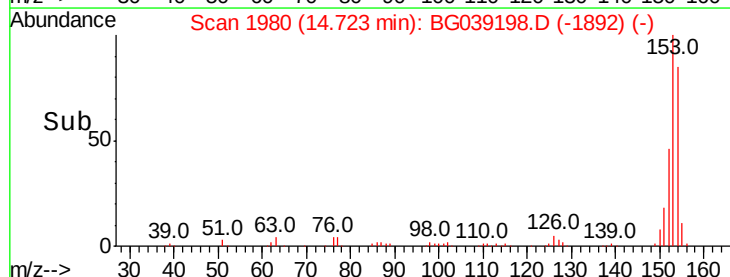
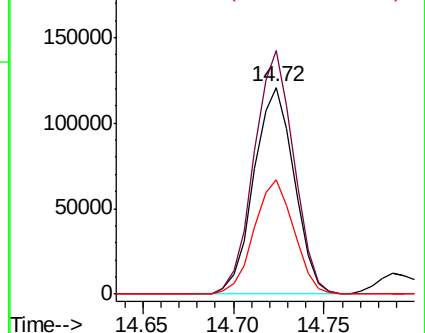
152 55.1 42.2 63.2

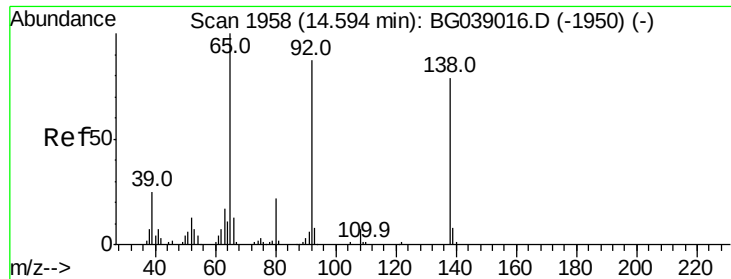


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 43.550 ng

RT: 14.58 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

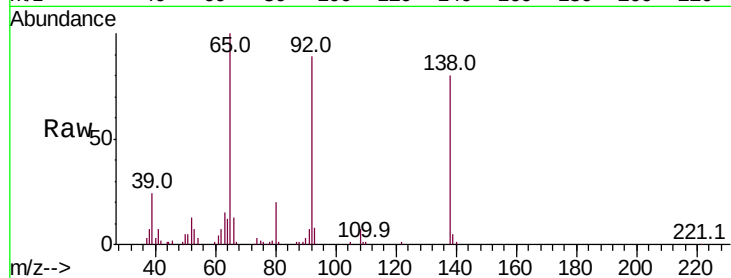
Tot Ion:138 Resp: 66790

Ion Ratio Lower Upper

138 100

108 8.3 7.4 11.0

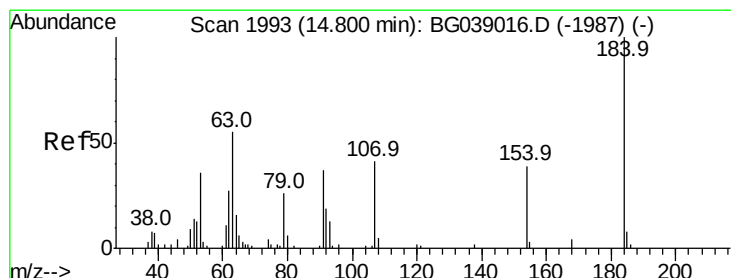
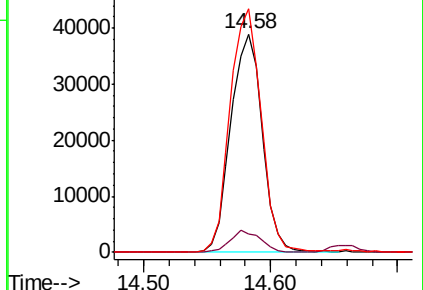
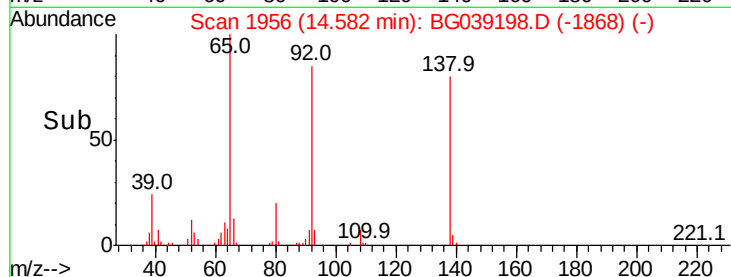
92 111.5 88.2 132.4



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: 41.482 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

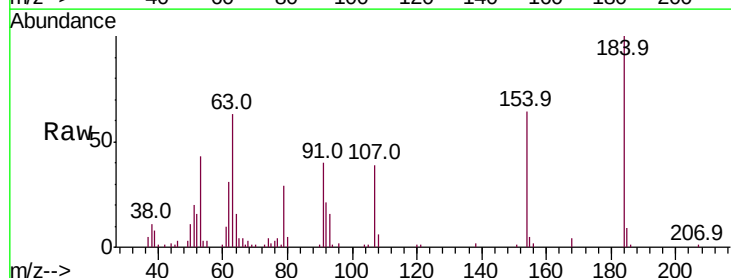
Tgt Ion:184 Resp: 34981

Ion Ratio Lower Upper

184 100

63 62.6 44.0 66.0

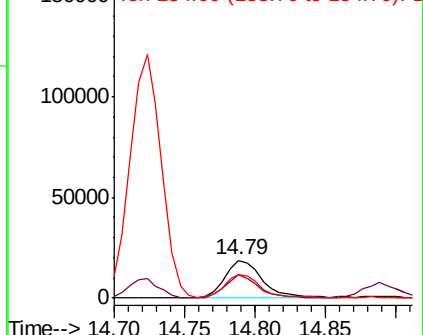
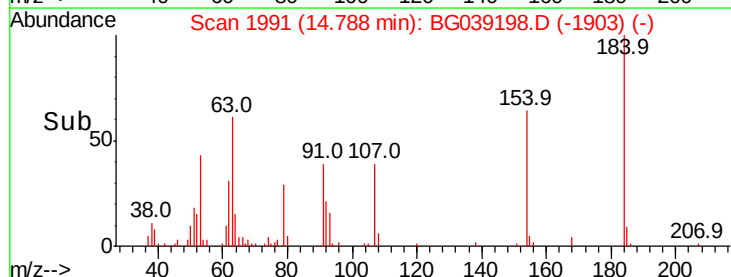
154 64.0 46.1 69.1

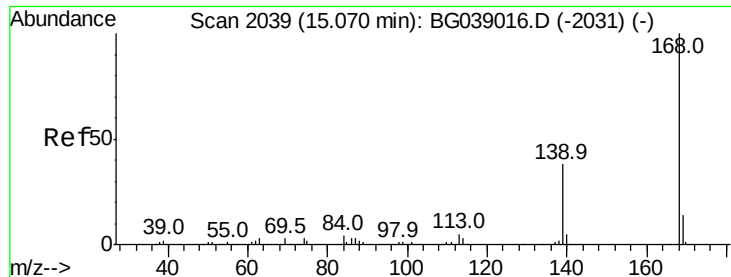


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 40.535 ng

RT: 15.06 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

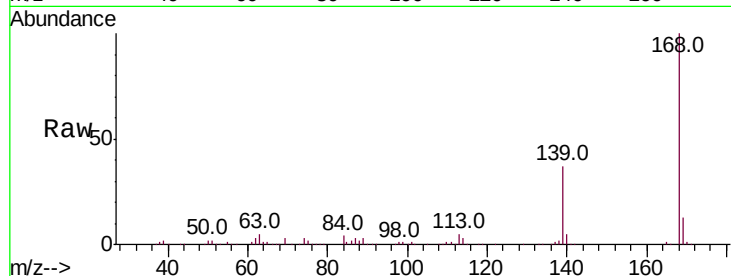
Tot Ion:168 Resp: 331723

Ion Ratio Lower Upper

168 100

139 36.6 30.1 45.1

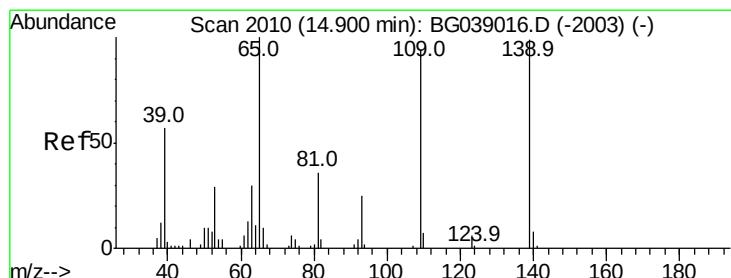
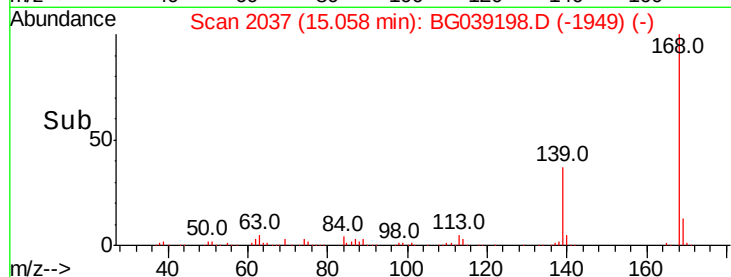
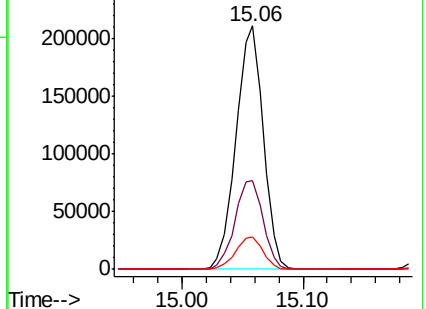
169 13.3 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 37.955 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

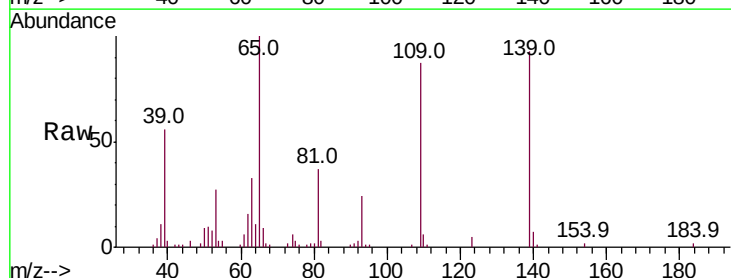
Tgt Ion:139 Resp: 41883

Ion Ratio Lower Upper

139 100

109 93.4 75.6 115.6

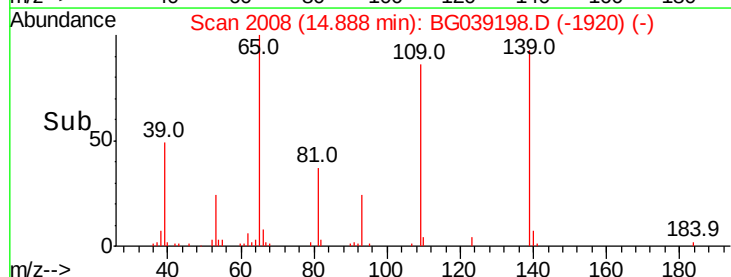
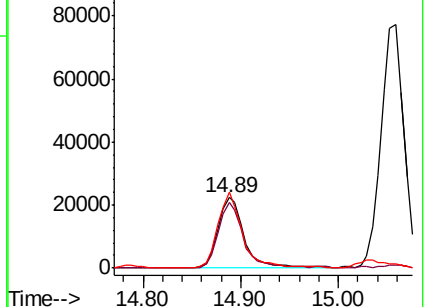
65 107.3 81.2 121.2



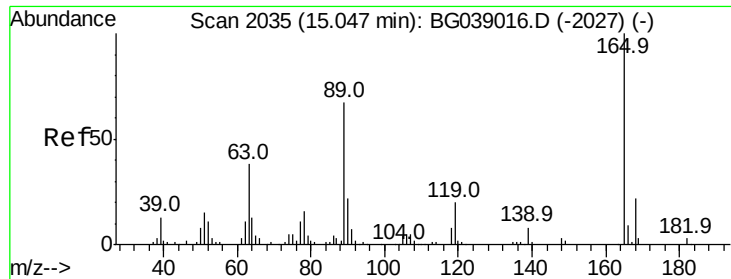
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG



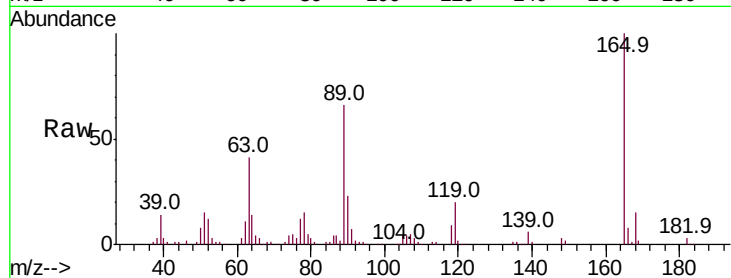




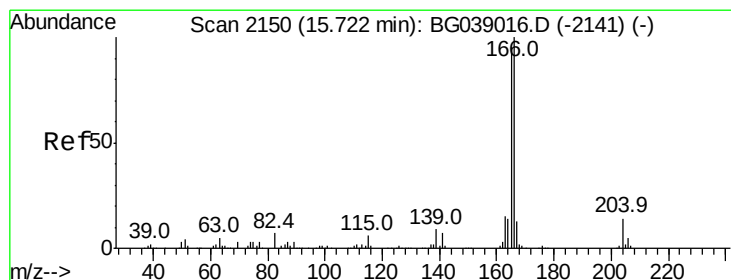
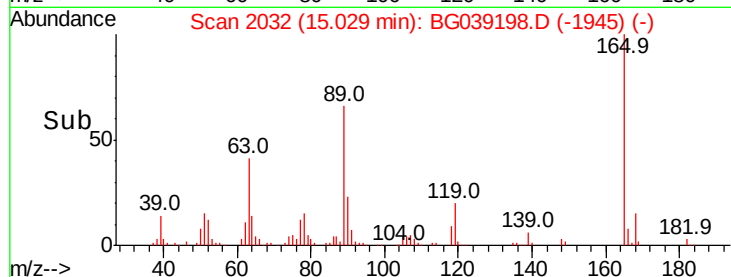
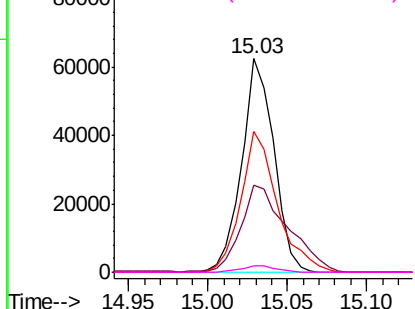
#57  
2,4-Dinitrotoluene  
Concen: 40.640 ng  
RT: 15.03 min Scan# 2032  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:165 Resp: 88148  
Ion Ratio Lower Upper  
165 100  
63 41.0 30.2 45.4  
89 65.8 53.2 79.8  
182 3.2 2.7 4.1

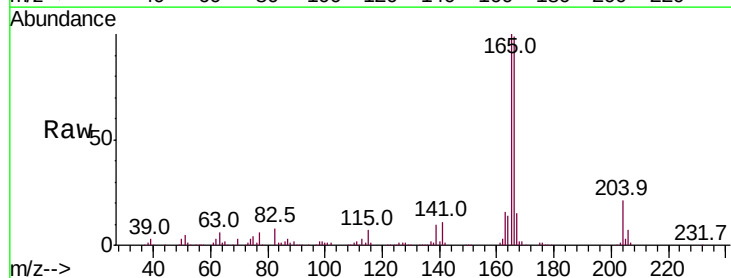


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

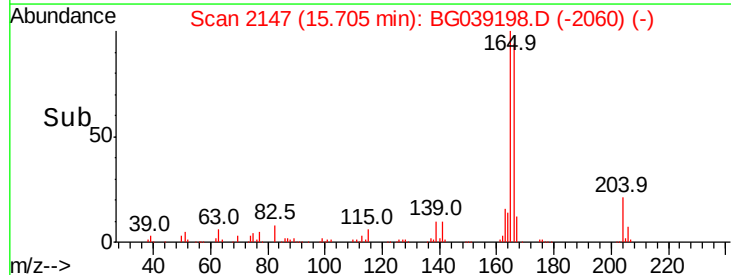
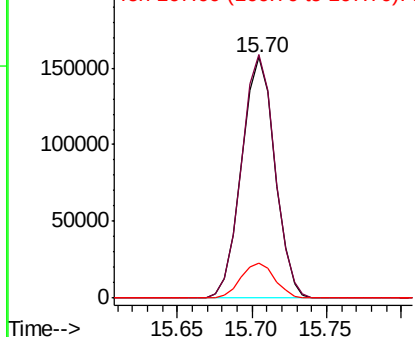


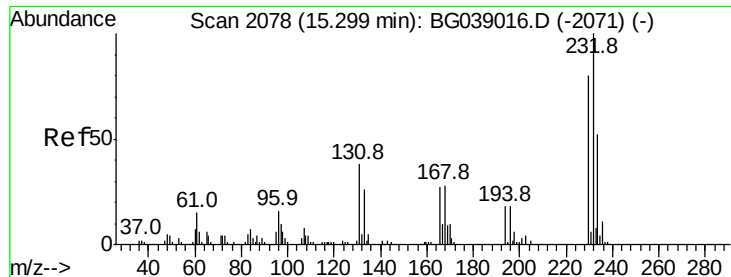
#58  
Fluorene  
Concen: 39.363 ng  
RT: 15.70 min Scan# 2147  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Tgt Ion:166 Resp: 242477  
Ion Ratio Lower Upper  
166 100  
165 101.2 76.2 114.2  
167 14.7 10.6 16.0



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: 38.727 ng

RT: 15.28 min Scan# 2075

Delta R.T. -0.02 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 73079

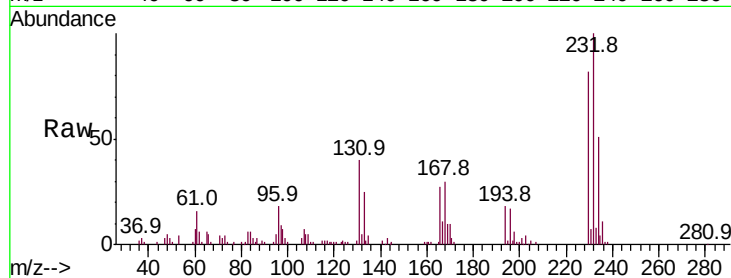
Ion Ratio Lower Upper

232 100

131 36.2 30.9 46.3

130 2.4 1.9 2.9

166 27.4 22.1 33.1

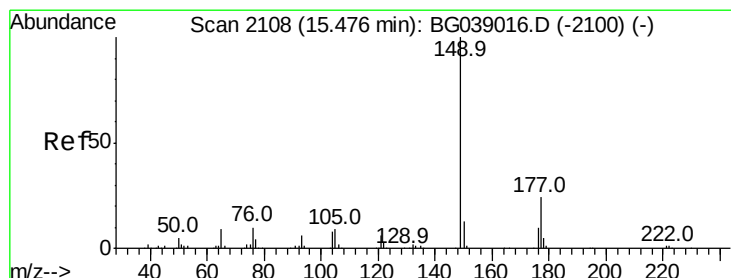
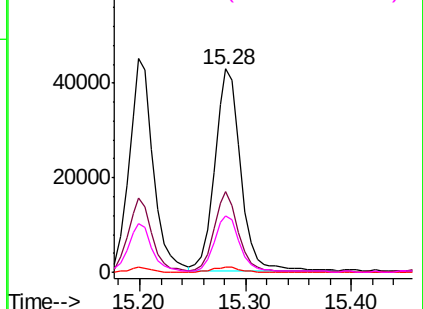
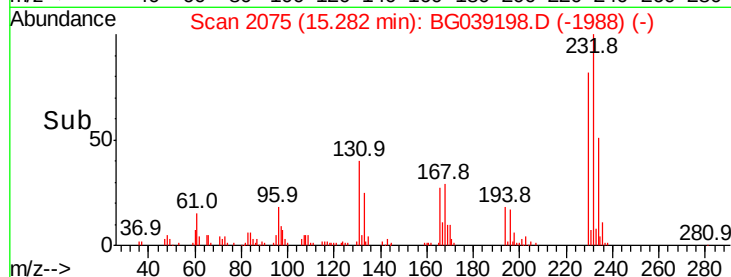


Abundance Ion 232.00 (231.70 to 232.70): E

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: 38.712 ng

RT: 15.46 min Scan# 2106

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

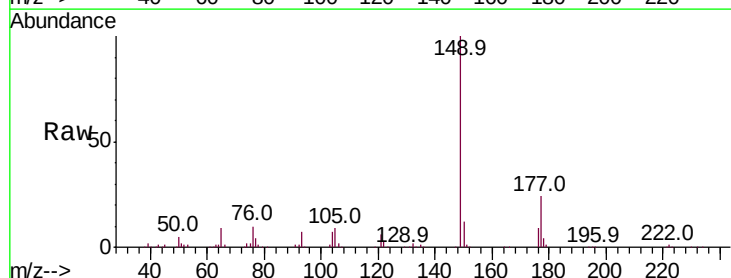
Tgt Ion:149 Resp: 269704

Ion Ratio Lower Upper

149 100

177 24.2 19.0 28.6

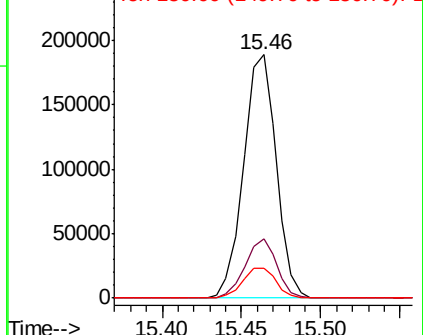
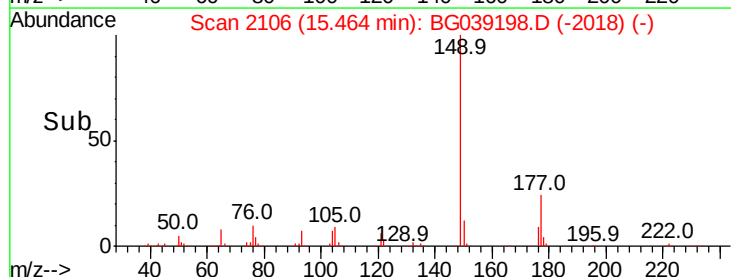
150 12.4 10.2 15.4

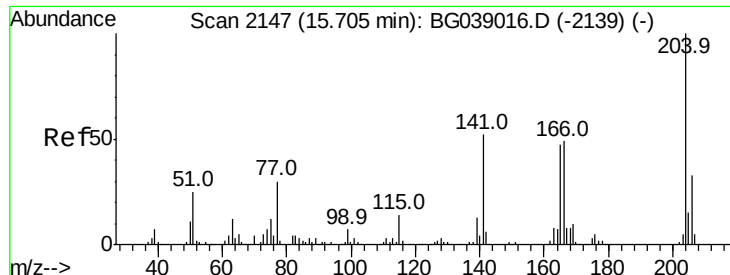


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

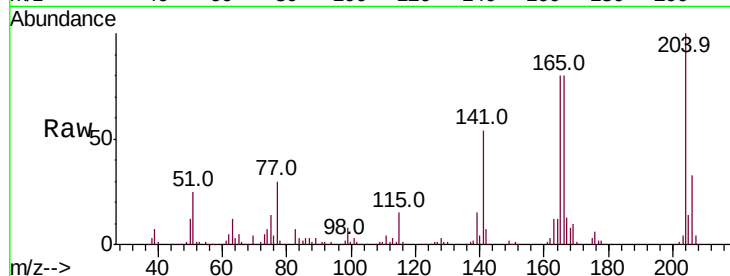




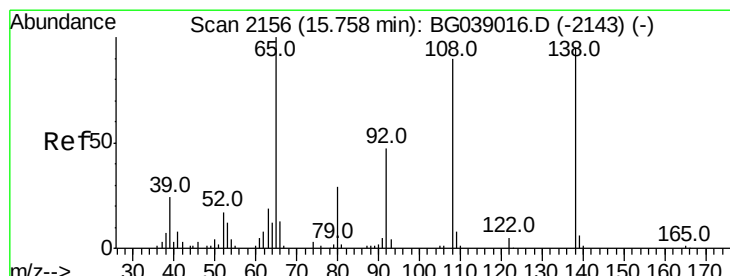
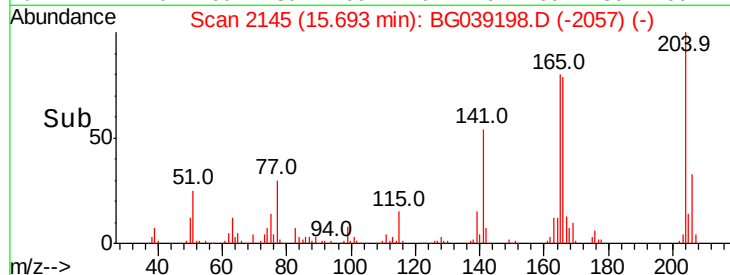
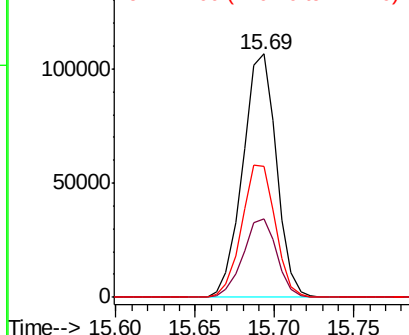
#61  
 4-Chlorophenyl-phenylether  
 Concen: 40.433 ng  
 RT: 15.69 min Scan# 2145  
 Delta R.T. -0.01 min  
 Lab File: BG039198.D  
 Acq: 18 Jan 2019 00:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTCCCC040

Tot Ion:204 Resp: 156915  
 Ion Ratio Lower Upper  
 204 100  
 206 32.5 26.6 39.8  
 141 53.6 41.4 62.0

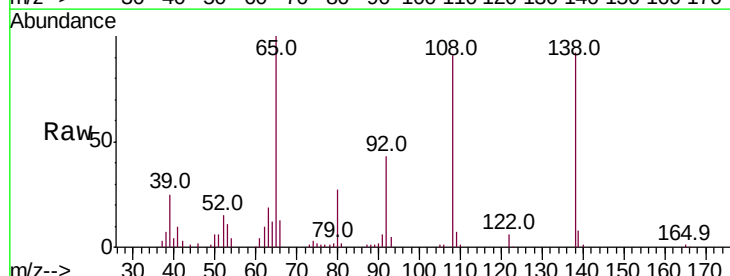


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

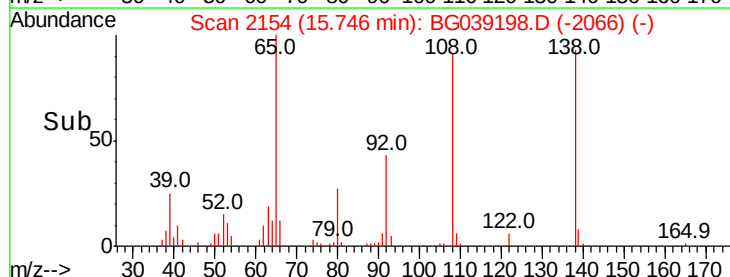
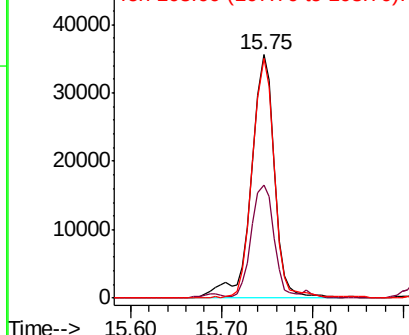


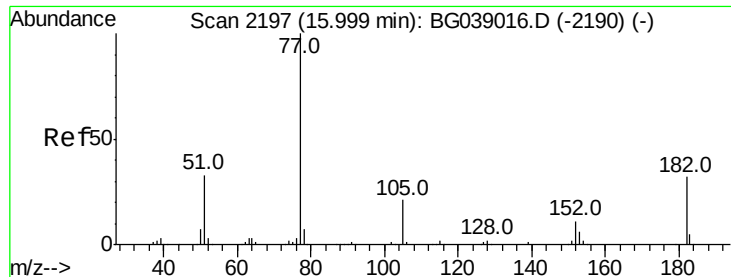
#62  
 4-Nitroaniline  
 Concen: 39.532 ng  
 RT: 15.75 min Scan# 2154  
 Delta R.T. -0.01 min  
 Lab File: BG039198.D  
 Acq: 18 Jan 2019 00:31

Tgt Ion:138 Resp: 63159  
 Ion Ratio Lower Upper  
 138 100  
 92 46.6 29.7 69.7  
 108 98.3 75.7 115.7



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: 40.027 ng

RT: 15.98 min Scan# 2194

Delta R.T. -0.02 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 218079

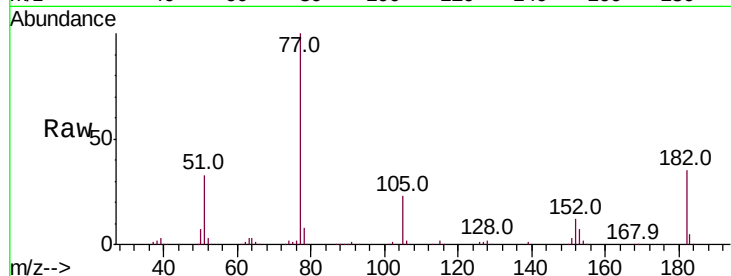
Ion Ratio Lower Upper

77 100

182 35.3 12.2 52.2

105 22.6 1.2 41.2

51 33.4 13.4 53.4

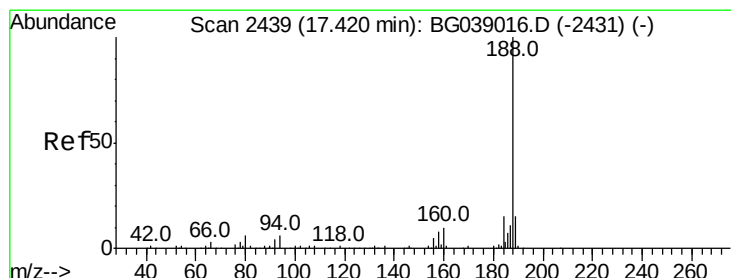
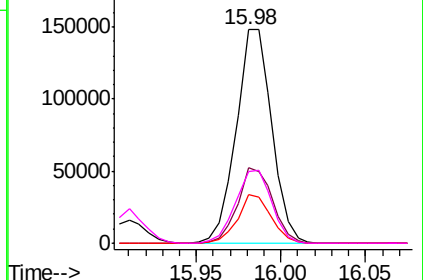
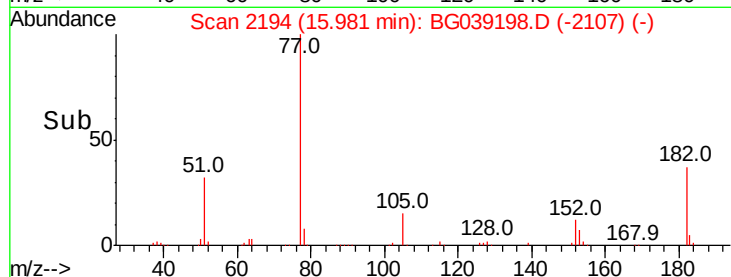


Abundance Ion 77.00 (76.70 to 77.70): BG0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BG0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

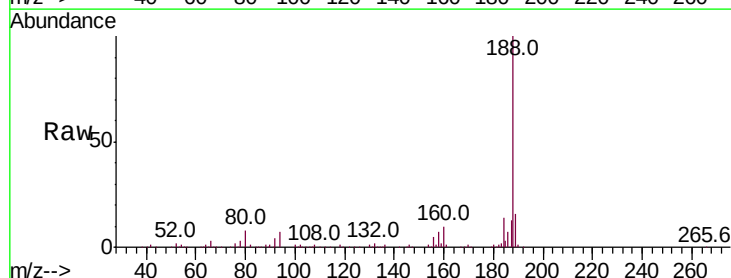
Tgt Ion: 188 Resp: 231517

Ion Ratio Lower Upper

188 100

94 7.0 5.0 7.4

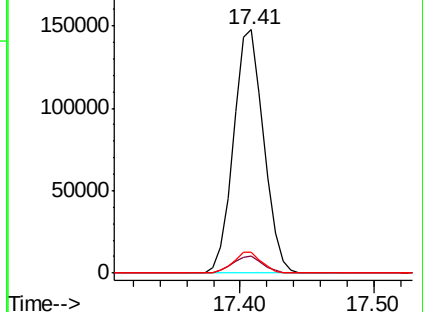
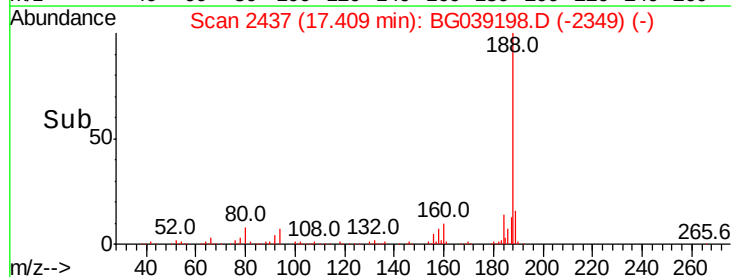
80 8.4 4.7 7.1#

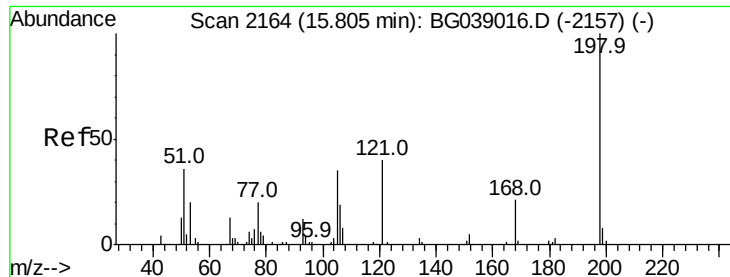


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

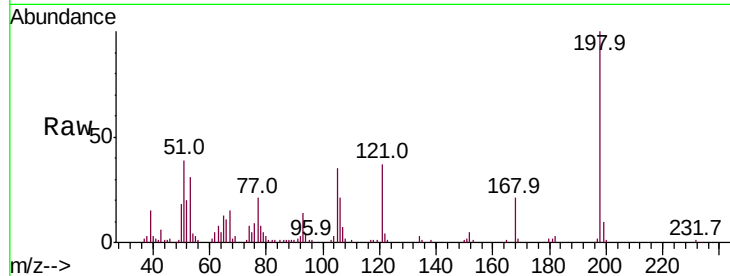




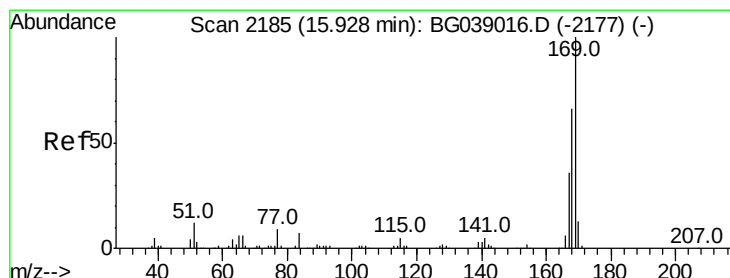
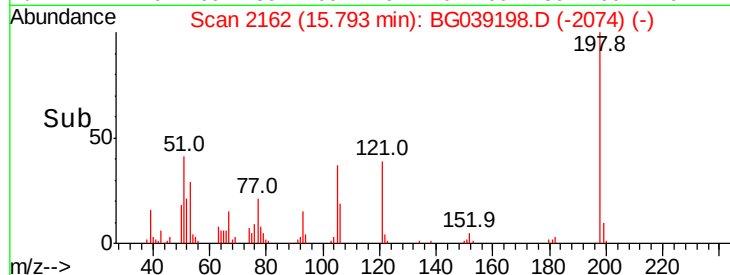
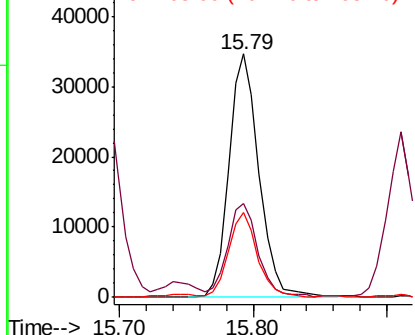
#65  
4,6-Dinitro-2-methylphenol  
Concen: 31.747 ng  
RT: 15.79 min Scan# 2162  
Delta R.T. -0.01 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:198 Resp: 54453  
Ion Ratio Lower Upper  
198 100  
51 38.6 20.8 60.8  
105 35.1 16.1 56.1

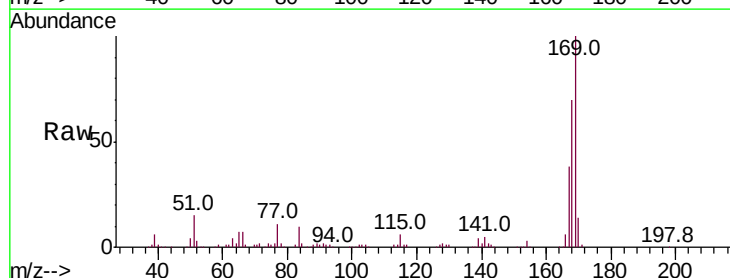


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 51.00 (50.70 to 51.70): BG  
Ion 105.00 (104.70 to 105.70): E

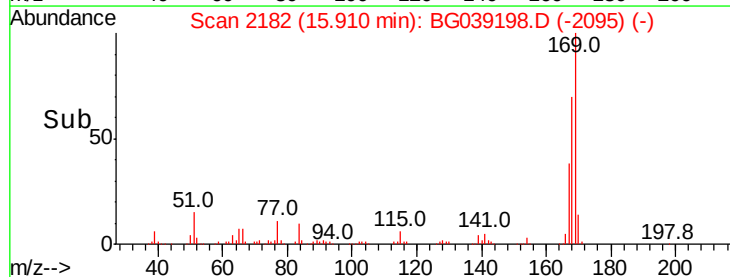
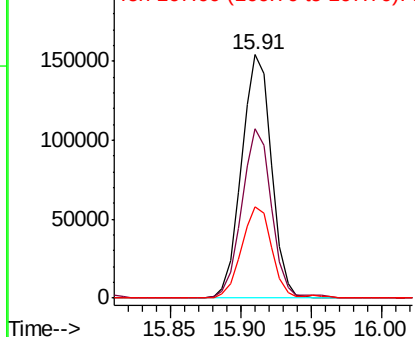


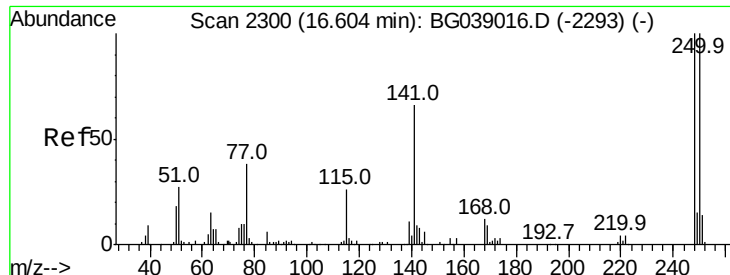
#66  
n-Nitrosodiphenylamine  
Concen: 33.198 ng  
RT: 15.91 min Scan# 2182  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Tgt Ion:169 Resp: 227849  
Ion Ratio Lower Upper  
169 100  
168 69.7 53.2 79.8  
167 37.7 29.1 43.7



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

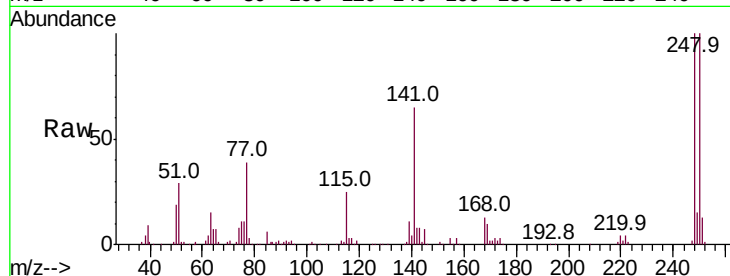




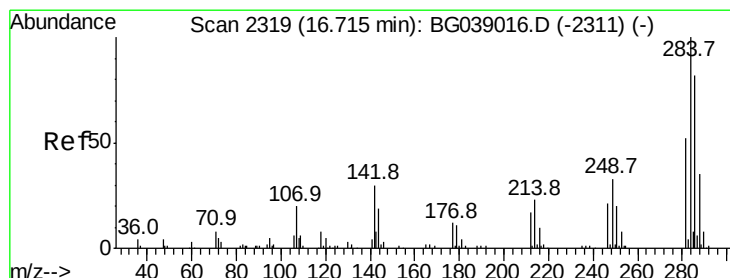
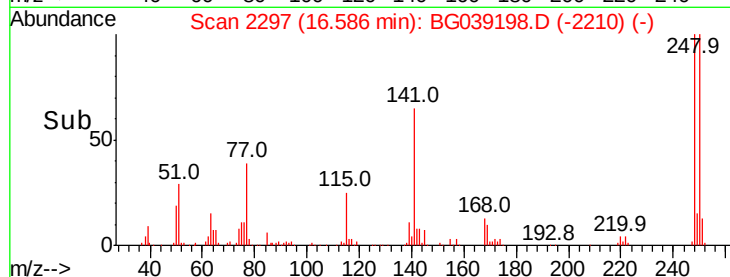
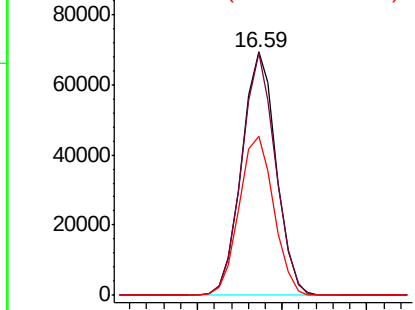
#67  
 4-Bromophenyl-phenylether  
 Concen: 33.092 ng  
 RT: 16.59 min Scan# 2297  
 Delta R.T. -0.02 min  
 Lab File: BG039198.D  
 Acq: 18 Jan 2019 00:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:248 Resp: 98484  
 Ion Ratio Lower Upper  
 248 100  
 250 99.8 79.9 119.9  
 141 65.4 52.7 79.1

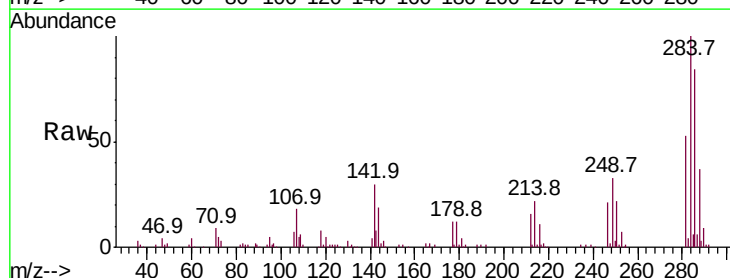


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

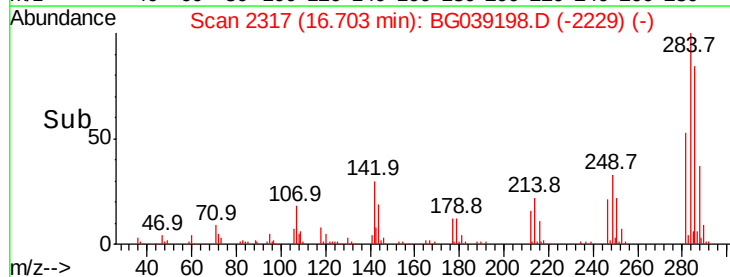
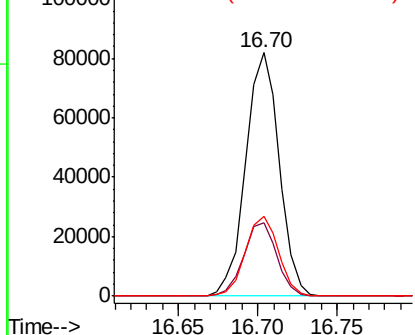


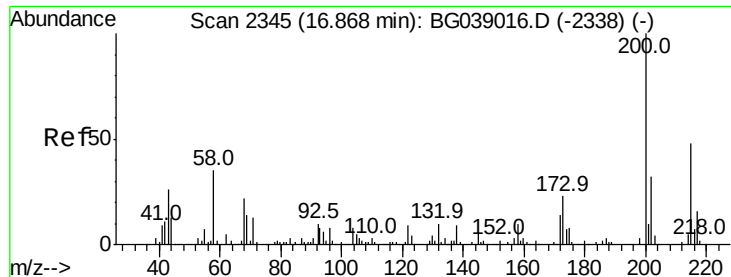
#68  
 Hexachlorobenzene  
 Concen: 36.900 ng  
 RT: 16.70 min Scan# 2317  
 Delta R.T. -0.01 min  
 Lab File: BG039198.D  
 Acq: 18 Jan 2019 00:31

Tgt Ion:284 Resp: 119831  
 Ion Ratio Lower Upper  
 284 100  
 142 29.9 24.3 36.5  
 249 35.8 27.8 41.8



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: 36.943 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.02 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

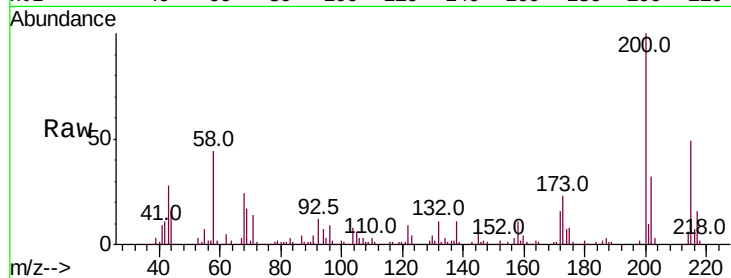
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:200 Resp: 107714

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 200 | 100   |       |       |
| 173 | 23.4  | 2.6   | 42.6  |
| 215 | 48.9  | 28.0  | 68.0  |

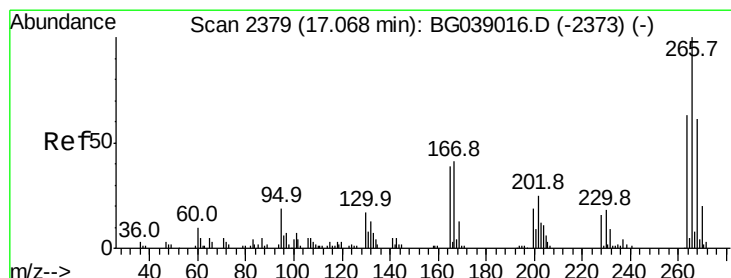
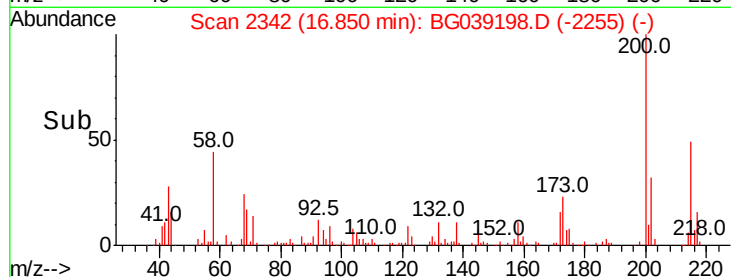
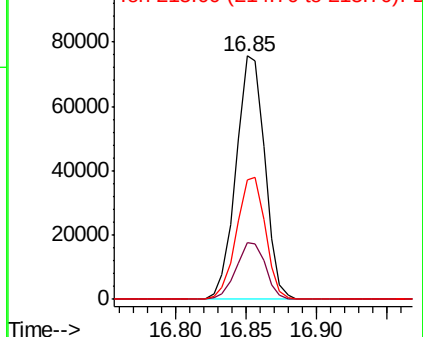


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.672 ng

RT: 17.06 min Scan# 2377

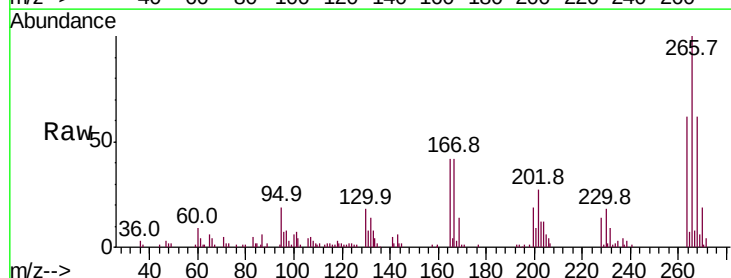
Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Tgt Ion:266 Resp: 73274

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 266 | 100   |       |       |
| 268 | 68.0  | 52.0  | 78.0  |
| 264 | 69.1  | 54.6  | 81.8  |

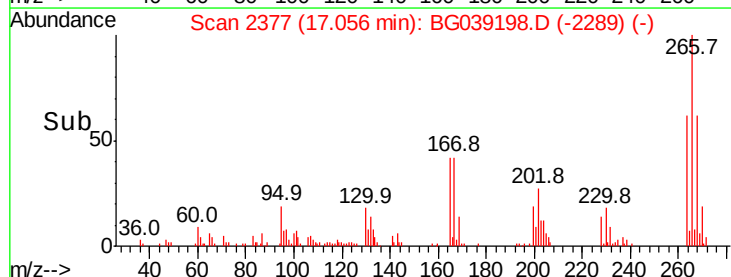
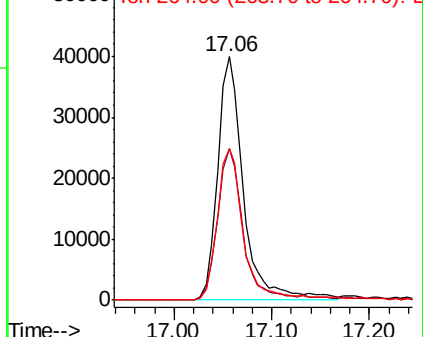


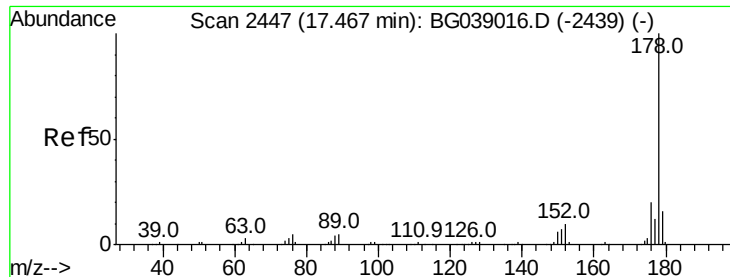
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

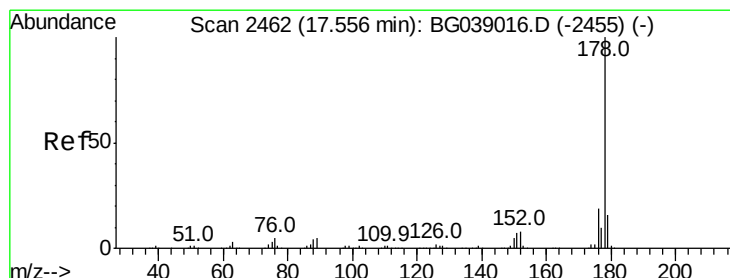
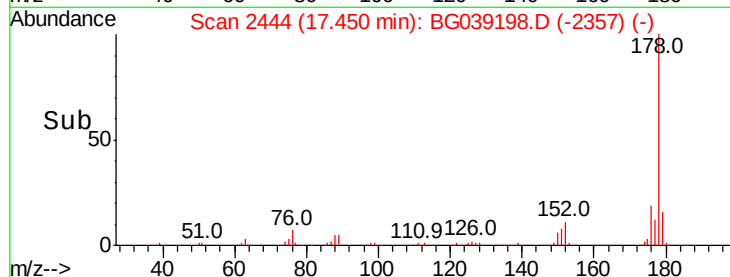
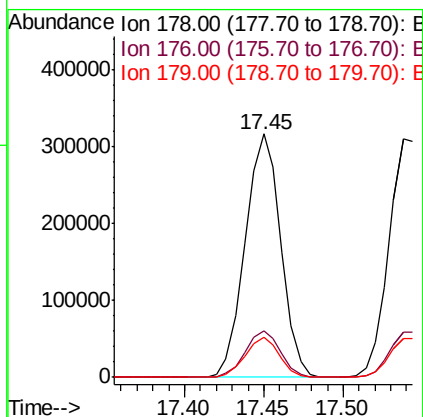
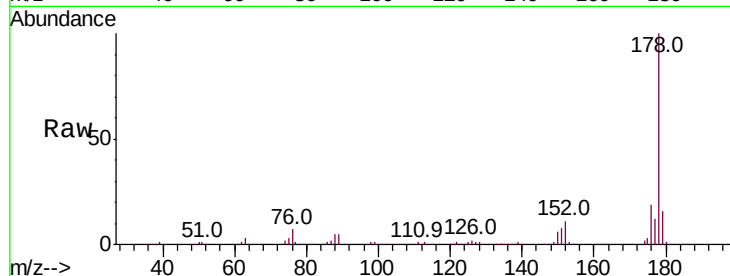




#71  
Phenanthrene  
Concen: 40.279 ng  
RT: 17.45 min Scan# 2444  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

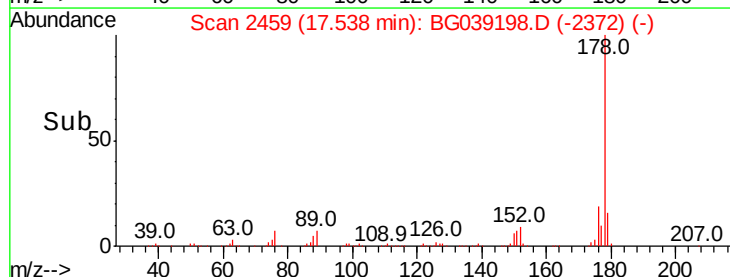
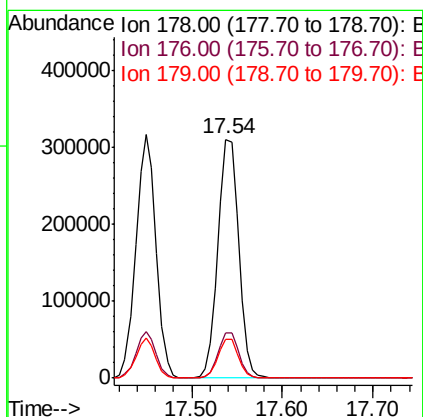
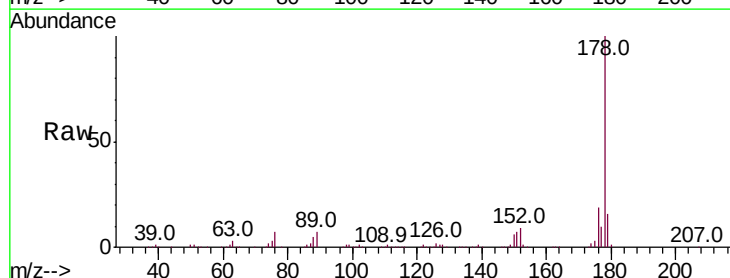
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

Tot Ion:178 Resp: 492901  
Ion Ratio Lower Upper  
178 100  
176 19.1 15.7 23.5  
179 16.3 12.9 19.3

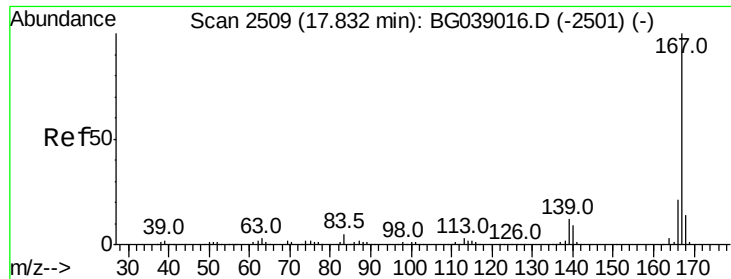


#72  
Anthracene  
Concen: 40.537 ng  
RT: 17.54 min Scan# 2459  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Tgt Ion:178 Resp: 490472  
Ion Ratio Lower Upper  
178 100  
176 18.9 14.9 22.3  
179 16.4 13.0 19.4



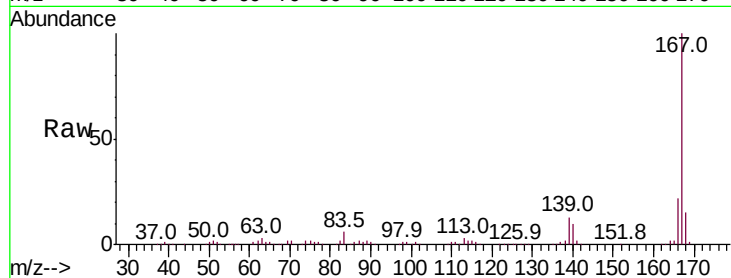




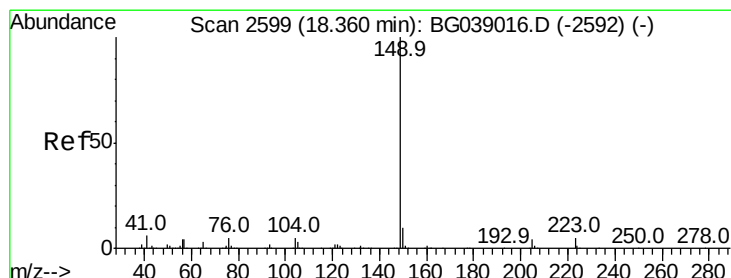
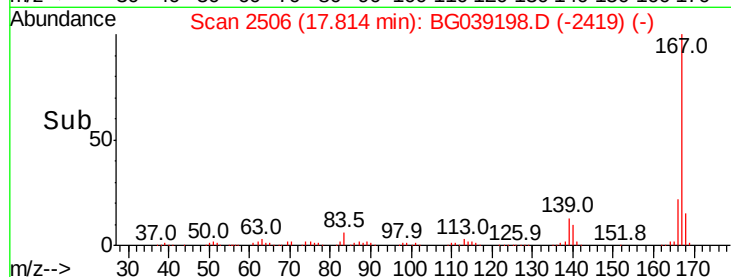
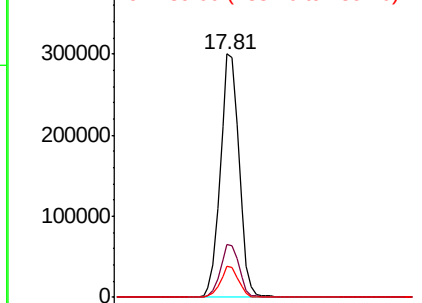
#73  
 Carbazole  
 Concen: 40.198 ng  
 RT: 17.81 min Scan# 2506  
 Delta R.T. -0.02 min  
 Lab File: BG039198.D  
 Acq: 18 Jan 2019 00:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:167 Resp: 480132  
 Ion Ratio Lower Upper  
 167 100  
 166 21.8 16.9 25.3  
 139 12.8 10.0 15.0

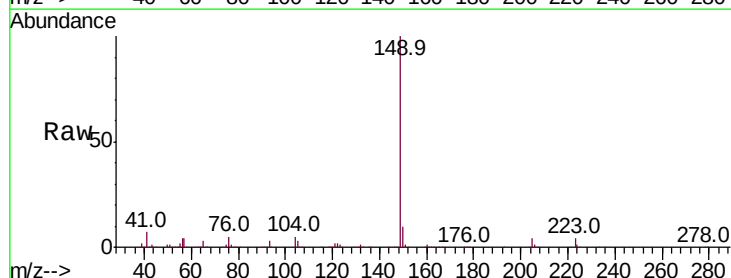


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

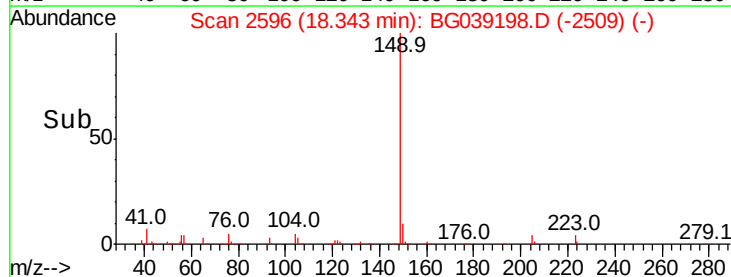
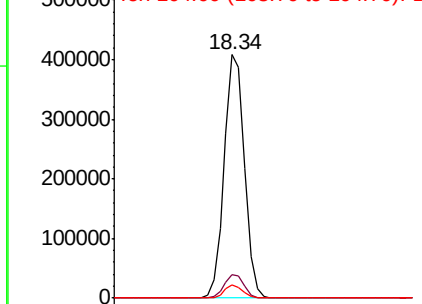


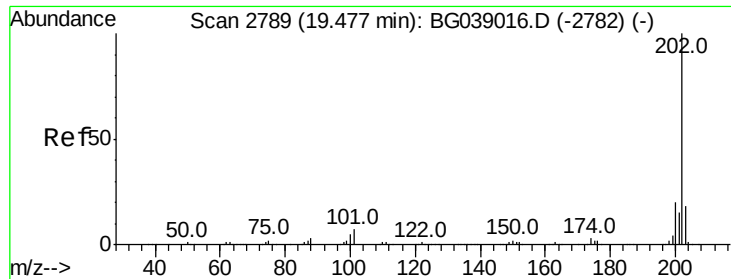
#74  
 Di-n-butylphthalate  
 Concen: 40.633 ng  
 RT: 18.34 min Scan# 2596  
 Delta R.T. -0.02 min  
 Lab File: BG039198.D  
 Acq: 18 Jan 2019 00:31

Tgt Ion:149 Resp: 539916  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.9 11.9  
 104 5.3 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 104.00 (103.70 to 104.70): E

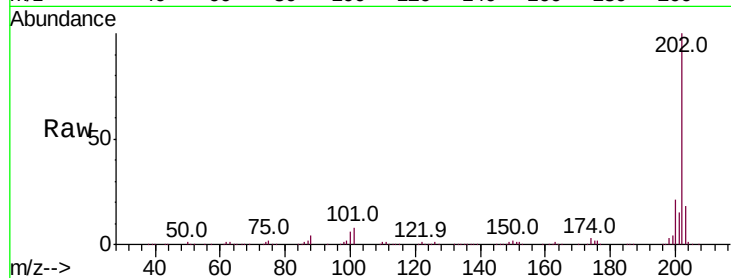




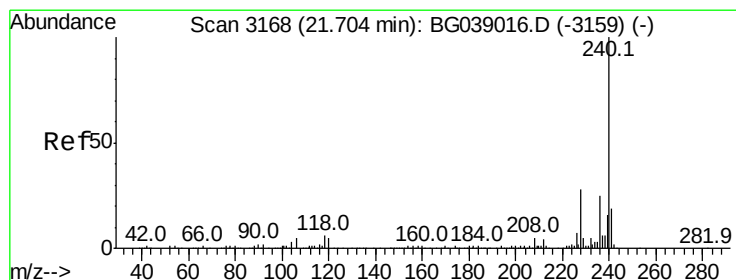
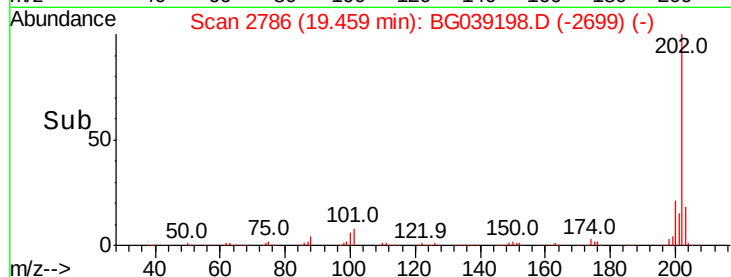
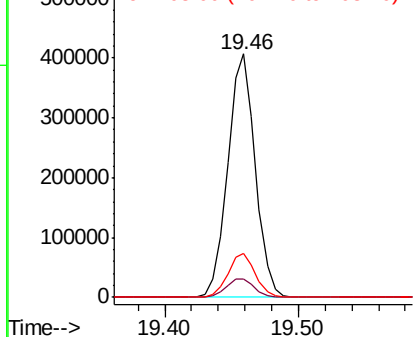
#75  
 Fluoranthene  
 Concen: 38.519 ng  
 RT: 19.46 min Scan# 2786  
 Delta R.T. -0.02 min  
 Lab File: BG039198.D  
 Acq: 18 Jan 2019 00:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 7.6   | 0.0   | 26.9  |
| 203     | 18.2  | 0.0   | 38.1  |

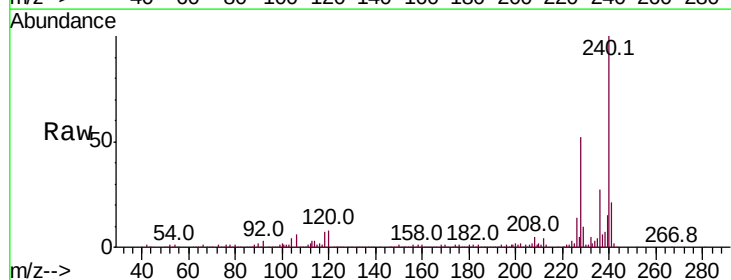


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 203.00 (202.70 to 203.70): E

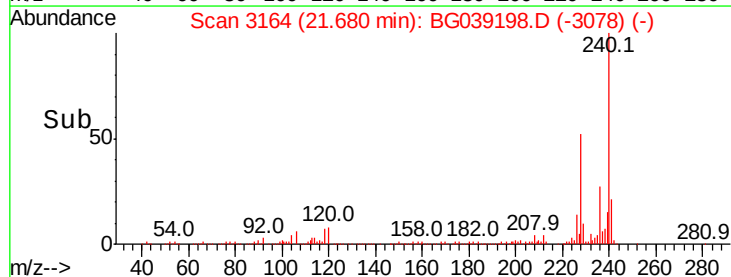
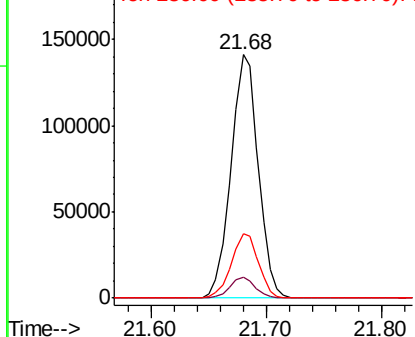


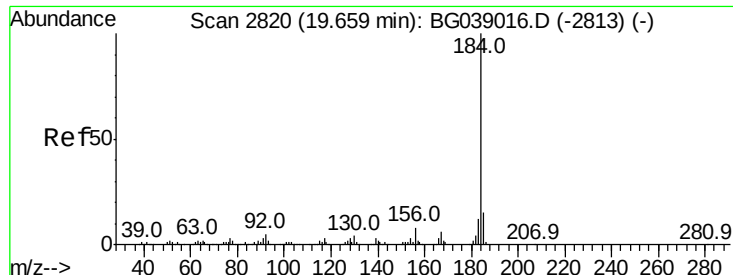
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.68 min Scan# 3164  
 Delta R.T. -0.02 min  
 Lab File: BG039198.D  
 Acq: 18 Jan 2019 00:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 8.4   | 4.3   | 6.5#  |
| 236     | 26.7  | 20.1  | 30.1  |



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: 36.000 ng

RT: 19.64 min Scan# 2817

Delta R.T. -0.02 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

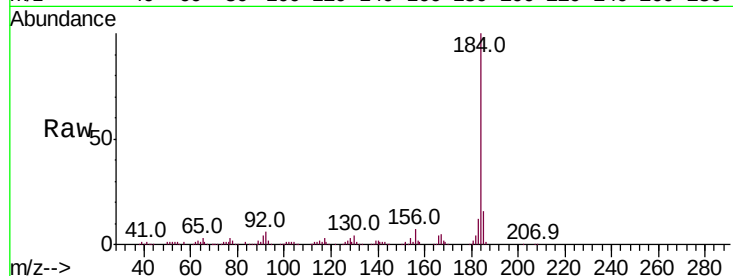
Tot Ion:184 Resp: 253900

Ion Ratio Lower Upper

184 100

185 15.9 12.1 18.1

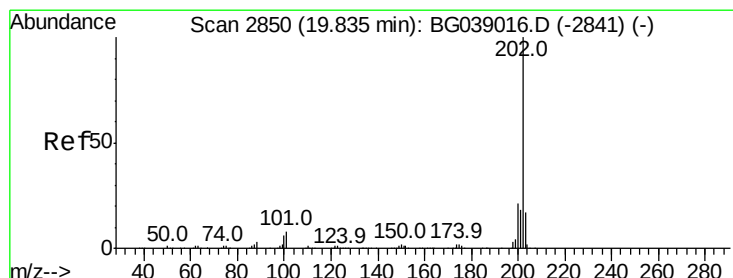
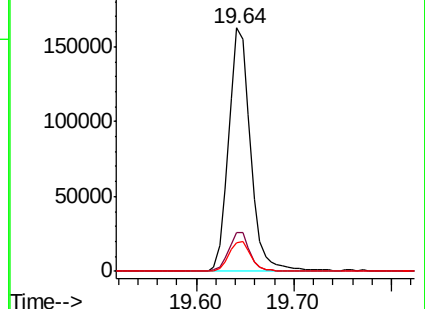
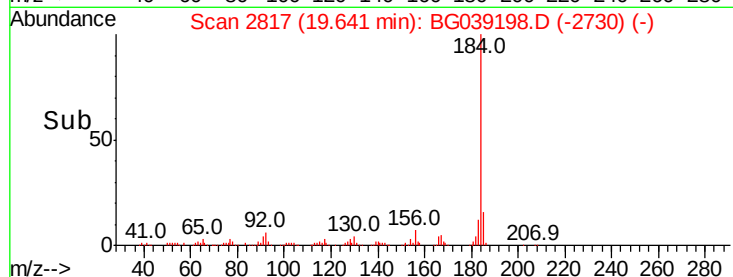
183 12.0 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 40.521 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

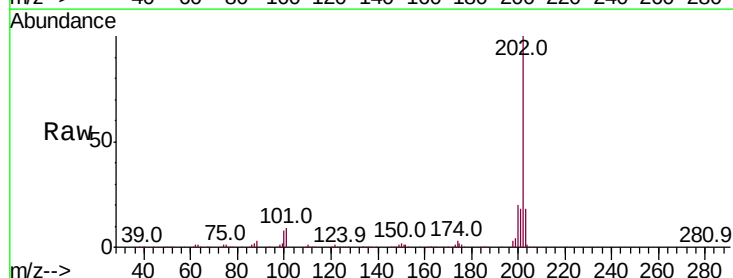
Tgt Ion:202 Resp: 595451

Ion Ratio Lower Upper

202 100

200 20.4 17.0 25.6

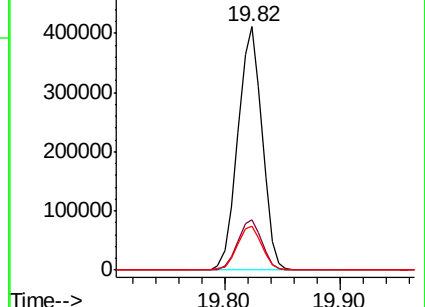
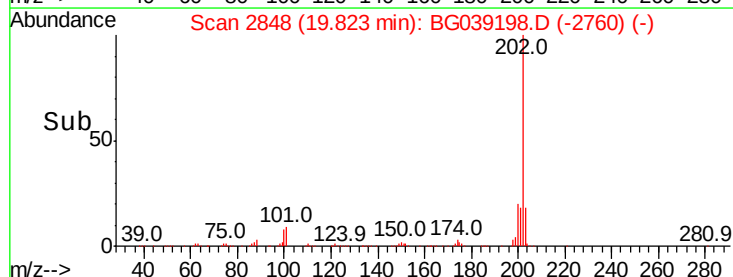
203 17.8 14.0 21.0

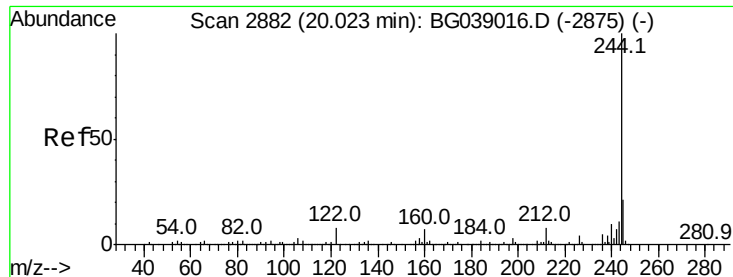


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.292 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.01 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

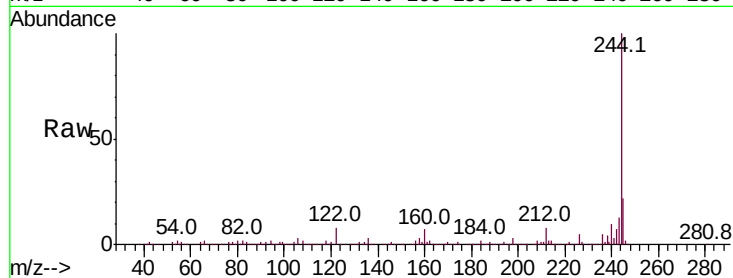
Tot Ion:244 Resp: 938502

Ion Ratio Lower Upper

244 100

212 7.9 6.1 9.1

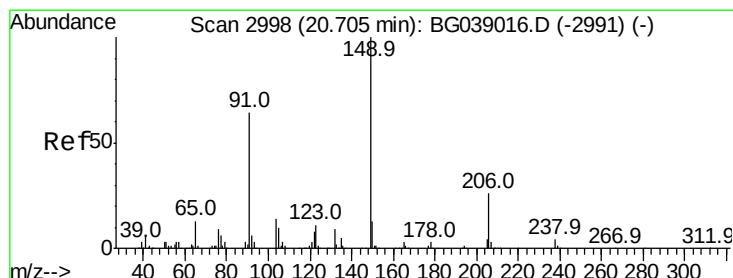
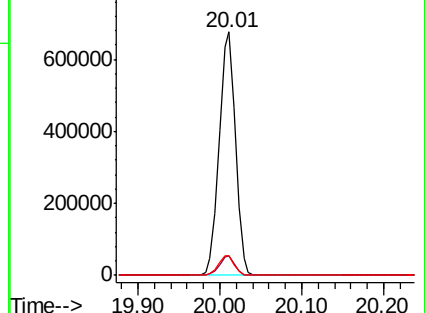
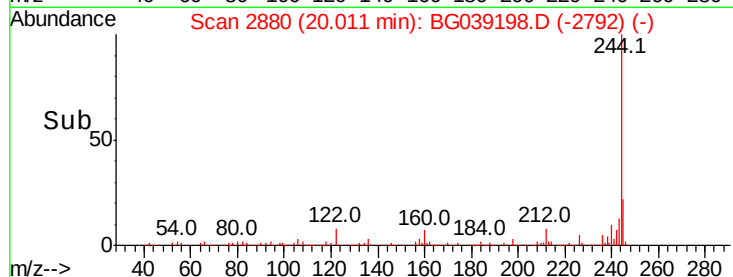
122 8.0 6.1 9.1



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: 43.943 ng

RT: 20.69 min Scan# 2995

Delta R.T. -0.02 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

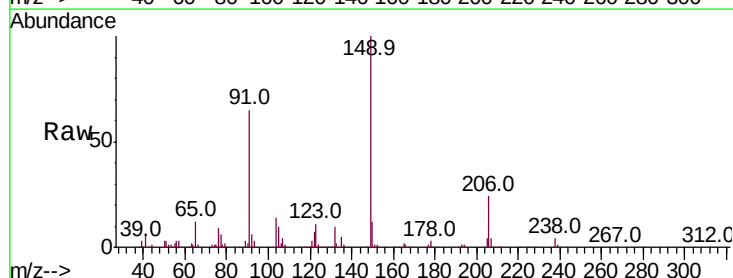
Tgt Ion:149 Resp: 245599

Ion Ratio Lower Upper

149 100

91 65.0 51.4 77.0

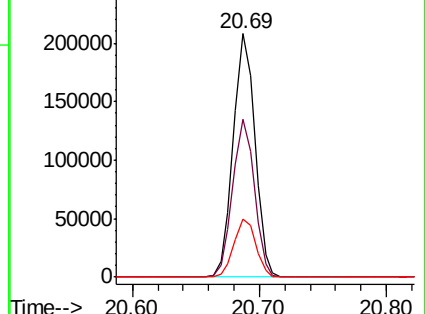
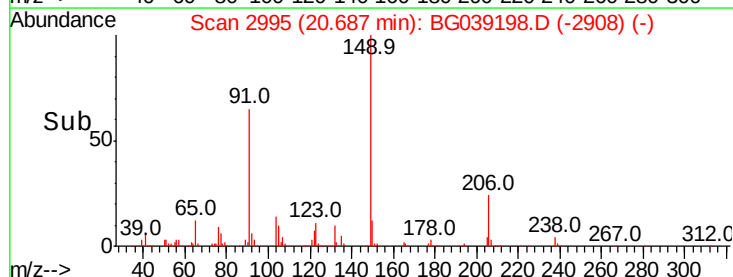
206 23.7 20.4 30.6

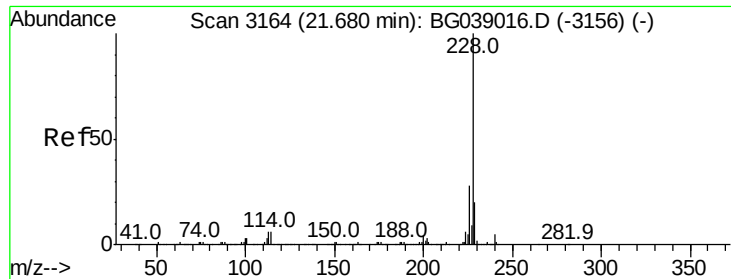


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

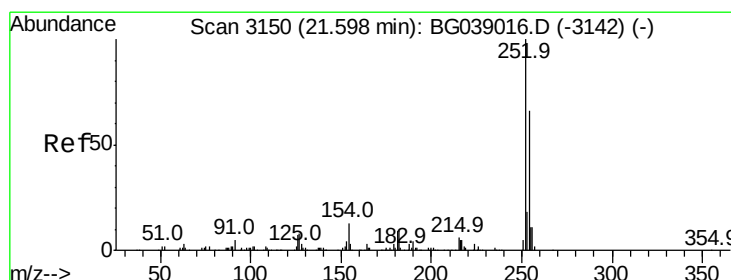
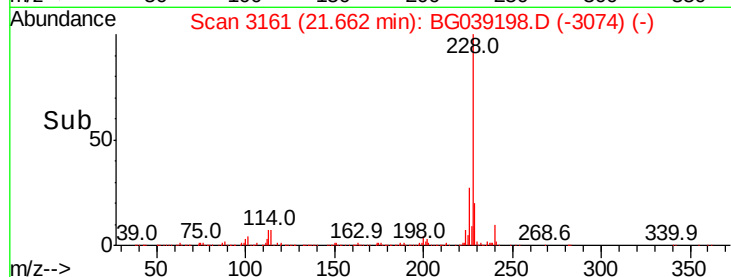
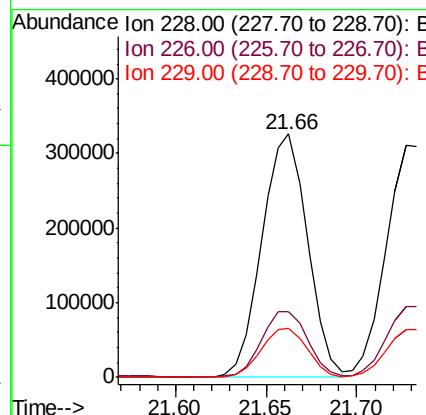
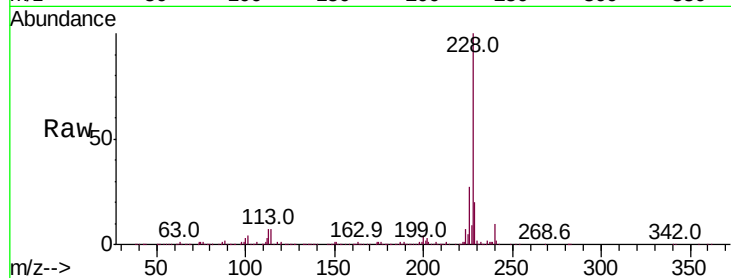




#81  
Benzo(a)anthracene  
Concen: 40.617 ng  
RT: 21.66 min Scan# 3161  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

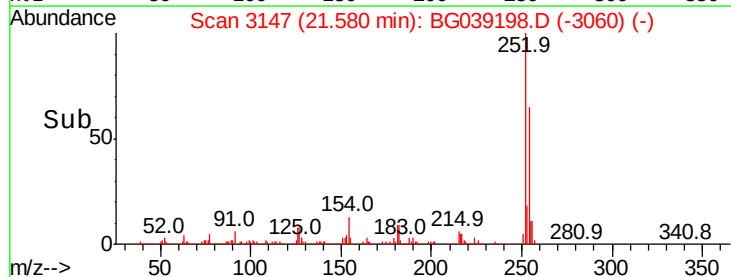
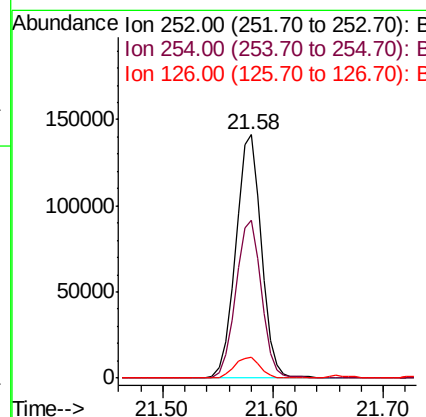
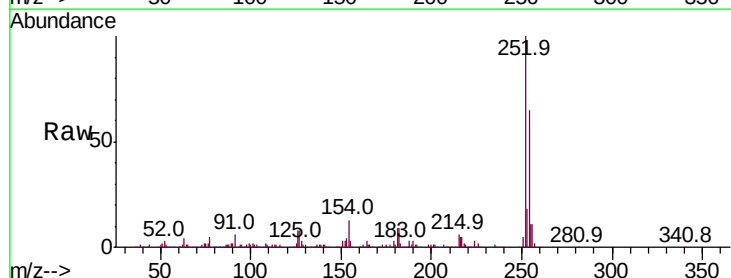
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

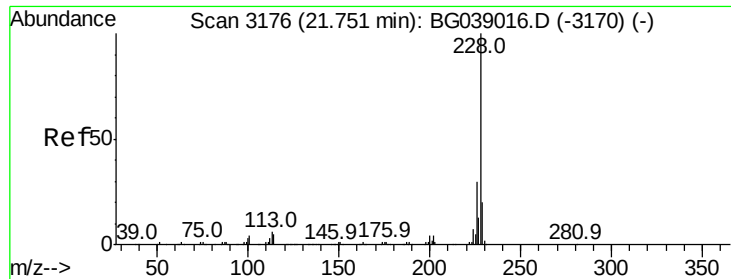
Tot Ion:228 Resp: 570144  
Ion Ratio Lower Upper  
228 100  
226 26.9 22.4 33.6  
229 20.0 16.2 24.2



#82  
3,3'-Dichlorobenzidine  
Concen: 40.210 ng  
RT: 21.58 min Scan# 3147  
Delta R.T. -0.02 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Tgt Ion:252 Resp: 229970  
Ion Ratio Lower Upper  
252 100  
254 64.8 53.0 79.6  
126 8.4 6.0 9.0



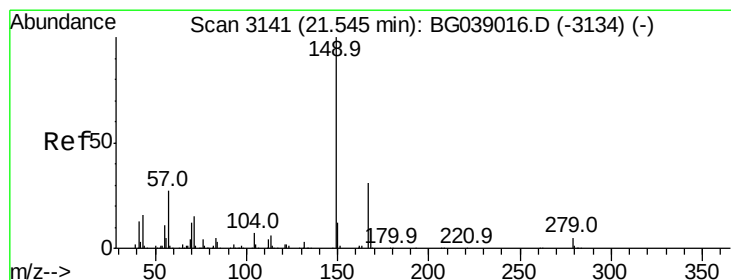
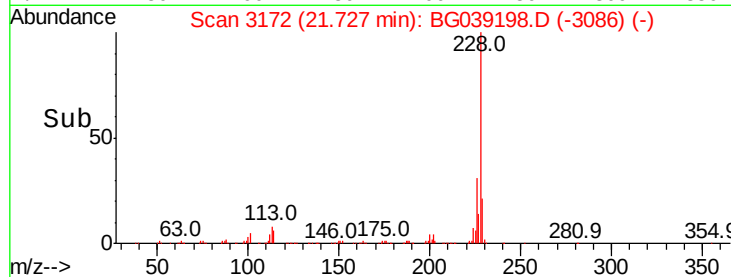
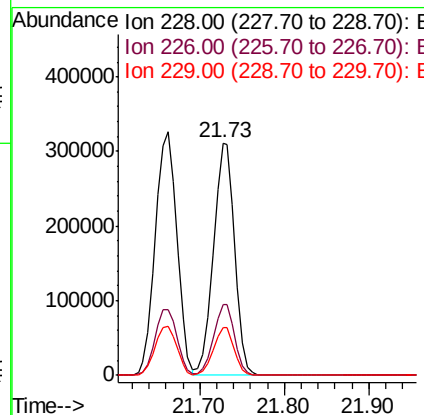
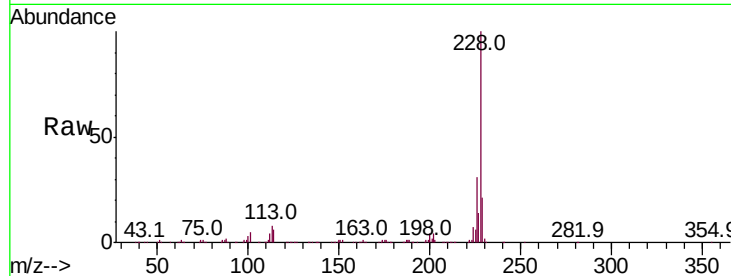


#83  
 Chrysene  
 Concen: 41.179 ng  
 RT: 21.73 min Scan# 3172  
 Delta R.T. -0.02 min  
 Lab File: BG039198.D  
 Acq: 18 Jan 2019 00:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTDCCC040

Tot Ion:228 Resp: 549753  

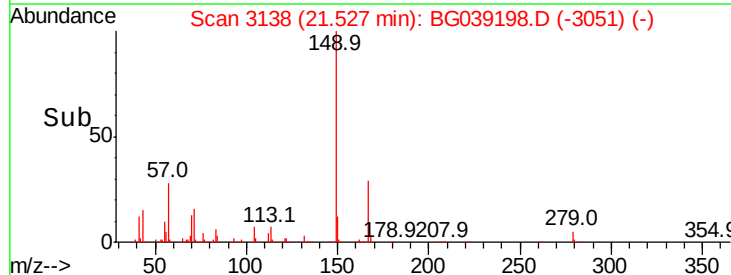
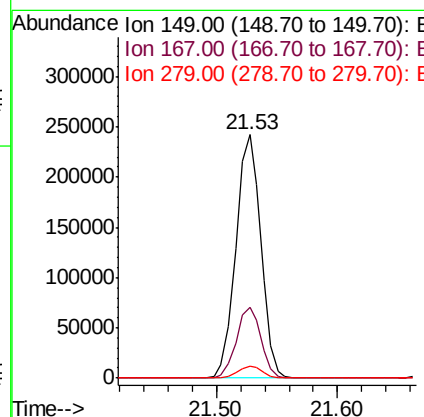
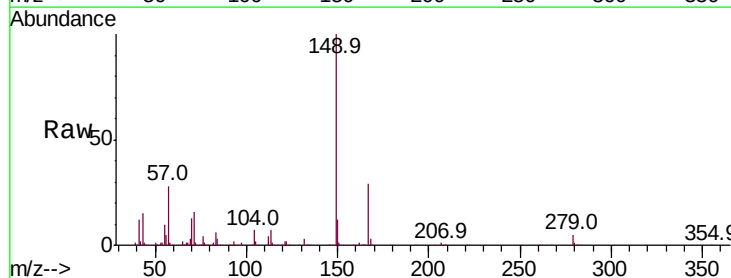
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.6  | 24.1  | 36.1  |
| 229 | 20.7  | 16.0  | 24.0  |

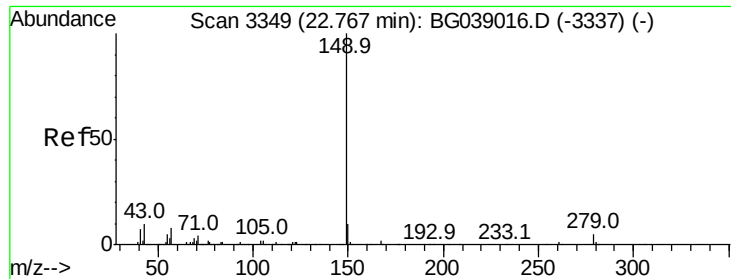


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.808 ng  
 RT: 21.53 min Scan# 3138  
 Delta R.T. -0.02 min  
 Lab File: BG039198.D  
 Acq: 18 Jan 2019 00:31

Tgt Ion:149 Resp: 347732  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 29.3  | 25.0  | 37.4  |
| 279 | 4.7   | 4.3   | 6.5   |

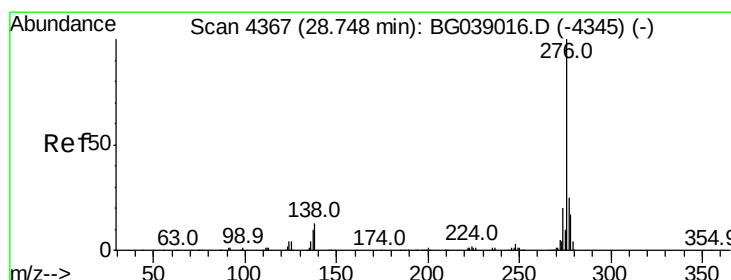
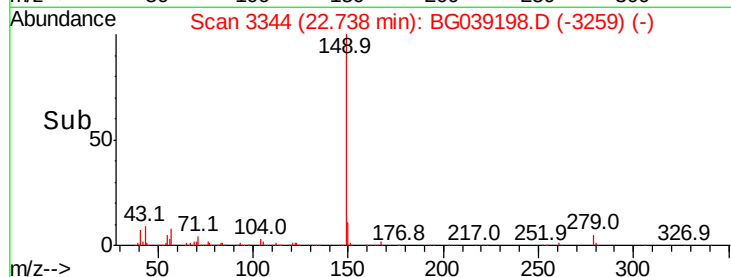
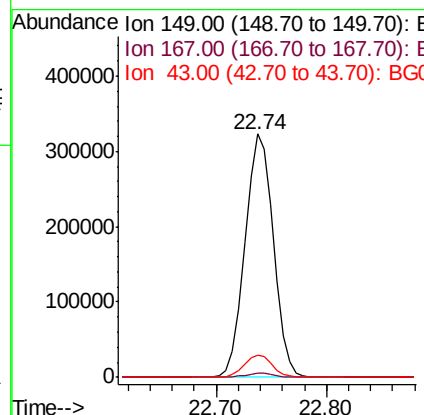
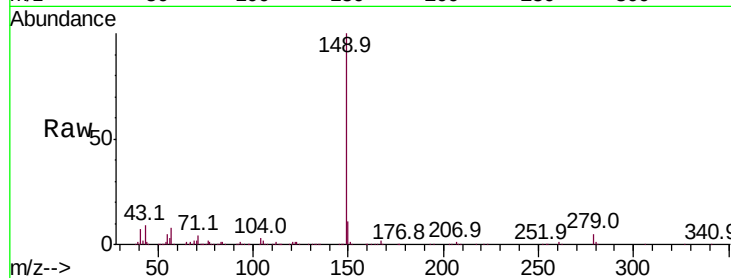




#85  
Di-n-octyl phthalate  
Concen: 44.529 ng  
RT: 22.74 min Scan# 3344  
Delta R.T. -0.03 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

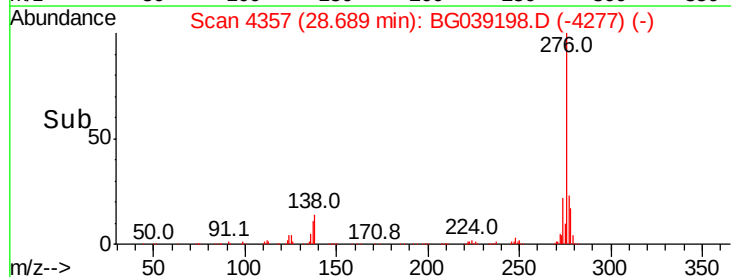
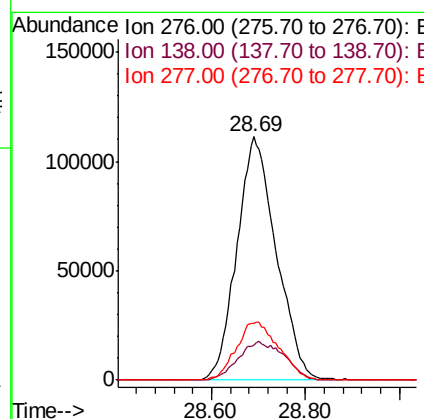
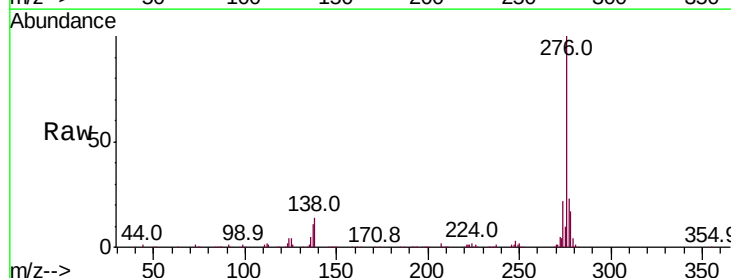
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

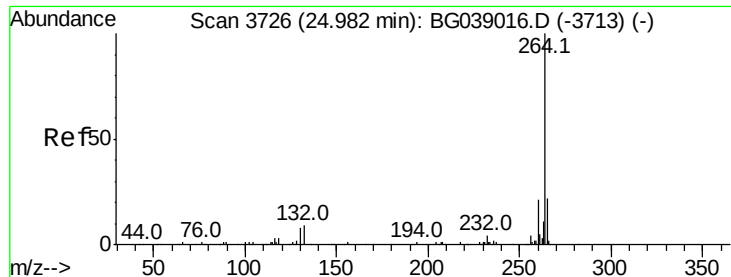
Tot Ion:149 Resp: 584320  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.3 1.9  
43 9.1 7.5 11.3



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 40.457 ng  
RT: 28.69 min Scan# 4357  
Delta R.T. -0.06 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Tgt Ion:276 Resp: 645392  
Ion Ratio Lower Upper  
276 100  
138 18.5 8.0 12.0#  
277 25.7 20.3 30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.95 min Scan# 3720

Delta R.T. -0.04 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

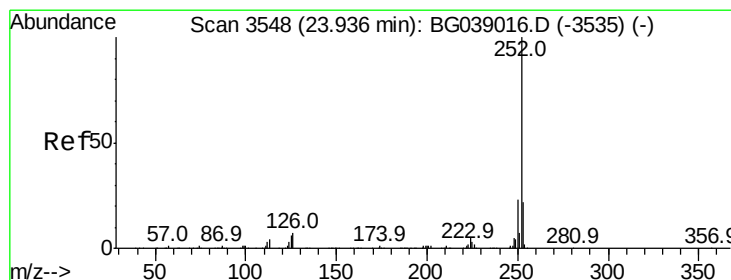
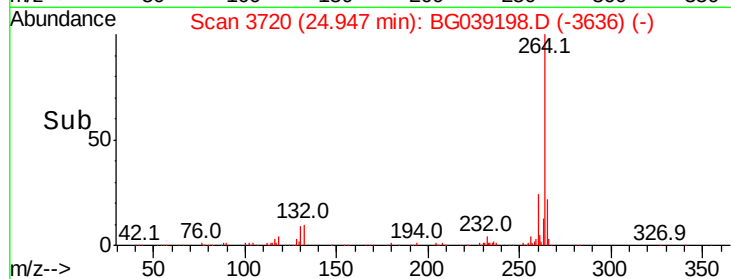
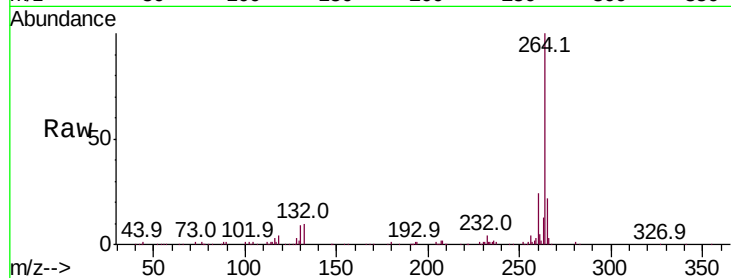
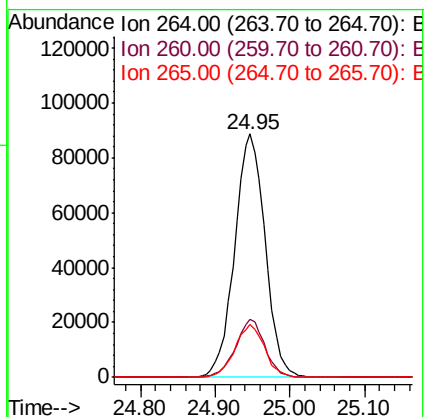
BNA\_G

ClientSampleId :

SSTDCCC040

Tot Ion:264 Resp: 250529

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.6  | 17.0  | 25.6  |
| 265 | 21.7  | 17.2  | 25.8  |



#88

Benzo(b)fluoranthene

Concen: 39.815 ng

RT: 23.97 min Scan# 3554

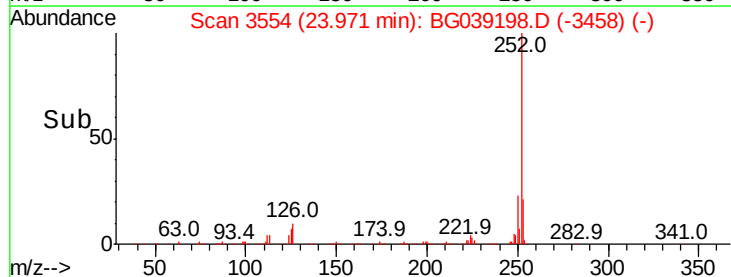
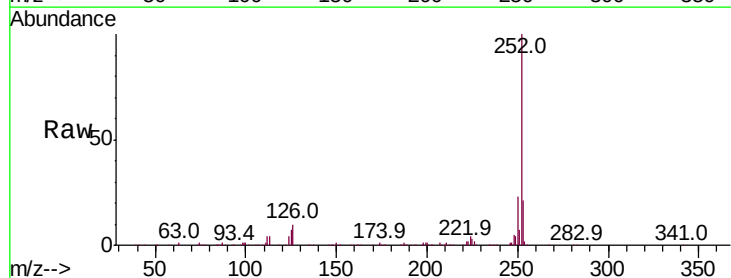
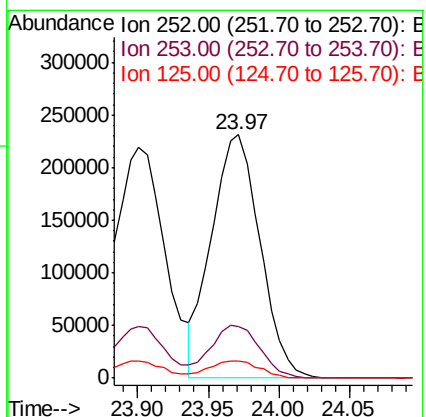
Delta R.T. 0.04 min

Lab File: BG039198.D

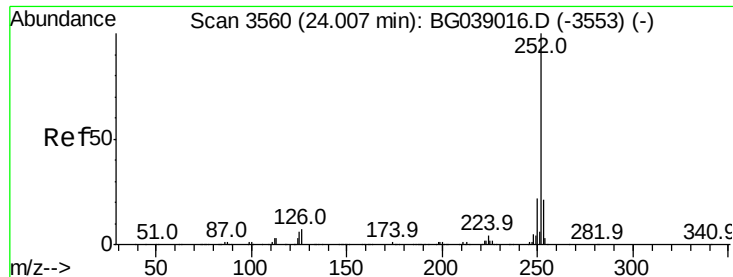
Acq: 18 Jan 2019 00:31

Tgt Ion:252 Resp: 550015

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.4  | 17.8  | 26.6  |
| 125 | 7.1   | 4.9   | 7.3   |



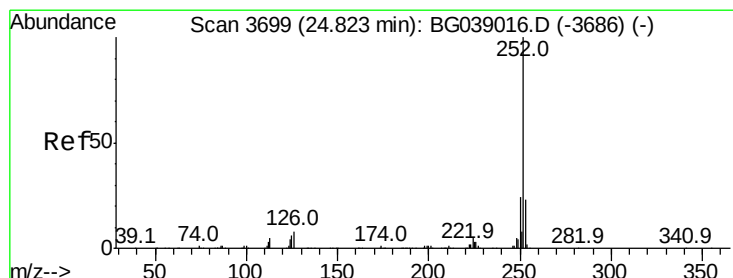
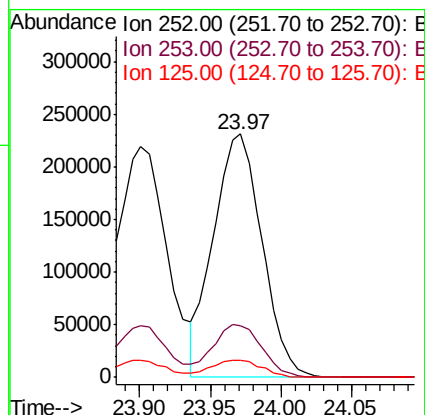
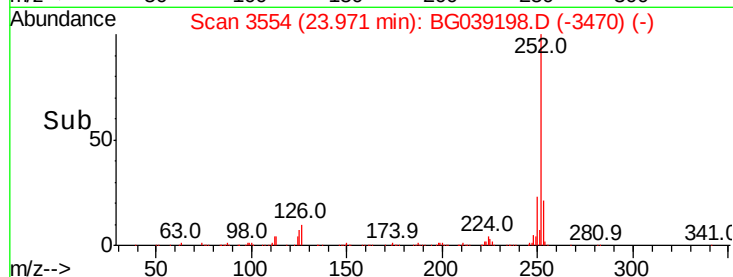
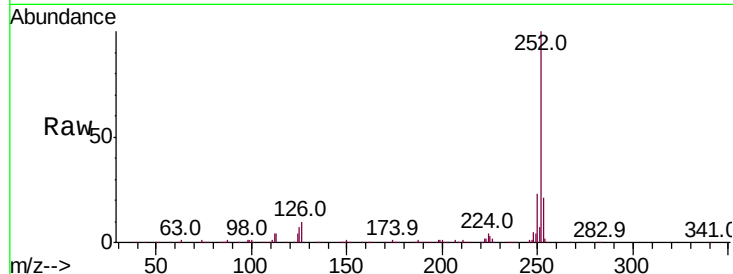




#89  
Benzo(k)fluoranthene  
Concen: 40.269 ng  
RT: 23.97 min Scan# 3554  
Delta R.T. -0.04 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

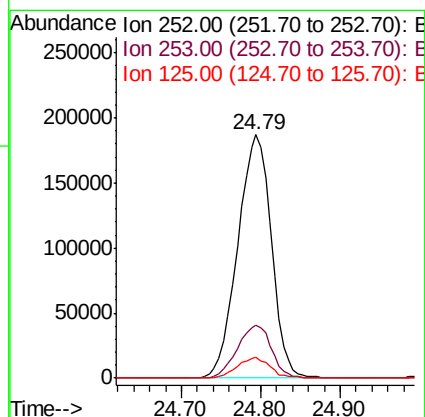
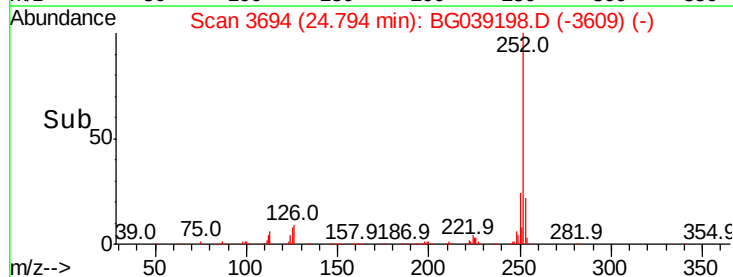
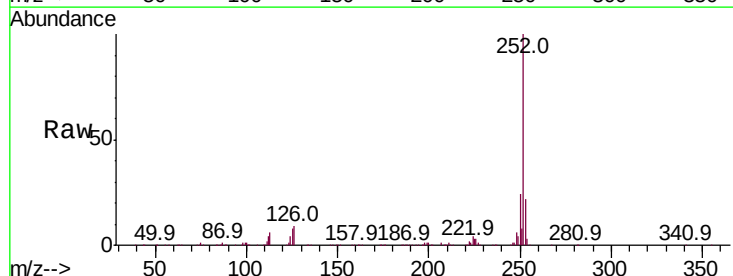
Instrument :  
BNA\_G  
ClientSampleId :  
SSTDCCC040

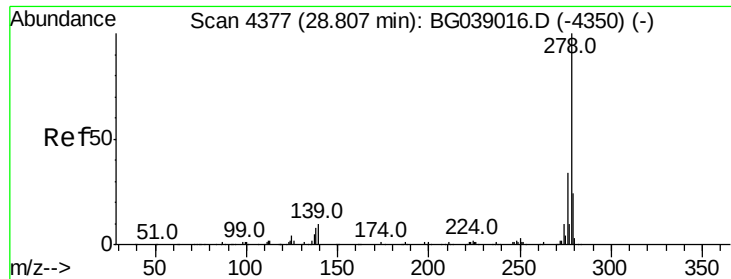
Tot Ion:252 Resp: 550015  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.1 25.7  
125 7.1 4.6 7.0#



#90  
Benzo(a)pyrene  
Concen: 41.215 ng  
RT: 24.79 min Scan# 3694  
Delta R.T. -0.03 min  
Lab File: BG039198.D  
Acq: 18 Jan 2019 00:31

Tgt Ion:252 Resp: 550325  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.3 27.5  
125 8.5 4.9 7.3#





#91

Dibenzo(a,h)anthracene

Concen: 40.680 ng

RT: 28.75 min Scan# 4367

Delta R.T. -0.06 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

Instrument :

BNA\_G

ClientSampleId :

SSTDCCC040

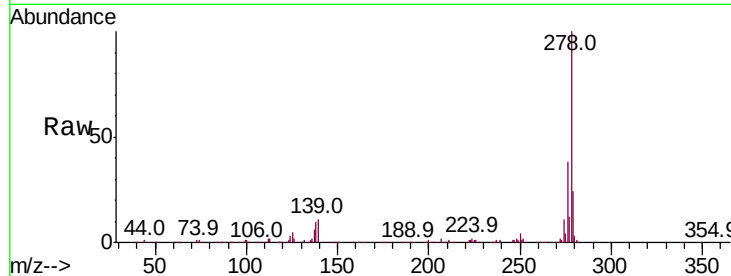
Tot Ion:278 Resp: 540285

Ion Ratio Lower Upper

278 100

139 11.3 7.9 11.9

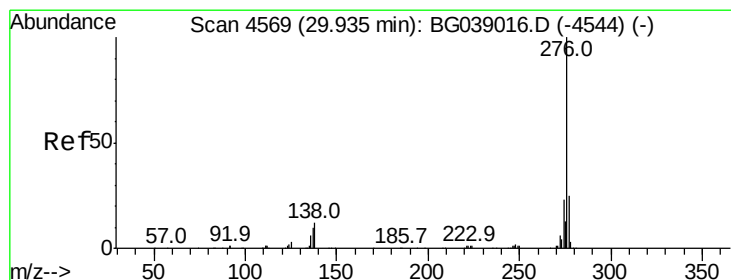
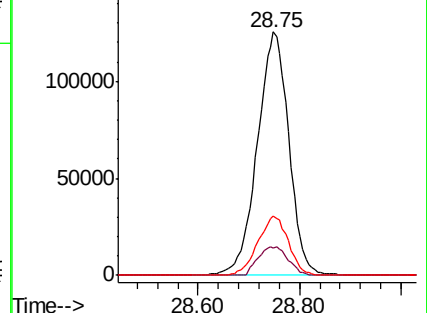
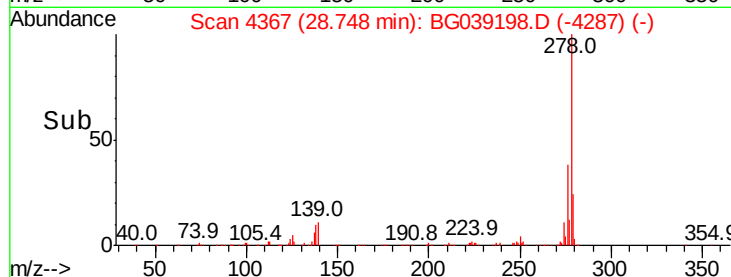
279 24.2 19.3 28.9



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: 40.196 ng

RT: 29.87 min Scan# 4558

Delta R.T. -0.06 min

Lab File: BG039198.D

Acq: 18 Jan 2019 00:31

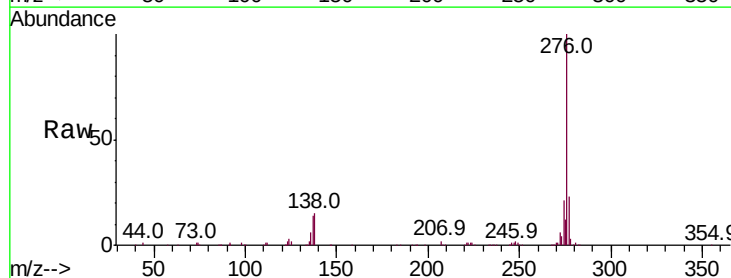
Tgt Ion:276 Resp: 528510

Ion Ratio Lower Upper

276 100

277 23.1 20.3 30.5

138 15.1 9.4 14.2#



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

