

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\  
 Data File : BG041897.D  
 Acq On : 2 Aug 2019 21:41  
 Operator : HP/JU  
 Sample : SSTD08074  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 03 01:54:07 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 03 01:46:33 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 86018    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.86 | 136  | 378322   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.69 | 164  | 279673   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.45 | 188  | 630416   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.73 | 240  | 618784   | 20.00 | ng/ul | 0.01     |
| 85) Perylene-d12          | 25.00 | 264  | 724341   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.42  | 96  | 59238   | 31.72 | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.18  | 99  | 559522  | 76.58 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.35  | 67  | 301516  | 70.11 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.57  | 132 | 467558  | 77.99 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.75  | 113 | 472050  | 77.89 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.20  | 128 | 233756  | 77.56 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.93  | 143 | 287432  | 85.42 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.47 | 165 | 553805  | 80.81 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.99 | 131 | 615110  | 84.44 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 14.10 | 166 | 1564383 | 63.71 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.39 | 160 | 1766068 | 59.46 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.89 | 143 | 305228  | 76.38 | ng/ul | 0.02  |
| 57) Fluorene-d10               | 15.69 | 176 | 1369052 | 63.61 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.81 | 200 | 359990  | 92.48 | ng/ul | 0.02  |
| 70) Anthracene-d10             | 17.45 | 188 | 630416  | 19.44 | ng/ul | -0.09 |
| 78) Pyrene-d10                 | 19.83 | 212 | 2333262 | 64.43 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 24.77 | 264 | 2799256 | 67.03 | ng/ul | 0.02  |

## Target Compounds

|                                |       |     |         |        | Ovalue |     |
|--------------------------------|-------|-----|---------|--------|--------|-----|
| 2) 1,4-Dioxane                 | 3.45  | 88  | 58817   | 30.667 | ng/uL# | 89  |
| 4) Benzaldehyde                | 7.16  | 77  | 263944  | 78.347 | ng/ul  | 96  |
| 6) Phenol                      | 7.21  | 94  | 567935  | 80.731 | ng/ul  | 99  |
| 8) Bis(2-Chloroethyl)ether     | 7.45  | 93  | 420728  | 78.416 | ng/ul  | 98  |
| 10) 2-Chlorophenol             | 7.59  | 128 | 476201  | 83.010 | ng/ul  | 96  |
| 11) 2-Methylphenol             | 8.48  | 108 | 466579  | 85.484 | ng/ul  | 96  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 707630  | 97.009 | ng/ul  | 98  |
| 14) Acetophenone               | 8.86  | 105 | 697195  | 78.875 | ng/ul  | 96  |
| 15) N-Nitroso-di-n-propylamine | 8.86  | 70  | 370393  | 80.733 | ng/ul  | 96  |
| 16) 4-Methylphenol             | 8.82  | 108 | 490770  | 82.925 | ng/ul  | 91  |
| 17) Hexachloroethane           | 9.13  | 117 | 185655  | 77.665 | ng/ul  | 96  |
| 20) Nitrobenzene               | 9.25  | 77  | 514907  | 75.692 | ng/ul  | 97  |
| 21) Isophorone                 | 9.78  | 82  | 1017204 | 79.123 | ng/ul  | 97  |
| 23) 2-Nitrophenol              | 9.96  | 139 | 298626  | 86.928 | ng/ul  | 99  |
| 24) 2,4-Dimethylphenol         | 10.02 | 107 | 546646  | 78.203 | ng/ul  | 98  |
| 25) Bis(2-Chloroethoxy)methane | 10.26 | 93  | 606001  | 76.400 | ng/ul  | 97  |
| 27) 2,4-Dichlorophenol         | 10.50 | 162 | 532210  | 83.618 | ng/ul  | 99  |
| 28) Naphthalene                | 10.91 | 128 | 1421229 | 73.120 | ng/ul  | 97  |
| 30) 4-Chloroaniline            | 11.01 | 127 | 614762  | 88.709 | ng/ul  | 99  |
| 31) Hexachlorobutadiene        | 11.20 | 225 | 382996  | 85.354 | ng/ul  | 97  |
| 32) Caprolactam                | 11.80 | 113 | 98551   | 53.923 | ng/ul  | 97  |
| 33) 4-Chloro-3-methylphenol    | 12.14 | 107 | 530639  | 83.356 | ng/ul  | 100 |
| 34) 2-Methylnaphthalene        | 12.52 | 142 | 1145252 | 76.678 | ng/ul  | 99  |

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 Operator : HP/JU  
 Sample : SSTD08074  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

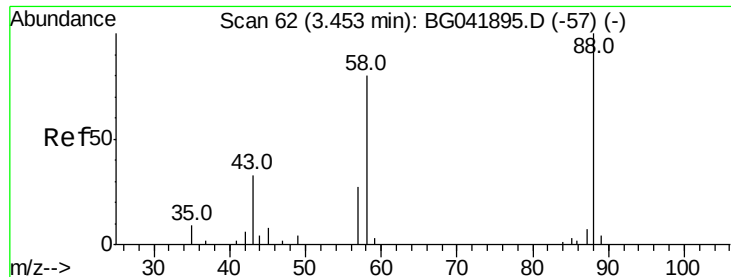
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 03 01:54:07 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Aug 03 01:46:33 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216  | 743873   | 74.069  | ng/ul  | 98       |
| 37) Hexachlorocyclopentadiene  | 12.87 | 237  | 520598   | 86.137  | ng/ul  | 93       |
| 38) 2,4,6-Trichlorophenol      | 13.12 | 196  | 511007   | 82.839  | ng/ul  | 98       |
| 39) 2,4,5-Trichlorophenol      | 13.20 | 196  | 554545   | 83.297  | ng/ul  | 98       |
| 40) 1,1'-Biphenyl              | 13.53 | 154  | 1427253  | 63.110  | ng/ul  | 90       |
| 41) 2-Chloronaphthalene        | 13.57 | 162  | 1195303  | 66.680  | ng/ul  | 93       |
| 42) 2-Nitroaniline             | 13.76 | 65   | 356625   | 81.519  | ng/ul  | 95       |
| 44) Dimethylphthalate          | 14.15 | 163  | 1505317  | 66.180  | ng/ul# | 94       |
| 45) 2,6-Dinitrotoluene         | 14.26 | 165  | 384837   | 87.033  | ng/ul  | 99       |
| 47) Acenaphthylene             | 14.42 | 152  | 1712631  | 65.247  | ng/ul# | 90       |
| 48) 3-Nitroaniline             | 14.59 | 138  | 311149   | 81.981  | ng/ul  | 90       |
| 49) Acenaphthene               | 14.76 | 153  | 1266862  | 66.478  | ng/ul  | 96       |
| 50) 2,4-Dinitrophenol          | 14.79 | 184  | 256728   | 114.468 | ng/ul  | 94       |
| 52) 4-Nitrophenol              | 14.90 | 109  | 227899   | 77.133  | ng/ul  | 98       |
| 53) Dibenzofuran               | 15.10 | 168  | 1765474  | 64.222  | ng/ul  | 89       |
| 54) 2,4-Dinitrotoluene         | 15.05 | 165  | 541314   | 84.261  | ng/ul  | 99       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.32 | 232  | 538148   | 91.608  | ng/ul# | 99       |
| 56) Diethylphthalate           | 15.51 | 149  | 1509865  | 68.398  | ng/ul# | 93       |
| 58) Fluorene                   | 15.74 | 166  | 1432026  | 64.393  | ng/ul# | 97       |
| 59) 4-Chlorophenyl-phenylether | 15.74 | 204  | 881544   | 71.992  | ng/ul  | 96       |
| 60) 4-Nitroaniline             | 15.77 | 138  | 352794   | 87.033  | ng/ul  | 93       |
| 63) 4,6-Dinitro-2-methylphenol | 15.82 | 198  | 390643   | 99.377  | ng/ul  | 97       |
| 64) N-Nitrosodiphenylamine     | 15.95 | 169  | 1363923  | 71.815  | ng/ul  | 95       |
| 65) 4-Bromophenyl-phenylether  | 16.63 | 248  | 645229   | 82.292  | ng/ul  | 97       |
| 66) Hexachlorobenzene          | 16.75 | 284  | 637248   | 72.658  | ng/ul  | 99       |
| 67) Atrazine                   | 16.90 | 200  | 608296   | 84.913  | ng/ul  | 97       |
| 68) Pentachlorophenol          | 17.10 | 266  | 430019   | 97.782  | ng/ul  | 98       |
| 69) Phenanthrene               | 17.49 | 178  | 2273224  | 64.878  | ng/ul# | 87       |
| 71) Anthracene                 | 17.58 | 178  | 2273570  | 63.671  | ng/ul# | 87       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.49 | 216  | 785896   | 79.048  | ng/ul  | 99       |
| 73) Pentachlorobenzene         | 15.02 | 250  | 785497   | 77.214  | ng/ul  | 99       |
| 74) Carbazole                  | 17.85 | 167  | 2121139  | 71.087  | ng/ul# | 88       |
| 75) Di-n-butylphthalate        | 18.07 | 149  | 10160    | 0.284   | ng/ul  | 97       |
| 76) Fluoranthene               | 19.50 | 202  | 2691712  | 67.971  | ng/ul# | 92       |
| 79) Pvrene                     | 19.50 | 202  | 2691712  | 62.600  | ng/ul  | 96       |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 1184123  | 73.252  | ng/ul  | 93       |
| 81) 3,3'-Dichlorobenzidine     | 21.62 | 252  | 1135178  | 80.801  | ng/ul  | 99       |
| 82) Benzo(a)anthracene         | 21.71 | 228  | 2803323  | 66.047  | ng/ul# | 85       |
| 83) Bis(2-ethylhexyl)phthalate | 21.62 | 149  | 1557258  | 67.587  | ng/ul  | 92       |
| 84) Chrysene                   | 21.78 | 228  | 2609636  | 65.442  | ng/ul# | 84       |
| 86) Di-n-octyl phthalate       | 22.85 | 149  | 2647023  | 64.638  | ng/ul  | 100      |
| 87) Benzo(b)fluoranthene       | 23.96 | 252  | 3214078  | 70.224  | ng/ul  | 93       |
| 88) Benzo(k)fluoranthene       | 24.03 | 252  | 2941198  | 66.709  | ng/ul# | 90       |
| 90) Benzo(a)pyrene             | 24.86 | 252  | 3039149  | 70.077  | ng/ul  | 92       |
| 91) Indeno(1,2,3-cd)pyrene     | 28.75 | 276  | 3887531  | 76.309  | ng/ul  | 97       |
| 92) Dibenzo(a,h)anthracene     | 28.82 | 278  | 3086667  | 72.401  | ng/ul  | 94       |
| 93) Benzo(g,h,i)perylene       | 29.93 | 276  | 3218147  | 76.636  | ng/ul  | 98       |

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





#2

1,4-Dioxane

Concen: 30.667 ng/uL

RT: 3.45 min Scan# 62

Delta R.T. -0.00 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

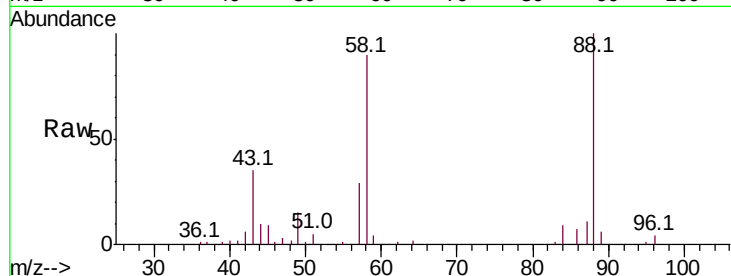
Tot Ion: 88 Resp: 58817

Ion Ratio Lower Upper

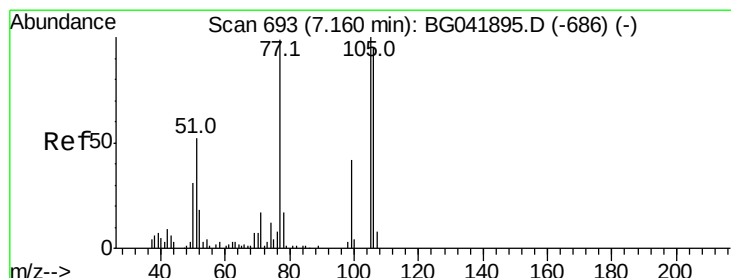
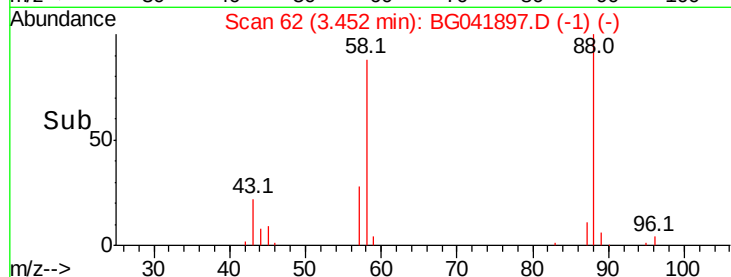
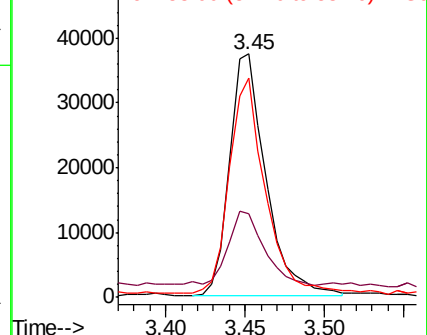
88 100

43 34.5 36.3 54.5#

58 90.2 66.0 99.0



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



#4

Benzaldehyde

Concen: 78.347 ng/uL

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

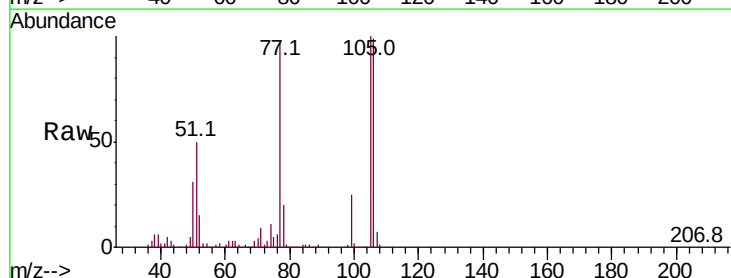
Tgt Ion: 77 Resp: 263944

Ion Ratio Lower Upper

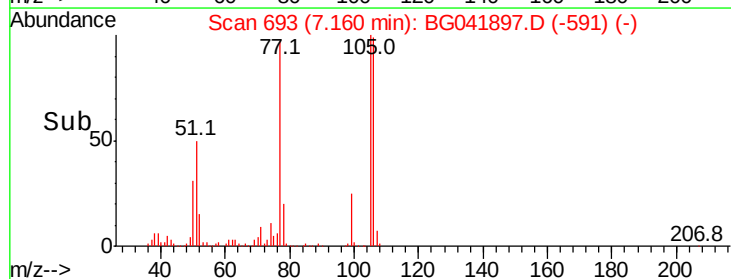
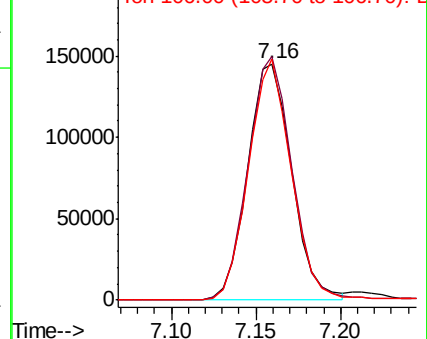
77 100

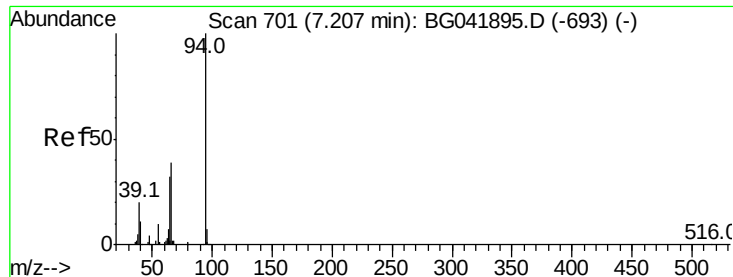
105 103.1 80.7 121.1

106 102.1 76.3 114.5



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





#6

Phenol

Concen: 80.731 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

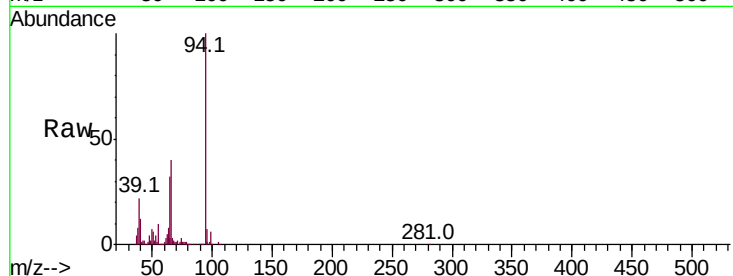
Tot Ion: 94 Resp: 567935

Ion Ratio Lower Upper

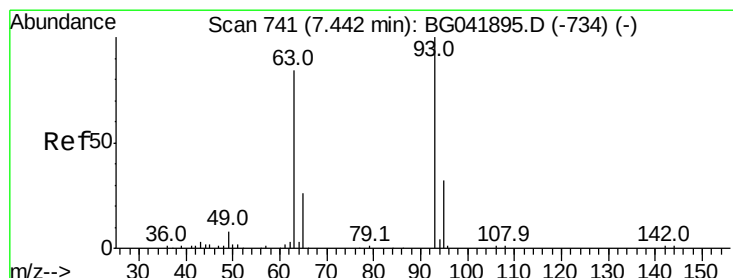
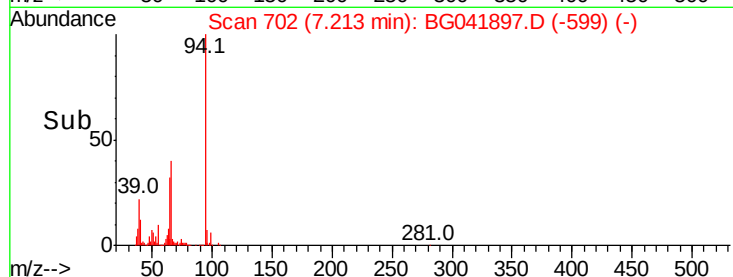
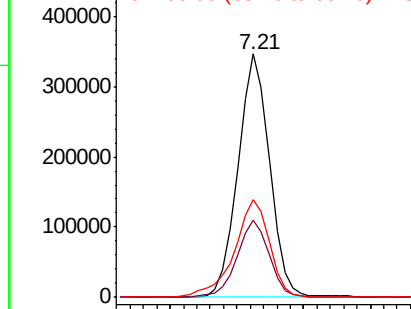
94 100

65 31.5 25.8 38.6

66 40.2 31.8 47.8



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



#8

Bis(2-Chloroethyl)ether

Concen: 78.416 ng/ul

RT: 7.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

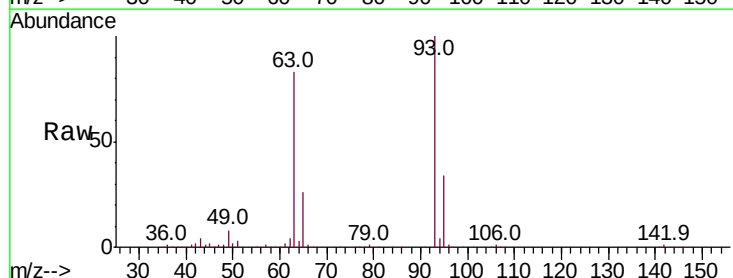
Tgt Ion: 93 Resp: 420728

Ion Ratio Lower Upper

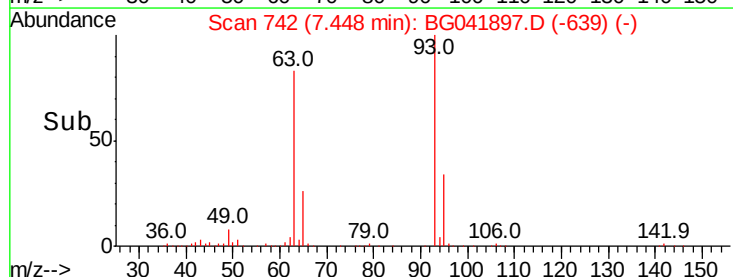
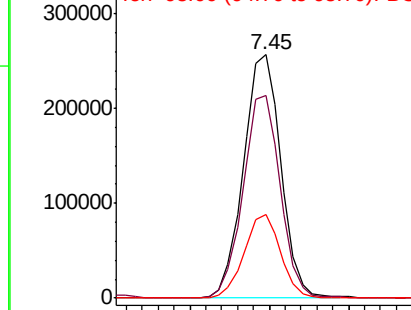
93 100

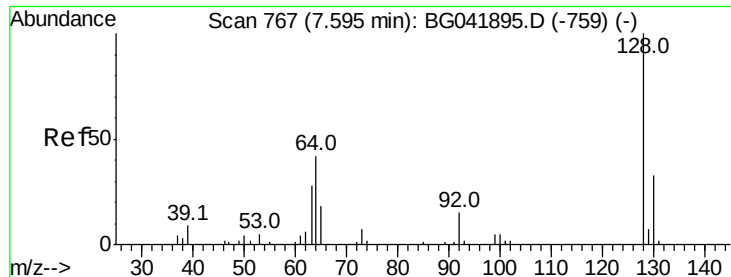
63 83.3 67.4 101.0

95 34.1 25.9 38.9



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

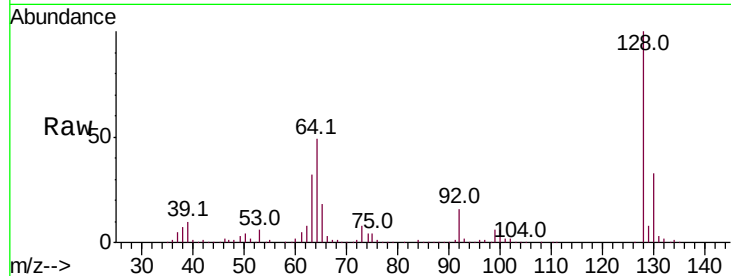




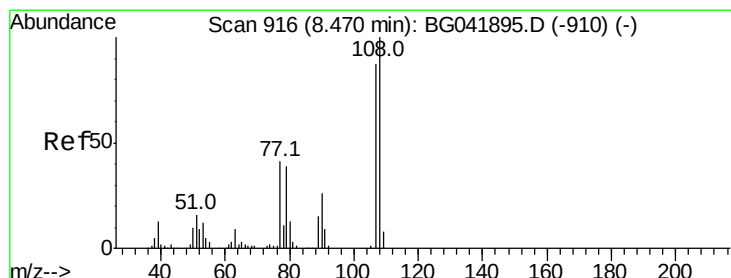
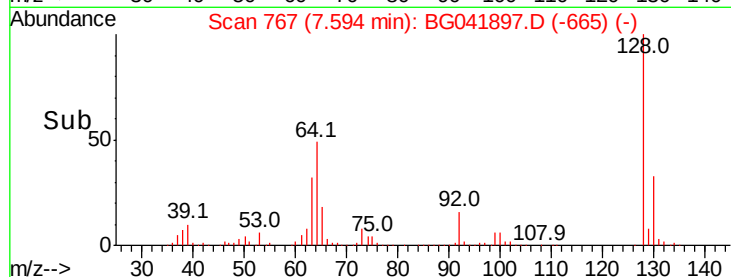
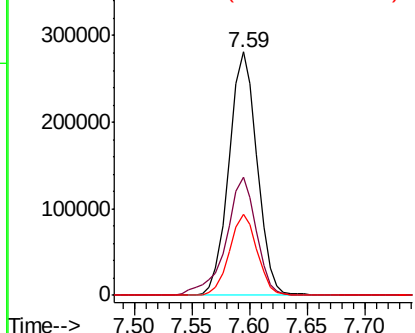
#10  
2-Chlorophenol  
Concen: 83.010 ng/ul  
RT: 7.59 min Scan# 767  
Delta R.T. -0.00 min  
Lab File: BG041897.D  
Acq: 2 Aug 2019 21:41

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 48.6  | 35.5  | 53.3  |
| 130     | 33.3  | 26.2  | 39.4  |

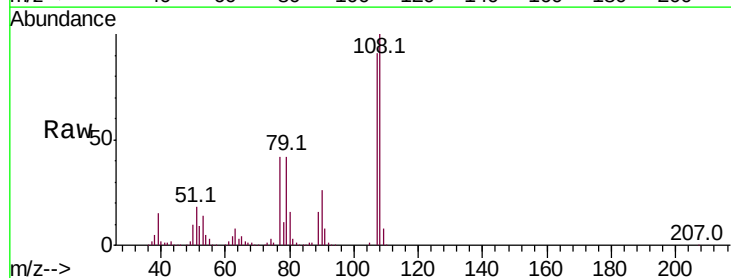


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BG  
Ion 130.00 (129.70 to 130.70): E

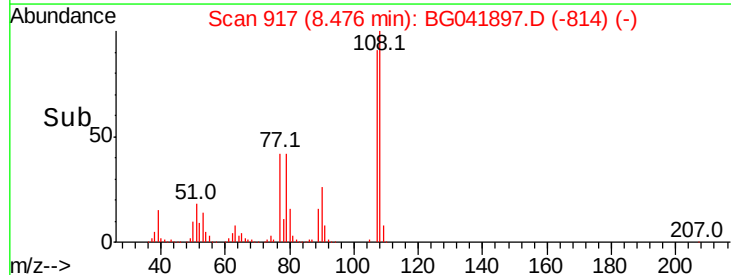
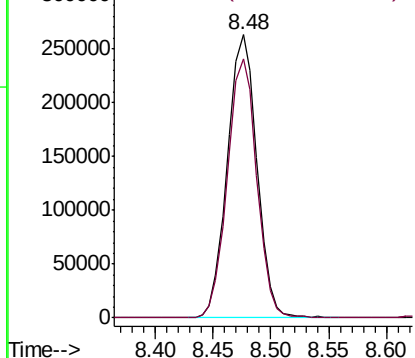


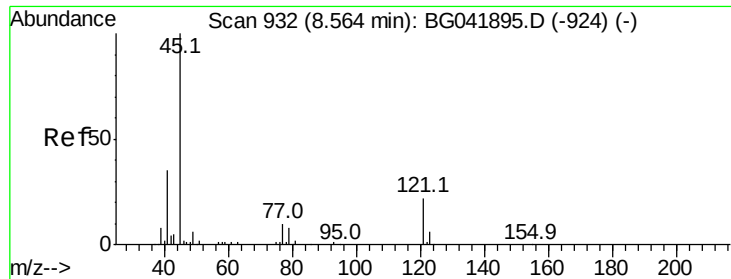
#11  
2-Methylphenol  
Concen: 85.484 ng/ul  
RT: 8.48 min Scan# 917  
Delta R.T. 0.01 min  
Lab File: BG041897.D  
Acq: 2 Aug 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 91.5  | 69.9  | 104.9 |



Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxybis(1-Chloropropane)

Concen: 97.009 ng/ul

RT: 8.56 min Scan# 932

Delta R.T. -0.00 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

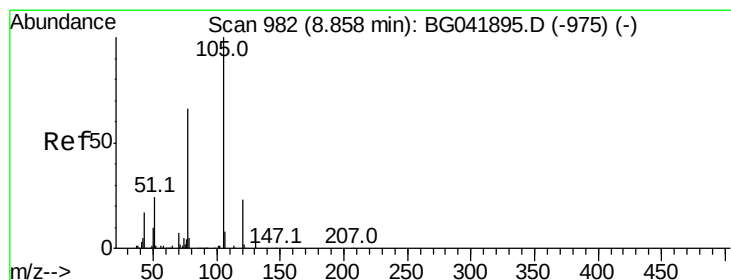
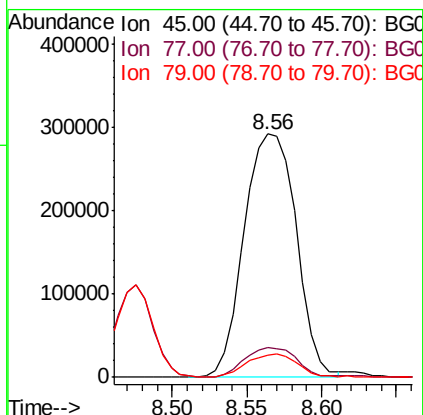
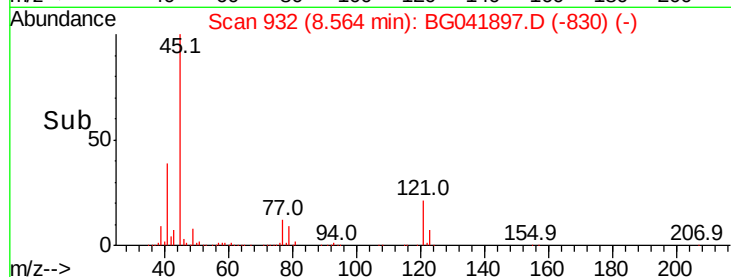
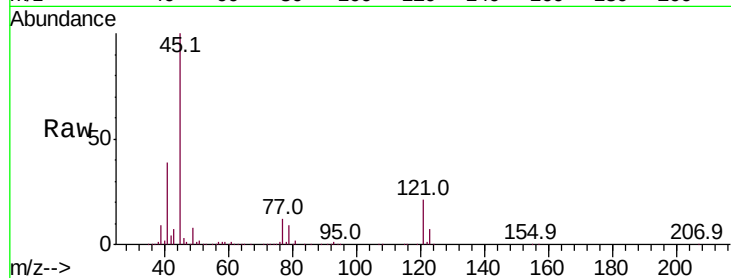
Tot Ion: 45 Resp: 707630

Ion Ratio Lower Upper

45 100

77 12.1 8.6 12.8

79 9.0 7.2 10.8



#14

Acetophenone

Concen: 78.875 ng/ul

RT: 8.86 min Scan# 983

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

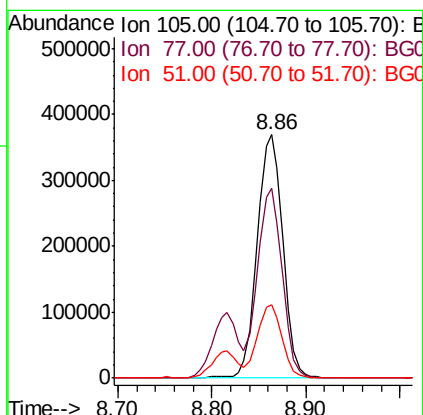
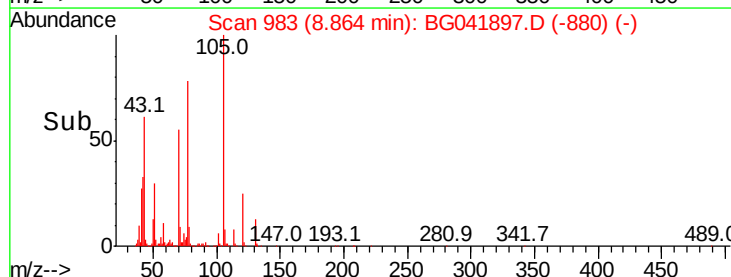
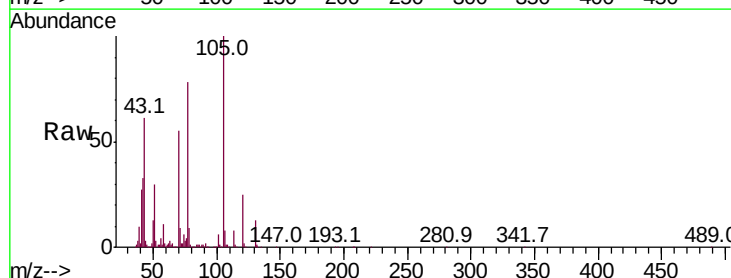
Tgt Ion:105 Resp: 697195

Ion Ratio Lower Upper

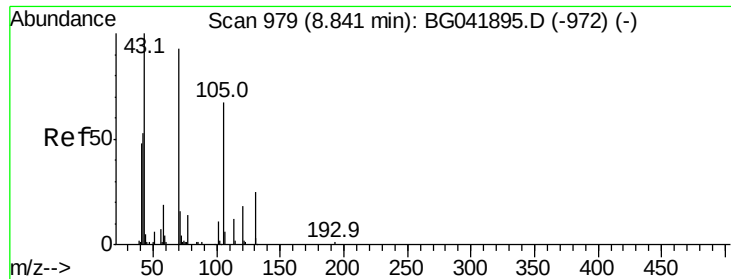
105 100

77 78.2 60.0 90.0

51 30.3 22.1 33.1







#15

N-Nitroso-di-n-propylamine

Concen: 80.733 ng/ul

RT: 8.86 min Scan# 983

Delta R.T. 0.02 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 70 Resp: 370393

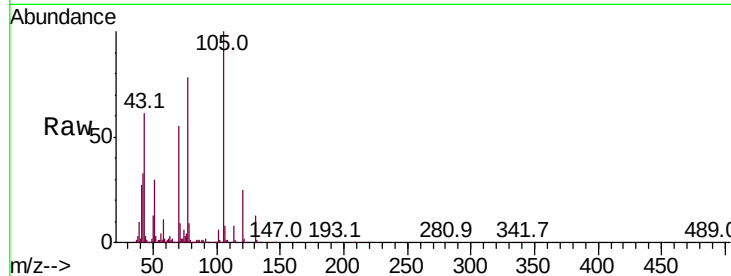
Ion Ratio Lower Upper

70 100

42 60.7 46.4 69.6

101 11.1 9.7 14.5

130 24.2 21.1 31.7



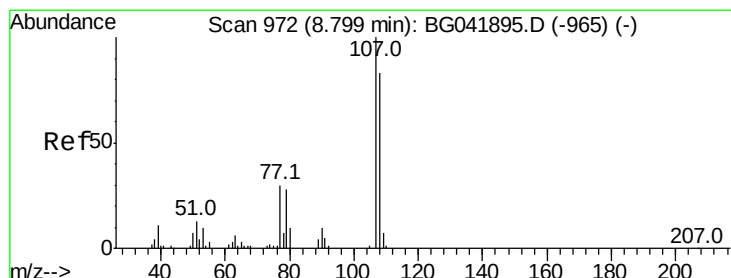
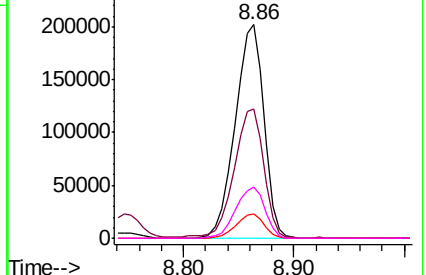
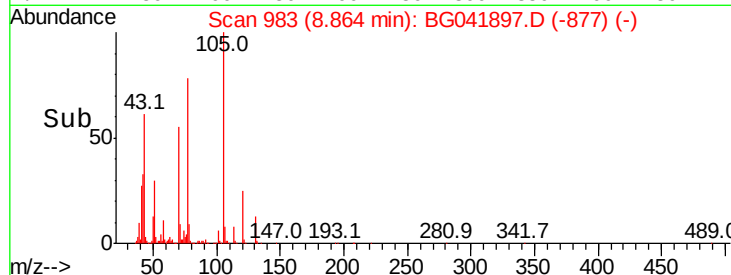
Abundance Ion 70.00 (69.70 to 70.70): BG041897.D (-972) (-)

Ion 42.00 (41.70 to 42.70): BG041897.D (-972) (-)

Ion 101.00 (100.70 to 101.70): BG041897.D (-972) (-)

Ion 130.00 (129.70 to 130.70): BG041897.D (-972) (-)

Time-->



#16

4-Methylphenol

Concen: 82.925 ng/ul

RT: 8.82 min Scan# 975

Delta R.T. 0.02 min

Lab File: BG041897.D

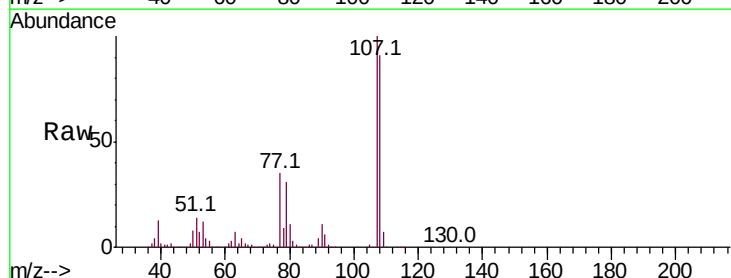
Acq: 2 Aug 2019 21:41

Tgt Ion: 108 Resp: 490770

Ion Ratio Lower Upper

108 100

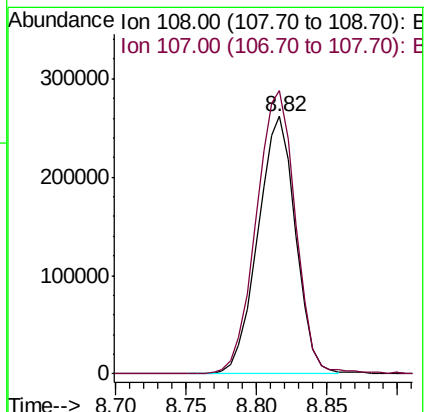
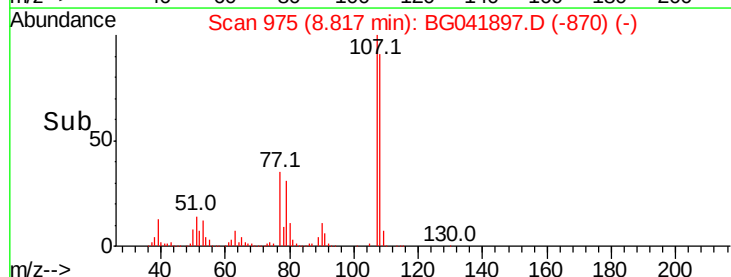
107 110.0 96.2 144.2



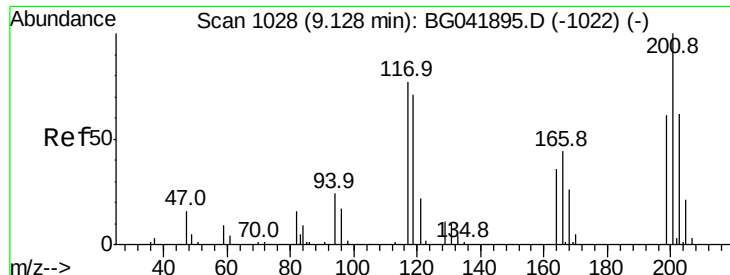
Abundance Ion 108.00 (107.70 to 108.70): BG041897.D (-870) (-)

Ion 107.00 (106.70 to 107.70): BG041897.D (-870) (-)

Time-->



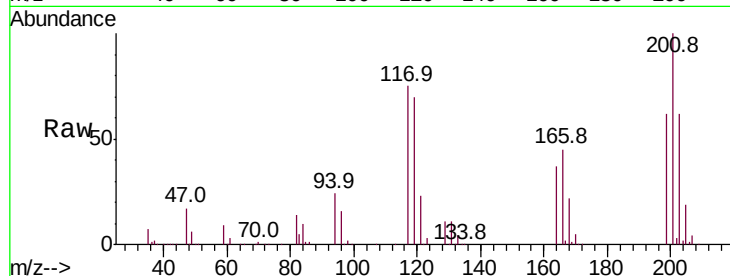




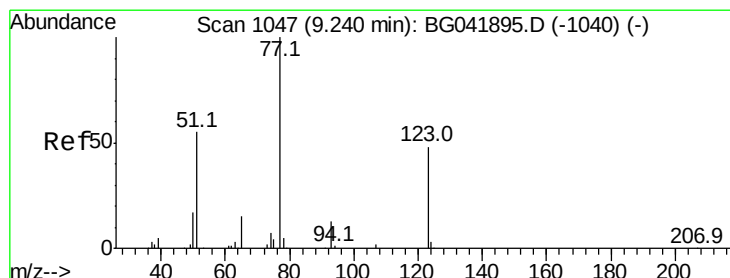
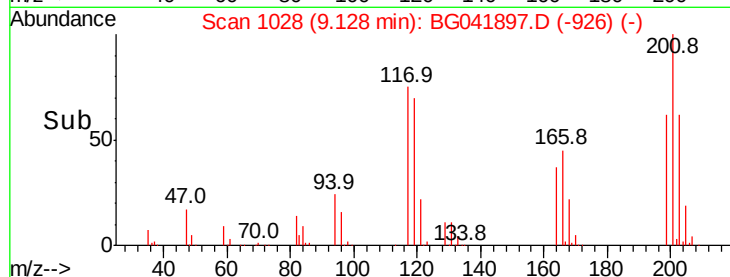
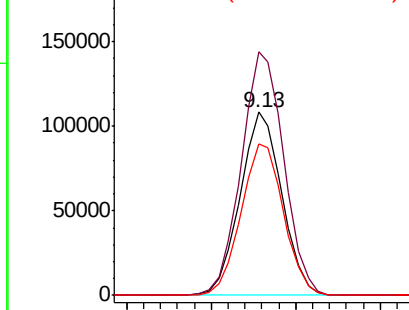
#17  
 Hexachloroethane  
 Concen: 77.665 ng/ul  
 RT: 9.13 min Scan# 1028  
 Delta R.T. -0.00 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

Instrument :  
 BNA\_G  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 117   | Resp: | 185655 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 201      | 133.1 | 103.4 | 155.2  |
| 199      | 82.6  | 62.9  | 94.3   |

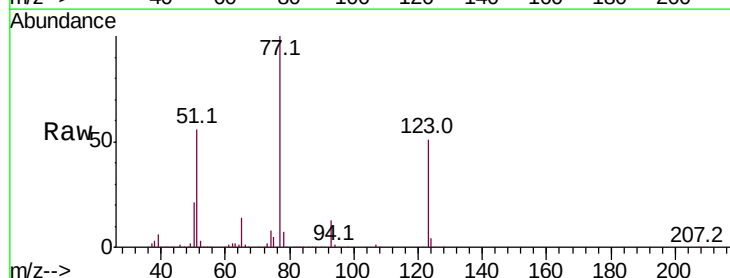


Abundance Ion 117.00 (116.70 to 117.70): E  
 Ion 201.00 (200.70 to 201.70): E  
 Ion 199.00 (198.70 to 199.70): E

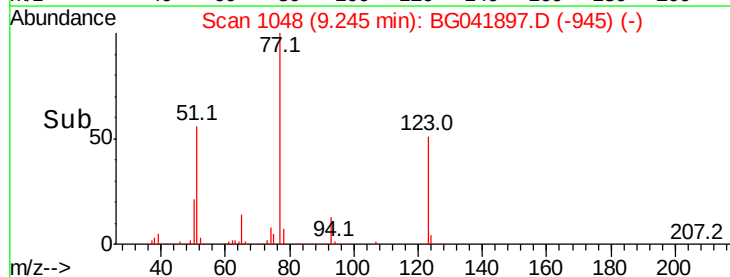
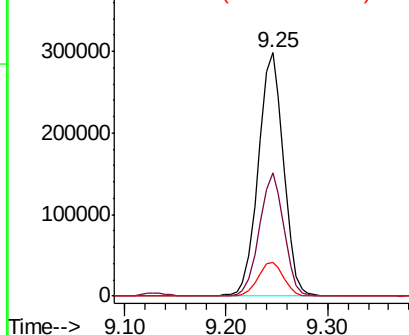


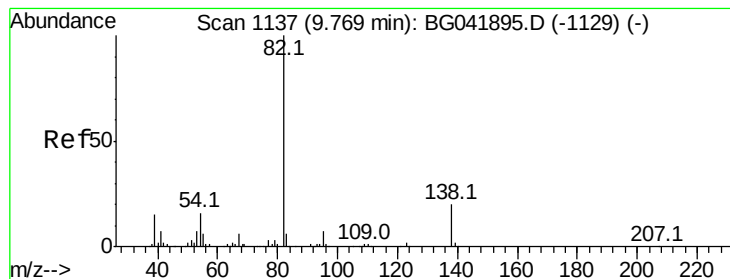
#20  
 Nitrobenzene  
 Concen: 75.692 ng/ul  
 RT: 9.25 min Scan# 1048  
 Delta R.T. 0.01 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 514907 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 50.7  | 38.3  | 57.5   |
| 65       | 13.9  | 11.6  | 17.4   |



Abundance Ion 77.00 (76.70 to 77.70): BGC  
 Ion 123.00 (122.70 to 123.70): E  
 Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 79.123 ng/ul

RT: 9.78 min Scan# 1139

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

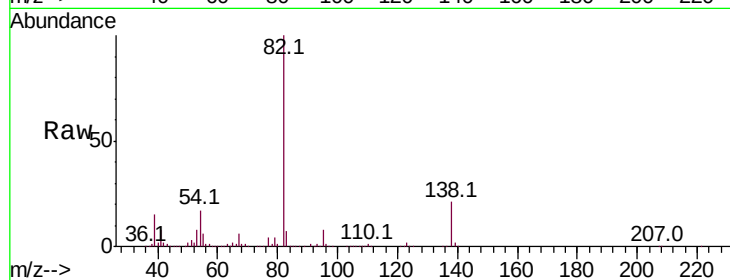
Tot Ion: 82 Resp: 1017204

Ion Ratio Lower Upper

82 100

95 8.2 5.6 8.4

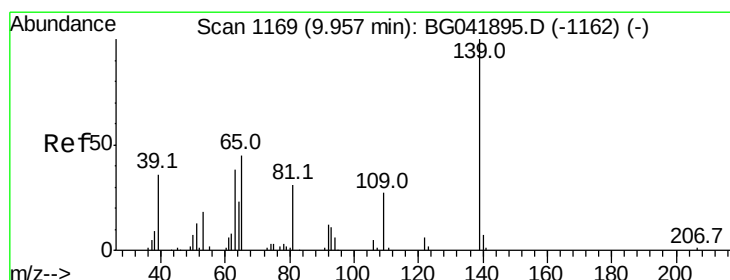
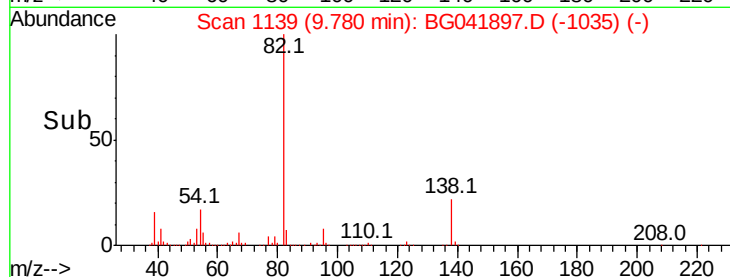
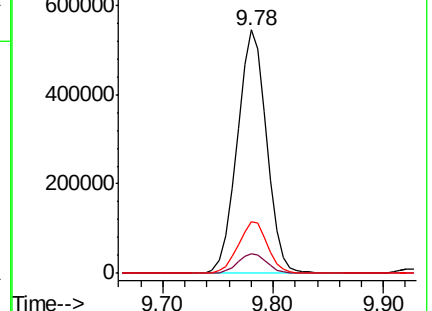
138 21.4 15.8 23.8



Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#23

2-Nitrophenol

Concen: 86.928 ng/ul

RT: 9.96 min Scan# 1170

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

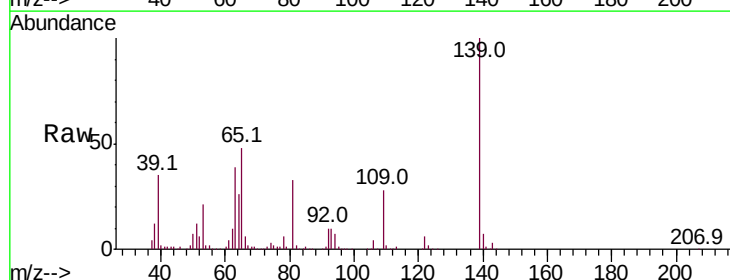
Tgt Ion: 139 Resp: 298626

Ion Ratio Lower Upper

139 100

65 47.6 38.6 57.8

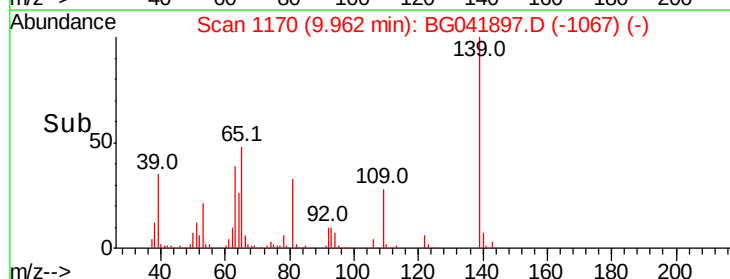
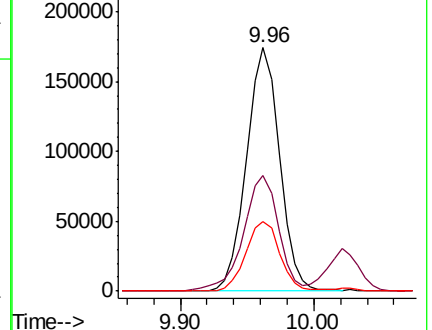
109 28.3 21.9 32.9

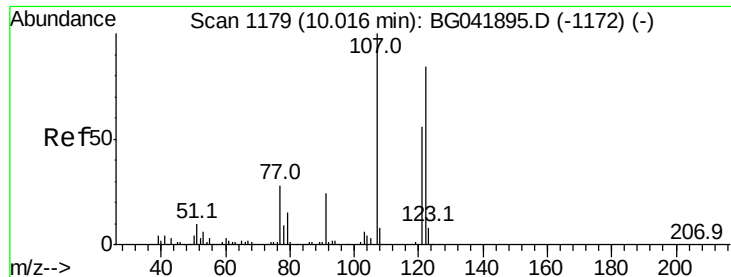


Abundance Ion 139.00 (138.70 to 139.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 109.00 (108.70 to 109.70): BGC

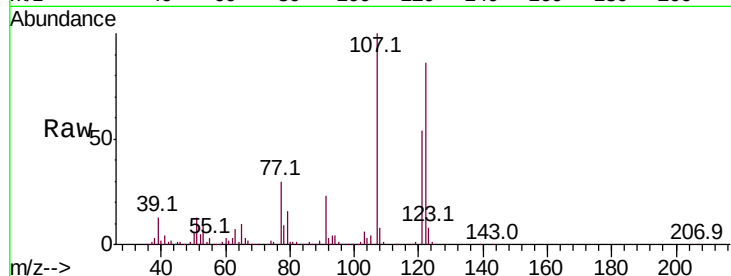




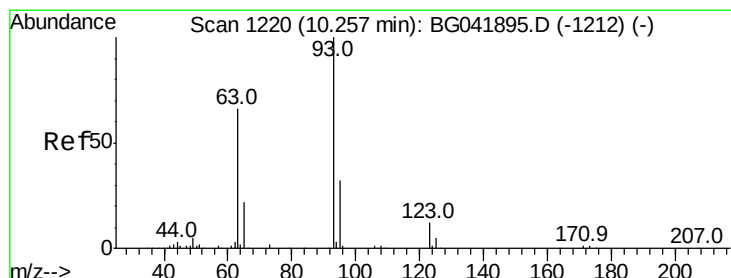
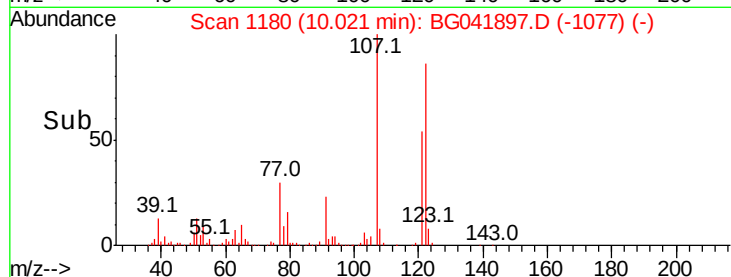
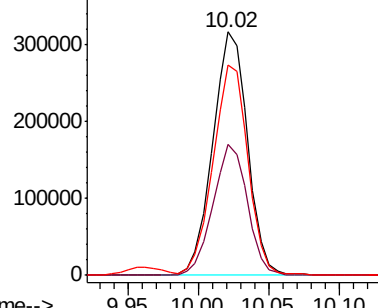
#24  
 2,4-Dimethylphenol  
 Concen: 78.203 ng/ul  
 RT: 10.02 min Scan# 1180  
 Delta R.T. 0.01 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:107 Resp: 546646  
 Ion Ratio Lower Upper  
 107 100  
 121 53.6 45.0 67.6  
 122 86.1 68.1 102.1

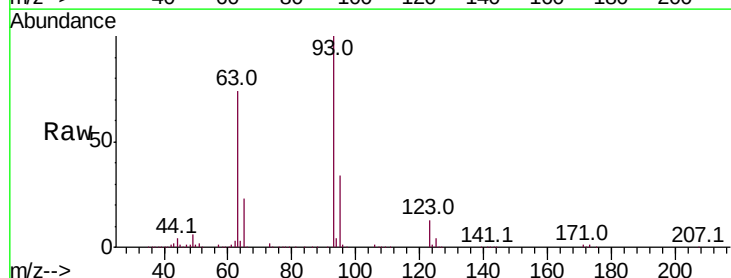


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E  
 Ion 122.00 (121.70 to 122.70): E

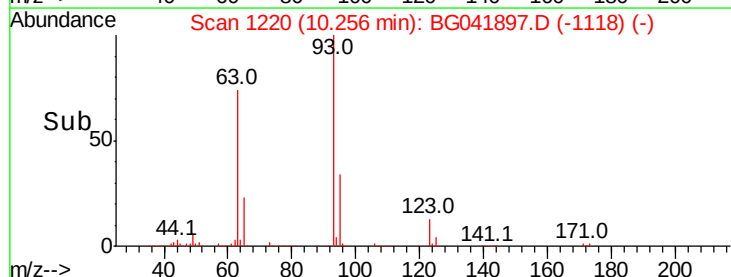
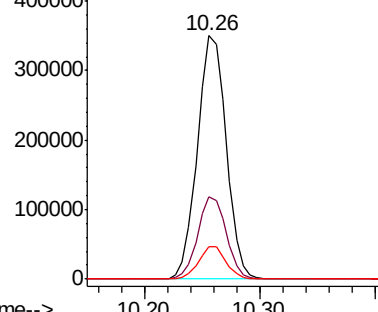


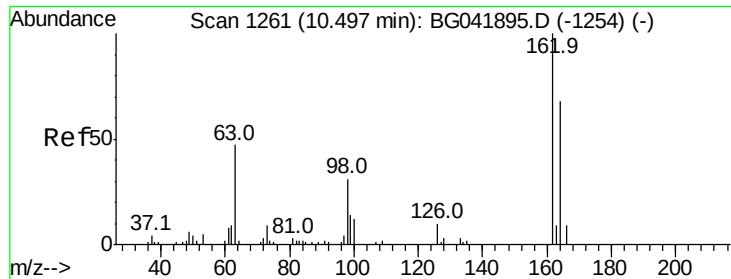
#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 76.400 ng/ul  
 RT: 10.26 min Scan# 1220  
 Delta R.T. -0.00 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

Tgt Ion: 93 Resp: 606001  
 Ion Ratio Lower Upper  
 93 100  
 95 33.7 25.4 38.0  
 123 13.3 9.6 14.4



Abundance Ion 93.00 (92.70 to 93.70): BGC  
 Ion 95.00 (94.70 to 95.70): BGC  
 Ion 123.00 (122.70 to 123.70): E

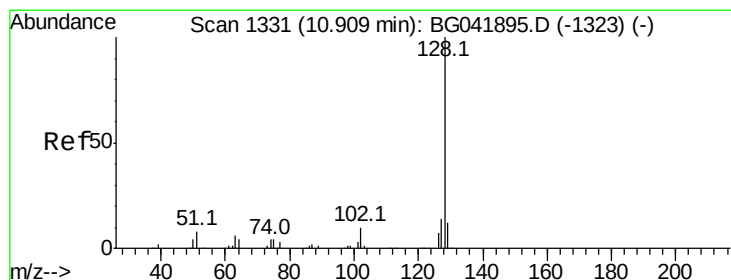
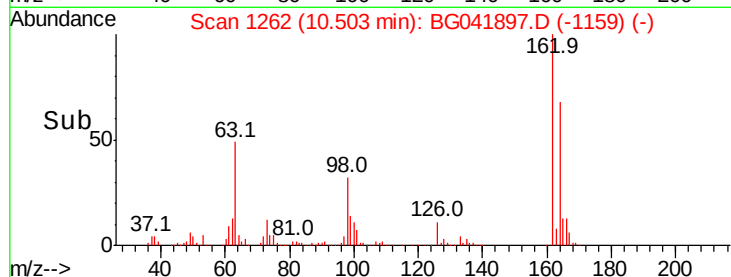
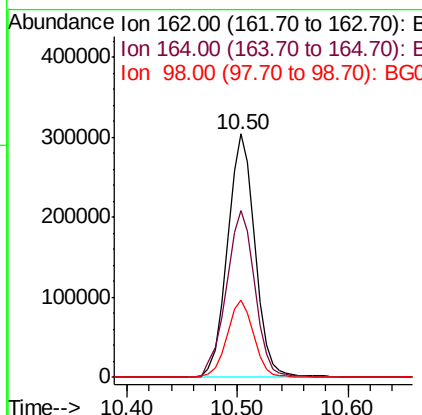
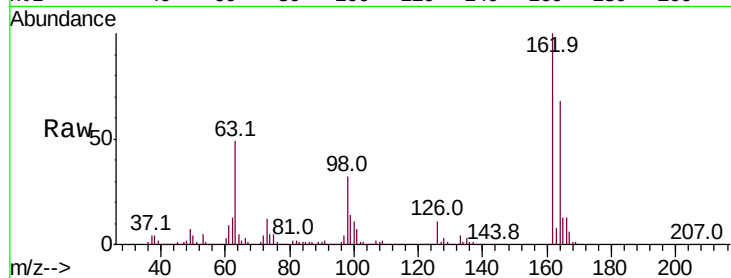




#27  
 2,4-Dichlorophenol  
 Concen: 83.618 ng/ul  
 RT: 10.50 min Scan# 1262  
 Delta R.T. 0.01 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

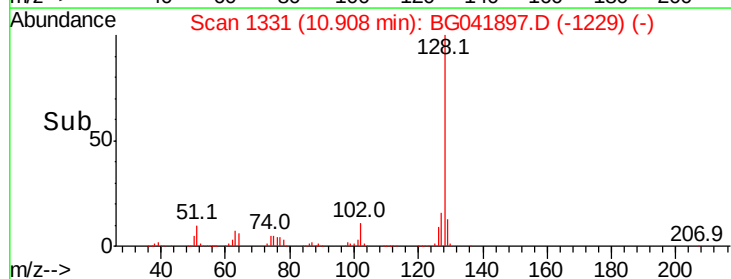
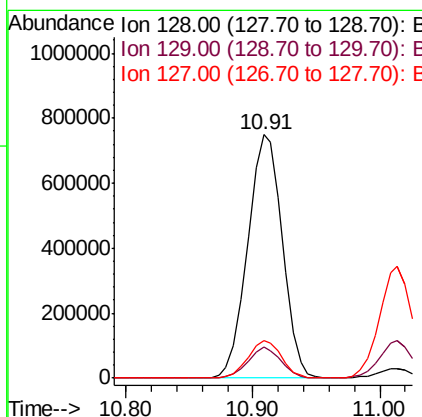
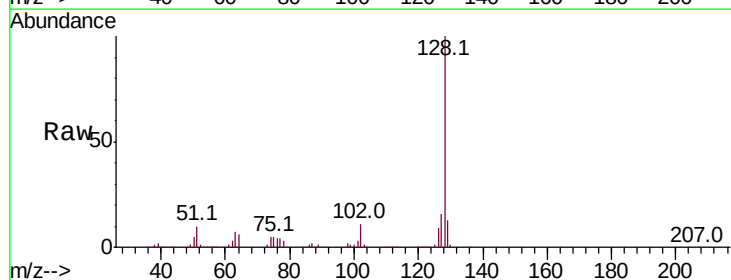
Instrument :  
 BNA\_G  
 ClientSampleId :

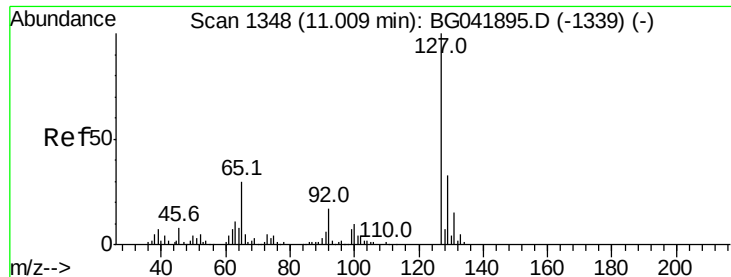
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 68.4  | 54.6  | 82.0  |
| 98      | 31.8  | 24.6  | 36.8  |



#28  
 Naphthalene  
 Concen: 73.120 ng/ul  
 RT: 10.91 min Scan# 1331  
 Delta R.T. -0.00 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 12.6  | 9.5   | 14.3  |
| 127     | 15.7  | 11.4  | 17.0  |

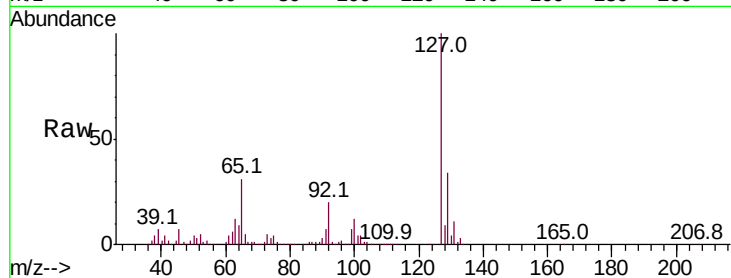




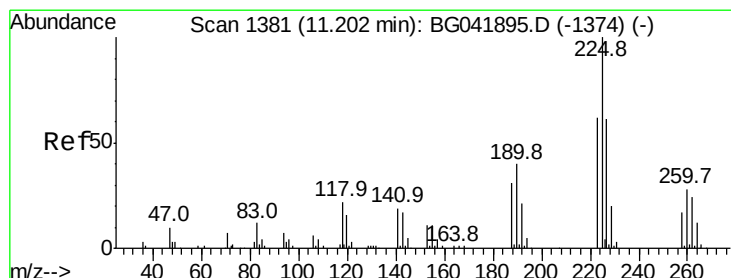
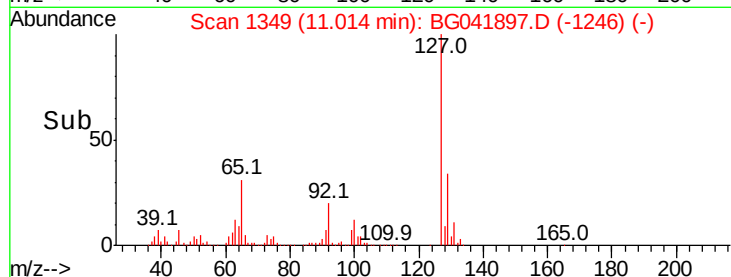
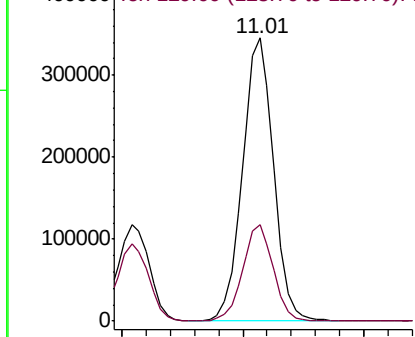
#30  
4-Chloroaniline  
Concen: 88.709 ng/ul  
RT: 11.01 min Scan# 1349  
Delta R.T. 0.01 min  
Lab File: BG041897.D  
Acq: 2 Aug 2019 21:41

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:127 Resp: 614762  
Ion Ratio Lower Upper  
127 100  
129 33.9 26.5 39.7

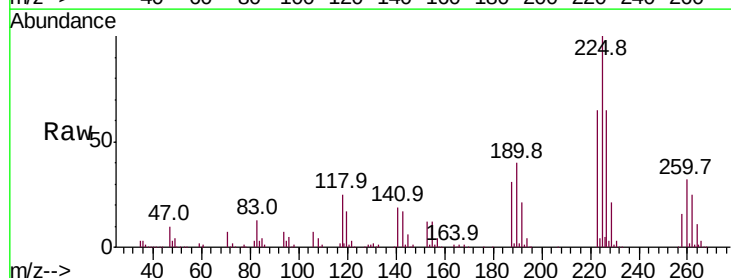


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E

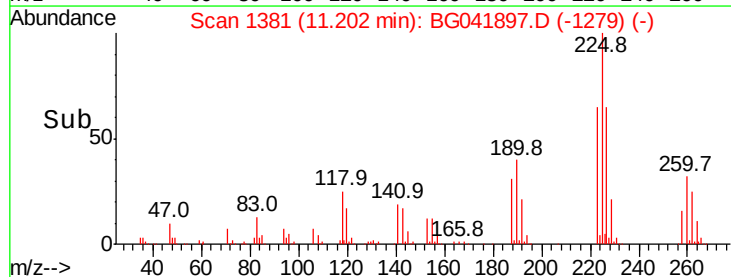
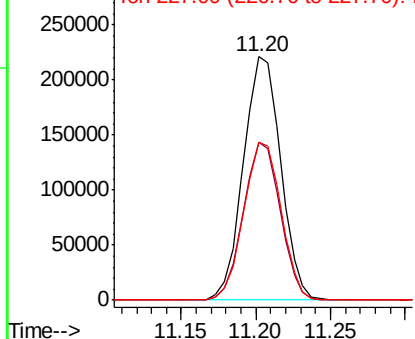


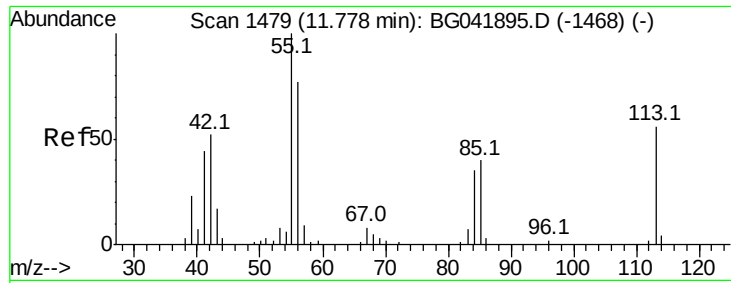
#31  
Hexachlorobutadiene  
Concen: 85.354 ng/ul  
RT: 11.20 min Scan# 1381  
Delta R.T. -0.00 min  
Lab File: BG041897.D  
Acq: 2 Aug 2019 21:41

Tgt Ion:225 Resp: 382996  
Ion Ratio Lower Upper  
225 100  
223 64.7 49.7 74.5  
227 65.0 50.7 76.1



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





#32

Caprolactam

Concen: 53.923 ng/ul

RT: 11.80 min Scan# 1482

Delta R.T. 0.02 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

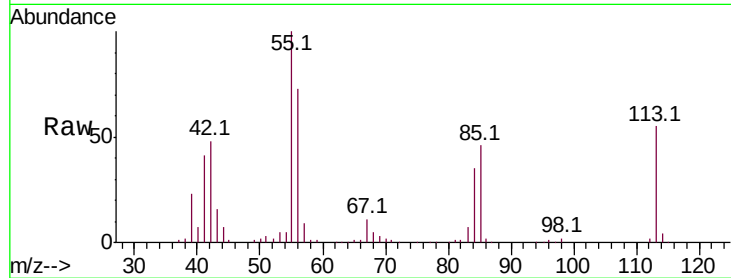
Tot Ion:113 Resp: 98551

Ion Ratio Lower Upper

113 100

55 180.4 142.4 213.6

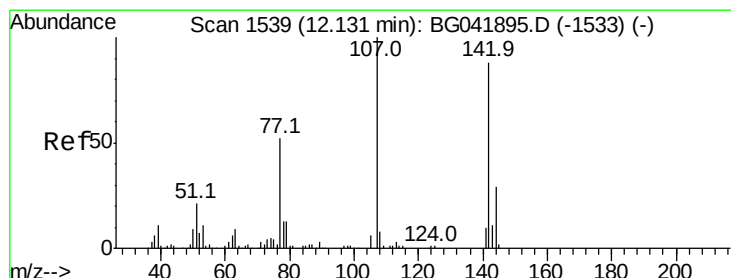
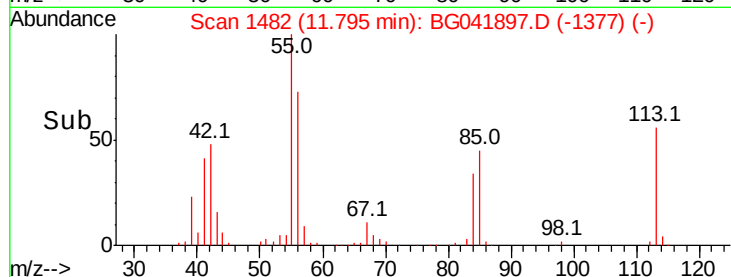
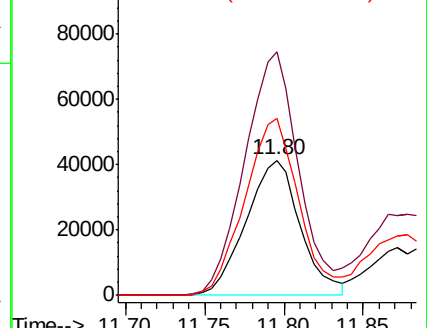
56 131.6 109.4 164.2



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#33

4-Chloro-3-methylphenol

Concen: 83.356 ng/ul

RT: 12.14 min Scan# 1541

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

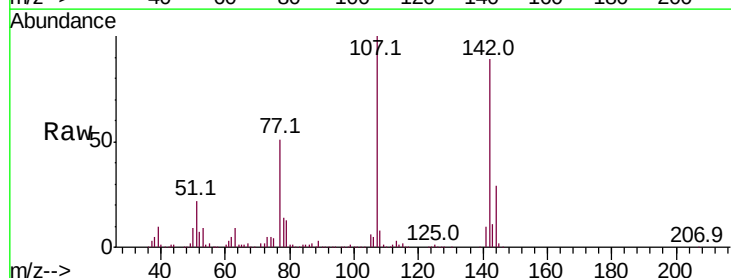
Tgt Ion:107 Resp: 530639

Ion Ratio Lower Upper

107 100

144 29.2 23.0 34.6

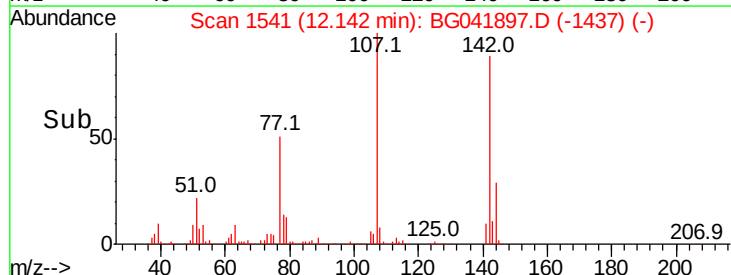
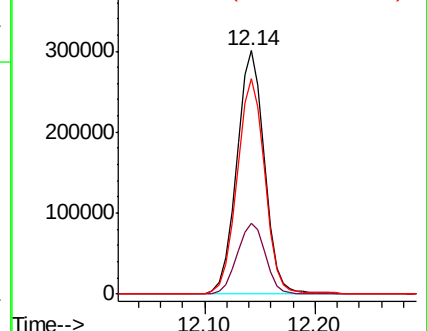
142 88.7 71.0 106.6

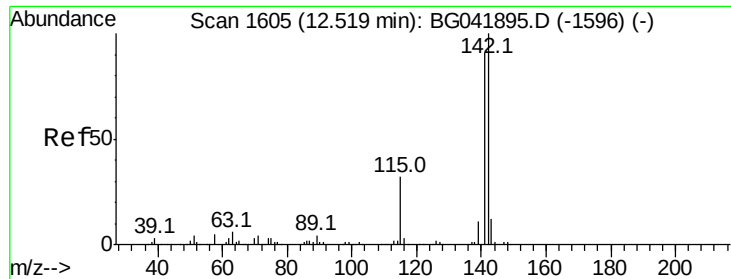


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

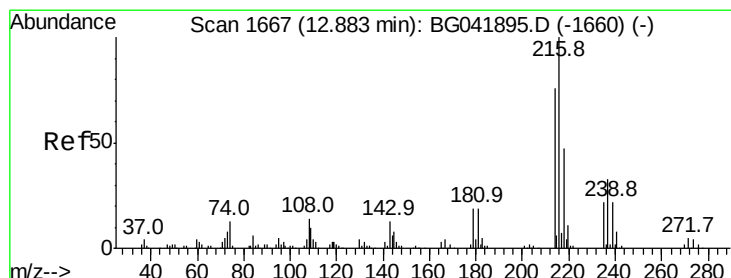
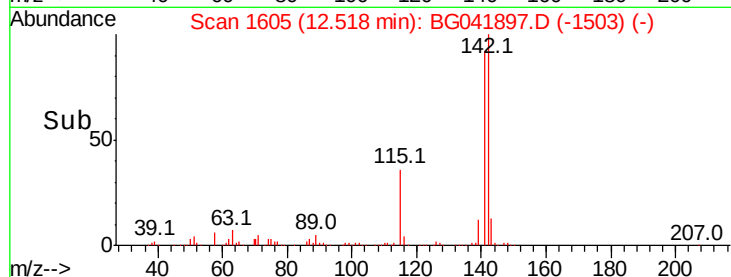
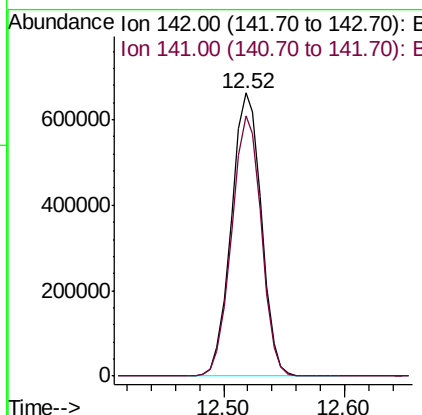
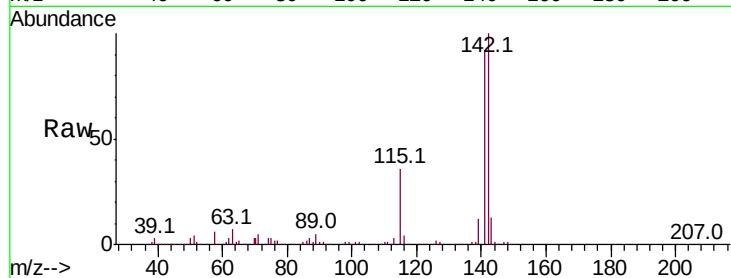




#34  
2-Methylnaphthalene  
Concen: 76.678 ng/ul  
RT: 12.52 min Scan# 1605  
Delta R.T. -0.00 min  
Lab File: BG041897.D  
Acq: 2 Aug 2019 21:41

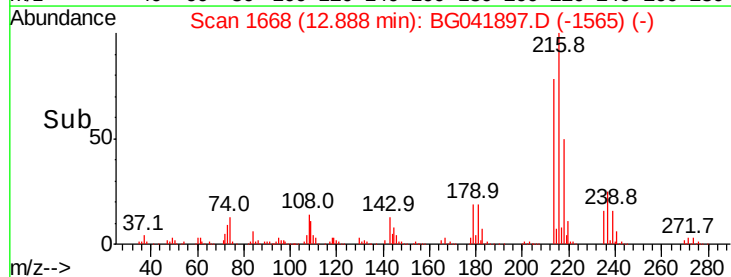
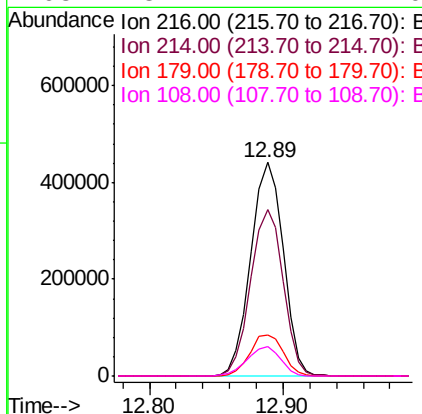
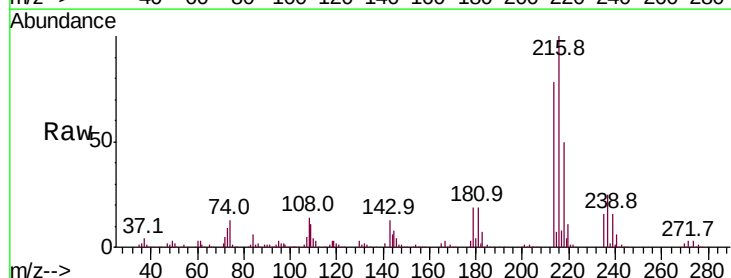
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:142 Resp: 1145252  
Ion Ratio Lower Upper  
142 100  
141 92.1 72.9 109.3

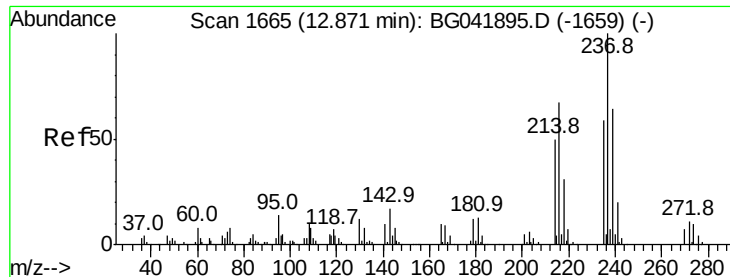


#36  
1,2,4,5-Tetrachlorobenzene  
Concen: 74.069 ng/ul  
RT: 12.89 min Scan# 1668  
Delta R.T. 0.01 min  
Lab File: BG041897.D  
Acq: 2 Aug 2019 21:41

Tgt Ion:216 Resp: 743873  
Ion Ratio Lower Upper  
216 100  
214 78.1 60.9 91.3  
179 19.5 15.4 23.2  
108 13.7 11.4 17.0







#37

Hexachlorocyclopentadiene

Concen: 86.137 ng/ul

RT: 12.87 min Scan# 1665

Delta R.T. -0.00 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

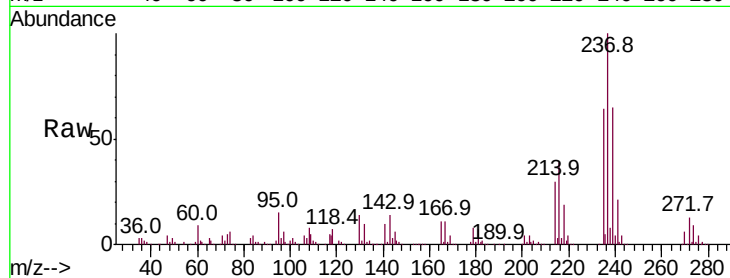
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:237 Resp: 520598

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 237 | 100   |       |       |
| 235 | 64.1  | 47.0  | 70.6  |
| 272 | 12.6  | 8.8   | 13.2  |

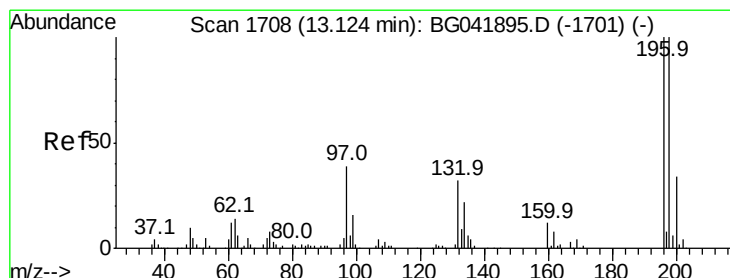
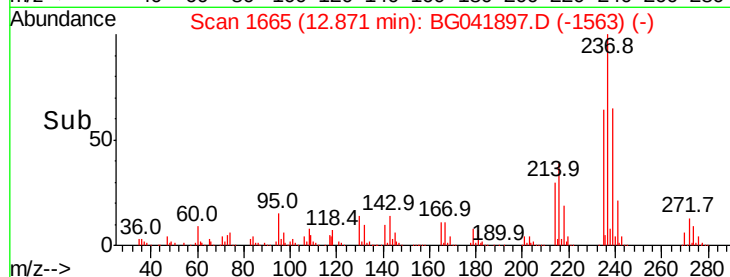
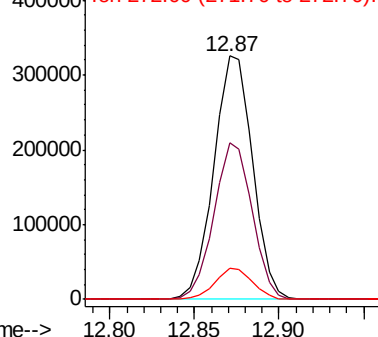


Abundance

Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 82.839 ng/ul

RT: 13.12 min Scan# 1708

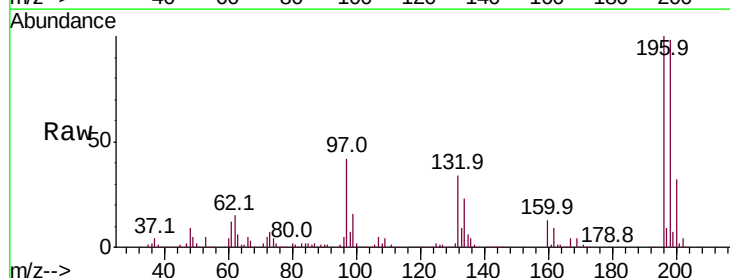
Delta R.T. -0.00 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Tgt Ion:196 Resp: 511007

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100   |       |       |
| 198 | 97.6  | 80.0  | 120.0 |
| 200 | 32.2  | 26.9  | 40.3  |

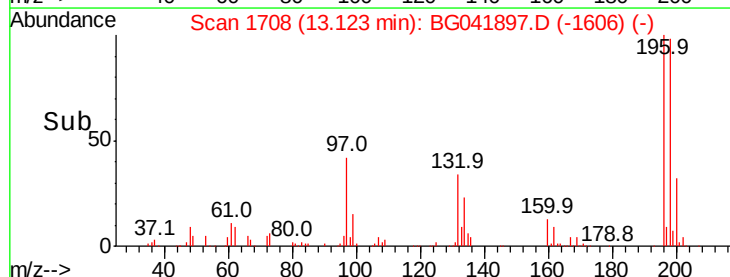
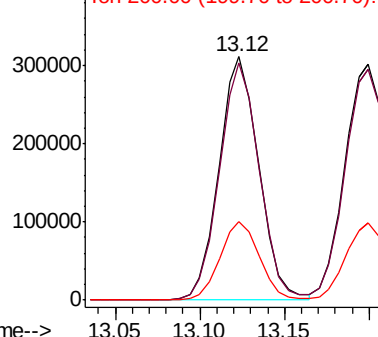


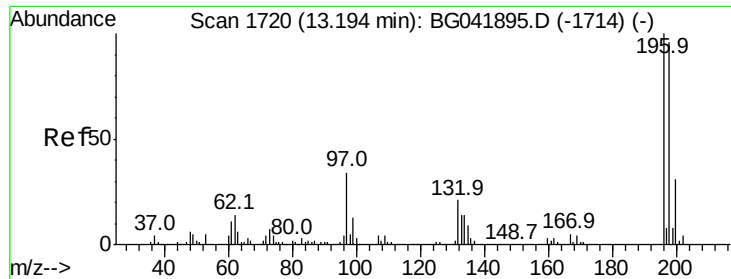
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

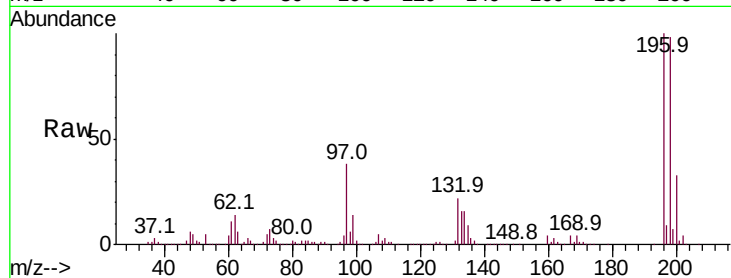




#39  
 2,4,5-Trichlorophenol  
 Concen: 83.297 ng/ul  
 RT: 13.20 min Scan# 1721  
 Delta R.T. 0.01 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.8  | 76.8  | 115.2 |
| 200     | 32.8  | 24.9  | 37.3  |

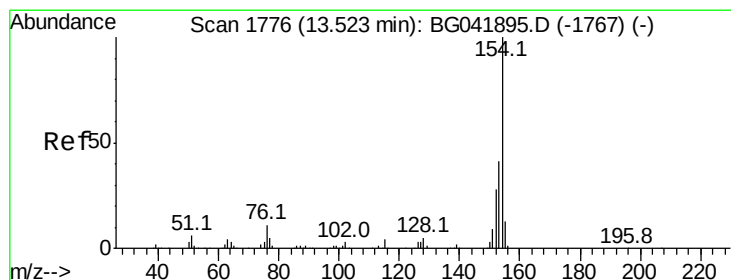
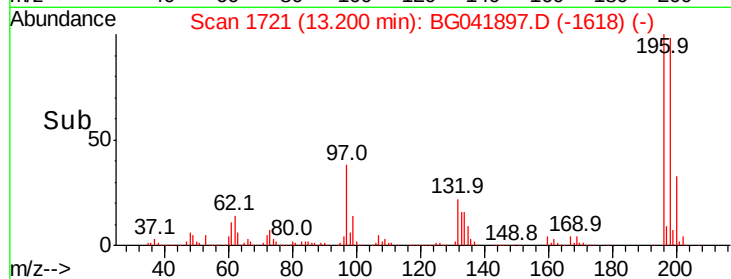
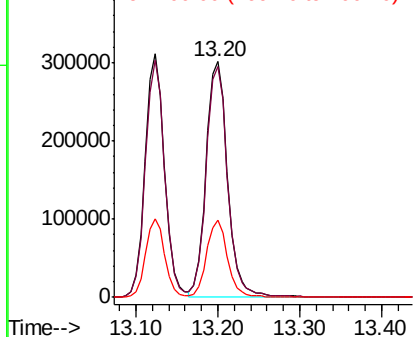


Abundance

Ion 196.00 (195.70 to 196.70): E

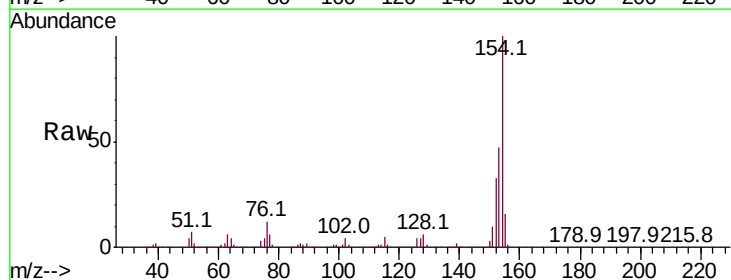
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#40  
 1,1'-Biphenyl  
 Concen: 63.110 ng/ul  
 RT: 13.53 min Scan# 1777  
 Delta R.T. 0.01 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 47.5  | 32.6  | 48.8  |
| 76      | 12.5  | 8.6   | 13.0  |

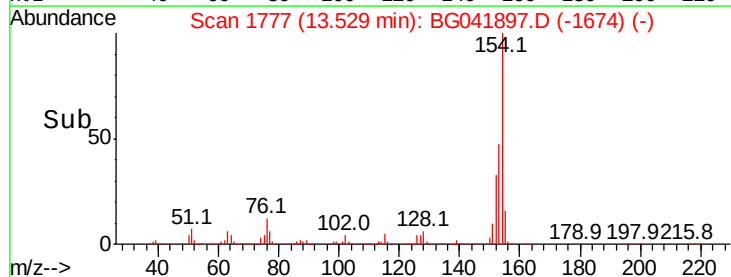
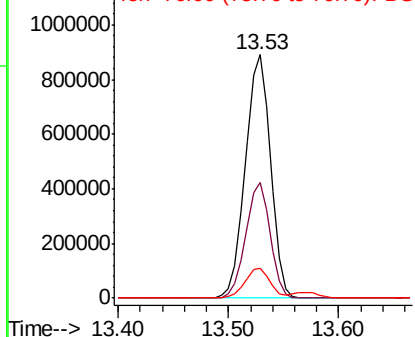


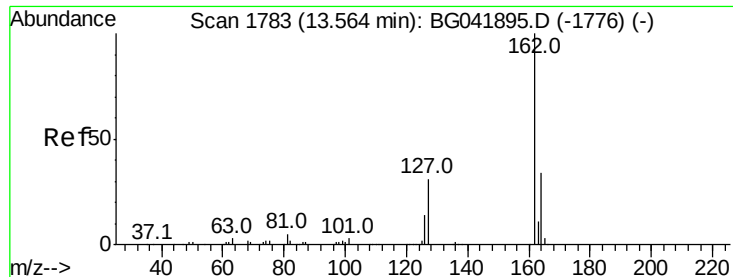
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

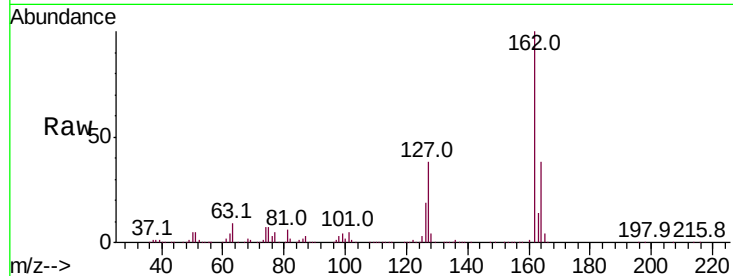




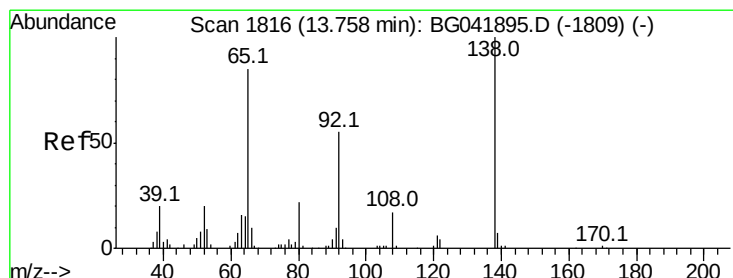
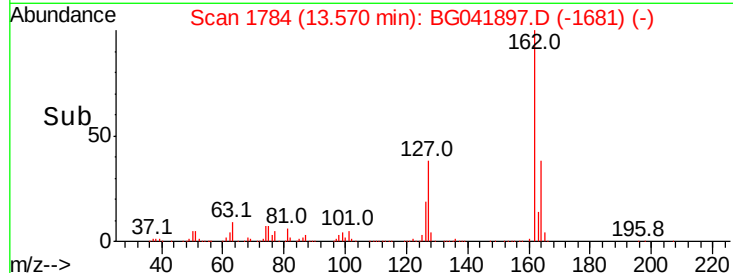
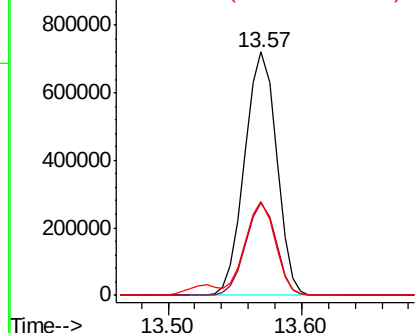
#41  
2-Chloronaphthalene  
Concen: 66.680 ng/ul  
RT: 13.57 min Scan# 1784  
Delta R.T. 0.01 min  
Lab File: BG041897.D  
Acq: 2 Aug 2019 21:41

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:162 Resp: 1195303  
Ion Ratio Lower Upper  
162 100  
164 37.9 26.9 40.3  
127 38.3 27.8 41.8

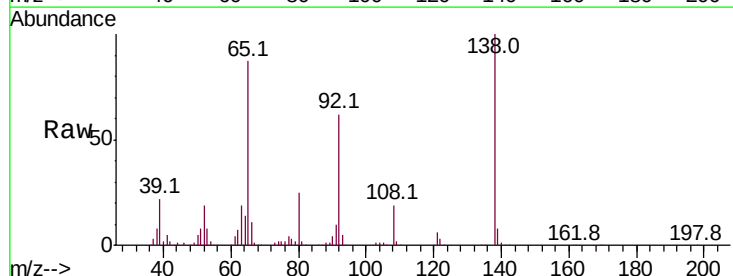


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 127.00 (126.70 to 127.70): E

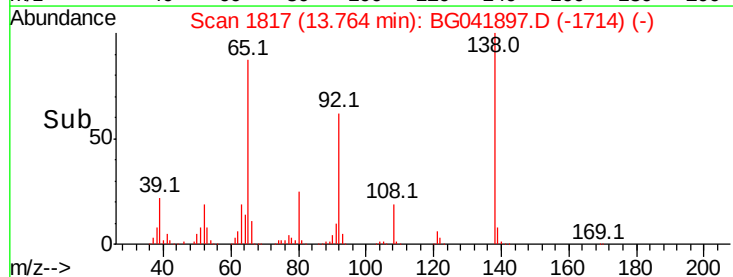
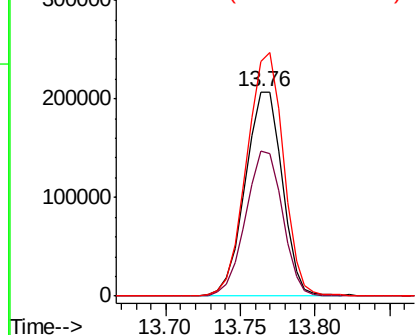


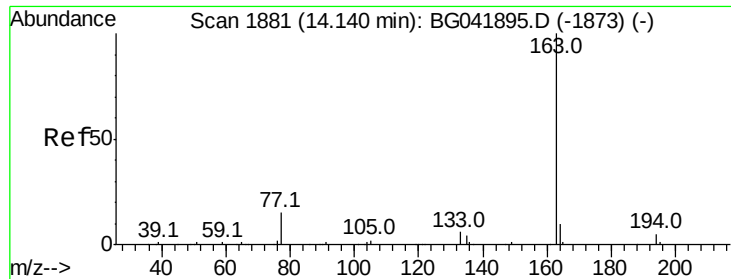
#42  
2-Nitroaniline  
Concen: 81.519 ng/ul  
RT: 13.76 min Scan# 1817  
Delta R.T. 0.01 min  
Lab File: BG041897.D  
Acq: 2 Aug 2019 21:41

Tgt Ion: 65 Resp: 356625  
Ion Ratio Lower Upper  
65 100  
92 70.8 51.6 77.4  
138 114.6 94.1 141.1



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





#44

Dimethylphthalate

Concen: 66.180 ng/ul

RT: 14.15 min Scan# 1882

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

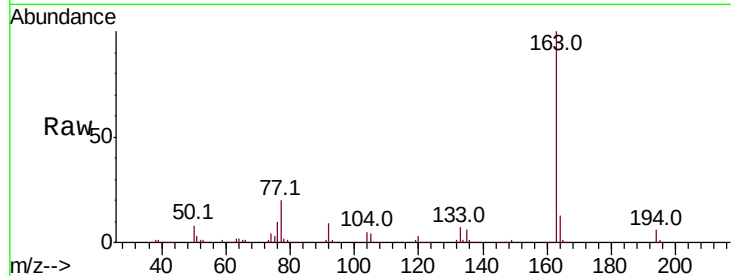
Tot Ion:163 Resp: 1505317

Ion Ratio Lower Upper

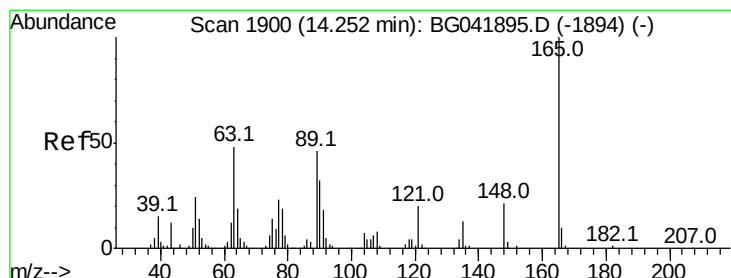
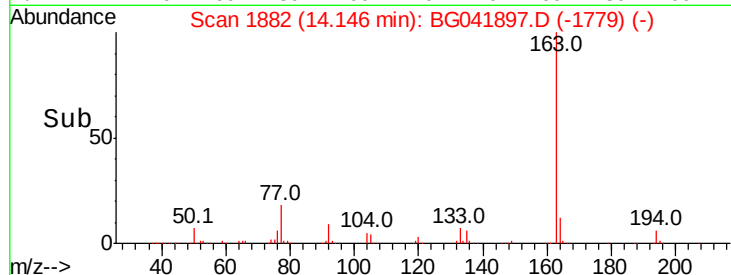
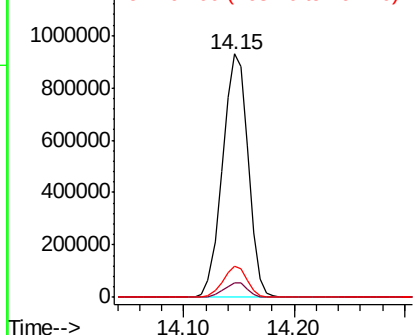
163 100

194 6.0 4.2 6.2

164 12.8 7.8 11.8#



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



#45

2,6-Dinitrotoluene

Concen: 87.033 ng/ul

RT: 14.26 min Scan# 1902

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

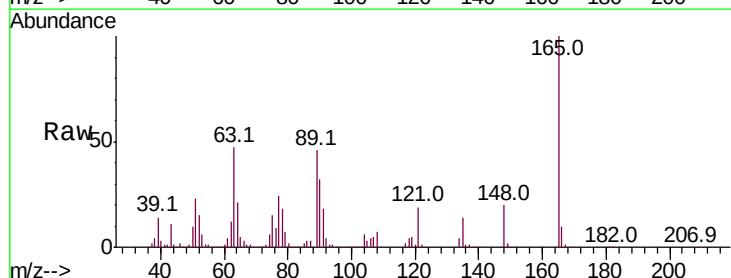
Tgt Ion:165 Resp: 384837

Ion Ratio Lower Upper

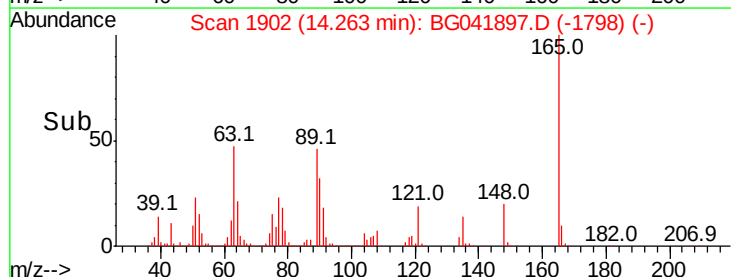
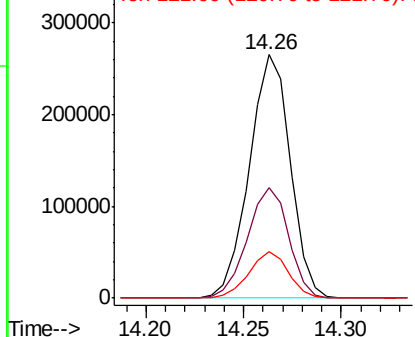
165 100

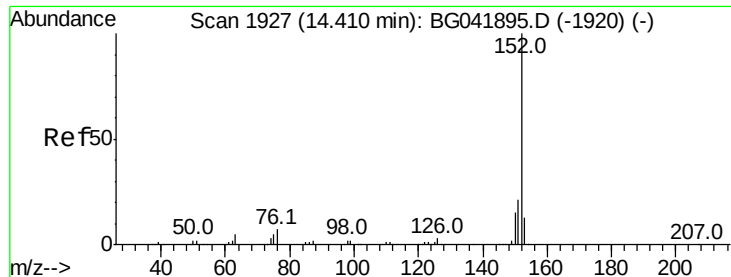
89 45.6 36.8 55.2

121 18.9 15.6 23.4



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 89.00 (88.70 to 89.70): BG  
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 65.247 ng/ul

RT: 14.42 min Scan# 1928

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

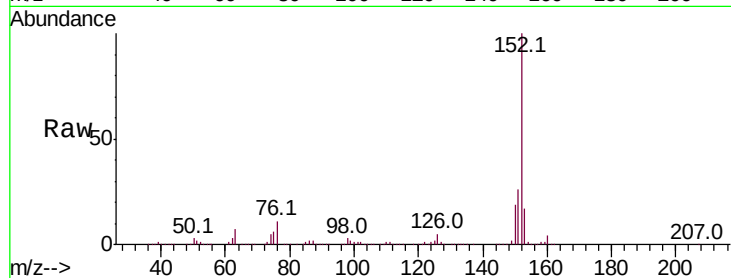
Tot Ion:152 Resp: 1712631

Ion Ratio Lower Upper

152 100

151 25.9 16.8 25.2#

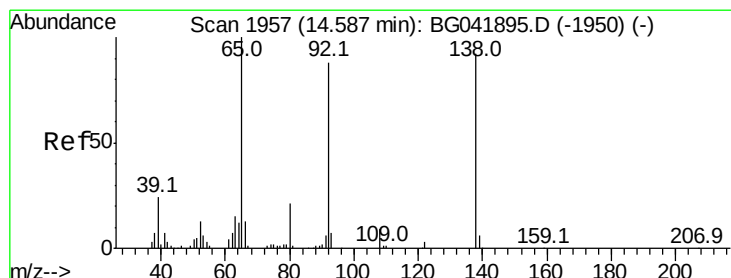
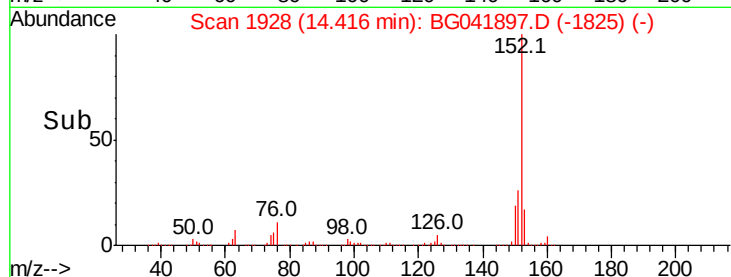
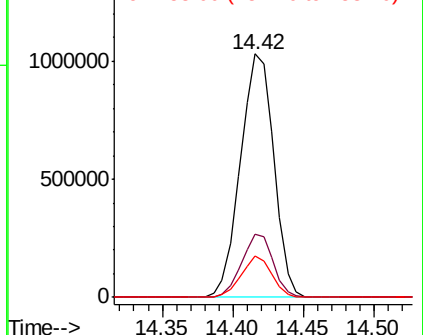
153 16.9 10.3 15.5#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 81.981 ng/ul

RT: 14.59 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

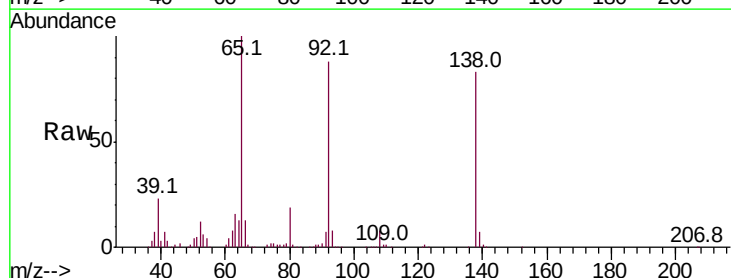
Tgt Ion:138 Resp: 311149

Ion Ratio Lower Upper

138 100

108 10.1 7.6 11.4

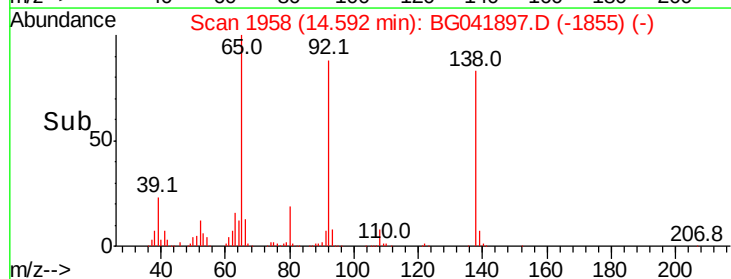
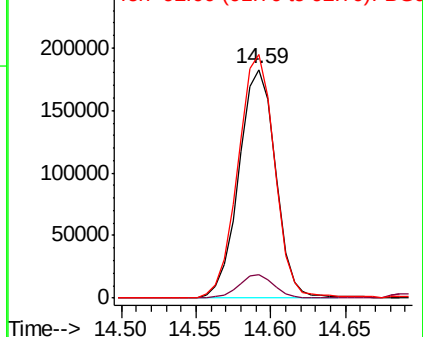
92 106.5 76.4 114.6

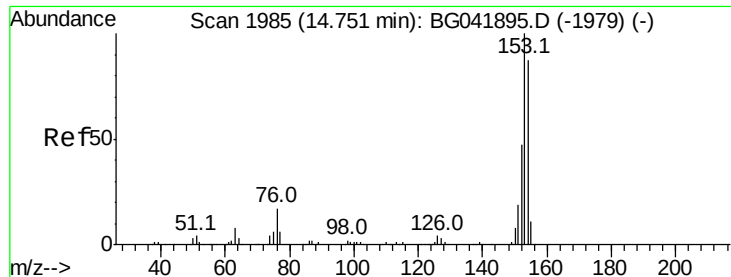


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG





#49

Acenaphthene

Concen: 66.478 ng/ul

RT: 14.76 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

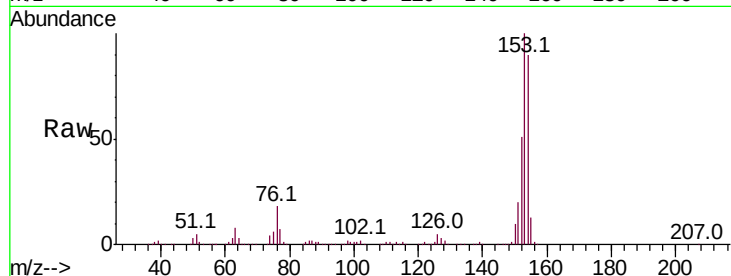
Tot Ion:153 Resp: 1266862

Ion Ratio Lower Upper

153 100

152 51.2 37.8 56.8

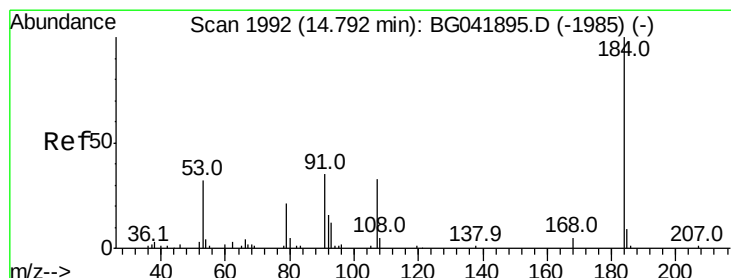
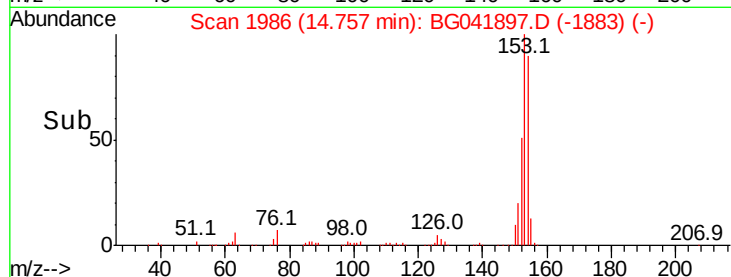
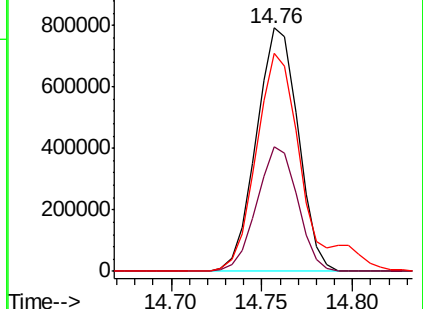
154 89.6 69.4 104.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 114.468 ng/ul

RT: 14.79 min Scan# 1992

Delta R.T. -0.00 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

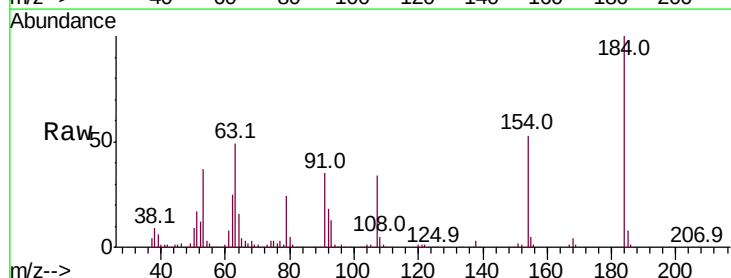
Tgt Ion:184 Resp: 256728

Ion Ratio Lower Upper

184 100

63 48.7 32.6 49.0

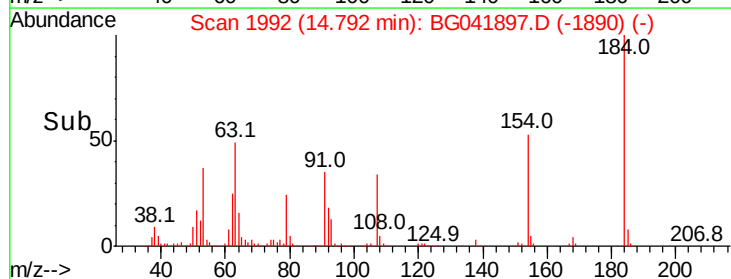
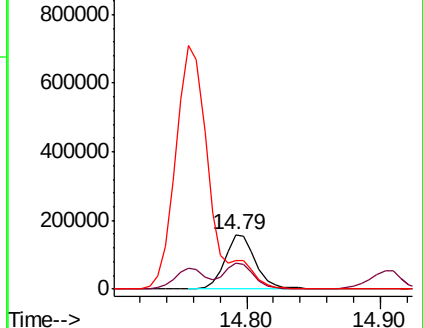
154 52.7 41.8 62.6

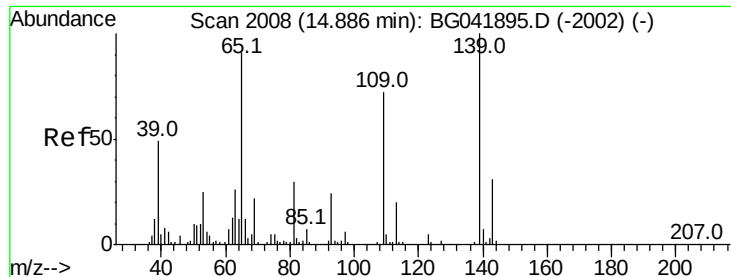


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 77.133 ng/ul

RT: 14.90 min Scan# 2011

Delta R.T. 0.02 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

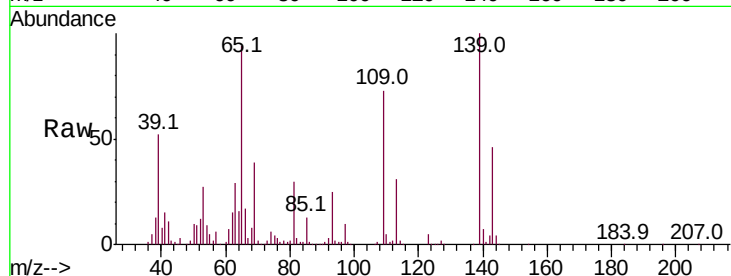
Tot Ion:109 Resp: 227899

Ion Ratio Lower Upper

109 100

139 136.3 111.8 167.6

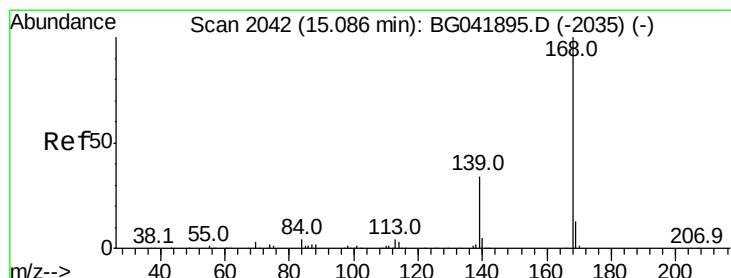
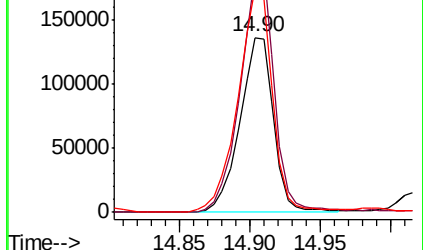
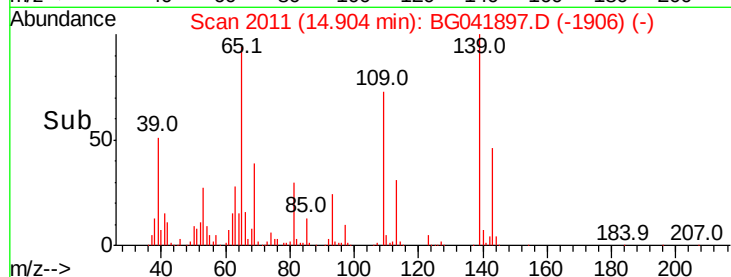
65 128.2 103.6 155.4



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BGC



#53

Dibenzofuran

Concen: 64.222 ng/ul

RT: 15.10 min Scan# 2044

Delta R.T. 0.01 min

Lab File: BG041897.D

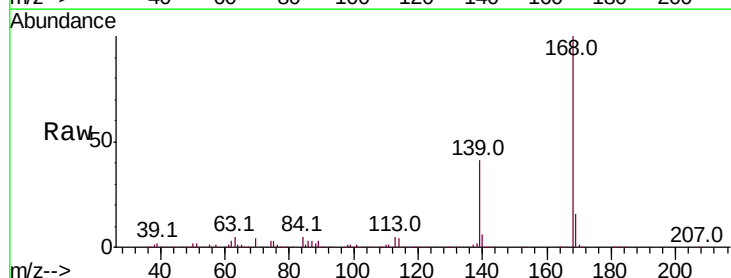
Acq: 2 Aug 2019 21:41

Tgt Ion:168 Resp: 1765474

Ion Ratio Lower Upper

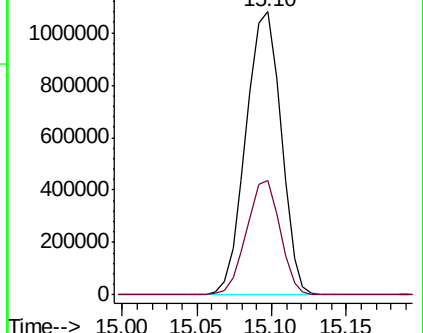
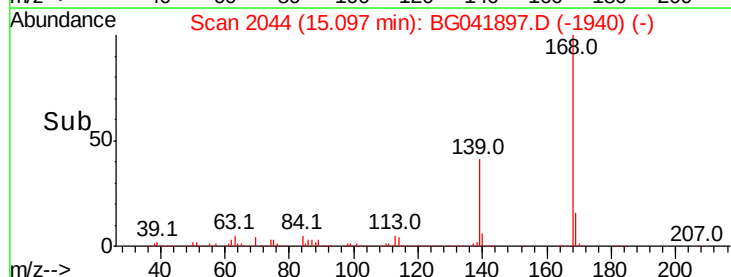
168 100

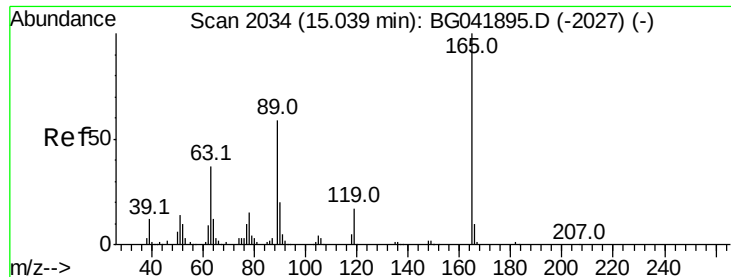
139 40.6 27.3 40.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

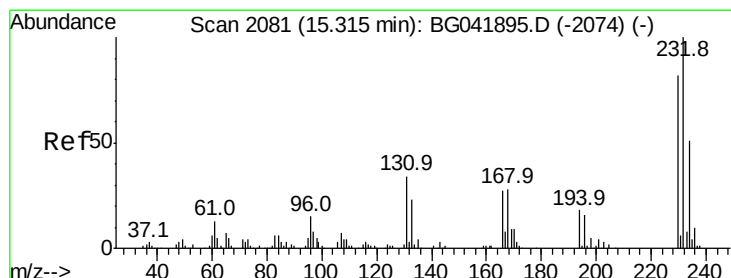
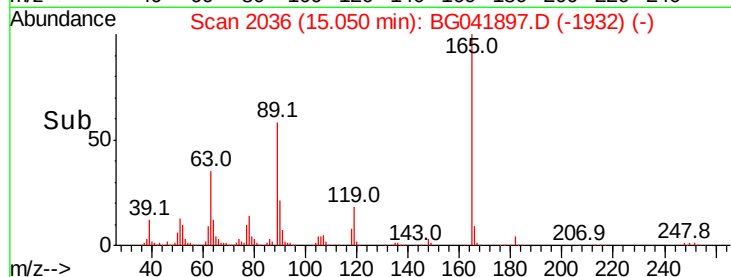
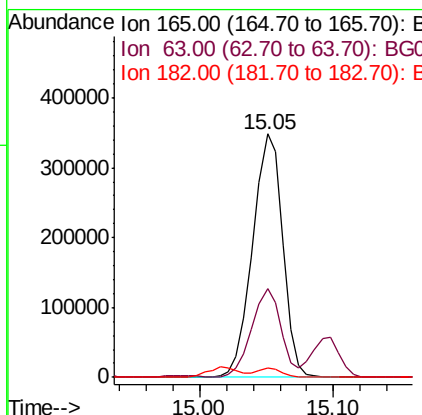
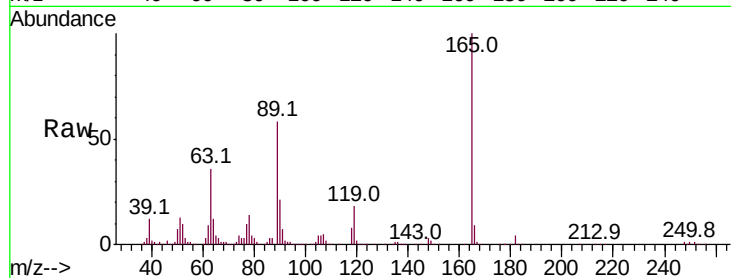




#54  
 2,4-Dinitrotoluene  
 Concen: 84.261 ng/ul  
 RT: 15.05 min Scan# 2036  
 Delta R.T. 0.01 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

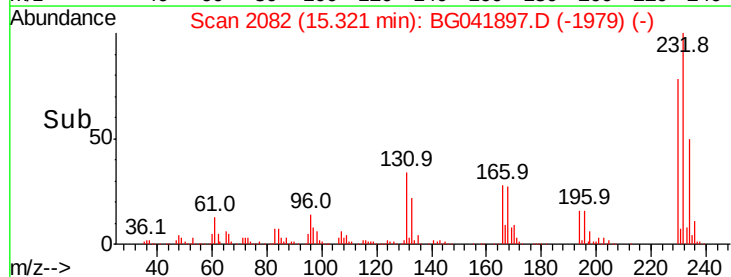
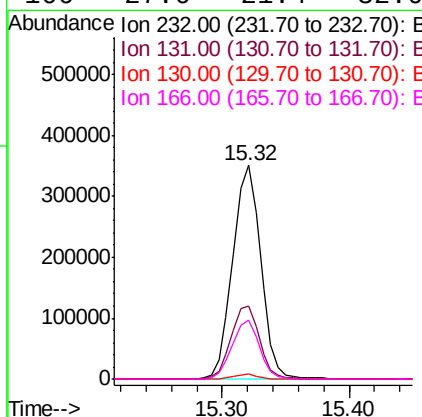
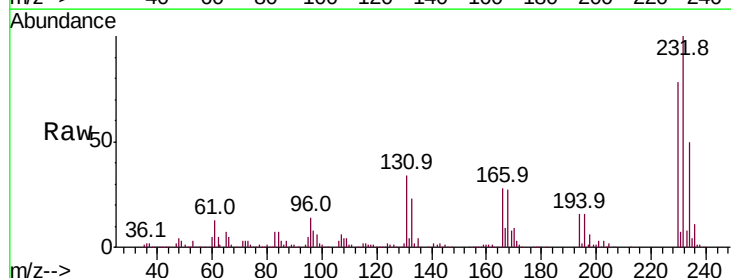
Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 36.3  | 29.4  | 44.2  |
| 182     | 3.7   | 2.6   | 4.0   |

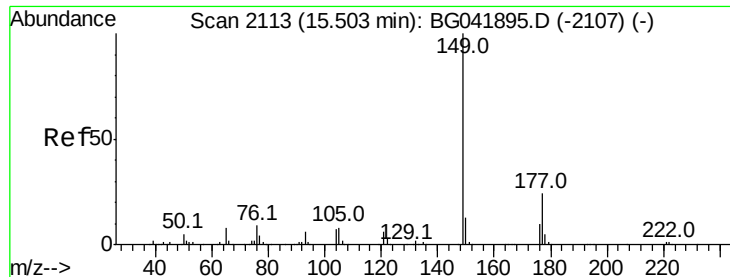


#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 91.608 ng/ul  
 RT: 15.32 min Scan# 2082  
 Delta R.T. 0.01 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 34.1  | 27.1  | 40.7  |
| 130     | 2.2   | 1.3   | 1.9   |
| 166     | 27.6  | 21.4  | 32.0  |



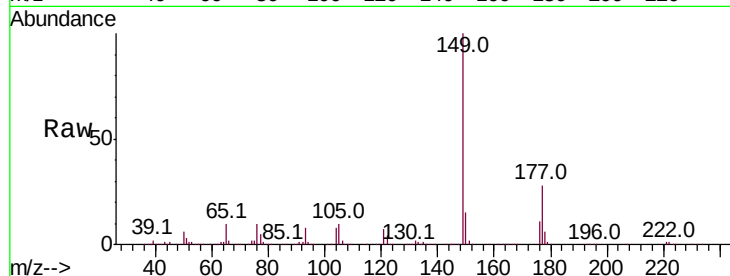




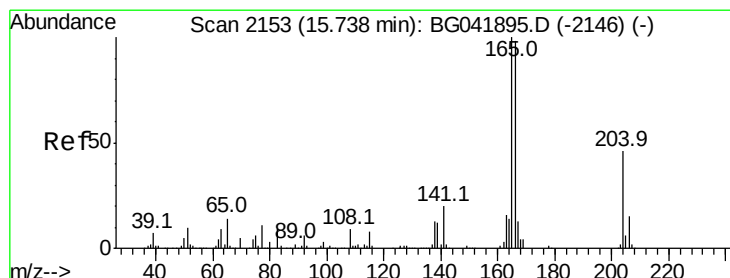
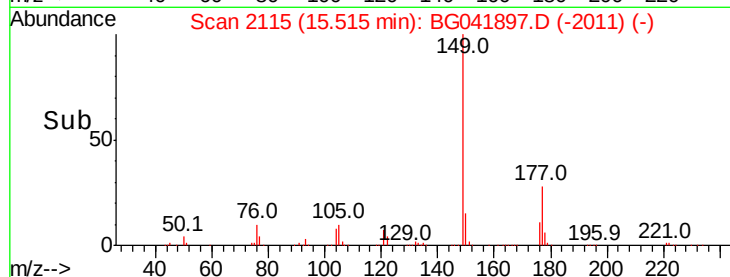
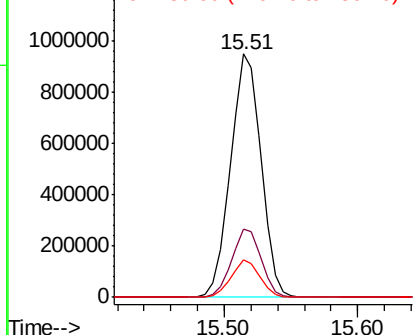
#56  
Diethylphthalate  
Concen: 68.398 ng/ul  
RT: 15.51 min Scan# 2115  
Delta R.T. 0.01 min  
Lab File: BG041897.D  
Acq: 2 Aug 2019 21:41

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:149 Resp: 1509865  
Ion Ratio Lower Upper  
149 100  
177 28.2 19.4 29.2  
150 15.4 10.2 15.4#

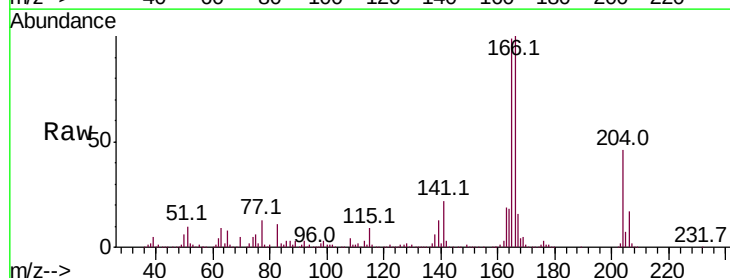


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

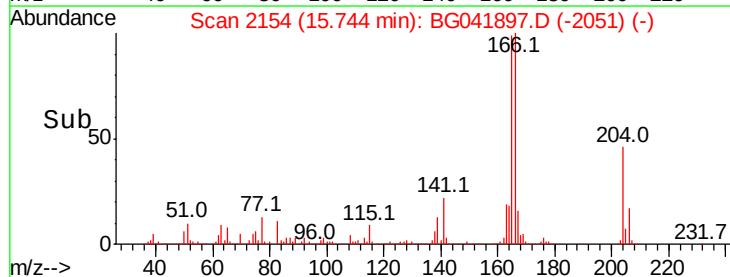
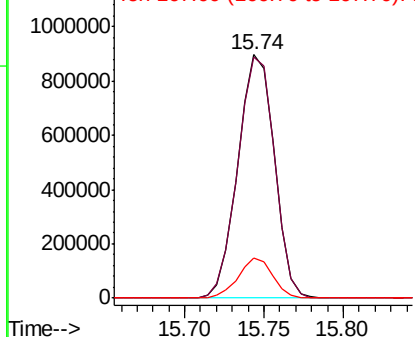


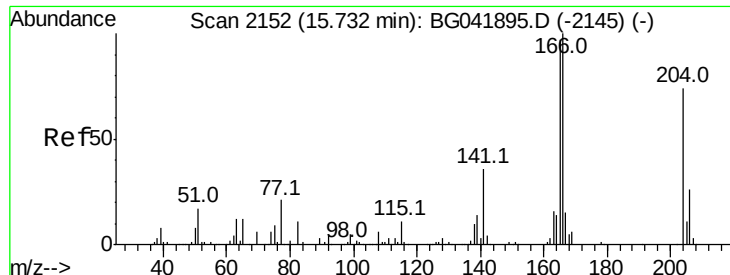
#58  
Fluorene  
Concen: 64.393 ng/ul  
RT: 15.74 min Scan# 2154  
Delta R.T. 0.01 min  
Lab File: BG041897.D  
Acq: 2 Aug 2019 21:41

Tgt Ion:166 Resp: 1432026  
Ion Ratio Lower Upper  
166 100  
165 99.0 81.1 121.7  
167 16.5 11.0 16.4#



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

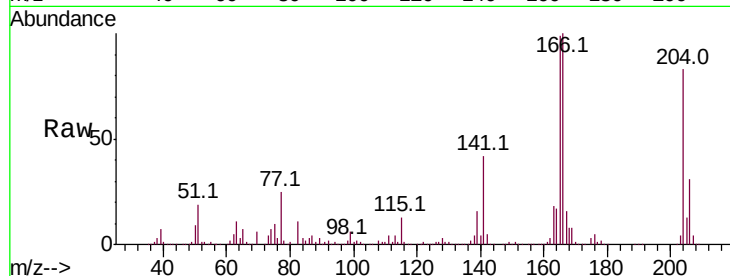




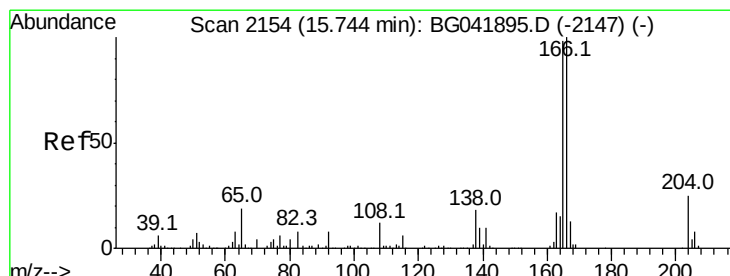
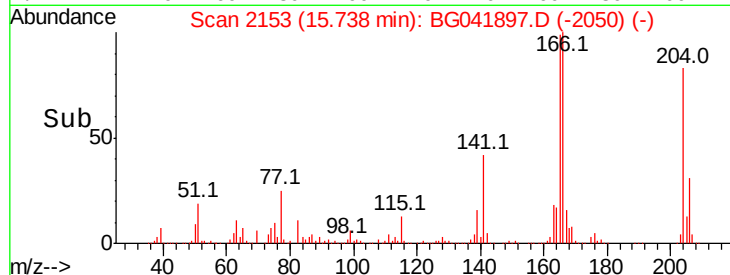
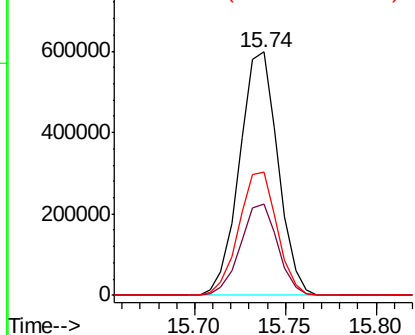
#59  
 4-Chlorophenyl-phenylether  
 Concen: 71.992 ng/ul  
 RT: 15.74 min Scan# 2153  
 Delta R.T. 0.01 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:204 Resp: 881544  
 Ion Ratio Lower Upper  
 204 100  
 206 37.3 27.6 41.4  
 141 50.9 39.0 58.6

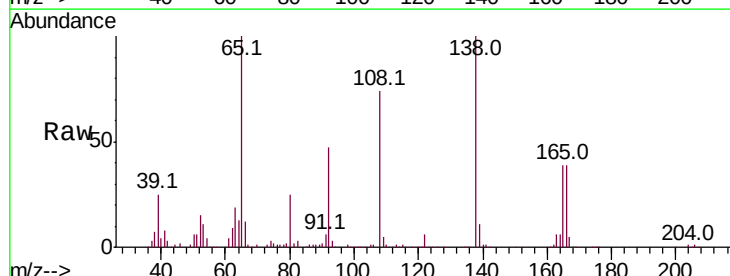


Abundance Ion 204.00 (203.70 to 204.70): E  
 800000 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

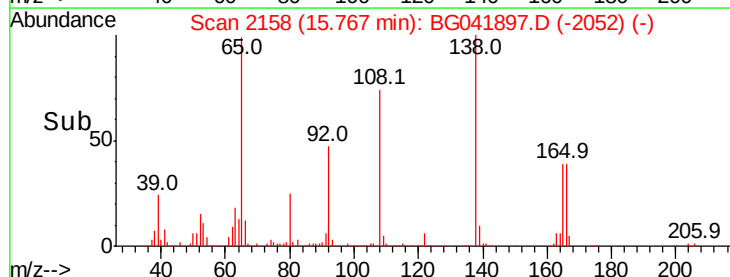
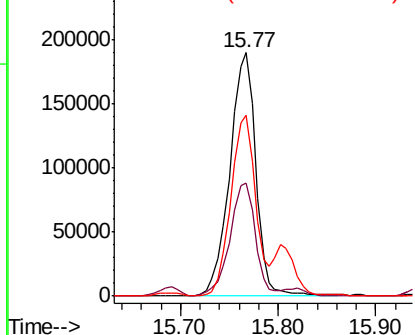


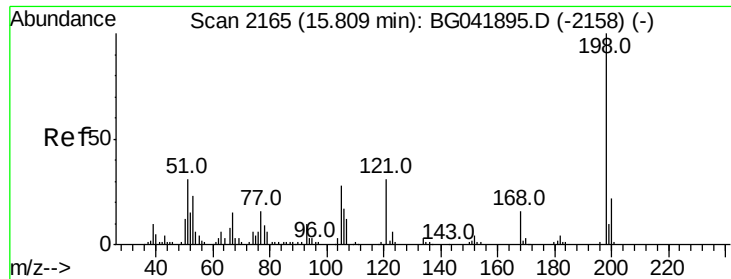
#60  
 4-Nitroaniline  
 Concen: 87.033 ng/ul  
 RT: 15.77 min Scan# 2158  
 Delta R.T. 0.02 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

Tgt Ion:138 Resp: 352794  
 Ion Ratio Lower Upper  
 138 100  
 92 46.7 34.6 51.8  
 108 74.3 54.2 81.2



Abundance Ion 138.00 (137.70 to 138.70): E  
 250000 Ion 92.00 (91.70 to 92.70): BG  
 Ion 108.00 (107.70 to 108.70): E

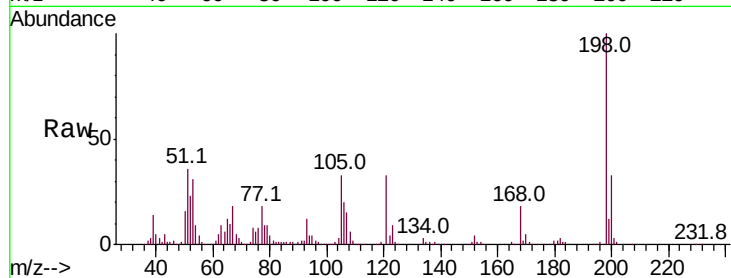




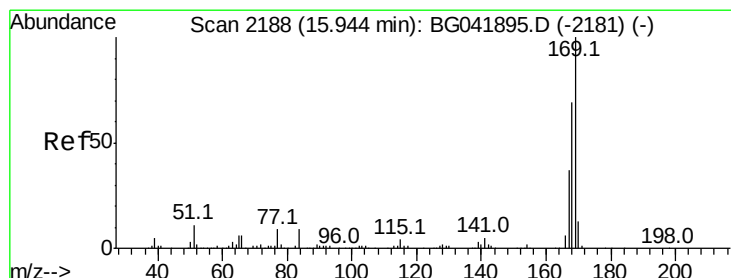
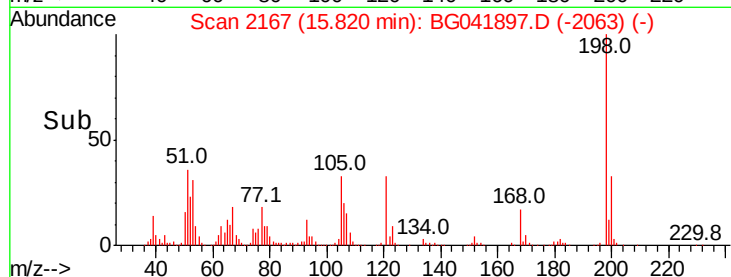
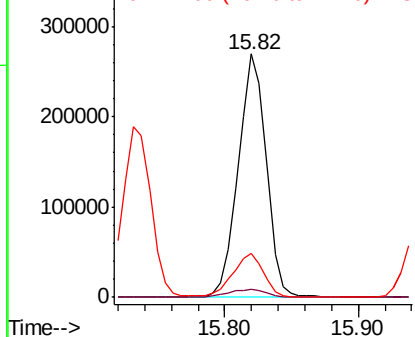
#63  
4,6-Dinitro-2-methylphenol  
Concen: 99.377 ng/ul  
RT: 15.82 min Scan# 2167  
Delta R.T. 0.01 min  
Lab File: BG041897.D  
Acq: 2 Aug 2019 21:41

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:198 Resp: 390643  
Ion Ratio Lower Upper  
198 100  
182 3.4 3.4 5.0  
77 18.0 13.2 19.8

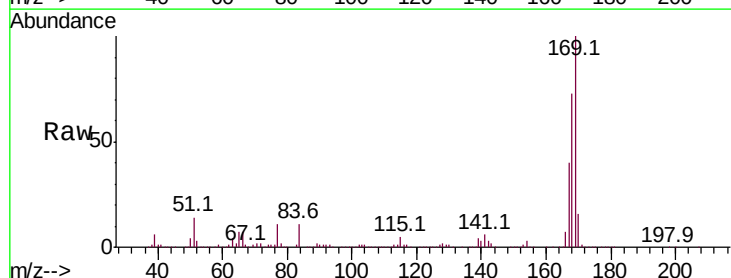


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 77.00 (76.70 to 77.70): BGC

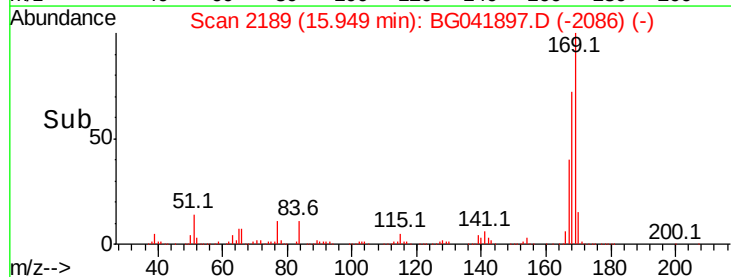
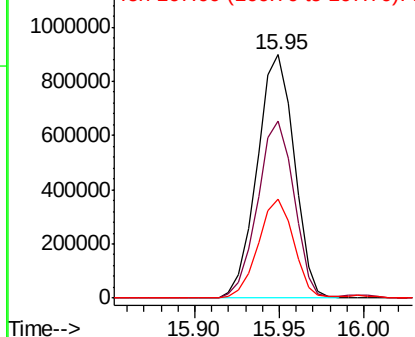


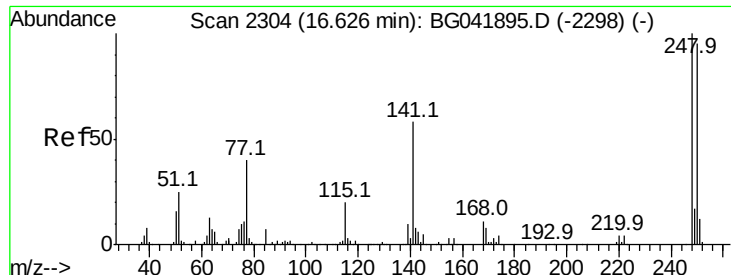
#64  
N-Nitrosodiphenylamine  
Concen: 71.815 ng/ul  
RT: 15.95 min Scan# 2189  
Delta R.T. 0.01 min  
Lab File: BG041897.D  
Acq: 2 Aug 2019 21:41

Tgt Ion:169 Resp: 1363923  
Ion Ratio Lower Upper  
169 100  
168 72.8 55.0 82.4  
167 40.5 29.5 44.3



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

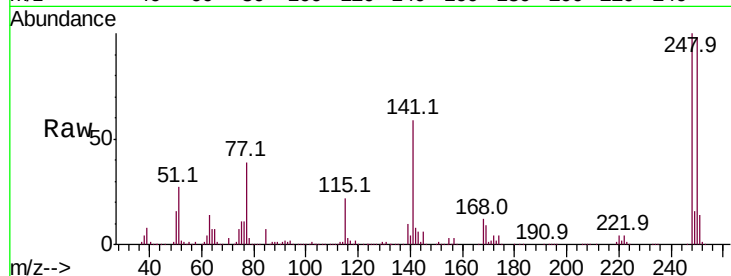




#65  
 4-Bromophenyl-phenylether  
 Concen: 82.292 ng/ul  
 RT: 16.63 min Scan# 2305  
 Delta R.T. 0.01 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.4  | 76.1  | 114.1 |
| 141     | 59.3  | 46.8  | 70.2  |

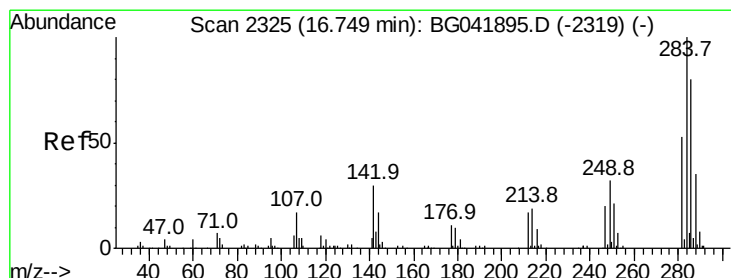
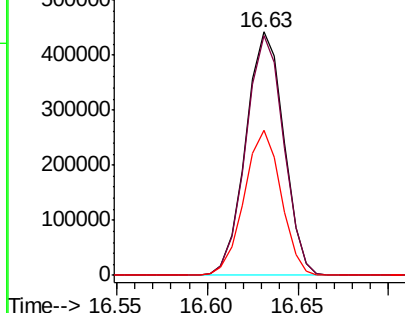
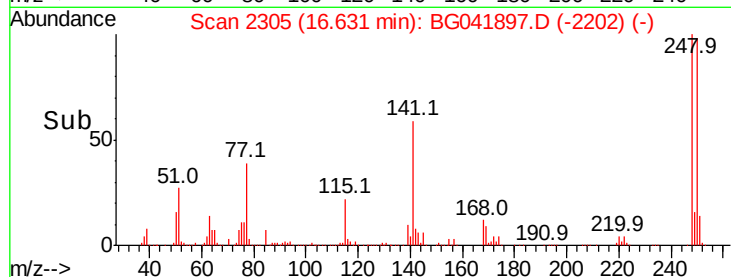


Abundance

Ion 248.00 (247.70 to 248.70): E

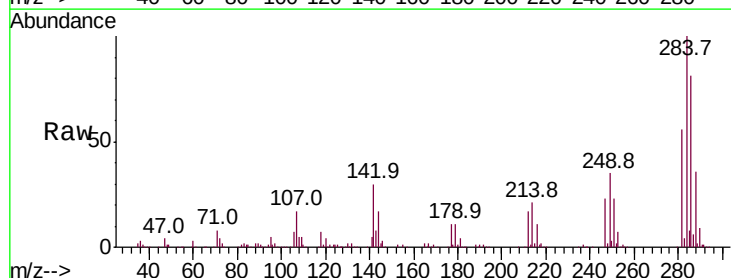
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66  
 Hexachlorobenzene  
 Concen: 72.658 ng/ul  
 RT: 16.75 min Scan# 2326  
 Delta R.T. 0.01 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 30.3  | 24.4  | 36.6  |
| 249     | 35.0  | 27.2  | 40.8  |

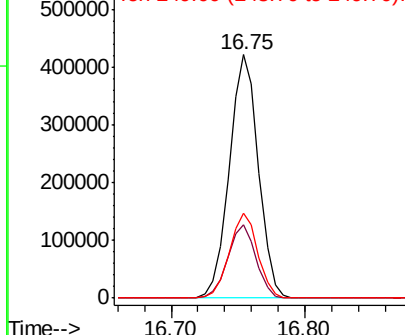
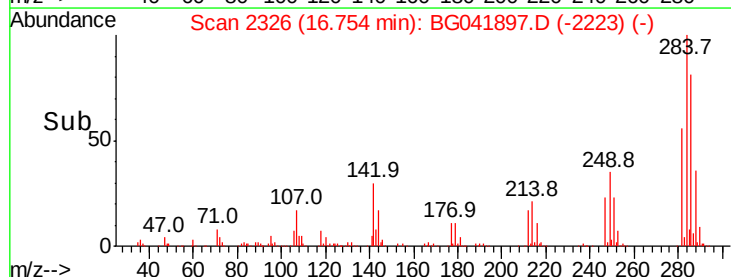


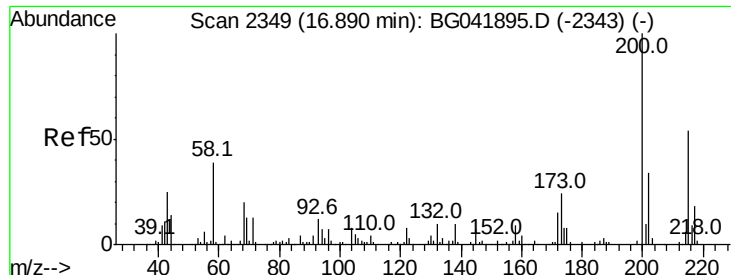
Abundance

Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

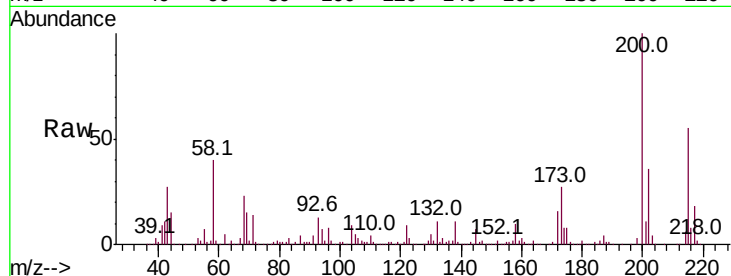




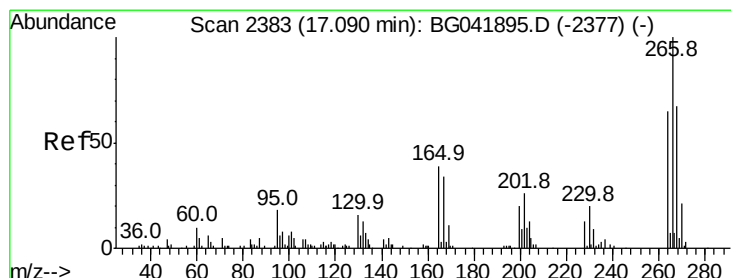
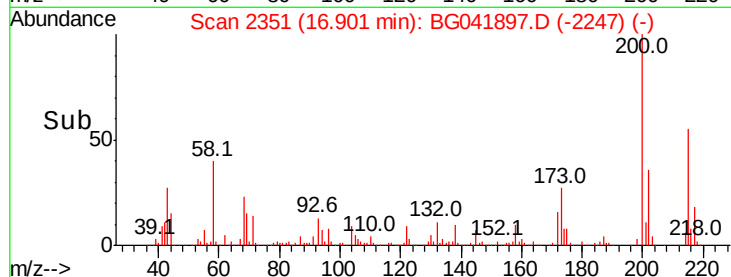
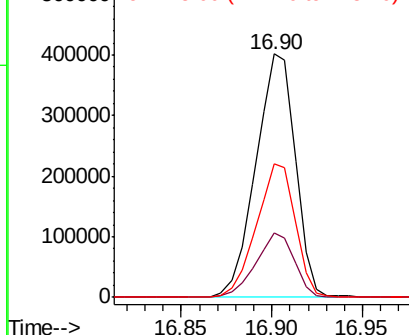
#67  
 Atrazine  
 Concen: 84.913 ng/ul  
 RT: 16.90 min Scan# 2351  
 Delta R.T. 0.01 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 26.5  | 19.0  | 28.6  |
| 215     | 54.8  | 43.0  | 64.6  |

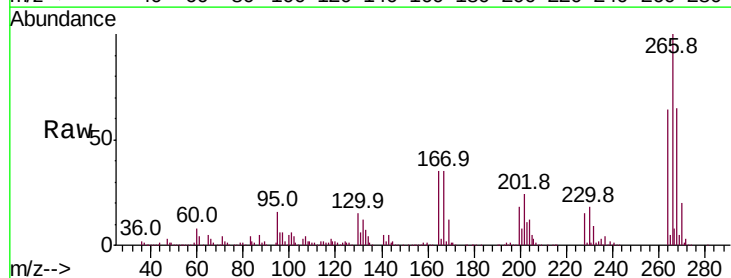


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

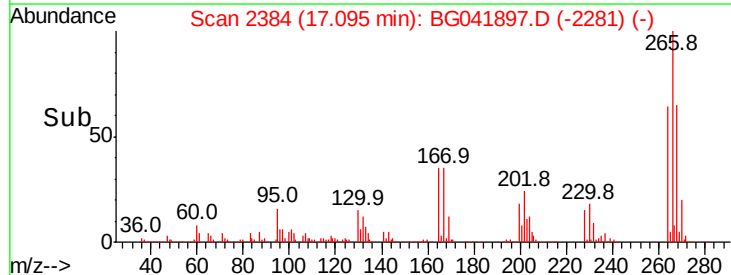
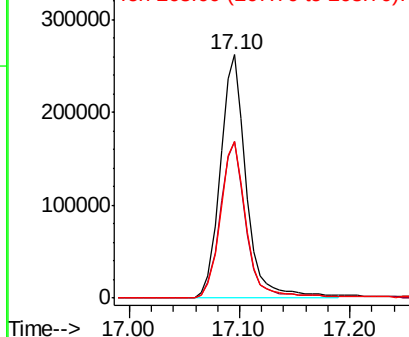


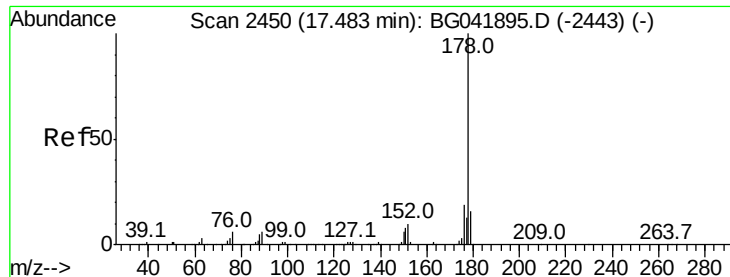
#68  
 Pentachlorophenol  
 Concen: 97.782 ng/ul  
 RT: 17.10 min Scan# 2384  
 Delta R.T. 0.01 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 64.1  | 52.3  | 78.5  |
| 268     | 64.5  | 53.2  | 79.8  |



Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 64.878 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

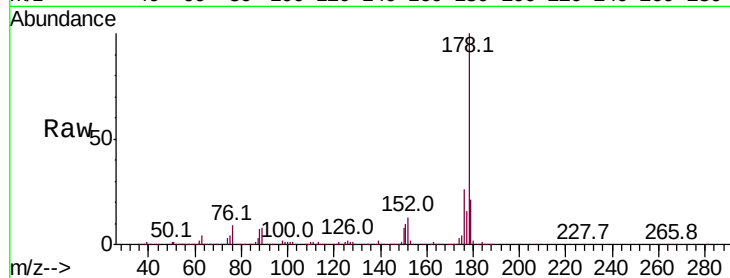
Tot Ion:178 Resp: 2273224

Ion Ratio Lower Upper

178 100

179 21.3 12.8 19.2#

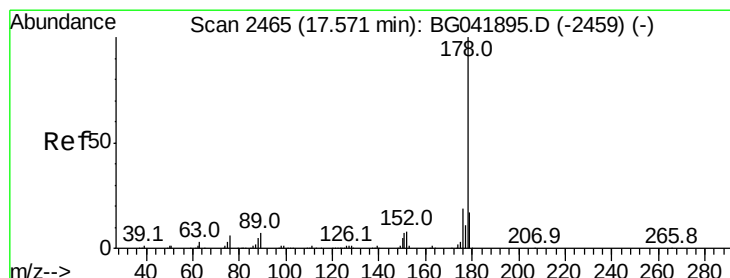
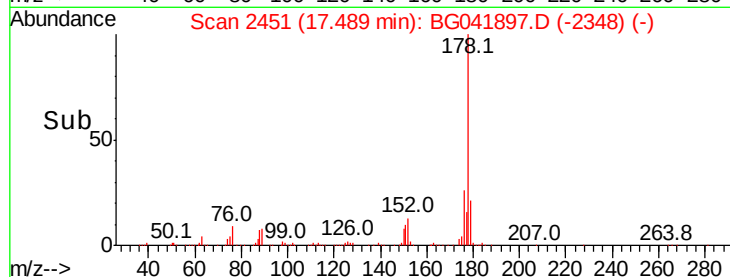
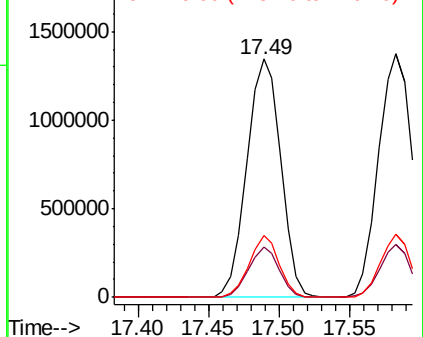
176 25.7 15.4 23.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 63.671 ng/ul

RT: 17.58 min Scan# 2467

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

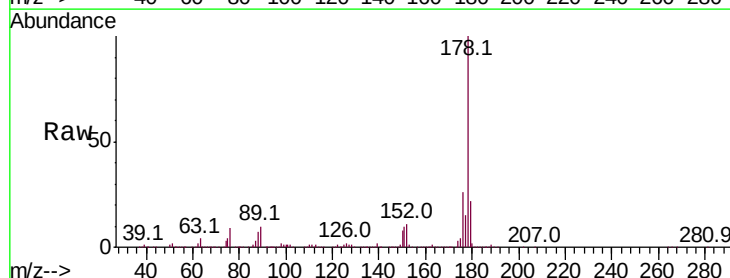
Tgt Ion:178 Resp: 2273570

Ion Ratio Lower Upper

178 100

179 21.9 13.4 20.0#

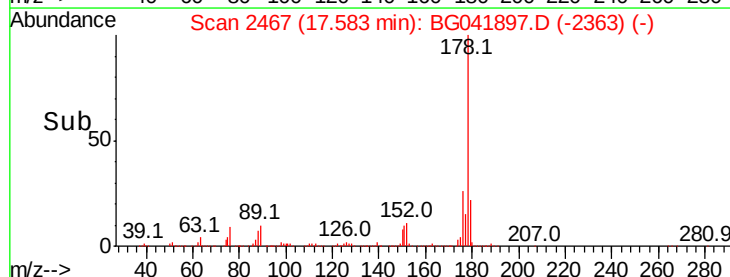
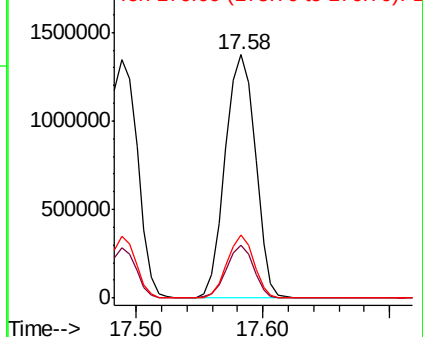
176 25.7 15.4 23.2#

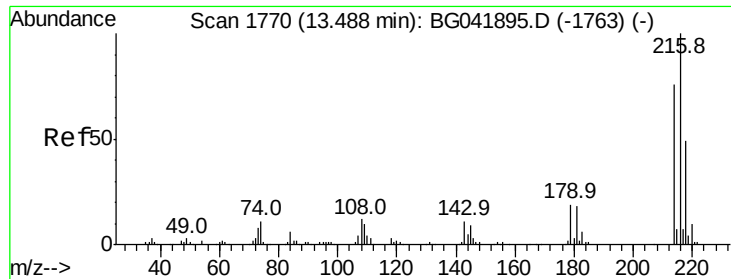


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

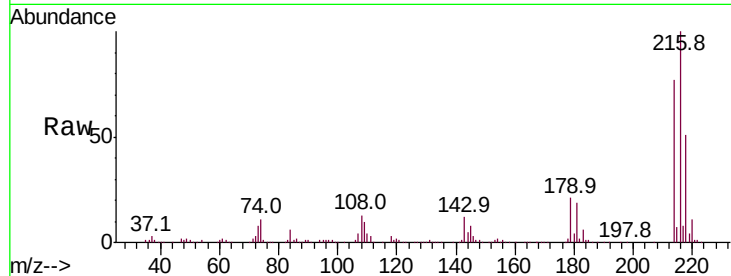




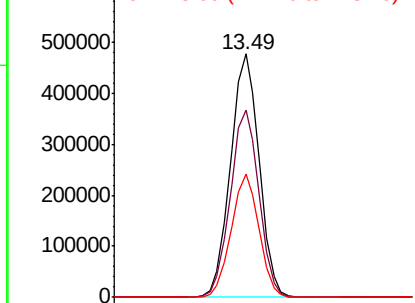
#72  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 79.048 ng/uL  
 RT: 13.49 min Scan# 1771  
 Delta R.T. 0.01 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

Instrument :  
 BNA\_G  
 ClientSampled :

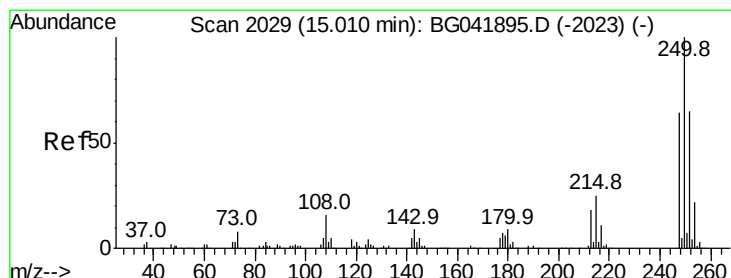
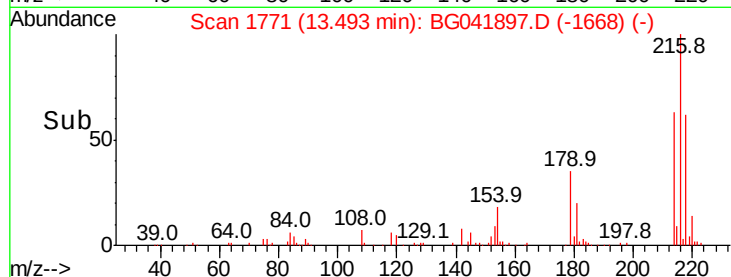
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.0  | 61.1  | 91.7  |
| 218     | 50.9  | 39.4  | 59.2  |



Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 218.00 (217.70 to 218.70): E

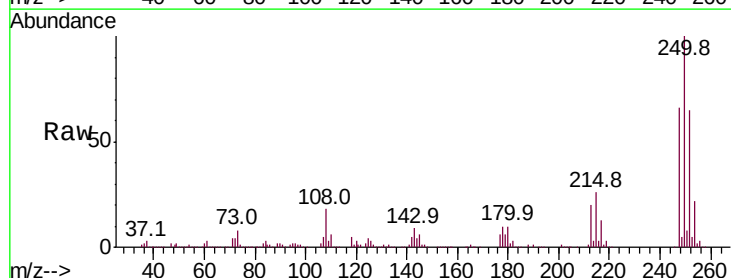


Time--> 13.40 13.50 13.60

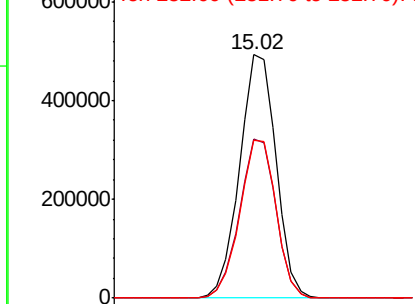


#73  
 Pentachlorobenzene  
 Concen: 77.214 ng/uL  
 RT: 15.02 min Scan# 2030  
 Delta R.T. 0.01 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

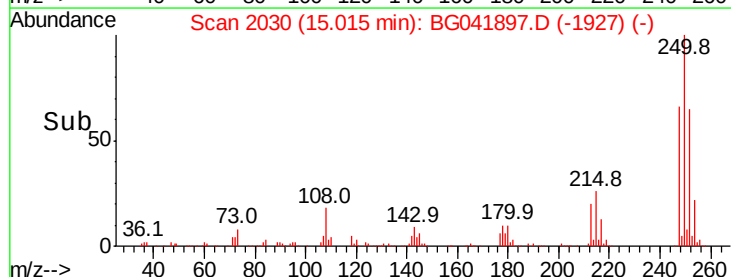
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 250     | 100   |       |       |
| 248     | 65.6  | 50.9  | 76.3  |
| 252     | 65.0  | 52.0  | 78.0  |

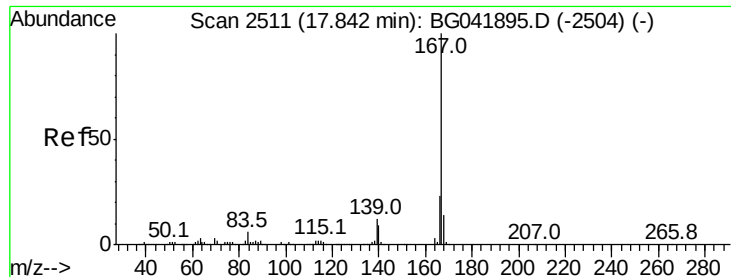


Abundance Ion 250.00 (249.70 to 250.70): E  
 Ion 248.00 (247.70 to 248.70): E  
 Ion 252.00 (251.70 to 252.70): E



Time--> 14.95 15.05





#74

Carbazole

Concen: 71.087 ng/ul

RT: 17.85 min Scan# 2512

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

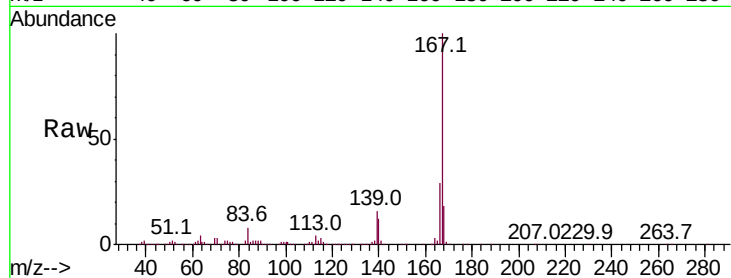
Tot Ion:167 Resp: 2121139

Ion Ratio Lower Upper

167 100

166 29.2 18.2 27.4#

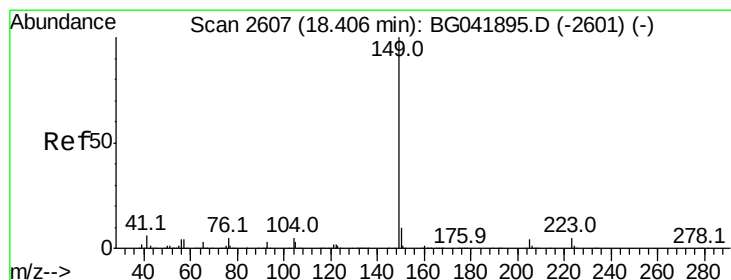
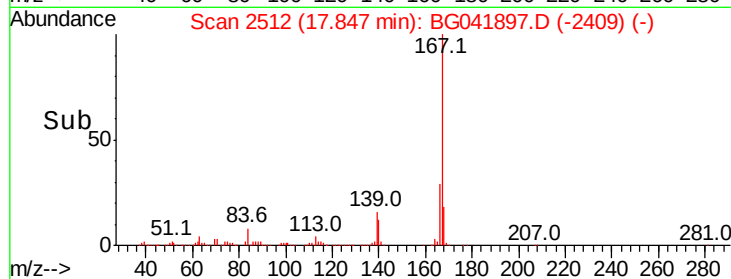
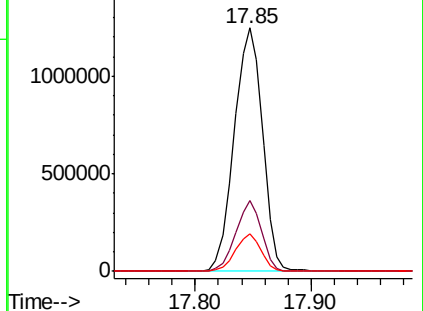
139 15.6 9.6 14.4#



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



#75

Di-n-butylphthalate

Concen: 0.284 ng/ul

RT: 18.07 min Scan# 2550

Delta R.T. -0.34 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

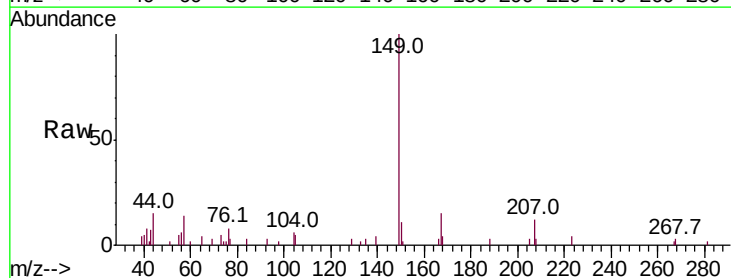
Tgt Ion:149 Resp: 10160

Ion Ratio Lower Upper

149 100

150 11.3 8.3 12.5

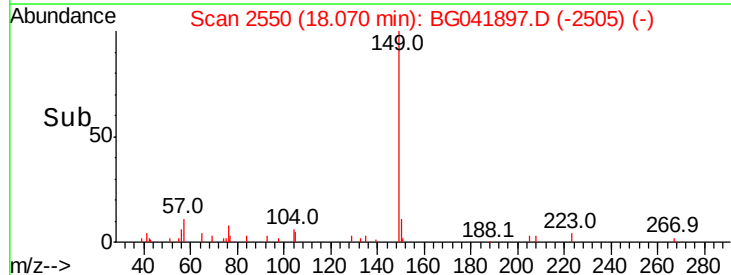
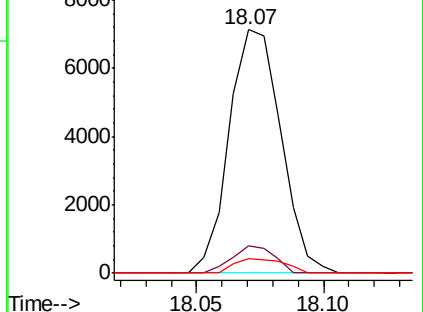
104 5.9 3.9 5.9



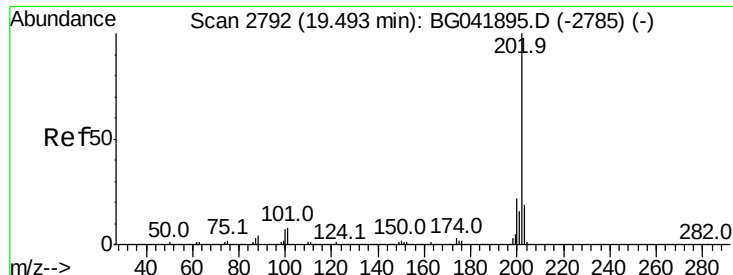
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E







#76

Fluoranthene

Concen: 67.971 ng/ul

RT: 19.50 min Scan# 2793

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

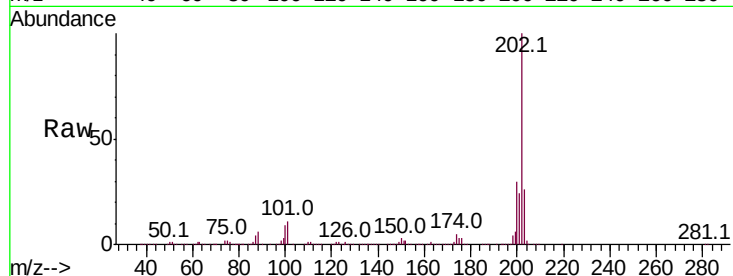
Tot Ion:202 Resp: 2691712

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.3  | 6.7   | 10.1# |
| 100 | 9.1   | 5.3   | 7.9#  |

202 100

101 11.3 6.7 10.1#

100 9.1 5.3 7.9#

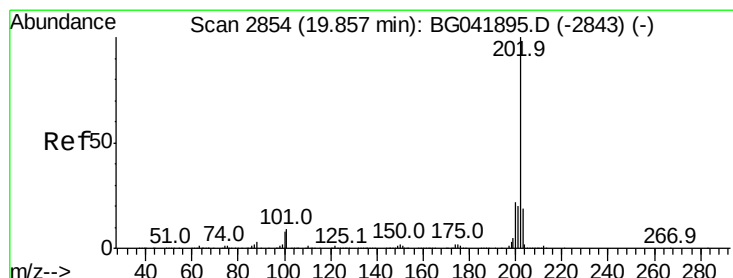
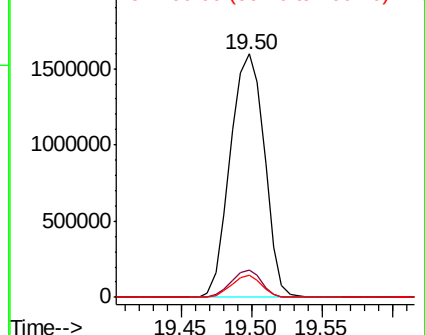
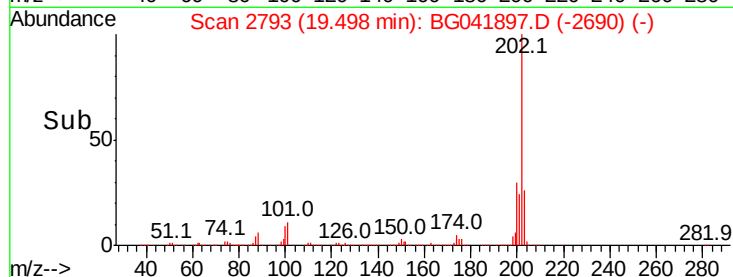


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 62.600 ng/ul

RT: 19.50 min Scan# 2793

Delta R.T. -0.36 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

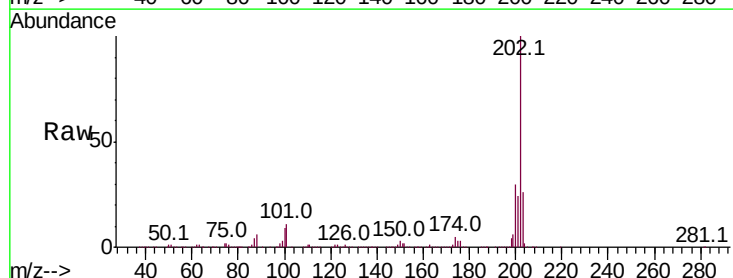
Tgt Ion:202 Resp: 2691712

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 101 | 11.3  | 7.6   | 11.4  |
| 100 | 9.1   | 6.5   | 9.7   |

202 100

101 11.3 7.6 11.4

100 9.1 6.5 9.7

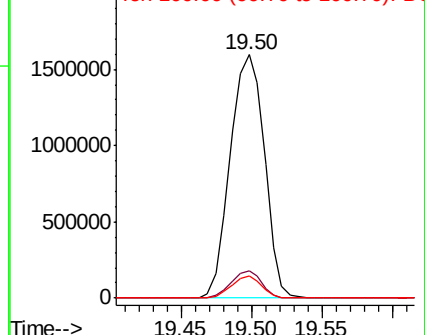
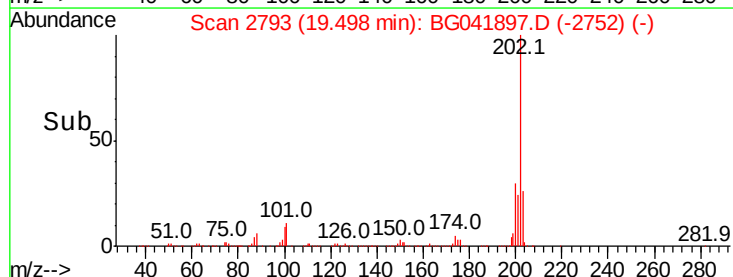


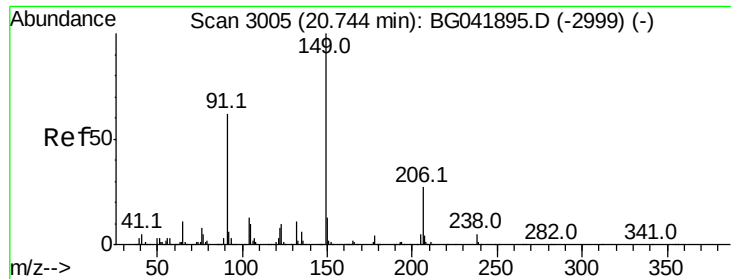
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



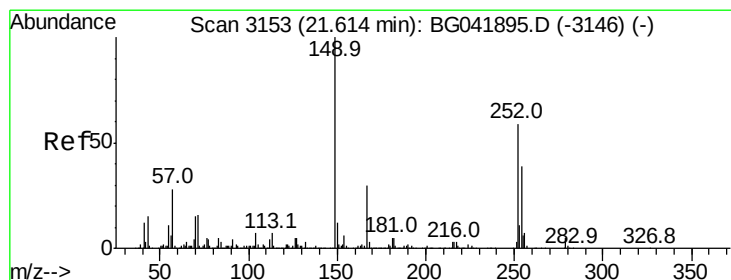
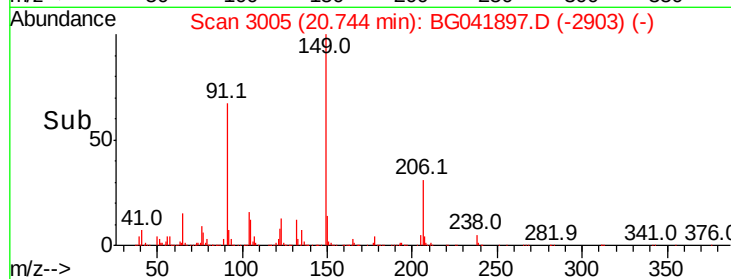
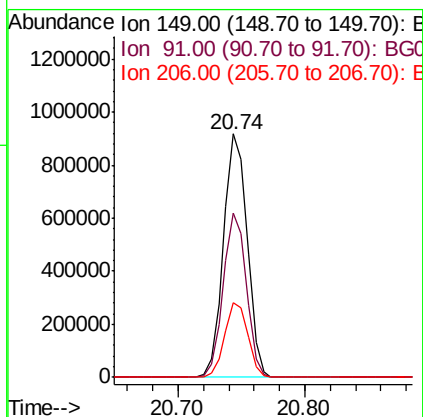
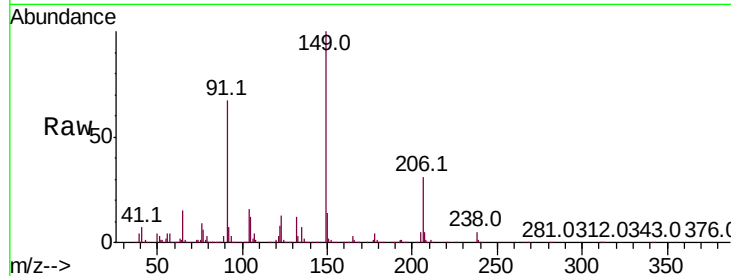


#80  
 Butylbenzylphthalate  
 Concen: 73.252 ng/ul  
 RT: 20.74 min Scan# 3005  
 Delta R.T. -0.00 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:149 Resp: 1184123  

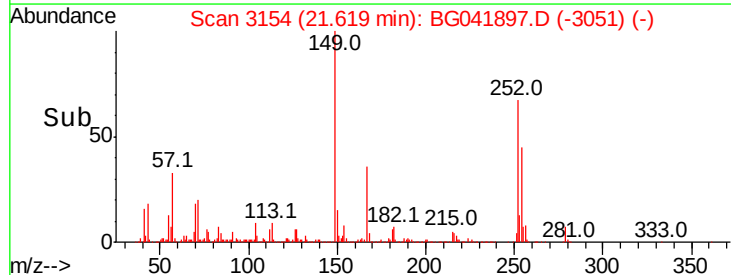
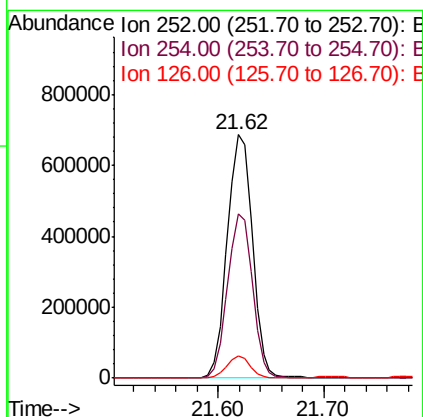
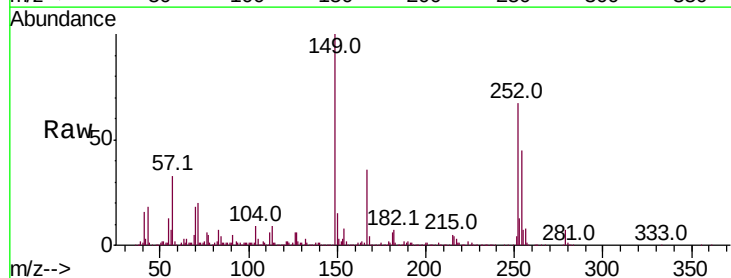
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 67.2  | 49.5  | 74.3  |
| 206 | 30.8  | 21.3  | 31.9  |

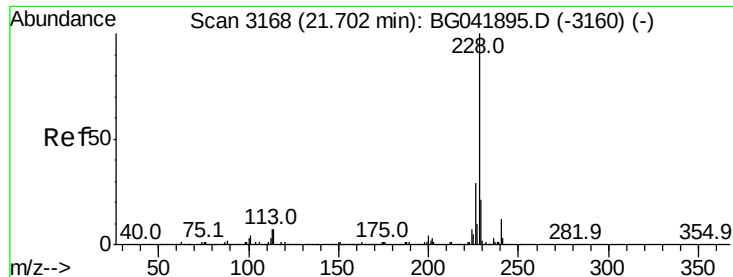


#81  
 3,3'-Dichlorobenzidine  
 Concen: 80.801 ng/ul  
 RT: 21.62 min Scan# 3154  
 Delta R.T. 0.01 min  
 Lab File: BG041897.D  
 Acq: 2 Aug 2019 21:41

Tgt Ion:252 Resp: 1135178  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 254 | 67.6  | 53.1  | 79.7  |
| 126 | 8.9   | 6.9   | 10.3  |





#82

Benzo(a)anthracene

Concen: 66.047 ng/ul

RT: 21.71 min Scan# 3169

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

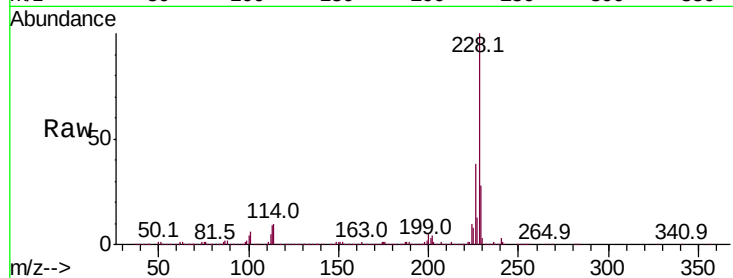
Tot Ion:228 Resp: 2803323

Ion Ratio Lower Upper

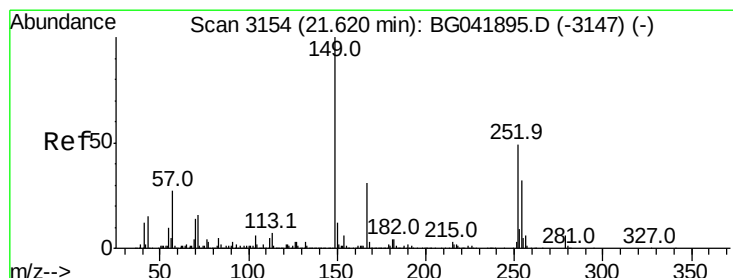
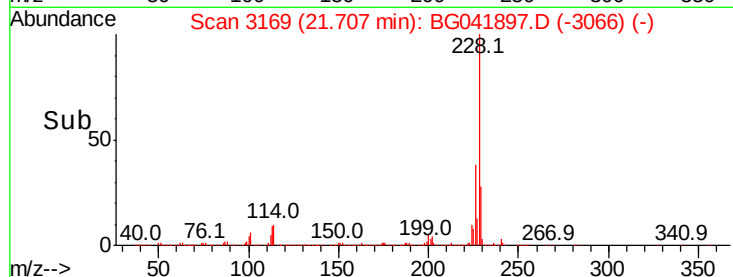
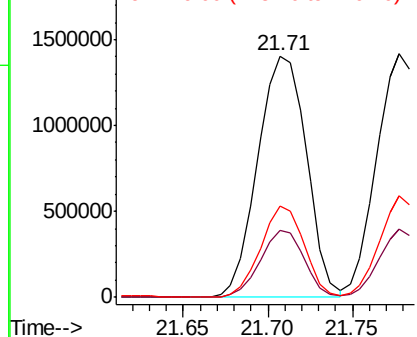
228 100

229 27.8 17.0 25.6#

226 37.7 23.3 34.9#



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 229.00 (228.70 to 229.70): E  
Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 67.587 ng/ul

RT: 21.62 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

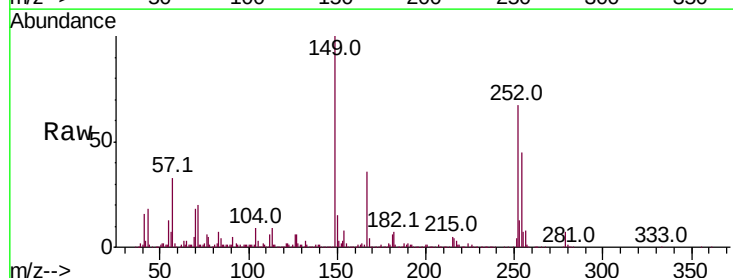
Tgt Ion:149 Resp: 1557258

Ion Ratio Lower Upper

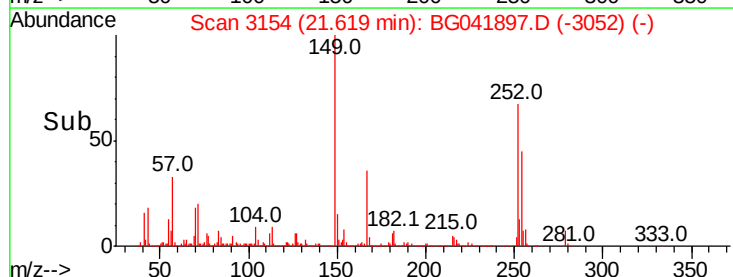
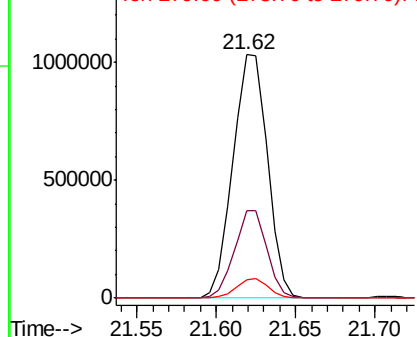
149 100

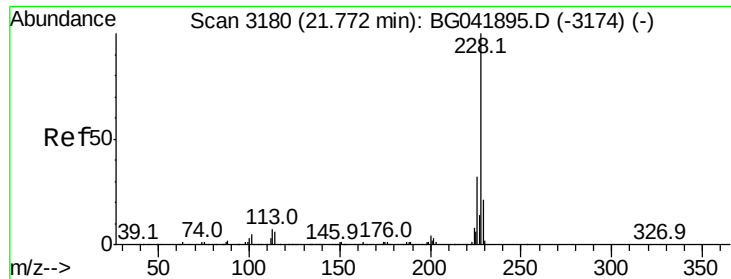
167 36.0 25.0 37.4

279 7.5 5.2 7.8



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 65.442 ng/ul

RT: 21.78 min Scan# 3181

Delta R.T. 0.01 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

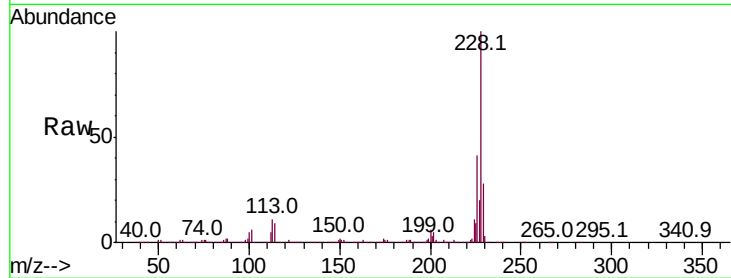
Tot Ion:228 Resp: 2609636

Ion Ratio Lower Upper

228 100

226 41.5 25.7 38.5#

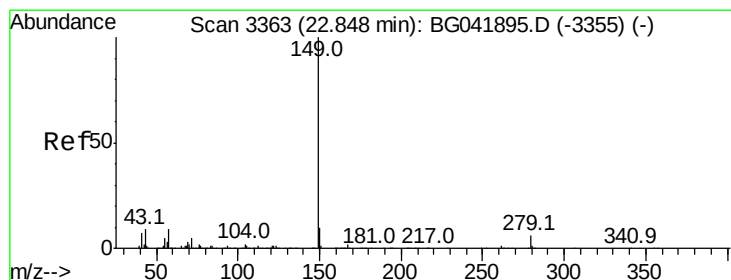
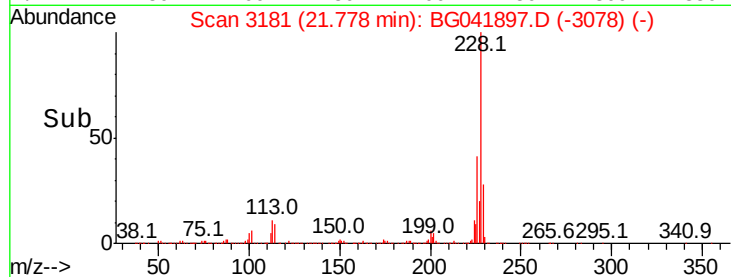
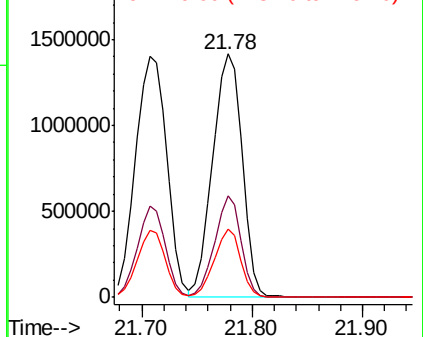
229 27.9 16.6 24.8#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 64.638 ng/ul

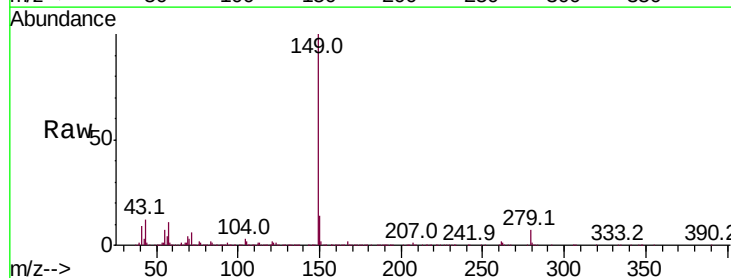
RT: 22.85 min Scan# 3364

Delta R.T. 0.01 min

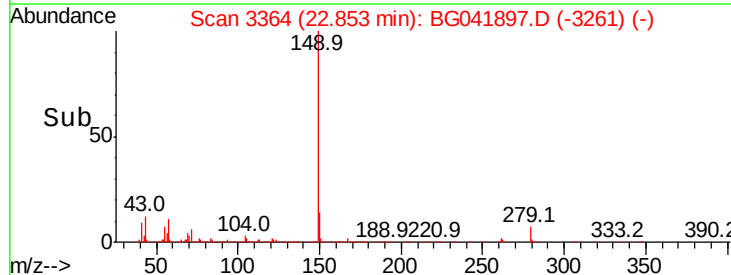
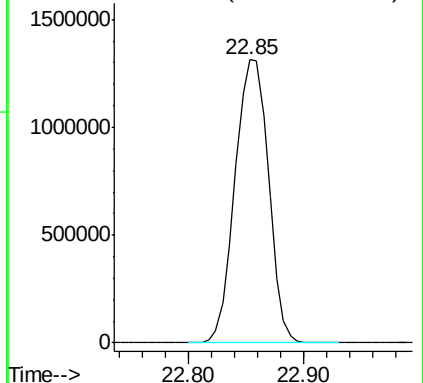
Lab File: BG041897.D

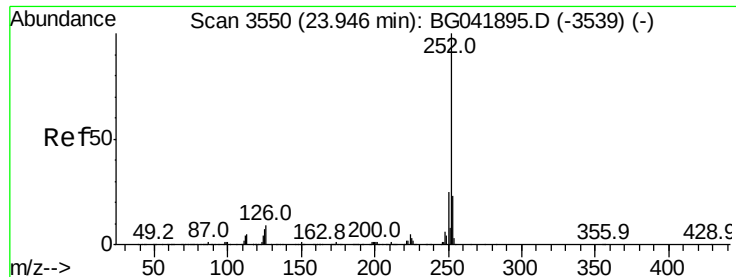
Acq: 2 Aug 2019 21:41

Tgt Ion:149 Resp: 2647023



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 70.224 ng/ul

RT: 23.96 min Scan# 3553

Delta R.T. 0.02 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

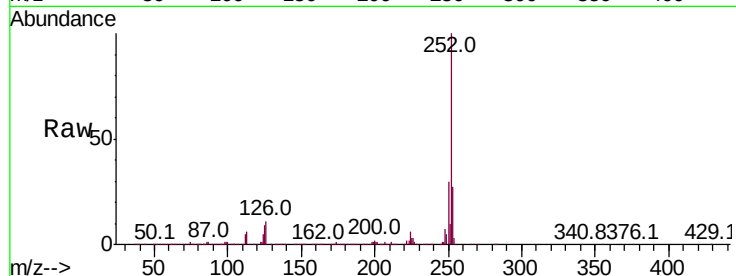
Tot Ion:252 Resp: 3214078

Ion Ratio Lower Upper

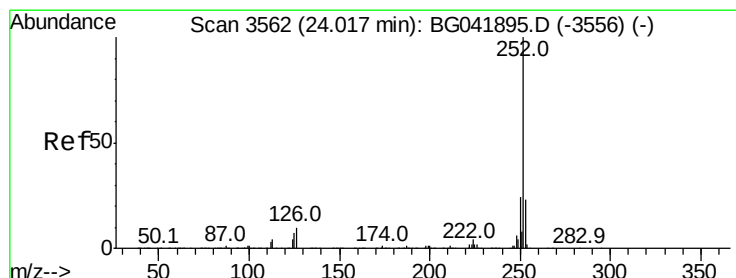
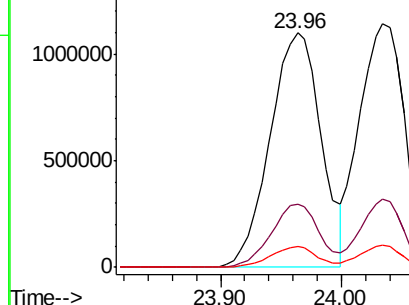
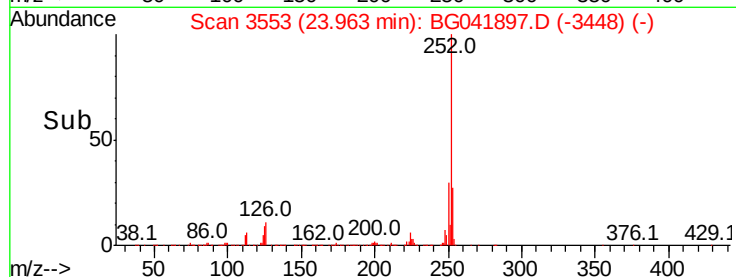
252 100

253 26.8 18.4 27.6

125 8.7 5.8 8.8



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



#88

Benzo(k)fluoranthene

Concen: 66.709 ng/ul

RT: 24.03 min Scan# 3565

Delta R.T. 0.02 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

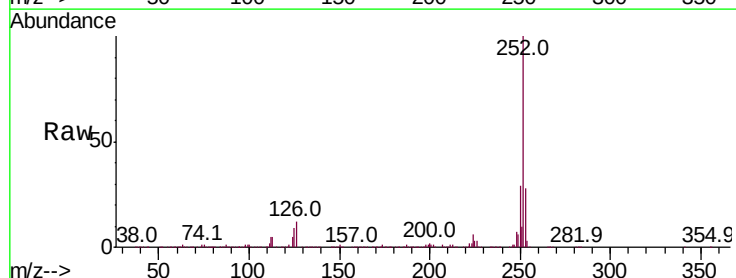
Tgt Ion:252 Resp: 2941198

Ion Ratio Lower Upper

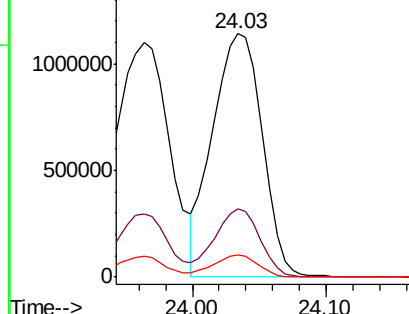
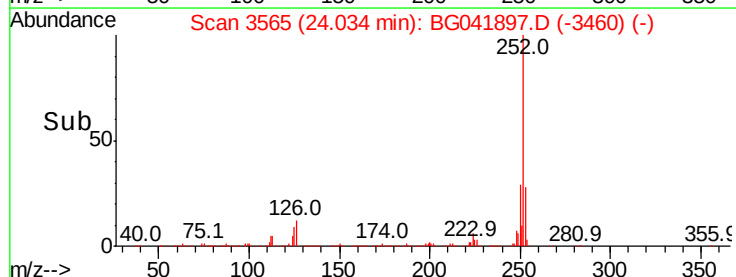
252 100

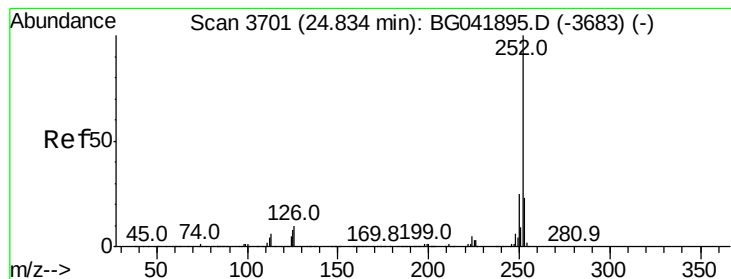
253 28.1 18.3 27.5#

125 9.2 5.5 8.3#



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





#90

Benzo(a)pyrene

Concen: 70.077 ng/ul

RT: 24.86 min Scan# 3705

Delta R.T. 0.02 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

Instrument :

BNA\_G

ClientSampleId :

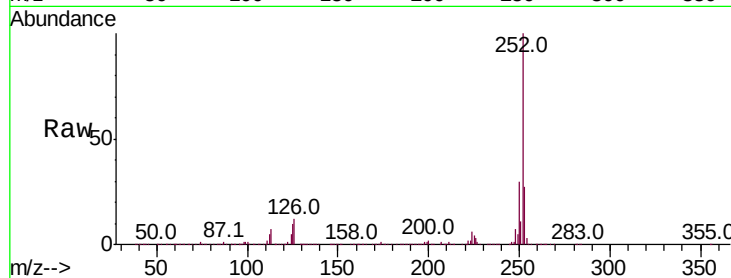
Tot Ion:252 Resp: 3039149

Ion Ratio Lower Upper

252 100

253 27.1 18.3 27.5

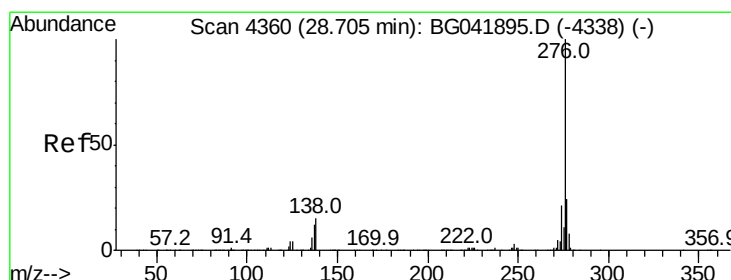
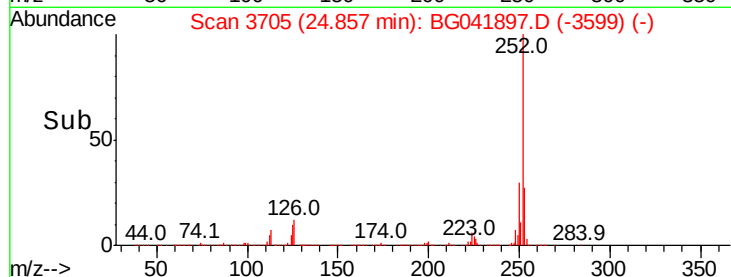
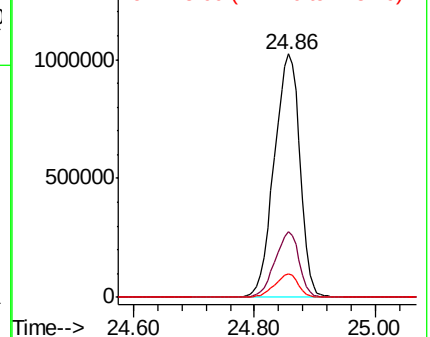
125 9.7 6.5 9.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 76.309 ng/ul

RT: 28.75 min Scan# 4367

Delta R.T. 0.04 min

Lab File: BG041897.D

Acq: 2 Aug 2019 21:41

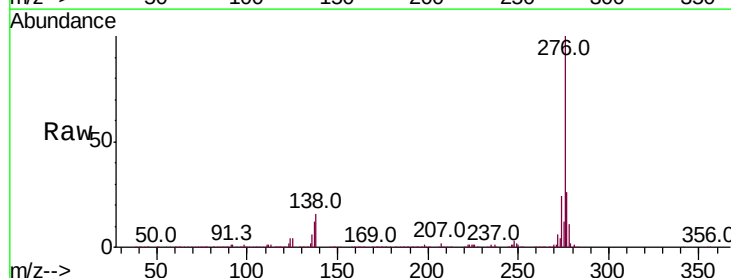
Tgt Ion:276 Resp: 3887531

Ion Ratio Lower Upper

276 100

138 15.8 12.0 18.0

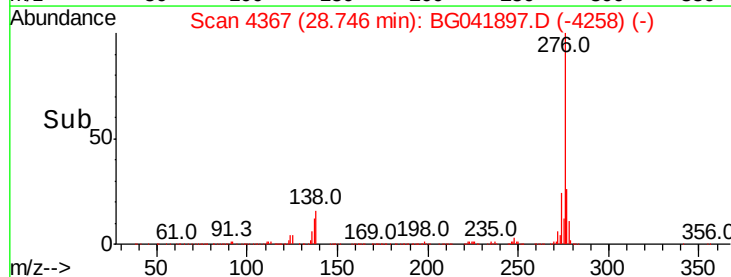
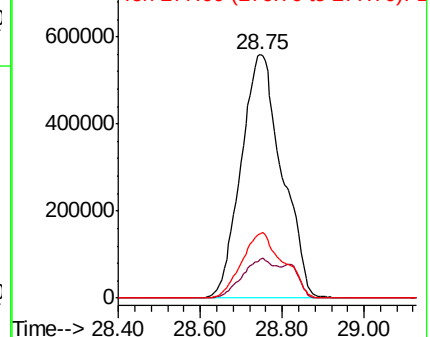
277 26.2 19.2 28.8

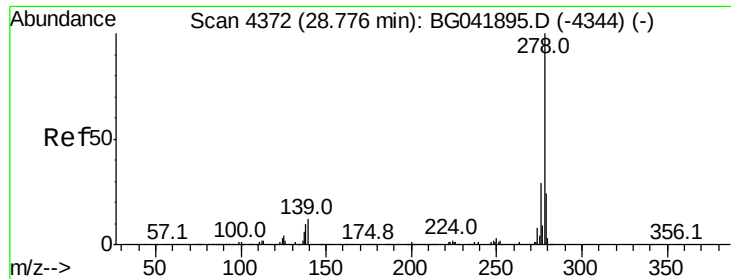


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



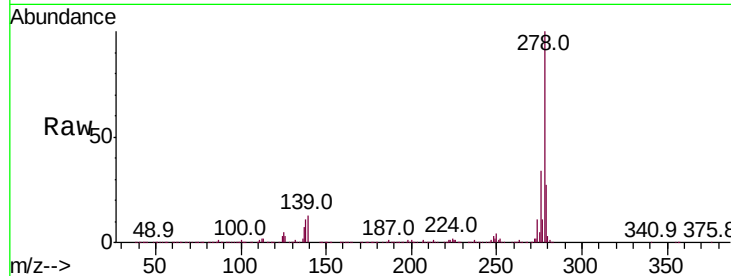


#92

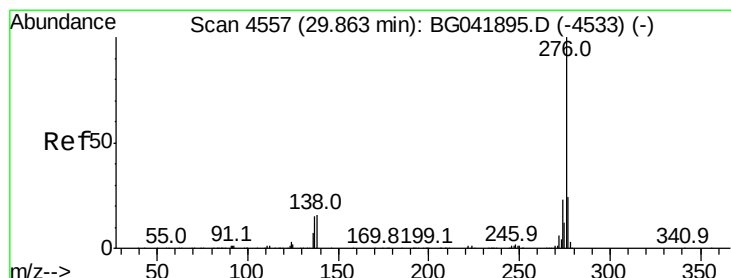
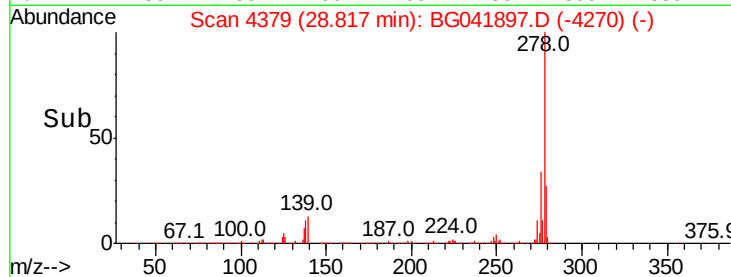
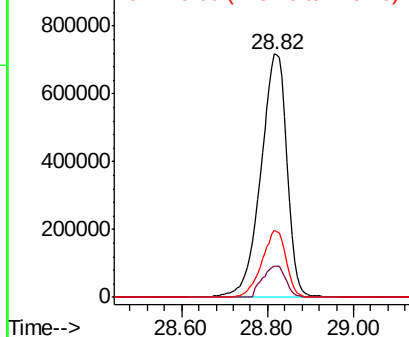
Dibenzo(a,h)anthracene  
Concen: 72.401 ng/ul  
RT: 28.82 min Scan# 4379  
Delta R.T. 0.04 min  
Lab File: BG041897.D  
Acq: 2 Aug 2019 21:41

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:278 Resp: 3086667  
Ion Ratio Lower Upper  
278 100  
139 13.0 9.4 14.0  
279 27.3 19.2 28.8



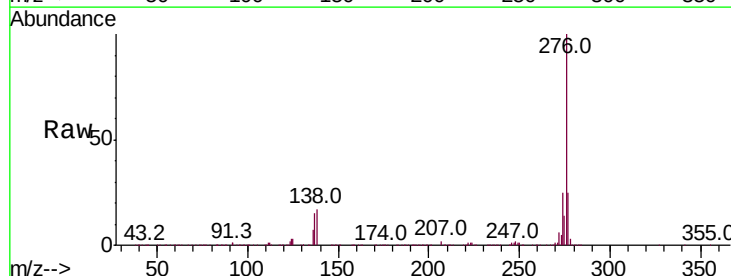
Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene  
Concen: 76.636 ng/ul  
RT: 29.93 min Scan# 4568  
Delta R.T. 0.06 min  
Lab File: BG041897.D  
Acq: 2 Aug 2019 21:41

Tgt Ion:276 Resp: 3218147  
Ion Ratio Lower Upper  
276 100  
138 16.6 12.6 18.8  
277 25.2 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

