

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\  
 Data File : BG041933.D  
 Acq On : 4 Aug 2019 8:00  
 Operator : HP/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 04 09:44:17 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Aug 04 03:32:07 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.04  | 152  | 80917    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.86 | 136  | 327688   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.69 | 164  | 225331   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.45 | 188  | 501768   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.73 | 240  | 502515   | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 25.00 | 264  | 531546   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.42  | 96  | 13570  | 7.34  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.18  | 99  | 130107 | 20.49 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.35  | 67  | 70811  | 19.94 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.56  | 132 | 115664 | 21.30 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.74  | 113 | 107247 | 20.12 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.20  | 128 | 55326  | 22.43 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.93  | 143 | 67261  | 23.48 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.47 | 165 | 131066 | 22.67 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.98 | 131 | 140508 | 21.90 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.09 | 166 | 366169 | 20.95 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.39 | 160 | 432898 | 21.68 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.87 | 143 | 64429  | 21.96 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.69 | 176 | 336775 | 21.66 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.80 | 200 | 64811  | 20.13 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.55 | 188 | 531418 | 22.07 | ng/ul | 0.00 |
| 78) Pyrene-d10                 | 19.83 | 212 | 606136 | 21.62 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 24.77 | 264 | 629324 | 22.66 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.46  | 88  | 13850  | 7.228  | ng/uL 98  |
| 4) Benzaldehyde                | 7.16  | 77  | 58013  | 19.335 | ng/ul 97  |
| 6) Phenol                      | 7.21  | 94  | 136562 | 20.834 | ng/ul 96  |
| 8) Bis(2-Chloroethyl)ether     | 7.45  | 93  | 101143 | 20.282 | ng/ul 97  |
| 10) 2-Chlorophenol             | 7.59  | 128 | 118168 | 21.472 | ng/ul 98  |
| 11) 2-Methylphenol             | 8.48  | 108 | 106043 | 20.178 | ng/ul 91  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 160081 | 18.978 | ng/ul 97  |
| 14) Acetophenone               | 8.86  | 105 | 167610 | 20.441 | ng/ul 99  |
| 15) N-Nitroso-di-n-propylamine | 8.85  | 70  | 79838  | 18.431 | ng/ul 98  |
| 16) 4-Methylphenol             | 8.80  | 108 | 115335 | 20.315 | ng/ul 97  |
| 17) Hexachloroethane           | 9.13  | 117 | 37499  | 16.455 | ng/ul 95  |
| 20) Nitrobenzene               | 9.24  | 77  | 120972 | 21.532 | ng/ul 97  |
| 21) Isophorone                 | 9.77  | 82  | 200598 | 17.908 | ng/ul 98  |
| 23) 2-Nitrophenol              | 9.96  | 139 | 70862  | 23.159 | ng/ul 97  |
| 24) 2,4-Dimethylphenol         | 10.02 | 107 | 127912 | 21.187 | ng/ul 95  |
| 25) Bis(2-Chloroethoxy)methane | 10.26 | 93  | 140126 | 21.070 | ng/ul 98  |
| 27) 2,4-Dichlorophenol         | 10.50 | 162 | 127672 | 22.268 | ng/ul 97  |
| 28) Naphthalene                | 10.91 | 128 | 359676 | 21.470 | ng/ul 100 |
| 30) 4-Chloroaniline            | 11.01 | 127 | 143723 | 22.291 | ng/ul 99  |
| 31) Hexachlorobutadiene        | 11.21 | 225 | 89557  | 20.574 | ng/ul 95  |
| 32) Caprolactam                | 11.76 | 113 | 19261  | 10.383 | ng/ul 96  |
| 33) 4-Chloro-3-methylphenol    | 12.14 | 107 | 120782 | 21.381 | ng/ul 99  |
| 34) 2-Methylnaphthalene        | 12.52 | 142 | 282774 | 21.237 | ng/ul 99  |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\  
 Data File : BG041933.D  
 Acq On : 4 Aug 2019 8:00  
 Operator : HP/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

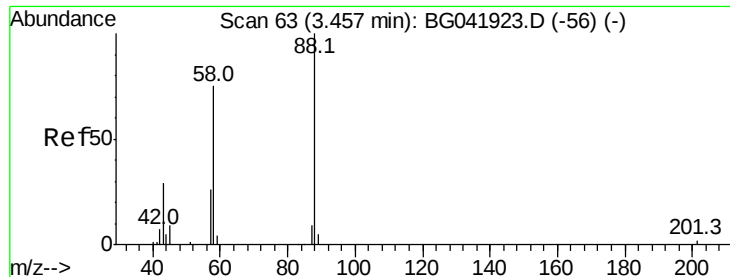
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Aug 04 09:44:17 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\SOM-EPA-BG080319MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Aug 04 03:32:07 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.89 | 216  | 190965   | 23.703 | ng/ul  | 98       |
| 37) Hexachlorocyclopentadiene  | 12.87 | 237  | 86958    | 17.096 | ng/ul  | 94       |
| 38) 2,4,6-Trichlorophenol      | 13.12 | 196  | 116293   | 23.324 | ng/ul  | 99       |
| 39) 2,4,5-Trichlorophenol      | 13.19 | 196  | 129279   | 23.246 | ng/ul  | 98       |
| 40) 1,1'-Biphenyl              | 13.52 | 154  | 366408   | 22.363 | ng/ul  | 98       |
| 41) 2-Chloronaphthalene        | 13.57 | 162  | 296634   | 22.484 | ng/ul  | 99       |
| 42) 2-Nitroaniline             | 13.76 | 65   | 76822    | 22.259 | ng/ul  | 96       |
| 44) Dimethylphthalate          | 14.14 | 163  | 358232   | 20.645 | ng/ul  | 98       |
| 45) 2,6-Dinitrotoluene         | 14.26 | 165  | 84325    | 22.342 | ng/ul  | 99       |
| 47) Acenaphthylene             | 14.42 | 152  | 433927   | 21.536 | ng/ul  | 98       |
| 48) 3-Nitroaniline             | 14.59 | 138  | 70944    | 23.570 | ng/ul  | 98       |
| 49) Acenaphthene               | 14.76 | 153  | 301438   | 21.396 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.80 | 184  | 49508    | 23.972 | ng/ul  | 93       |
| 52) 4-Nitrophenol              | 14.89 | 109  | 46687    | 21.470 | ng/ul  | 98       |
| 53) Dibenzofuran               | 15.09 | 168  | 461230   | 21.936 | ng/ul  | 100      |
| 54) 2,4-Dinitrotoluene         | 15.04 | 165  | 120477   | 21.954 | ng/ul  | 94       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.31 | 232  | 117824   | 22.355 | ng/ul# | 98       |
| 56) Diethylphthalate           | 15.51 | 149  | 341425   | 19.780 | ng/ul  | 97       |
| 58) Fluorene                   | 15.74 | 166  | 362654   | 21.413 | ng/ul  | 97       |
| 59) 4-Chlorophenyl-phenylether | 15.74 | 204  | 216060   | 21.970 | ng/ul  | 98       |
| 60) 4-Nitroaniline             | 15.75 | 138  | 75614    | 22.548 | ng/ul  | 99       |
| 63) 4,6-Dinitro-2-methylphenol | 15.81 | 198  | 69902    | 20.155 | ng/ul  | 99       |
| 64) N-Nitrosodiphenylamine     | 15.94 | 169  | 330954   | 22.232 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.63 | 248  | 149807   | 22.552 | ng/ul  | 97       |
| 66) Hexachlorobenzene          | 16.75 | 284  | 142633   | 21.379 | ng/ul  | 97       |
| 67) Atrazine                   | 16.90 | 200  | 127673   | 20.464 | ng/ul  | 99       |
| 68) Pentachlorophenol          | 17.10 | 266  | 87059    | 23.958 | ng/ul  | 95       |
| 69) Phenanthrene               | 17.49 | 178  | 601919   | 21.912 | ng/ul  | 98       |
| 71) Anthracene                 | 17.58 | 178  | 607759   | 21.814 | ng/ul  | 99       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.49 | 216  | 191951   | 24.006 | ng/uL  | 99       |
| 73) Pentachlorobenzene         | 15.02 | 250  | 186939   | 23.122 | ng/uL  | 99       |
| 74) Carbazole                  | 17.85 | 167  | 532457   | 23.072 | ng/ul  | 100      |
| 75) Di-n-butylphthalate        | 18.41 | 149  | 571477   | 20.091 | ng/ul  | 99       |
| 76) Fluoranthene               | 19.50 | 202  | 758512   | 23.899 | ng/ul  | 98       |
| 79) Pvrene                     | 19.86 | 202  | 729201   | 21.573 | ng/ul  | 98       |
| 80) Butylbenzylphthalate       | 20.74 | 149  | 257346   | 19.343 | ng/ul  | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.62 | 252  | 243628   | 21.331 | ng/ul  | 98       |
| 82) Benzo(a)anthracene         | 21.71 | 228  | 752313   | 21.592 | ng/ul  | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.62 | 149  | 336127   | 18.516 | ng/ul  | 99       |
| 84) Chrysene                   | 21.78 | 228  | 718396   | 22.091 | ng/ul  | 98       |
| 86) Di-n-octyl phthalate       | 22.85 | 149  | 613236   | 23.318 | ng/ul  | 100      |
| 87) Benzo(b)fluoranthene       | 23.96 | 252  | 721855   | 21.640 | ng/ul  | 99       |
| 88) Benzo(k)fluoranthene       | 24.03 | 252  | 766103   | 23.886 | ng/ul  | 99       |
| 90) Benzo(a)pyrene             | 24.84 | 252  | 712827   | 22.425 | ng/ul  | 100      |
| 91) Indeno(1,2,3-cd)pyrene     | 28.73 | 276  | 724755   | 19.548 | ng/ul  | 98       |
| 92) Dibenzo(a,h)anthracene     | 28.81 | 278  | 604922   | 20.003 | ng/ul  | 100      |
| 93) Benzo(g,h,i)perylene       | 29.90 | 276  | 522902   | 16.893 | ng/ul  | 97       |

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





#2

1,4-Dioxane

Concen: 7.228 ng/uL

RT: 3.46 min Scan# 63

Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

Instrument :

BNA\_G

ClientSampleId :

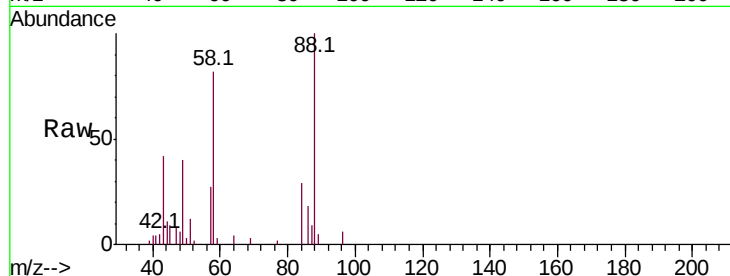
Tot Ion: 88 Resp: 13850

Ion Ratio Lower Upper

88 100

43 42.2 36.3 54.5

58 82.3 66.0 99.0

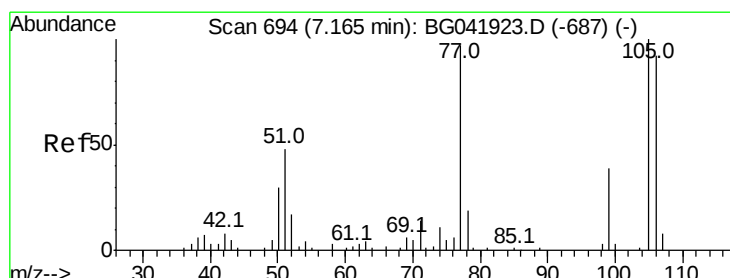
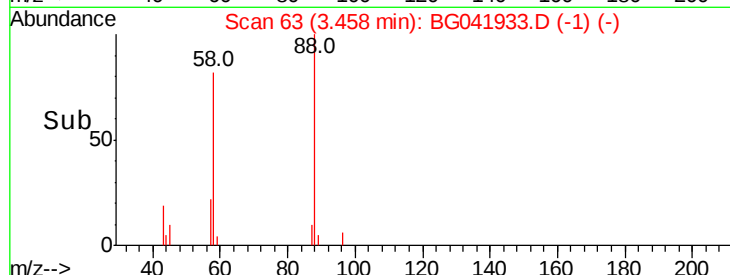
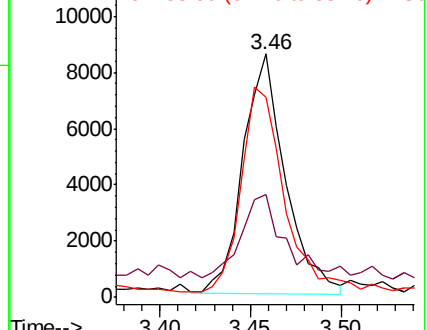


Abundance

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: 19.335 ng/uL

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

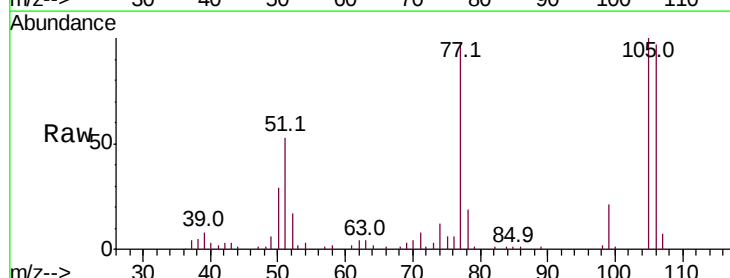
Tgt Ion: 77 Resp: 58013

Ion Ratio Lower Upper

77 100

105 103.4 80.7 121.1

106 99.8 76.3 114.5

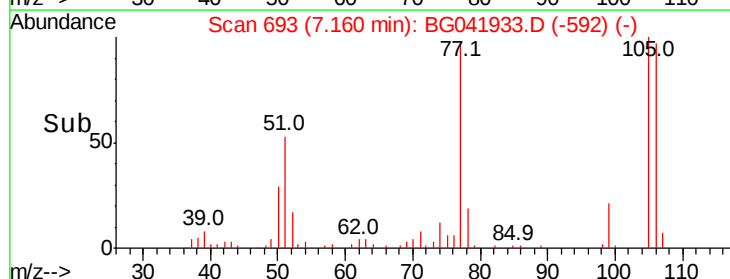
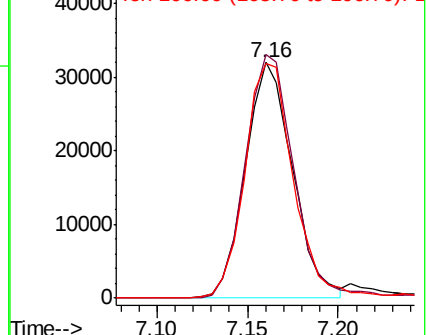


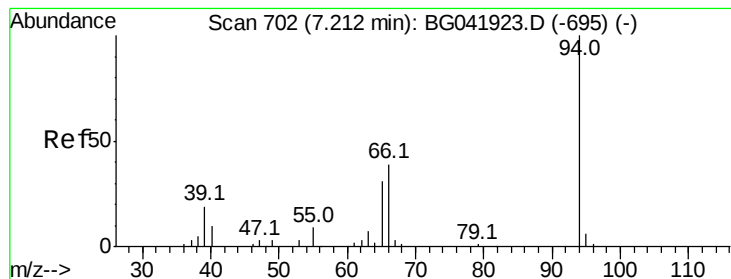
Abundance

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: 20.834 ng/ul

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

Instrument :

BNA\_G

ClientSampleId :

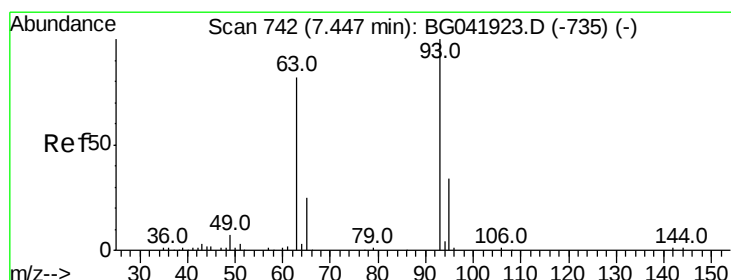
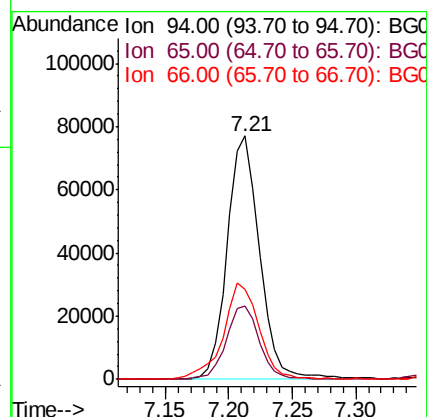
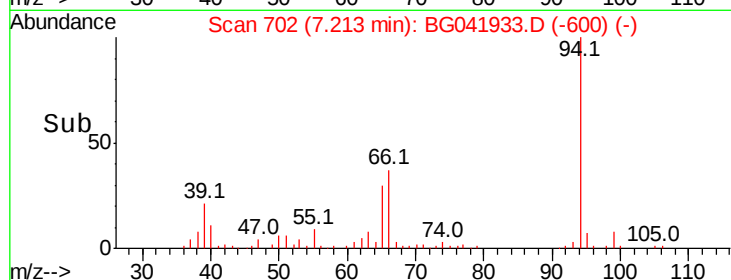
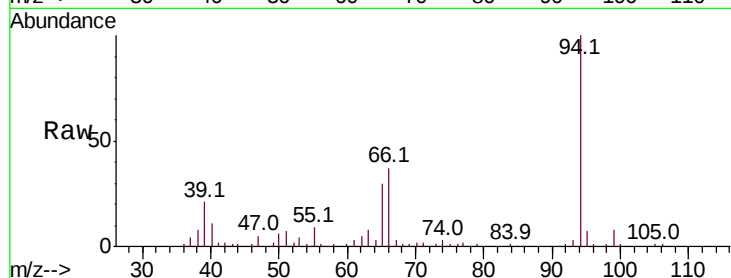
Tot Ion: 94 Resp: 136562

Ion Ratio Lower Upper

94 100

65 30.2 25.8 38.6

66 36.9 31.8 47.8



#8

Bis(2-Chloroethyl)ether

Concen: 20.282 ng/ul

RT: 7.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

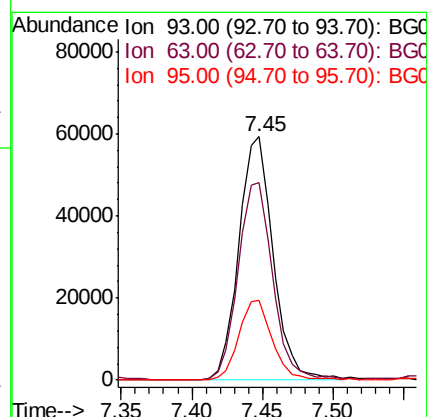
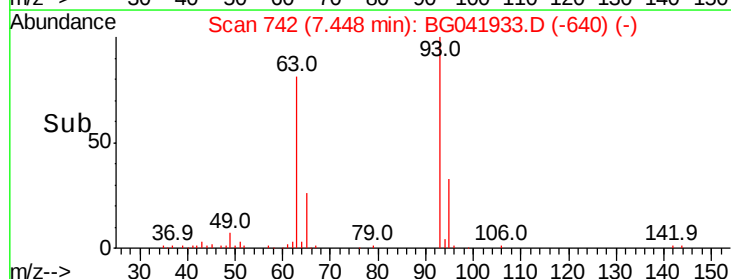
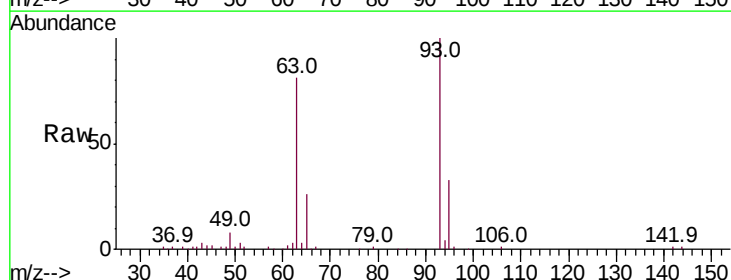
Tgt Ion: 93 Resp: 101143

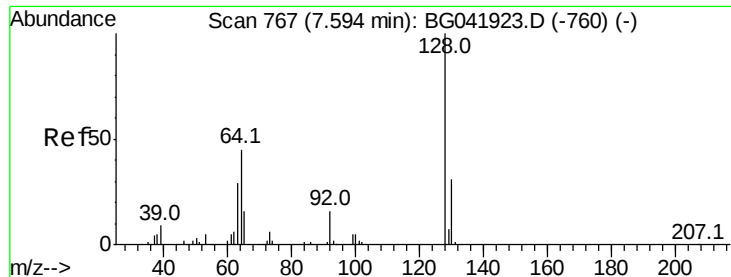
Ion Ratio Lower Upper

93 100

63 81.1 67.4 101.0

95 32.9 25.9 38.9

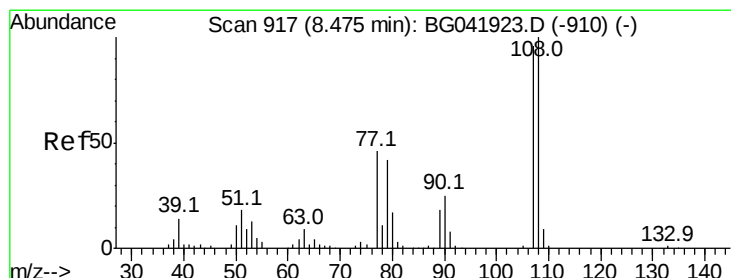
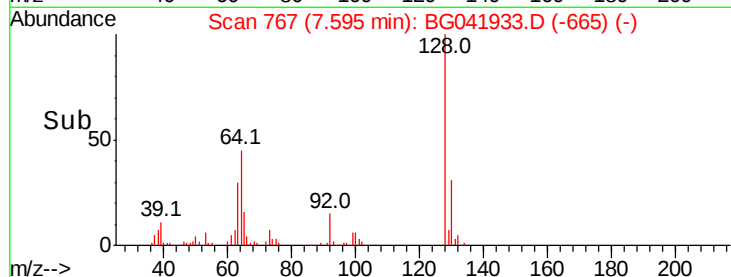
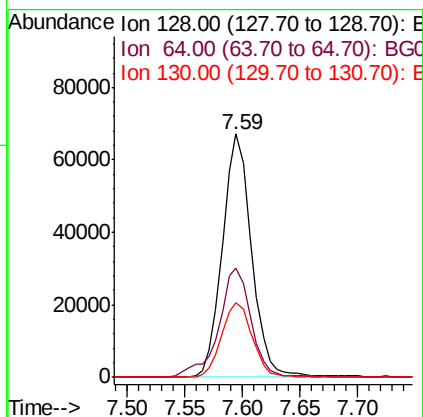
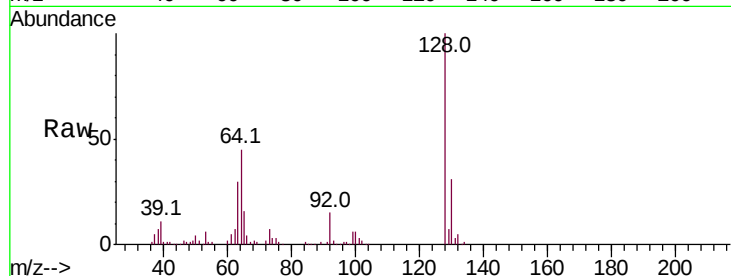




#10  
2-Chlorophenol  
Concen: 21.472 ng/ul  
RT: 7.59 min Scan# 767  
Delta R.T. 0.00 min  
Lab File: BG041933.D  
Acq: 4 Aug 2019 8:00

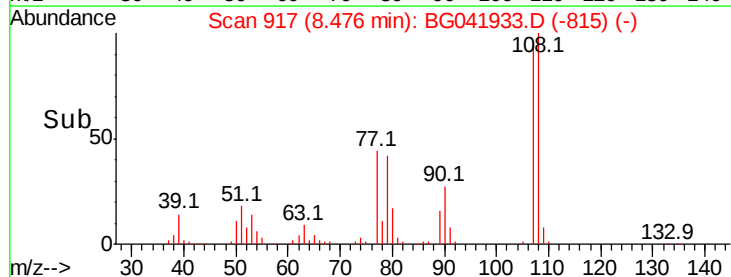
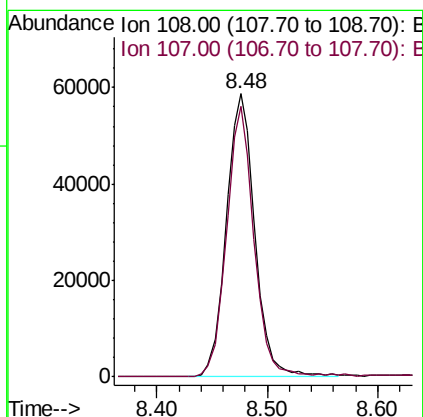
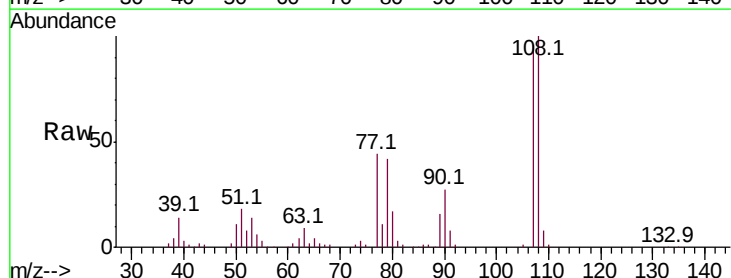
Instrument :  
BNA\_G  
ClientSampleId :

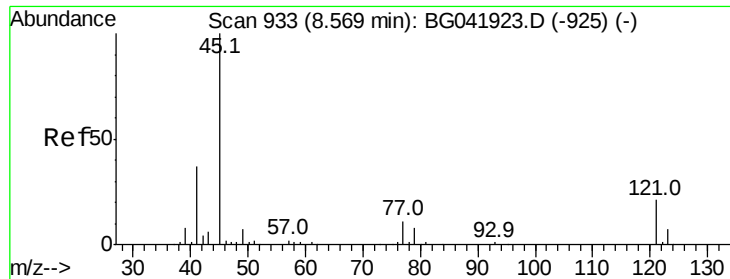
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 44.9  | 35.5  | 53.3  |
| 130     | 30.7  | 26.2  | 39.4  |



#11  
2-Methylphenol  
Concen: 20.178 ng/ul  
RT: 8.48 min Scan# 917  
Delta R.T. 0.00 min  
Lab File: BG041933.D  
Acq: 4 Aug 2019 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 95.7  | 69.9  | 104.9 |





#12

2,2'-oxvbis(1-Chloropropane)

Concen: 18.978 ng/ul

RT: 8.56 min Scan# 932

Delta R.T. -0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

Instrument :

BNA\_G

ClientSampled :

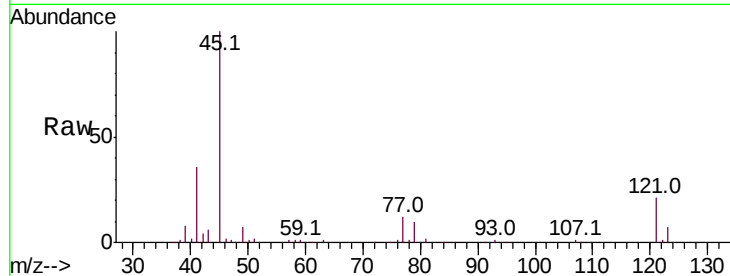
Tot Ion: 45 Resp: 160081

Ion Ratio Lower Upper

45 100

77 12.0 8.6 12.8

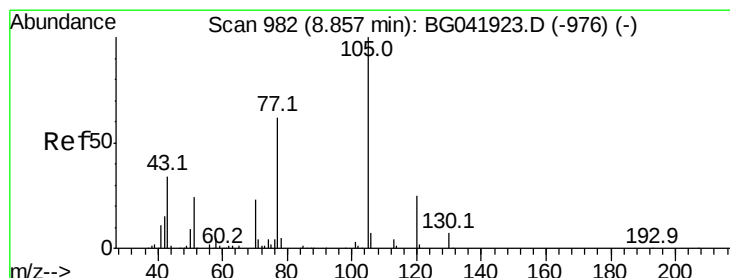
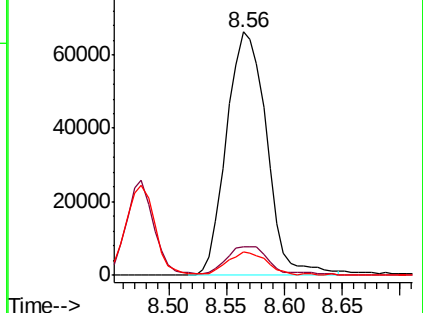
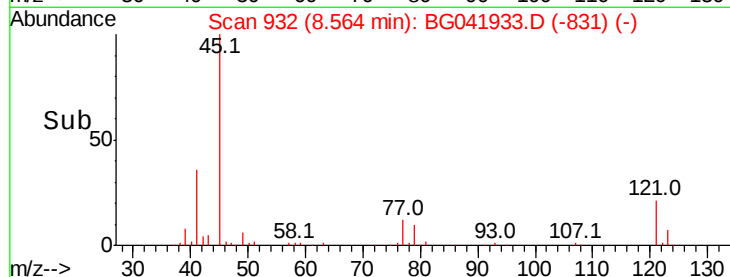
79 9.7 7.2 10.8



Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#14

Acetophenone

Concen: 20.441 ng/ul

RT: 8.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

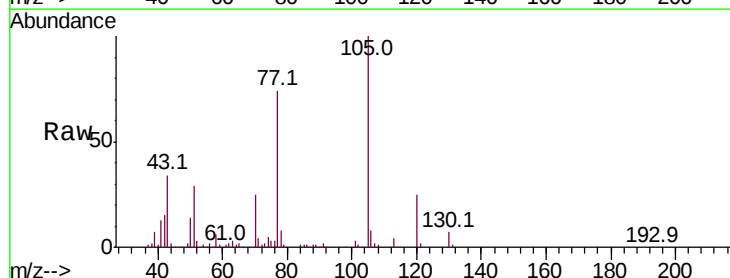
Tgt Ion:105 Resp: 167610

Ion Ratio Lower Upper

105 100

77 74.2 60.0 90.0

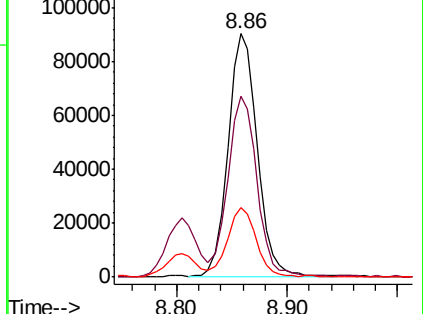
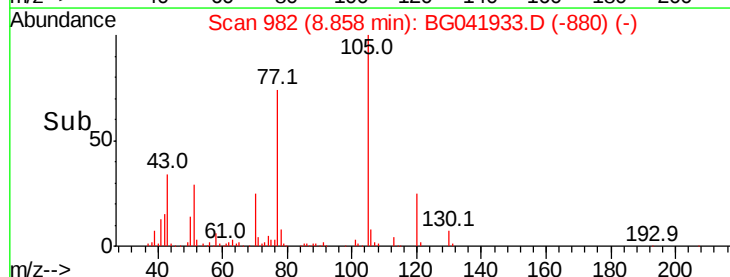
51 28.7 22.1 33.1

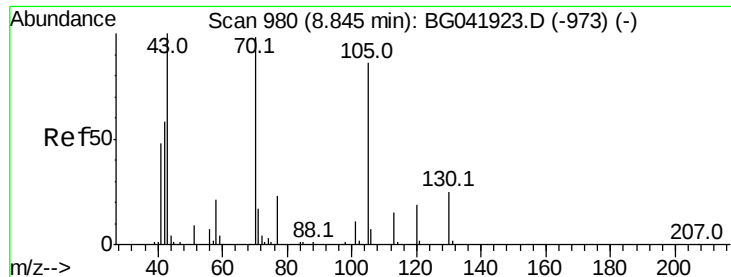


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 51.00 (50.70 to 51.70): BGC





#15

N-Nitroso-di-n-propylamine

Concen: 18.431 ng/ul

RT: 8.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 70 Resp: 79838

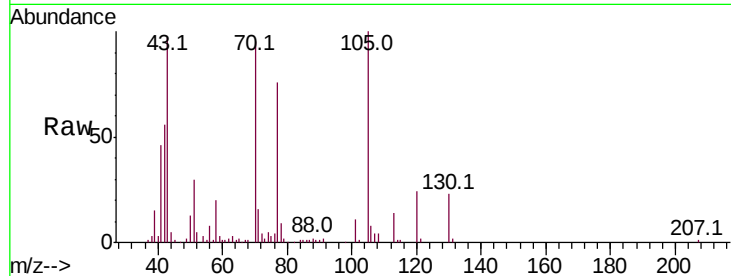
Ion Ratio Lower Upper

70 100

42 58.3 46.4 69.6

101 11.3 9.7 14.5

130 24.1 21.1 31.7

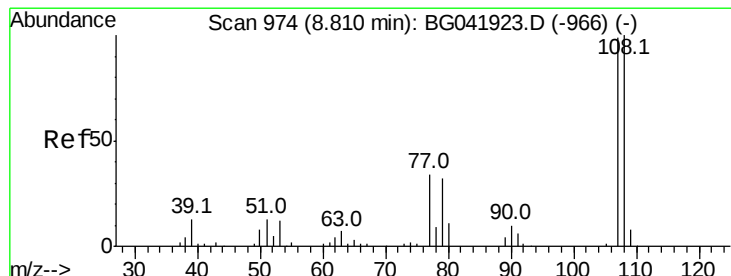
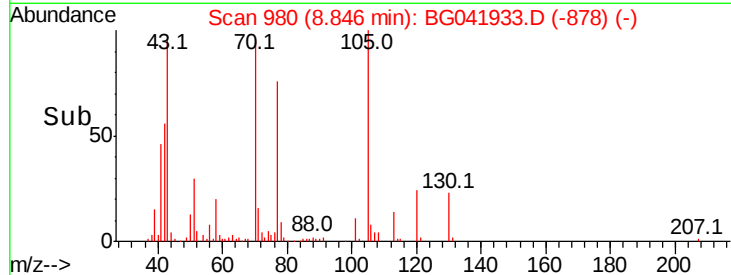
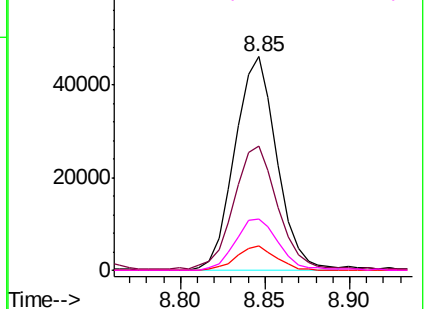


Abundance Ion 70.00 (69.70 to 70.70): BG041933.D (-973) (-)

Ion 42.00 (41.70 to 42.70): BG041933.D (-973) (-)

Ion 101.00 (100.70 to 101.70): BG041933.D (-973) (-)

Ion 130.00 (129.70 to 130.70): BG041933.D (-973) (-)



#16

4-Methylphenol

Concen: 20.315 ng/ul

RT: 8.80 min Scan# 973

Delta R.T. -0.00 min

Lab File: BG041933.D

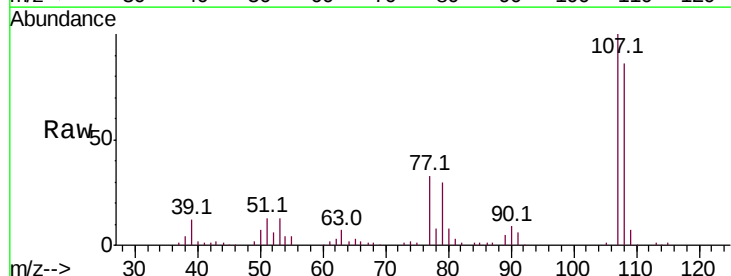
Acq: 4 Aug 2019 8:00

Tgt Ion:108 Resp: 115335

Ion Ratio Lower Upper

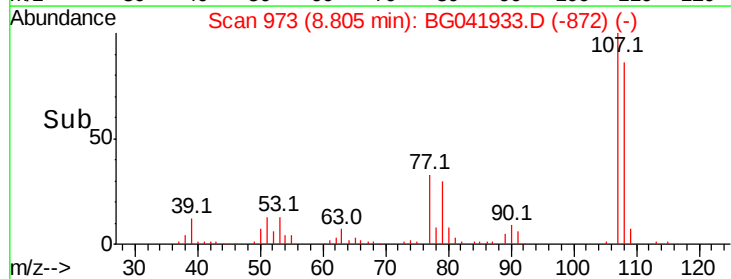
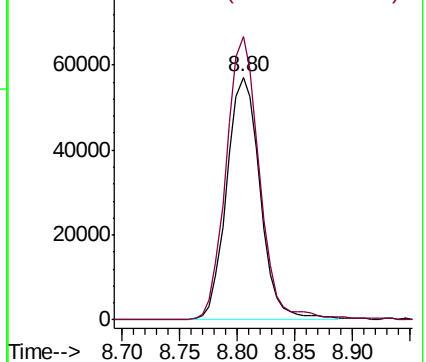
108 100

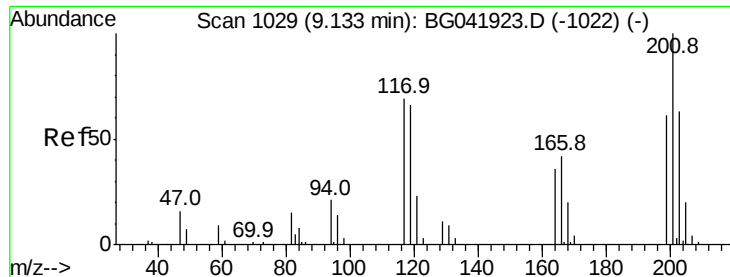
107 116.5 96.2 144.2



Abundance Ion 108.00 (107.70 to 108.70): BG041933.D (-872) (-)

Ion 107.00 (106.70 to 107.70): BG041933.D (-872) (-)

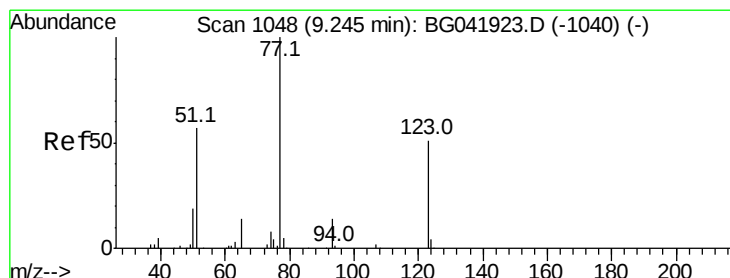
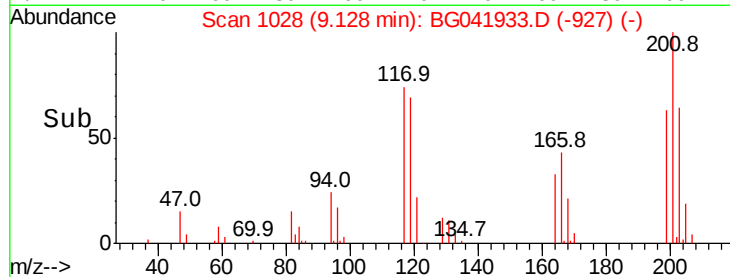
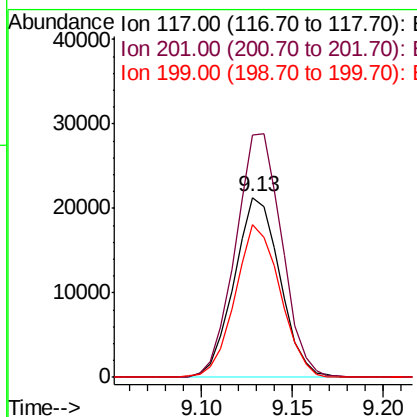
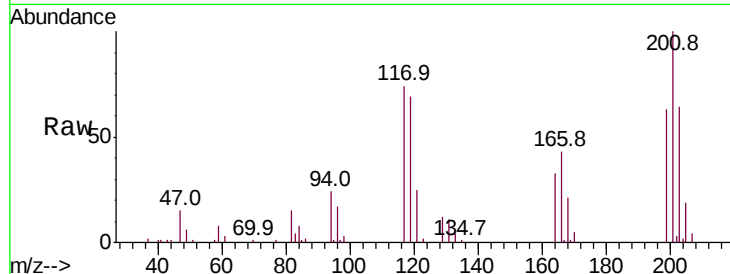




#17  
 Hexachloroethane  
 Concen: 16.455 ng/ul  
 RT: 9.13 min Scan# 1028  
 Delta R.T. -0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

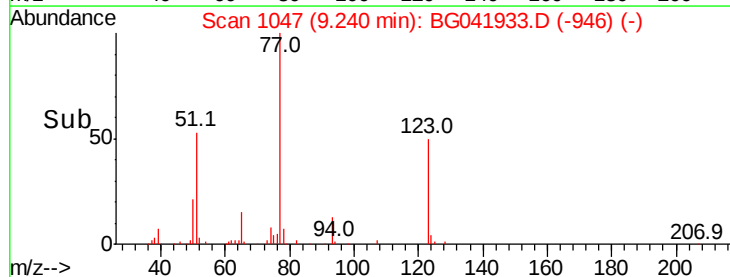
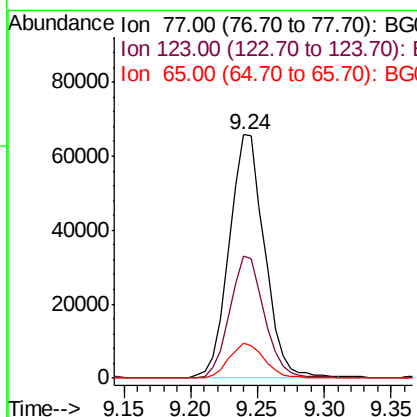
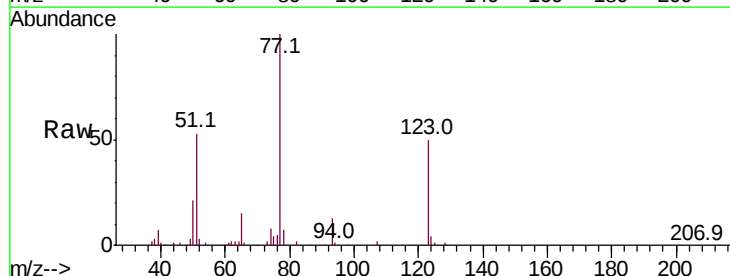
Instrument :  
 BNA\_G  
 ClientSampleId :

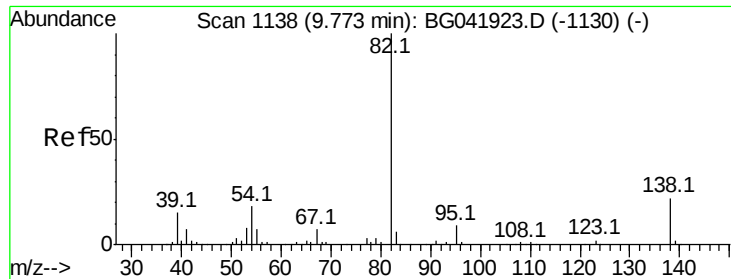
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 117   | Resp: | 37499 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 134.5 | 103.4 | 155.2 |
| 199      | 84.8  | 62.9  | 94.3  |



#20  
 Nitrobenzene  
 Concen: 21.532 ng/ul  
 RT: 9.24 min Scan# 1047  
 Delta R.T. -0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 120972 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 123      | 50.1  | 38.3  | 57.5   |
| 65       | 14.6  | 11.6  | 17.4   |

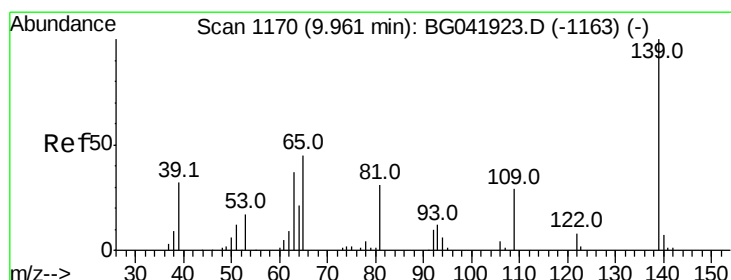
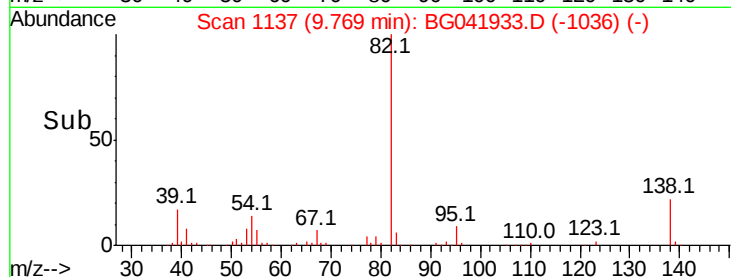
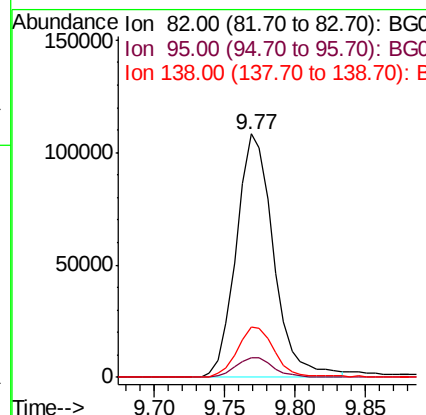
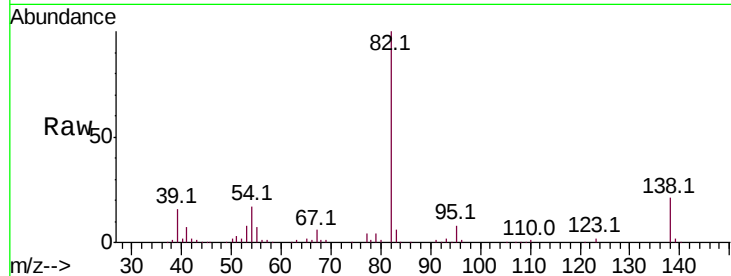




#21  
Isophorone  
Concen: 17.908 ng/ul  
RT: 9.77 min Scan# 1137  
Delta R.T. -0.00 min  
Lab File: BG041933.D  
Acq: 4 Aug 2019 8:00

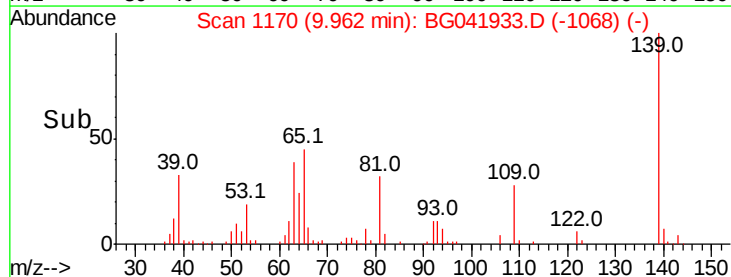
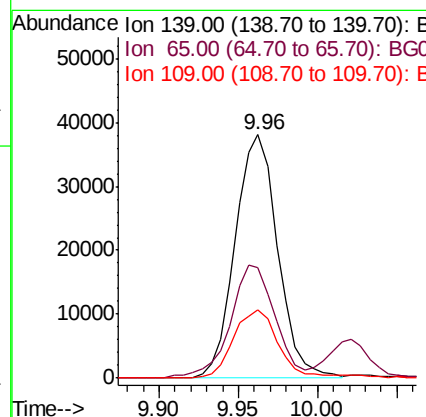
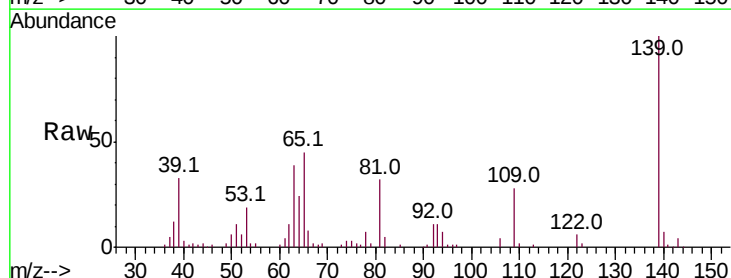
Instrument :  
BNA\_G  
ClientSampleId :

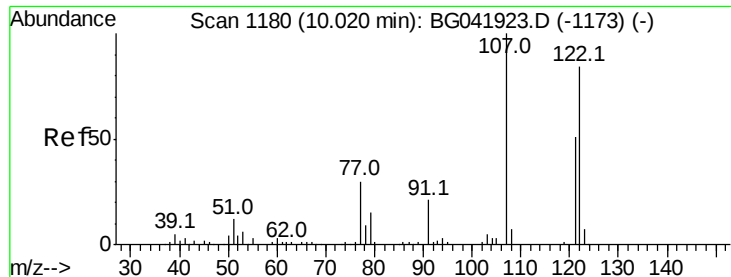
Tot Ion: 82 Resp: 200598  
Ion Ratio Lower Upper  
82 100  
95 7.8 5.6 8.4  
138 20.7 15.8 23.8



#23  
2-Nitrophenol  
Concen: 23.159 ng/ul  
RT: 9.96 min Scan# 1170  
Delta R.T. 0.00 min  
Lab File: BG041933.D  
Acq: 4 Aug 2019 8:00

Tgt Ion:139 Resp: 70862  
Ion Ratio Lower Upper  
139 100  
65 45.4 38.6 57.8  
109 28.1 21.9 32.9

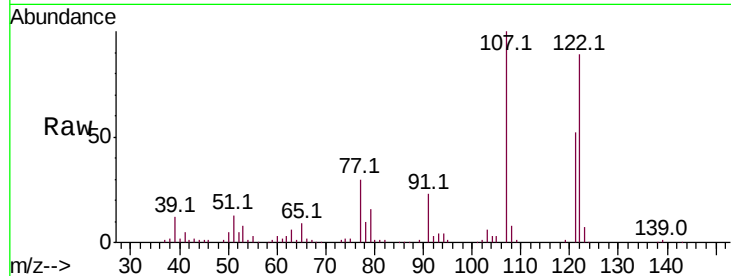




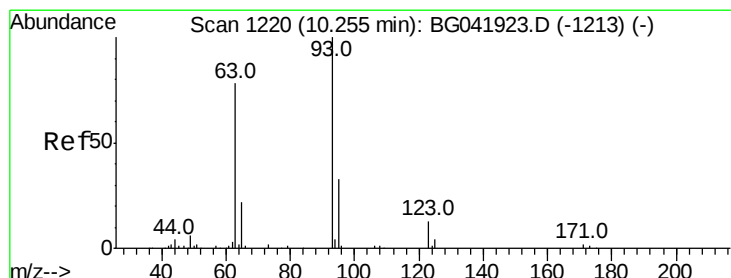
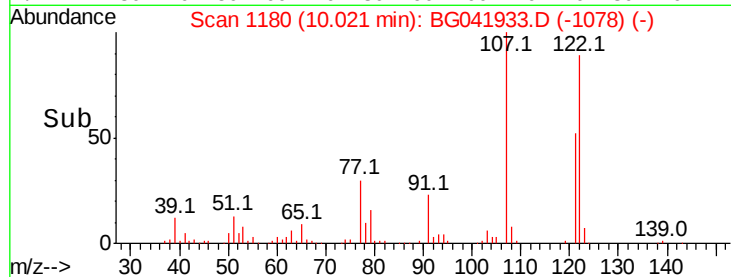
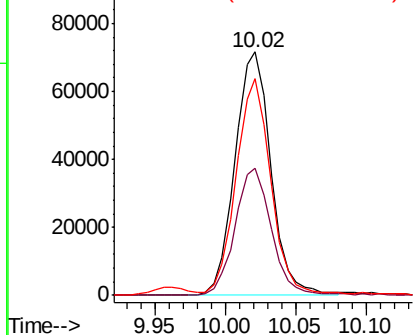
#24  
 2,4-Dimethylphenol  
 Concen: 21.187 ng/ul  
 RT: 10.02 min Scan# 1180  
 Delta R.T. 0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:107 Resp: 127912  
 Ion Ratio Lower Upper  
 107 100  
 121 52.2 45.0 67.6  
 122 88.8 68.1 102.1

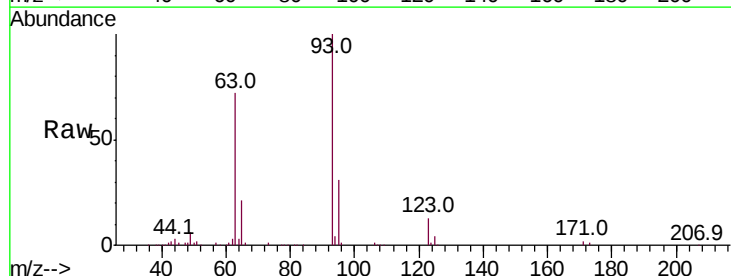


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E  
 Ion 122.00 (121.70 to 122.70): E

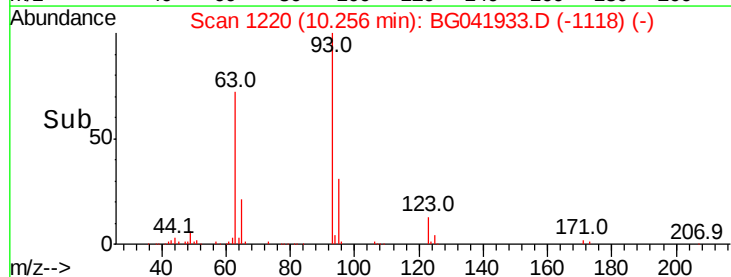
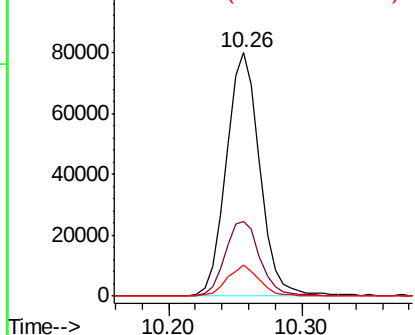


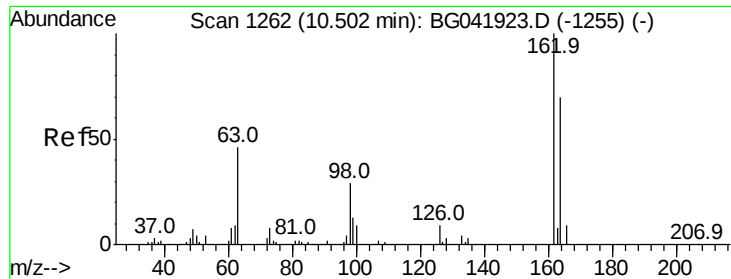
#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 21.070 ng/ul  
 RT: 10.26 min Scan# 1220  
 Delta R.T. 0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

Tgt Ion: 93 Resp: 140126  
 Ion Ratio Lower Upper  
 93 100  
 95 30.6 25.4 38.0  
 123 12.6 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

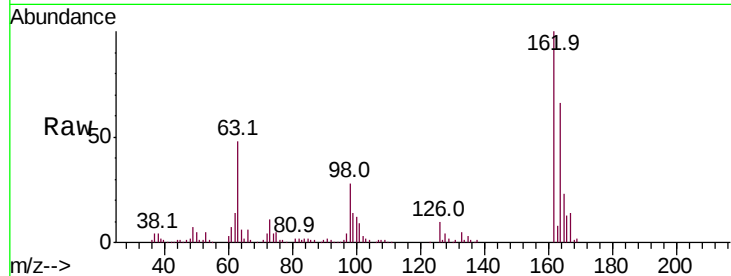




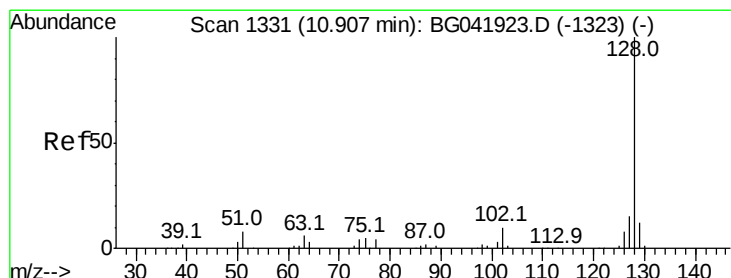
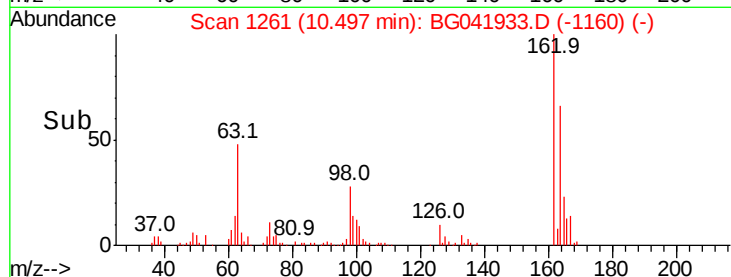
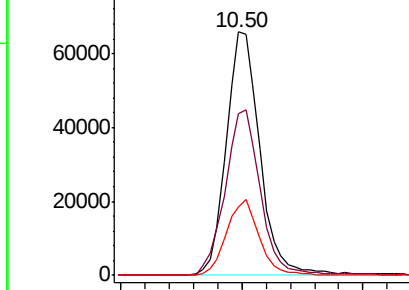
#27  
2,4-Dichlorophenol  
Concen: 22.268 ng/ul  
RT: 10.50 min Scan# 1261  
Delta R.T. -0.00 min  
Lab File: BG041933.D  
Acq: 4 Aug 2019 8:00

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:162 Resp: 127672  
Ion Ratio Lower Upper  
162 100  
164 66.3 54.6 82.0  
98 28.1 24.6 36.8

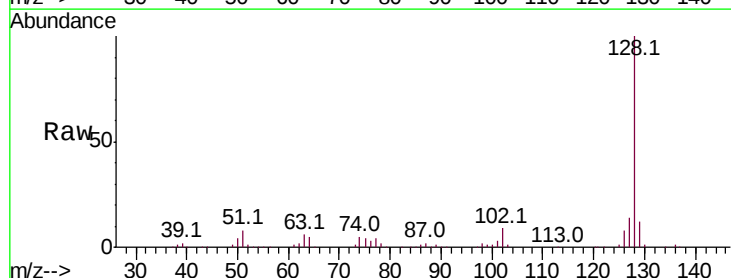


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BGC

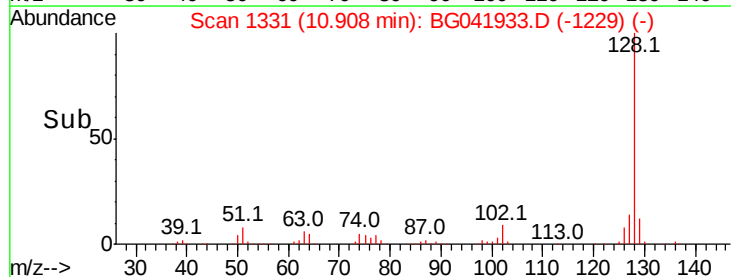
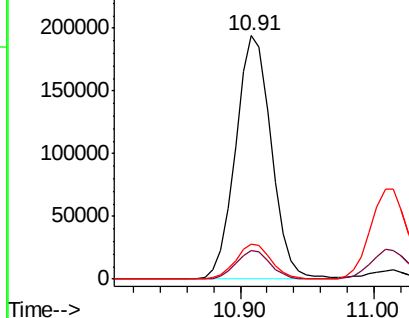


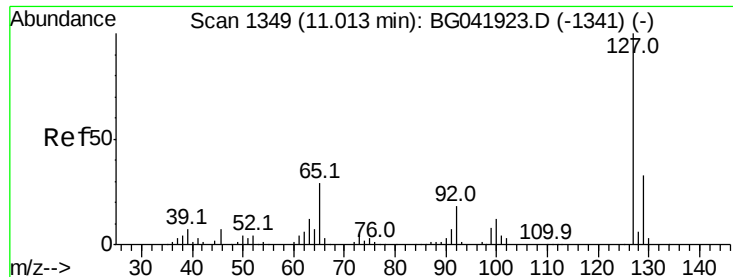
#28  
Naphthalene  
Concen: 21.470 ng/ul  
RT: 10.91 min Scan# 1331  
Delta R.T. 0.00 min  
Lab File: BG041933.D  
Acq: 4 Aug 2019 8:00

Tgt Ion:128 Resp: 359676  
Ion Ratio Lower Upper  
128 100  
129 11.9 9.5 14.3  
127 14.2 11.4 17.0



Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

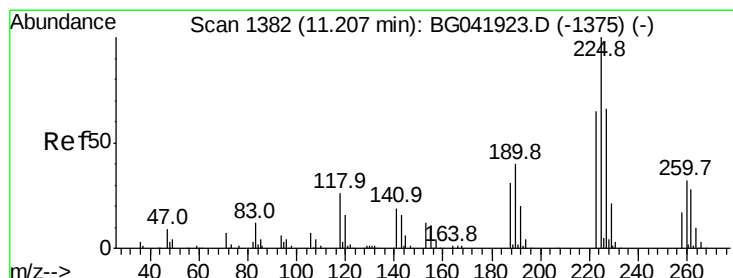
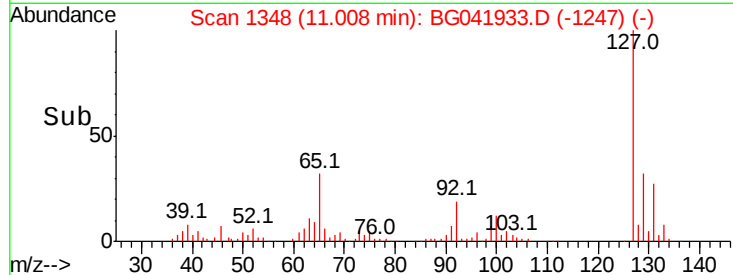
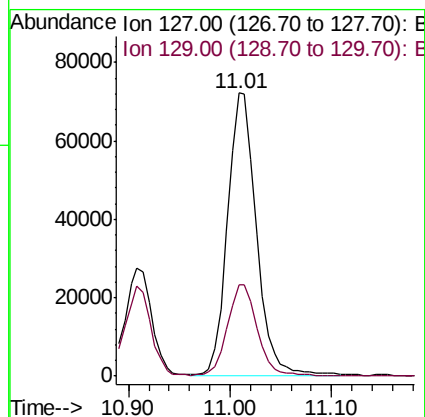
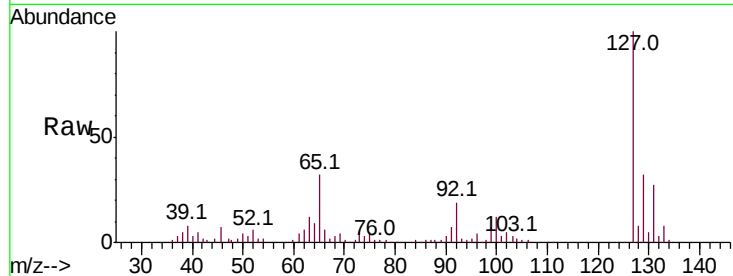




#30  
 4-Chloroaniline  
 Concen: 22.291 ng/ul  
 RT: 11.01 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

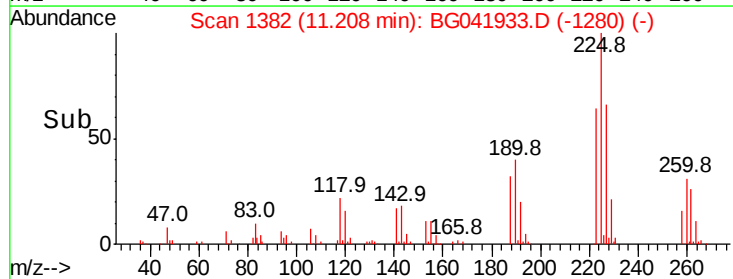
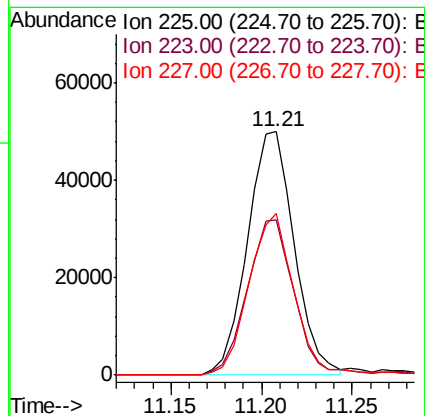
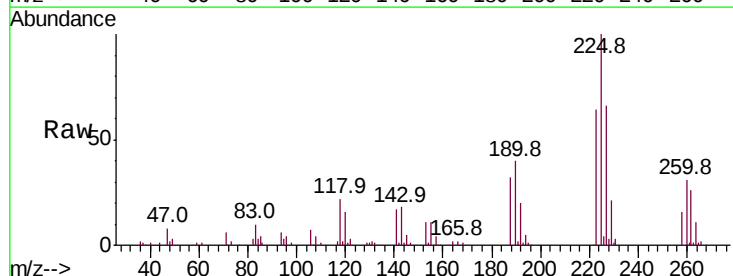
Instrument :  
 BNA\_G  
 ClientSampleId :

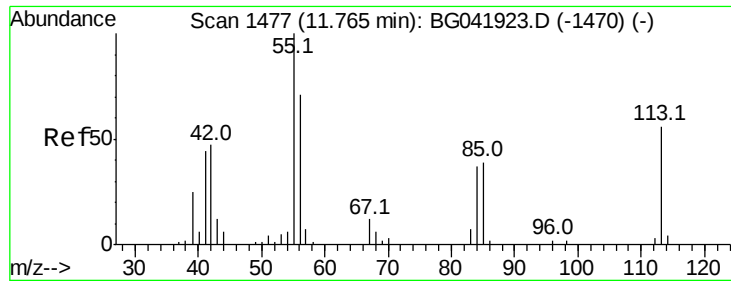
Tot Ion:127 Resp: 143723  
 Ion Ratio Lower Upper  
 127 100  
 129 32.3 26.5 39.7



#31  
 Hexachlorobutadiene  
 Concen: 20.574 ng/ul  
 RT: 11.21 min Scan# 1382  
 Delta R.T. 0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

Tgt Ion:225 Resp: 89557  
 Ion Ratio Lower Upper  
 225 100  
 223 63.9 49.7 74.5  
 227 69.5 50.7 76.1





#32

Caprolactam

Concen: 10.383 ng/ul

RT: 11.76 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

Instrument :

BNA\_G

ClientSampled :

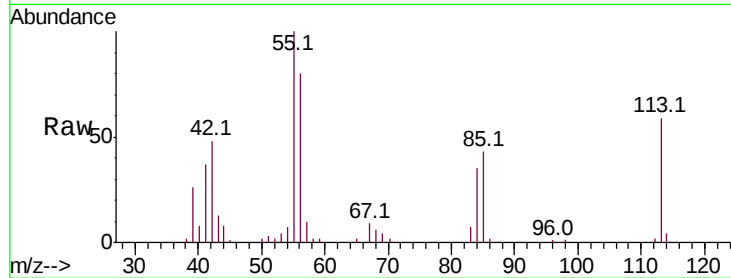
Tot Ion:113 Resp: 19261

Ion Ratio Lower Upper

113 100

55 169.2 142.4 213.6

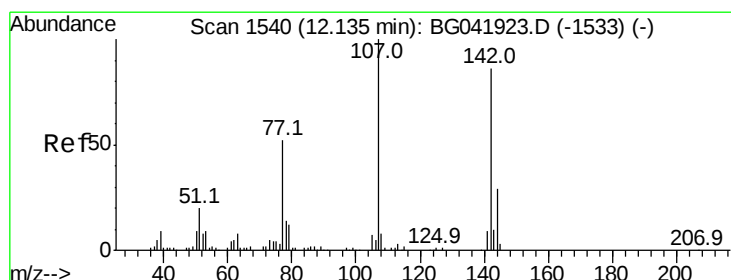
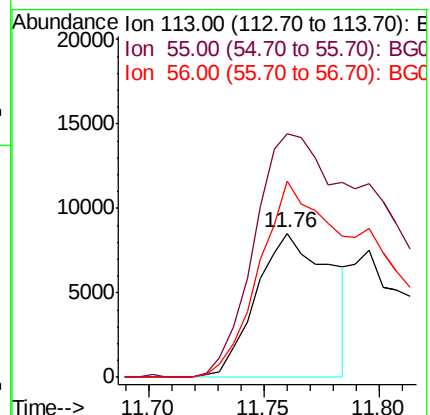
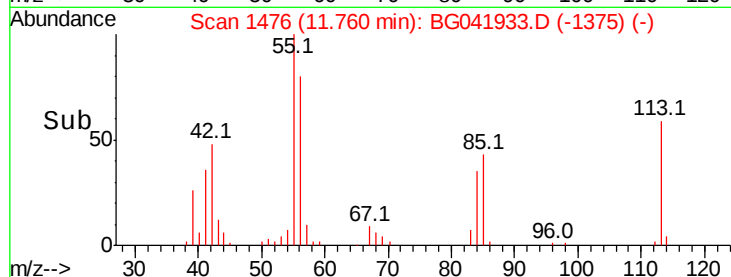
56 136.1 109.4 164.2



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



#33

4-Chloro-3-methylphenol

Concen: 21.381 ng/ul

RT: 12.14 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

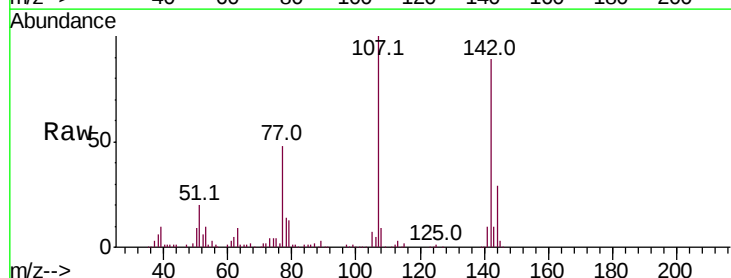
Tgt Ion:107 Resp: 120782

Ion Ratio Lower Upper

107 100

144 28.5 23.0 34.6

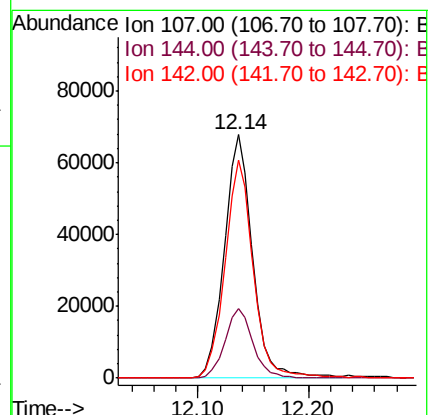
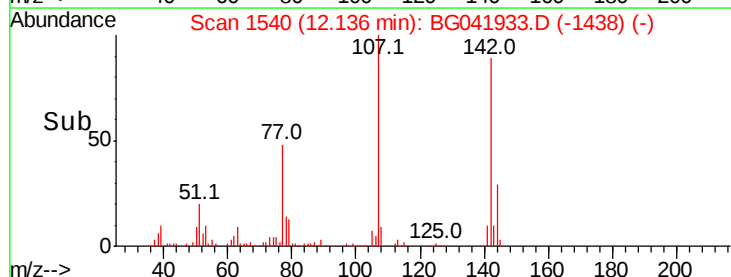
142 89.5 71.0 106.6

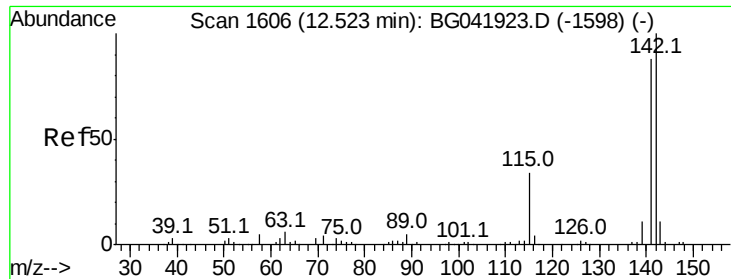


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

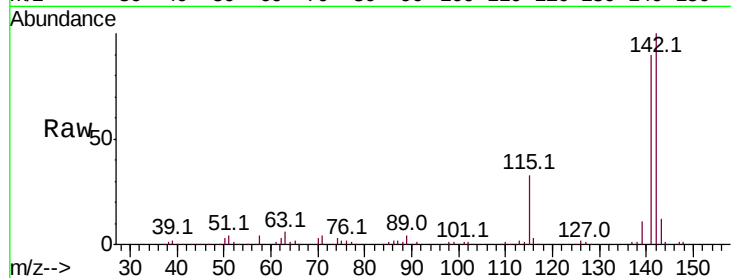




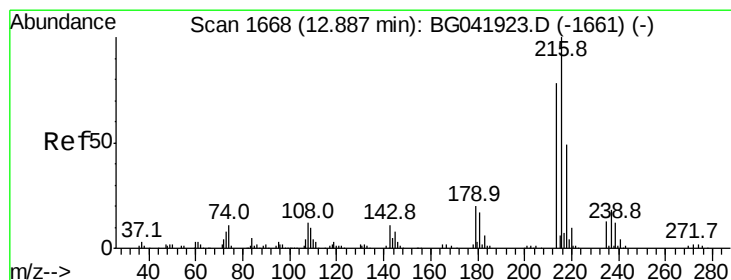
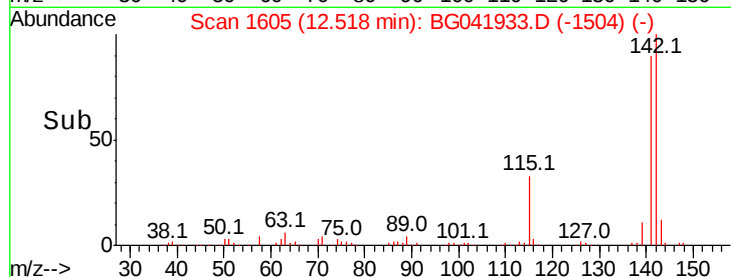
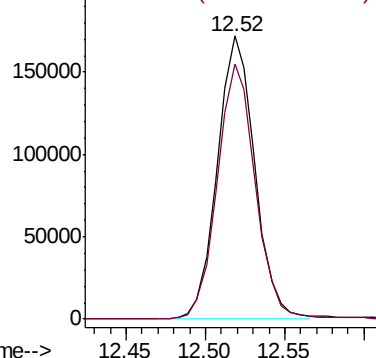
#34  
2-Methylnaphthalene  
Concen: 21.237 ng/ul  
RT: 12.52 min Scan# 1605  
Delta R.T. -0.00 min  
Lab File: BG041933.D  
Acq: 4 Aug 2019 8:00

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:142 Resp: 282774  
Ion Ratio Lower Upper  
142 100  
141 90.4 72.9 109.3

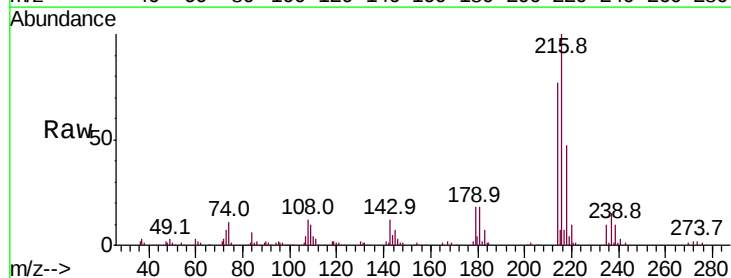


Abundance Ion 142.00 (141.70 to 142.70): E  
200000 Ion 141.00 (140.70 to 141.70): E

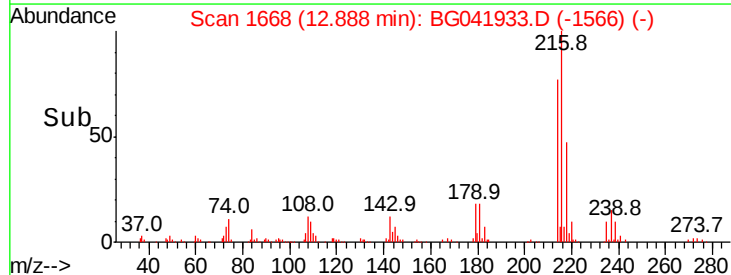
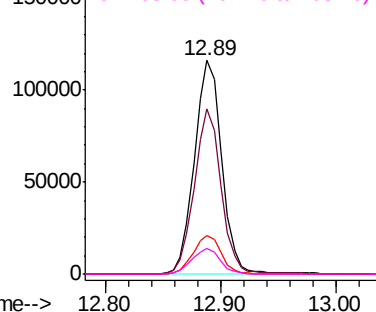


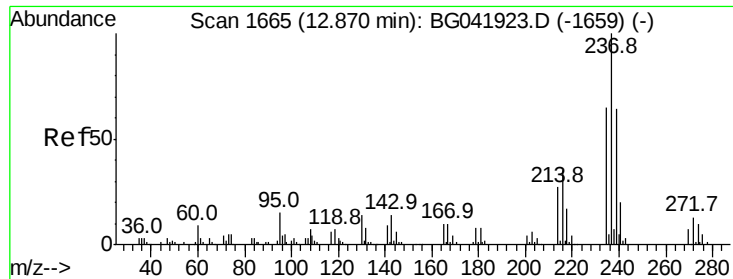
#36  
1,2,4,5-Tetrachlorobenzene  
Concen: 23.703 ng/ul  
RT: 12.89 min Scan# 1668  
Delta R.T. 0.00 min  
Lab File: BG041933.D  
Acq: 4 Aug 2019 8:00

Tgt Ion:216 Resp: 190965  
Ion Ratio Lower Upper  
216 100  
214 77.1 60.9 91.3  
179 18.3 15.4 23.2  
108 12.0 11.4 17.0



Abundance Ion 216.00 (215.70 to 216.70): E  
150000 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

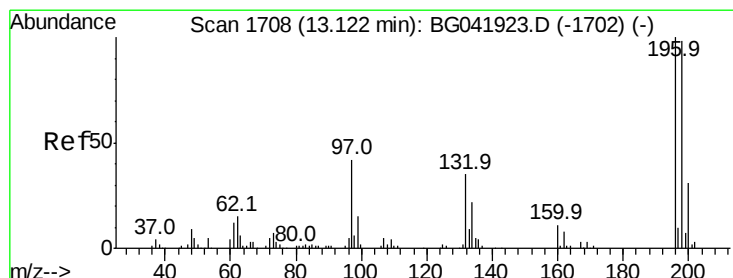
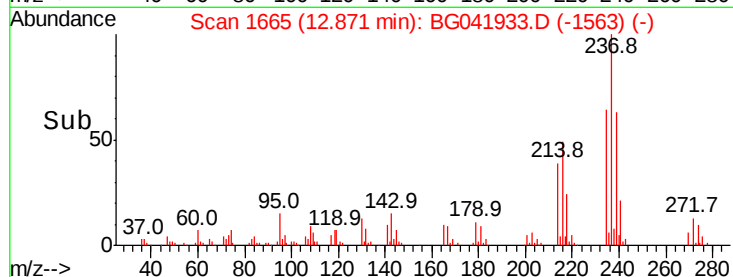
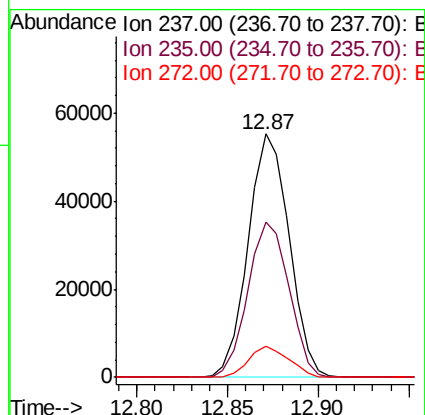
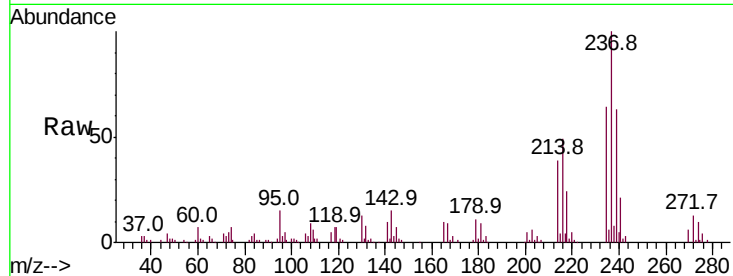




#37  
Hexachlorocyclopentadiene  
Concen: 17.096 ng/ul  
RT: 12.87 min Scan# 1665  
Delta R.T. 0.00 min  
Lab File: BG041933.D  
Acq: 4 Aug 2019 8:00

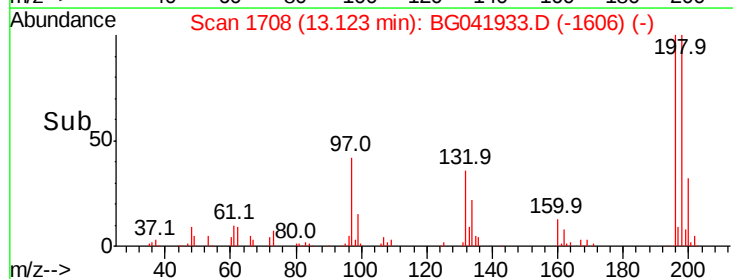
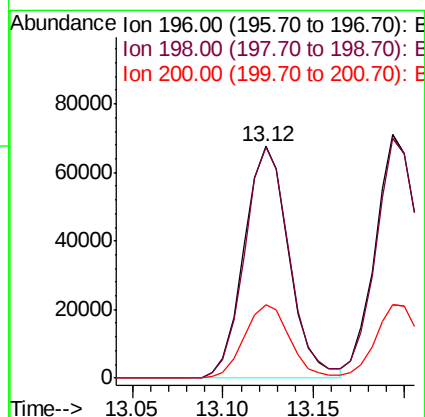
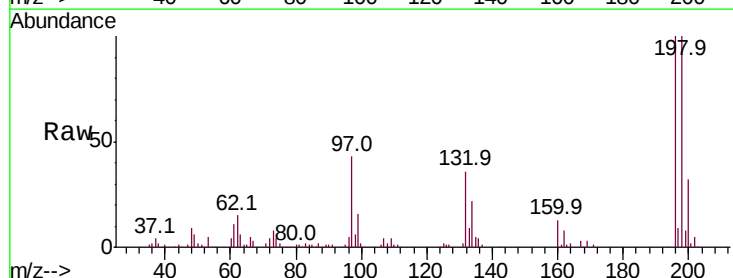
Instrument :  
BNA\_G  
ClientSampleId :

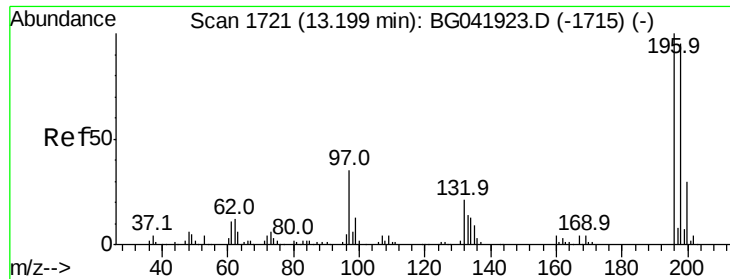
Tot Ion:237 Resp: 86958  
Ion Ratio Lower Upper  
237 100  
235 63.8 47.0 70.6  
272 12.6 8.8 13.2



#38  
2,4,6-Trichlorophenol  
Concen: 23.324 ng/ul  
RT: 13.12 min Scan# 1708  
Delta R.T. 0.00 min  
Lab File: BG041933.D  
Acq: 4 Aug 2019 8:00

Tgt Ion:196 Resp: 116293  
Ion Ratio Lower Upper  
196 100  
198 99.8 80.0 120.0  
200 31.7 26.9 40.3

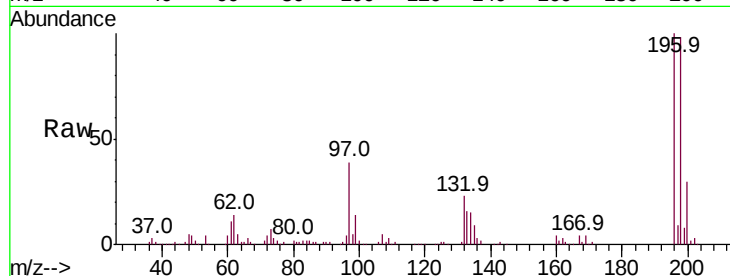




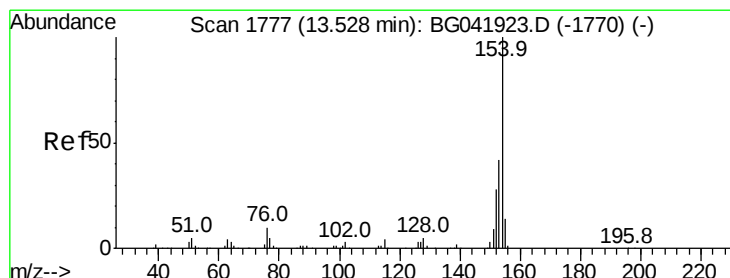
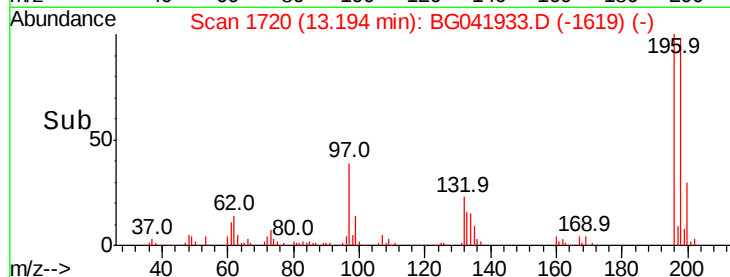
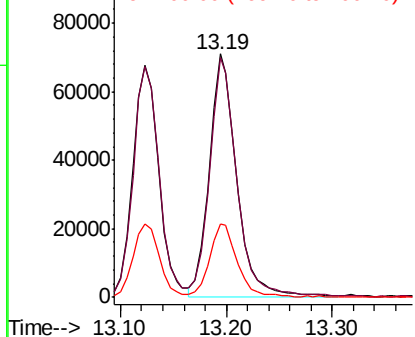
#39  
 2,4,5-Trichlorophenol  
 Concen: 23.246 ng/ul  
 RT: 13.19 min Scan# 1720  
 Delta R.T. -0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.3  | 76.8  | 115.2 |
| 200     | 30.0  | 24.9  | 37.3  |

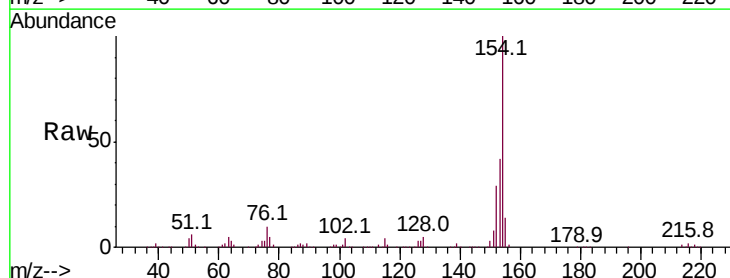


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

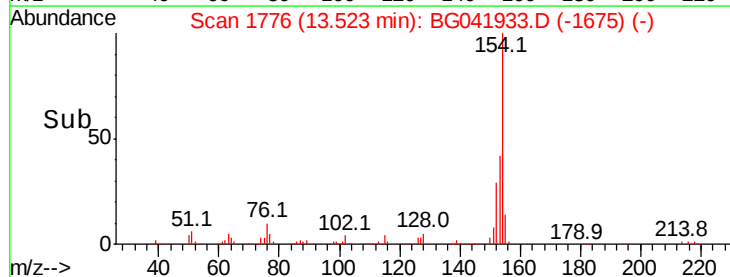
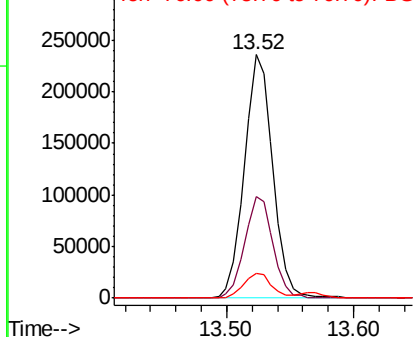


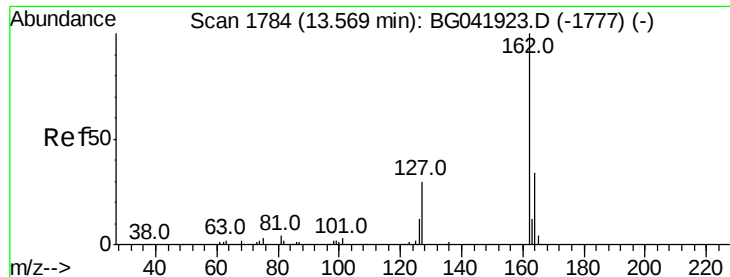
#40  
 1,1'-Biphenyl  
 Concen: 22.363 ng/ul  
 RT: 13.52 min Scan# 1776  
 Delta R.T. -0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.7  | 32.6  | 48.8  |
| 76      | 10.1  | 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

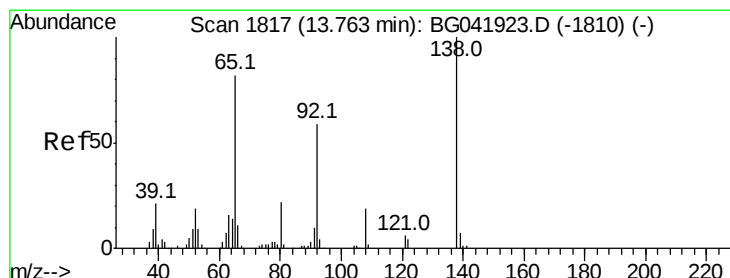
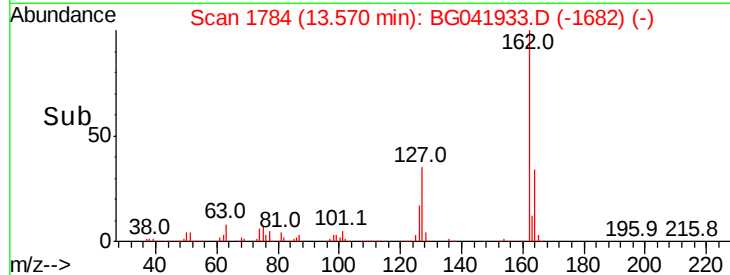
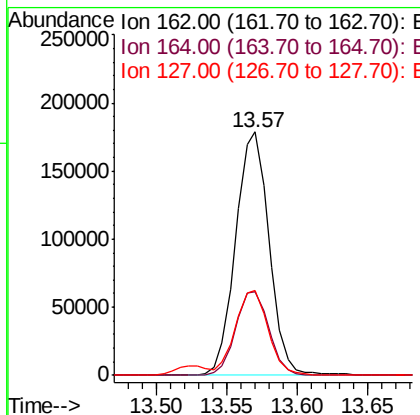
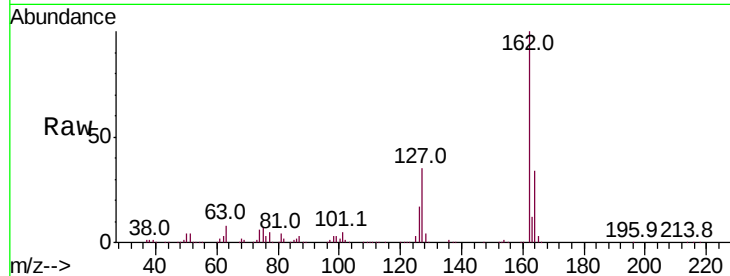




#41  
 2-Chloronaphthalene  
 Concen: 22.484 ng/ul  
 RT: 13.57 min Scan# 1784  
 Delta R.T. 0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

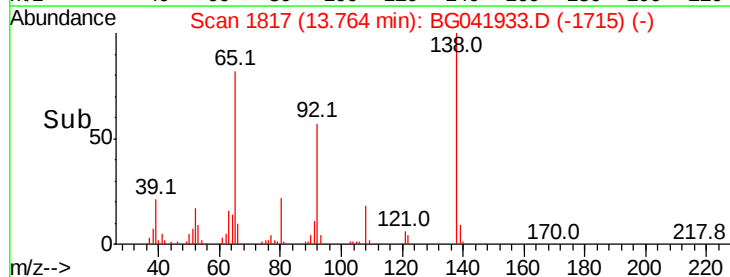
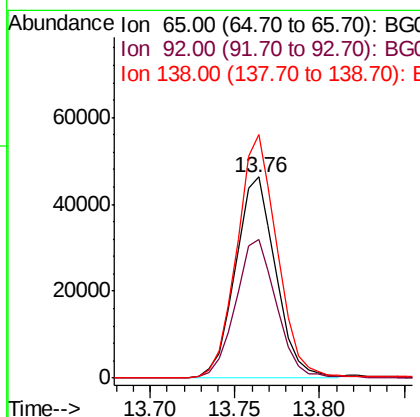
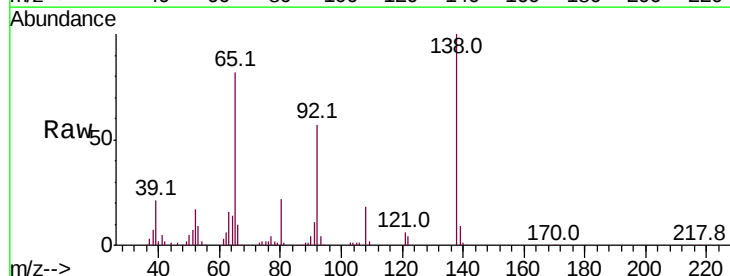
Instrument :  
 BNA\_G  
 ClientSampleId :

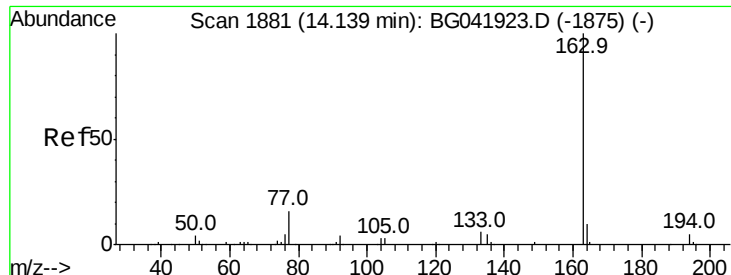
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 34.2  | 26.9  | 40.3  |
| 127     | 34.7  | 27.8  | 41.8  |



#42  
 2-Nitroaniline  
 Concen: 22.259 ng/ul  
 RT: 13.76 min Scan# 1817  
 Delta R.T. 0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 69.3  | 51.6  | 77.4  |
| 138     | 121.2 | 94.1  | 141.1 |





#44

Dimethylphthalate

Concen: 20.645 ng/ul

RT: 14.14 min Scan# 1881

Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

Instrument :

BNA\_G

ClientSampleId :

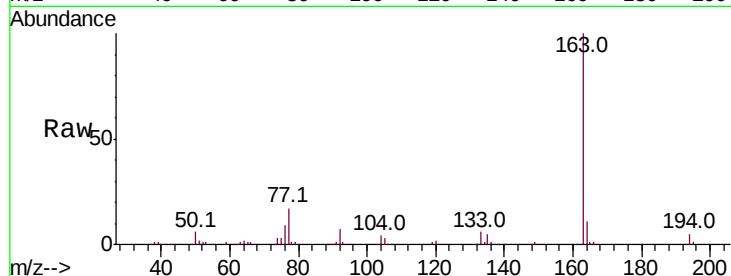
Tot Ion:163 Resp: 358232

Ion Ratio Lower Upper

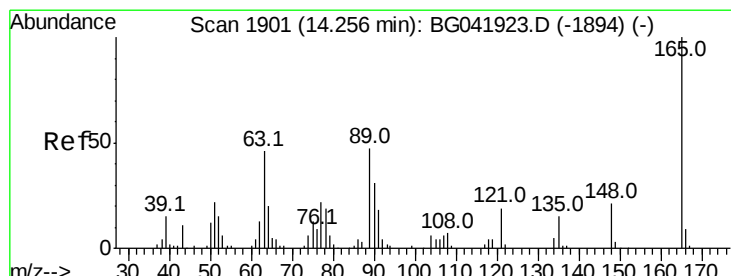
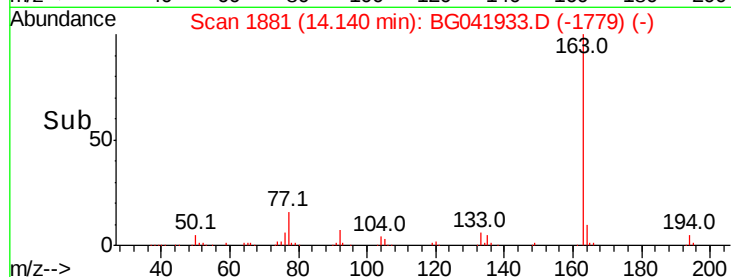
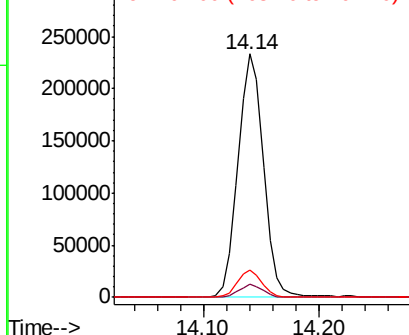
163 100

194 5.3 4.2 6.2

164 11.0 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: 22.342 ng/ul

RT: 14.26 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

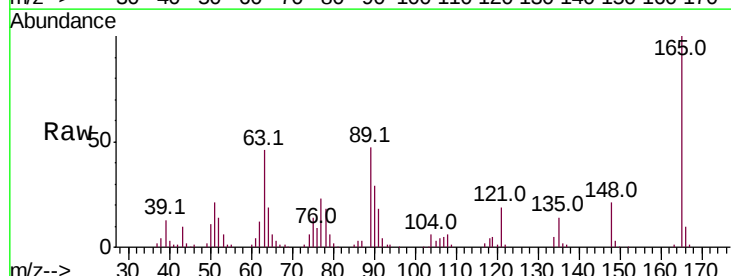
Tgt Ion:165 Resp: 84325

Ion Ratio Lower Upper

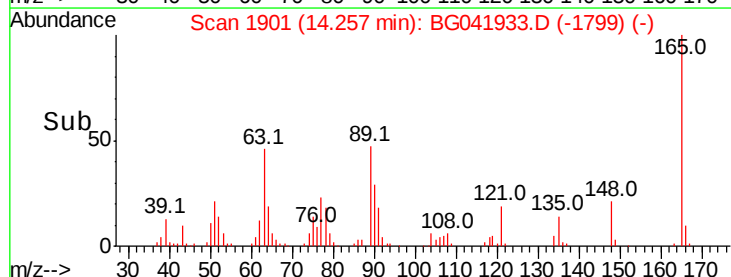
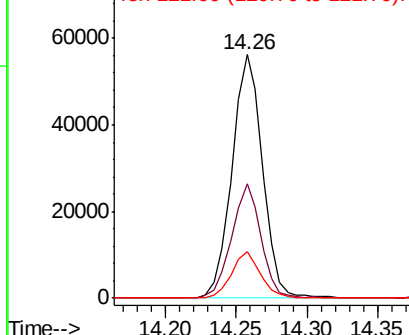
165 100

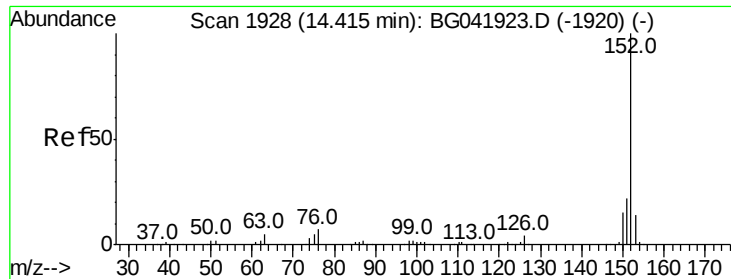
89 47.0 36.8 55.2

121 19.2 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: 21.536 ng/ul

RT: 14.42 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

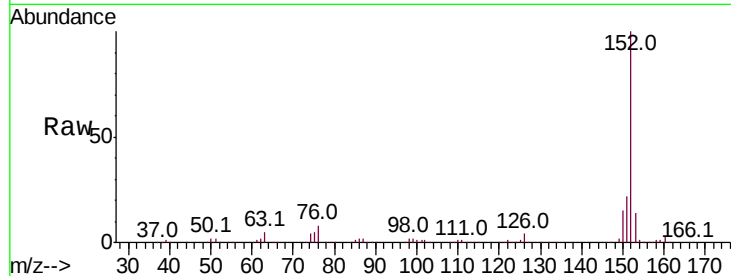
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:152 Resp: 433927

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.6  | 16.8  | 25.2  |
| 153 | 13.7  | 10.3  | 15.5  |

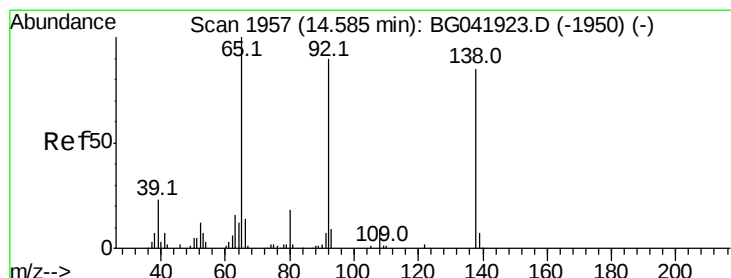
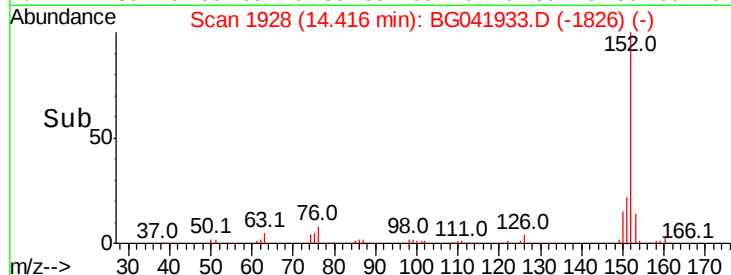
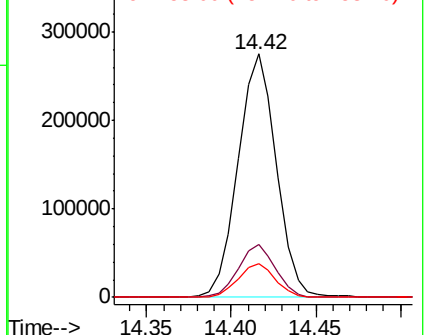


Abundance

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: 23.570 ng/ul

RT: 14.59 min Scan# 1957

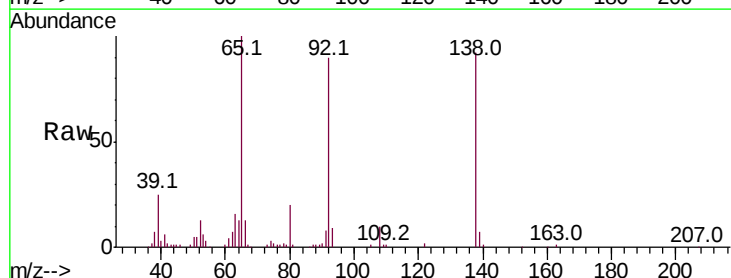
Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

Tgt Ion:138 Resp: 70944

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 10.4  | 7.6   | 11.4  |
| 92  | 97.6  | 76.4  | 114.6 |

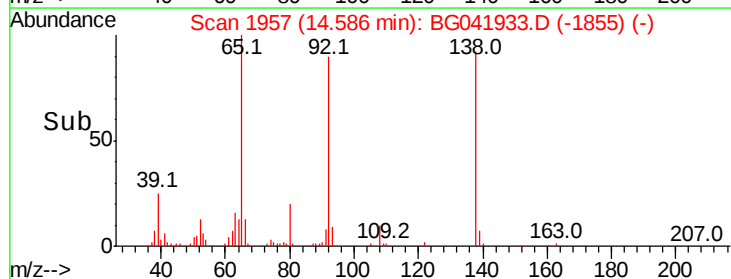
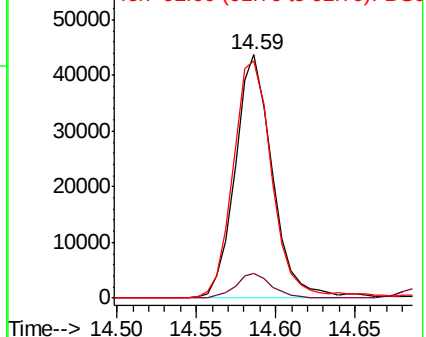


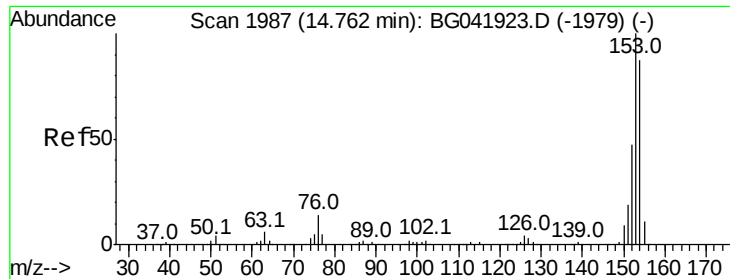
Abundance

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): BGC





#49

Acenaphthene

Concen: 21.396 ng/ul

RT: 14.76 min Scan# 1986

Delta R.T. -0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

Instrument :

BNA\_G

ClientSampleId :

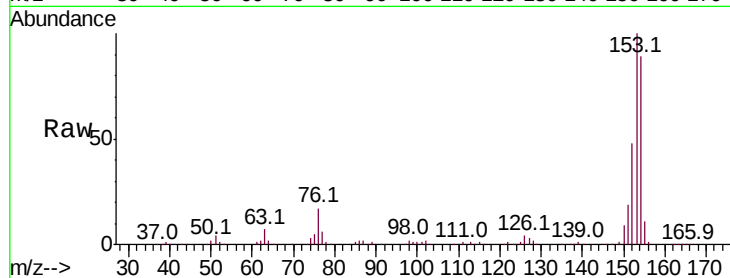
Tot Ion:153 Resp: 301438

Ion Ratio Lower Upper

153 100

152 47.6 37.8 56.8

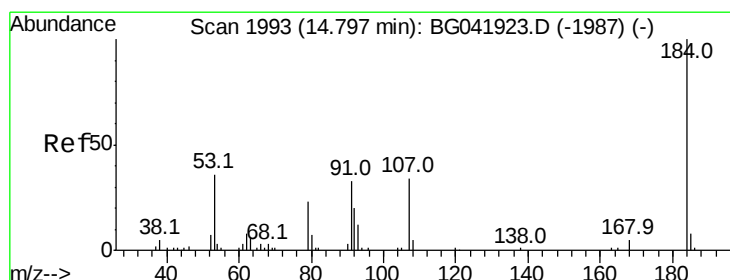
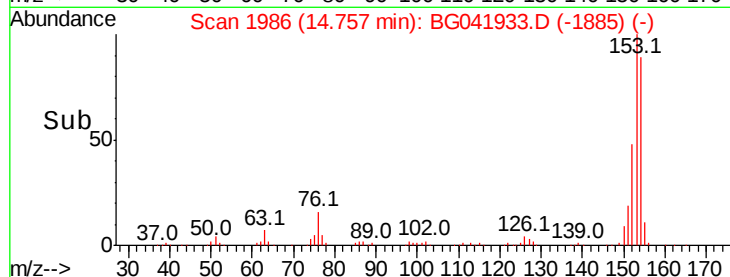
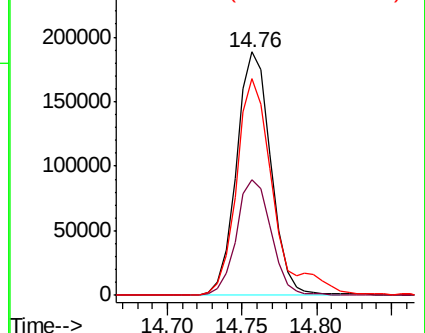
154 89.3 69.4 104.2



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: 23.972 ng/ul

RT: 14.80 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

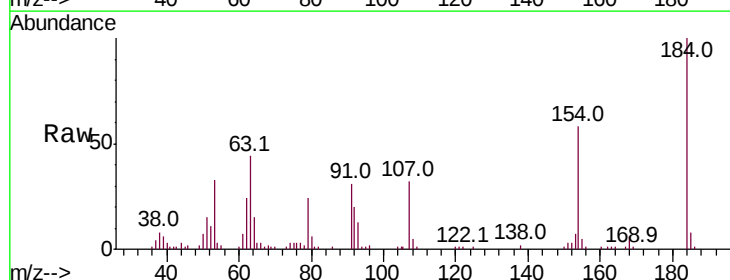
Tgt Ion:184 Resp: 49508

Ion Ratio Lower Upper

184 100

63 44.5 32.6 49.0

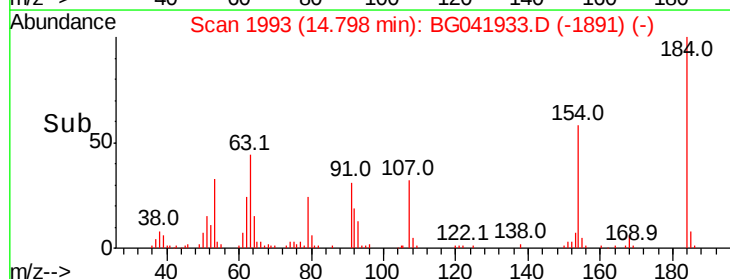
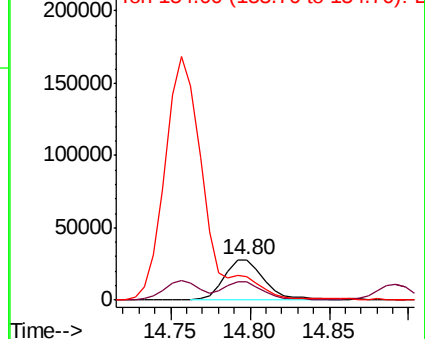
154 57.6 41.8 62.6

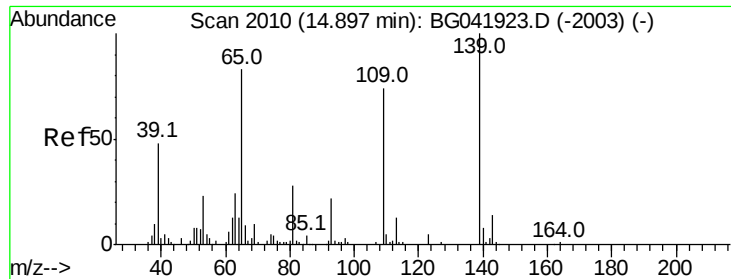


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E

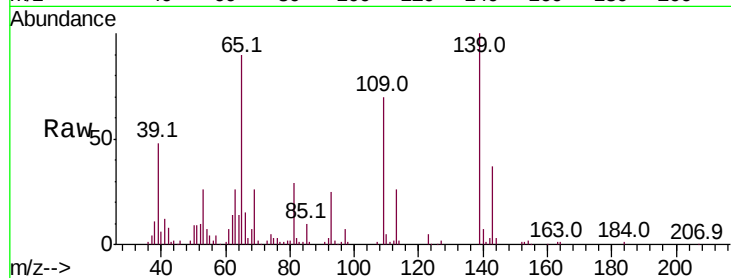




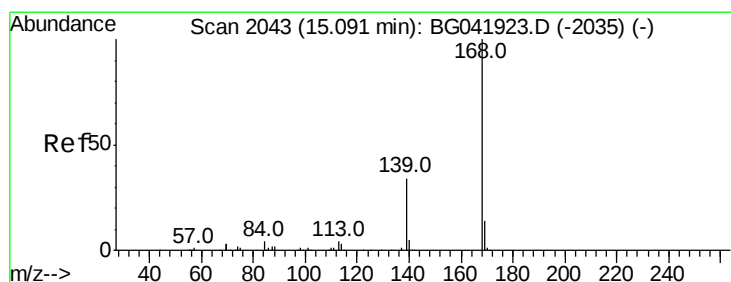
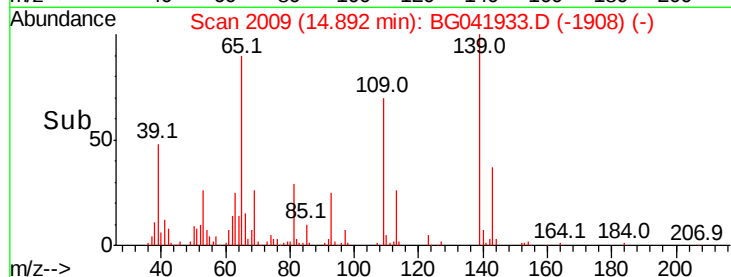
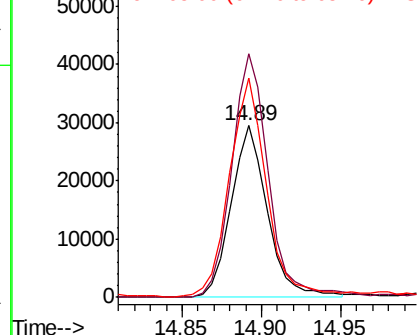
#52  
4-Nitrophenol  
Concen: 21.470 ng/ul  
RT: 14.89 min Scan# 2009  
Delta R.T. -0.00 min  
Lab File: BG041933.D  
Acq: 4 Aug 2019 8:00

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:109 Resp: 46687  
Ion Ratio Lower Upper  
109 100  
139 141.9 111.8 167.6  
65 127.8 103.6 155.4

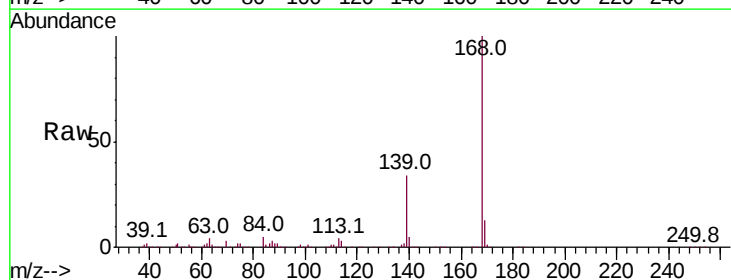


Abundance Ion 109.00 (108.70 to 109.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 65.00 (64.70 to 65.70): BGC

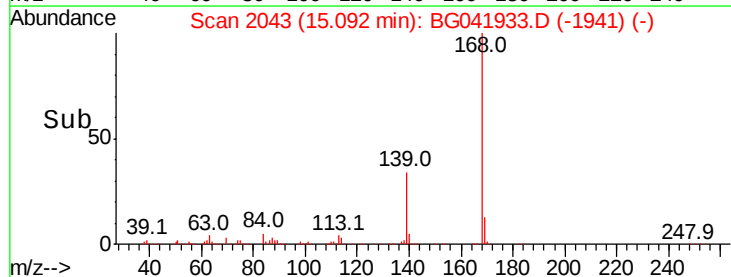
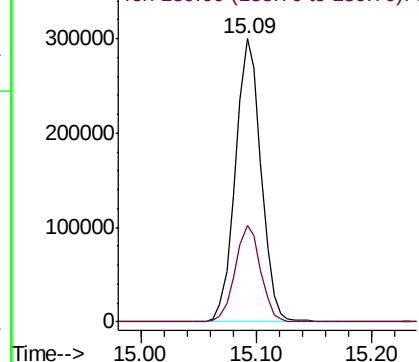


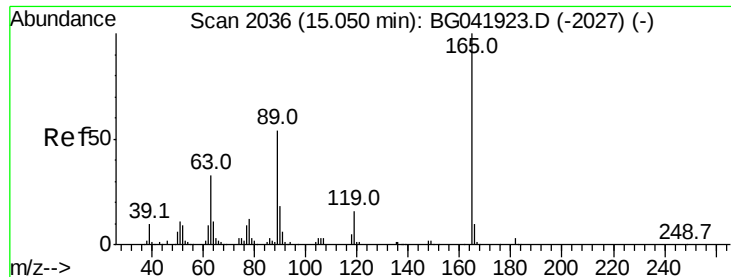
#53  
Dibenzofuran  
Concen: 21.936 ng/ul  
RT: 15.09 min Scan# 2043  
Delta R.T. 0.00 min  
Lab File: BG041933.D  
Acq: 4 Aug 2019 8:00

Tgt Ion:168 Resp: 461230  
Ion Ratio Lower Upper  
168 100  
139 34.2 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: 21.954 ng/ul

RT: 15.04 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

Instrument :

BNA\_G

ClientSampleId :

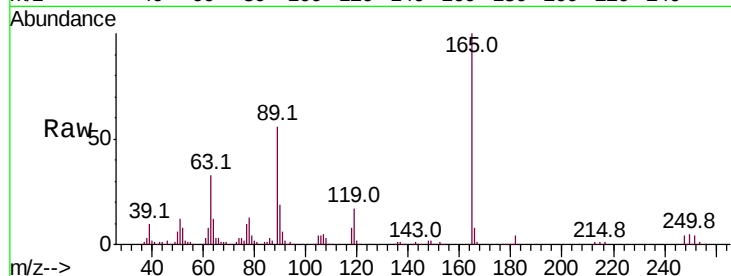
Tot Ion:165 Resp: 120477

Ion Ratio Lower Upper

165 100

63 33.1 29.4 44.2

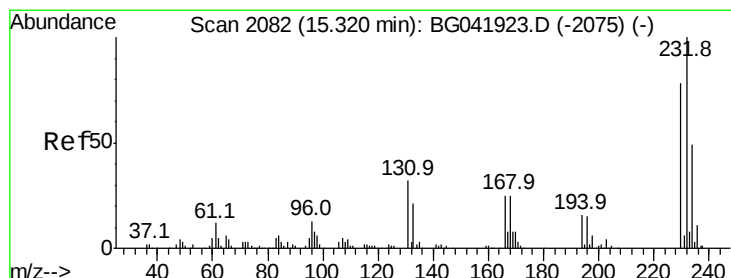
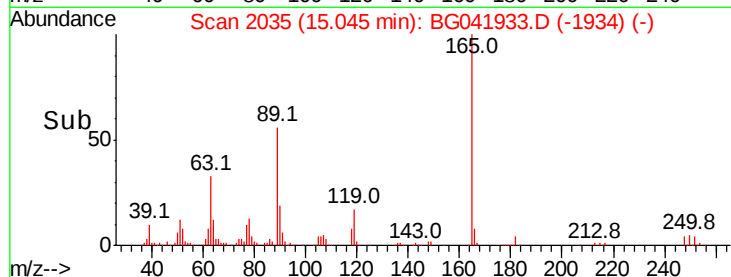
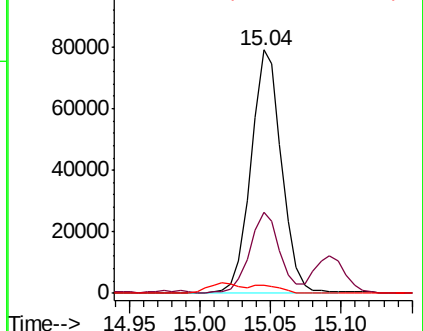
182 3.5 2.6 4.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 22.355 ng/ul

RT: 15.31 min Scan# 2081

Delta R.T. -0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

Tgt Ion:232 Resp: 117824

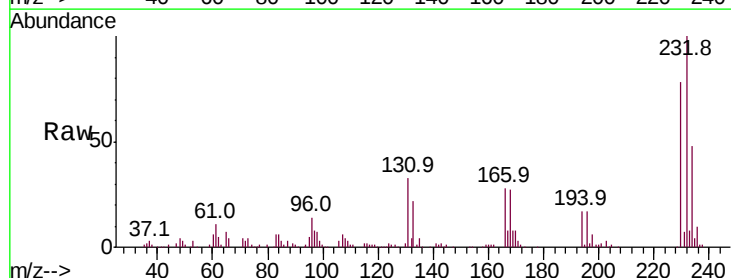
Ion Ratio Lower Upper

232 100

131 32.8 27.1 40.7

130 2.3 1.3 1.9#

166 27.6 21.4 32.0

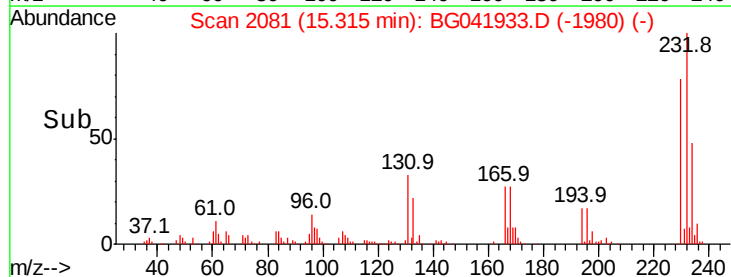
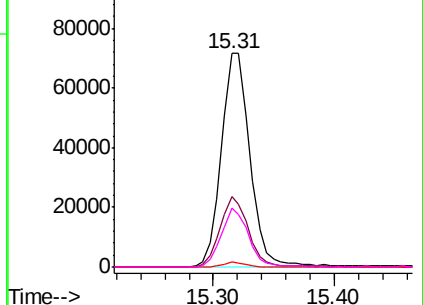


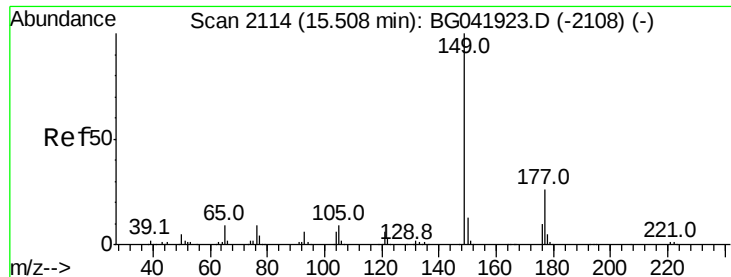
Abundance Ion 232.00 (231.70 to 232.70): E

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

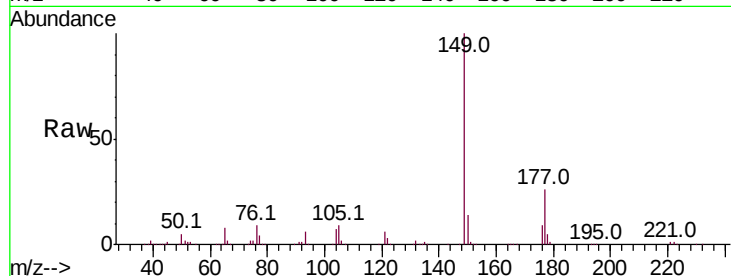




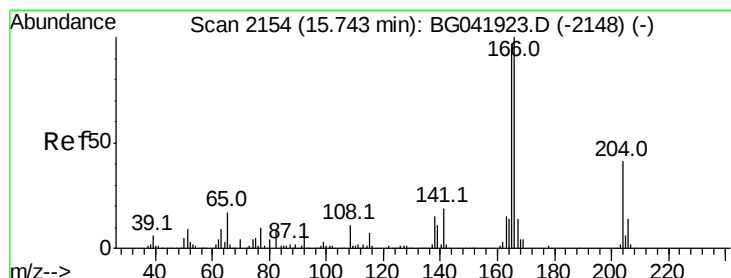
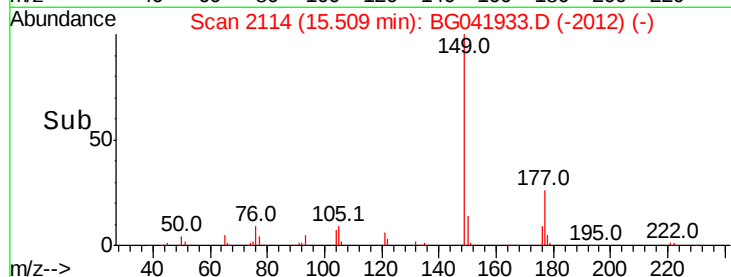
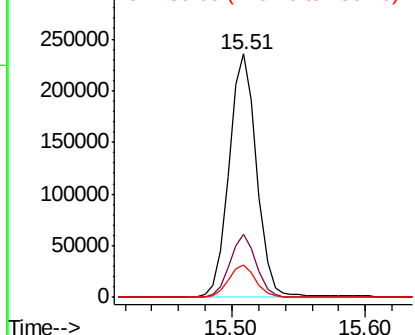
#56  
Diethylphthalate  
Concen: 19.780 ng/ul  
RT: 15.51 min Scan# 2114  
Delta R.T. 0.00 min  
Lab File: BG041933.D  
Acq: 4 Aug 2019 8:00

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:149 Resp: 341425  
Ion Ratio Lower Upper  
149 100  
177 25.9 19.4 29.2  
150 13.5 10.2 15.4

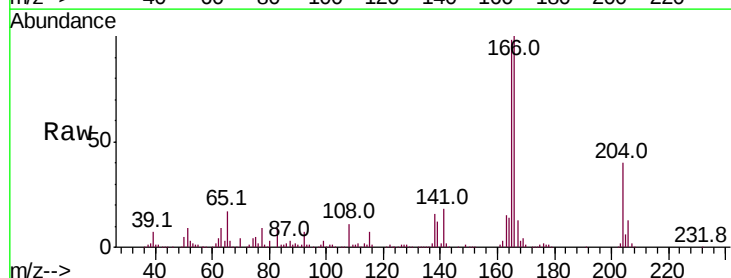


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

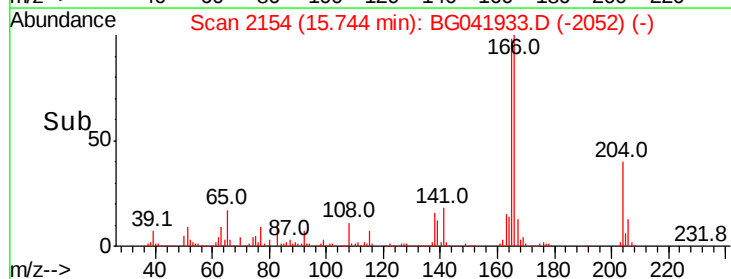
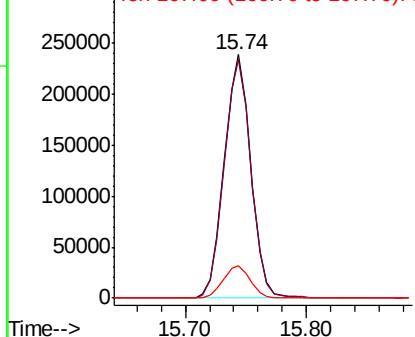


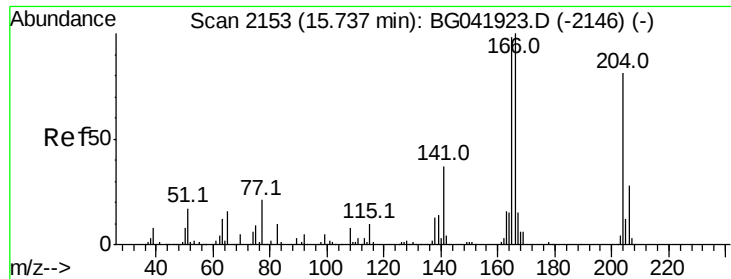
#58  
Fluorene  
Concen: 21.413 ng/ul  
RT: 15.74 min Scan# 2154  
Delta R.T. 0.00 min  
Lab File: BG041933.D  
Acq: 4 Aug 2019 8:00

Tgt Ion:166 Resp: 362654  
Ion Ratio Lower Upper  
166 100  
165 97.9 81.1 121.7  
167 13.3 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

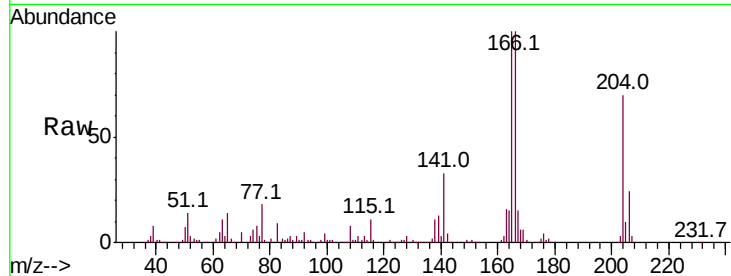




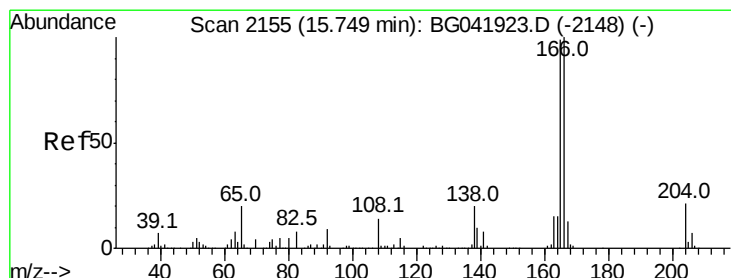
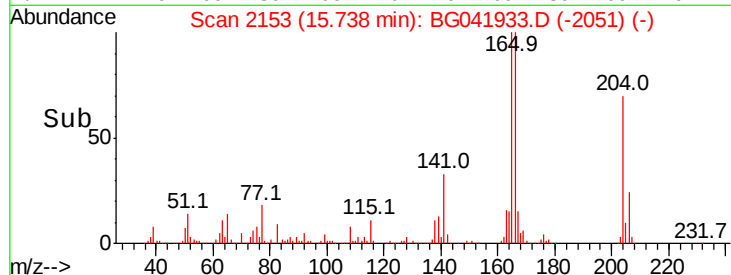
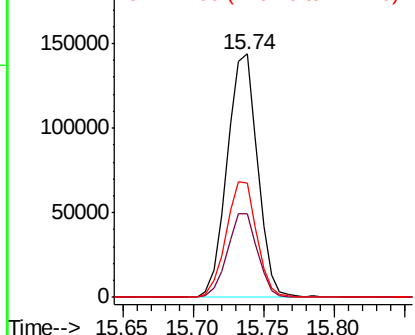
#59  
 4-Chlorophenyl-phenylether  
 Concen: 21.970 ng/ul  
 RT: 15.74 min Scan# 2153  
 Delta R.T. 0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:204 Resp: 216060  
 Ion Ratio Lower Upper  
 204 100  
 206 34.3 27.6 41.4  
 141 46.7 39.0 58.6

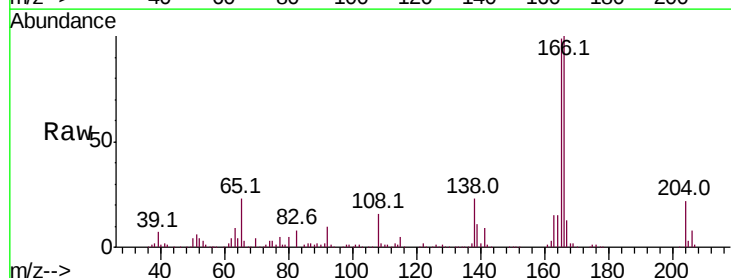


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

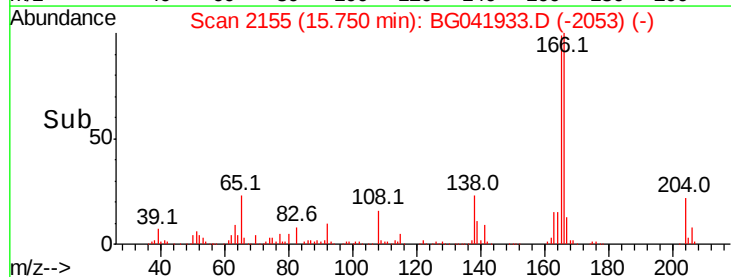
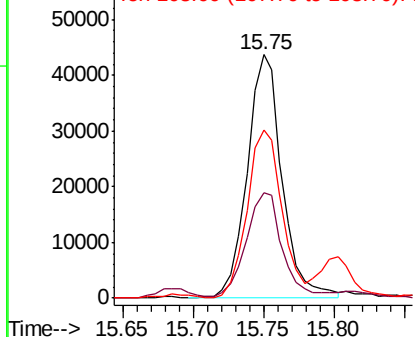


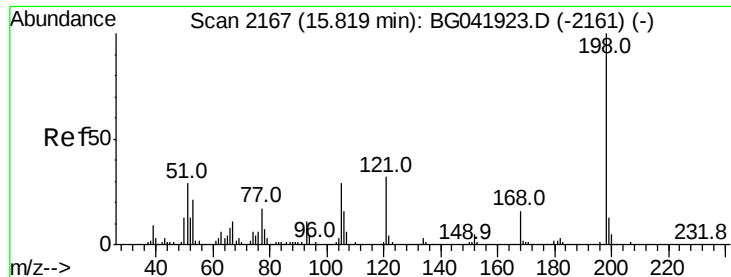
#60  
 4-Nitroaniline  
 Concen: 22.548 ng/ul  
 RT: 15.75 min Scan# 2155  
 Delta R.T. 0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

Tgt Ion:138 Resp: 75614  
 Ion Ratio Lower Upper  
 138 100  
 92 43.5 34.6 51.8  
 108 69.2 54.2 81.2



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

4,6-Dinitro-2-methylphenol

Concen: 20.155 ng/ul

RT: 15.81 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

Instrument :

BNA\_G

ClientSampleId :

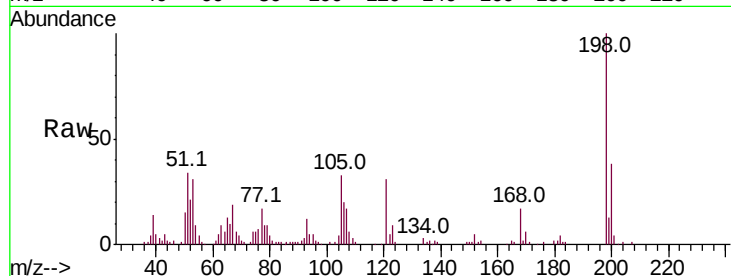
Tot Ion:198 Resp: 69902

Ion Ratio Lower Upper

198 100

182 4.0 3.4 5.0

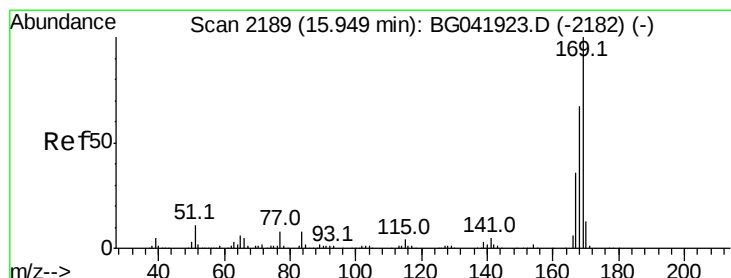
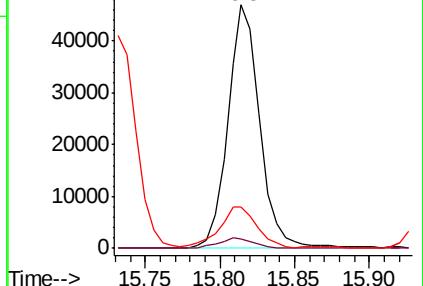
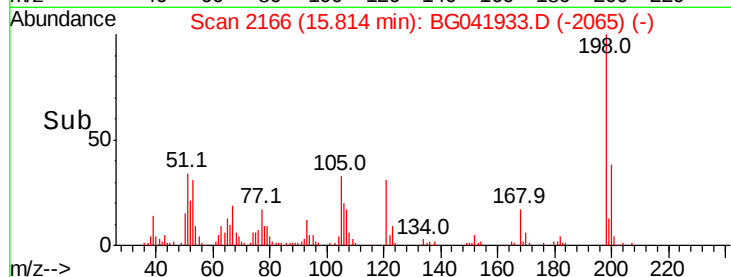
77 16.7 13.2 19.8



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: 22.232 ng/ul

RT: 15.94 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

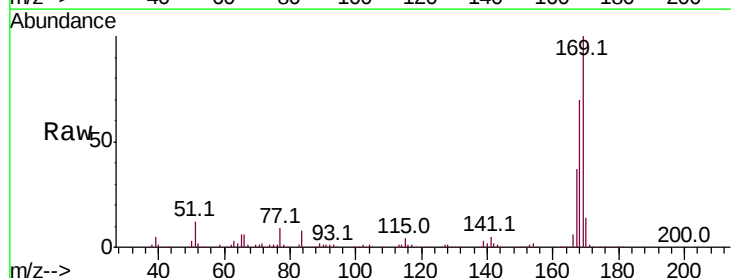
Tgt Ion:169 Resp: 330954

Ion Ratio Lower Upper

169 100

168 69.8 55.0 82.4

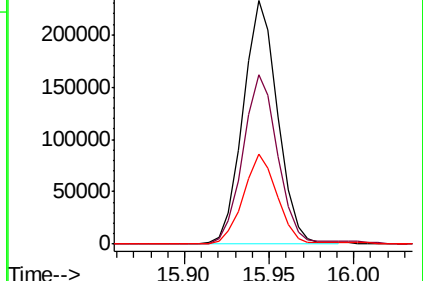
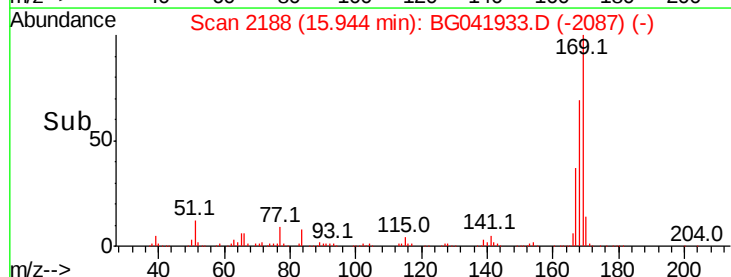
167 37.2 29.5 44.3

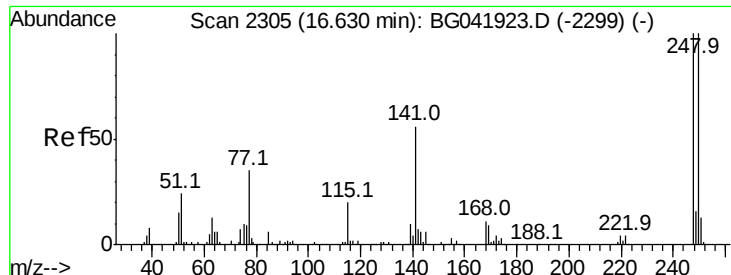


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

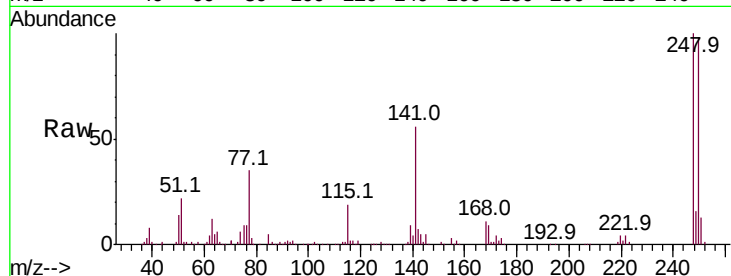




#65  
 4-Bromophenyl-phenylether  
 Concen: 22.552 ng/ul  
 RT: 16.63 min Scan# 2305  
 Delta R.T. 0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.0  | 76.1  | 114.1 |
| 141     | 55.5  | 46.8  | 70.2  |

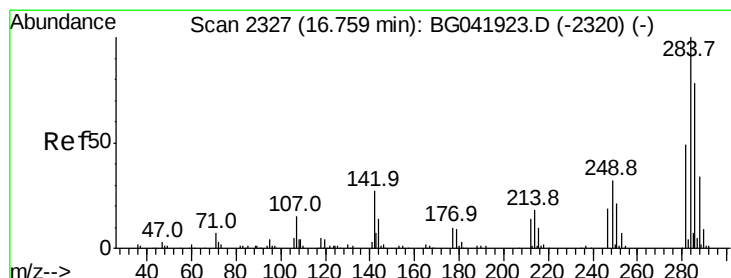
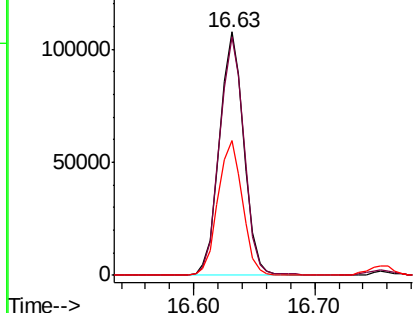
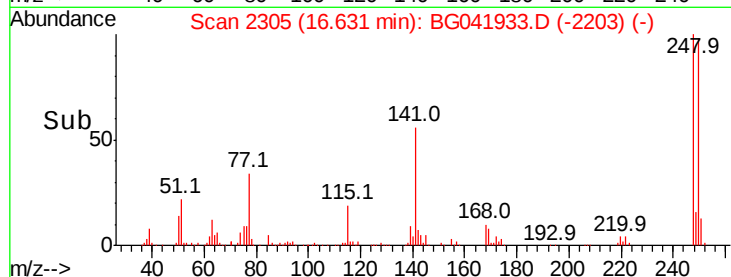


Abundance

Ion 248.00 (247.70 to 248.70): E

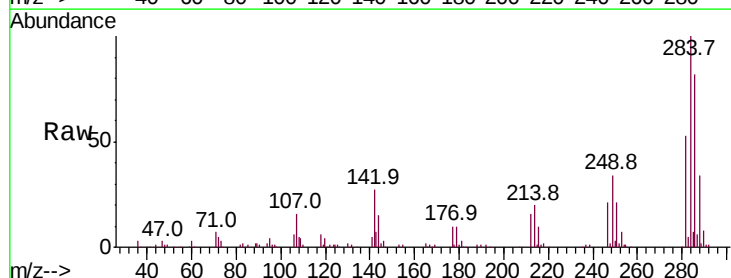
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66  
 Hexachlorobenzene  
 Concen: 21.379 ng/ul  
 RT: 16.75 min Scan# 2326  
 Delta R.T. -0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 27.4  | 24.4  | 36.6  |
| 249     | 33.8  | 27.2  | 40.8  |

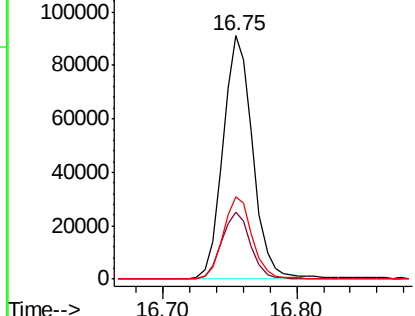
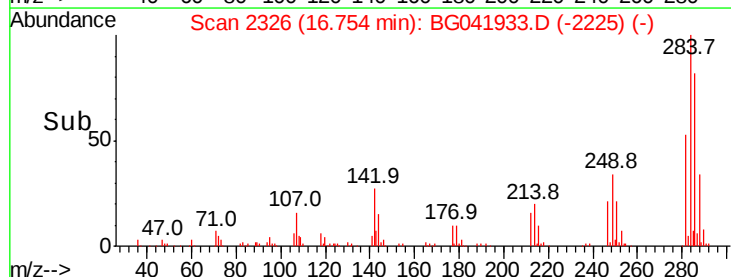


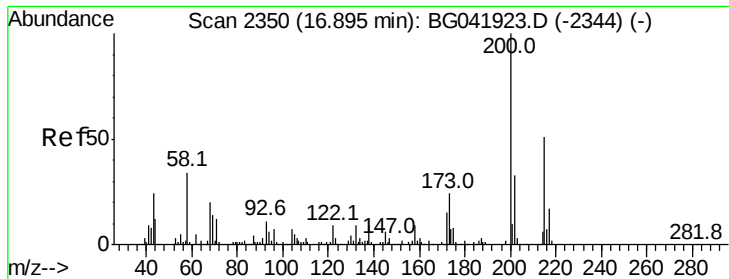
Abundance

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

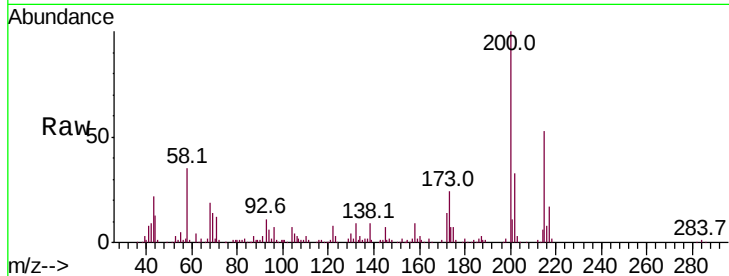




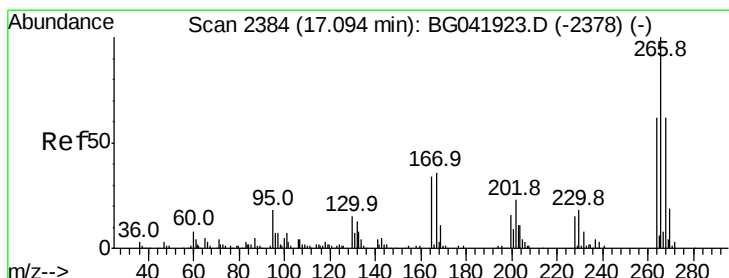
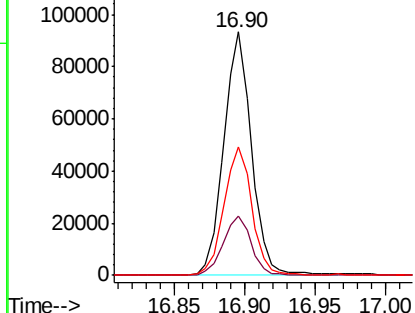
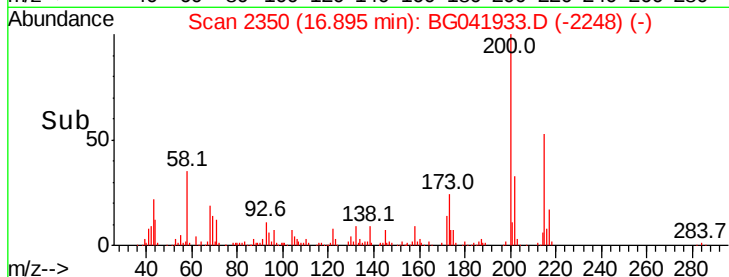
#67  
Atrazine  
Concen: 20.464 ng/ul  
RT: 16.90 min Scan# 2350  
Delta R.T. 0.00 min  
Lab File: BG041933.D  
Acq: 4 Aug 2019 8:00

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.4  | 19.0  | 28.6  |
| 215     | 53.0  | 43.0  | 64.6  |

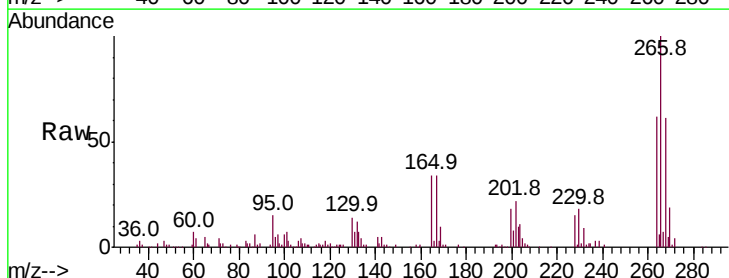


Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

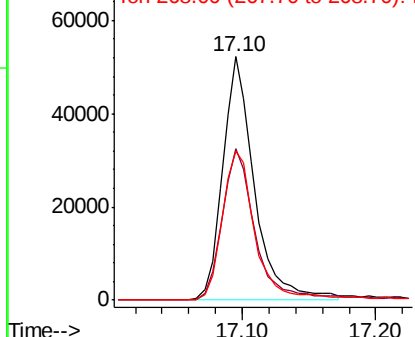
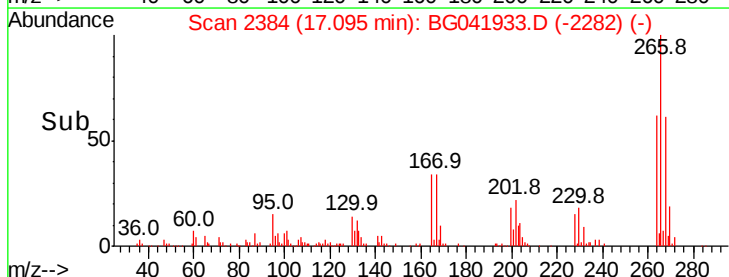


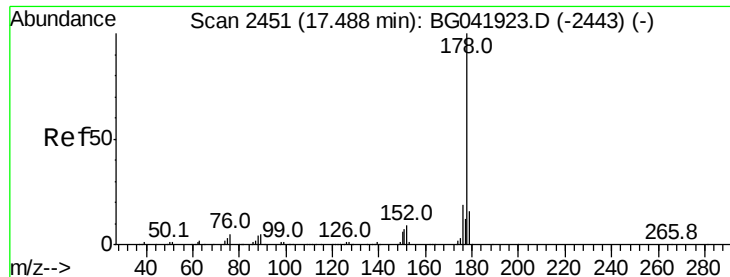
#68  
Pentachlorophenol  
Concen: 23.958 ng/ul  
RT: 17.10 min Scan# 2384  
Delta R.T. 0.00 min  
Lab File: BG041933.D  
Acq: 4 Aug 2019 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.0  | 52.3  | 78.5  |
| 268     | 61.2  | 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: 21.912 ng/ul

RT: 17.49 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

Instrument :

BNA\_G

ClientSampleId :

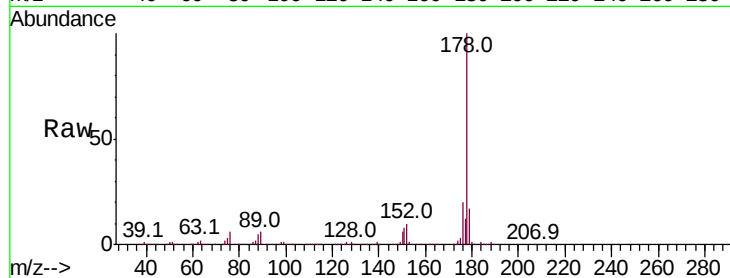
Tot Ion:178 Resp: 601919

Ion Ratio Lower Upper

178 100

179 16.6 12.8 19.2

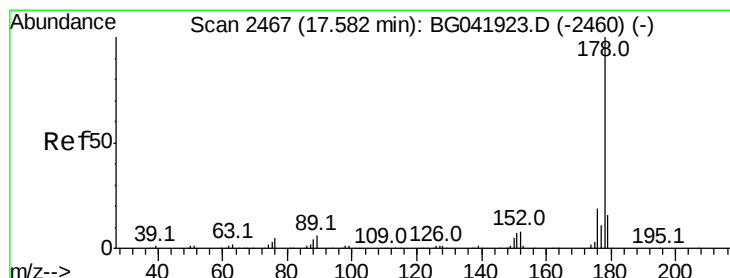
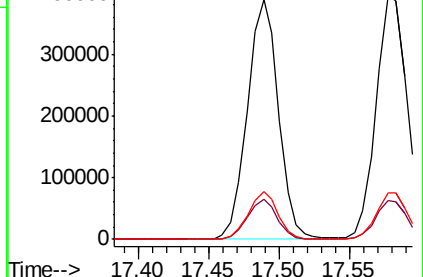
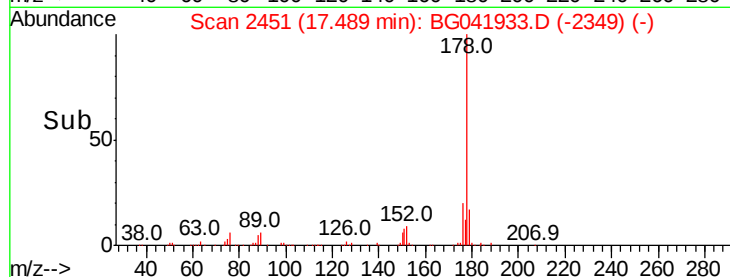
176 20.1 15.4 23.2



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: 21.814 ng/ul

RT: 17.58 min Scan# 2466

Delta R.T. -0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

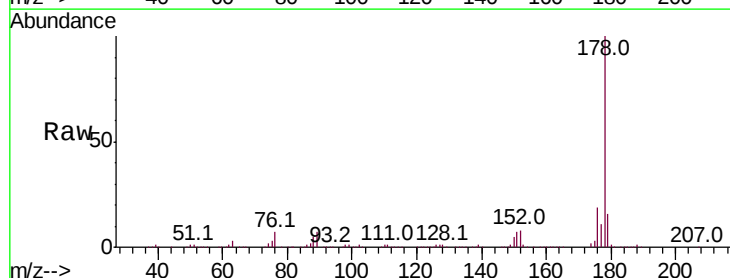
Tgt Ion:178 Resp: 607759

Ion Ratio Lower Upper

178 100

179 15.9 13.4 20.0

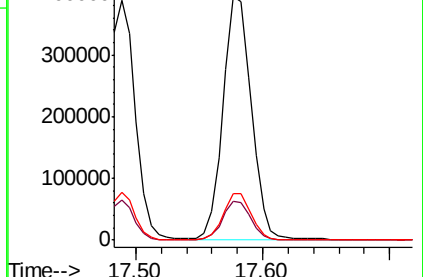
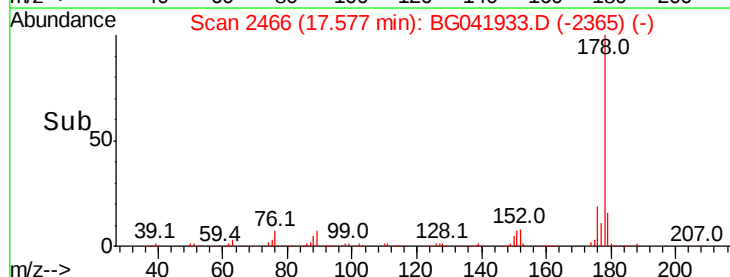
176 19.0 15.4 23.2

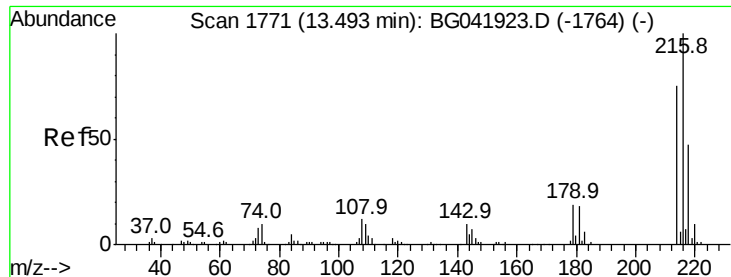


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

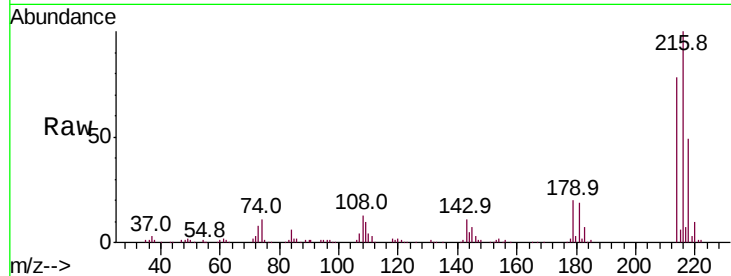




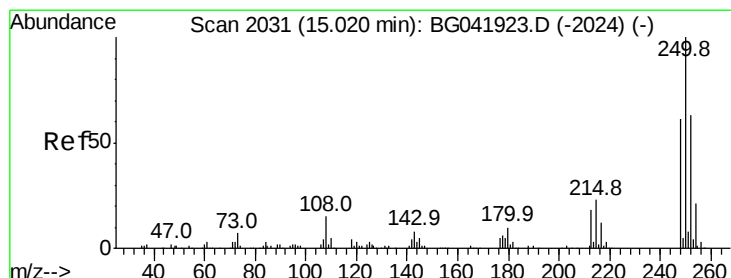
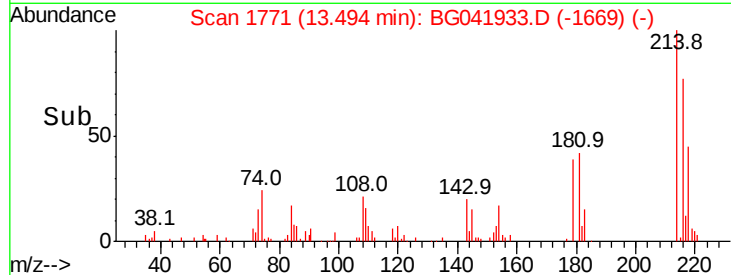
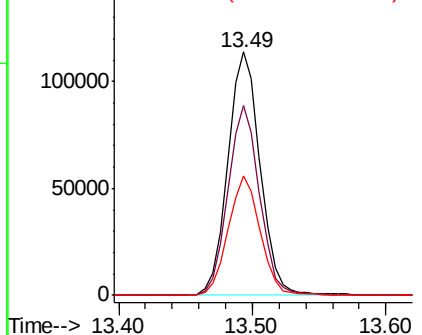
#72  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 24.006 ng/uL  
 RT: 13.49 min Scan# 1771  
 Delta R.T. 0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 78.1  | 61.1  | 91.7  |
| 218     | 48.9  | 39.4  | 59.2  |

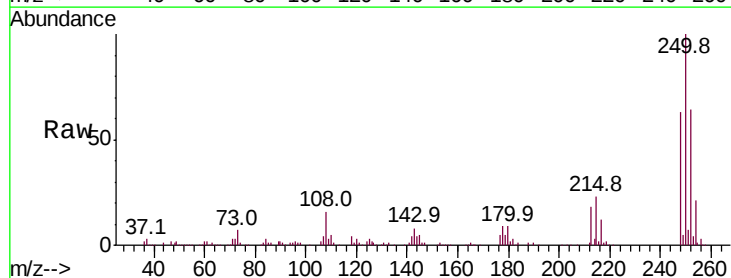


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 218.00 (217.70 to 218.70): E

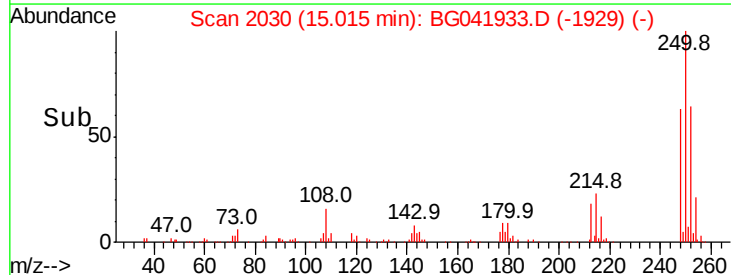
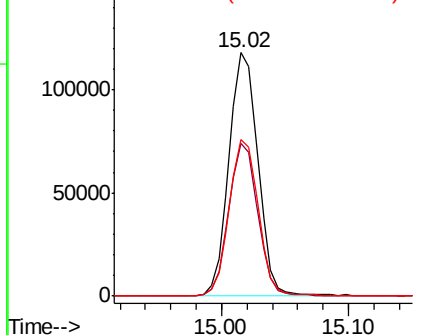


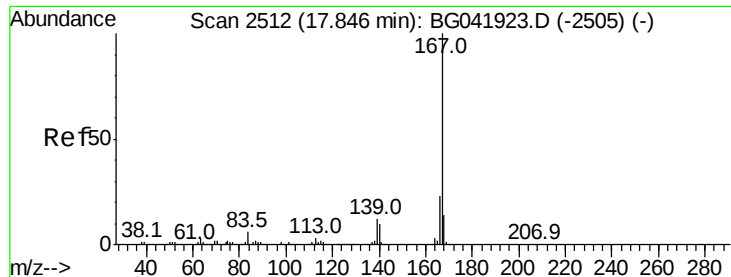
#73  
 Pentachlorobenzene  
 Concen: 23.122 ng/uL  
 RT: 15.02 min Scan# 2030  
 Delta R.T. -0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 250     | 100   |       |       |
| 248     | 62.6  | 50.9  | 76.3  |
| 252     | 64.2  | 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





#74

Carbazole

Concen: 23.072 ng/ul

RT: 17.85 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

Instrument :

BNA\_G

ClientSampleId :

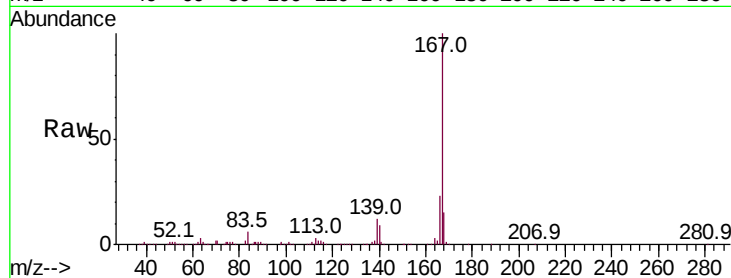
Tot Ion:167 Resp: 532457

Ion Ratio Lower Upper

167 100

166 22.7 18.2 27.4

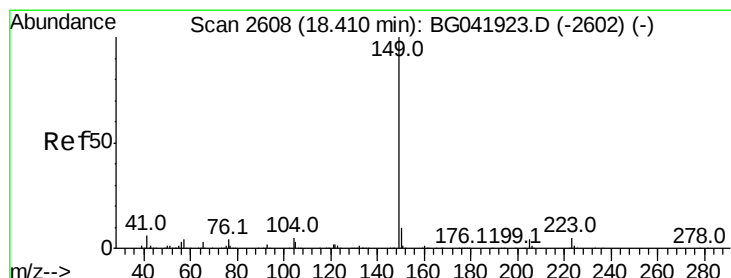
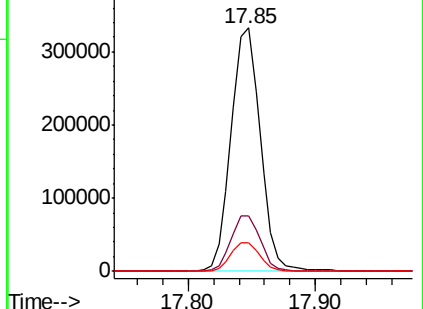
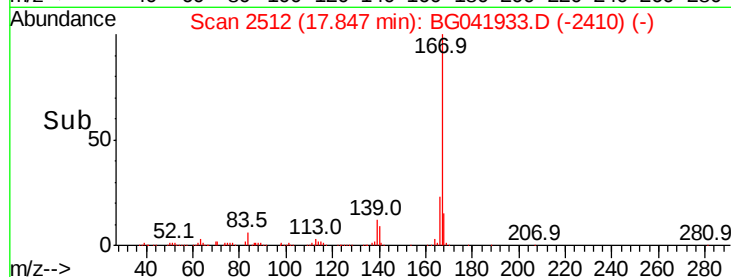
139 11.7 9.6 14.4



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: 20.091 ng/ul

RT: 18.41 min Scan# 2608

Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

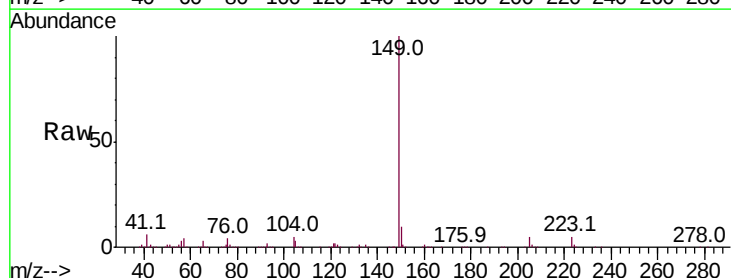
Tgt Ion:149 Resp: 571477

Ion Ratio Lower Upper

149 100

150 10.0 8.3 12.5

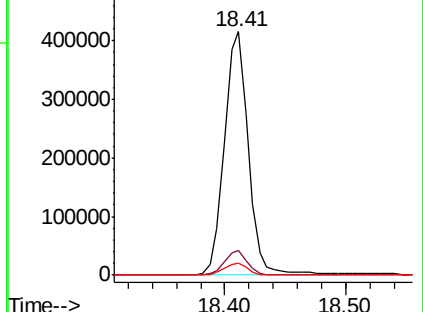
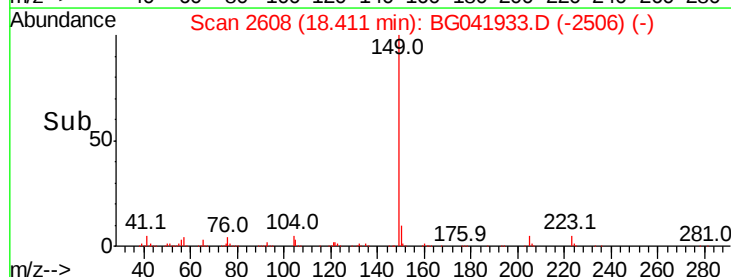
104 4.9 3.9 5.9

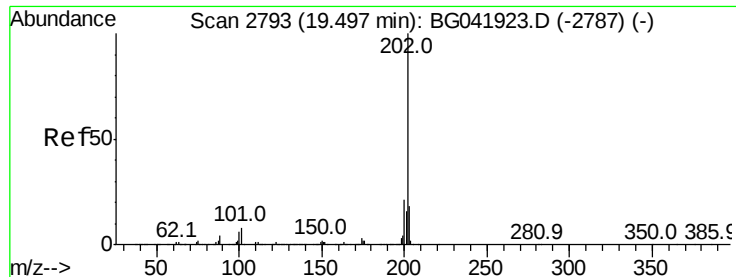


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

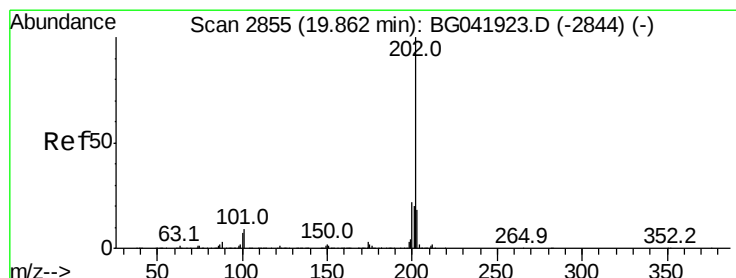
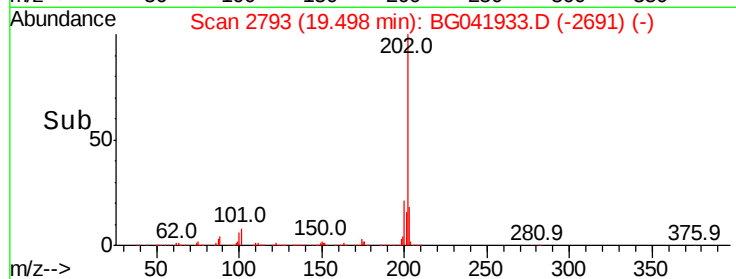
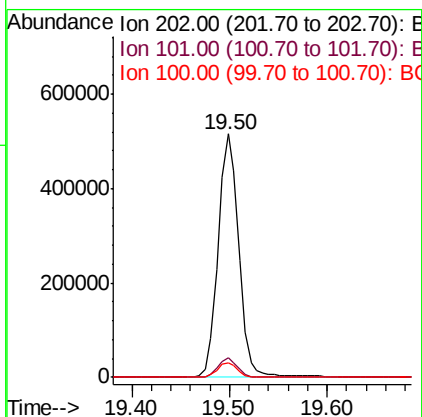
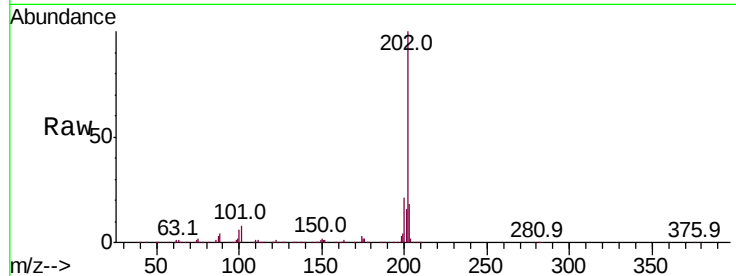




#76  
 Fluoranthene  
 Concen: 23.899 ng/ul  
 RT: 19.50 min Scan# 2793  
 Delta R.T. 0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

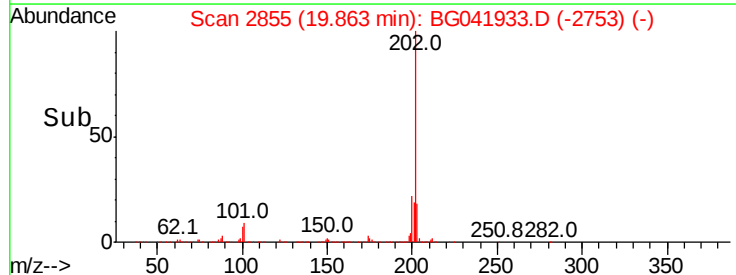
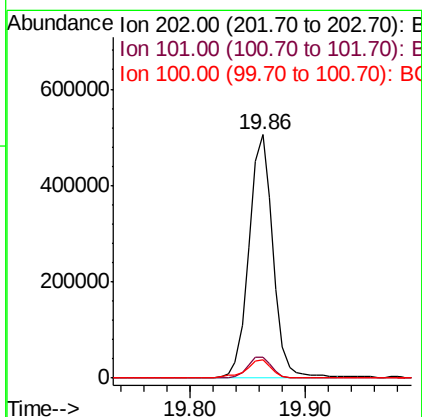
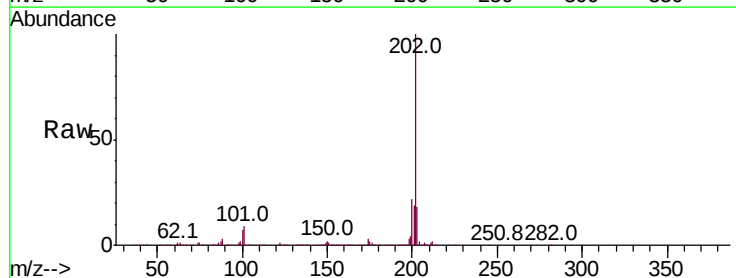
Instrument :  
 BNA\_G  
 ClientSampleId :

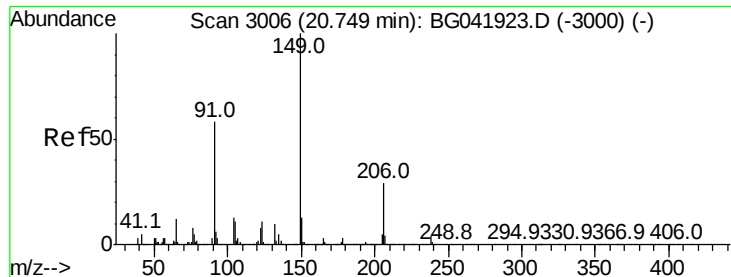
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 8.0   | 6.7   | 10.1  |
| 100     | 5.8   | 5.3   | 7.9   |



#79  
 Pyrene  
 Concen: 21.573 ng/ul  
 RT: 19.86 min Scan# 2855  
 Delta R.T. 0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 8.7   | 7.6   | 11.4  |
| 100     | 7.3   | 6.5   | 9.7   |





#80

Butylbenzylphthalate

Concen: 19.343 ng/ul

RT: 20.74 min Scan# 3005

Delta R.T. -0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

Instrument :

BNA\_G

ClientSampled :

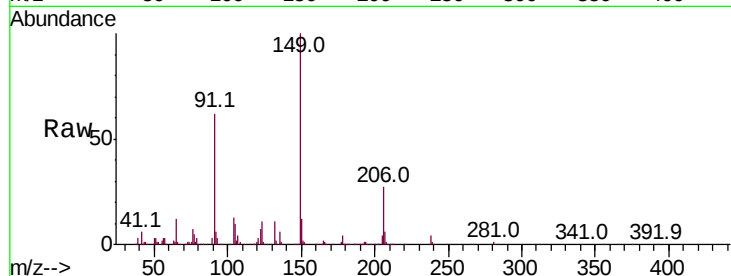
Tot Ion:149 Resp: 257346

Ion Ratio Lower Upper

149 100

91 62.3 49.5 74.3

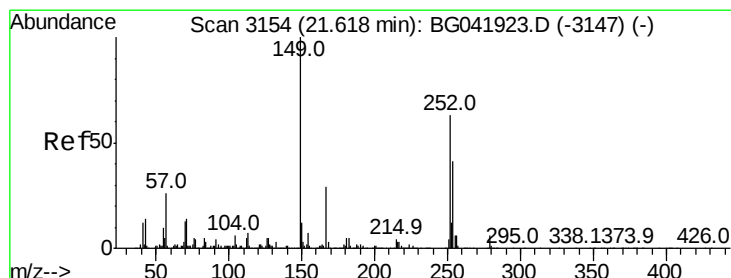
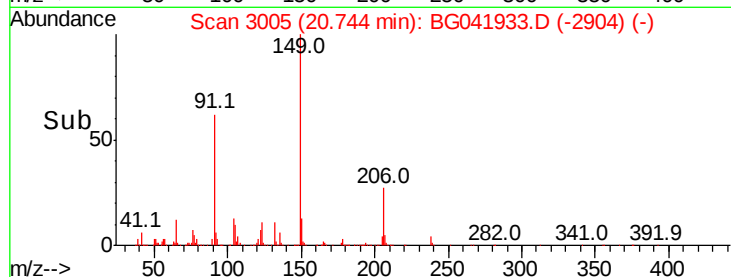
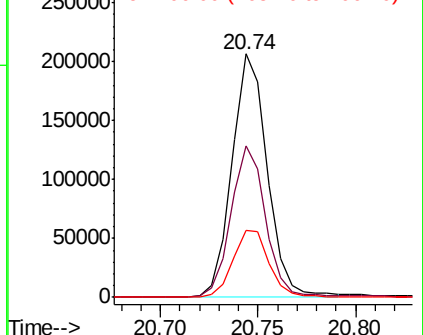
206 27.3 21.3 31.9



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

3,3'-Dichlorobenzidine

Concen: 21.331 ng/ul

RT: 21.62 min Scan# 3154

Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

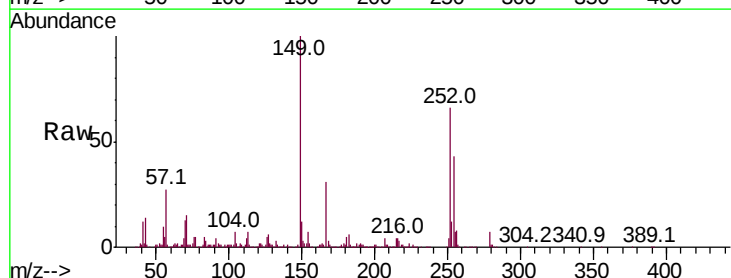
Tgt Ion:252 Resp: 243628

Ion Ratio Lower Upper

252 100

254 65.0 53.1 79.7

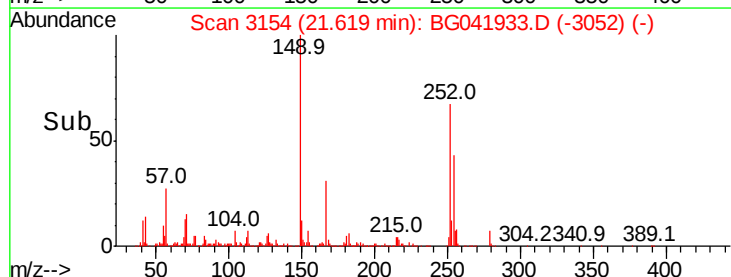
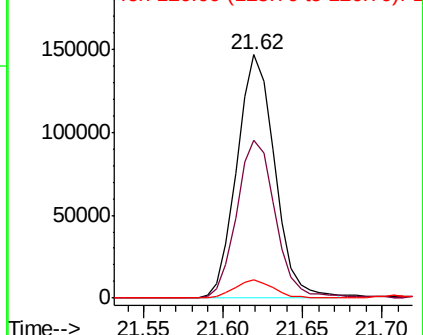
126 7.7 6.9 10.3

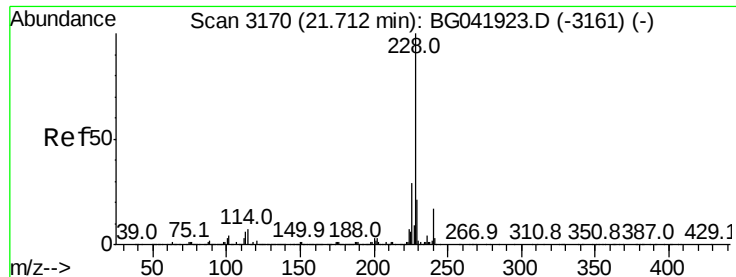


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

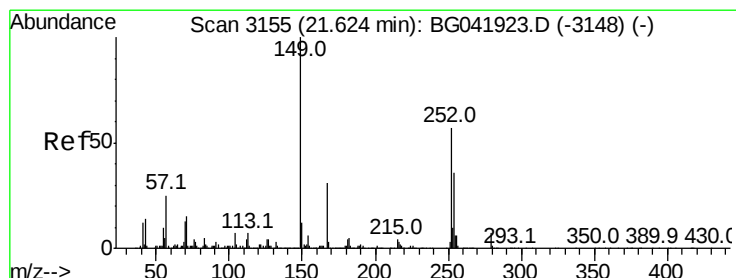
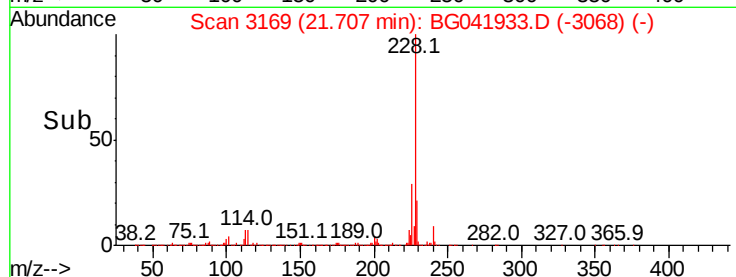
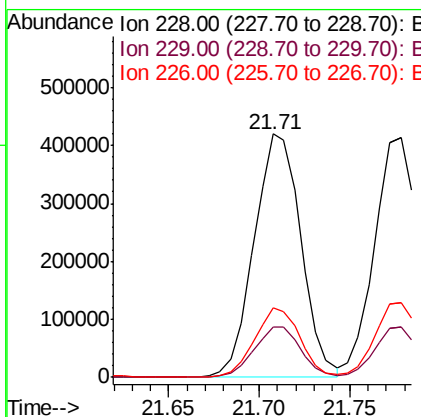
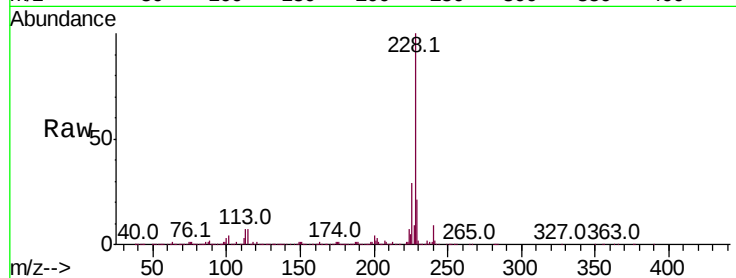




#82  
 Benzo(a)anthracene  
 Concen: 21.592 ng/ul  
 RT: 21.71 min Scan# 3169  
 Delta R.T. -0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

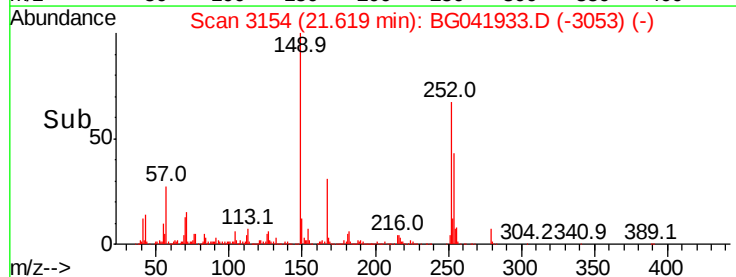
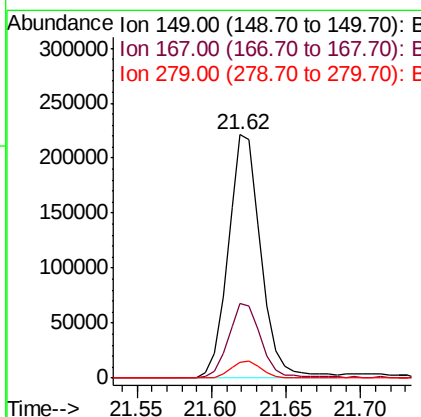
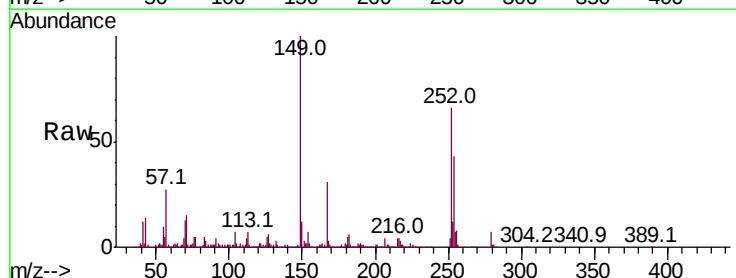
Instrument :  
 BNA\_G  
 ClientSampleId :

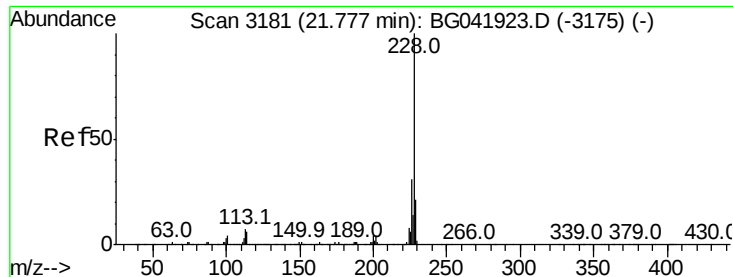
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 20.9  | 17.0  | 25.6  |
| 226     | 28.8  | 23.3  | 34.9  |



#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 18.516 ng/ul  
 RT: 21.62 min Scan# 3154  
 Delta R.T. -0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 30.7  | 25.0  | 37.4  |
| 279     | 6.7   | 5.2   | 7.8   |





#84

Chrysene

Concen: 22.091 ng/ul

RT: 21.78 min Scan# 3181

Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

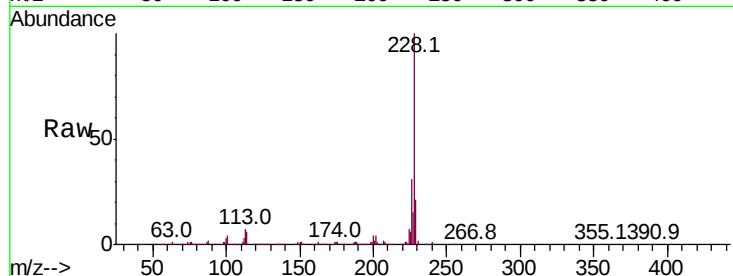
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:228 Resp: 718396

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.9  | 25.7  | 38.5  |
| 229 | 21.2  | 16.6  | 24.8  |

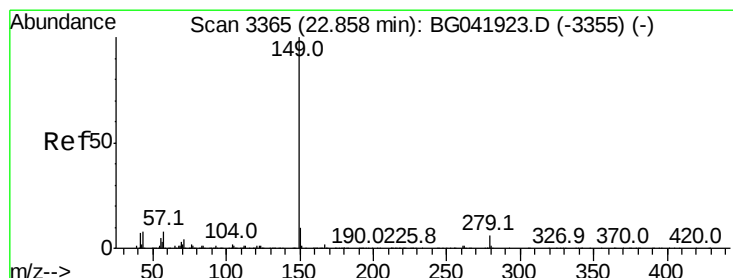
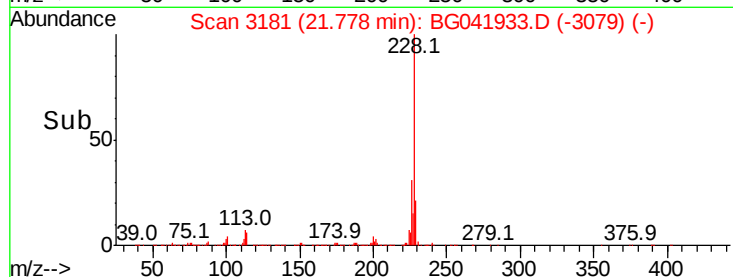
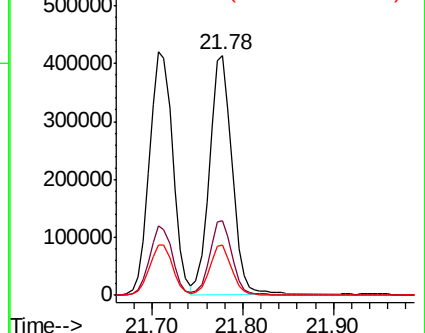


Abundance

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: 23.318 ng/ul

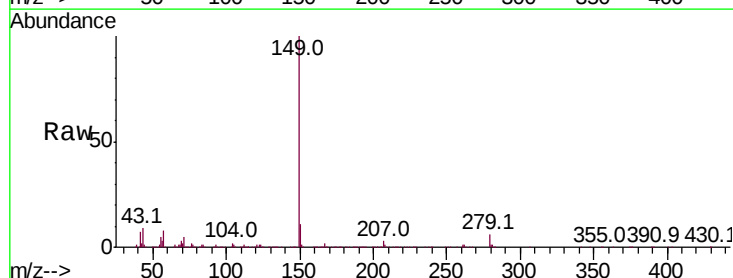
RT: 22.85 min Scan# 3364

Delta R.T. -0.00 min

Lab File: BG041933.D

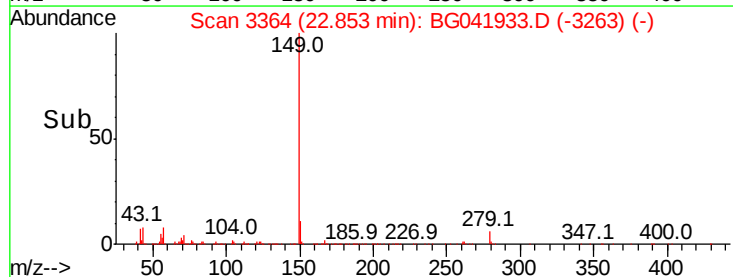
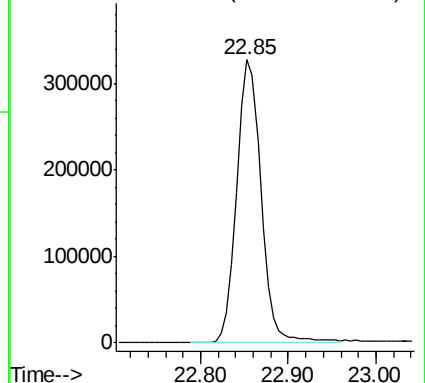
Acq: 4 Aug 2019 8:00

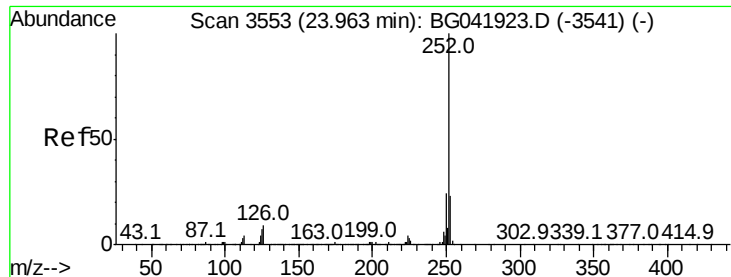
Tgt Ion:149 Resp: 613236



Abundance

Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 21.640 ng/ul

RT: 23.96 min Scan# 3553

Delta R.T. 0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

Instrument :

BNA\_G

ClientSampleId :

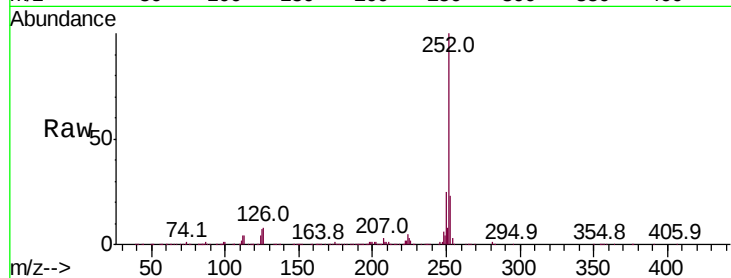
Tot Ion:252 Resp: 721855

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

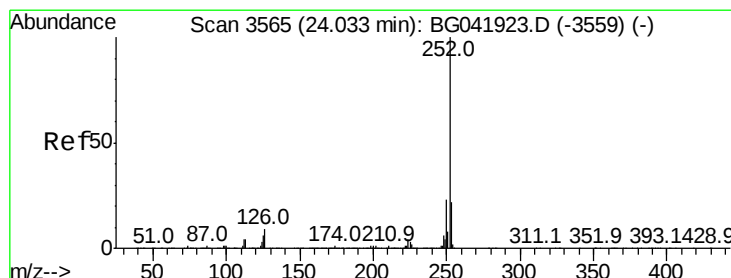
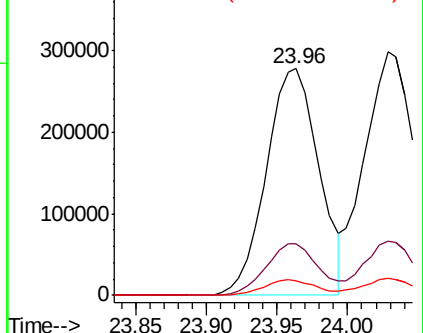
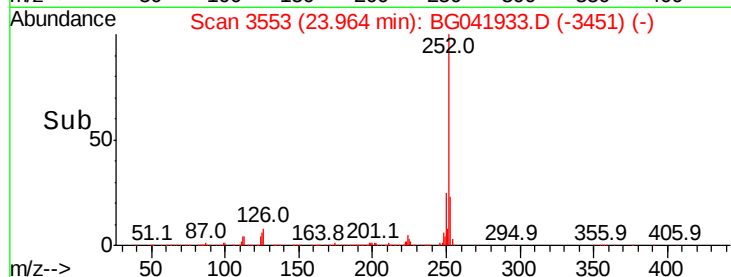
125 6.6 5.8 8.8



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: 23.886 ng/ul

RT: 24.03 min Scan# 3564

Delta R.T. -0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

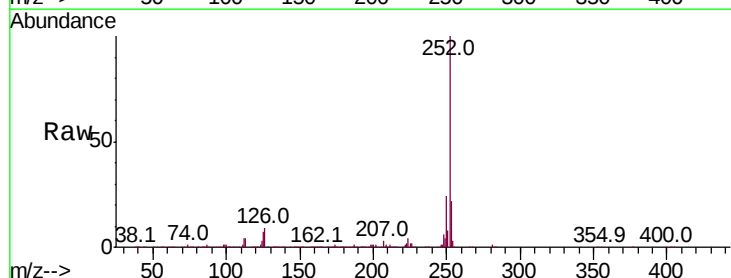
Tgt Ion:252 Resp: 766103

Ion Ratio Lower Upper

252 100

253 22.4 18.3 27.5

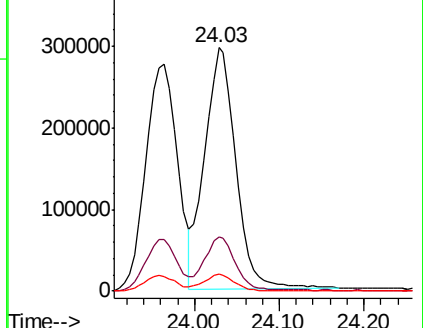
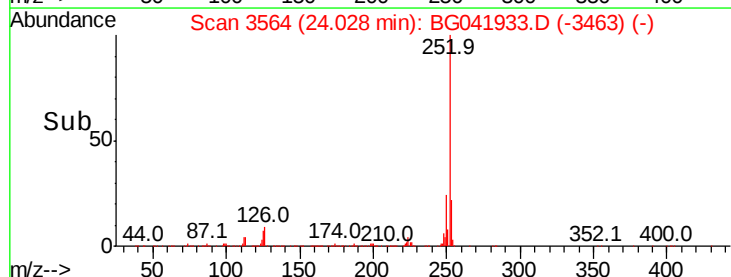
125 7.0 5.5 8.3

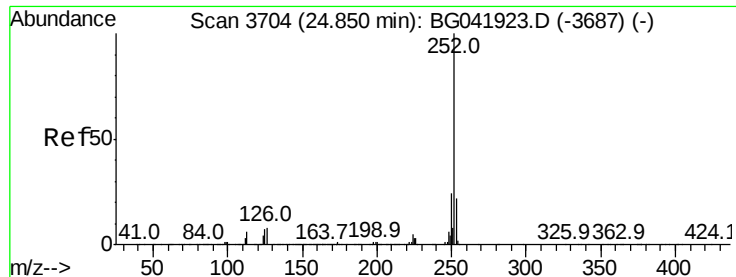


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 22.425 ng/ul

RT: 24.84 min Scan# 3703

Delta R.T. -0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

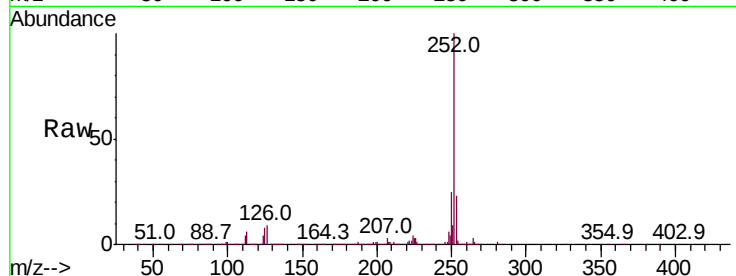
Instrument :

BNA\_G

ClientSampleId :

Tot Ion:252 Resp: 712827

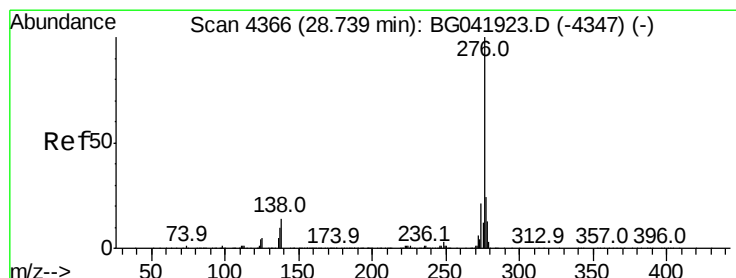
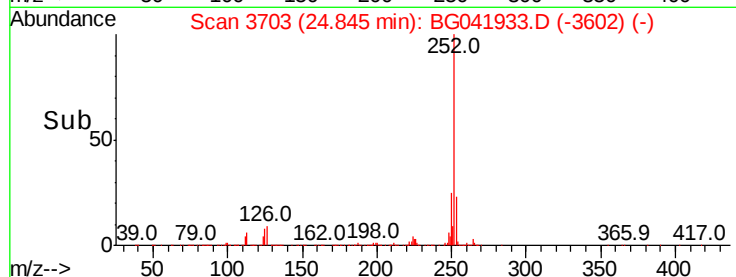
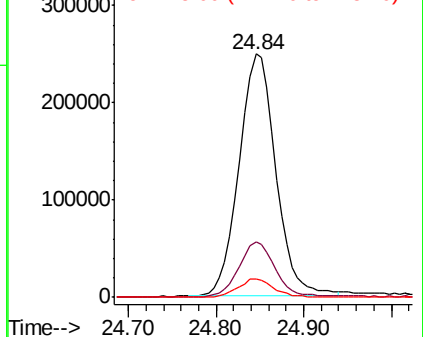
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.8  | 18.3  | 27.5  |
| 125 | 7.7   | 6.5   | 9.7   |



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: 19.548 ng/ul

RT: 28.73 min Scan# 4365

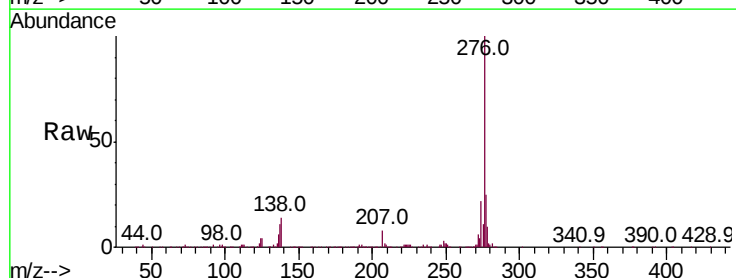
Delta R.T. -0.00 min

Lab File: BG041933.D

Acq: 4 Aug 2019 8:00

Tgt Ion:276 Resp: 724755

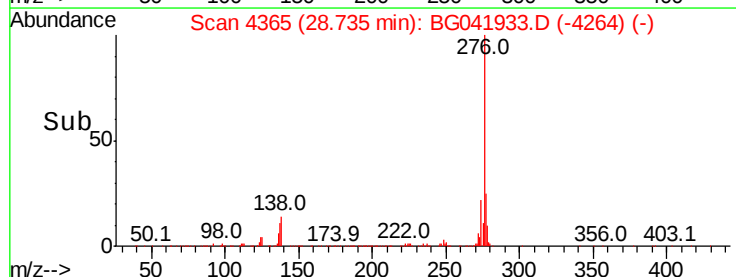
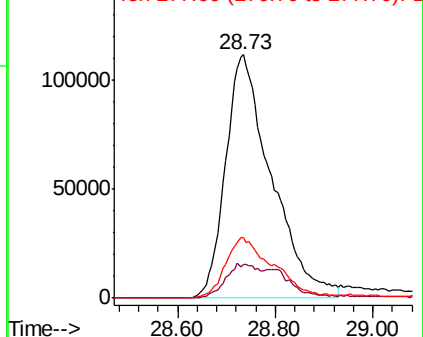
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 13.7  | 12.0  | 18.0  |
| 277 | 25.0  | 19.2  | 28.8  |

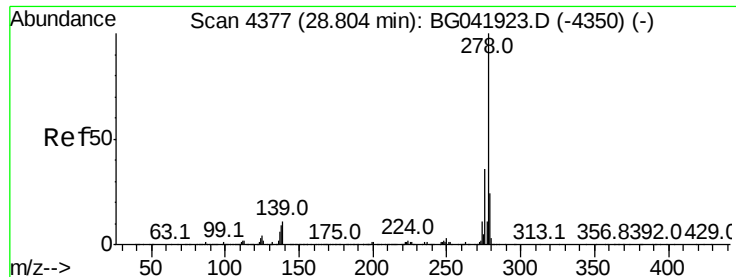


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



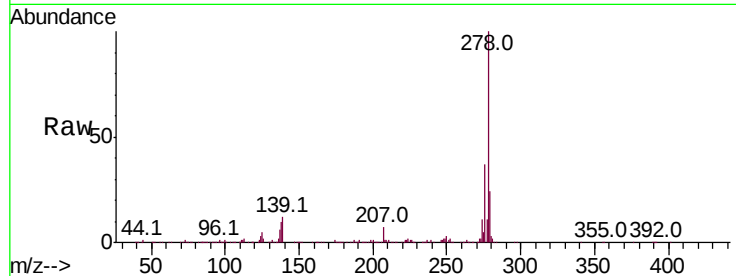


#92

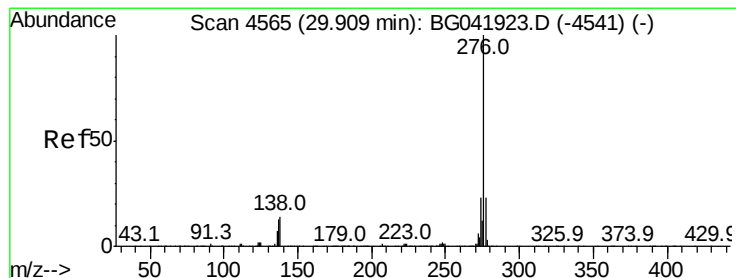
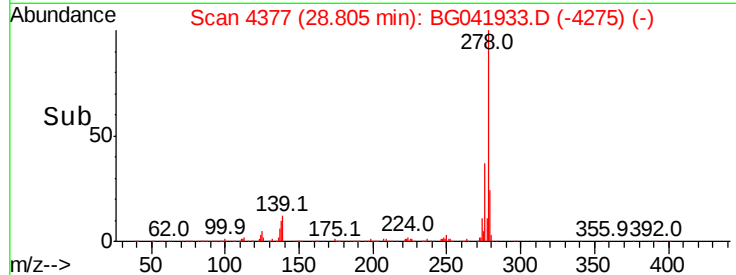
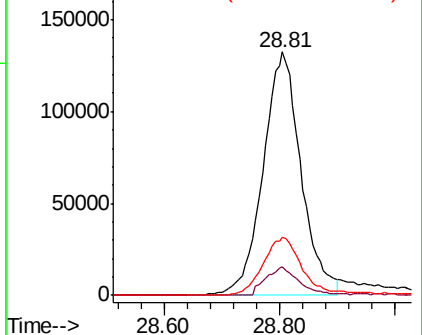
Dibenzo(a,h)anthracene  
 Concen: 20.003 ng/ul  
 RT: 28.81 min Scan# 4377  
 Delta R.T. 0.00 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 11.5  | 9.4   | 14.0  |
| 279     | 24.0  | 19.2  | 28.8  |



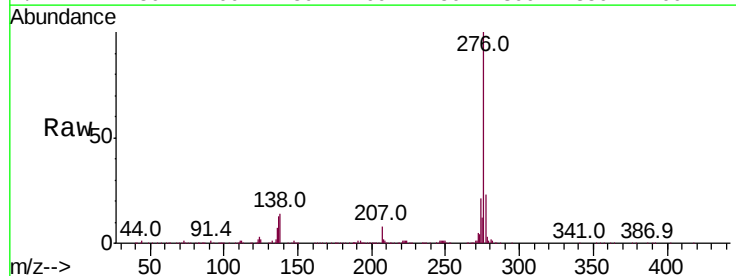
Abundance Ion 278.00 (277.70 to 278.70): E  
 Ion 139.00 (138.70 to 139.70): E  
 Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene  
 Concen: 16.893 ng/ul  
 RT: 29.90 min Scan# 4563  
 Delta R.T. -0.01 min  
 Lab File: BG041933.D  
 Acq: 4 Aug 2019 8:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 13.7  | 12.6  | 18.8  |
| 277     | 23.0  | 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

