

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\  
 Data File : BG039912.D  
 Acq On : 13 Mar 2019 21:22  
 Operator : JU/SJ  
 Sample : K1869-08MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 14 04:19:42 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 14:38:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 48110    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.97 | 136  | 199277   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.78 | 164  | 125400   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.52 | 188  | 293436   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.81 | 240  | 315444   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 25.17 | 264  | 332365   | 20.00 | ng    | -0.03    |

|                             |       |     |         |        |    |       |
|-----------------------------|-------|-----|---------|--------|----|-------|
| System Monitoring Compounds |       |     |         |        |    |       |
| 5) 2-Fluorophenol           | 5.69  | 112 | 335565  | 118.99 | ng | -0.02 |
| 7) Phenol-d6                | 7.30  | 99  | 441023  | 104.88 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 9.32  | 82  | 327361  | 88.85  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol    | 16.26 | 330 | 190378  | 130.25 | ng | -0.02 |
| 45) 2-Fluorobiphenyl        | 13.39 | 172 | 754334  | 85.65  | ng | -0.02 |
| 79) Terphenyl-d14           | 20.11 | 244 | 1171994 | 81.81  | ng | -0.02 |

|                                |       |     |        |        |    |      |
|--------------------------------|-------|-----|--------|--------|----|------|
| Target Compounds               |       |     |        | Qvalue |    |      |
| 2) 1,4-Dioxane                 | 3.60  | 88  | 42234  | 32.439 | ng | # 1  |
| 3) Pyridine                    | 4.00  | 79  | 110054 | 31.575 | ng | 99   |
| 4) n-Nitrosodimethylamine      | 3.91  | 42  | 61040  | 36.916 | ng | # 91 |
| 6) Aniline                     | 7.48  | 93  | 119233 | 21.644 | ng | 99   |
| 8) 2-Chlorophenol              | 7.71  | 128 | 124302 | 36.333 | ng | 97   |
| 9) Benzaldehyde                | 7.29  | 77  | 53887  | 19.867 | ng | 96   |
| 10) Phenol                     | 7.33  | 94  | 147267 | 32.330 | ng | 98   |
| 11) bis(2-Chloroethyl)ether    | 7.57  | 93  | 132001 | 37.167 | ng | 99   |
| 12) 1,3-Dichlorobenzene        | 8.04  | 146 | 141270 | 36.510 | ng | 98   |
| 13) 1,4-Dichlorobenzene        | 8.18  | 146 | 141536 | 35.911 | ng | 99   |
| 14) 1,2-Dichlorobenzene        | 8.51  | 146 | 134463 | 35.311 | ng | 100  |
| 15) Benzyl Alcohol             | 8.39  | 79  | 127123 | 38.112 | ng | 97   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.67  | 45  | 265234 | 37.340 | ng | 99   |
| 17) 2-Methylphenol             | 8.58  | 107 | 108095 | 37.216 | ng | 97   |
| 18) Hexachloroethane           | 9.23  | 117 | 51487  | 36.408 | ng | 98   |
| 19) n-Nitroso-di-n-propylamine | 8.95  | 70  | 107071 | 35.377 | ng | 98   |
| 20) 3+4-Methylphenols          | 8.91  | 107 | 143853 | 35.651 | ng | 98   |
| 22) Acetophenone               | 8.98  | 105 | 200091 | 37.410 | ng | # 96 |
| 24) Nitrobenzene               | 9.37  | 77  | 157282 | 40.690 | ng | 99   |
| 25) Isophorone                 | 9.88  | 82  | 309425 | 40.079 | ng | 99   |
| 26) 2-Nitrophenol              | 10.08 | 139 | 73992  | 39.647 | ng | # 91 |
| 27) 2,4-Dimethylphenol         | 10.12 | 122 | 132479 | 45.642 | ng | 96   |
| 28) bis(2-Chloroethoxy)methane | 10.36 | 93  | 183181 | 39.044 | ng | 99   |
| 29) 2,4-Dichlorophenol         | 10.61 | 162 | 138684 | 42.437 | ng | 96   |
| 30) 1,2,4-Trichlorobenzene     | 10.82 | 180 | 143767 | 39.095 | ng | 99   |
| 31) Naphthalene                | 11.02 | 128 | 411681 | 39.019 | ng | 97   |
| 32) Benzoic acid               | 10.20 | 122 | 8495   | 10.275 | ng | 94   |
| 33) 4-Chloroaniline            | 11.14 | 127 | 29160  | 6.518  | ng | # 94 |
| 34) Hexachlorobutadiene        | 11.28 | 225 | 98694  | 39.275 | ng | 96   |
| 35) Caprolactam                | 11.91 | 113 | 19348  | 15.499 | ng | 95   |
| 36) 4-Chloro-3-methylphenol    | 12.23 | 107 | 147666 | 39.418 | ng | 98   |
| 37) 2-Methylnaphthalene        | 12.61 | 142 | 310387 | 39.349 | ng | 98   |
| 38) 1-Methylnaphthalene        | 12.83 | 142 | 295919 | 38.603 | ng | 97   |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.97 | 216 | 172579 | 40.624 | ng | 99   |

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\  
 Data File : BG039912.D  
 Acq On : 13 Mar 2019 21:22  
 Operator : JU/SJ  
 Sample : K1869-08MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

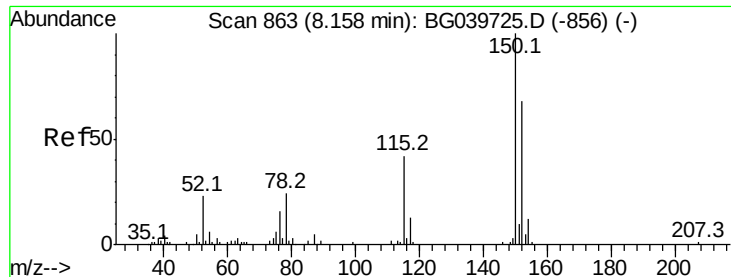
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Mar 14 04:19:42 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 04 14:38:15 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.94 | 237  | 211192   | 92.764 | ng    | 100      |
| 43) 2,4,6-Trichlorophenol      | 13.21 | 196  | 113966   | 45.822 | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.28 | 196  | 119969   | 42.793 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.61 | 154  | 415804   | 40.315 | ng    | 98       |
| 47) 2-Chloronaphthalene        | 13.66 | 162  | 314947   | 40.590 | ng    | 97       |
| 48) 2-Nitroaniline             | 13.87 | 65   | 110902   | 44.476 | ng    | 95       |
| 49) Acenaphthylene             | 14.50 | 152  | 503936   | 39.563 | ng    | 98       |
| 50) Dimethylphthalate          | 14.22 | 163  | 427230   | 40.744 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.35 | 165  | 93650    | 42.129 | ng    | 97       |
| 52) Acenaphthene               | 14.84 | 154  | 307596   | 40.123 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.69 | 138  | 54002    | 24.167 | ng    | # 98     |
| 54) 2,4-Dinitrophenol          | 14.89 | 184  | 51216    | 39.390 | ng    | 95       |
| 55) Dibenzofuran               | 15.17 | 168  | 509645   | 40.519 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.98 | 139  | 132307   | 66.189 | ng    | 93       |
| 57) 2,4-Dinitrotoluene         | 15.14 | 165  | 133171   | 42.635 | ng    | 85       |
| 58) Fluorene                   | 15.82 | 166  | 395165   | 39.964 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.39 | 232  | 118101   | 43.135 | ng    | 98       |
| 60) Diethylphthalate           | 15.57 | 149  | 425041   | 40.947 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.80 | 204  | 210311   | 39.858 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.85 | 138  | 98136    | 40.510 | ng    | 99       |
| 63) Azobenzene                 | 16.10 | 77   | 387810   | 41.215 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.89 | 198  | 49581    | 28.577 | ng    | 95       |
| 66) n-Nitrosodiphenylamine     | 16.02 | 169  | 362368   | 42.656 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.70 | 248  | 137064   | 41.730 | ng    | 95       |
| 68) Hexachlorobenzene          | 16.81 | 284  | 141548   | 41.575 | ng    | 96       |
| 69) Atrazine                   | 16.96 | 200  | 146006   | 43.671 | ng    | 96       |
| 70) Pentachlorophenol          | 17.16 | 266  | 151280   | 70.356 | ng    | 96       |
| 71) Phenanthrene               | 17.56 | 178  | 656492   | 40.617 | ng    | 99       |
| 72) Anthracene                 | 17.65 | 178  | 670401   | 42.564 | ng    | 99       |
| 73) Carbazole                  | 17.92 | 167  | 592105   | 41.700 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.45 | 149  | 726586   | 43.492 | ng    | 100      |
| 75) Fluoranthene               | 19.56 | 202  | 810039   | 42.407 | ng    | 98       |
| 77) Benzidine                  | 19.74 | 184  | 186613   | 18.643 | ng    | 98       |
| 78) Pyrene                     | 19.93 | 202  | 815997   | 39.809 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.79 | 149  | 353457   | 44.508 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.78 | 228  | 796813   | 40.305 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.70 | 252  | 170682   | 23.647 | ng    | 96       |
| 83) Chrysene                   | 21.85 | 228  | 774184   | 40.393 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.65 | 149  | 501578   | 44.946 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.90 | 149  | 848665   | 45.929 | ng    | 96       |
| 86) Indeno(1,2,3-cd)pyrene     | 29.03 | 276  | 935963   | 43.046 | ng    | # 95     |
| 88) Benzo(b)fluoranthene       | 24.09 | 252  | 817438   | 41.244 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.16 | 252  | 777523   | 42.144 | ng    | 98       |
| 90) Benzo(a)pyrene             | 25.01 | 252  | 790782   | 43.178 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 29.10 | 278  | 756768   | 42.149 | ng    | 97       |
| 92) Benzo(g,h,i)perylene       | 30.26 | 276  | 773850   | 42.915 | ng    | 96       |

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



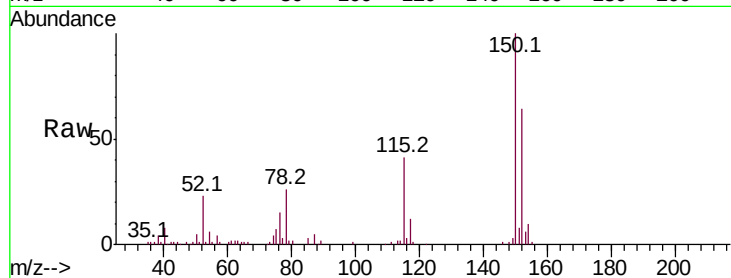


#1

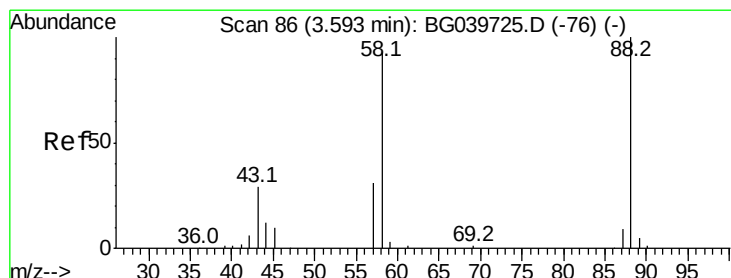
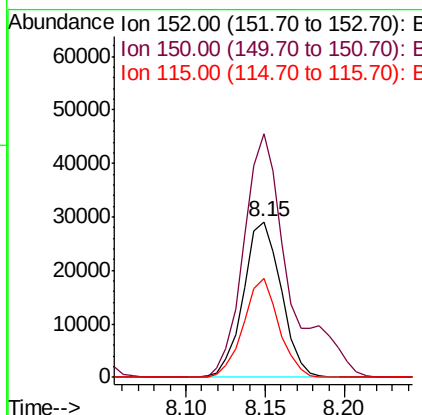
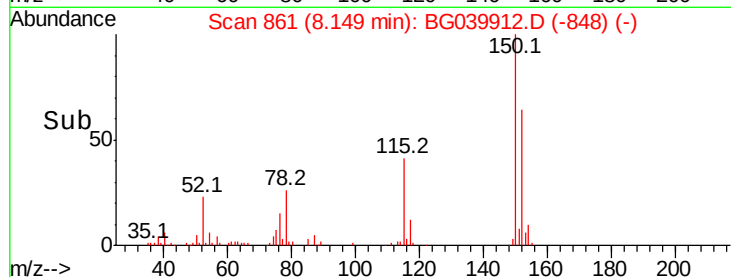
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.15 min Scan# 861  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:152 Resp: 48110  
Ion Ratio Lower Upper  
152 100  
150 156.3 123.7 185.5  
115 63.6 45.9 68.9



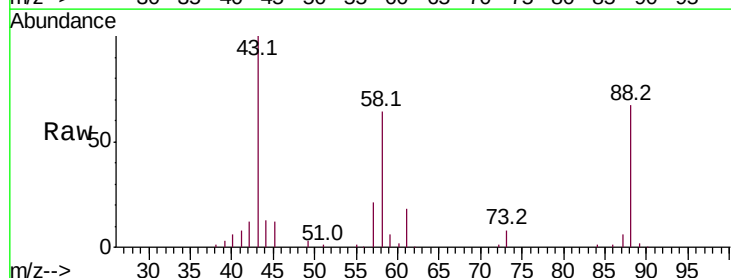
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



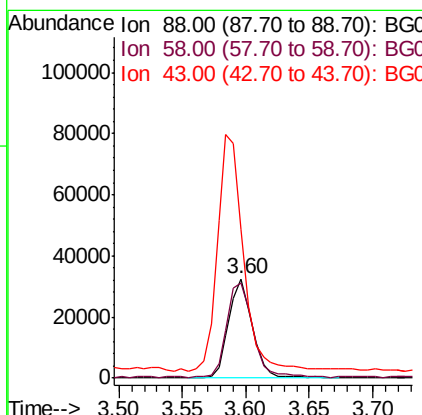
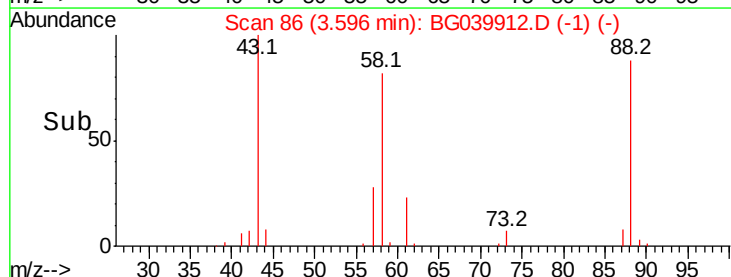
#2

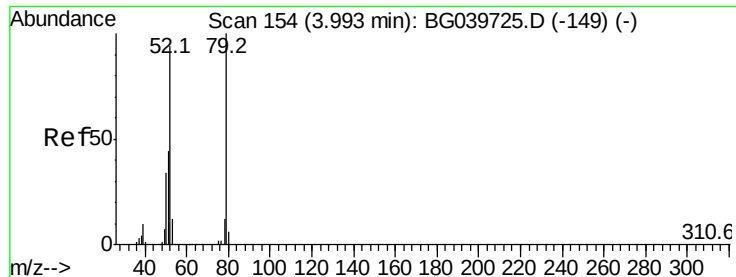
1,4-Dioxane  
Concen: 32.439 ng  
RT: 3.60 min Scan# 86  
Delta R.T. -0.01 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Tgt Ion: 88 Resp: 42234  
Ion Ratio Lower Upper  
88 100  
58 103.7 81.1 121.7  
43 258.7 31.4 47.0#



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





#3

Pvridine

Concen: 31.575 ng

RT: 4.00 min Scan# 154

Delta R.T. -0.01 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

Instrument :

BNA\_G

ClientSampled :

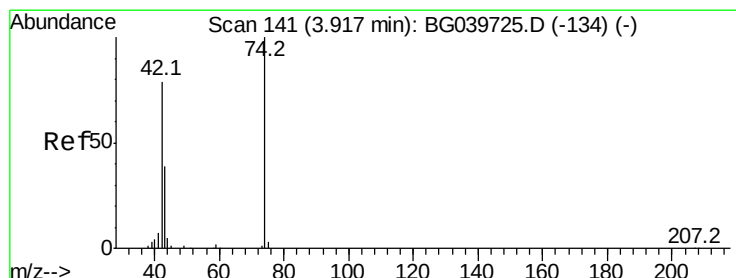
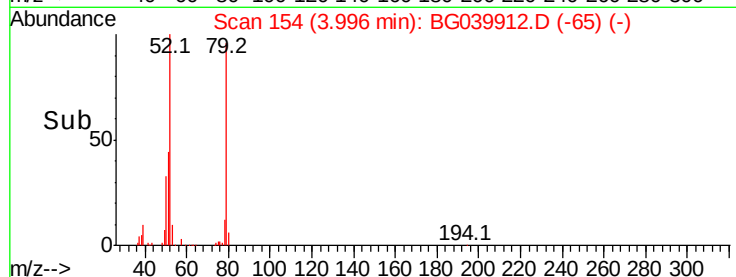
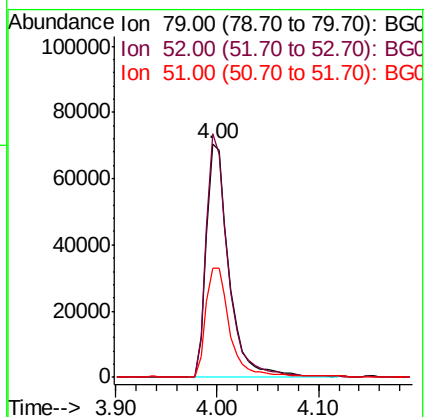
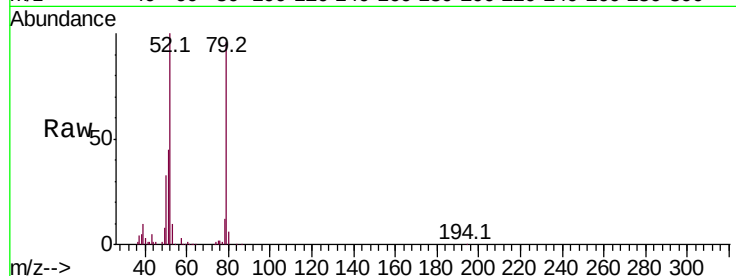
Tot Ion: 79 Resp: 110054

Ion Ratio Lower Upper

79 100

52 104.2 82.6 124.0

51 46.7 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 36.916 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

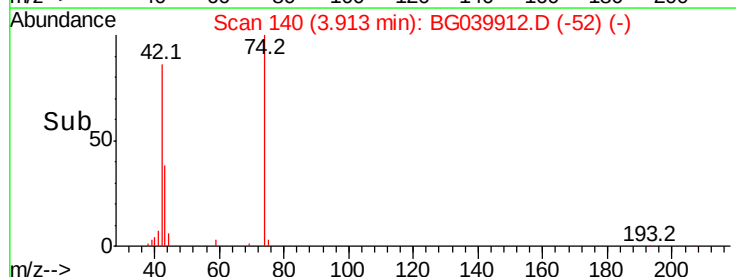
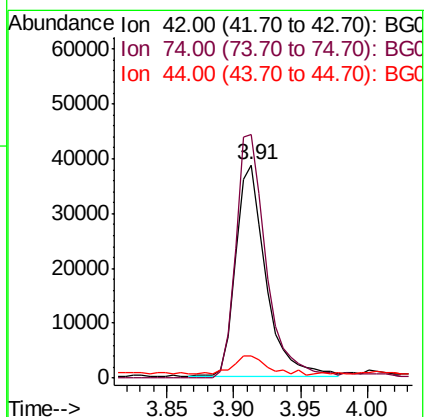
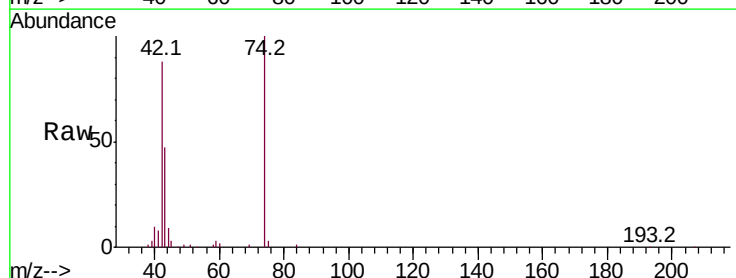
Tgt Ion: 42 Resp: 61040

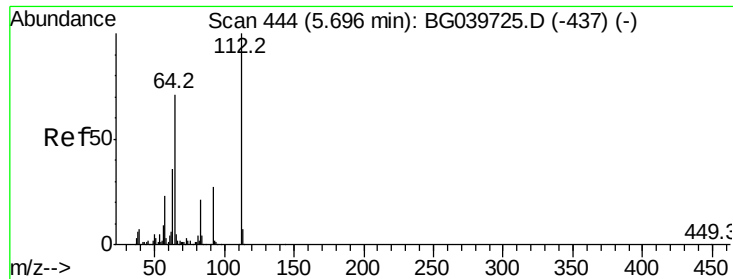
Ion Ratio Lower Upper

42 100

74 114.0 83.6 125.4

44 10.5 6.9 10.3#





#5

2-Fluorophenol

Concen: 118.993 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

Instrument :

BNA\_G

ClientSampleId :

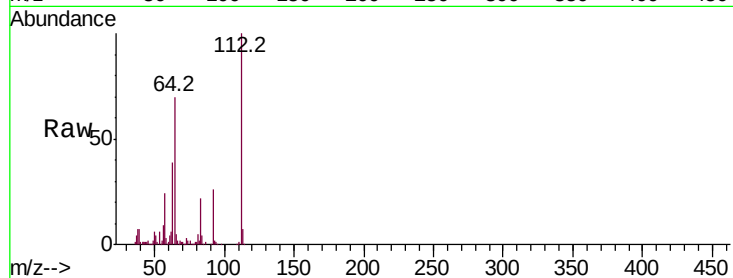
Tot Ion:112 Resp: 335565

Ion Ratio Lower Upper

112 100

64 70.4 57.8 86.8

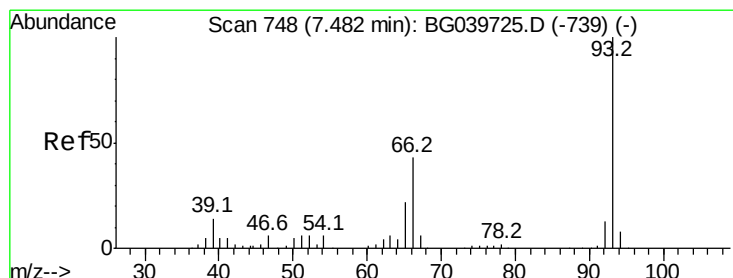
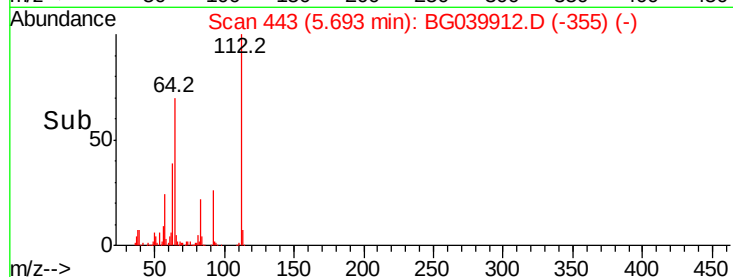
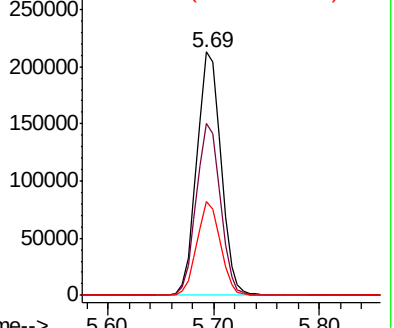
63 38.8 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 21.644 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

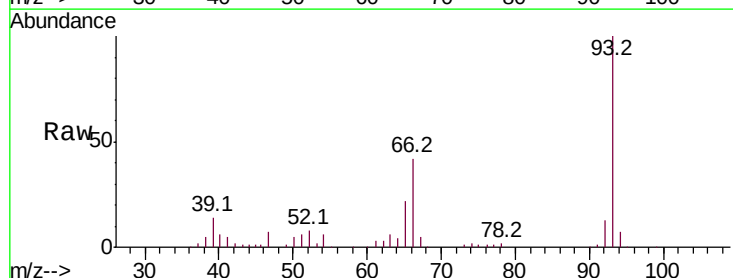
Tgt Ion: 93 Resp: 119233

Ion Ratio Lower Upper

93 100

66 42.1 34.2 51.4

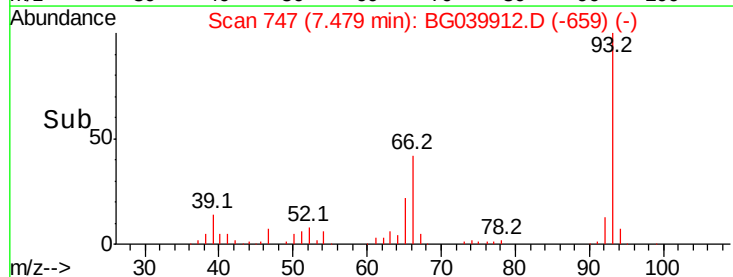
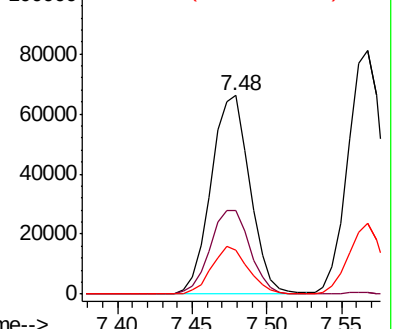
65 22.2 17.7 26.5

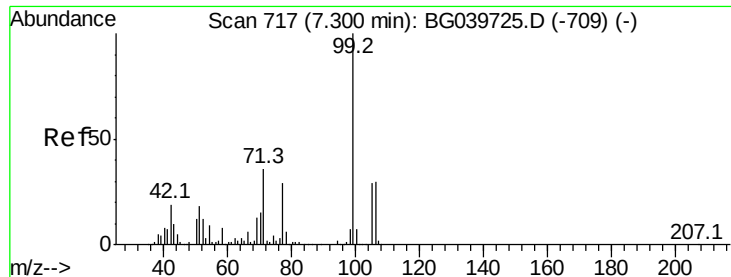


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 104.885 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

Instrument :

BNA\_G

ClientSampleId :

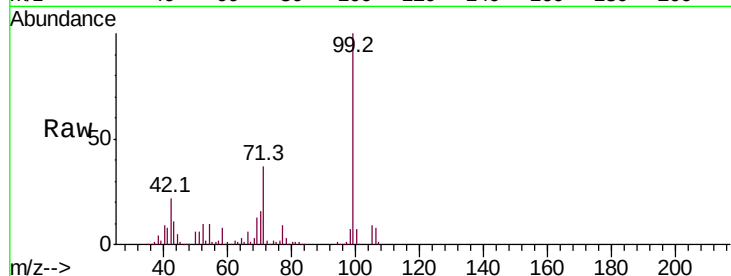
Tot Ion: 99 Resp: 441023

Ion Ratio Lower Upper

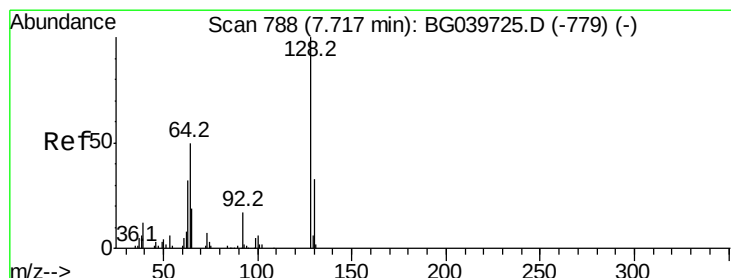
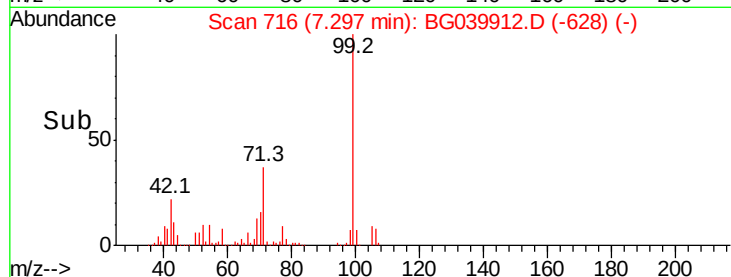
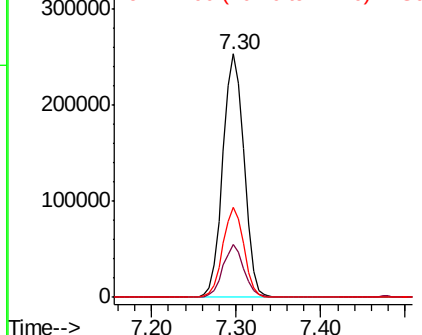
99 100

42 21.6 18.2 27.2

71 36.9 28.0 42.0



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



#8

2-Chlorophenol

Concen: 36.333 ng

RT: 7.71 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

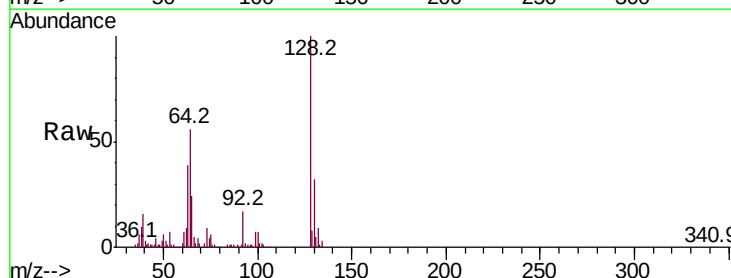
Tgt Ion:128 Resp: 124302

Ion Ratio Lower Upper

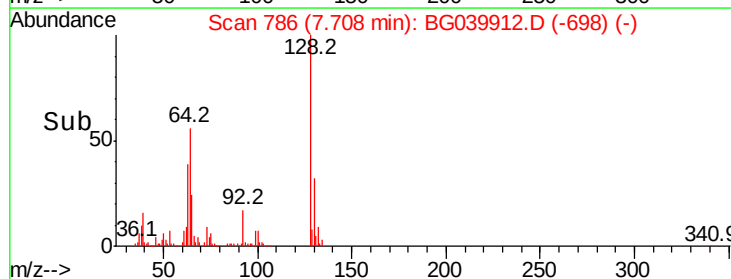
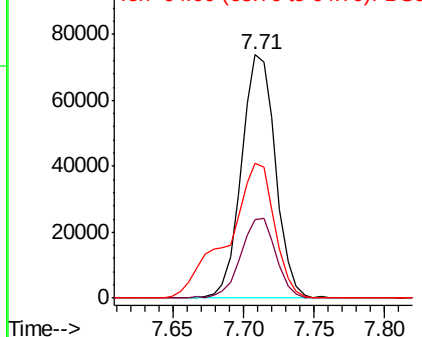
128 100

130 32.2 12.9 52.9

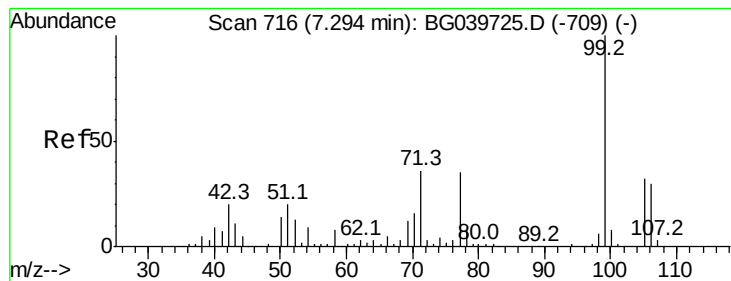
64 55.5 38.7 78.7



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







#9

Benzaldehyde

Concen: 19.867 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

Instrument :

BNA\_G

ClientSampleId :

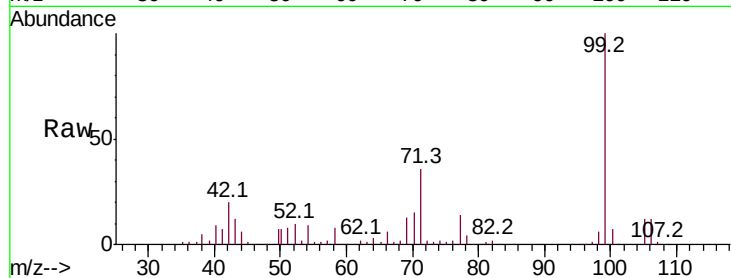
Tot Ion: 77 Resp: 53887

Ion Ratio Lower Upper

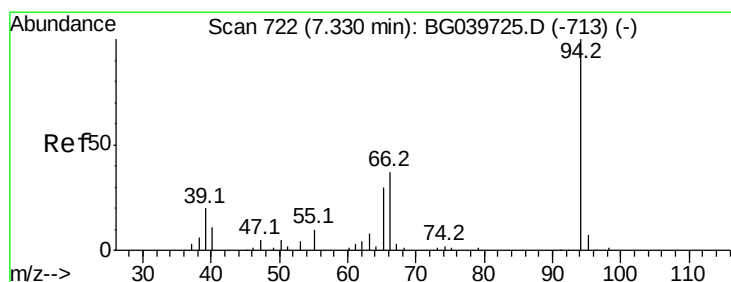
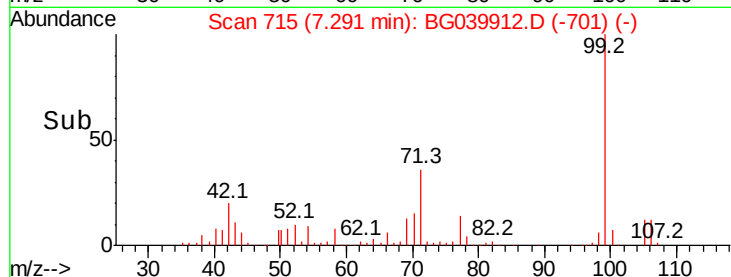
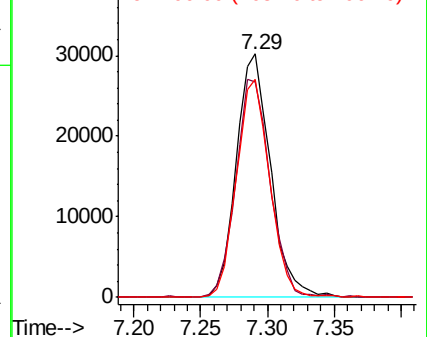
77 100

105 88.5 74.5 114.5

106 89.3 68.0 108.0



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



#10

Phenol

Concen: 32.330 ng

RT: 7.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

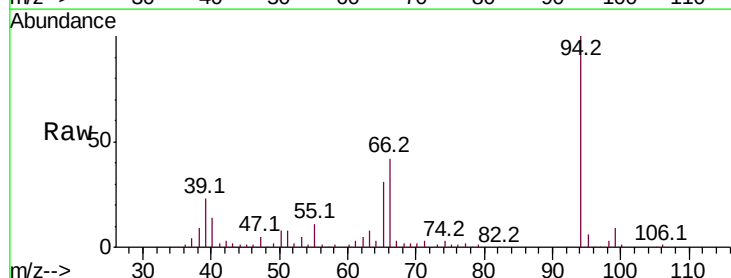
Tgt Ion: 94 Resp: 147267

Ion Ratio Lower Upper

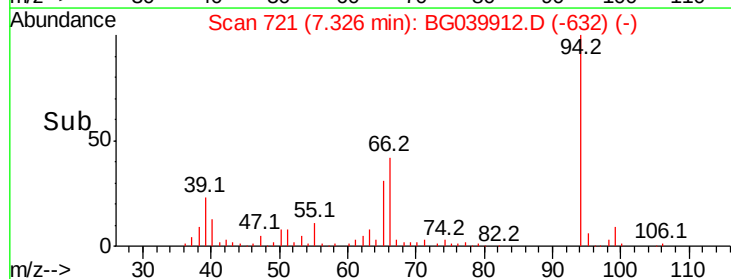
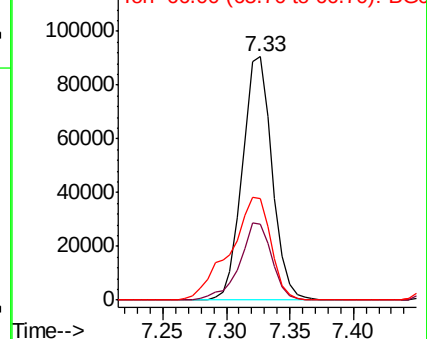
94 100

65 31.5 11.7 51.7

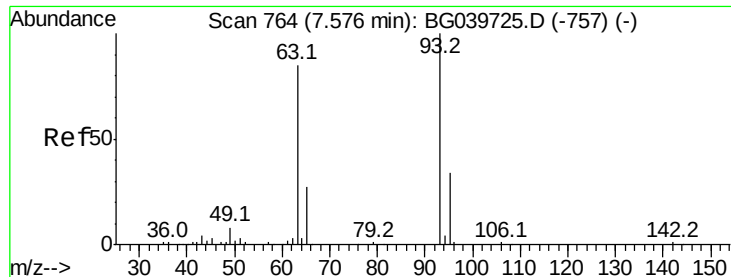
66 41.7 23.7 63.7



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



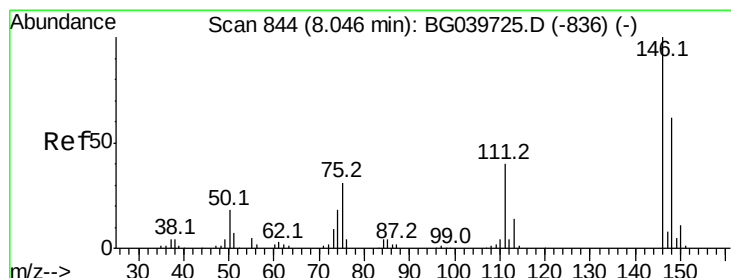
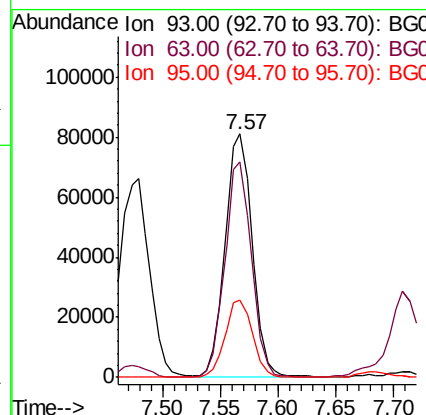
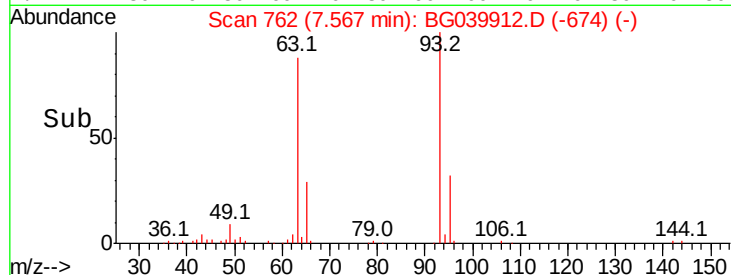
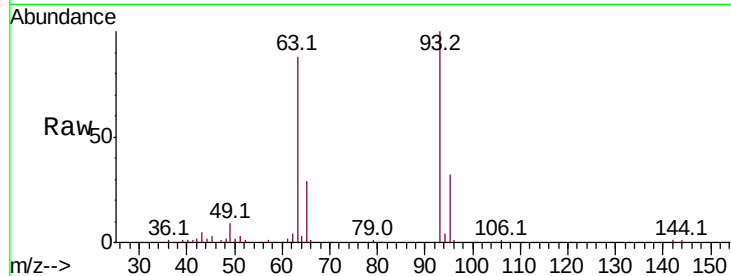




#11  
 bis(2-Chloroethyl)ether  
 Concen: 37.167 ng  
 RT: 7.57 min Scan# 762  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

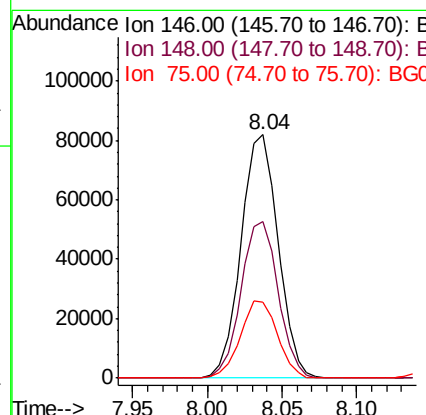
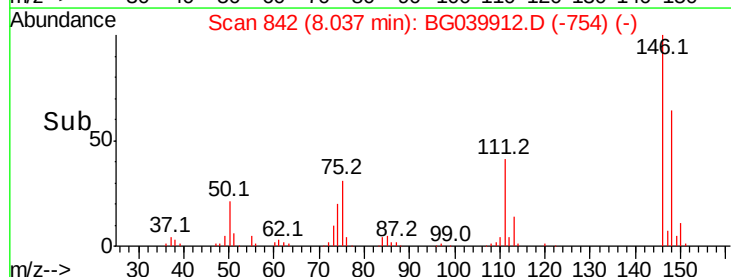
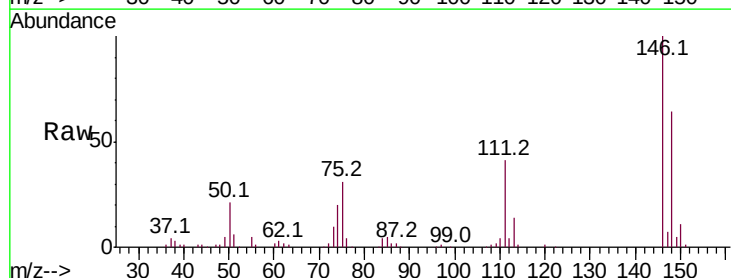
Instrument :  
 BNA\_G  
 ClientSampleId :

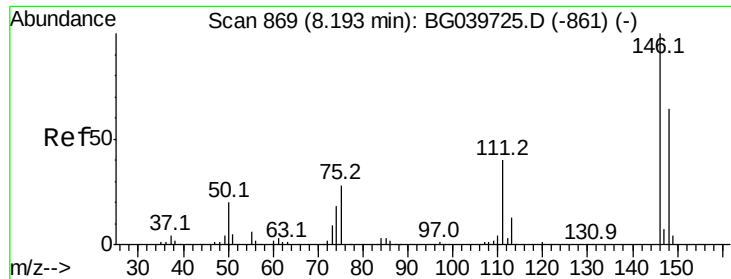
Tot Ion: 93 Resp: 132001  
 Ion Ratio Lower Upper  
 93 100  
 63 88.3 69.5 109.5  
 95 31.8 12.7 52.7



#12  
 1,3-Dichlorobenzene  
 Concen: 36.510 ng  
 RT: 8.04 min Scan# 842  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

Tgt Ion: 146 Resp: 141270  
 Ion Ratio Lower Upper  
 146 100  
 148 64.5 52.6 79.0  
 75 31.2 25.8 38.6

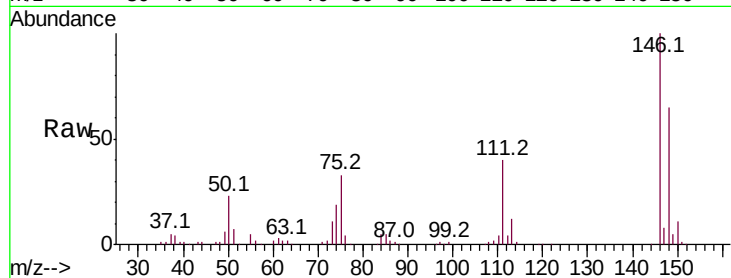




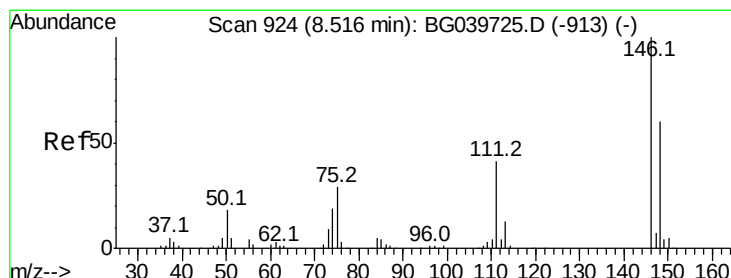
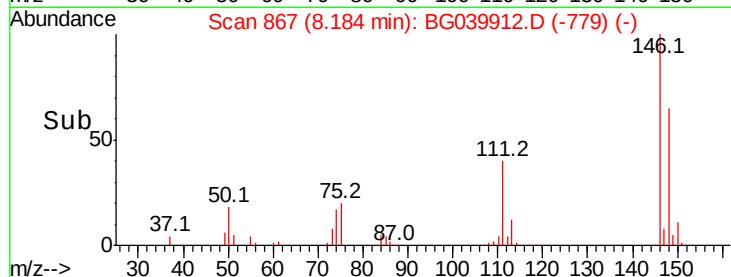
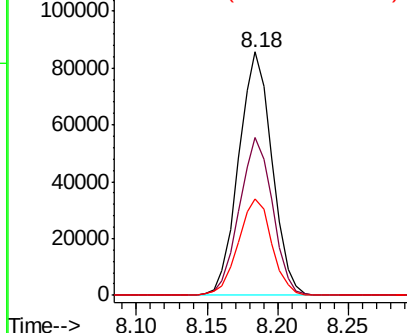
#13  
 1,4-Dichlorobenzene  
 Concen: 35.911 ng  
 RT: 8.18 min Scan# 867  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:146 Resp: 141536  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 51.1 76.7  
 111 39.8 32.6 48.8

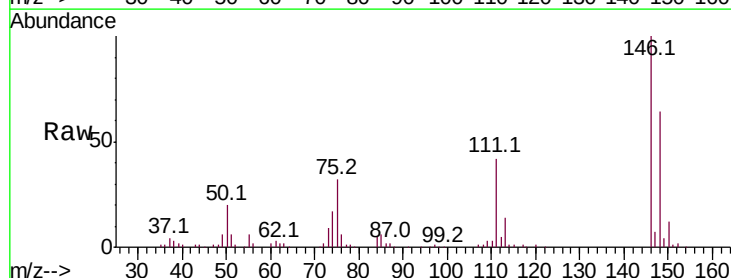


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

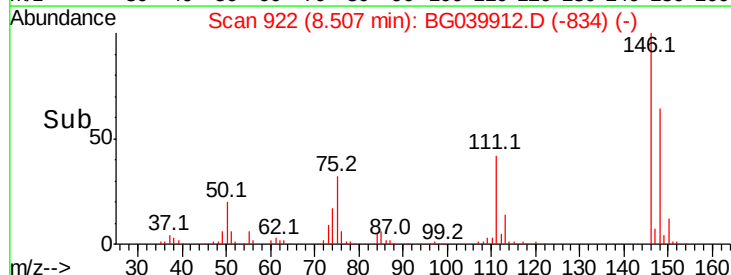
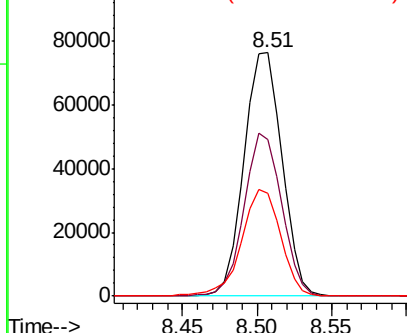


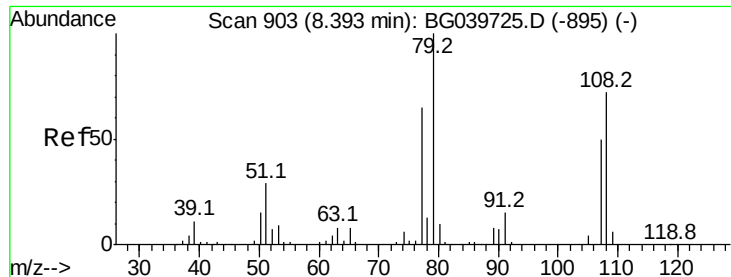
#14  
 1,2-Dichlorobenzene  
 Concen: 35.311 ng  
 RT: 8.51 min Scan# 922  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

Tgt Ion:146 Resp: 134463  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 51.5 77.3  
 111 42.1 33.8 50.6



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





#15

Benzyl Alcohol

Concen: 38.112 ng

RT: 8.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

Instrument :

BNA\_G

ClientSampled :

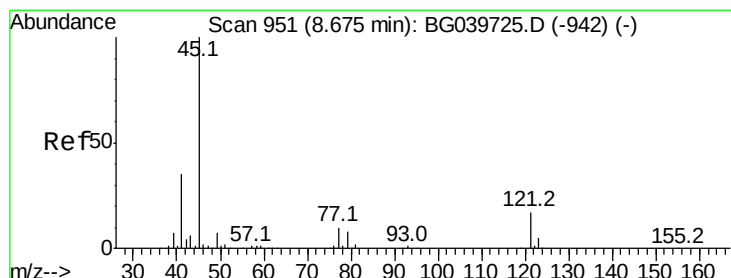
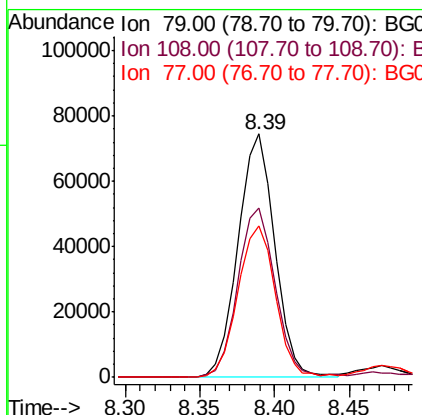
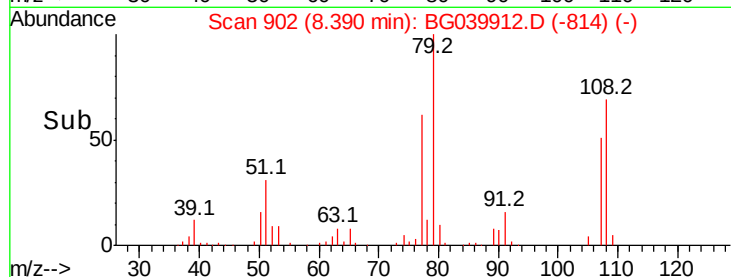
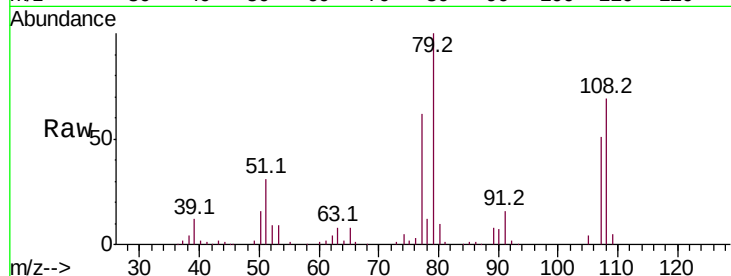
Tot Ion: 79 Resp: 127123

Ion Ratio Lower Upper

79 100

108 69.4 57.8 86.6

77 62.1 51.1 76.7



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.340 ng

RT: 8.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

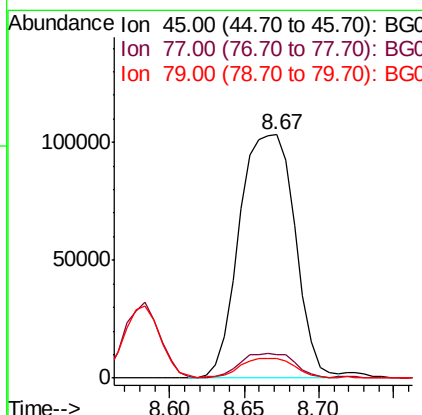
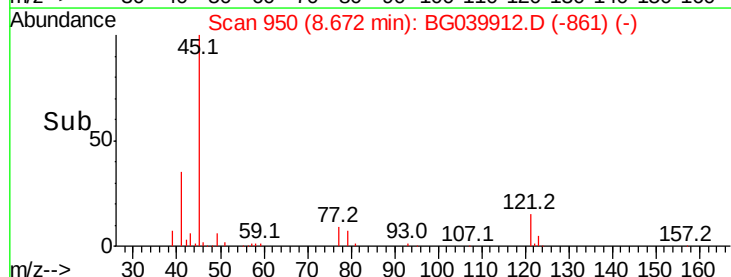
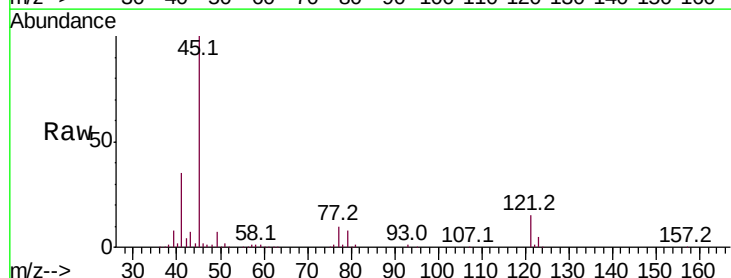
Tgt Ion: 45 Resp: 265234

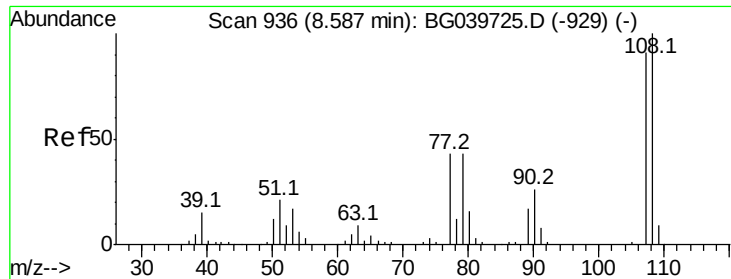
Ion Ratio Lower Upper

45 100

77 9.9 0.0 30.0

79 8.0 0.0 27.5

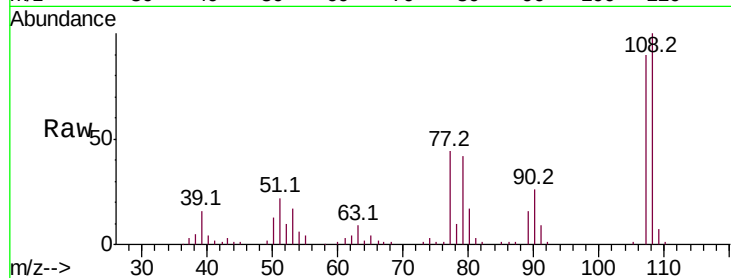




#17  
2-Methylphenol  
Concen: 37.216 ng  
RT: 8.58 min Scan# 935  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 108095 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.8 | 90.8  | 136.2  |
| 77       | 48.9  | 40.7  | 61.1   |
| 79       | 46.8  | 40.6  | 60.8   |



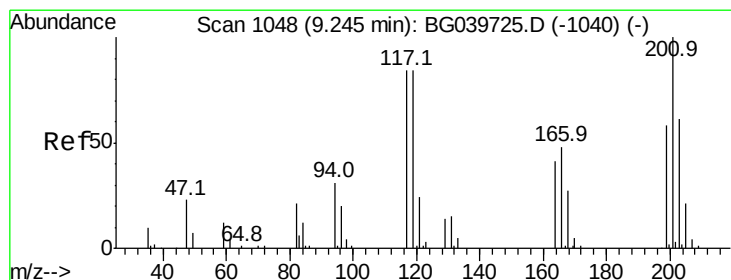
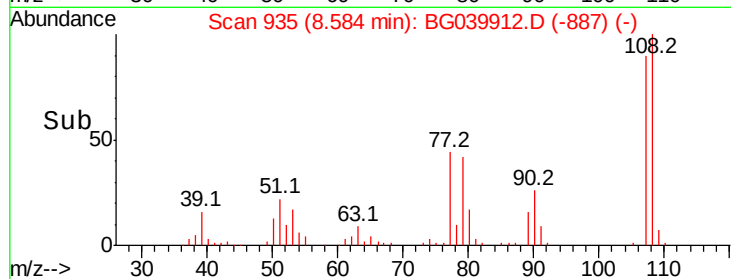
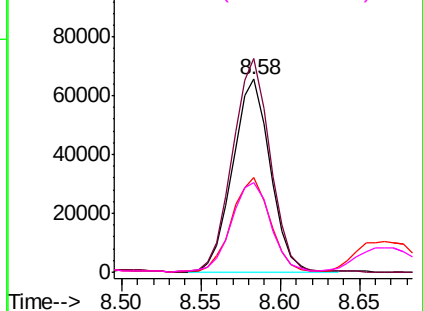
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

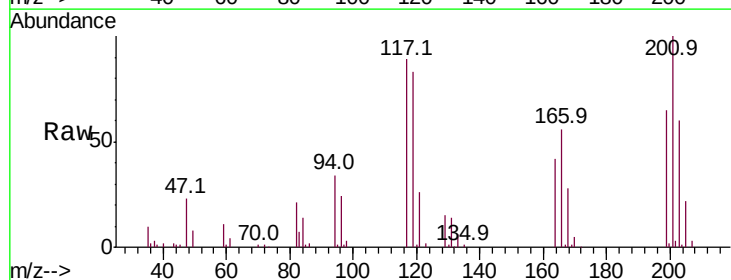
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
Hexachloroethane  
Concen: 36.408 ng  
RT: 9.23 min Scan# 1045  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 51487 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 93.2  | 76.3  | 114.5 |
| 201      | 112.5 | 91.1  | 136.7 |

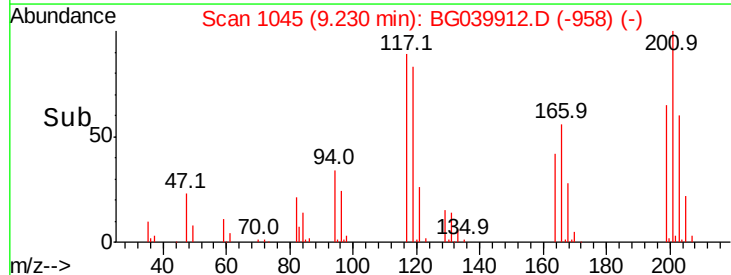
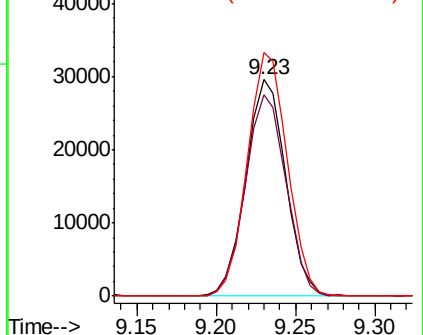


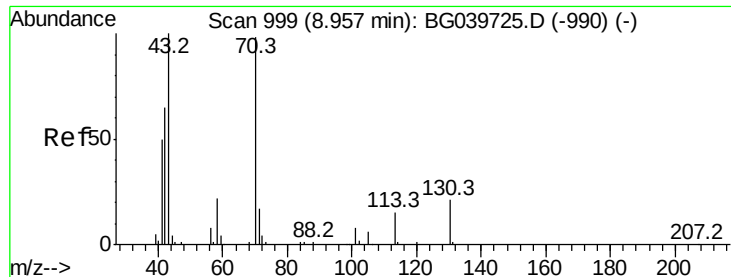
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

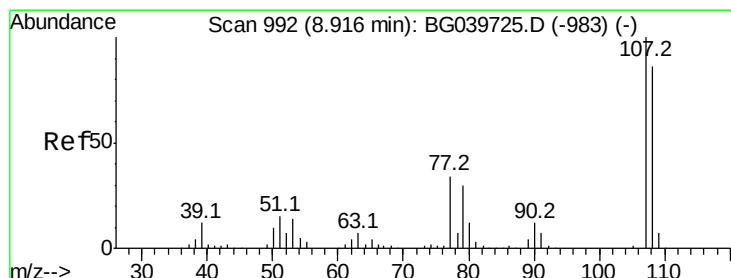
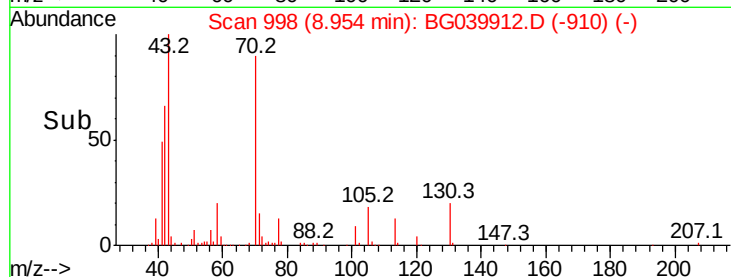
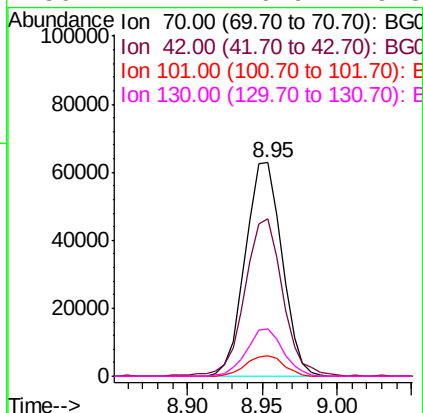
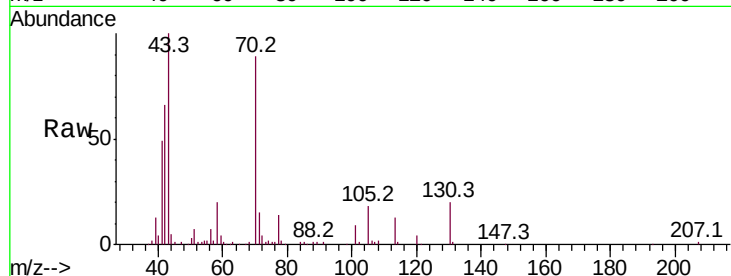




#19  
n-Nitroso-di-n-propylamine  
Concen: 35.377 ng  
RT: 8.95 min Scan# 998  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

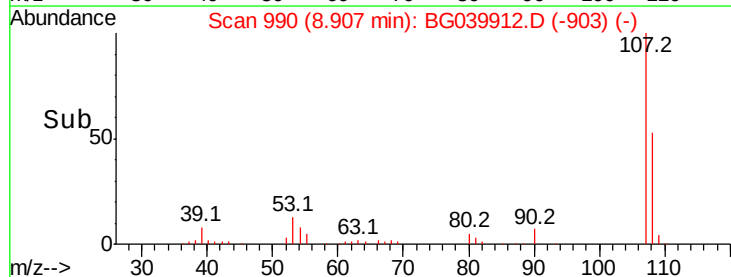
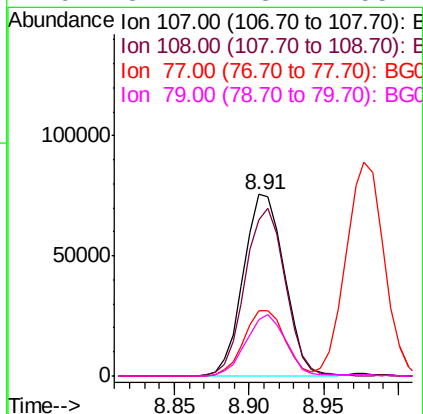
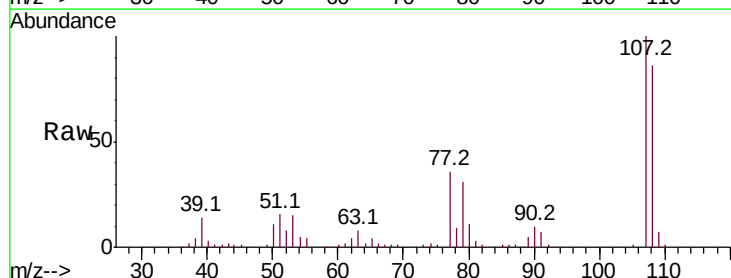
Instrument :  
BNA\_G  
ClientSampleId :

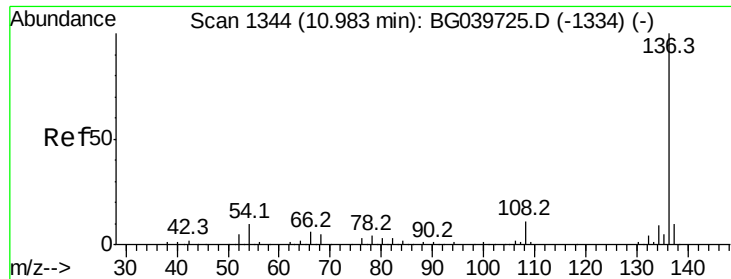
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 107071 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 73.6  | 60.4  | 90.6   |
| 101      | 9.9   | 7.5   | 11.3   |
| 130      | 22.2  | 16.9  | 25.3   |



#20  
3+4-Methylphenols  
Concen: 35.651 ng  
RT: 8.91 min Scan# 990  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 143853 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 86.1  | 67.9  | 107.9  |
| 77       | 35.9  | 15.4  | 55.4   |
| 79       | 31.4  | 13.7  | 53.7   |

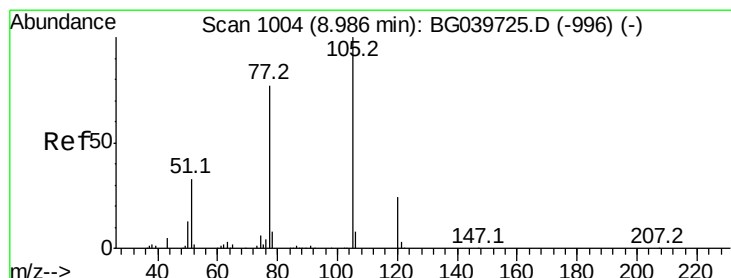
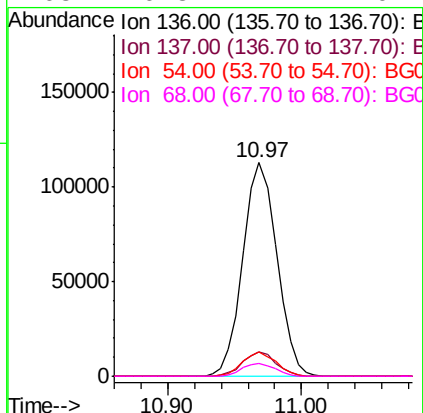
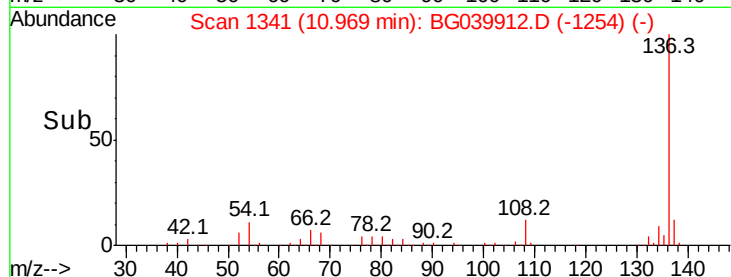
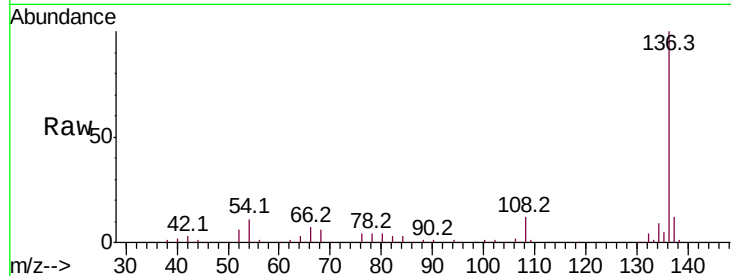




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.97 min Scan# 1341  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

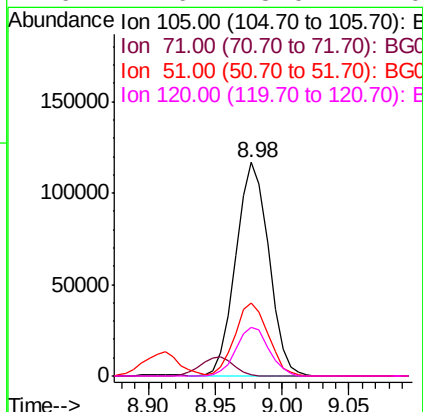
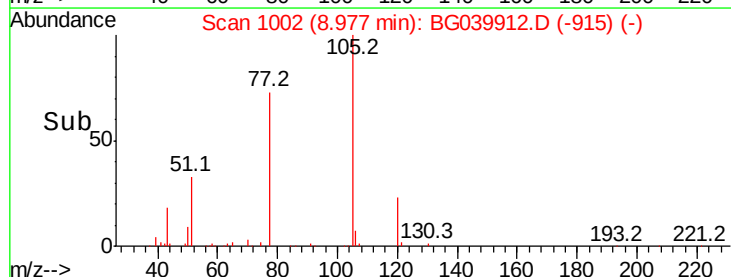
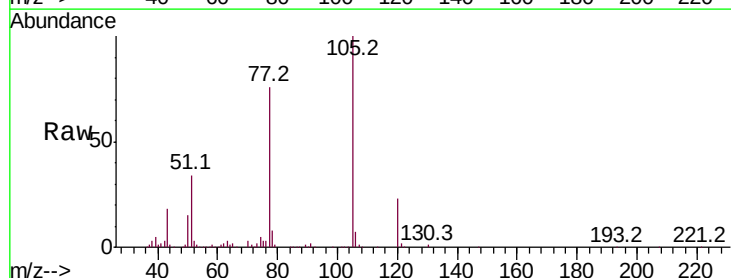
Instrument :  
BNA\_G  
ClientSampleId :

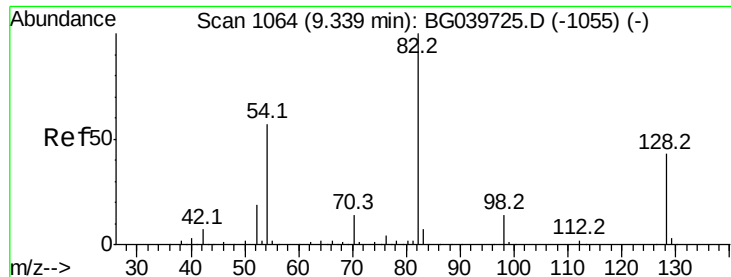
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:136 | Resp: | 199277      |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 11.5  | 9.1 13.7    |
| 54          | 11.2  | 9.4 14.2    |
| 68          | 6.3   | 4.2 6.4     |



#22  
Acetophenone  
Concen: 37.410 ng  
RT: 8.98 min Scan# 1002  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:105 | Resp: | 200091      |
| Ion         | Ratio | Lower Upper |
| 105         | 100   |             |
| 71          | 0.6   | 0.8 1.2#    |
| 51          | 34.4  | 30.2 45.2   |
| 120         | 22.6  | 18.0 27.0   |

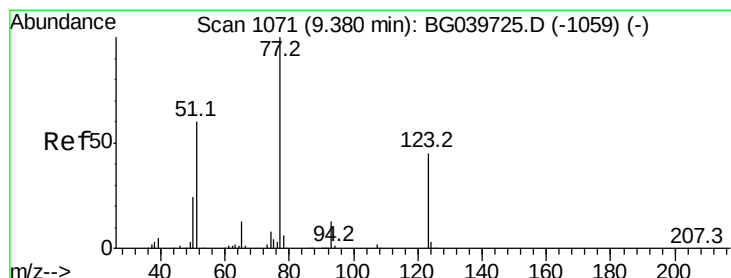
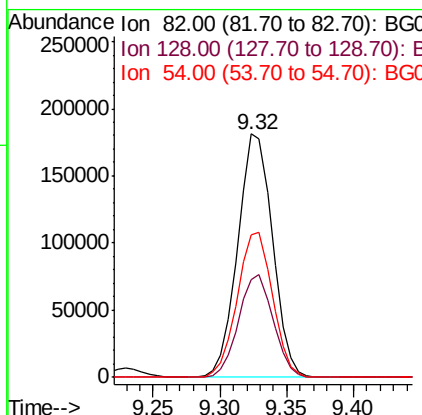
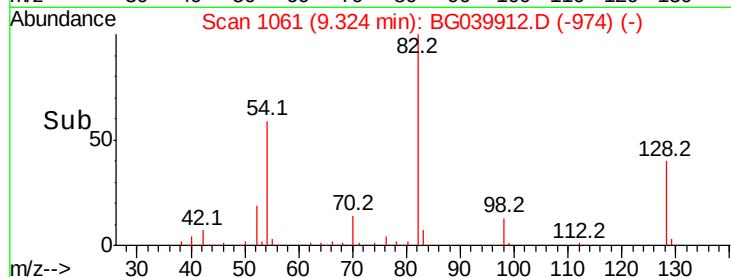
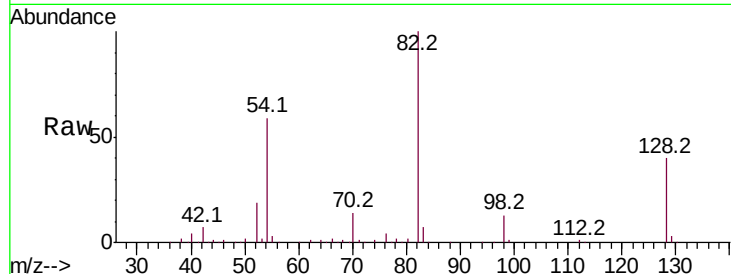




#23  
 Nitrobenzene-d5  
 Concen: 88.846 ng  
 RT: 9.32 min Scan# 1061  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

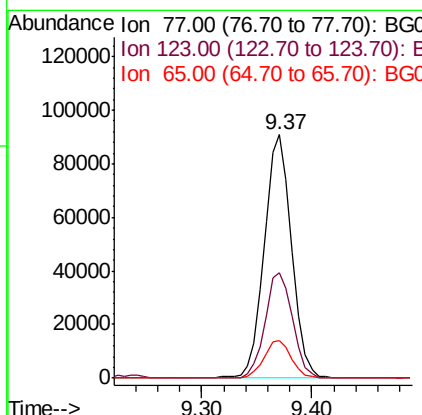
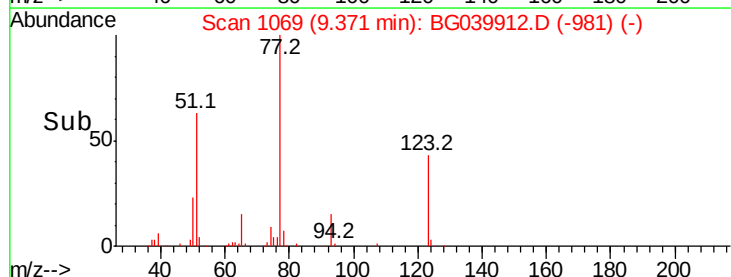
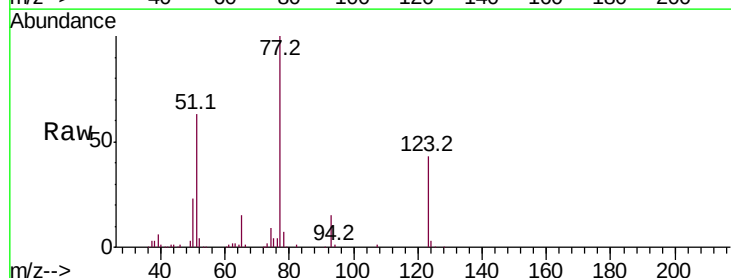
Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion: 82 Resp: 327361  
 Ion Ratio Lower Upper  
 82 100  
 128 40.2 31.3 46.9  
 54 58.6 50.9 76.3

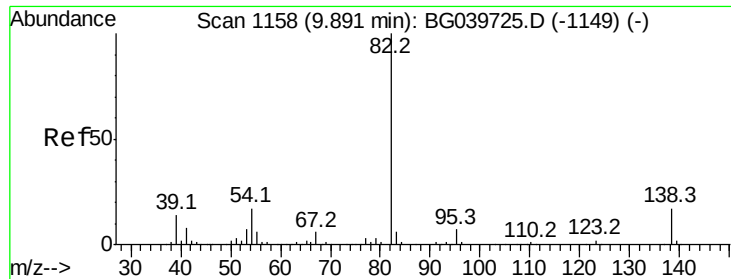


#24  
 Nitrobenzene  
 Concen: 40.690 ng  
 RT: 9.37 min Scan# 1069  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

Tgt Ion: 77 Resp: 157282  
 Ion Ratio Lower Upper  
 77 100  
 123 43.4 34.1 51.1  
 65 15.2 12.3 18.5



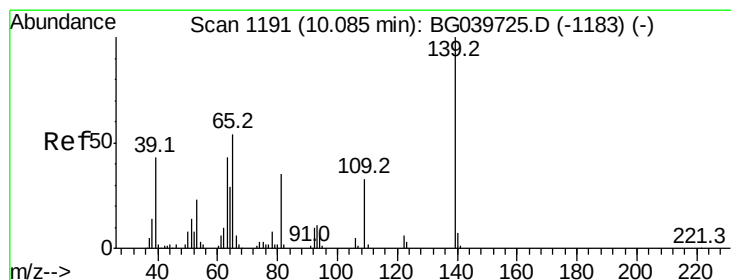
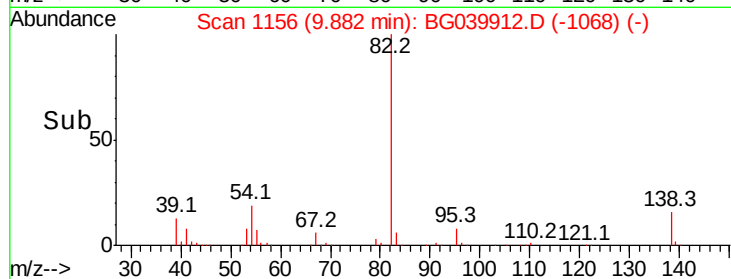
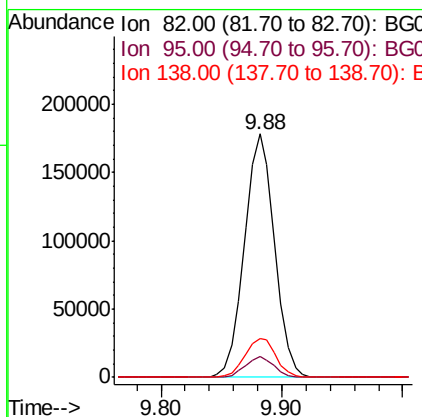
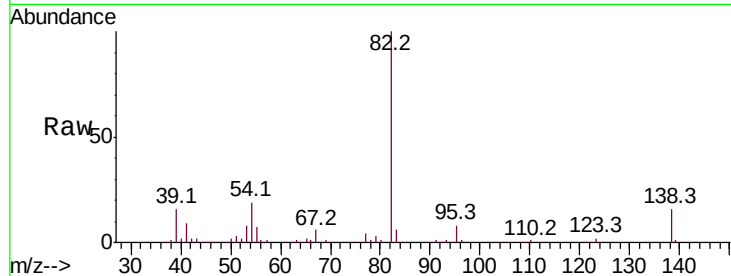




#25  
Isophorone  
Concen: 40.079 ng  
RT: 9.88 min Scan# 1156  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

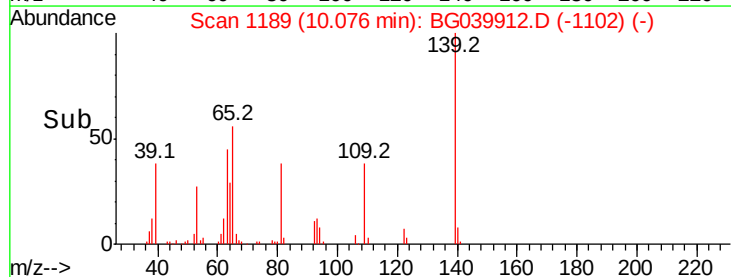
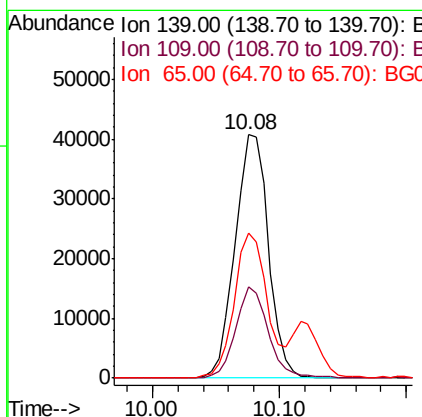
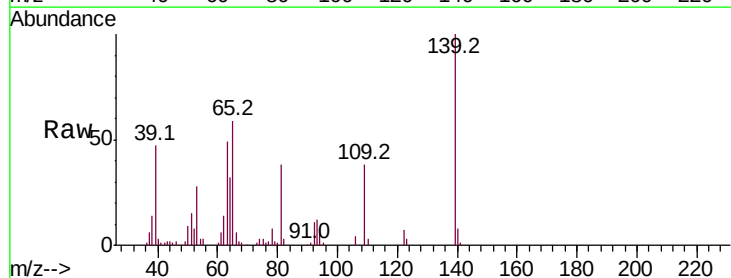
Instrument :  
BNA\_G  
ClientSampleId :

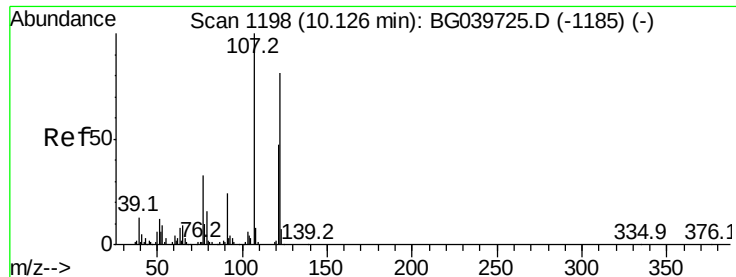
Tot Ion: 82 Resp: 309425  
Ion Ratio Lower Upper  
82 100  
95 8.4 6.2 9.2  
138 16.1 13.0 19.4



#26  
2-Nitrophenol  
Concen: 39.647 ng  
RT: 10.08 min Scan# 1189  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Tgt Ion:139 Resp: 73992  
Ion Ratio Lower Upper  
139 100  
109 37.6 23.4 35.0#  
65 59.5 44.3 66.5





#27

2,4-Dimethylphenol

Concen: 45.642 ng

RT: 10.12 min Scan# 1197

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

Instrument :

BNA\_G

ClientSampled :

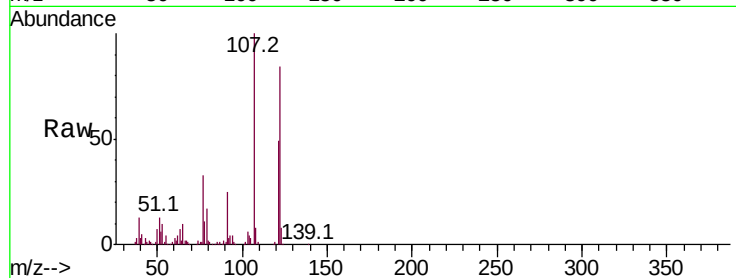
Tot Ion:122 Resp: 132479

Ion Ratio Lower Upper

122 100

107 119.7 91.7 137.5

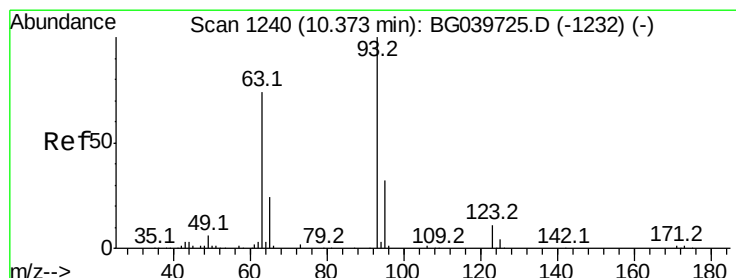
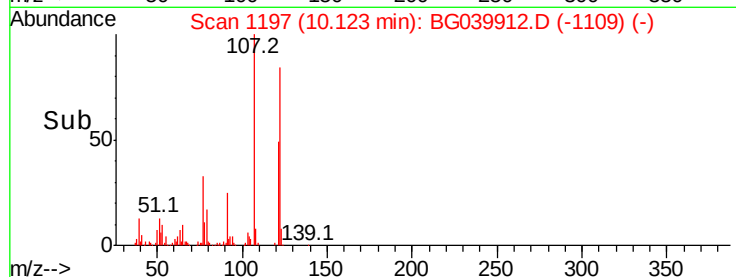
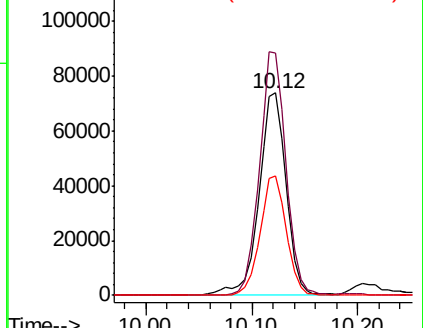
121 59.1 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.044 ng

RT: 10.36 min Scan# 1238

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

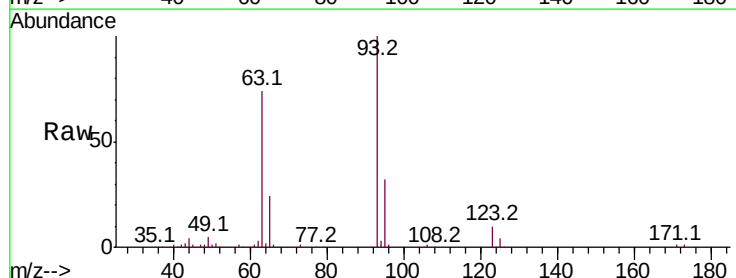
Tgt Ion: 93 Resp: 183181

Ion Ratio Lower Upper

93 100

95 32.1 25.0 37.4

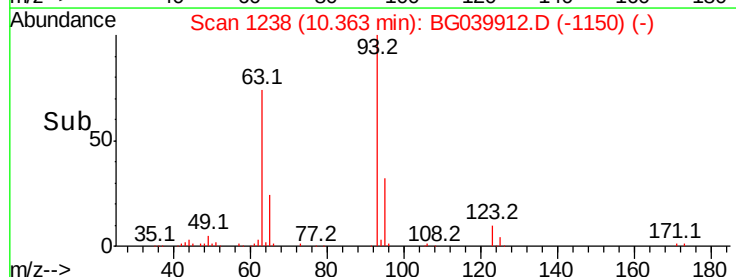
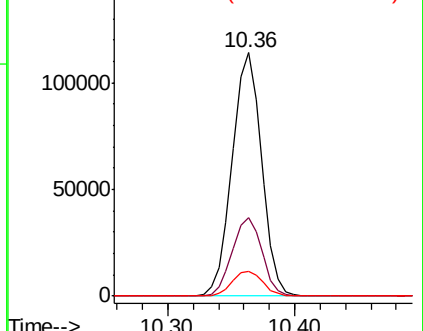
123 10.4 8.6 12.8

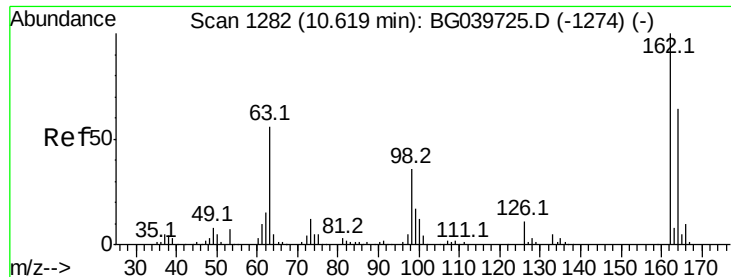


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

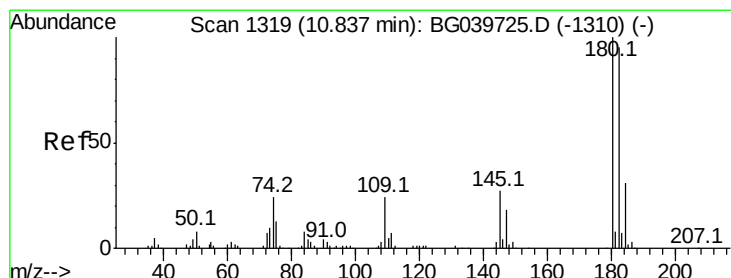
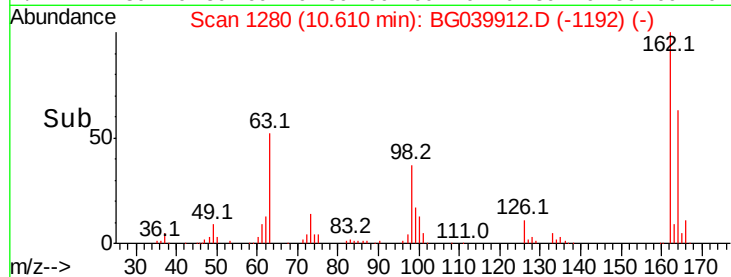
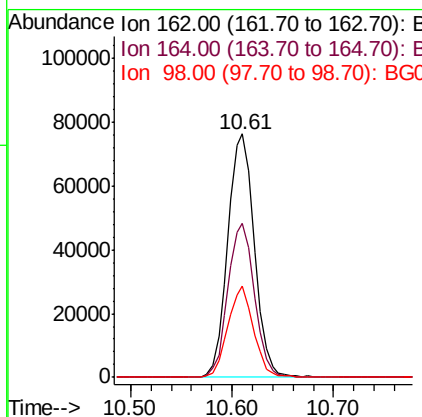
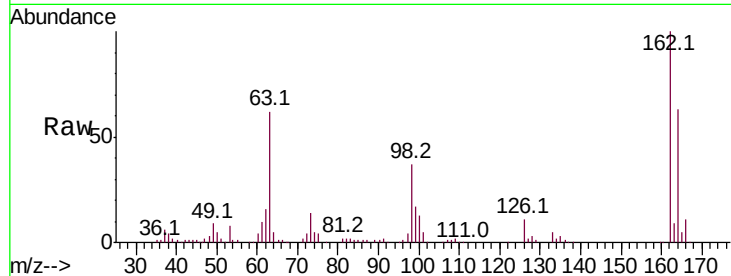




#29  
 2,4-Dichlorophenol  
 Concen: 42.437 ng  
 RT: 10.61 min Scan# 1280  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

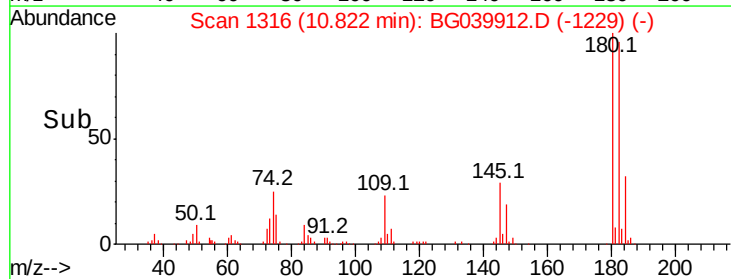
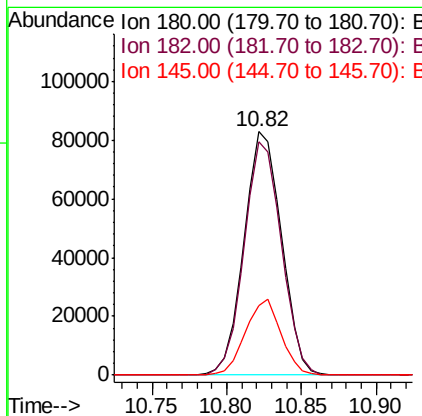
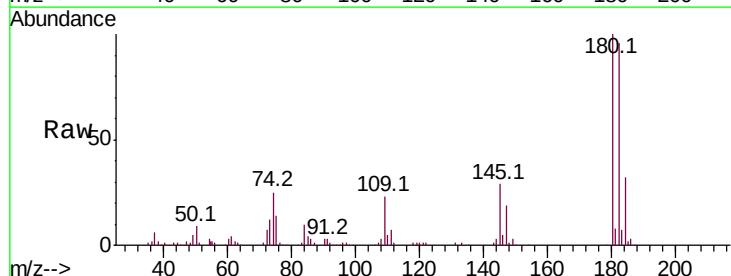
Instrument :  
 BNA\_G  
 ClientSampleId :

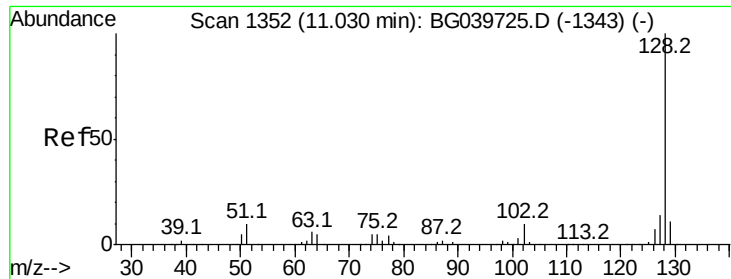
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.3  | 48.1  | 88.1  |
| 98      | 37.5  | 18.1  | 58.1  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 39.095 ng  
 RT: 10.82 min Scan# 1316  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 76.0  | 114.0 |
| 145     | 28.7  | 22.7  | 34.1  |

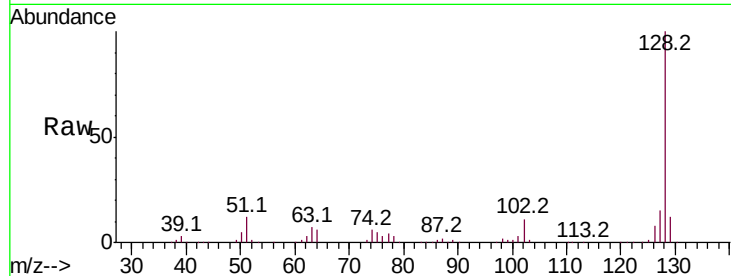




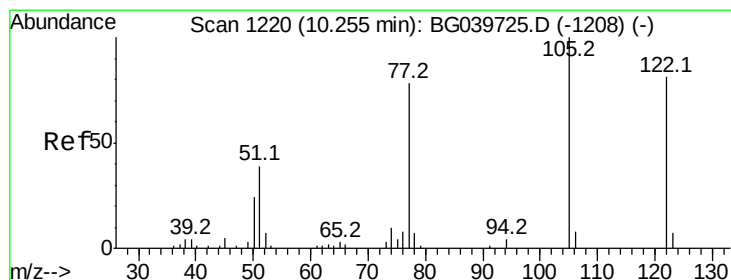
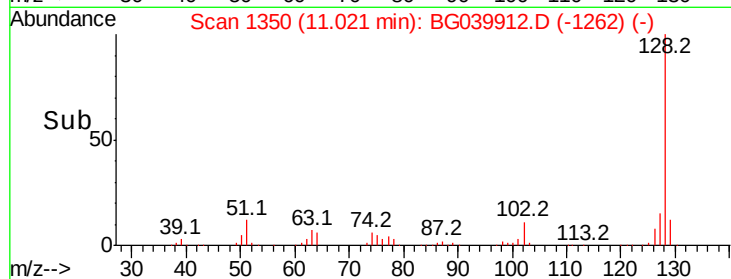
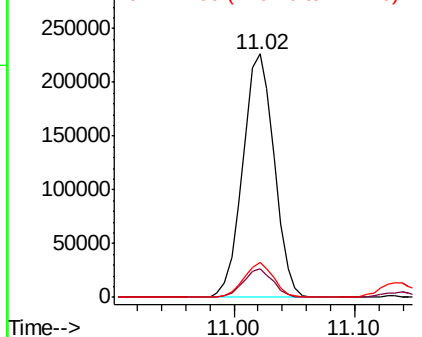
#31  
Naphthalene  
Concen: 39.019 ng  
RT: 11.02 min Scan# 1350  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:128 Resp: 411681  
Ion Ratio Lower Upper  
128 100  
129 11.8 8.7 13.1  
127 14.5 10.8 16.2

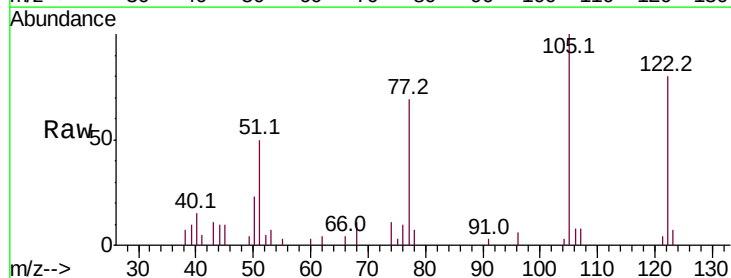


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

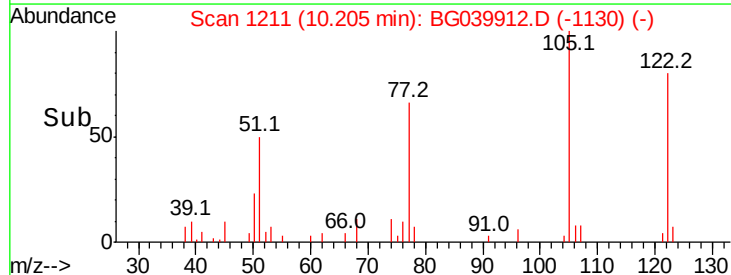
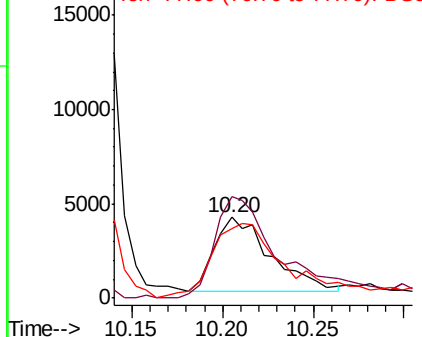


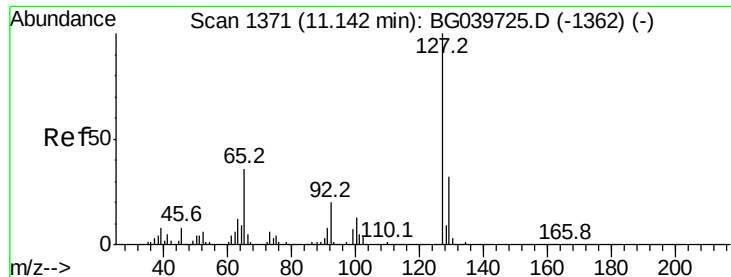
#32  
Benzoic acid  
Concen: 10.275 ng  
RT: 10.20 min Scan# 1211  
Delta R.T. -0.06 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Tgt Ion:122 Resp: 8495  
Ion Ratio Lower Upper  
122 100  
105 124.9 101.8 141.8  
77 85.9 76.3 116.3



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG

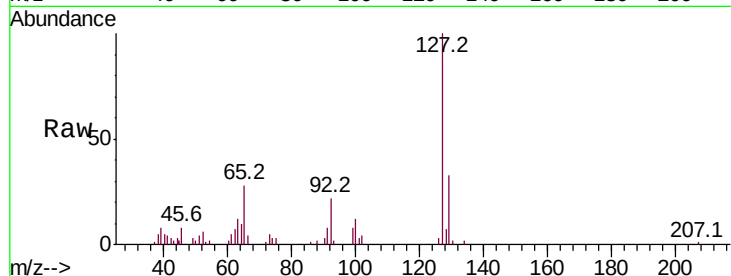




#33  
4-Chloroaniline  
Concen: 6.518 ng  
RT: 11.14 min Scan# 1370  
Delta R.T. -0.01 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Instrument :  
BNA\_G  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 29160 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 33.3  | 27.0  | 40.4  |
| 65       | 28.4  | 28.8  | 43.2# |
| 92       | 21.9  | 16.6  | 25.0  |



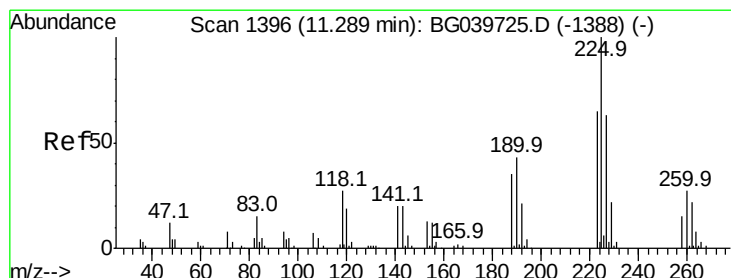
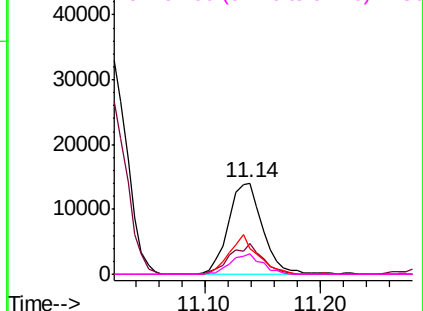
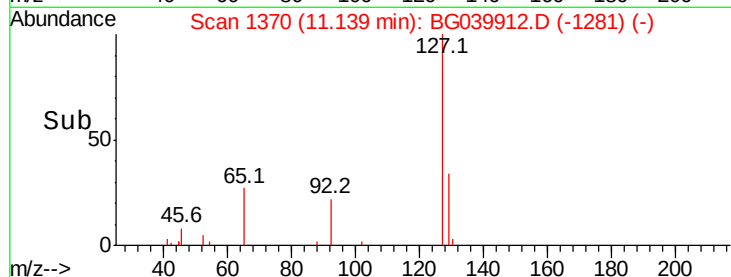
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

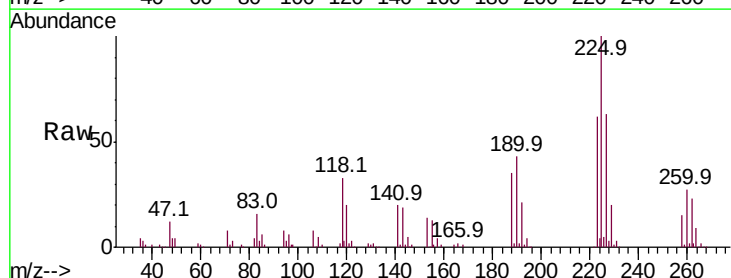
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34  
Hexachlorobutadiene  
Concen: 39.275 ng  
RT: 11.28 min Scan# 1394  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 98694 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.8  | 49.0  | 73.6  |
| 227      | 63.5  | 46.3  | 69.5  |

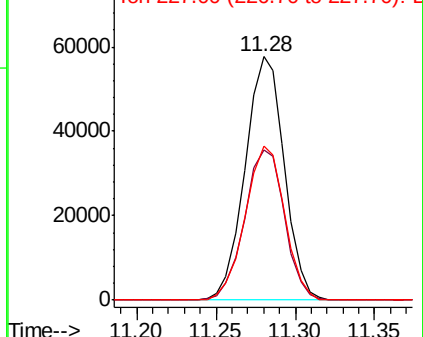
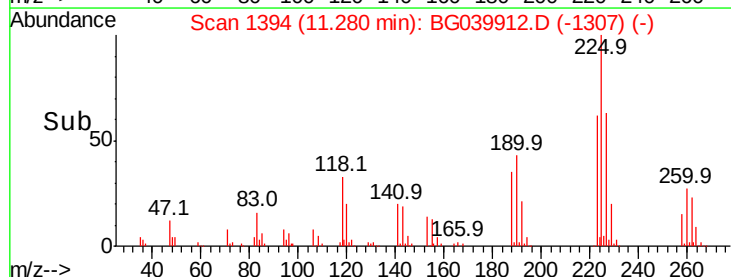


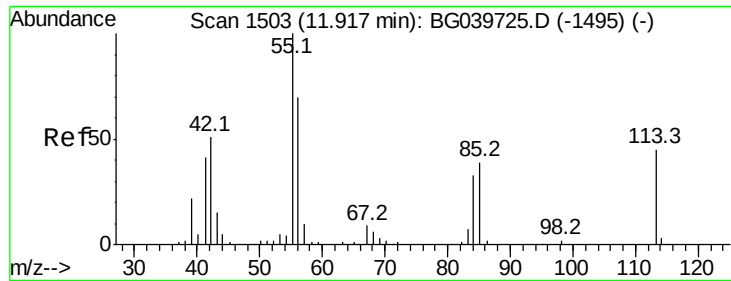
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

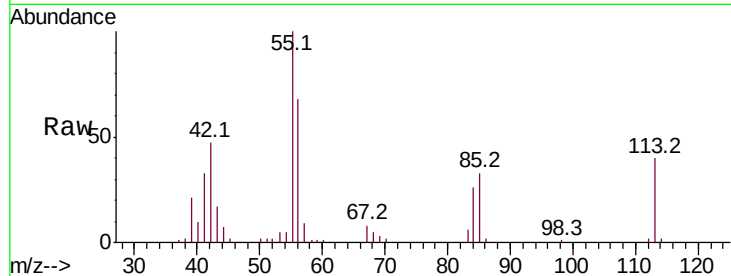




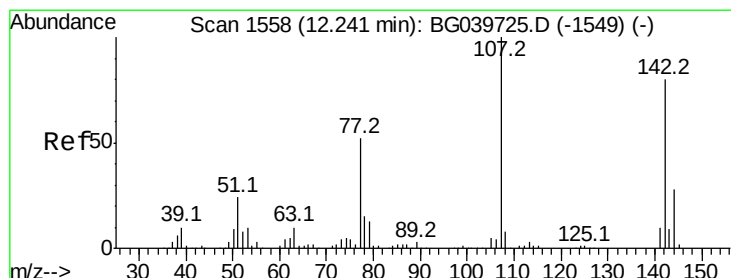
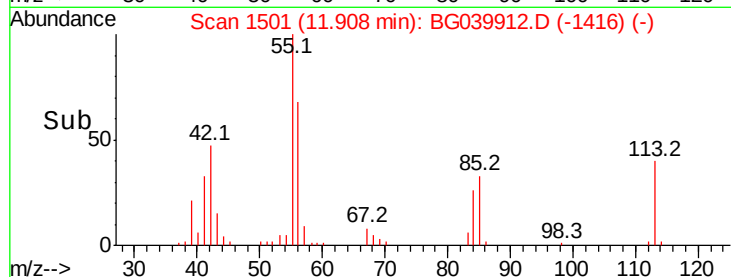
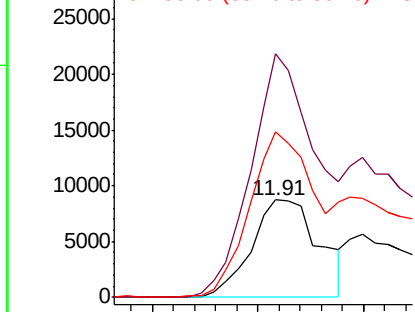
#35  
Caprolactam  
Concen: 15.499 ng  
RT: 11.91 min Scan# 1501  
Delta R.T. -0.03 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:113 Resp: 19348  
Ion Ratio Lower Upper  
113 100  
55 249.8 216.9 256.9  
56 170.4 152.6 192.6

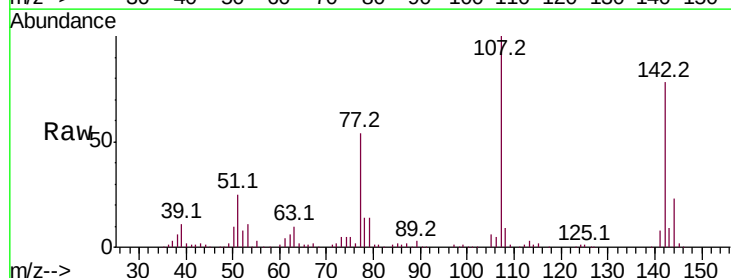


Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BG  
Ion 56.00 (55.70 to 56.70): BG

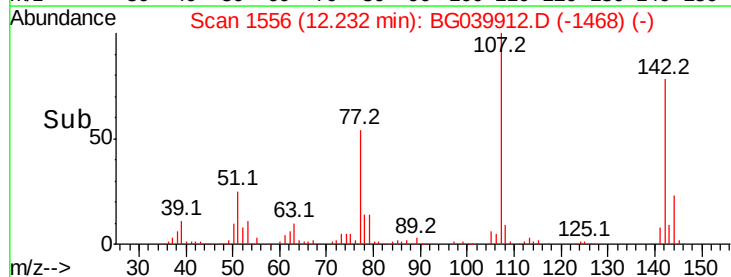
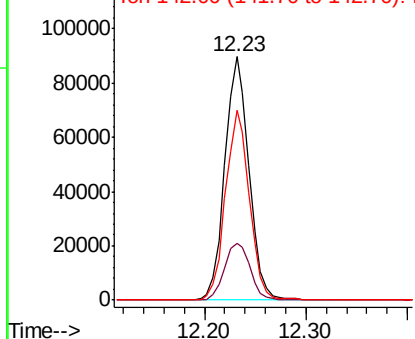


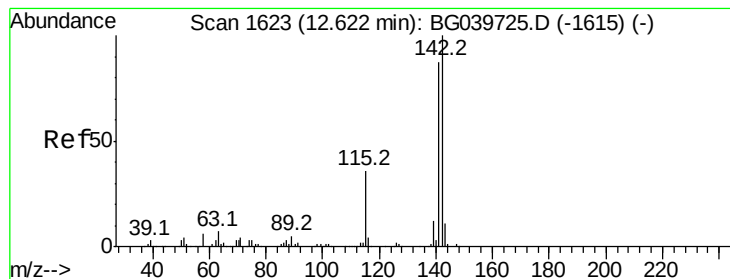
#36  
4-Chloro-3-methylphenol  
Concen: 39.418 ng  
RT: 12.23 min Scan# 1556  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Tgt Ion:107 Resp: 147666  
Ion Ratio Lower Upper  
107 100  
144 23.4 20.2 30.2  
142 78.0 61.4 92.2



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

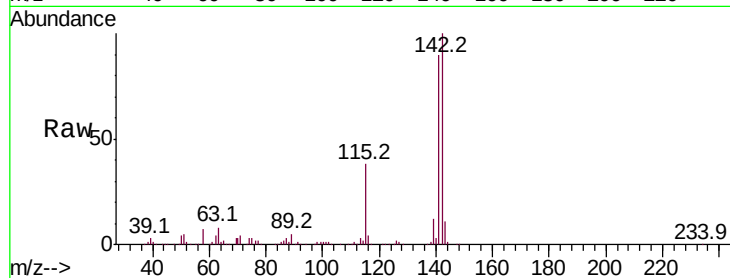




#37  
2-Methylnaphthalene  
Concen: 39.349 ng  
RT: 12.61 min Scan# 1621  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.9  | 73.5  | 110.3 |
| 115     | 38.3  | 30.8  | 46.2  |

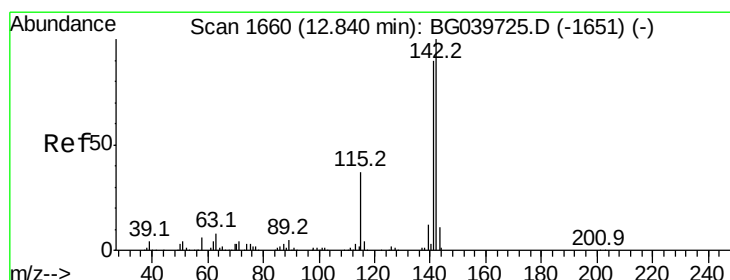
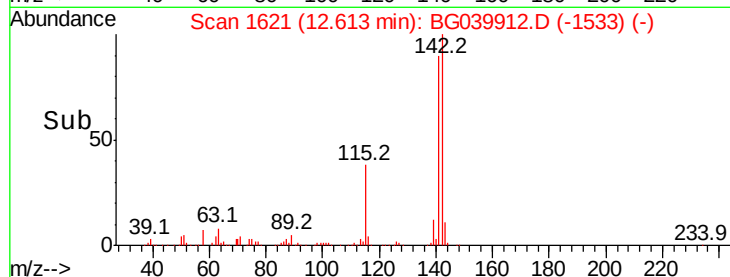
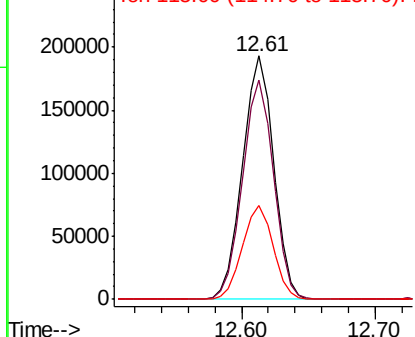


Abundance

Ion 142.00 (141.70 to 142.70): E

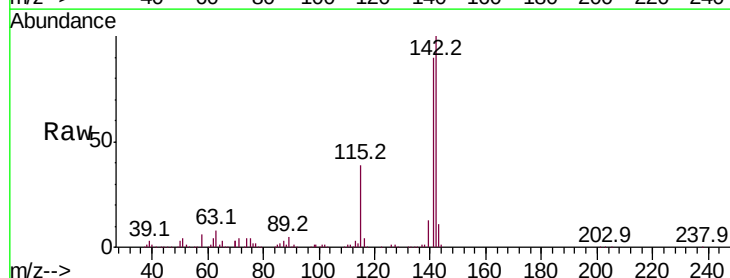
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38  
1-Methylnaphthalene  
Concen: 38.603 ng  
RT: 12.83 min Scan# 1658  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.9  | 74.2  | 111.4 |
| 116     | 4.2   | 3.0   | 4.6   |

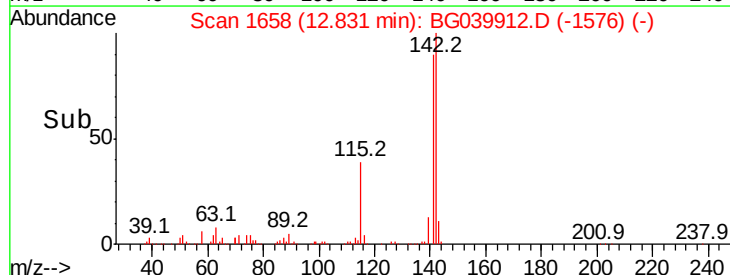
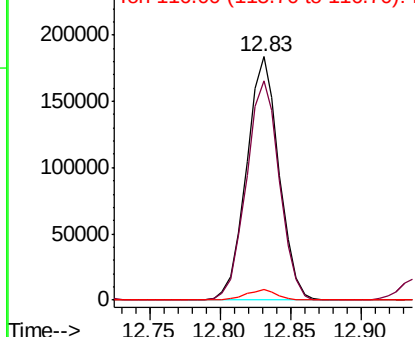


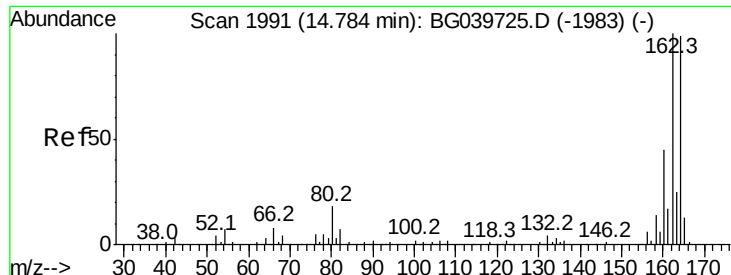
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

Instrument :

BNA\_G

ClientSampleId :

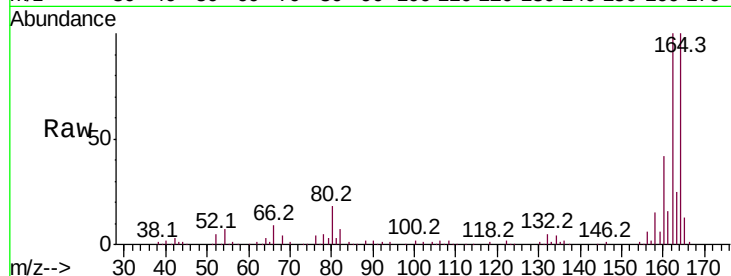
Tot Ion:164 Resp: 125400

Ion Ratio Lower Upper

164 100

162 99.8 81.6 122.4

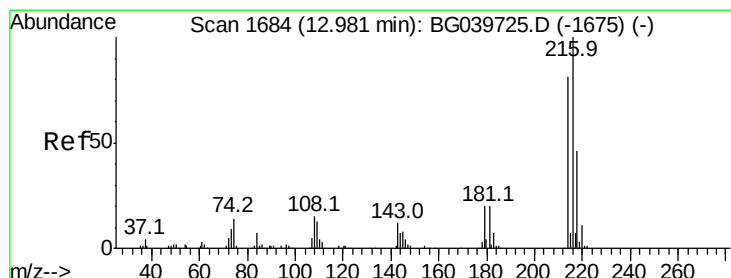
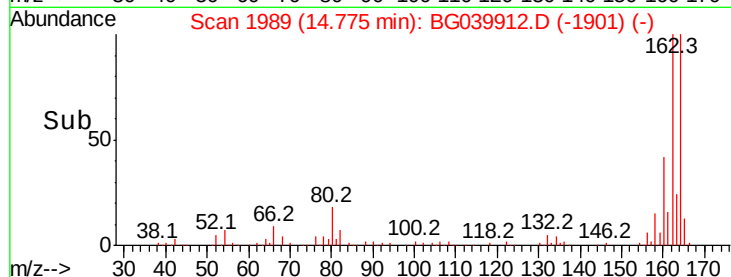
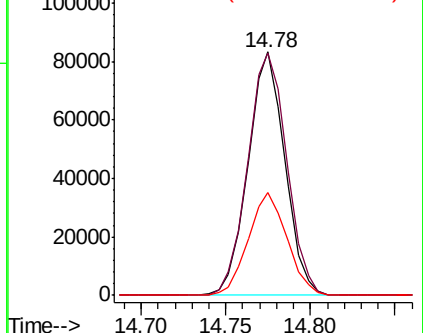
160 42.0 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.624 ng

RT: 12.97 min Scan# 1682

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

Tgt Ion:216 Resp: 172579

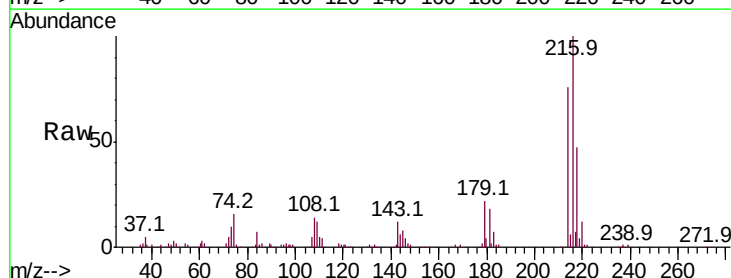
Ion Ratio Lower Upper

216 100

214 78.7 62.6 94.0

179 20.8 16.6 25.0

108 18.3 14.0 21.0

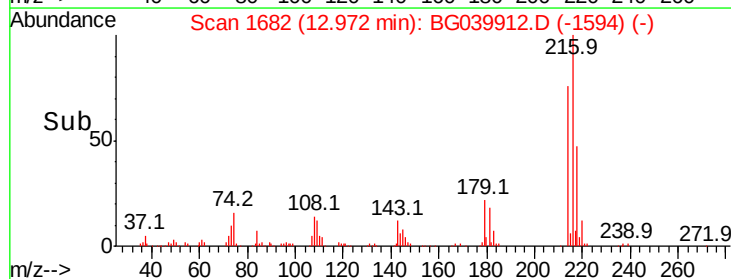
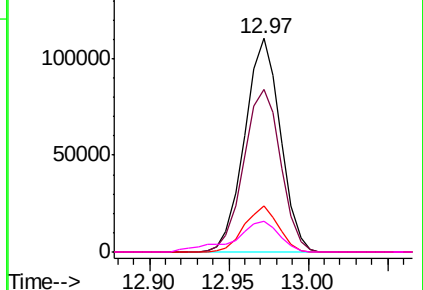


Abundance Ion 216.00 (215.70 to 216.70): E

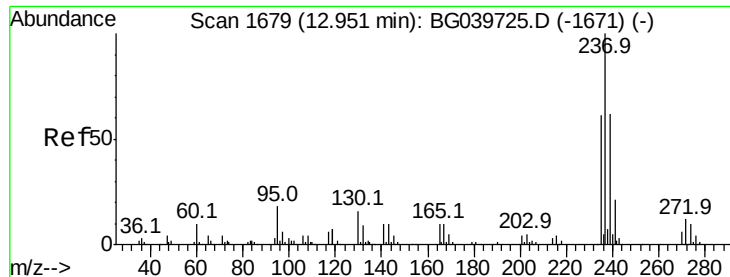
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 92.764 ng

RT: 12.94 min Scan# 1676

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

Instrument :

BNA\_G

ClientSampleId :

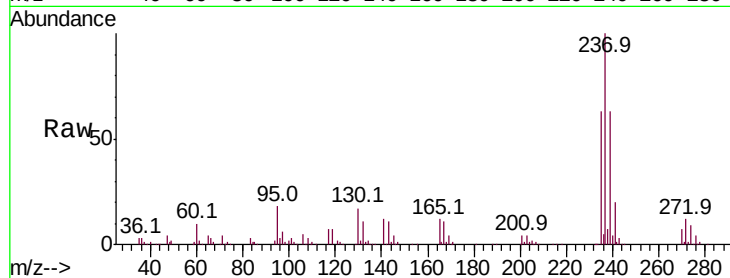
Tot Ion:237 Resp: 211192

Ion Ratio Lower Upper

237 100

235 63.0 43.3 83.3

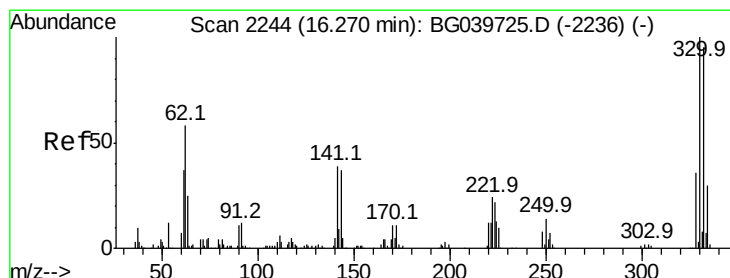
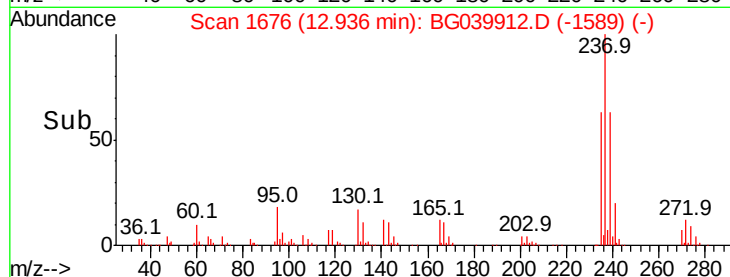
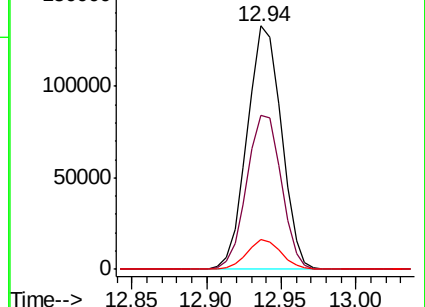
272 12.0 0.0 32.3



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 130.251 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

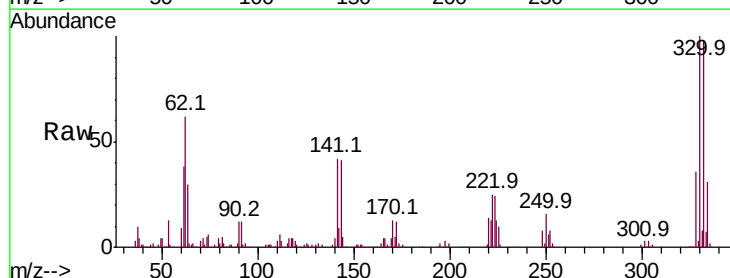
Tgt Ion:330 Resp: 190378

Ion Ratio Lower Upper

330 100

332 97.2 75.7 113.5

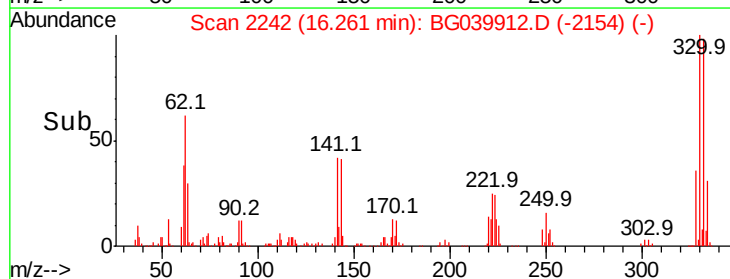
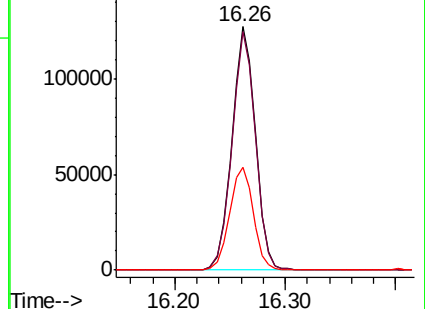
141 42.6 35.6 53.4

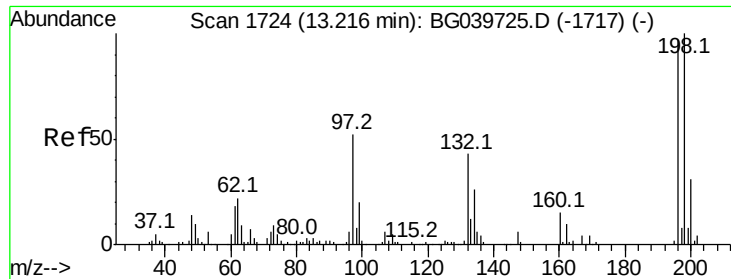


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



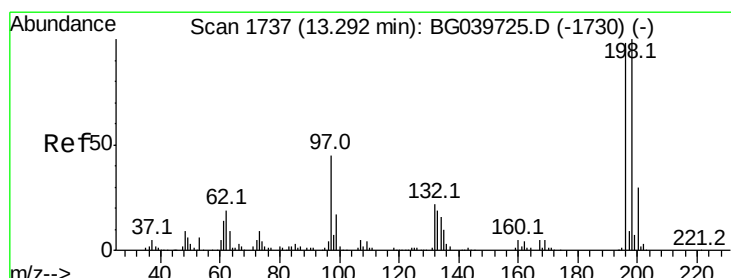
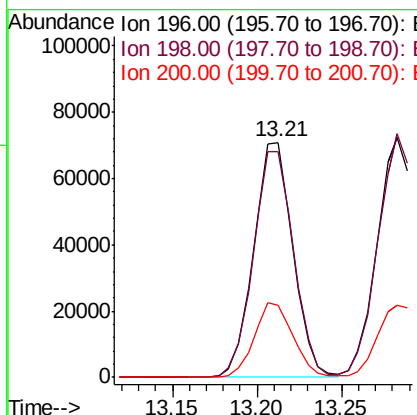
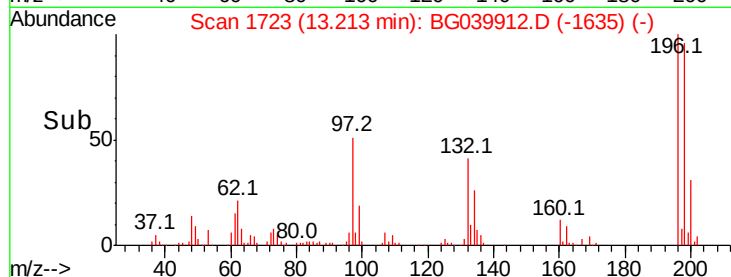
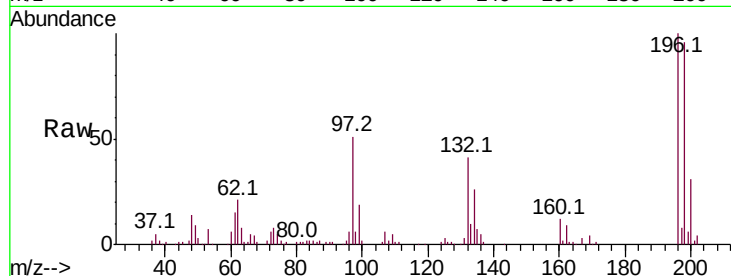


#43  
 2,4,6-Trichlorophenol  
 Concen: 45.822 ng  
 RT: 13.21 min Scan# 1723  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:196 Resp: 113966  

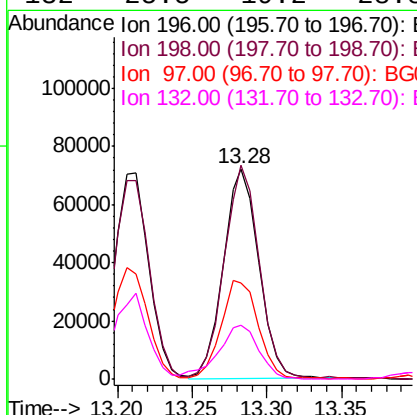
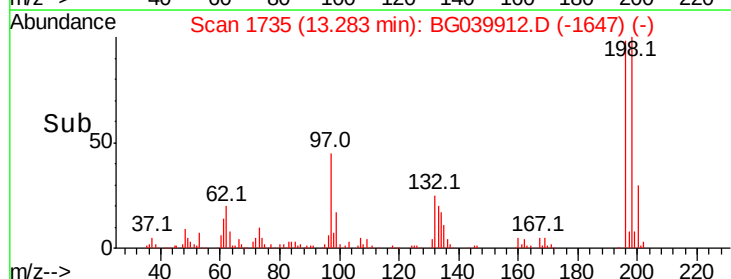
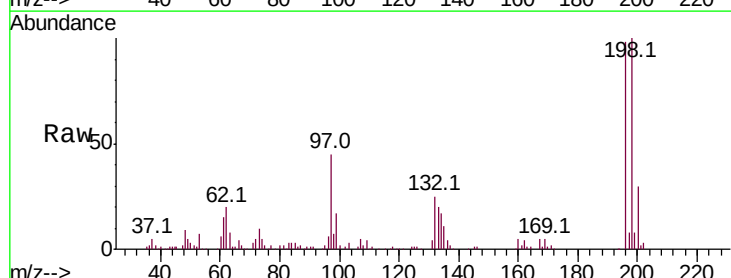
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100   |       |       |
| 198 | 96.4  | 80.6  | 121.0 |
| 200 | 30.9  | 26.1  | 39.1  |

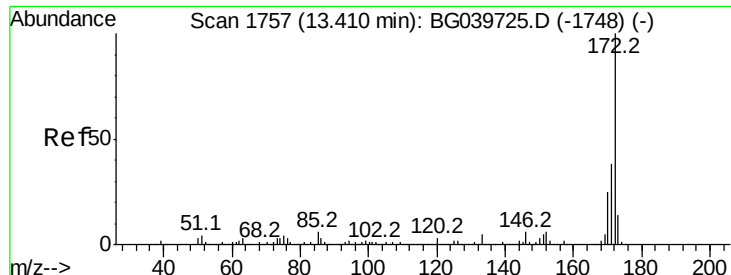


#44  
 2,4,5-Trichlorophenol  
 Concen: 42.793 ng  
 RT: 13.28 min Scan# 1735  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

Tgt Ion:196 Resp: 119969  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 196 | 100   |       |       |
| 198 | 101.7 | 78.5  | 117.7 |
| 97  | 45.7  | 38.4  | 57.6  |
| 132 | 25.5  | 19.2  | 28.8  |

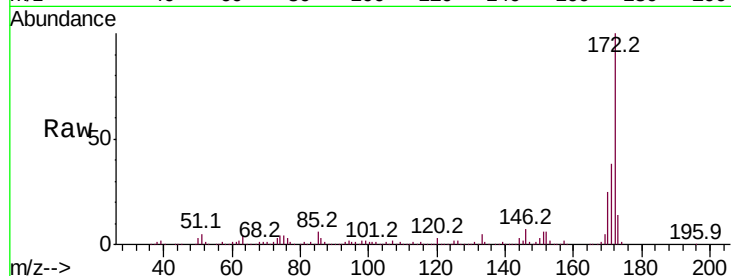




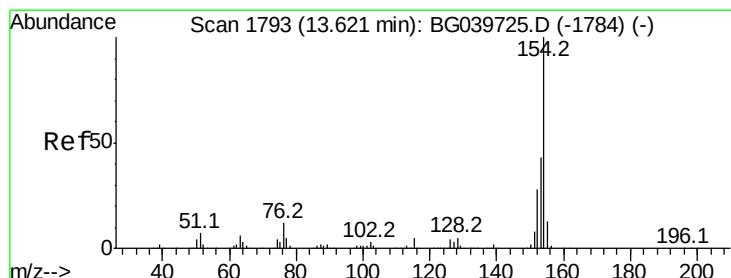
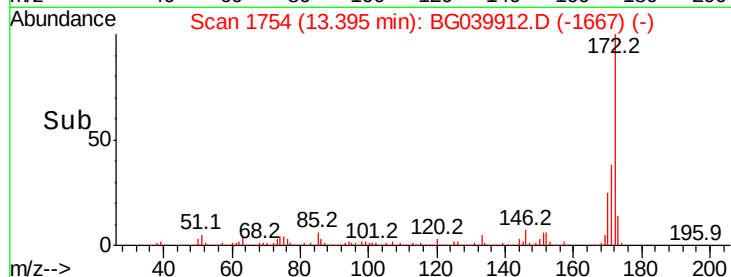
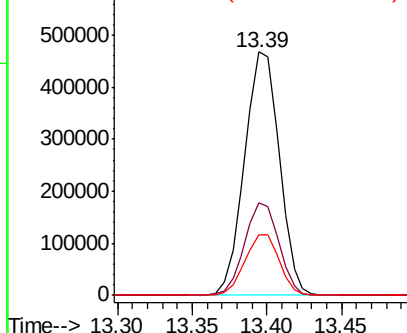
#45  
2-Fluorobiphenyl  
Concen: 85.649 ng  
RT: 13.39 min Scan# 1754  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:172 Resp: 754334  
Ion Ratio Lower Upper  
172 100  
171 38.1 30.8 46.2  
170 24.7 20.2 30.4

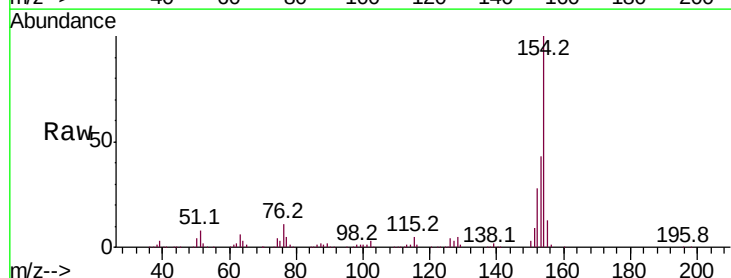


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

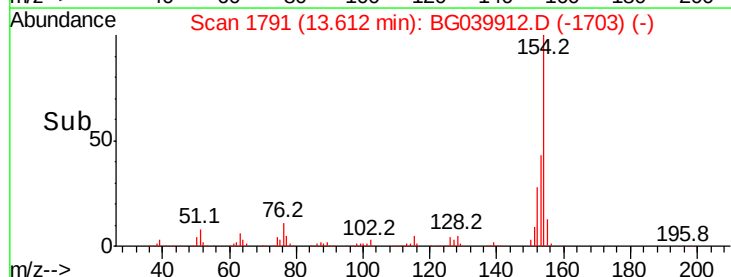
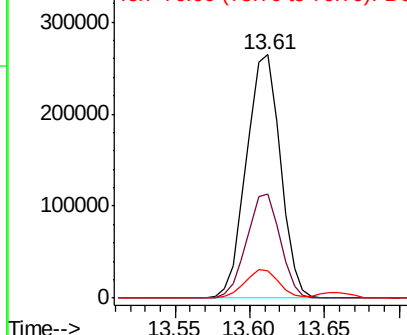


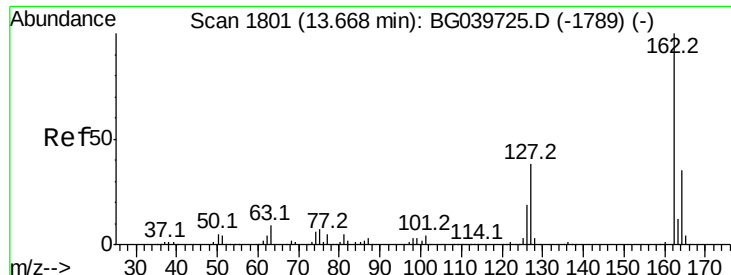
#46  
1,1'-Biphenyl  
Concen: 40.315 ng  
RT: 13.61 min Scan# 1791  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Tgt Ion:154 Resp: 415804  
Ion Ratio Lower Upper  
154 100  
153 42.9 22.1 62.1  
76 11.2 0.0 32.4



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): BGC

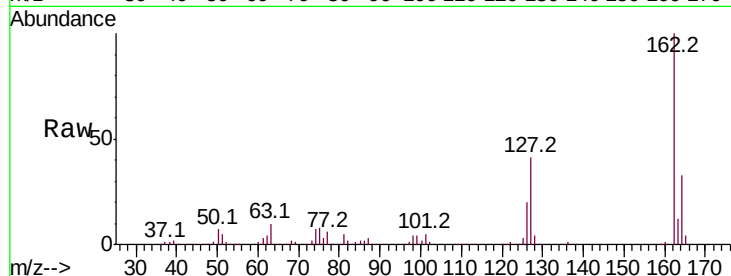




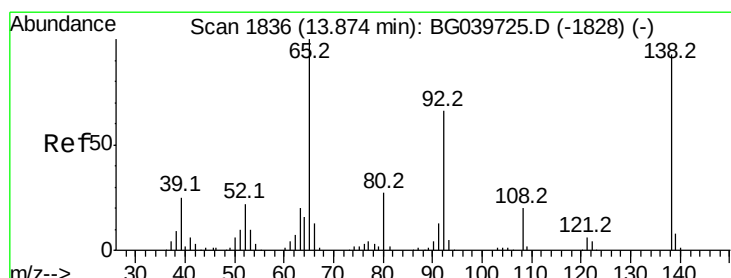
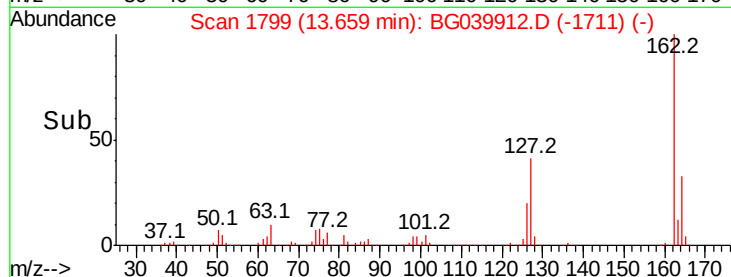
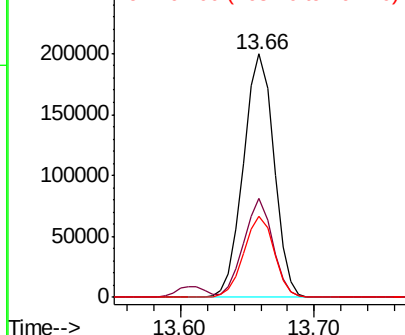
#47  
 2-Chloronaphthalene  
 Concen: 40.590 ng  
 RT: 13.66 min Scan# 1799  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:162 Resp: 314947  
 Ion Ratio Lower Upper  
 162 100  
 127 40.8 31.0 46.6  
 164 33.4 25.7 38.5

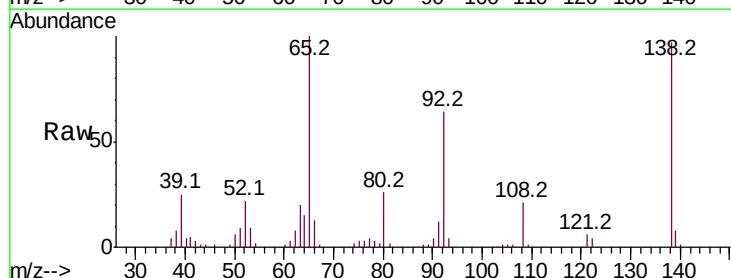


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

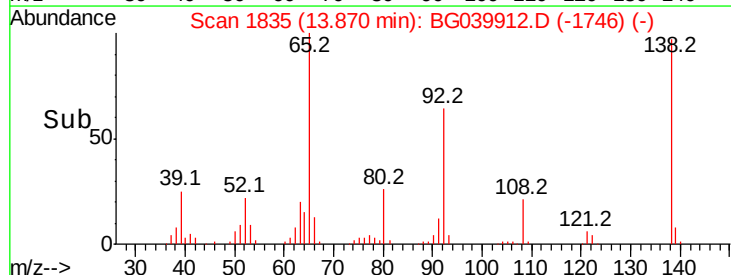
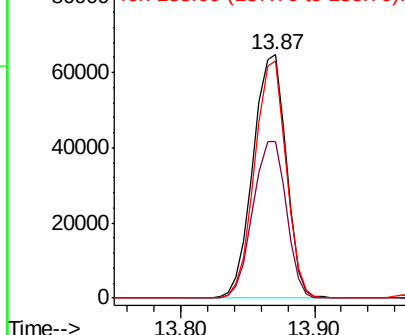


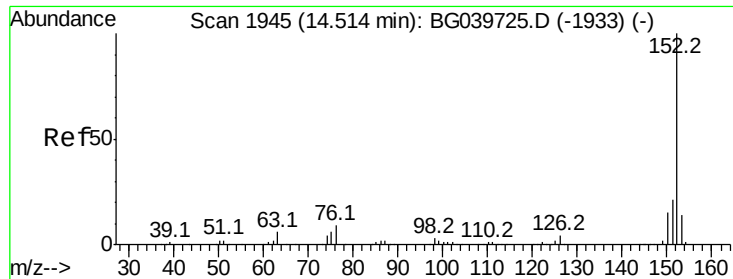
#48  
 2-Nitroaniline  
 Concen: 44.476 ng  
 RT: 13.87 min Scan# 1835  
 Delta R.T. -0.01 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

Tgt Ion: 65 Resp: 110902  
 Ion Ratio Lower Upper  
 65 100  
 92 64.2 51.4 77.2  
 138 97.4 71.4 107.2



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





#49

Acenaphthylene

Concen: 39.563 ng

RT: 14.50 min Scan# 1943

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

Instrument :

BNA\_G

ClientSampleId :

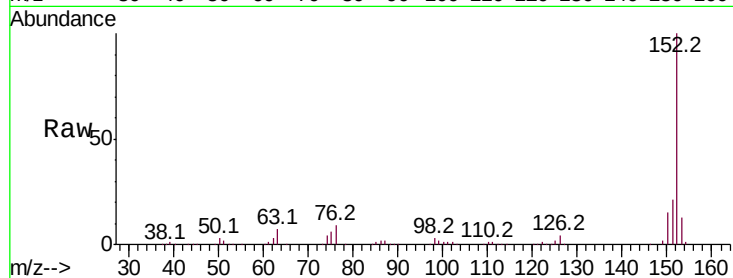
Tot Ion:152 Resp: 503936

Ion Ratio Lower Upper

152 100

151 20.5 16.8 25.2

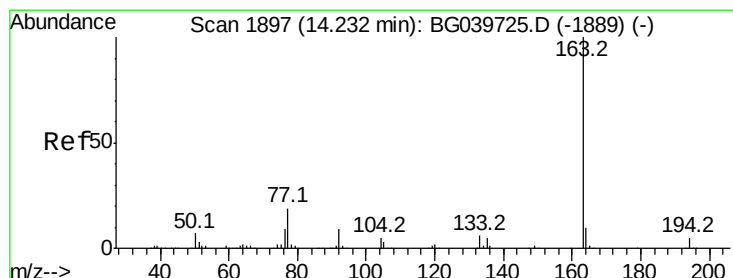
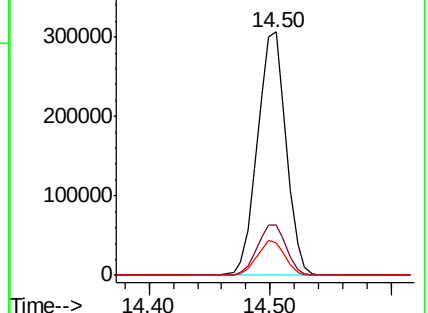
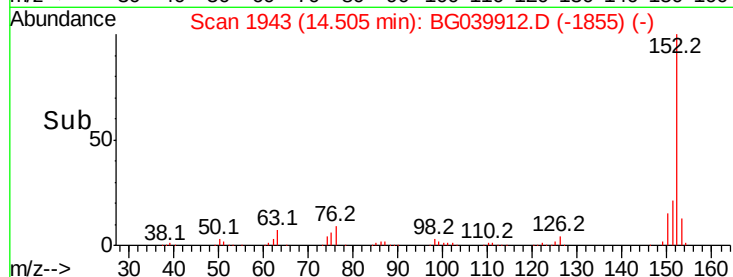
153 13.4 11.7 17.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.744 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

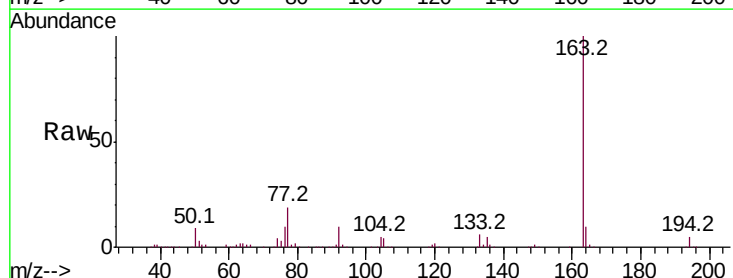
Tgt Ion:163 Resp: 427230

Ion Ratio Lower Upper

163 100

194 4.5 3.6 5.4

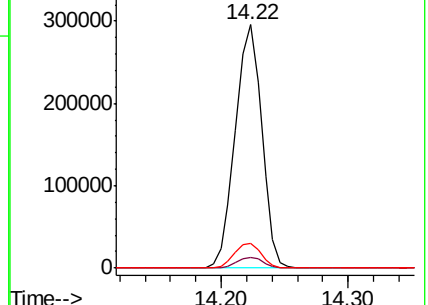
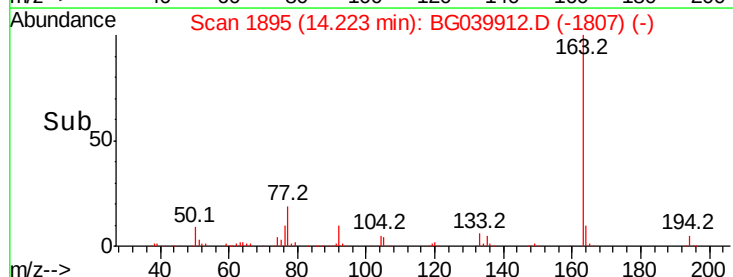
164 10.0 8.4 12.6

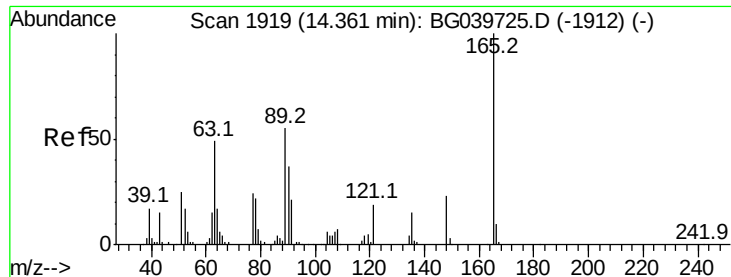


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

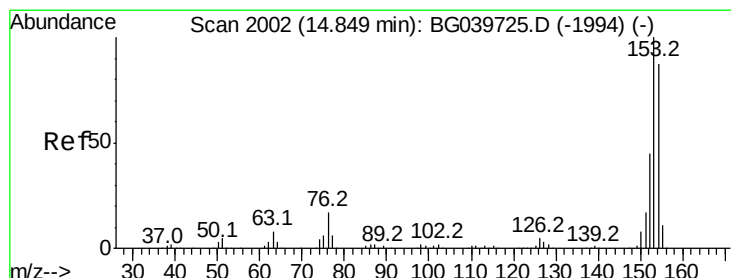
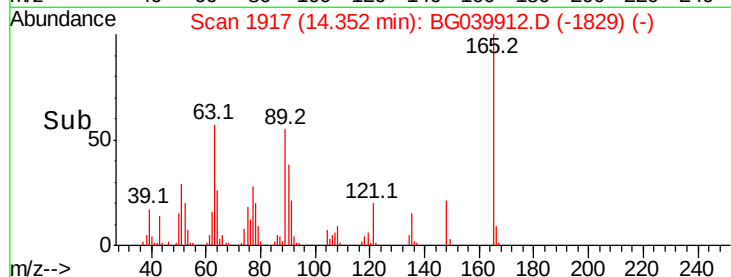
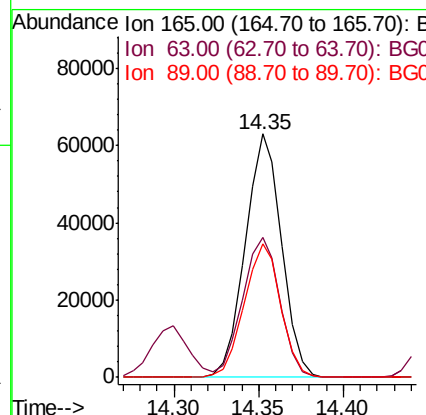
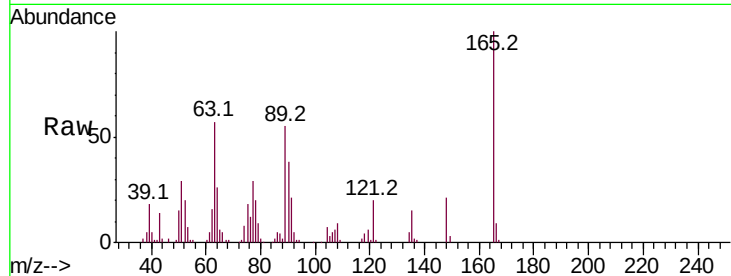




#51  
 2,6-Dinitrotoluene  
 Concen: 42.129 ng  
 RT: 14.35 min Scan# 1917  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

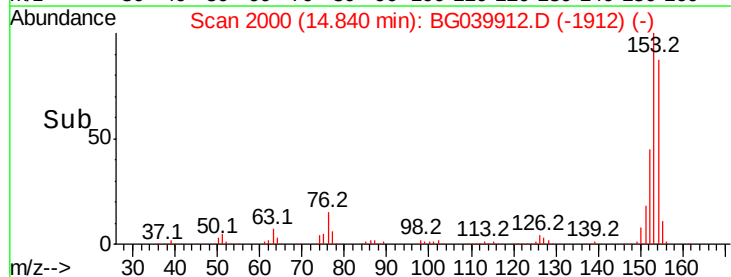
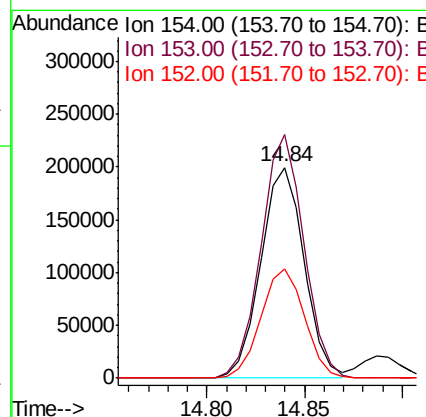
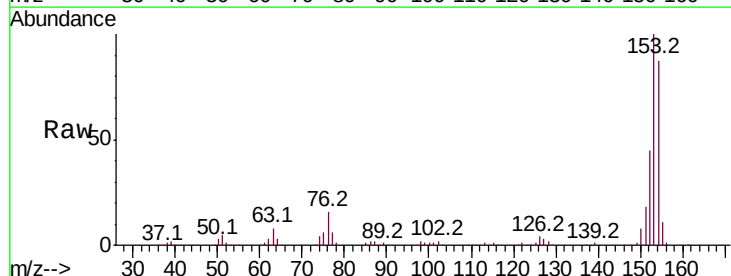
Instrument :  
 BNA\_G  
 ClientSampled :

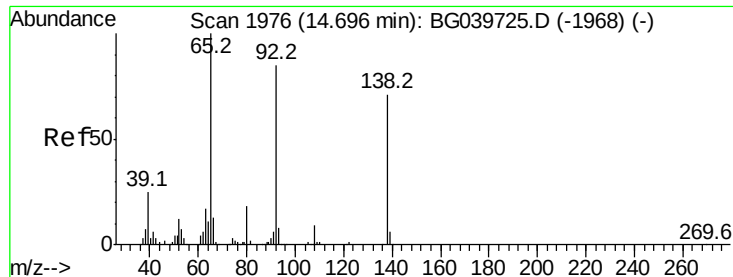
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 57.2  | 47.0  | 70.6  |
| 89      | 54.8  | 45.8  | 68.8  |



#52  
 Acenaphthene  
 Concen: 40.123 ng  
 RT: 14.84 min Scan# 2000  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 115.5 | 90.1  | 135.1 |
| 152     | 52.0  | 40.9  | 61.3  |

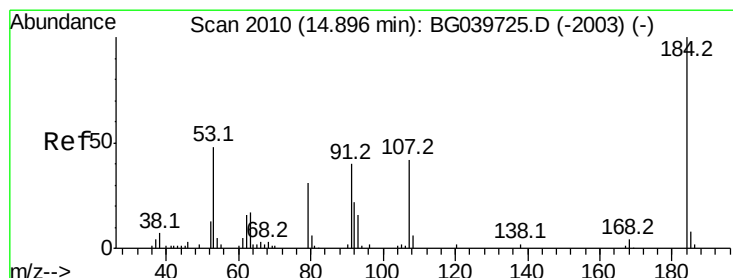
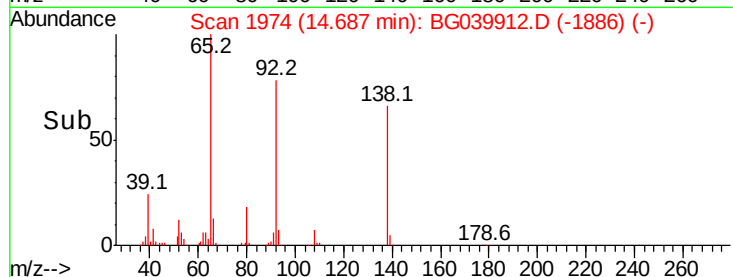
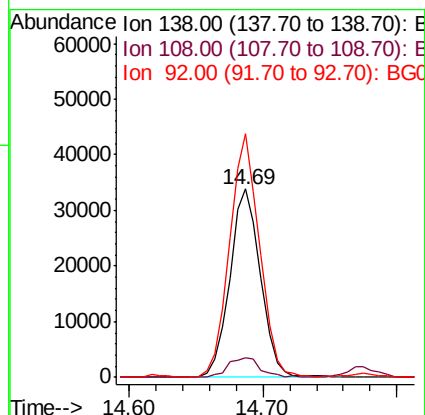
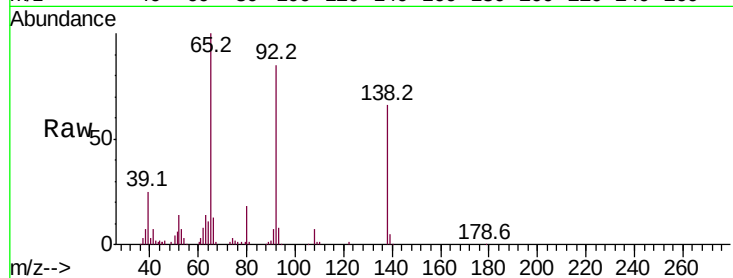




#53  
3-Nitroaniline  
Concen: 24.167 ng  
RT: 14.69 min Scan# 1974  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

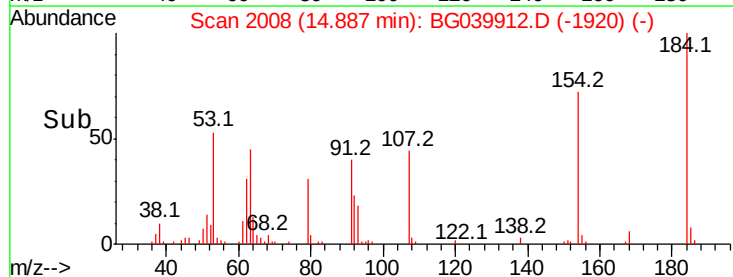
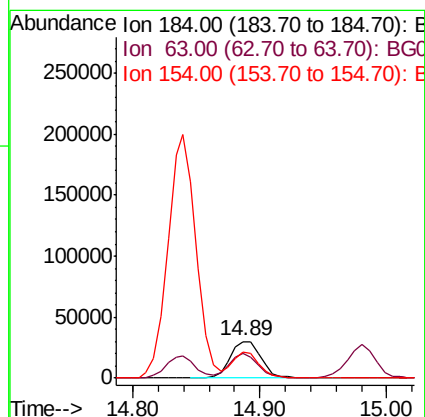
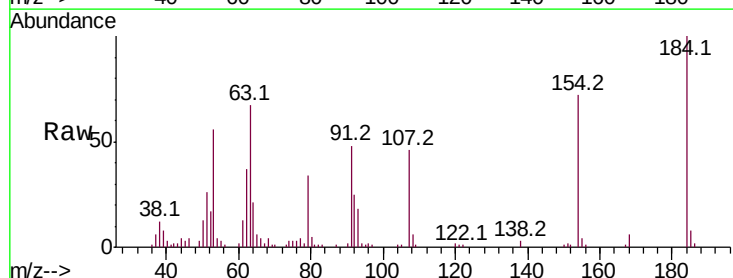
Instrument :  
BNA\_G  
ClientSampleId :

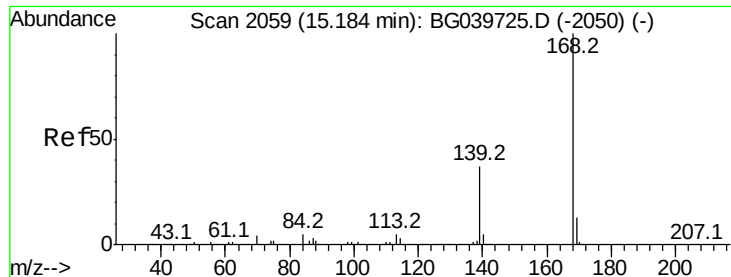
Tot Ion:138 Resp: 54002  
Ion Ratio Lower Upper  
138 100  
108 10.5 13.8 20.8#  
92 129.3 103.7 155.5



#54  
2,4-Dinitrophenol  
Concen: 39.390 ng  
RT: 14.89 min Scan# 2008  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Tgt Ion:184 Resp: 51216  
Ion Ratio Lower Upper  
184 100  
63 67.0 50.9 76.3  
154 71.6 53.0 79.6

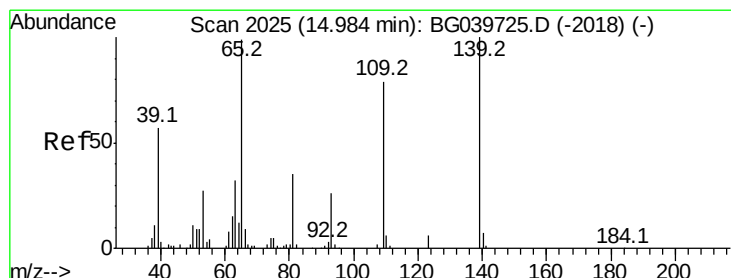
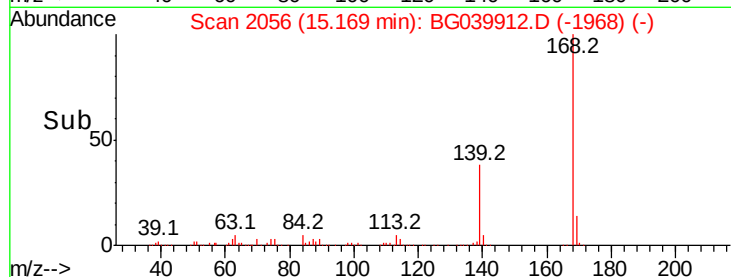
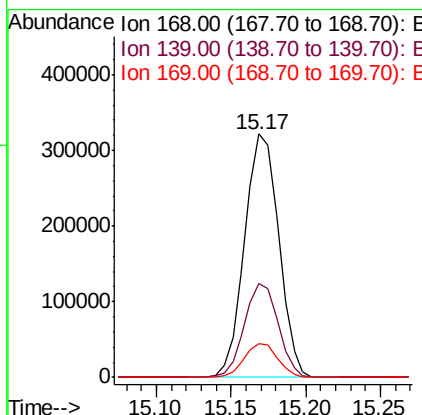
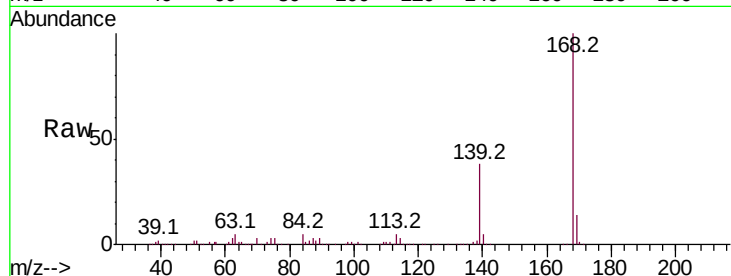




#55  
Dibenzenofuran  
Concen: 40.519 ng  
RT: 15.17 min Scan# 2056  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

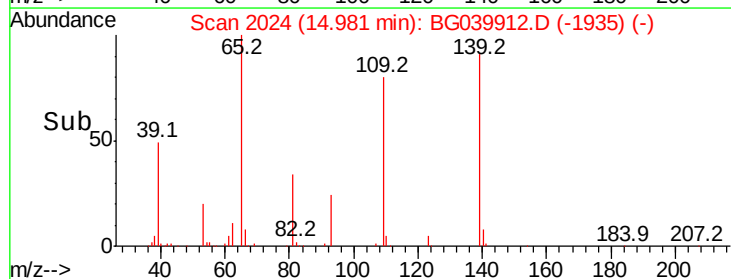
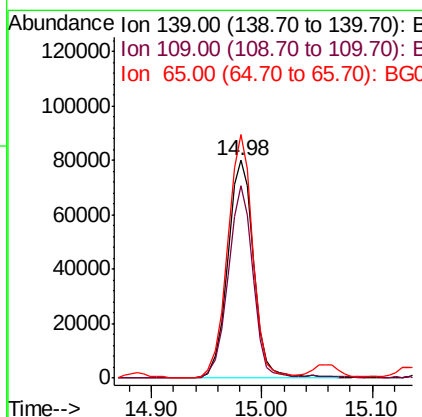
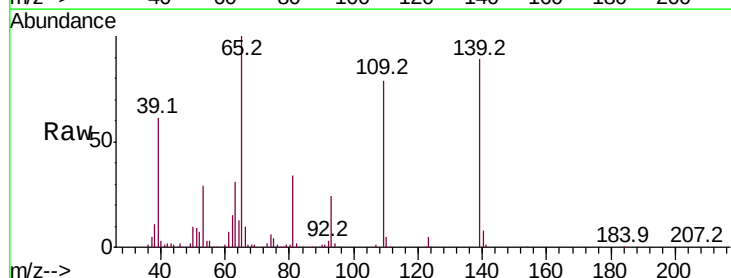
Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 168     | 100   |       |       |
| 139     | 38.5  | 30.1  | 45.1  |
| 169     | 13.8  | 10.6  | 16.0  |

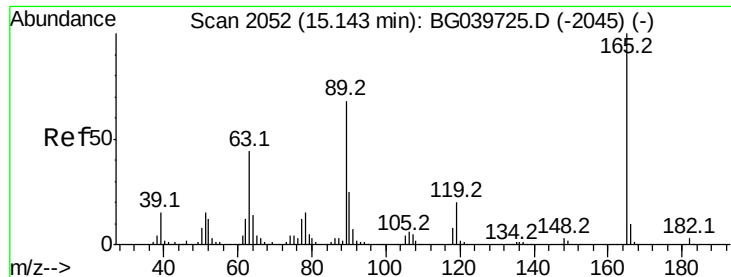


#56  
4-Nitrophenol  
Concen: 66.189 ng  
RT: 14.98 min Scan# 2024  
Delta R.T. -0.01 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 139     | 100   |       |       |
| 109     | 88.2  | 61.9  | 101.9 |
| 65      | 111.9 | 99.1  | 139.1 |



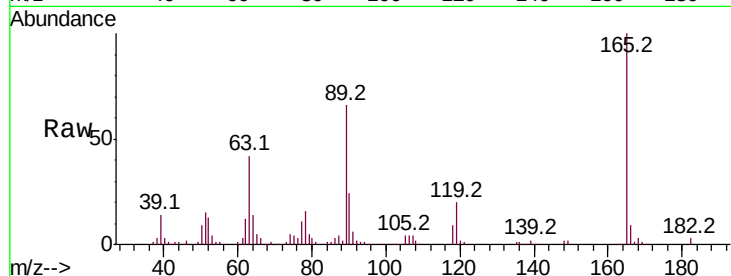




#57  
2,4-Dinitrotoluene  
Concen: 42.635 ng  
RT: 15.14 min Scan# 2051  
Delta R.T. -0.01 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 42.4  | 41.0  | 61.6  |
| 89      | 65.5  | 64.6  | 96.8  |
| 182     | 2.7   | 2.0   | 3.0   |



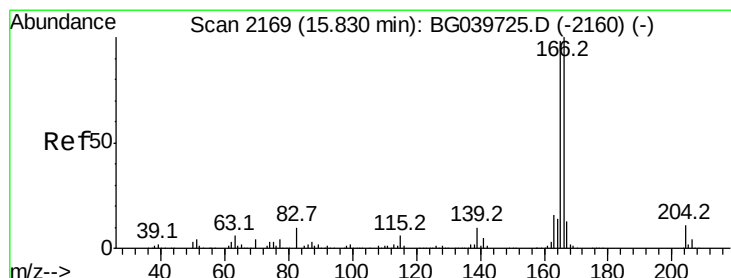
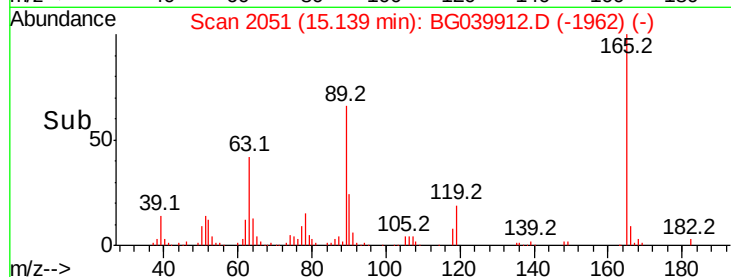
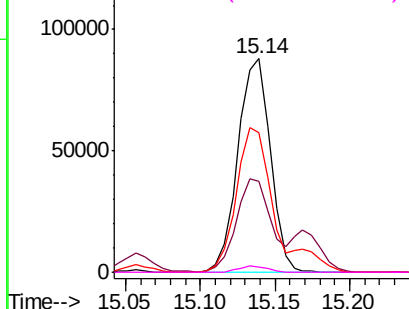
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

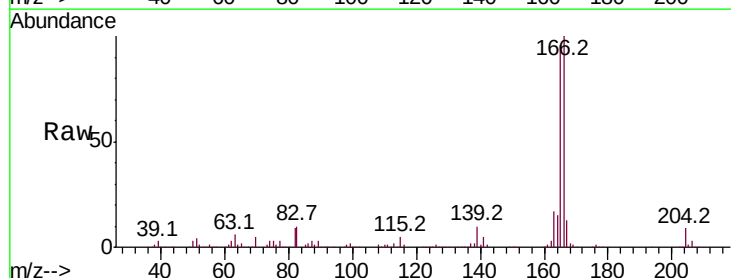
Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 39.964 ng  
RT: 15.82 min Scan# 2167  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 95.9  | 77.9  | 116.9 |
| 167     | 13.3  | 10.8  | 16.2  |

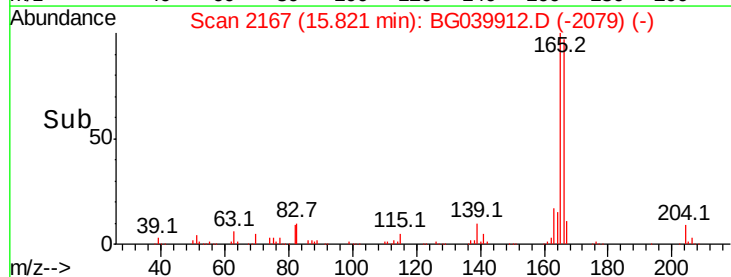
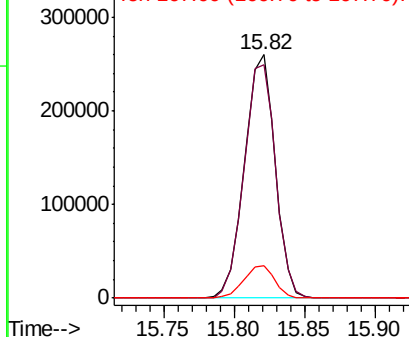


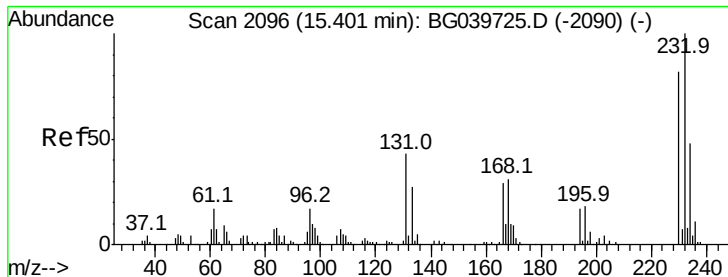
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

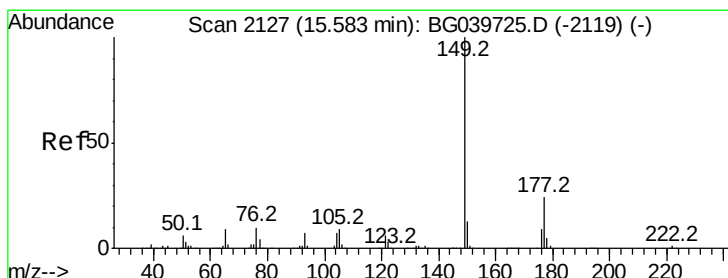
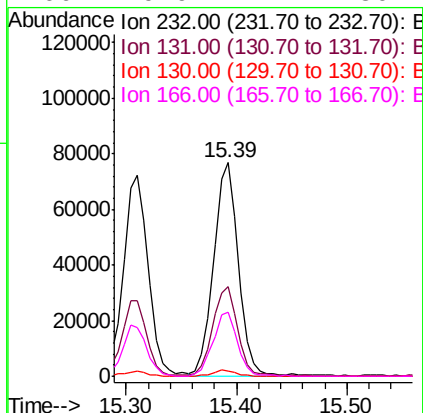
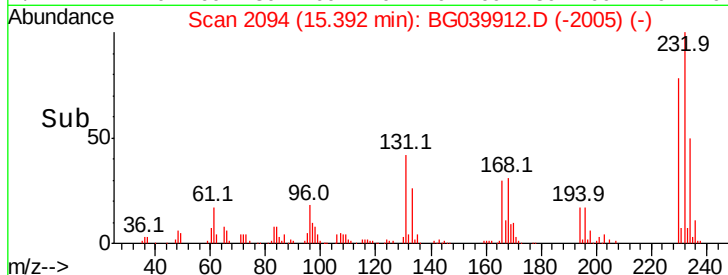
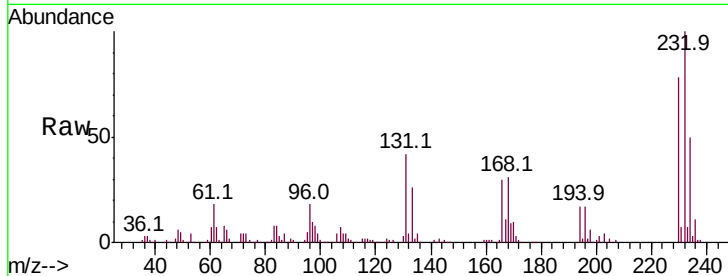




#59  
2,3,4,6-Tetrachlorophenol  
Concen: 43.135 ng  
RT: 15.39 min Scan# 2094  
Delta R.T. -0.01 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

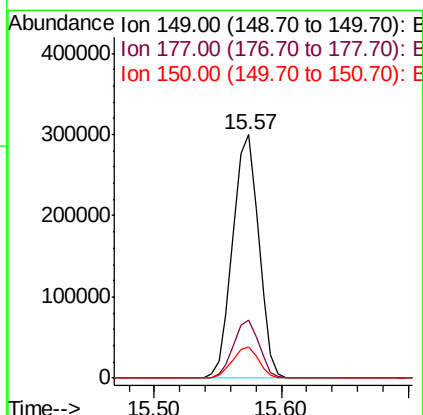
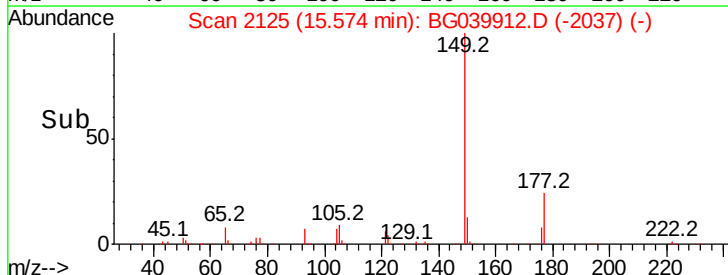
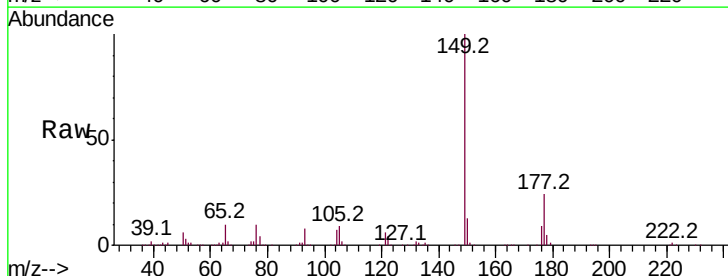
Instrument :  
BNA\_G  
ClientSampleId :

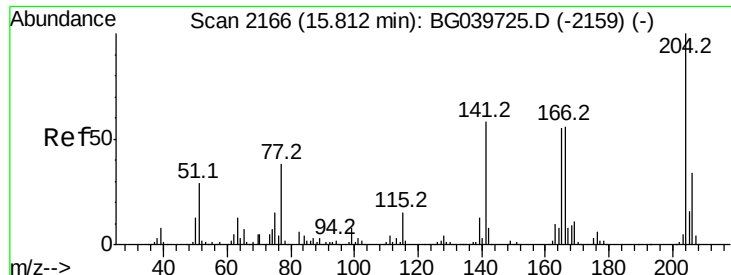
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 118101 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 41.6  | 34.9  | 52.3   |
| 130      | 2.6   | 2.0   | 3.0    |
| 166      | 29.9  | 24.1  | 36.1   |



#60  
Diethylphthalate  
Concen: 40.947 ng  
RT: 15.57 min Scan# 2125  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 425041 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.6  | 18.3  | 27.5   |
| 150      | 12.9  | 10.2  | 15.2   |

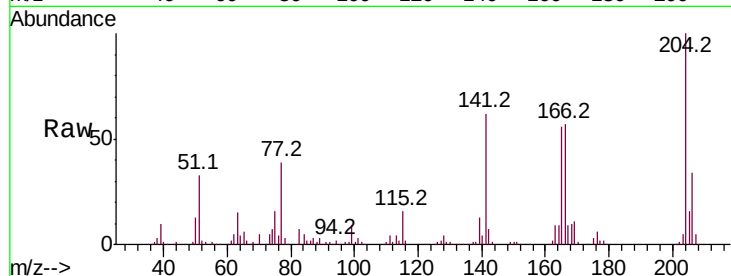




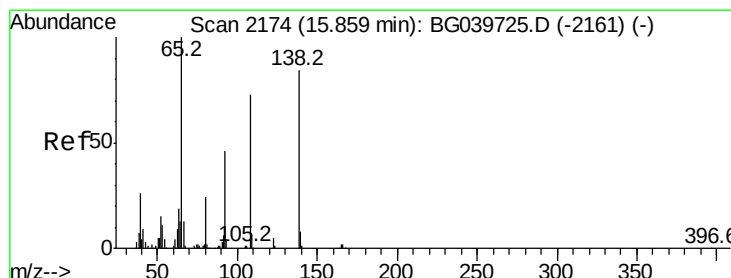
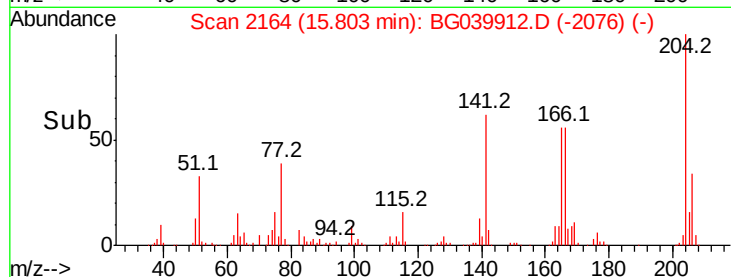
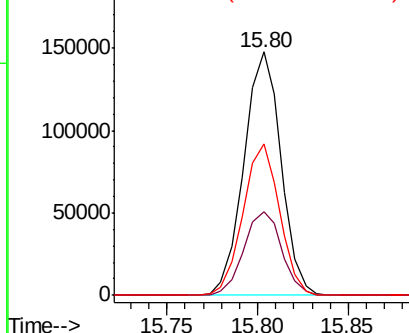
#61  
4-Chlorophenyl-phenylether  
Concen: 39.858 ng  
RT: 15.80 min Scan# 2164  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:204 Resp: 210311  
Ion Ratio Lower Upper  
204 100  
206 34.1 29.2 43.8  
141 62.1 49.0 73.4

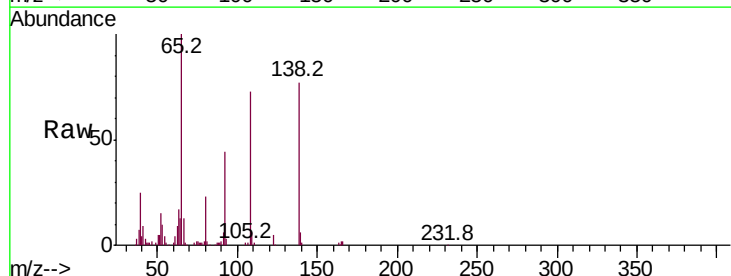


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

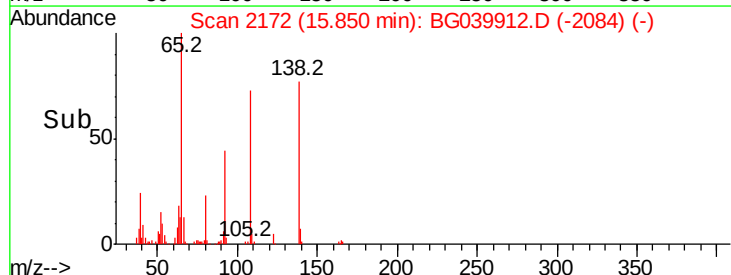
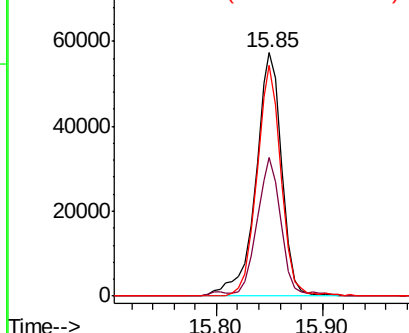


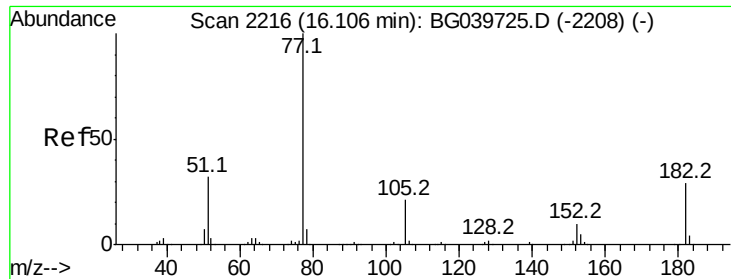
#62  
4-Nitroaniline  
Concen: 40.510 ng  
RT: 15.85 min Scan# 2172  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Tgt Ion:138 Resp: 98136  
Ion Ratio Lower Upper  
138 100  
92 57.0 38.7 78.7  
108 94.8 74.6 114.6



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





#63

Azobenzene

Concen: 41.215 ng

RT: 16.10 min Scan# 2214

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

Instrument :

BNA\_G

ClientSampleId :

Tot Ion: 77 Resp: 387810

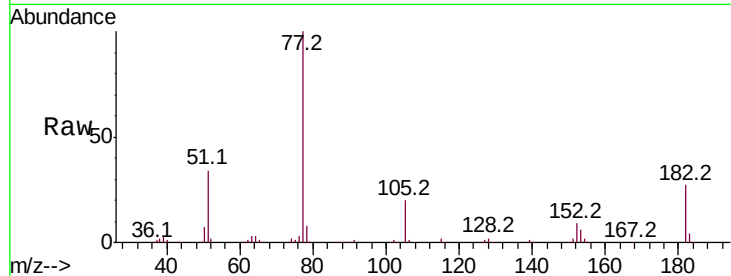
Ion Ratio Lower Upper

77 100

182 26.9 6.4 46.4

105 19.9 0.0 39.8

51 33.7 14.1 54.1

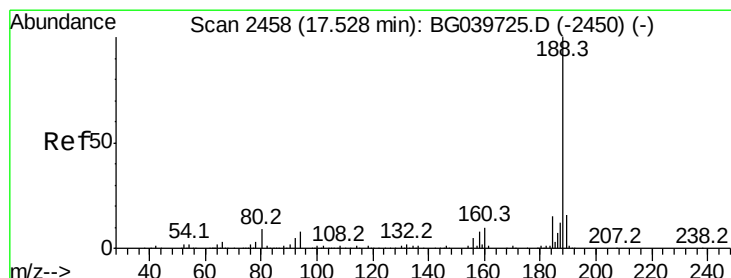
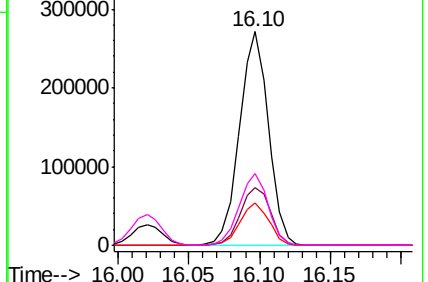
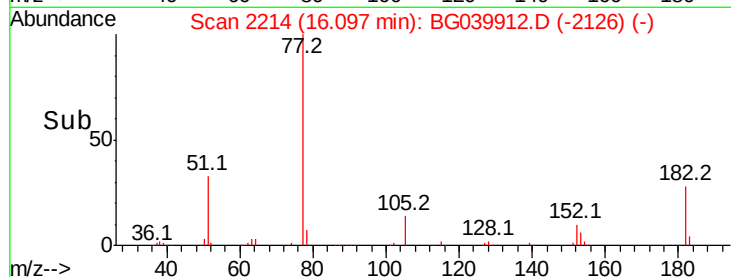


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

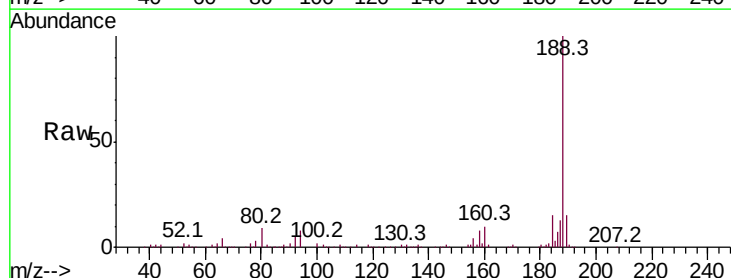
Tgt Ion: 188 Resp: 293436

Ion Ratio Lower Upper

188 100

94 7.7 6.9 10.3

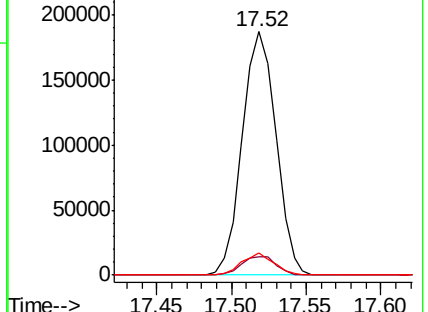
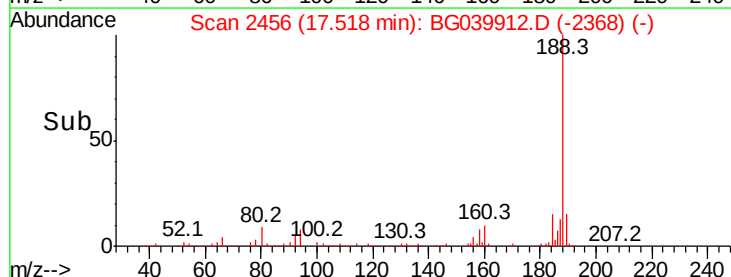
80 9.0 8.1 12.1

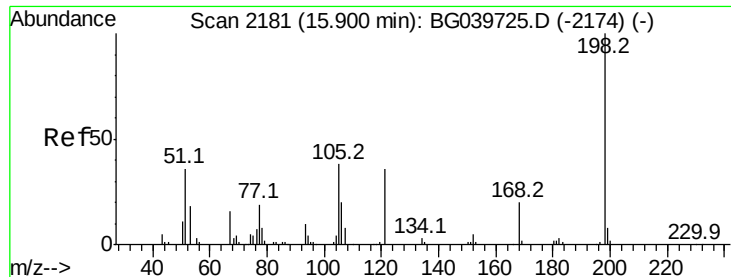


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

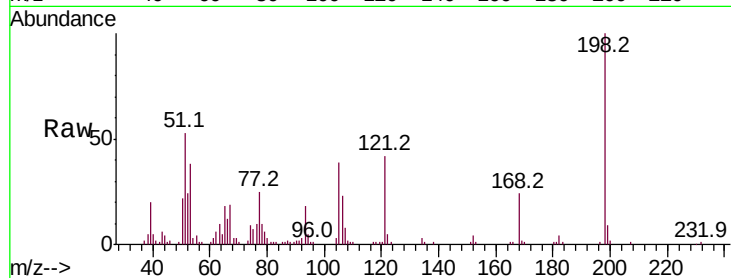




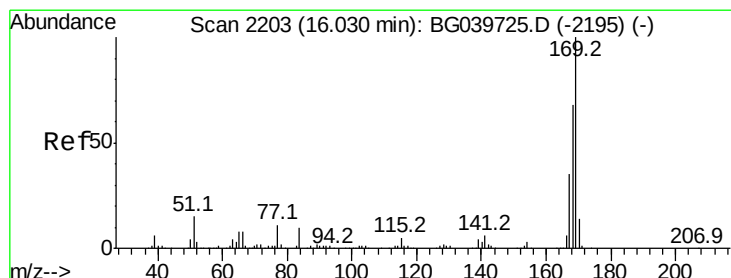
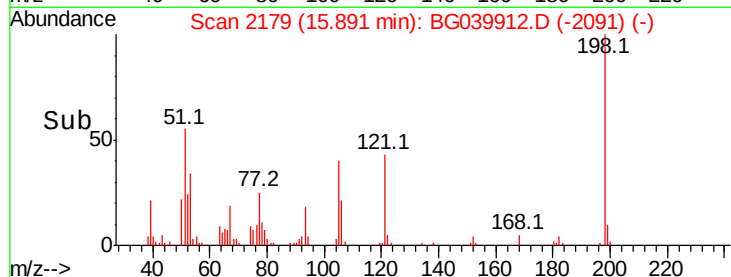
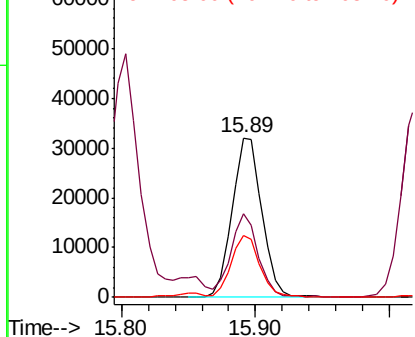
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 28.577 ng  
 RT: 15.89 min Scan# 2179  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:198 Resp: 49581  
 Ion Ratio Lower Upper  
 198 100  
 51 52.7 27.4 67.4  
 105 38.8 19.7 59.7

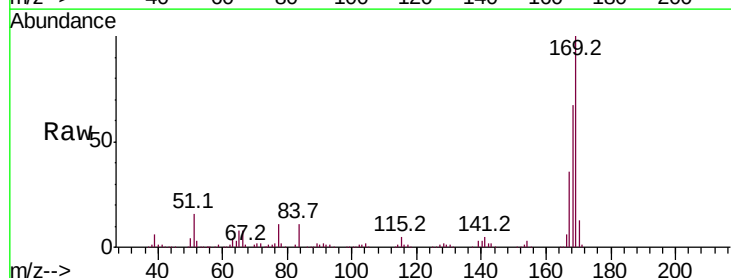


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

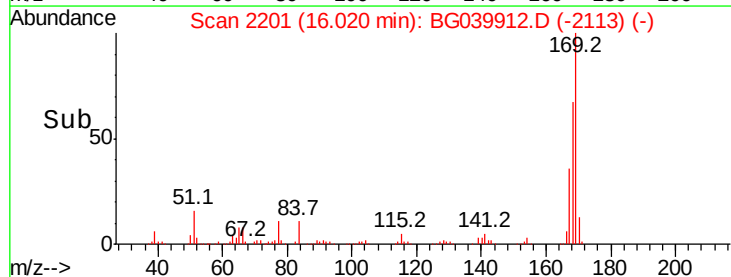
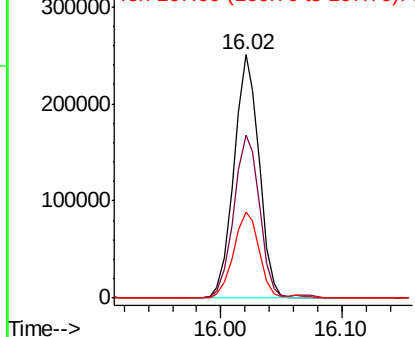


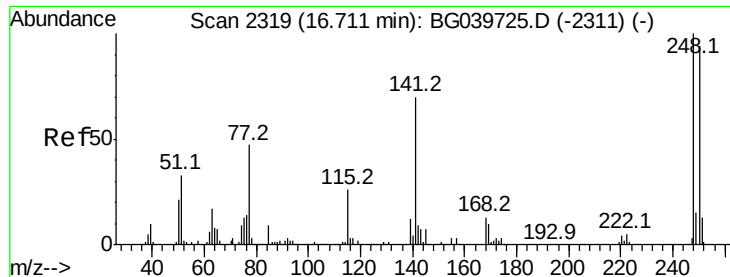
#66  
 n-Nitrosodiphenylamine  
 Concen: 42.656 ng  
 RT: 16.02 min Scan# 2201  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

Tgt Ion:169 Resp: 362368  
 Ion Ratio Lower Upper  
 169 100  
 168 67.2 56.6 85.0  
 167 35.5 28.8 43.2



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

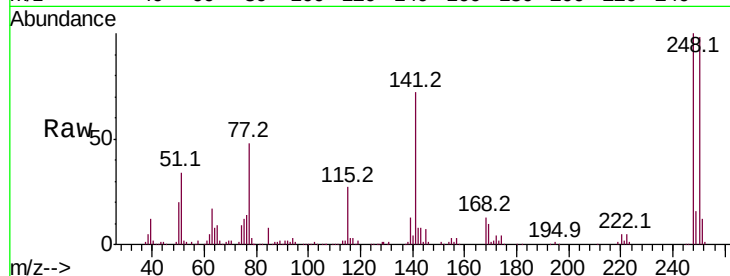




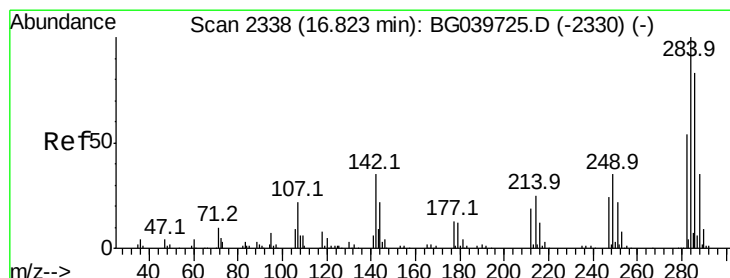
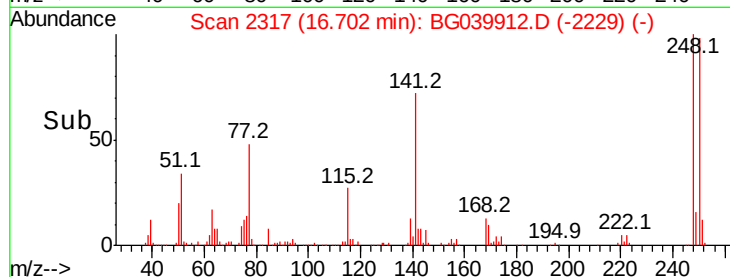
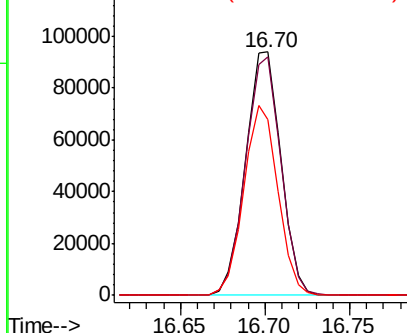
#67  
 4-Bromophenyl-phenylether  
 Concen: 41.730 ng  
 RT: 16.70 min Scan# 2317  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

Instrument :  
 BNA\_G  
 ClientSampled :

Tot Ion:248 Resp: 137064  
 Ion Ratio Lower Upper  
 248 100  
 250 98.0 77.6 116.4  
 141 72.2 63.9 95.9

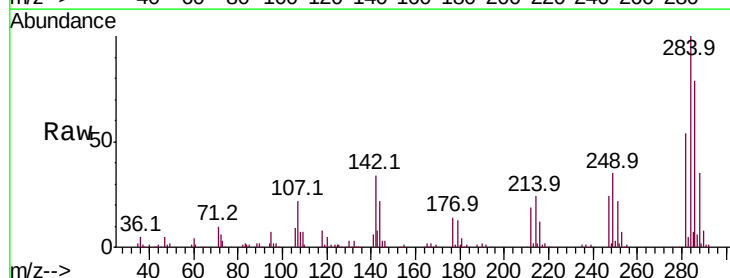


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

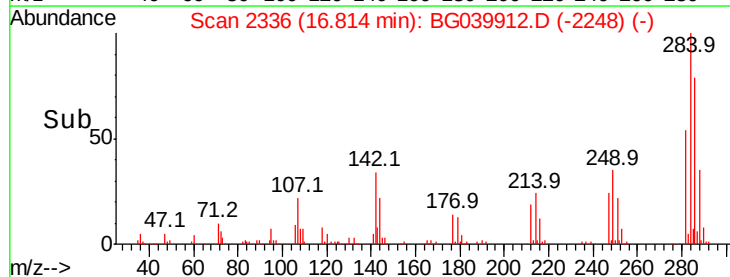
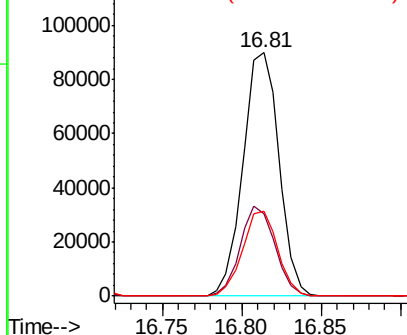


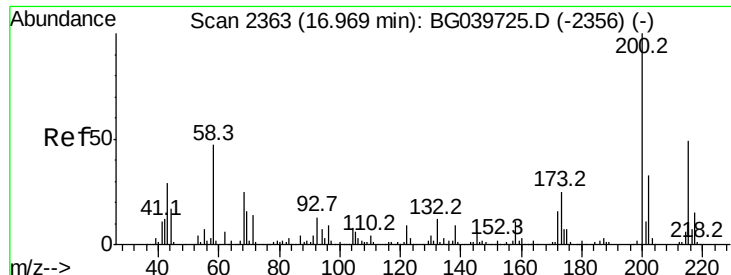
#68  
 Hexachlorobenzene  
 Concen: 41.575 ng  
 RT: 16.81 min Scan# 2336  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

Tgt Ion:284 Resp: 141548  
 Ion Ratio Lower Upper  
 284 100  
 142 33.7 30.6 45.8  
 249 34.6 28.2 42.2



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

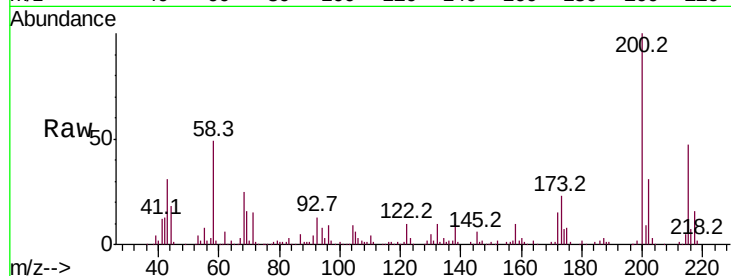




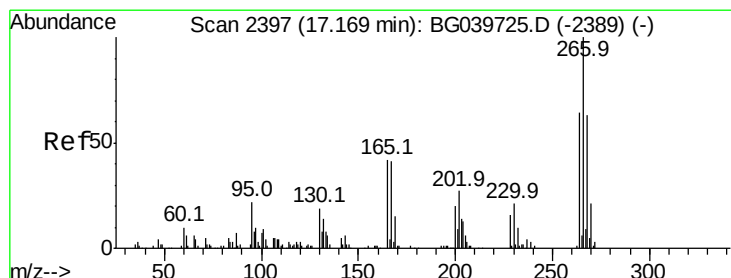
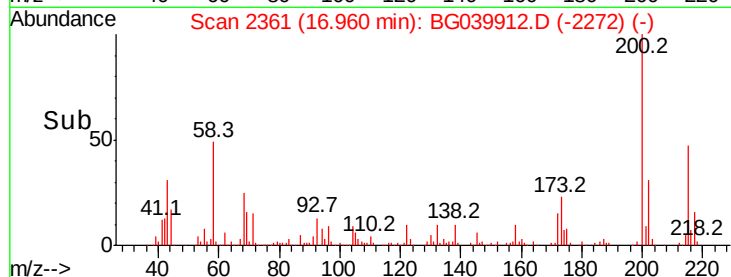
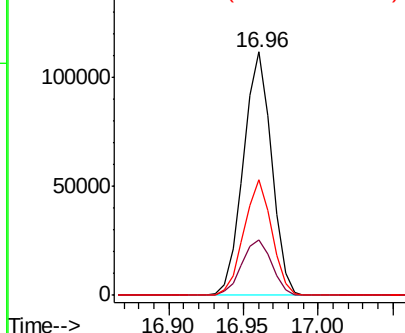
#69  
 Atrazine  
 Concen: 43.671 ng  
 RT: 16.96 min Scan# 2361  
 Delta R.T. -0.01 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

Instrument :  
 BNA\_G  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 22.5  | 3.9   | 43.9  |
| 215     | 47.3  | 30.9  | 70.9  |

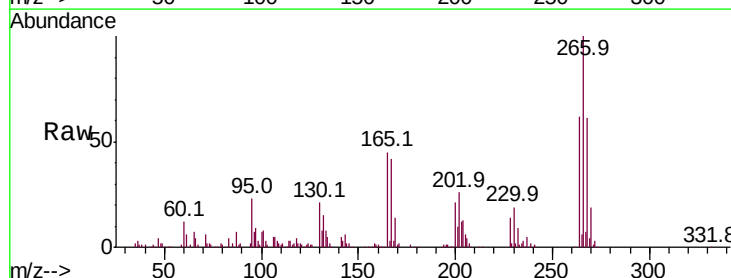


Abundance Ion 200.00 (199.70 to 200.70): E  
 Ion 173.00 (172.70 to 173.70): E  
 Ion 215.00 (214.70 to 215.70): E

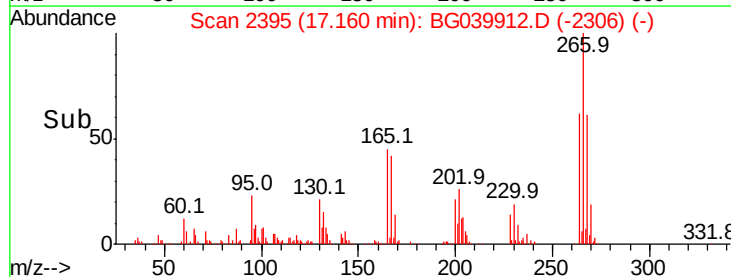
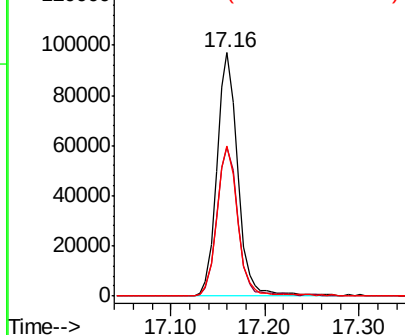


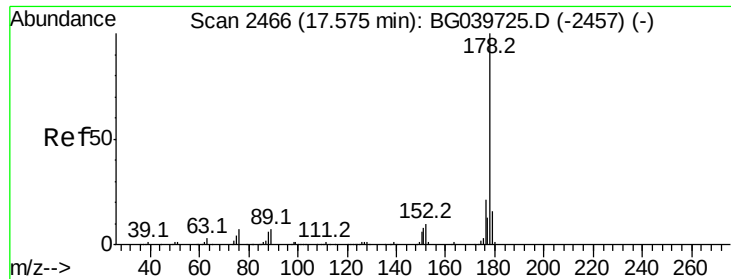
#70  
 Pentachlorophenol  
 Concen: 70.356 ng  
 RT: 17.16 min Scan# 2395  
 Delta R.T. -0.01 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 60.9  | 51.1  | 76.7  |
| 264     | 61.8  | 52.1  | 78.1  |



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

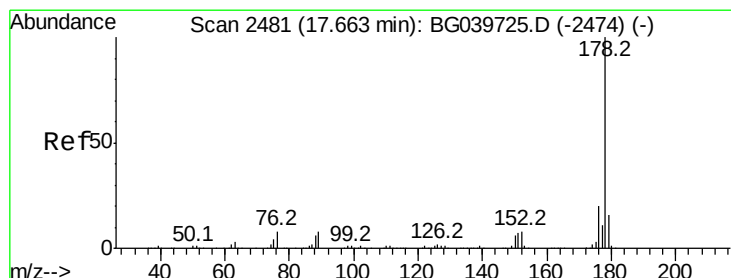
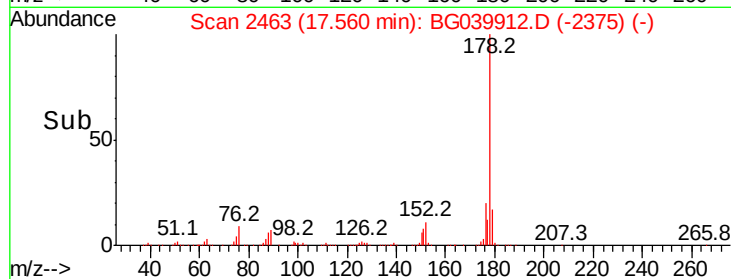
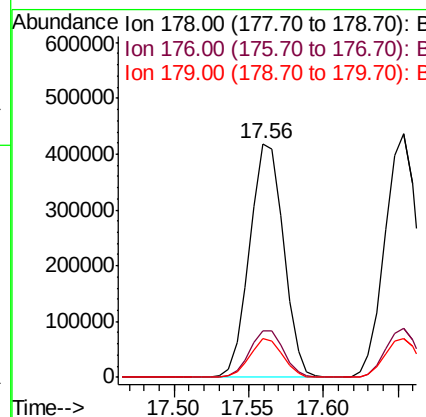
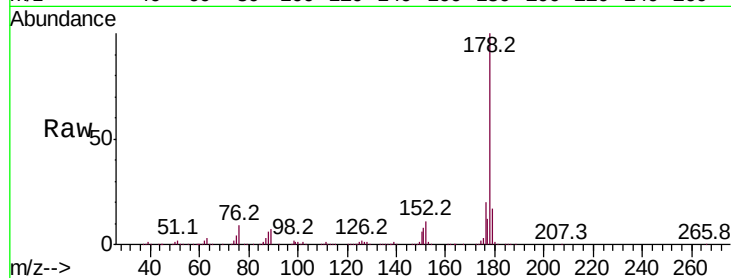




#71  
Phenanthrene  
Concen: 40.617 ng  
RT: 17.56 min Scan# 2463  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

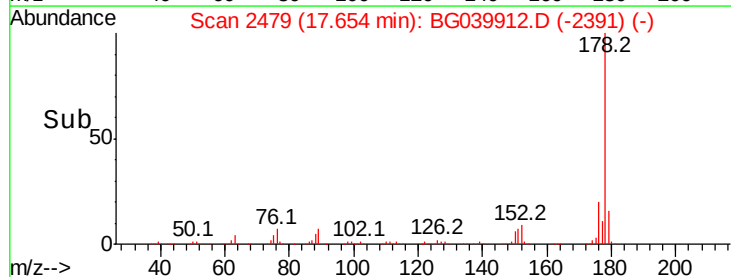
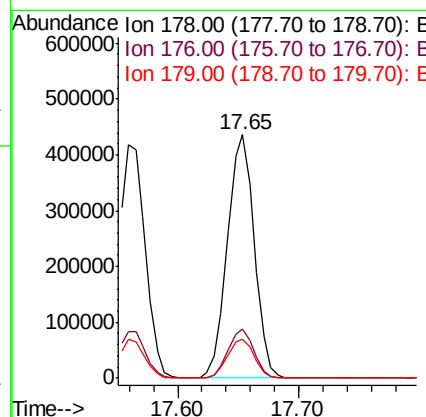
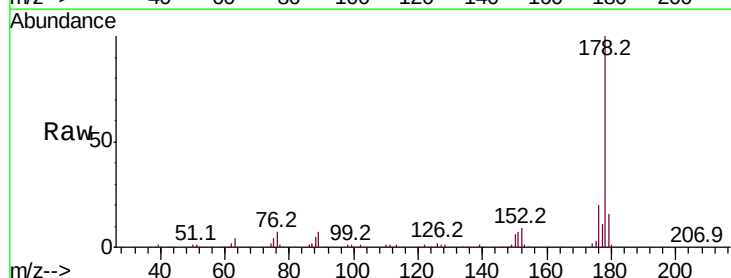
Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:178 Resp: 656492  
Ion Ratio Lower Upper  
178 100  
176 20.1 16.2 24.4  
179 16.5 12.6 19.0

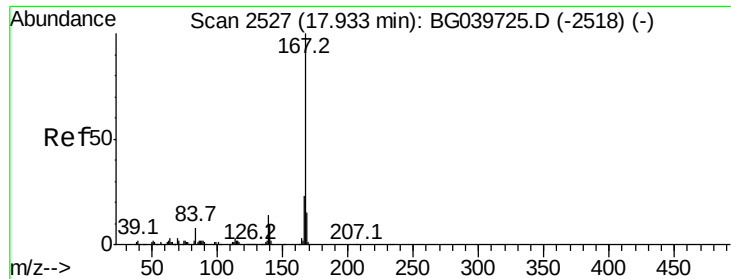


#72  
Anthracene  
Concen: 42.564 ng  
RT: 17.65 min Scan# 2479  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Tgt Ion:178 Resp: 670401  
Ion Ratio Lower Upper  
178 100  
176 20.4 15.8 23.6  
179 16.1 12.5 18.7



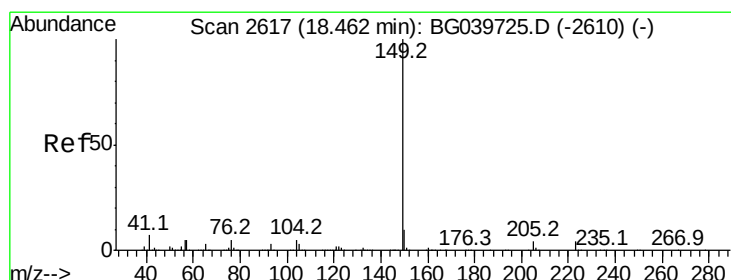
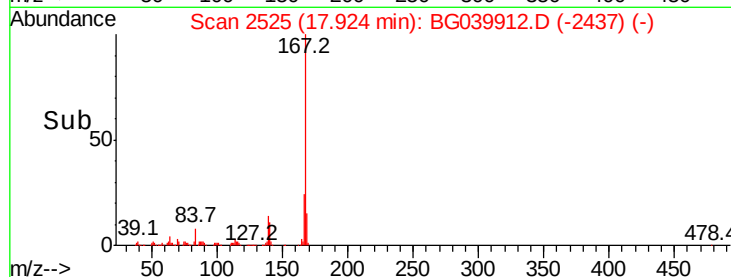
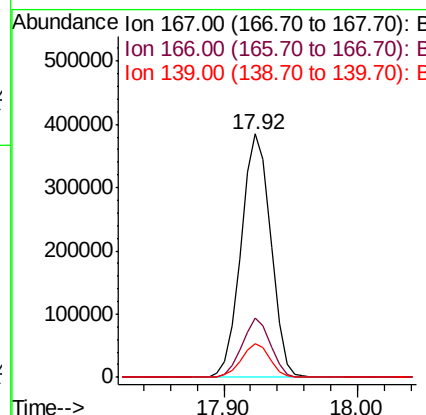
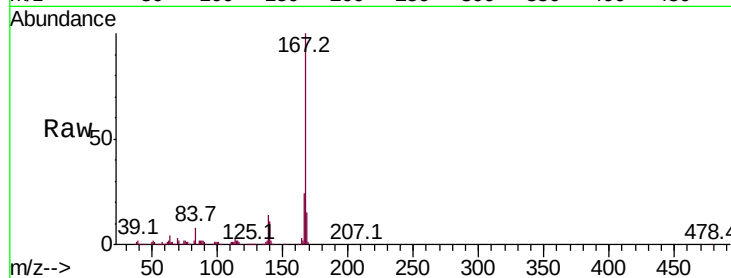




#73  
 Carbazole  
 Concen: 41.700 ng  
 RT: 17.92 min Scan# 2525  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

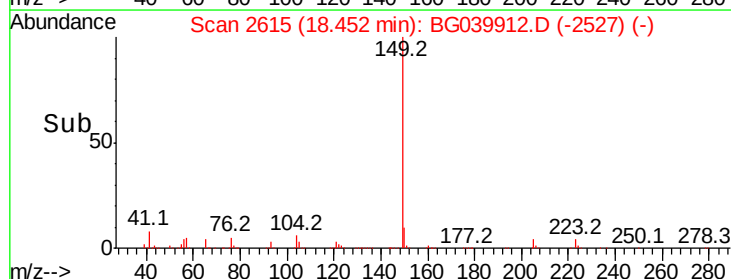
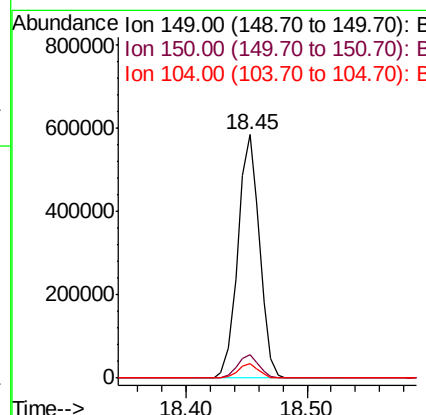
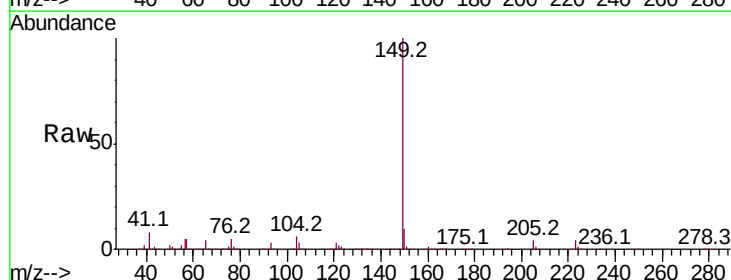
Instrument :  
 BNA\_G  
 ClientSampleId :

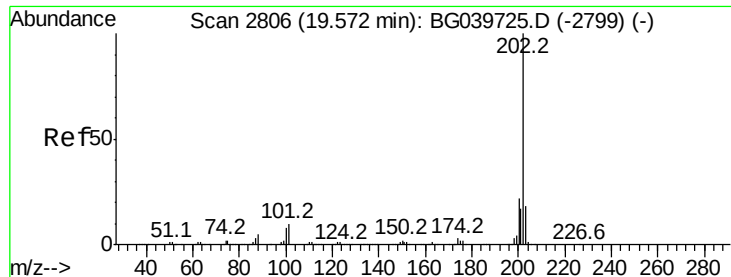
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 24.2  | 19.4  | 29.2  |
| 139     | 14.1  | 10.8  | 16.2  |



#74  
 Di-n-butylphthalate  
 Concen: 43.492 ng  
 RT: 18.45 min Scan# 2615  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.5   | 7.7   | 11.5  |
| 104     | 5.9   | 4.5   | 6.7   |





#75

Fluoranthene

Concen: 42.407 ng

RT: 19.56 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BG039912.D

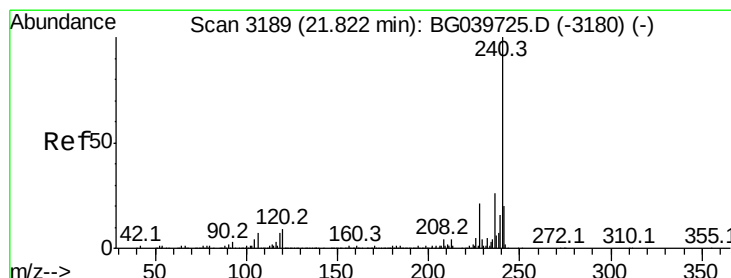
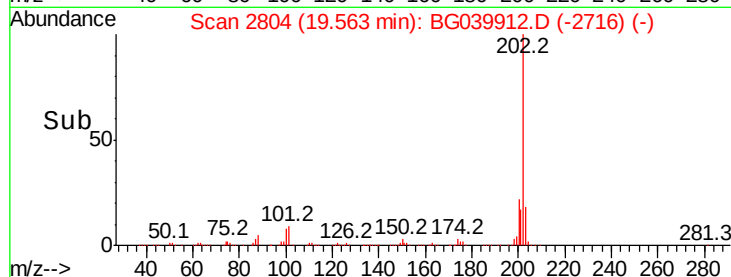
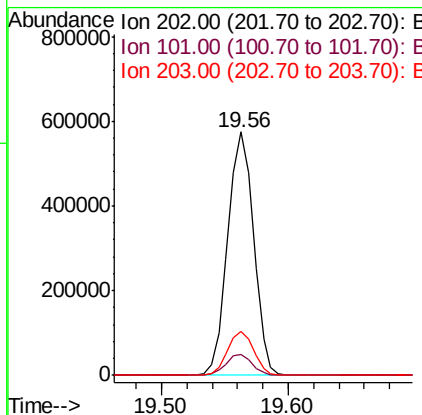
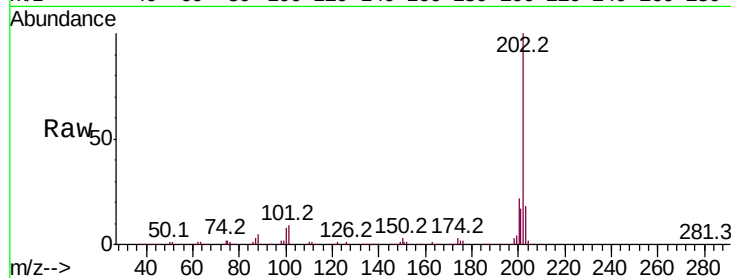
Acq: 13 Mar 2019 21:22

Instrument :

BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 202   | Resp: | 810039 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 8.6   | 0.0   | 30.0   |
| 203      | 18.3  | 0.0   | 38.9   |



#76

Chrysene-d12

Concen: 20.000 ng

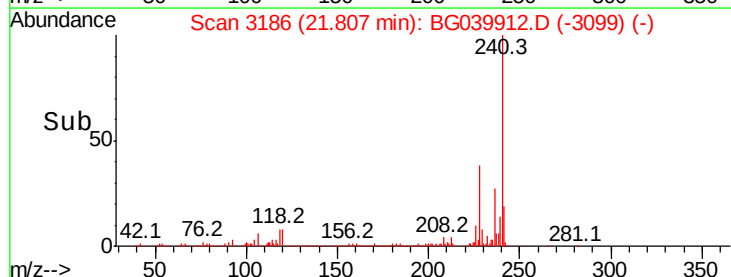
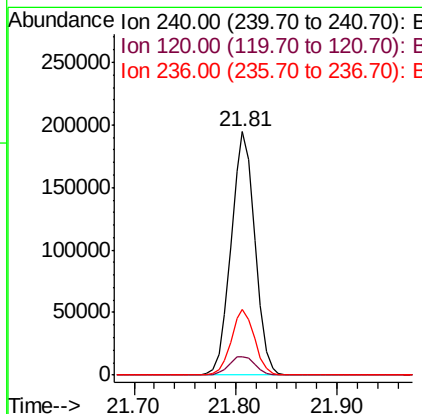
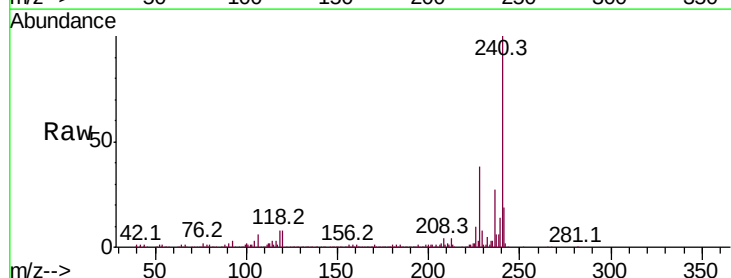
RT: 21.81 min Scan# 3186

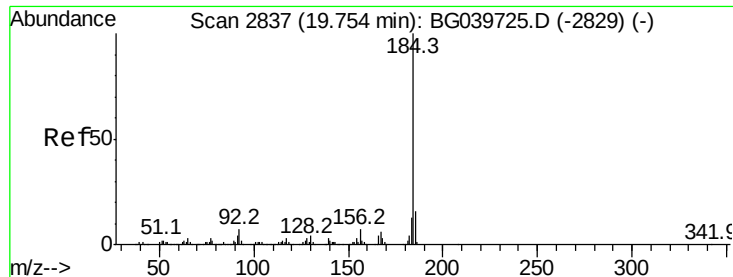
Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 240   | Resp: | 315444 |
| Ion      | Ratio | Lower | Upper  |
| 240      | 100   |       |        |
| 120      | 7.8   | 7.0   | 10.6   |
| 236      | 26.9  | 21.0  | 31.4   |





#77

Benzidine

Concen: 18.643 ng

RT: 19.74 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

Instrument :

BNA\_G

ClientSampleId :

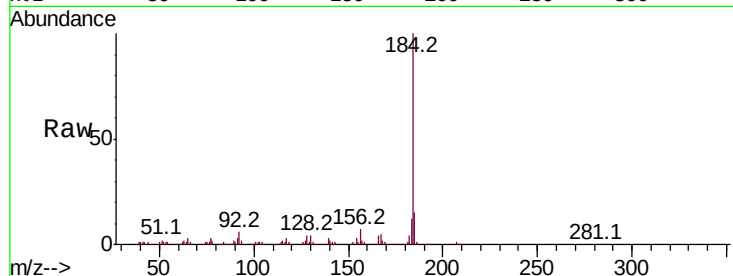
Tot Ion:184 Resp: 186613

Ion Ratio Lower Upper

184 100

185 14.6 12.2 18.2

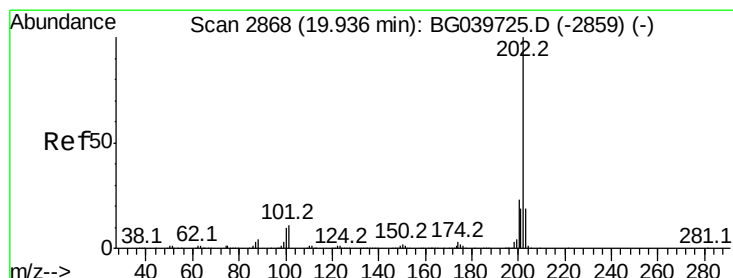
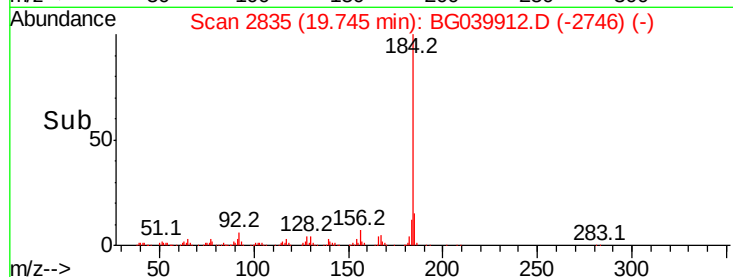
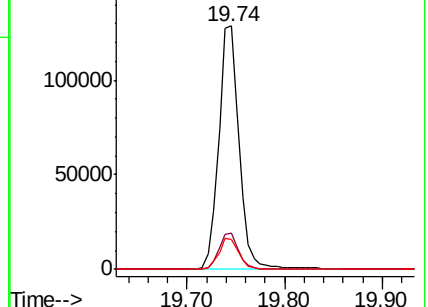
183 12.5 10.6 15.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.809 ng

RT: 19.93 min Scan# 2866

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

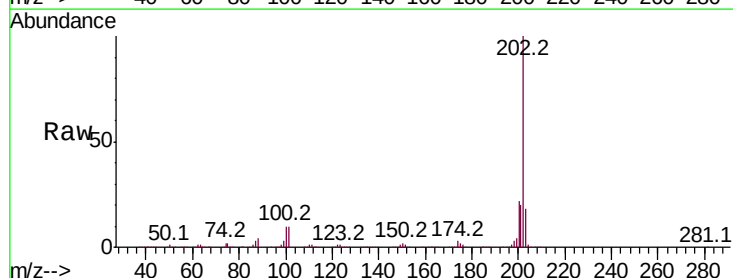
Tgt Ion:202 Resp: 815997

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.8

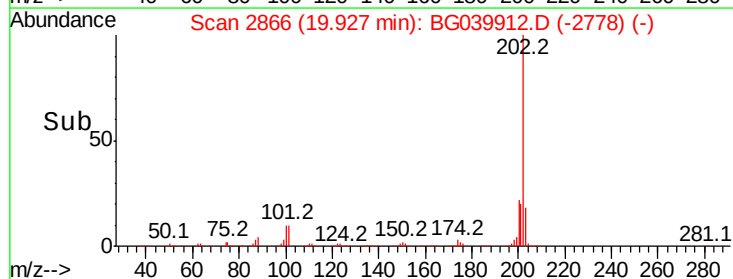
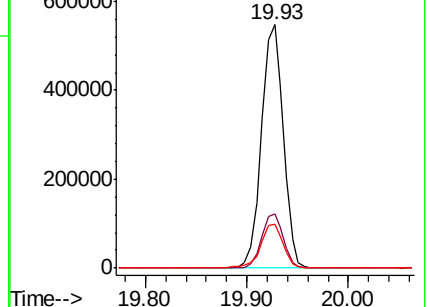
203 17.9 15.3 22.9

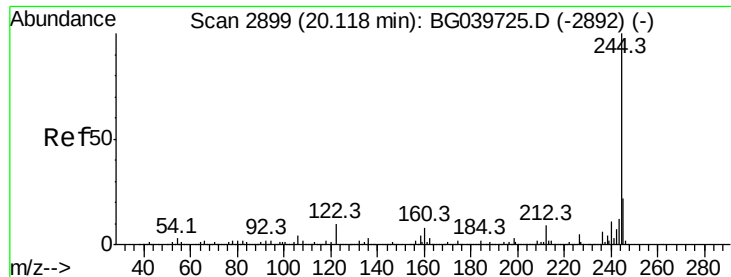


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.805 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

Instrument :

BNA\_G

ClientSampled :

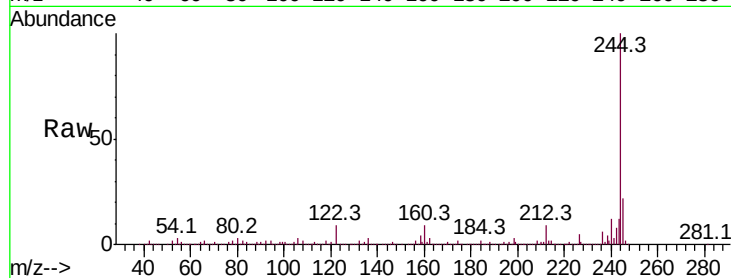
Tot Ion:244 Resp: 1171994

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.4   | 7.3   | 10.9  |
| 122 | 9.5   | 8.4   | 12.6  |

244 100

212 9.4 7.3 10.9

122 9.5 8.4 12.6

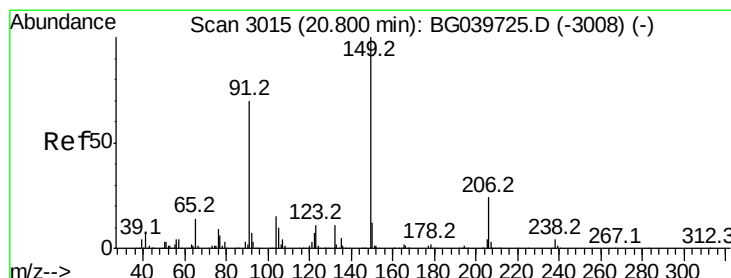
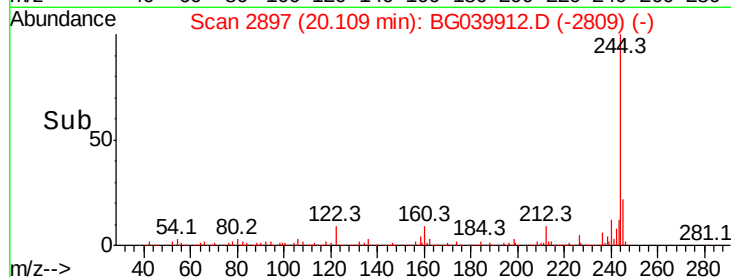
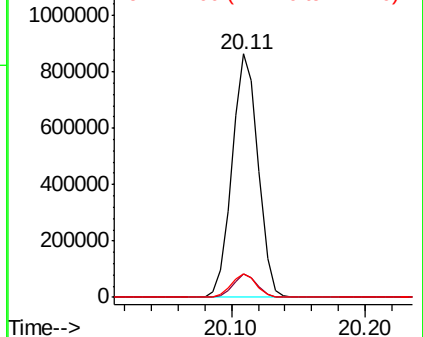


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.508 ng

RT: 20.79 min Scan# 3013

Delta R.T. -0.02 min

Lab File: BG039912.D

Acq: 13 Mar 2019 21:22

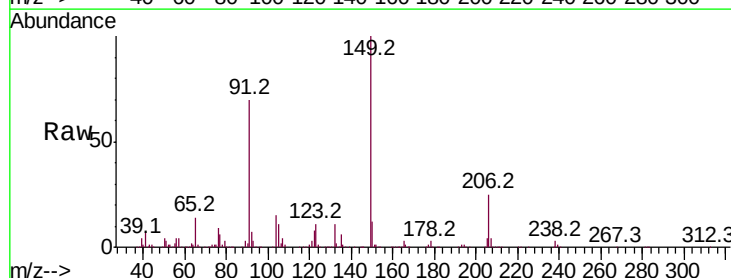
Tgt Ion:149 Resp: 353457

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 91  | 70.5  | 59.5  | 89.3  |
| 206 | 24.7  | 18.6  | 27.8  |

149 100

91 70.5 59.5 89.3

206 24.7 18.6 27.8

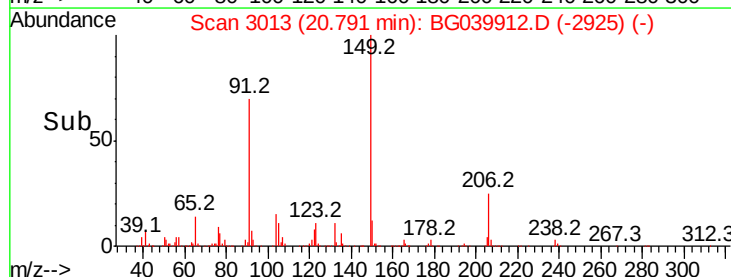
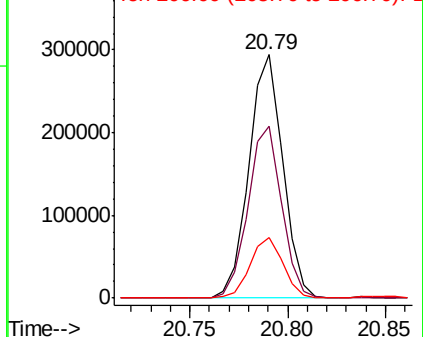


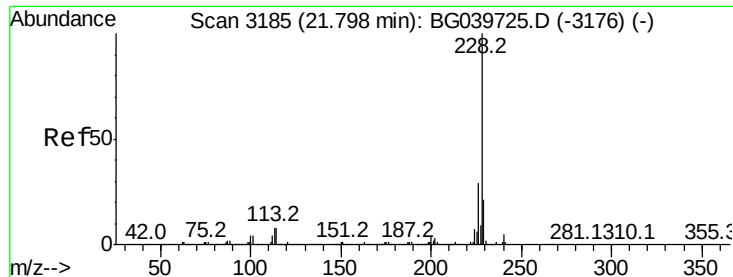
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

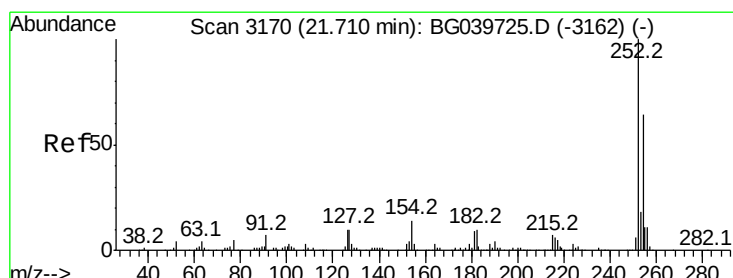
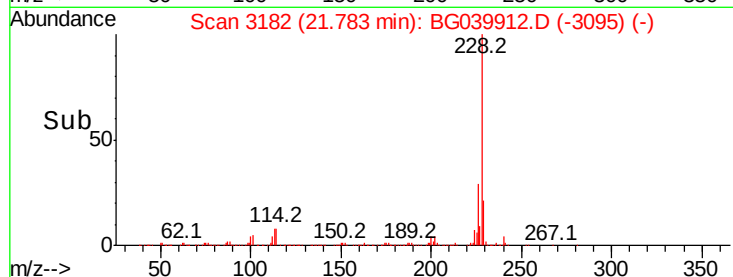
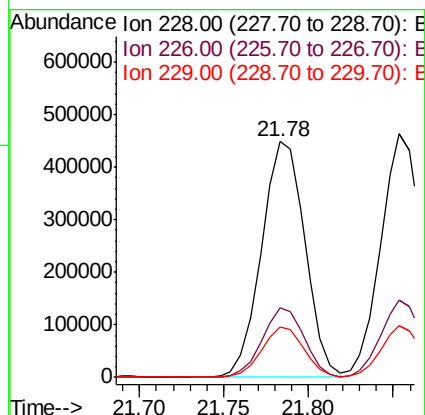
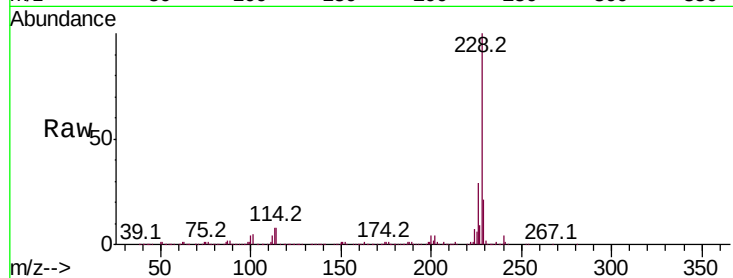




#81  
Benzo(a)anthracene  
Concen: 40.305 ng  
RT: 21.78 min Scan# 3182  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

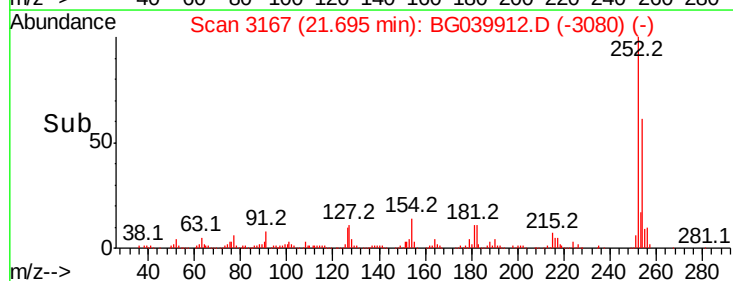
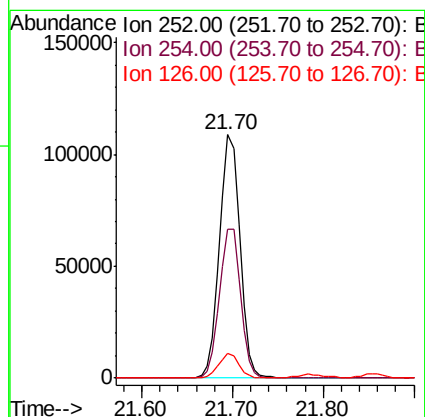
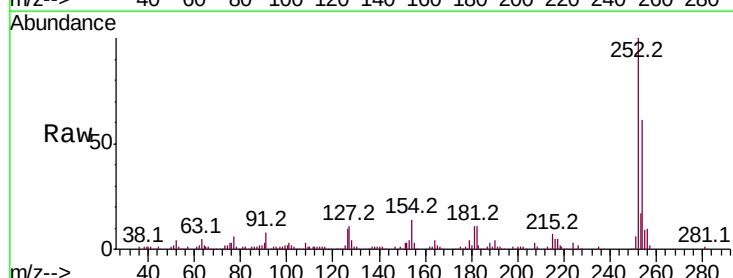
Instrument :  
BNA\_G  
ClientSampleId :

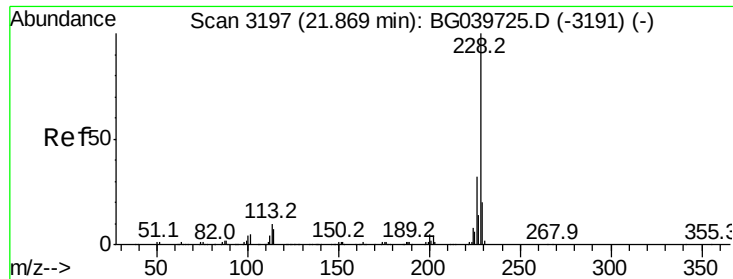
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.3  | 23.0  | 34.6  |
| 229     | 21.2  | 16.9  | 25.3  |



#82  
3,3'-Dichlorobenzidine  
Concen: 23.647 ng  
RT: 21.70 min Scan# 3167  
Delta R.T. -0.02 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 61.0  | 51.3  | 76.9  |
| 126     | 10.3  | 8.0   | 12.0  |

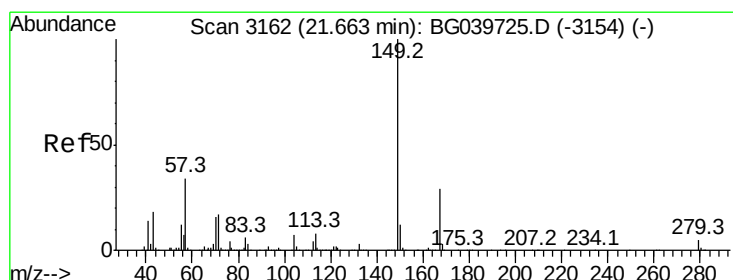
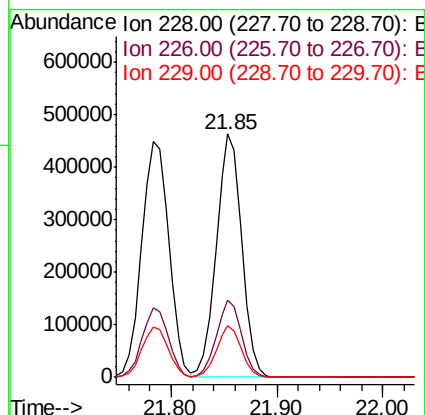
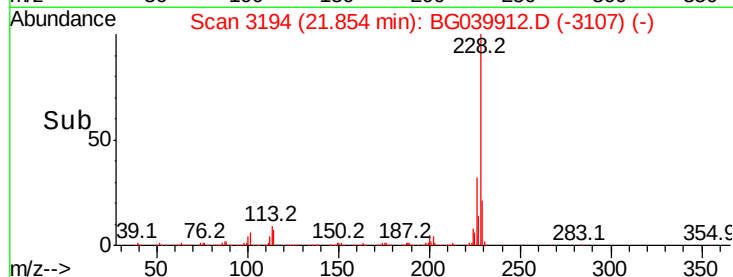
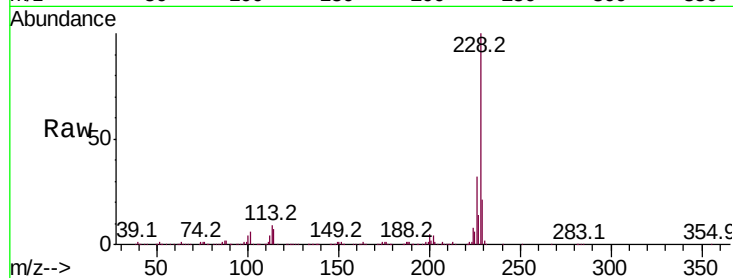




#83  
 Chrysene  
 Concen: 40.393 ng  
 RT: 21.85 min Scan# 3194  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

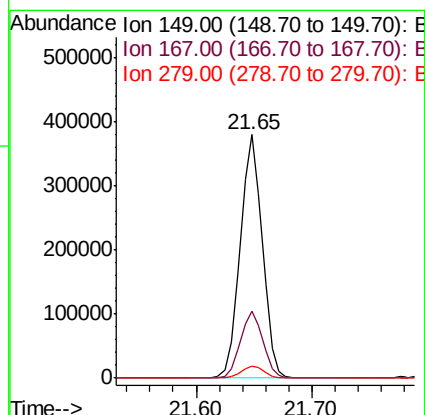
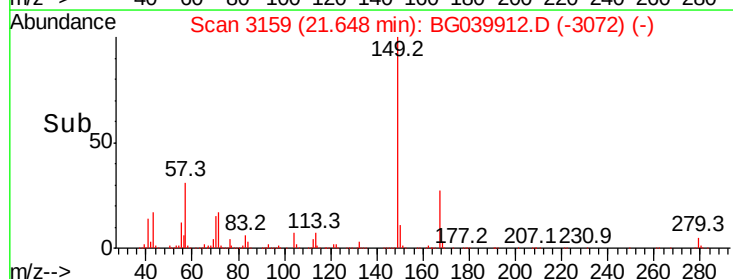
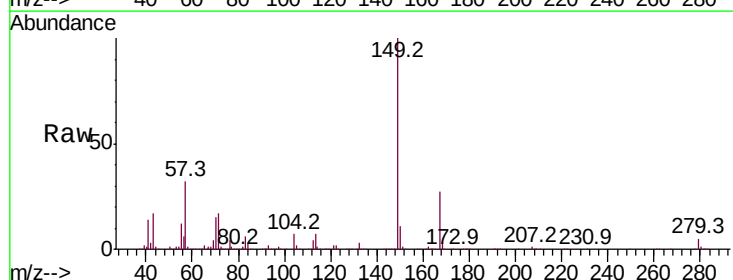
Instrument :  
 BNA\_G  
 ClientSampleId :

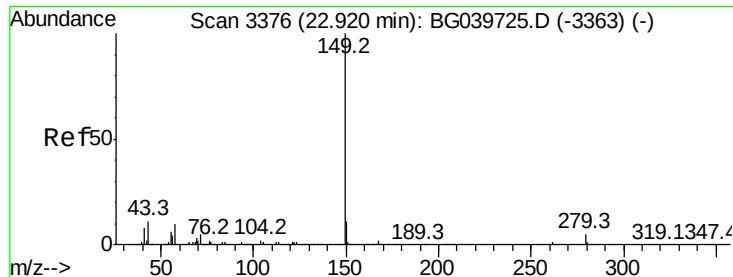
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.6  | 25.8  | 38.6  |
| 229     | 21.3  | 16.6  | 25.0  |



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.946 ng  
 RT: 21.65 min Scan# 3159  
 Delta R.T. -0.02 min  
 Lab File: BG039912.D  
 Acq: 13 Mar 2019 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 27.5  | 22.6  | 34.0  |
| 279     | 4.8   | 3.5   | 5.3   |

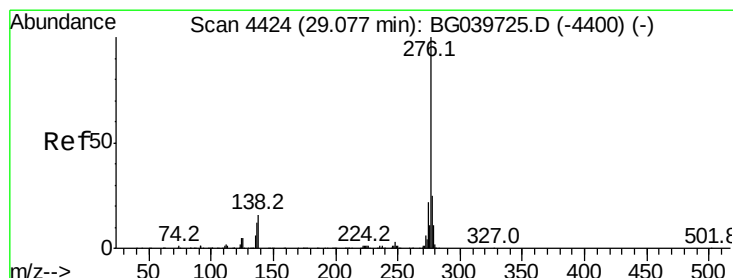
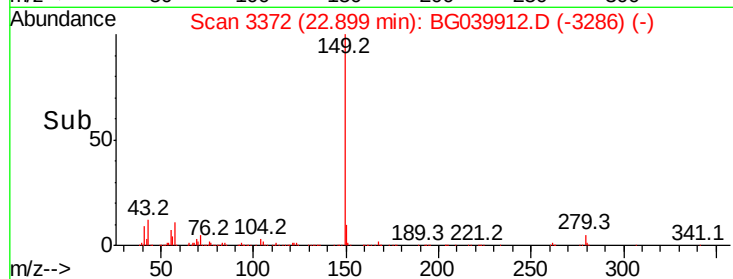
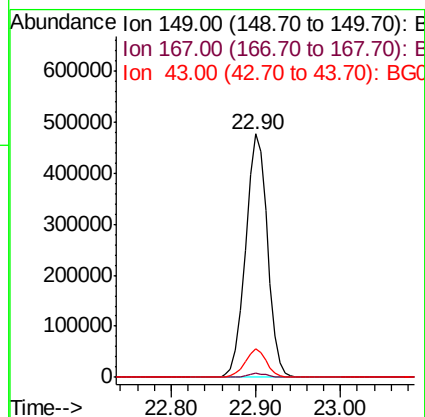
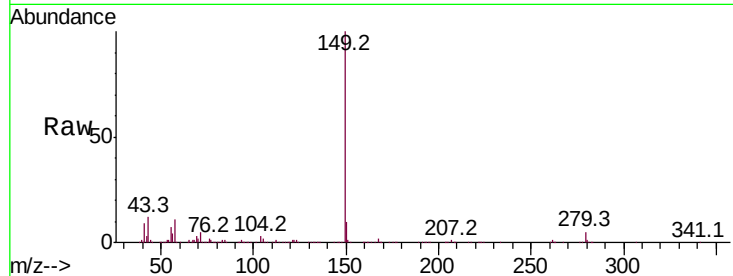




#85  
Di-n-octyl phthalate  
Concen: 45.929 ng  
RT: 22.90 min Scan# 3372  
Delta R.T. -0.03 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

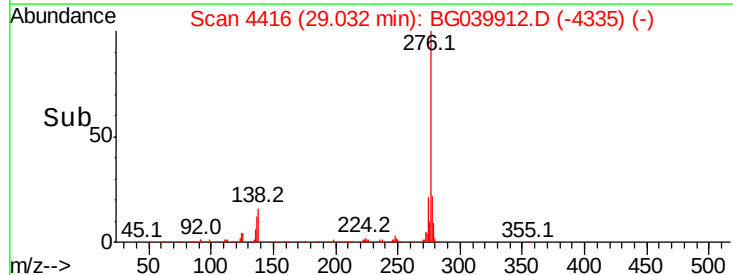
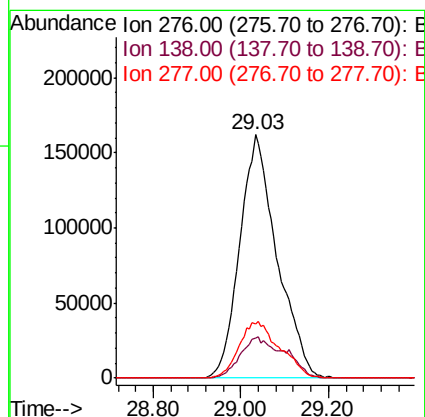
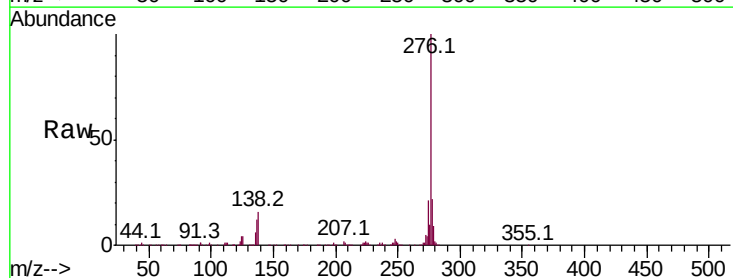
Instrument :  
BNA\_G  
ClientSampleId :

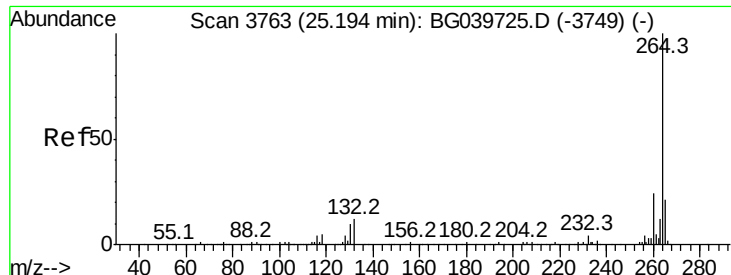
Tot Ion:149 Resp: 848665  
Ion Ratio Lower Upper  
149 100  
167 1.6 1.3 1.9  
43 11.2 10.2 15.4



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 43.046 ng  
RT: 29.03 min Scan# 4416  
Delta R.T. -0.06 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Tgt Ion:276 Resp: 935963  
Ion Ratio Lower Upper  
276 100  
138 20.1 12.6 19.0#  
277 25.5 20.8 31.2

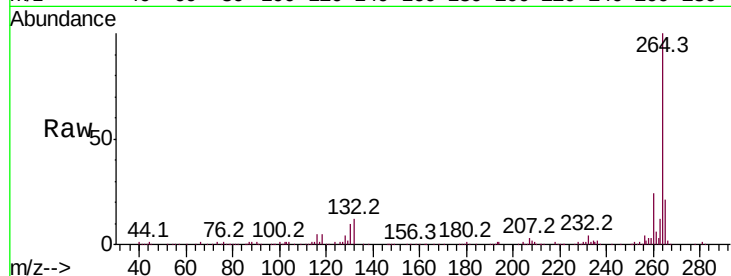




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 25.17 min Scan# 3758  
Delta R.T. -0.03 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 18.2  | 27.4  |
| 265     | 21.3  | 18.5  | 27.7  |

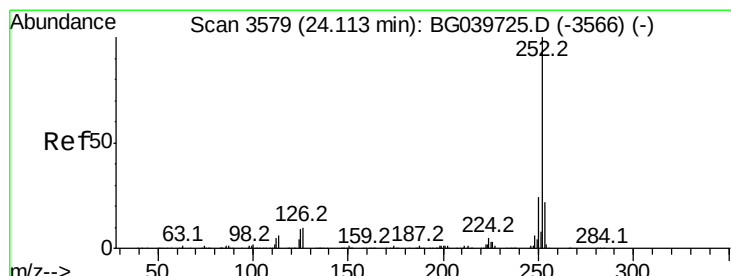
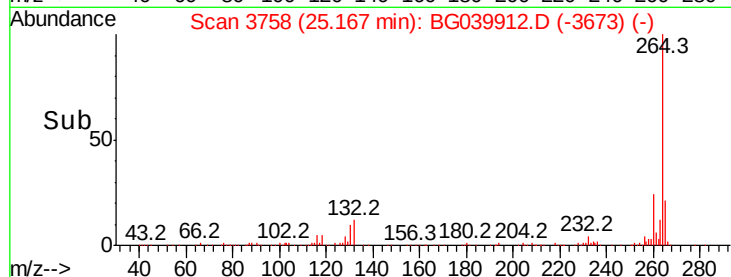
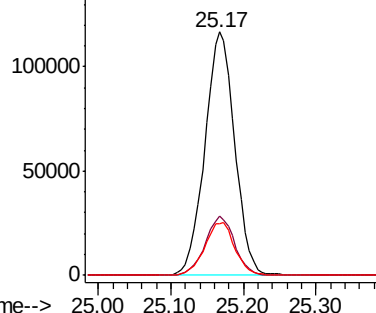


Abundance

Ion 264.00 (263.70 to 264.70): E

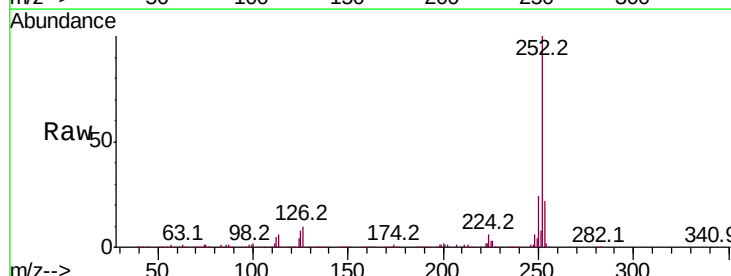
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88  
Benzo(b)fluoranthene  
Concen: 41.244 ng  
RT: 24.09 min Scan# 3575  
Delta R.T. -0.03 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.3  | 17.8  | 26.8  |
| 125     | 8.0   | 7.8   | 11.6  |

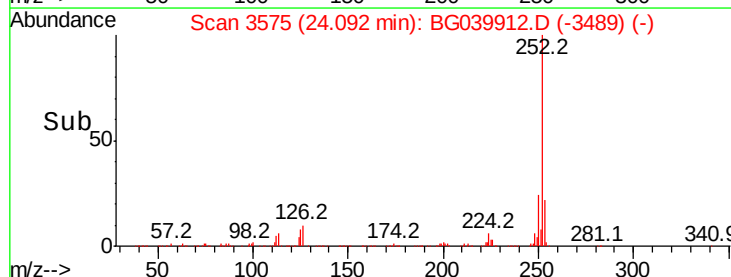
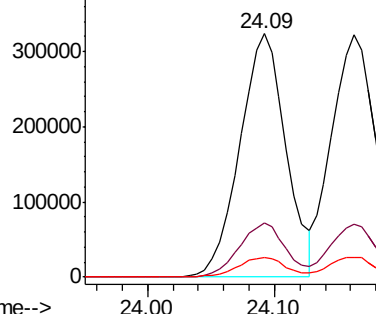


Abundance

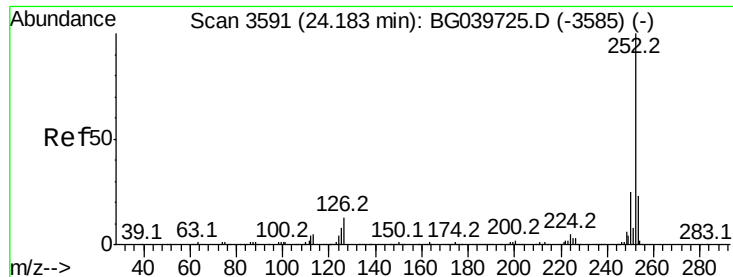
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



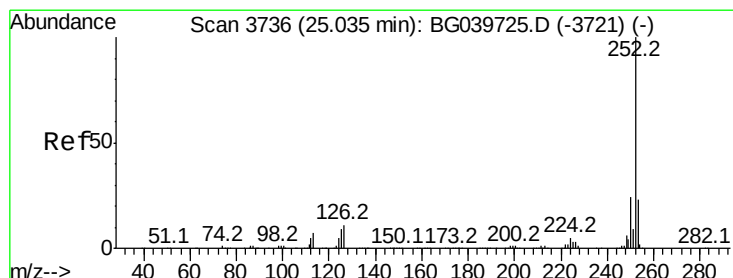
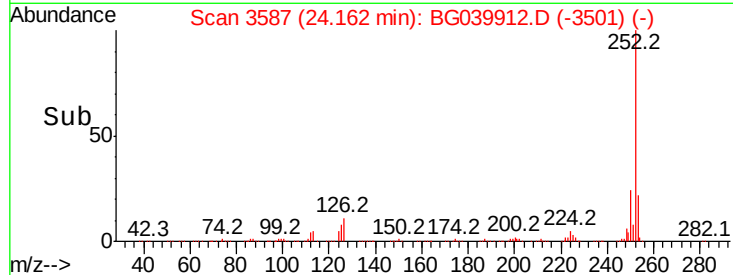
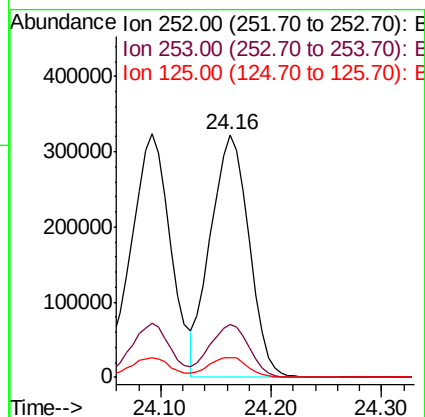
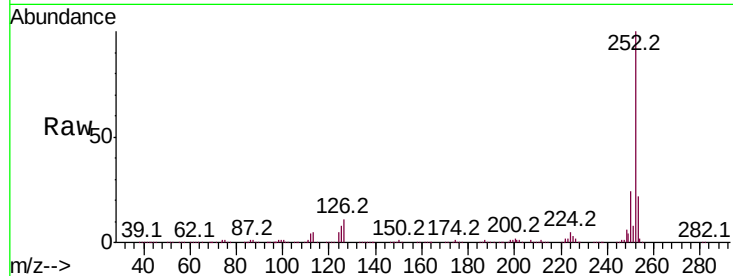




#89  
Benzo(k)fluoranthene  
Concen: 42.144 ng  
RT: 24.16 min Scan# 3587  
Delta R.T. -0.03 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

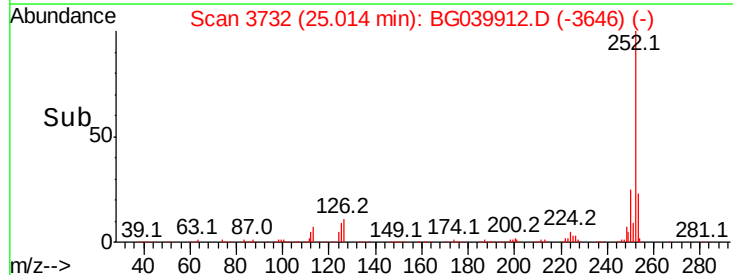
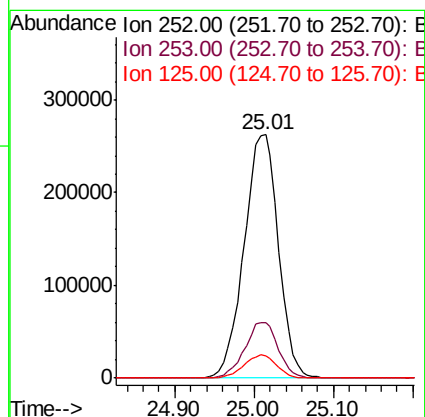
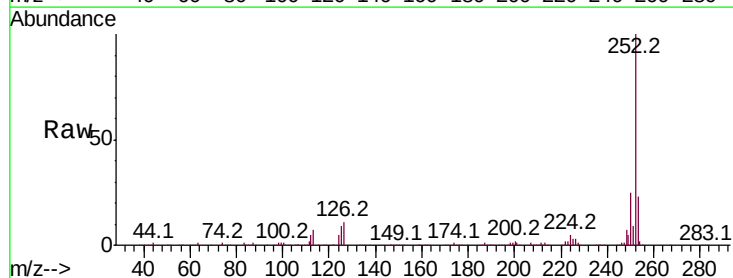
Instrument :  
BNA\_G  
ClientSampleId :

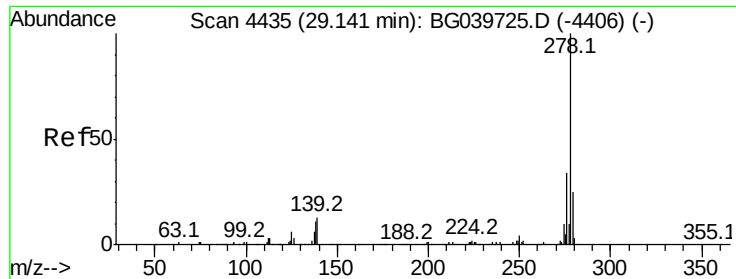
|     |         |       |        |
|-----|---------|-------|--------|
| Tot | Ion:252 | Resp: | 777523 |
| Ion | Ratio   | Lower | Upper  |
| 252 | 100     |       |        |
| 253 | 21.9    | 18.2  | 27.2   |
| 125 | 8.2     | 7.4   | 11.2   |



#90  
Benzo(a)pyrene  
Concen: 43.178 ng  
RT: 25.01 min Scan# 3732  
Delta R.T. -0.03 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:252 | Resp: | 790782 |
| Ion | Ratio   | Lower | Upper  |
| 252 | 100     |       |        |
| 253 | 22.6    | 17.9  | 26.9   |
| 125 | 9.0     | 8.3   | 12.5   |

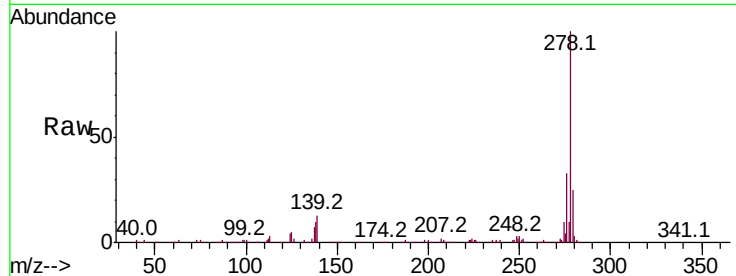




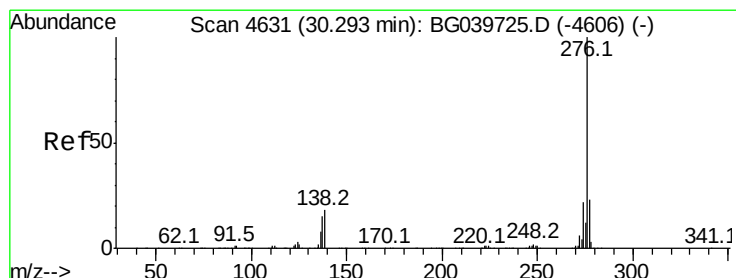
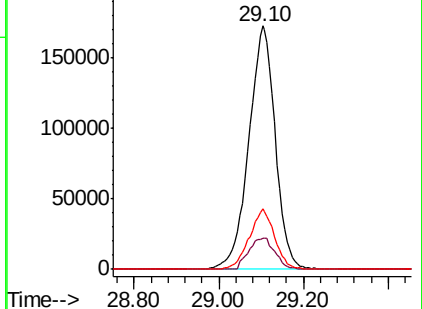
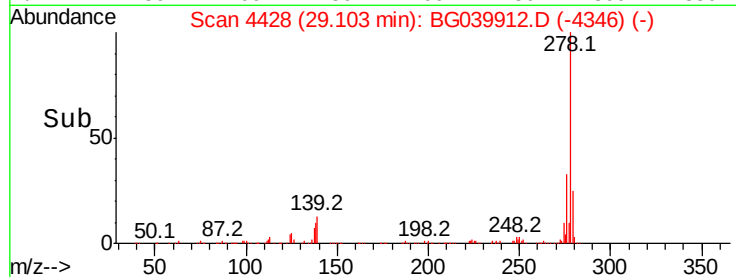
#91  
Dibenzo(a,h)anthracene  
Concen: 42.149 ng  
RT: 29.10 min Scan# 4428  
Delta R.T. -0.05 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

Instrument :  
BNA\_G  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 12.6  | 11.7  | 17.5  |
| 279     | 24.7  | 19.1  | 28.7  |

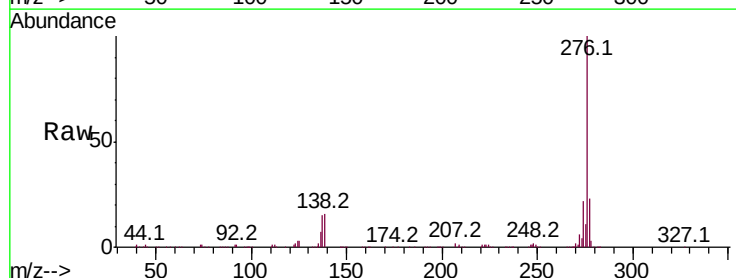


Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E



#92  
Benzo(g,h,i)perylene  
Concen: 42.915 ng  
RT: 30.26 min Scan# 4625  
Delta R.T. -0.05 min  
Lab File: BG039912.D  
Acq: 13 Mar 2019 21:22

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.8  | 19.6  | 29.4  |
| 138     | 15.9  | 14.7  | 22.1  |



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

