

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG082219\  
 Data File : BG042403.D  
 Acq On : 22 Aug 2019 16:23  
 Operator : HP/JU  
 Sample : SSTDICV040  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082219

Quant Time: Aug 22 17:01:15 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG082219.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 22 14:29:15 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.00  | 152  | 47870    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.83 | 136  | 200401   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.66 | 164  | 150191   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.42 | 188  | 356236   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.69 | 240  | 355807   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.94 | 264  | 433116   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.56  | 112  | 195305   | 82.63 | ng    | 0.00     |
| 7) Phenol-d6                | 7.17  | 99   | 262678   | 82.27 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.17  | 82   | 236009   | 81.38 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.15 | 330  | 178708   | 83.72 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.28 | 172  | 752370   | 84.72 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.03 | 244  | 1355991  | 82.39 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|--------------------------------|-------|------|----------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.42  | 88   | 41894    | 42.472 | ng    | 98     |
| 3) Pyridine                    | 3.83  | 79   | 108392   | 42.855 | ng    | 97     |
| 4) n-Nitrosodimethylamine      | 3.74  | 42   | 36449    | 40.347 | ng    | 92     |
| 6) Aniline                     | 7.32  | 93   | 175680   | 41.255 | ng    | 98     |
| 8) 2-Chlorophenol              | 7.57  | 128  | 117559   | 41.040 | ng    | 99     |
| 9) Benzaldehyde                | 7.14  | 77   | 60202    | 37.664 | ng    | 99     |
| 10) Phenol                     | 7.19  | 94   | 132358   | 40.774 | ng    | 95     |
| 11) bis(2-Chloroethyl)ether    | 7.42  | 93   | 104097   | 40.832 | ng    | 96     |
| 12) 1,3-Dichlorobenzene        | 7.89  | 146  | 148202   | 40.670 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 8.04  | 146  | 150163   | 40.682 | ng    | 98     |
| 14) 1,2-Dichlorobenzene        | 8.36  | 146  | 144653   | 40.922 | ng    | 99     |
| 15) Benzyl Alcohol             | 8.25  | 79   | 92857    | 40.426 | ng    | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.53  | 45   | 139070   | 40.247 | ng    | 99     |
| 17) 2-Methylphenol             | 8.45  | 107  | 95466    | 39.928 | ng    | 97     |
| 18) Hexachloroethane           | 9.10  | 117  | 51441    | 40.709 | ng    | 93     |
| 19) n-Nitroso-di-n-propylamine | 8.82  | 70   | 83099    | 40.175 | ng    | 96     |
| 20) 3+4-Methylphenols          | 8.79  | 107  | 134457   | 40.640 | ng    | 99     |
| 22) Acetophenone               | 8.83  | 105  | 175386   | 40.918 | ng    | # 99   |
| 24) Nitrobenzene               | 9.22  | 77   | 119455   | 40.677 | ng    | 99     |
| 25) Isophorone                 | 9.74  | 82   | 233131   | 40.734 | ng    | 98     |
| 26) 2-Nitrophenol              | 9.93  | 139  | 74399    | 40.428 | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 10.00 | 122  | 103194   | 40.707 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.23 | 93   | 147879   | 40.995 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 10.48 | 162  | 137345   | 41.410 | ng    | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.69 | 180  | 166005   | 40.777 | ng    | 96     |
| 31) Naphthalene                | 10.88 | 128  | 385884   | 41.475 | ng    | 98     |
| 32) Benzoic acid               | 10.13 | 122  | 64793    | 37.393 | ng    | 97     |
| 33) 4-Chloroaniline            | 10.98 | 127  | 178075   | 41.461 | ng    | 98     |
| 34) Hexachlorobutadiene        | 11.17 | 225  | 112465   | 41.106 | ng    | 99     |
| 35) Caprolactam                | 11.75 | 113  | 45207    | 40.848 | ng    | 96     |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107  | 129939   | 41.270 | ng    | 97     |
| 37) 2-Methylnaphthalene        | 12.49 | 142  | 307015   | 41.095 | ng    | 98     |
| 38) 1-Methylnaphthalene        | 12.71 | 142  | 293512   | 41.362 | ng    | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216  | 197600   | 40.969 | ng    | 100    |

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 22 14:29:15 2019  
 Response via : Initial Calibration

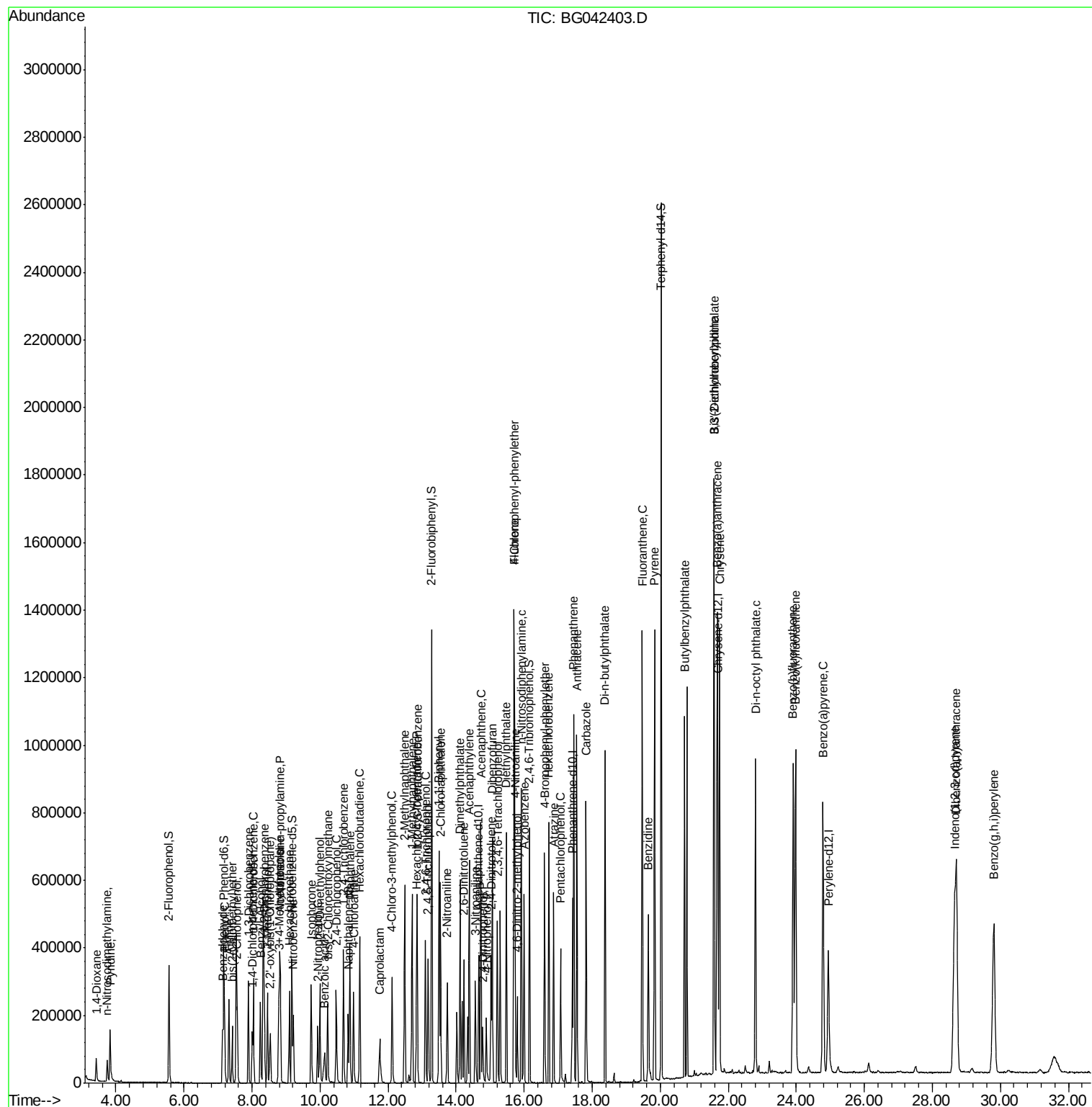
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.83 | 237  | 99778    | 39.383 | ng    | 97       |
| 43) 2,4,6-Trichlorophenol      | 13.10 | 196  | 134631   | 41.296 | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.18 | 196  | 138160   | 40.895 | ng    | 95       |
| 46) 1,1'-Biphenyl              | 13.49 | 154  | 404800   | 41.696 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.54 | 162  | 349753   | 41.780 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.74 | 65   | 82762    | 40.998 | ng    | 98       |
| 49) Acenaphthylene             | 14.39 | 152  | 534519   | 42.442 | ng    | 99       |
| 50) Dimethylphthalate          | 14.12 | 163  | 457955   | 42.259 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.23 | 165  | 104301   | 41.523 | ng    | 97       |
| 52) Acenaphthene               | 14.73 | 154  | 319346   | 41.758 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.57 | 138  | 106549   | 42.414 | ng    | 97       |
| 54) 2,4-Dinitrophenol          | 14.78 | 184  | 62582    | 40.328 | ng    | 95       |
| 55) Dibenzofuran               | 15.06 | 168  | 534044   | 42.188 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.89 | 139  | 76813    | 43.031 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.03 | 165  | 151716   | 42.179 | ng    | 98       |
| 58) Fluorene                   | 15.71 | 166  | 436581   | 42.191 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.21 | 232  | 137335   | 41.106 | ng    | 99       |
| 60) Diethylphthalate           | 15.48 | 149  | 445435   | 42.048 | ng    | 98       |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204  | 258466   | 41.435 | ng    | 99       |
| 62) 4-Nitroaniline             | 15.73 | 138  | 111427   | 41.444 | ng    | 99       |
| 63) Azobenzene                 | 16.00 | 77   | 302488   | 41.671 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 91384    | 40.916 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.92 | 169  | 397416   | 40.566 | ng    | 98       |
| 67) 4-Bromophenyl-phenylether  | 16.60 | 248  | 183050   | 40.510 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.73 | 284  | 199816   | 40.678 | ng    | 98       |
| 69) Atrazine                   | 16.87 | 200  | 129090   | 37.262 | ng    | 98       |
| 70) Pentachlorophenol          | 17.07 | 266  | 104029   | 40.760 | ng    | 99       |
| 71) Phenanthrene               | 17.46 | 178  | 741251   | 41.891 | ng    | 99       |
| 72) Anthracene                 | 17.55 | 178  | 742164   | 42.014 | ng    | 100      |
| 73) Carbazole                  | 17.82 | 167  | 657764   | 41.780 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.38 | 149  | 780070   | 41.916 | ng    | 100      |
| 75) Fluoranthene               | 19.47 | 202  | 918416   | 42.529 | ng    | 99       |
| 77) Benzidine                  | 19.65 | 184  | 408757   | 40.070 | ng    | 99       |
| 78) Pyrene                     | 19.83 | 202  | 924384   | 42.375 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.71 | 149  | 357350   | 41.649 | ng    | 100      |
| 81) Benzo(a)anthracene         | 21.68 | 228  | 897059   | 41.445 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 359326   | 41.278 | ng    | 98       |
| 83) Chrysene                   | 21.74 | 228  | 866004   | 41.487 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.58 | 149  | 494717   | 41.528 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.80 | 149  | 857282   | 41.841 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.65 | 276  | 1177838  | 41.521 | ng    | # 95     |
| 88) Benzo(b)fluoranthene       | 23.91 | 252  | 996815   | 41.863 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 23.98 | 252  | 961219   | 41.997 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.79 | 252  | 947705   | 41.944 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.71 | 278  | 955530   | 41.768 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.81 | 276  | 948042   | 41.434 | ng    | 99       |

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

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QLast Update : Thu Aug 22 14:29:15 2019  
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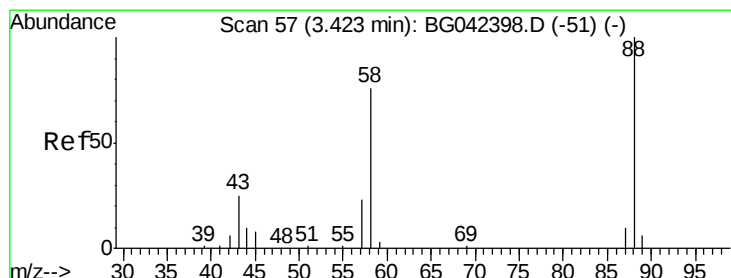
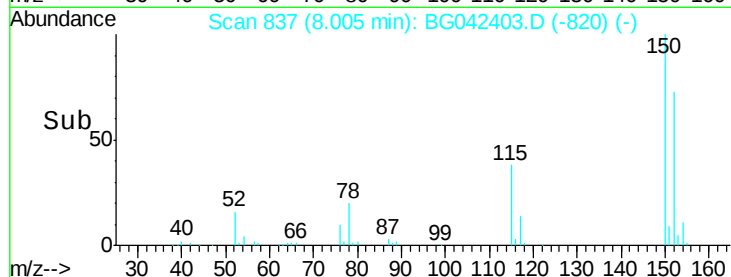
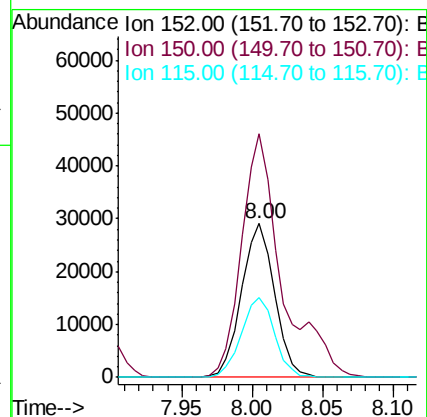
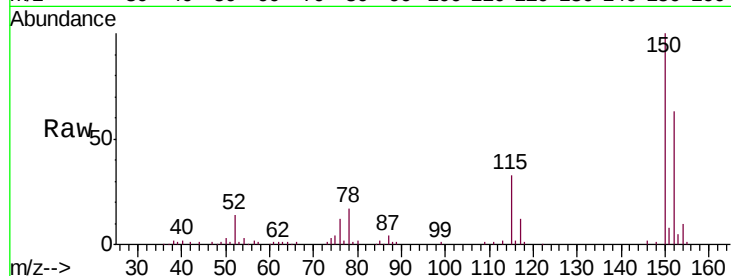


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.00 min Scan# 837  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082219

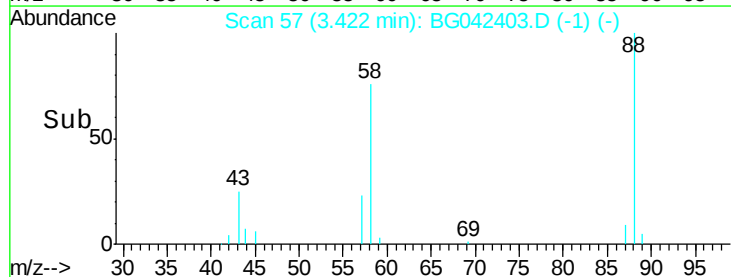
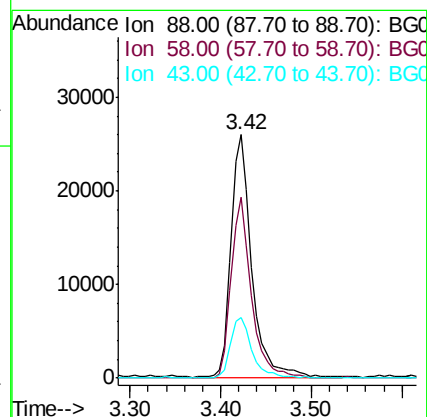
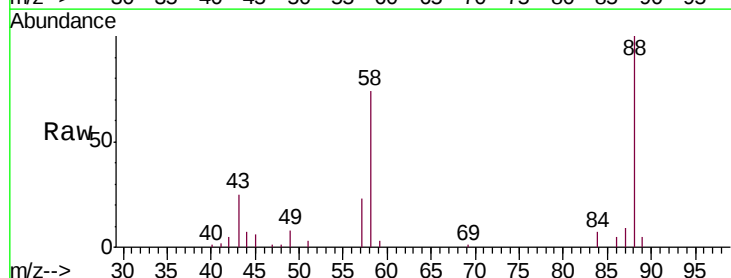
Tgt Ion:152 Resp: 47870  
Ion Ratio Lower Upper  
152 100  
150 158.3 125.4 188.0  
115 51.9 38.5 57.7



#2

1,4-Dioxane  
Concen: 42.472 ng  
RT: 3.42 min Scan# 57  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

Tgt Ion: 88 Resp: 41894  
Ion Ratio Lower Upper  
88 100  
58 71.1 58.3 87.5  
43 25.4 20.2 30.2





#3

Pyridine

Concen: 42.855 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

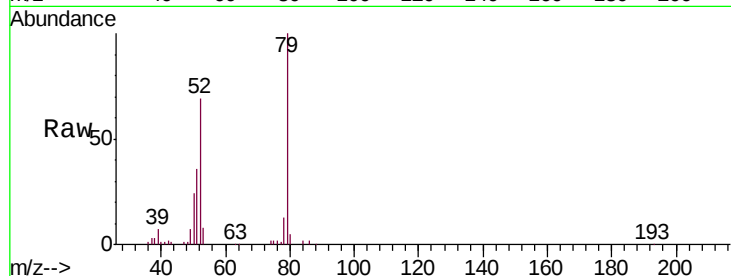
Tgt Ion: 79 Resp: 108392

Ion Ratio Lower Upper

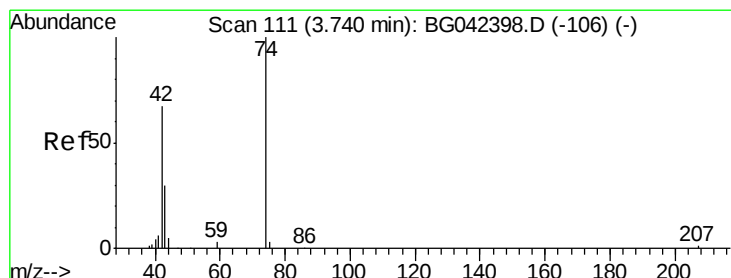
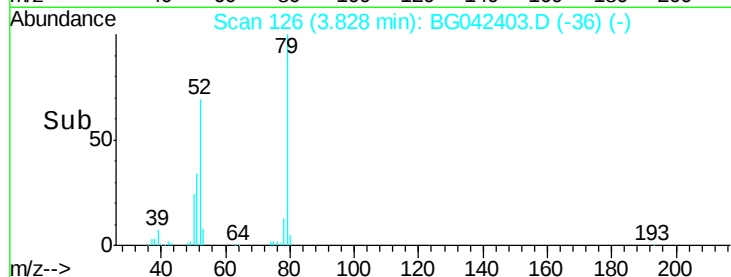
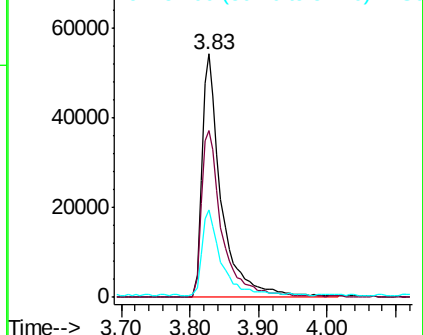
79 100

52 68.8 57.7 86.5

51 36.0 28.8 43.2



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 52.00 (51.70 to 52.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.347 ng

RT: 3.74 min Scan# 111

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

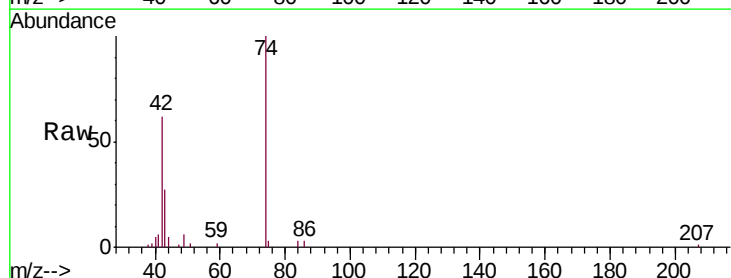
Tgt Ion: 42 Resp: 36449

Ion Ratio Lower Upper

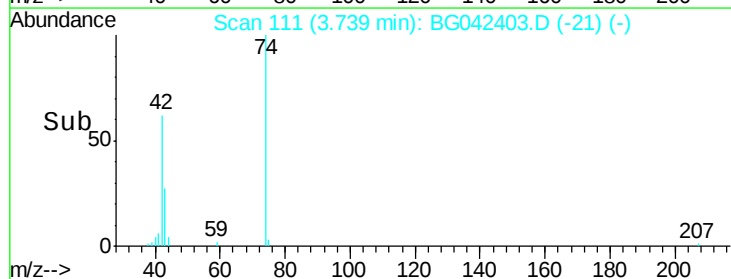
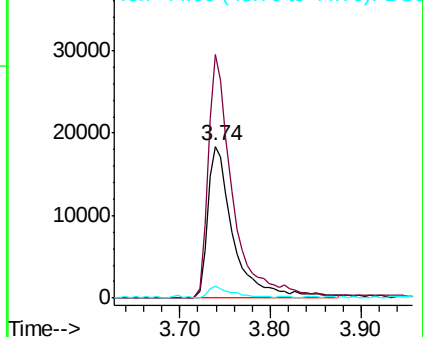
42 100

74 160.2 119.6 179.4

44 8.2 6.5 9.7



Abundance Ion 42.00 (41.70 to 42.70): BGC  
Ion 74.00 (73.70 to 74.70): BGC  
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 82.630 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

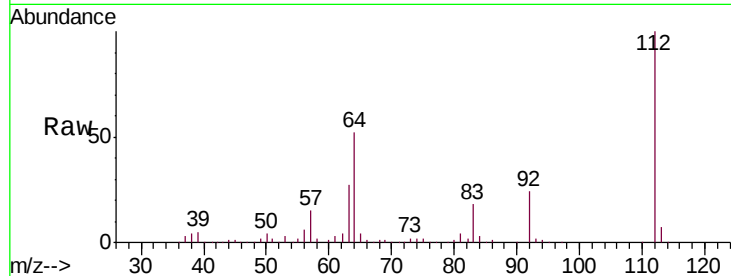
Tgt Ion: 112 Resp: 195305

Ion Ratio Lower Upper

112 100

64 52.4 42.8 64.2

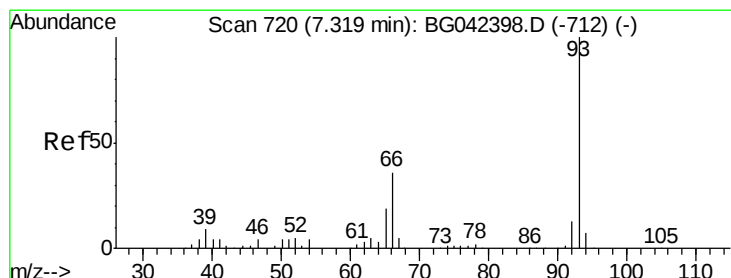
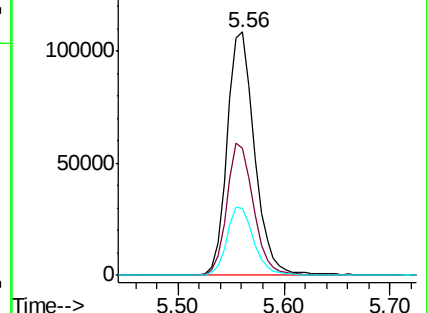
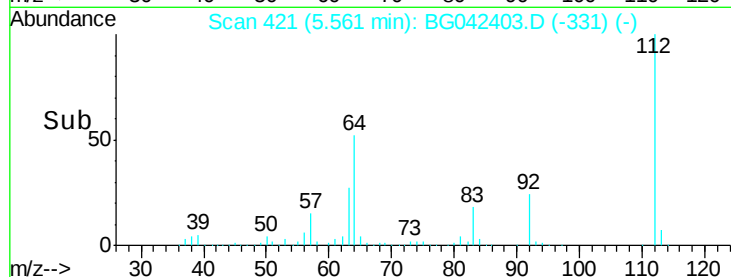
63 27.4 22.7 34.1



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: 41.255 ng

RT: 7.32 min Scan# 721

Delta R.T. 0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

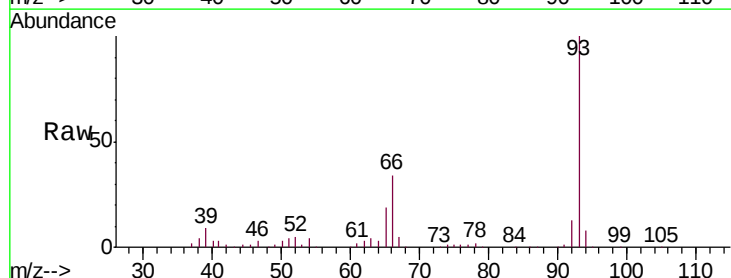
Tgt Ion: 93 Resp: 175680

Ion Ratio Lower Upper

93 100

66 34.4 29.0 43.6

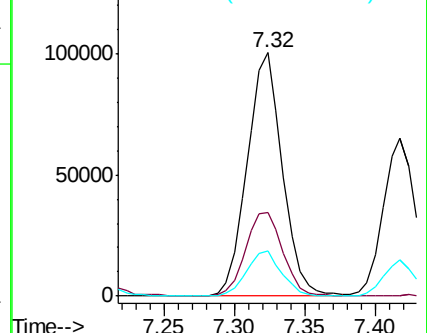
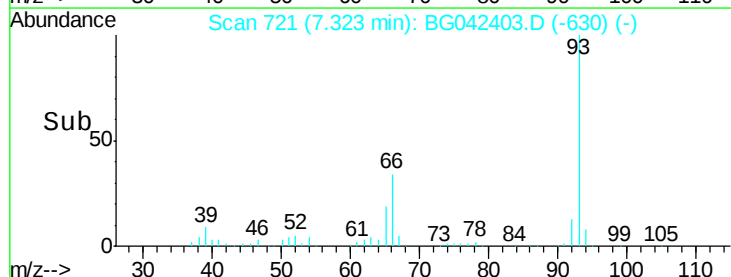
65 18.8 15.2 22.8



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: 82.274 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

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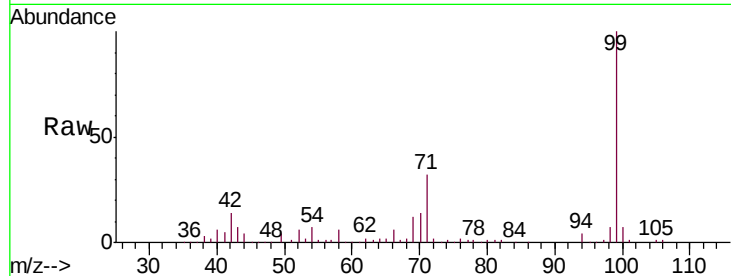
Tgt Ion: 99 Resp: 262678

Ion Ratio Lower Upper

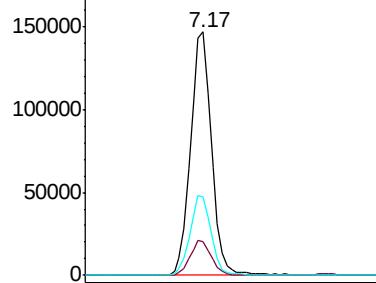
99 100

42 13.7 12.0 18.0

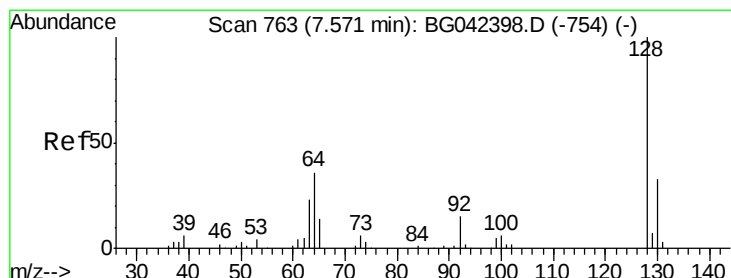
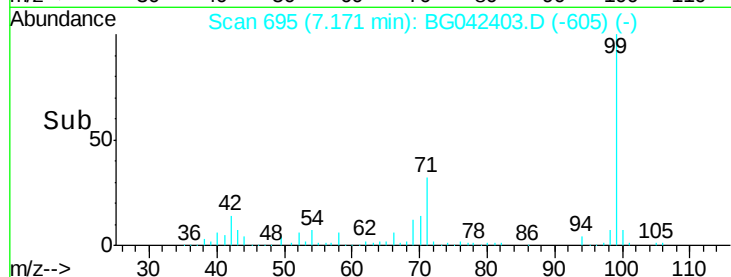
71 32.2 26.3 39.5



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



Time-->



#8

2-Chlorophenol

Concen: 41.040 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

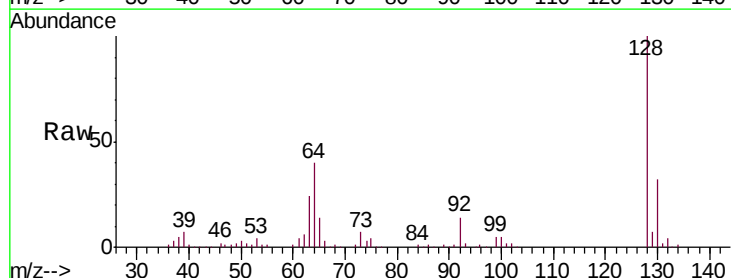
Tgt Ion: 128 Resp: 117559

Ion Ratio Lower Upper

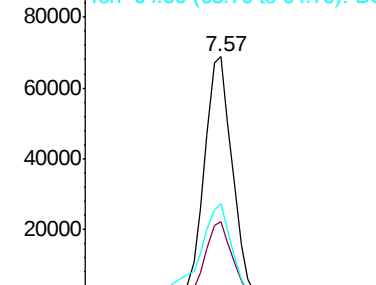
128 100

130 32.4 12.8 52.8

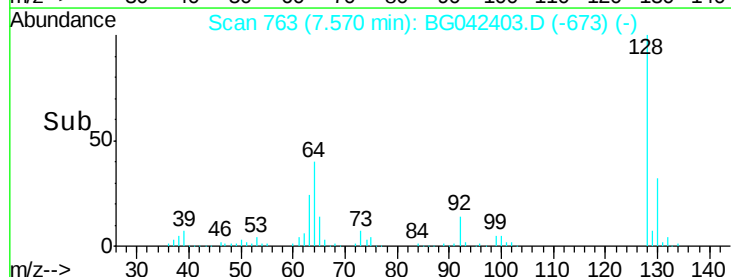
64 39.6 19.2 59.2

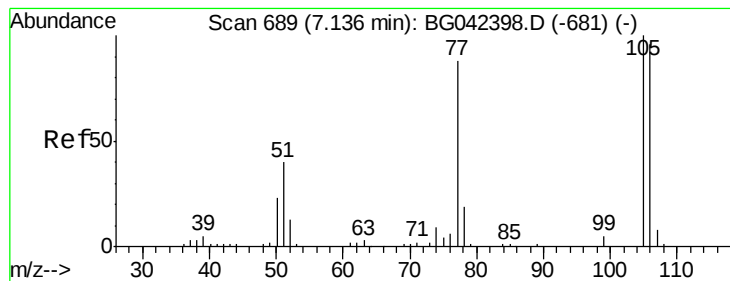


Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC



Time-->





#9

Benzaldehyde

Concen: 37.664 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

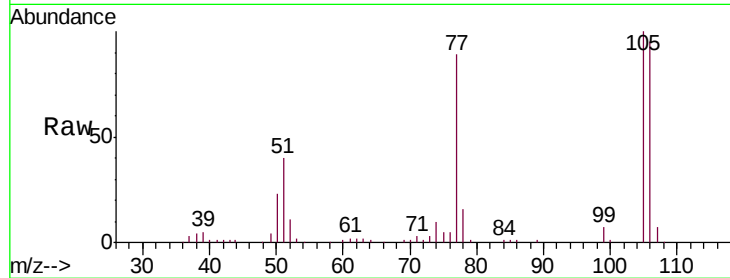
Tgt Ion: 77 Resp: 60202

Ion Ratio Lower Upper

77 100

105 112.8 93.4 133.4

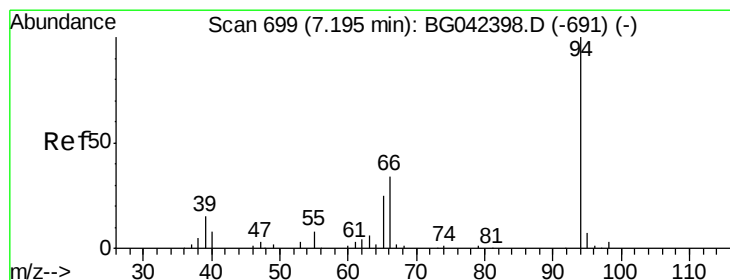
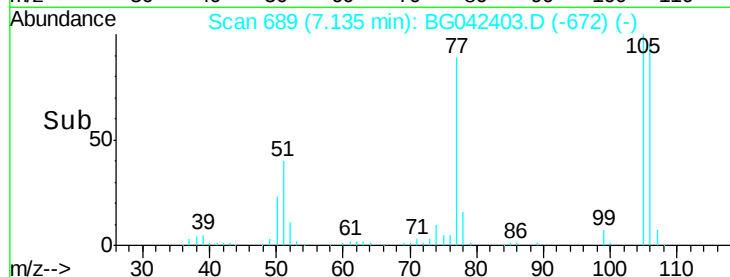
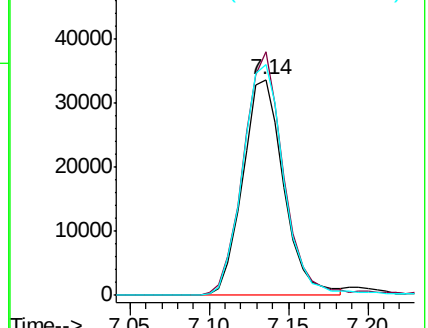
106 107.2 88.4 128.4



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: 40.774 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

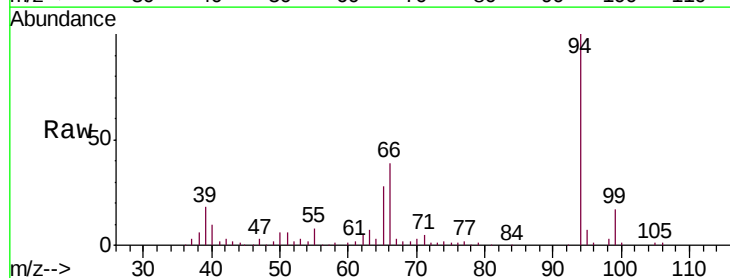
Tgt Ion: 94 Resp: 132358

Ion Ratio Lower Upper

94 100

65 27.6 5.6 45.6

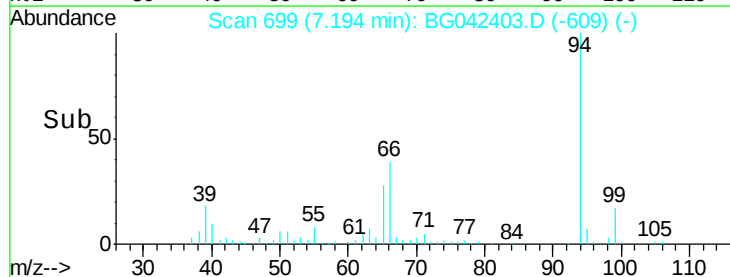
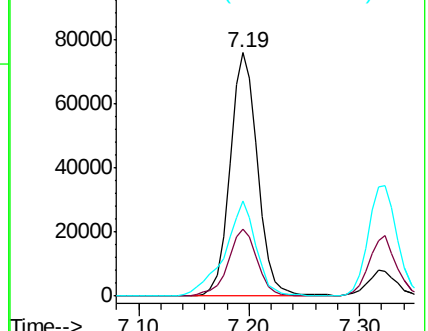
66 39.0 16.0 56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

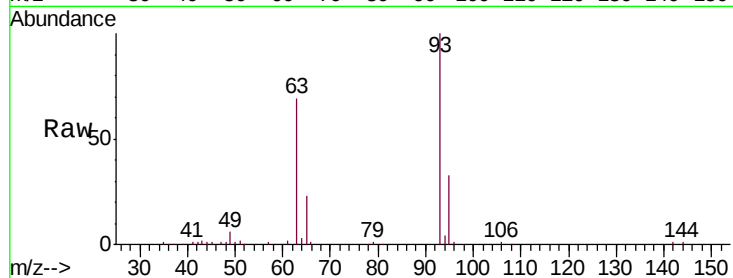




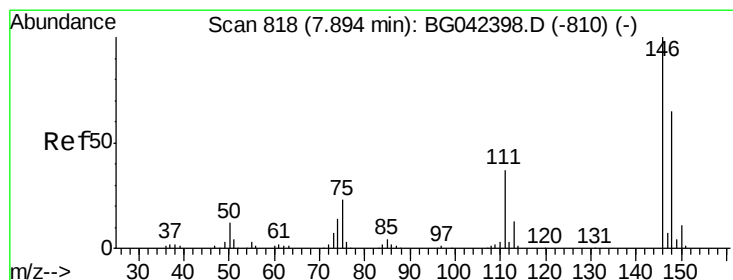
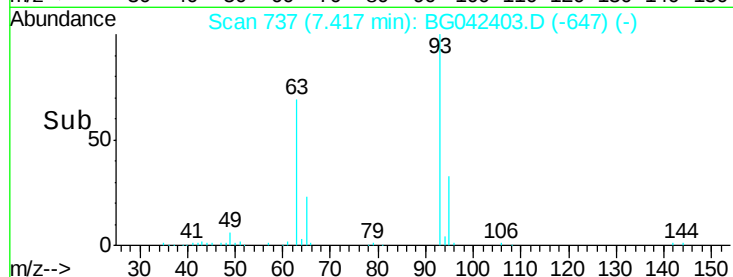
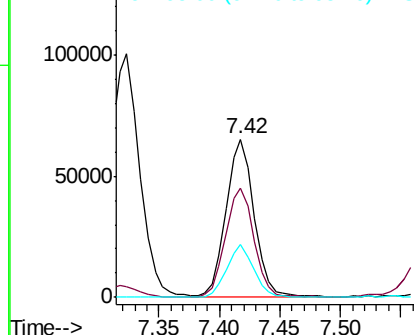
#11  
 bis(2-Chloroethyl)ether  
 Concen: 40.832 ng  
 RT: 7.42 min Scan# 737  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082219

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 104097 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 69.5  | 53.8  | 93.8   |
| 95       | 33.3  | 13.1  | 53.1   |

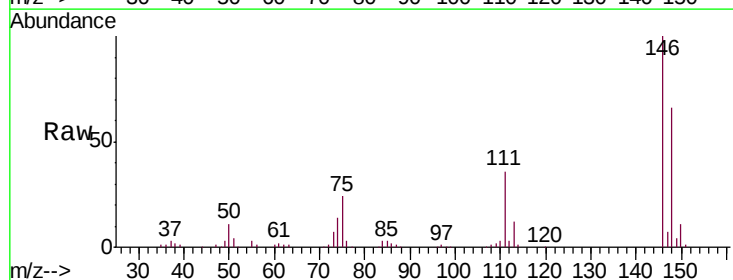


Abundance Ion 93.00 (92.70 to 93.70): BGC  
 Ion 63.00 (62.70 to 63.70): BGC  
 Ion 95.00 (94.70 to 95.70): BGC

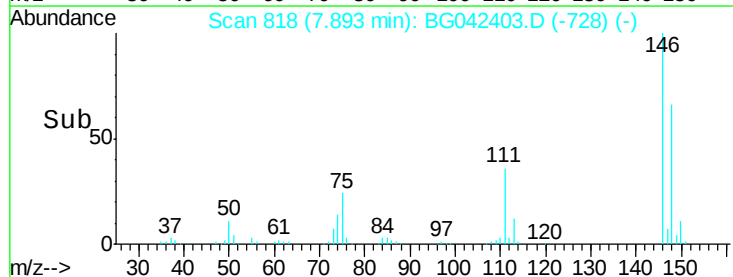
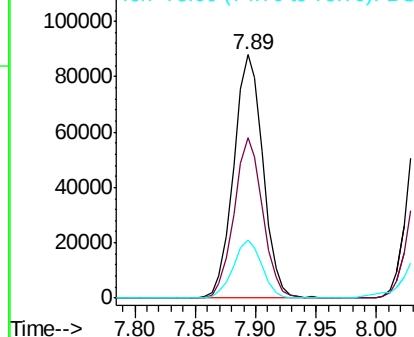


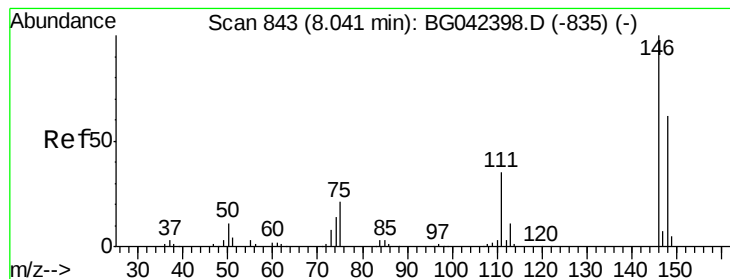
#12  
 1,3-Dichlorobenzene  
 Concen: 40.670 ng  
 RT: 7.89 min Scan# 818  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 148202 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 66.0  | 52.2  | 78.2   |
| 75       | 23.9  | 18.0  | 27.0   |



Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 40.682 ng

RT: 8.04 min Scan# 843

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

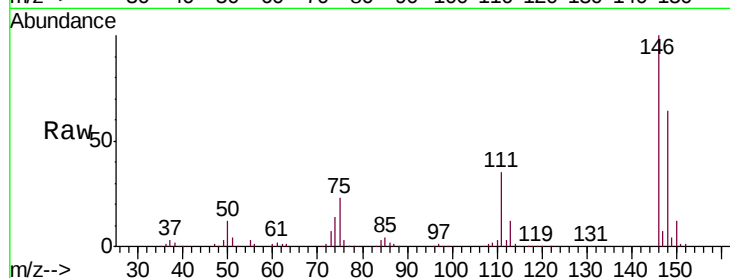
Tgt Ion:146 Resp: 150163

Ion Ratio Lower Upper

146 100

148 64.4 49.5 74.3

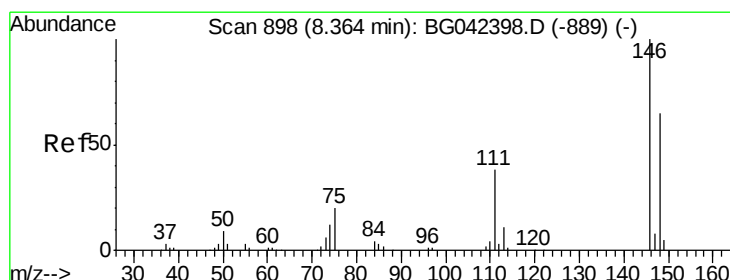
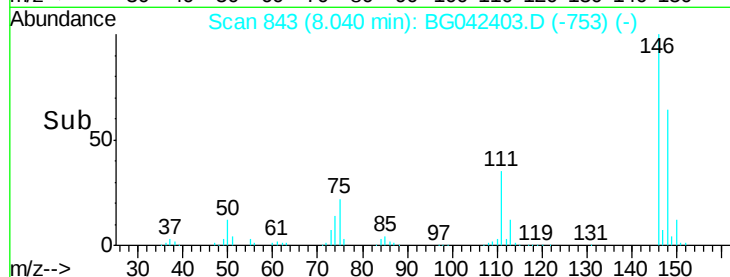
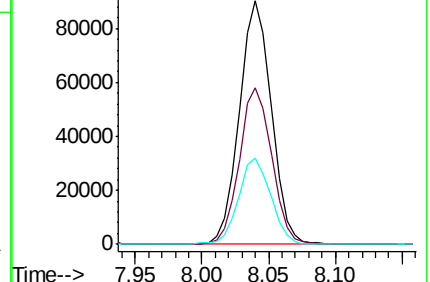
111 35.3 28.1 42.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.922 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

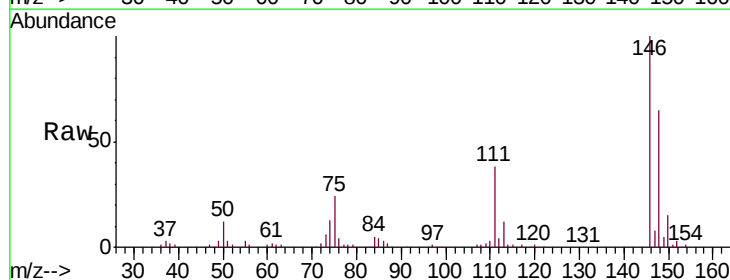
Tgt Ion:146 Resp: 144653

Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.6

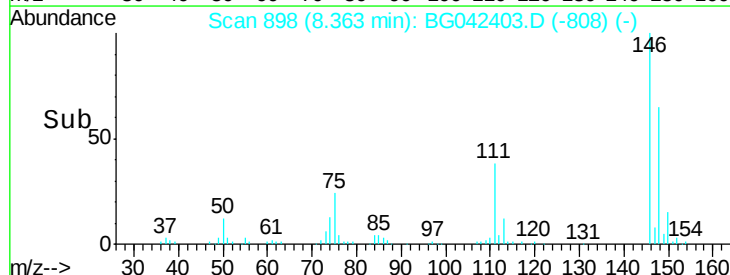
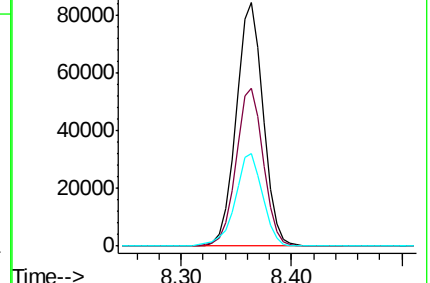
111 37.8 30.9 46.3



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: 40.426 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

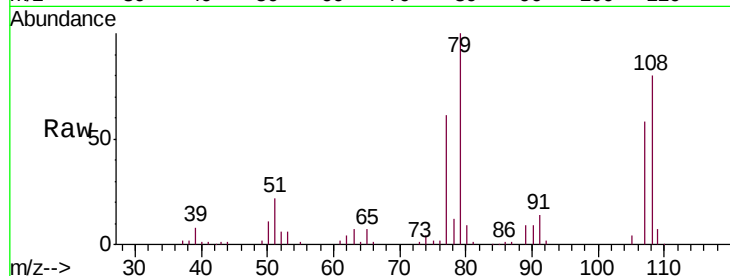
Tgt Ion: 79 Resp: 92857

Ion Ratio Lower Upper

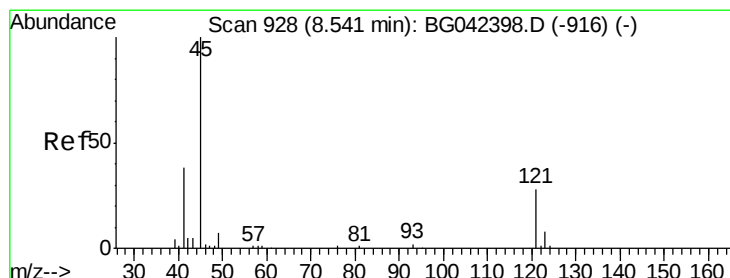
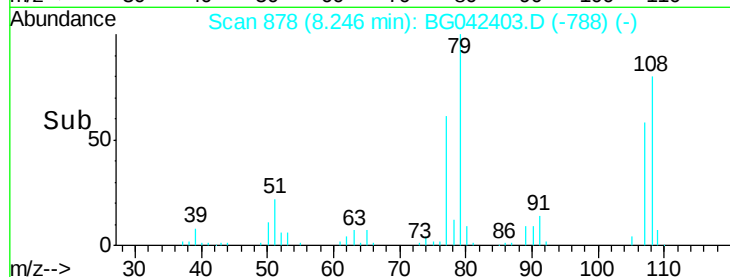
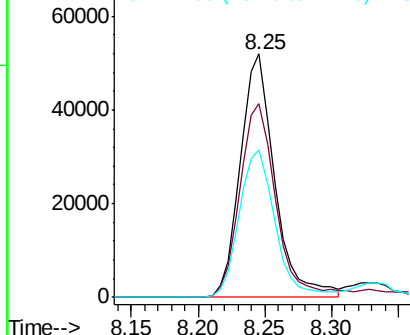
79 100

108 79.7 67.4 101.2

77 60.8 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BGC  
Ion 108.00 (107.70 to 108.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.247 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

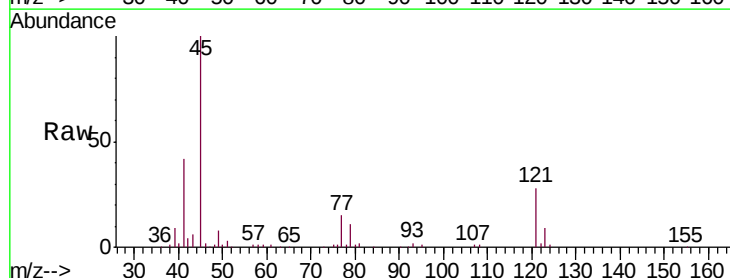
Tgt Ion: 45 Resp: 139070

Ion Ratio Lower Upper

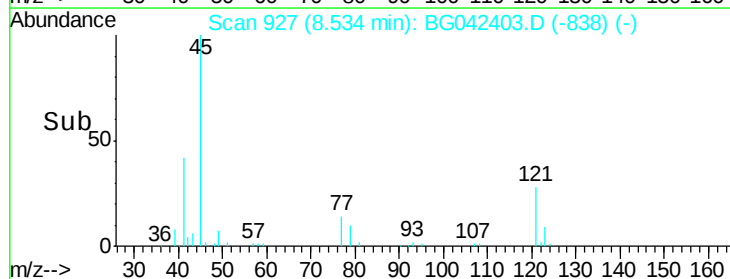
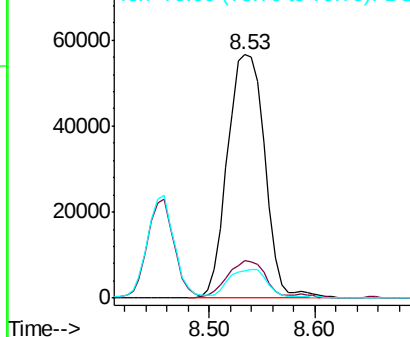
45 100

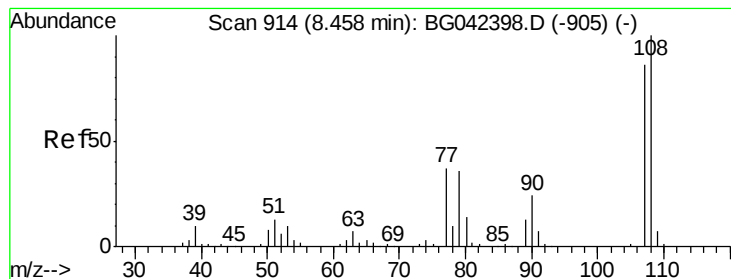
77 15.2 0.0 35.6

79 11.2 0.0 31.6



Abundance Ion 45.00 (44.70 to 45.70): BGC  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.928 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

Tgt Ion:107 Resp: 95466

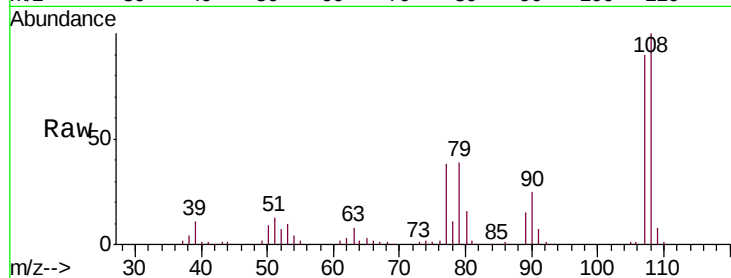
Ion Ratio Lower Upper

107 100

108 111.1 92.9 139.3

77 41.7 34.4 51.6

79 43.1 33.8 50.6

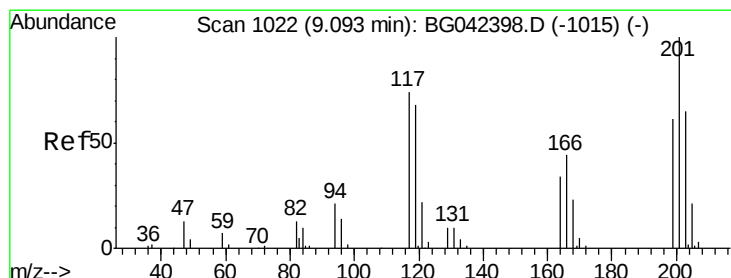
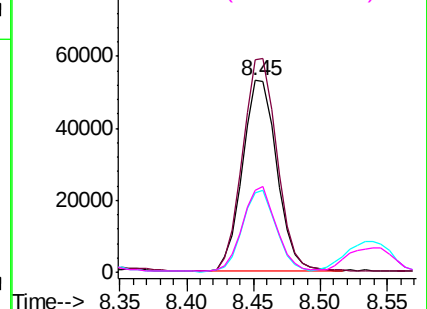
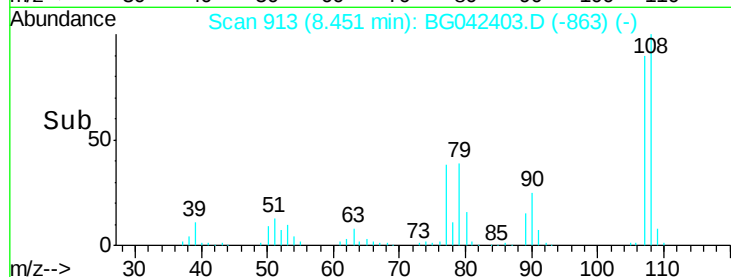


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.709 ng

RT: 9.10 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

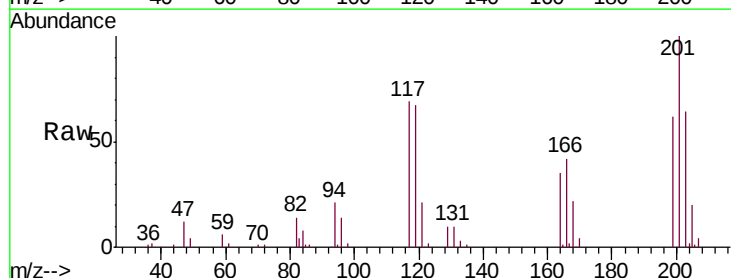
Tgt Ion:117 Resp: 51441

Ion Ratio Lower Upper

117 100

119 97.0 73.8 110.8

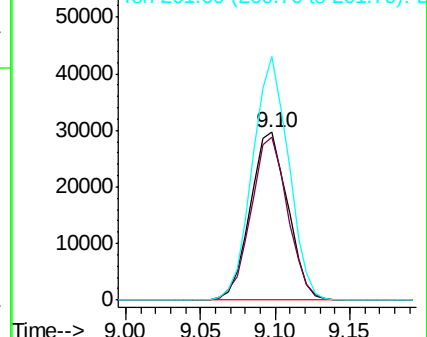
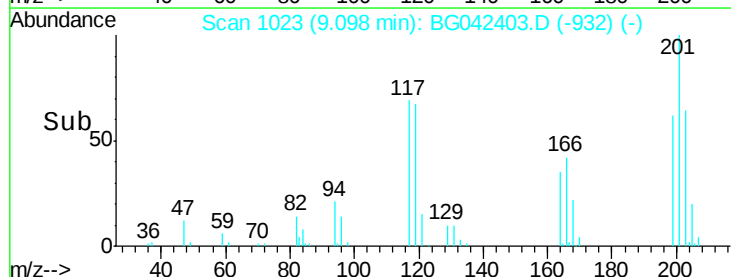
201 144.9 108.3 162.5

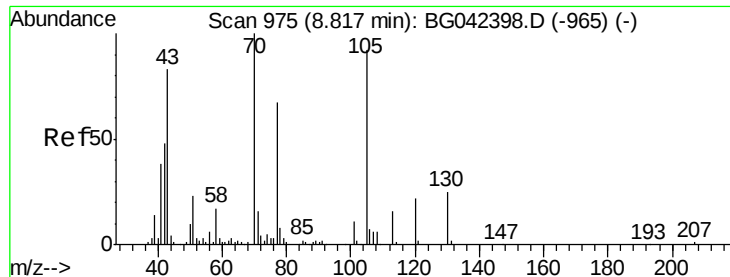


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

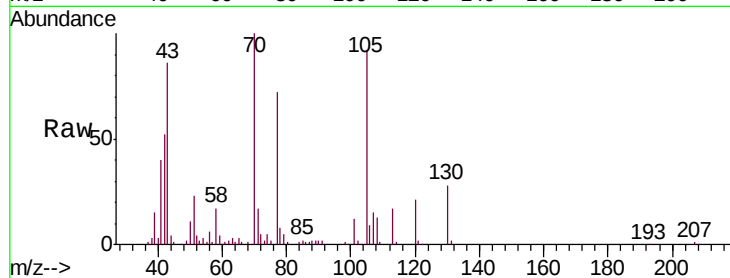




#19  
n-Nitroso-di-n-propylamine  
Concen: 40.175 ng  
RT: 8.82 min Scan# 975  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082219

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 83099 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 51.7  | 38.8  | 58.2  |
| 101      | 11.8  | 9.0   | 13.6  |
| 130      | 27.6  | 20.0  | 30.0  |



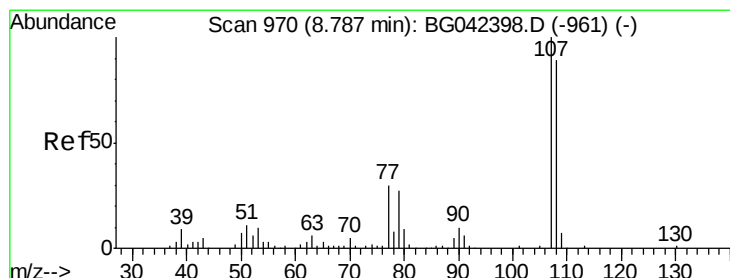
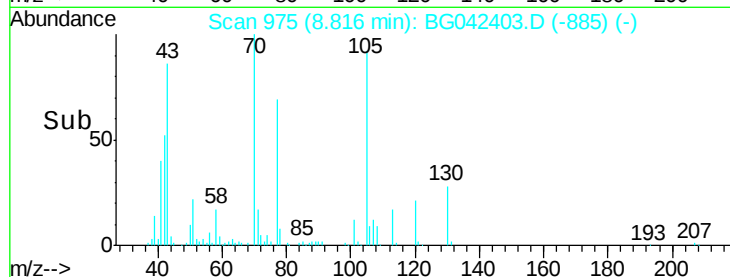
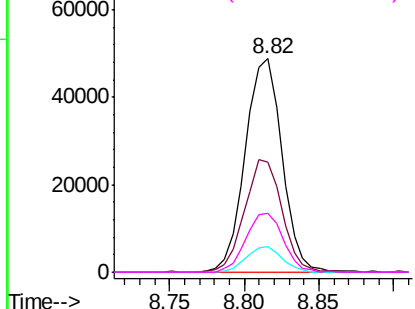
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

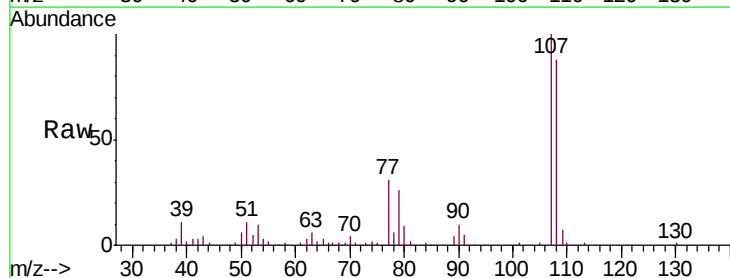
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20  
3+4-Methylphenols  
Concen: 40.640 ng  
RT: 8.79 min Scan# 970  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 134457 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.2  | 68.7  | 108.7  |
| 77       | 31.0  | 10.2  | 50.2   |
| 79       | 25.8  | 6.9   | 46.9   |



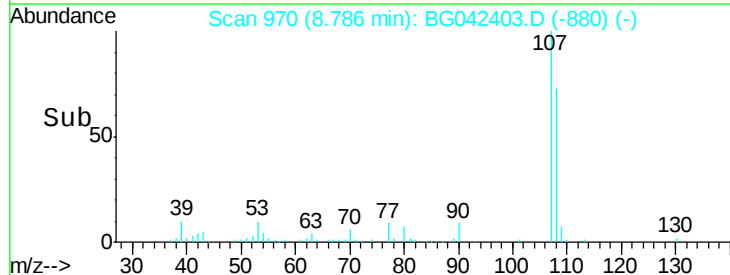
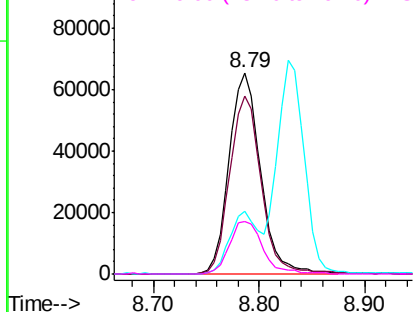
Abundance

Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

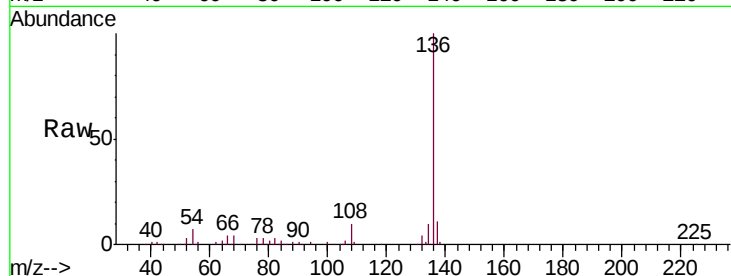




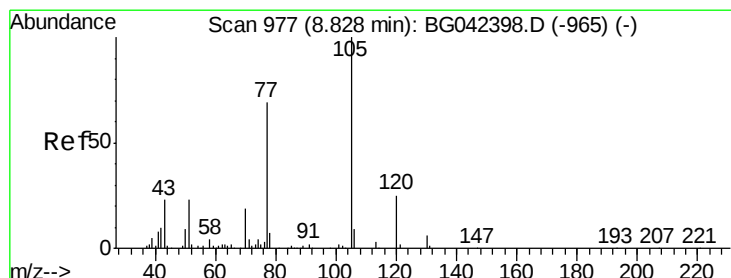
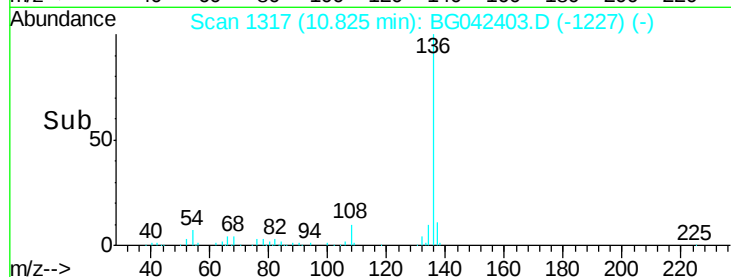
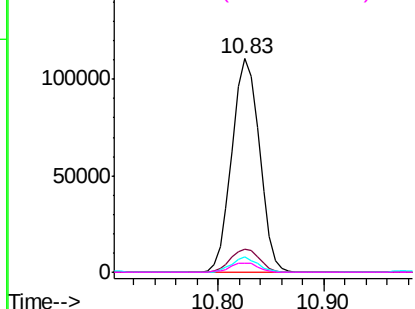
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.83 min Scan# 1317  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082219

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 200401 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.7   | 13.1   |
| 54       | 7.1   | 4.9   | 7.3    |
| 68       | 4.3   | 3.6   | 5.4    |

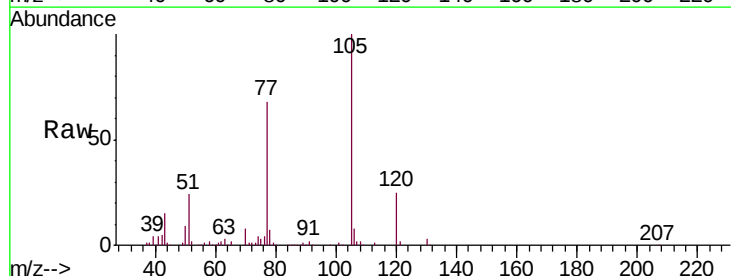


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

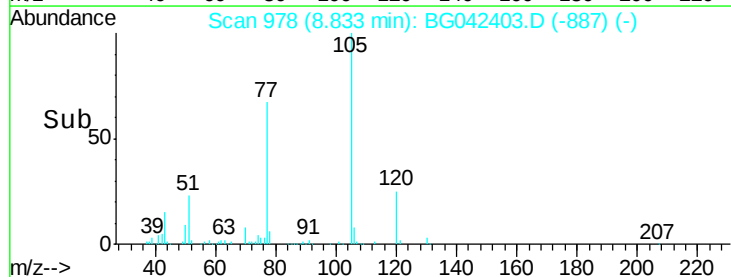
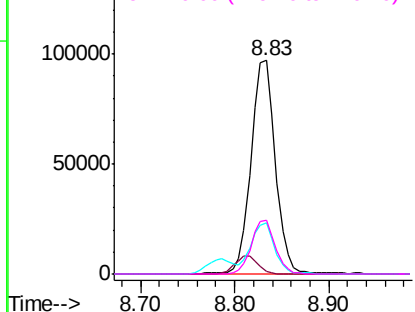


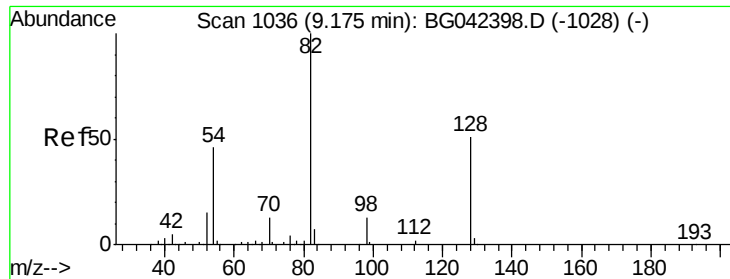
#22  
Acetophenone  
Concen: 40.918 ng  
RT: 8.83 min Scan# 978  
Delta R.T. 0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 175386 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.5   | 2.8   | 4.2#   |
| 51       | 23.9  | 18.7  | 28.1   |
| 120      | 25.0  | 20.1  | 30.1   |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E

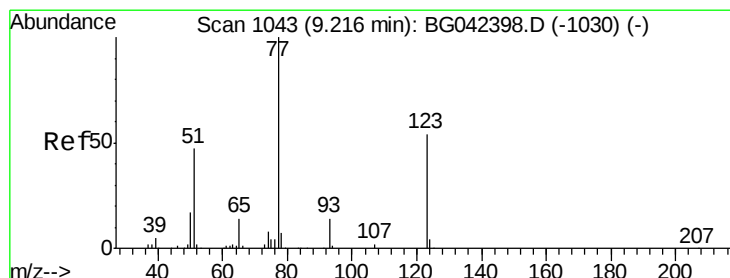
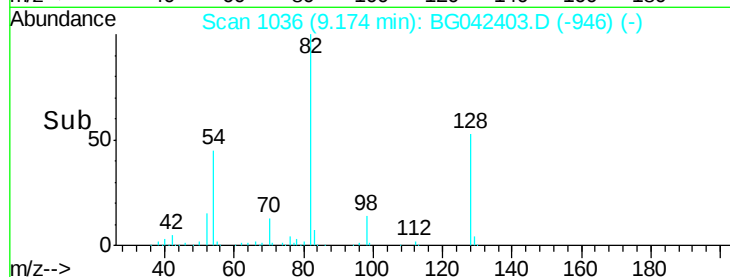
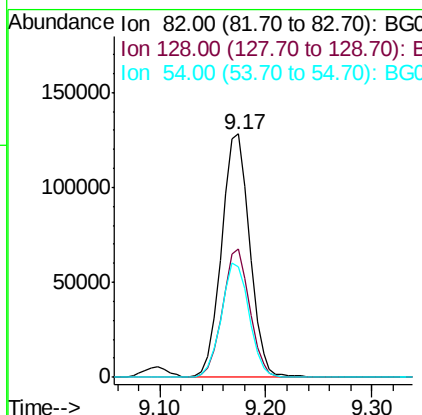
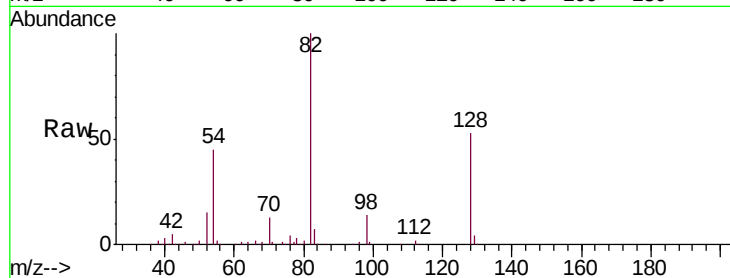




#23  
 Nitrobenzene-d5  
 Concen: 81.383 ng  
 RT: 9.17 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

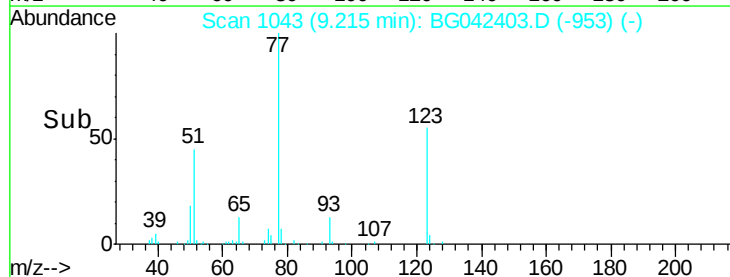
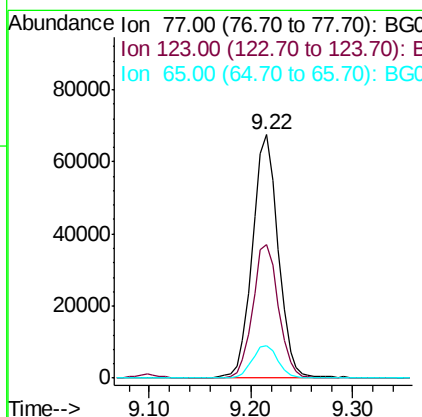
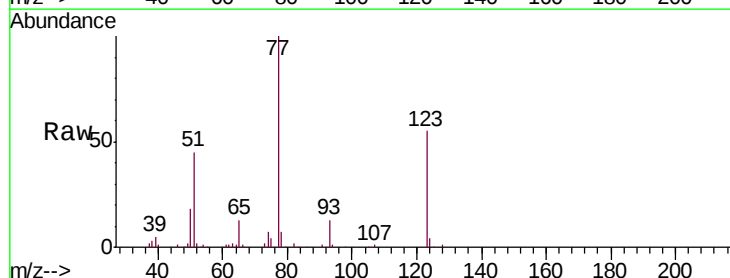
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082219

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 52.8  | 40.7  | 61.1  |
| 54      | 45.3  | 36.3  | 54.5  |



#24  
 Nitrobenzene  
 Concen: 40.677 ng  
 RT: 9.22 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 55.1  | 43.4  | 65.0  |
| 65      | 13.5  | 11.0  | 16.6  |

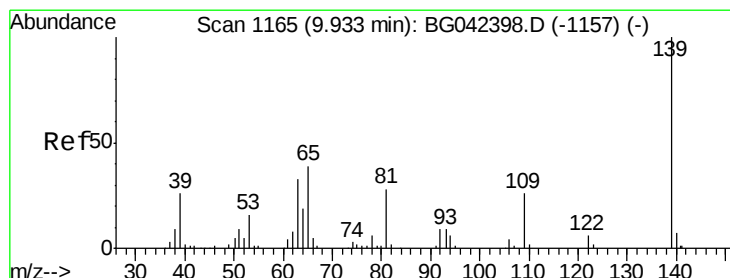
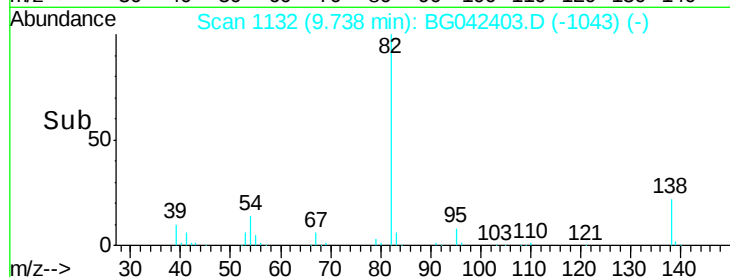
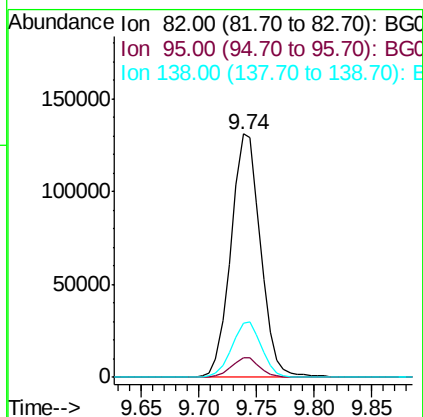
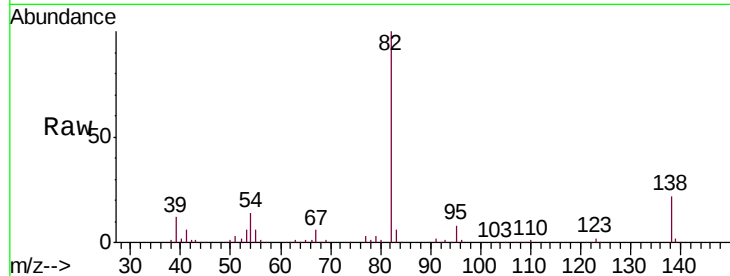




#25  
Isophorone  
Concen: 40.734 ng  
RT: 9.74 min Scan# 1132  
Delta R.T. -0.01 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

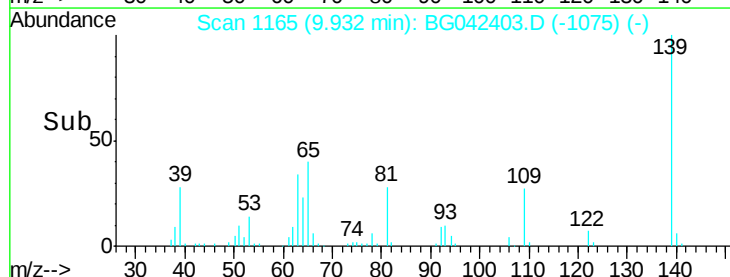
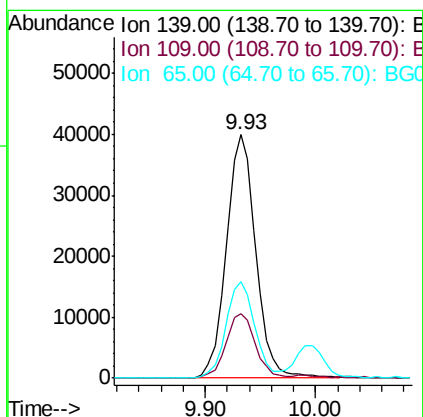
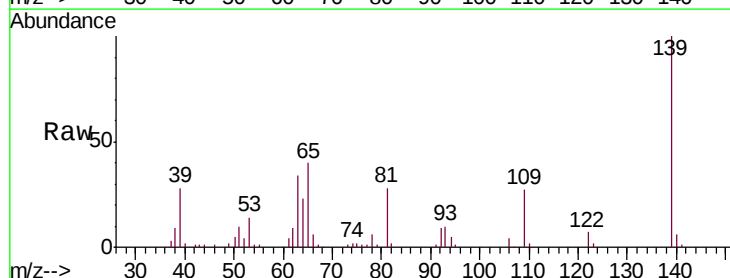
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082219

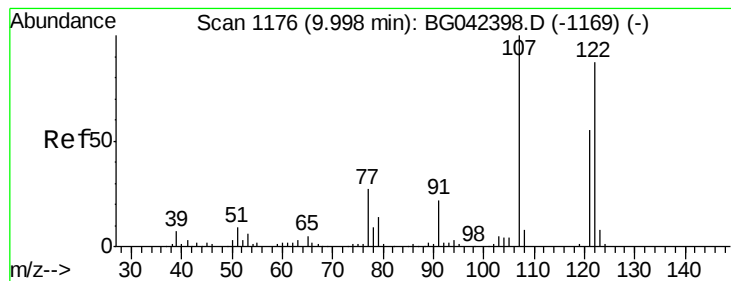
Tgt Ion: 82 Resp: 233131  
Ion Ratio Lower Upper  
82 100  
95 7.9 6.6 9.8  
138 22.2 18.6 27.8



#26  
2-Nitrophenol  
Concen: 40.428 ng  
RT: 9.93 min Scan# 1165  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

Tgt Ion: 139 Resp: 74399  
Ion Ratio Lower Upper  
139 100  
109 26.7 20.5 30.7  
65 39.8 30.9 46.3





#27

2,4-Dimethylphenol

Concen: 40.707 ng

RT: 10.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

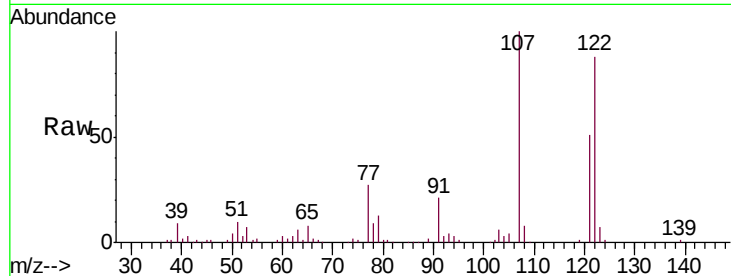
Tgt Ion:122 Resp: 103194

Ion Ratio Lower Upper

122 100

107 113.5 90.8 136.2

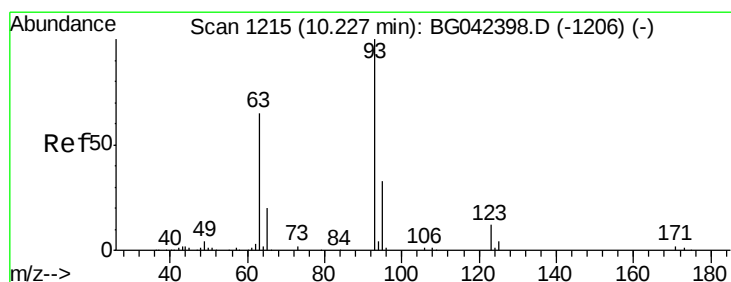
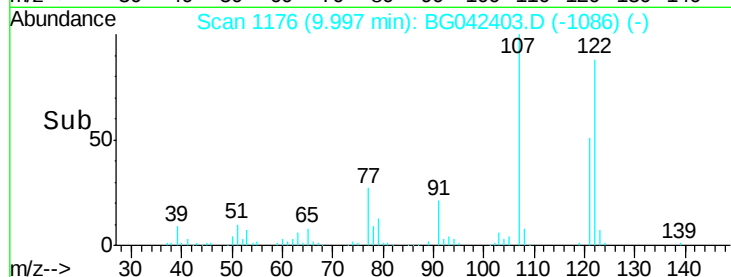
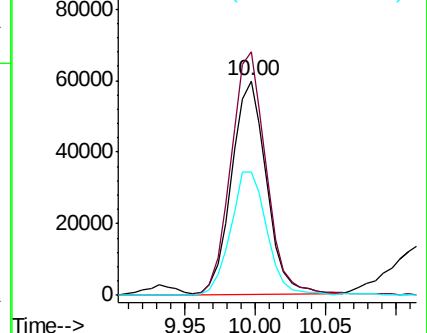
121 57.5 49.6 74.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.995 ng

RT: 10.23 min Scan# 1215

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

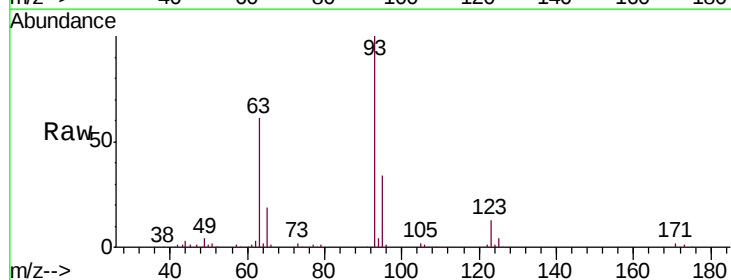
Tgt Ion: 93 Resp: 147879

Ion Ratio Lower Upper

93 100

95 34.5 26.6 40.0

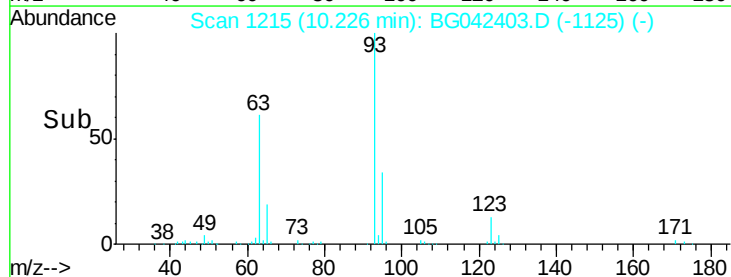
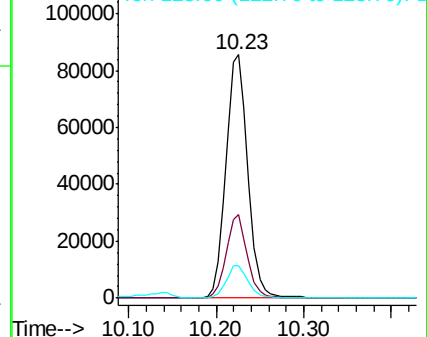
123 13.3 10.1 15.1



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

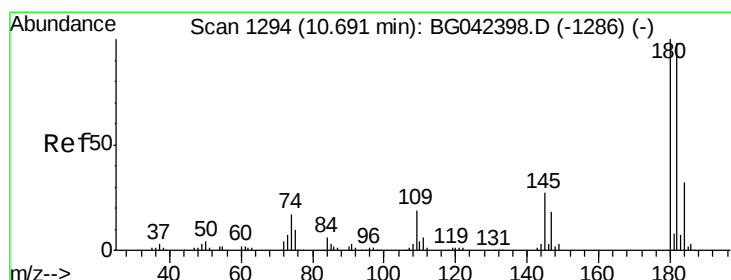
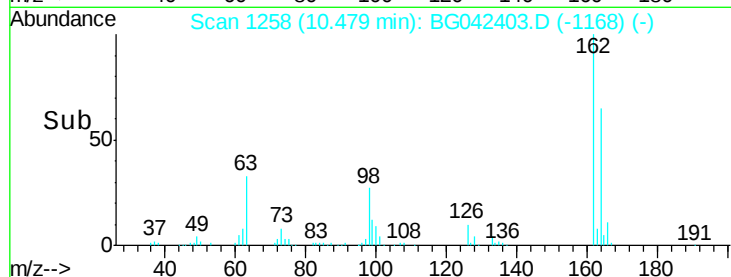
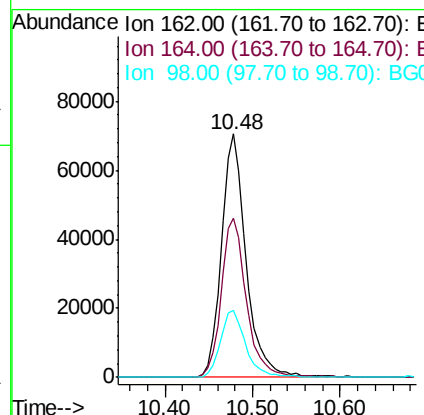
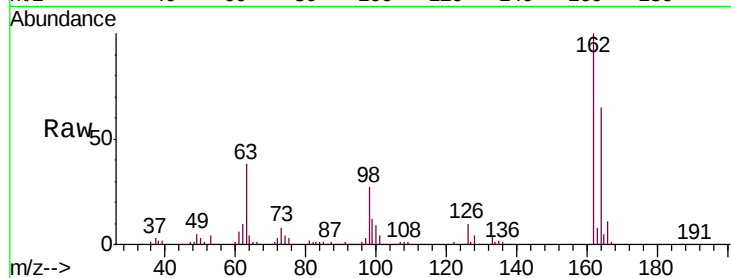




#29  
 2,4-Dichlorophenol  
 Concen: 41.410 ng  
 RT: 10.48 min Scan# 1258  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

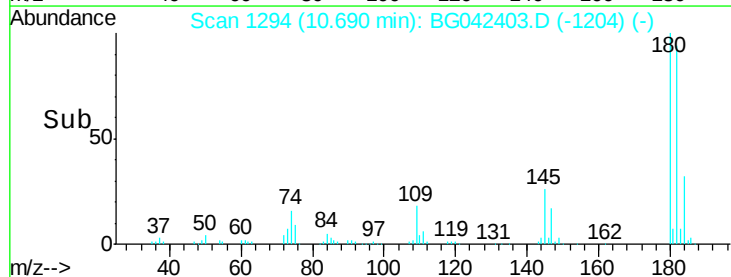
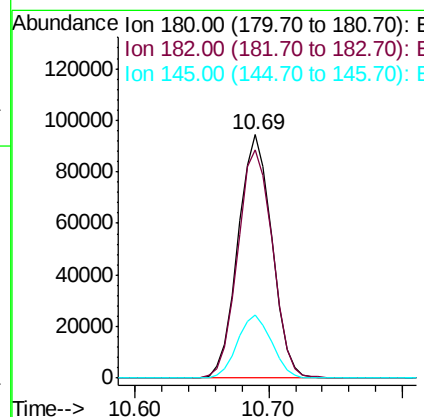
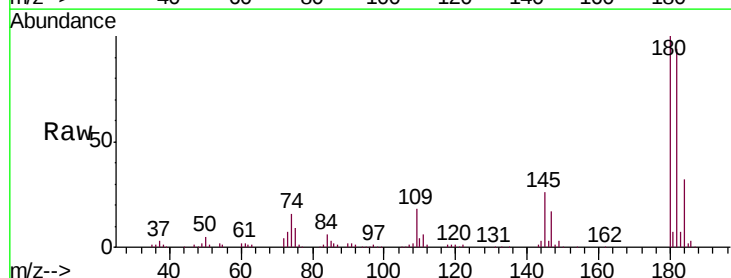
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082219

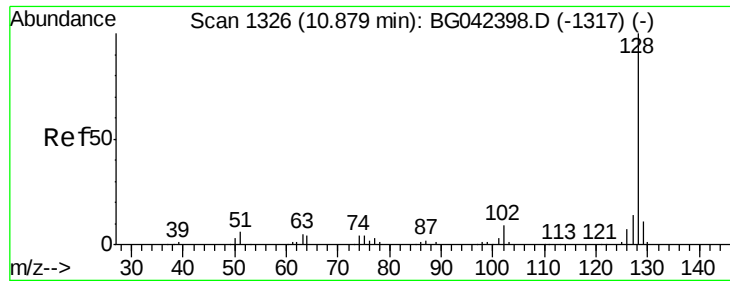
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.4  | 48.1  | 88.1  |
| 98      | 27.5  | 7.6   | 47.6  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.777 ng  
 RT: 10.69 min Scan# 1294  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.0  | 78.7  | 118.1 |
| 145     | 26.2  | 21.6  | 32.4  |

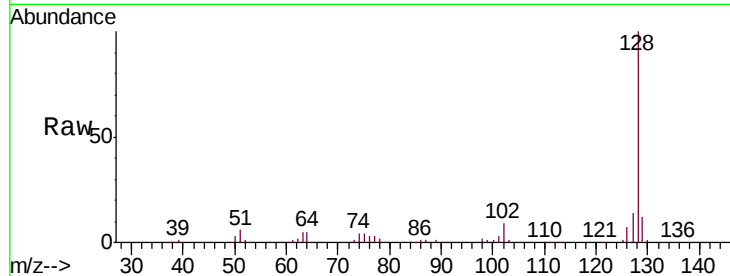




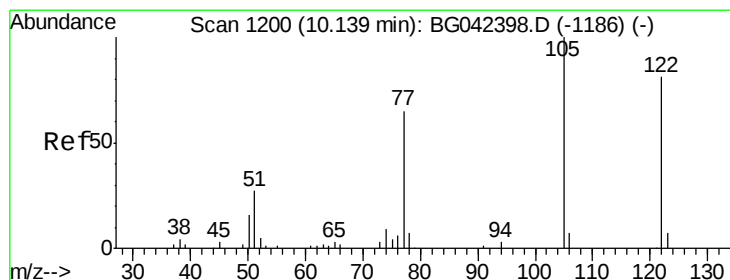
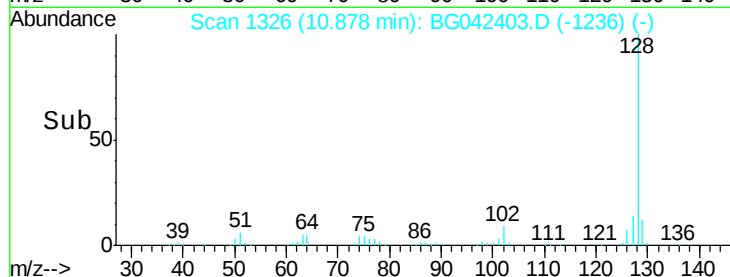
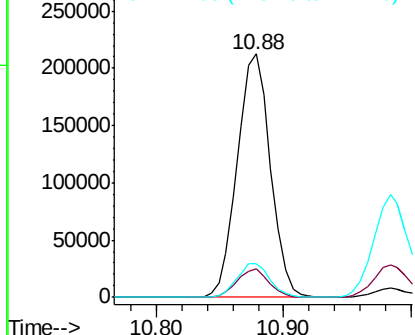
#31  
Naphthalene  
Concen: 41.475 ng  
RT: 10.88 min Scan# 1326  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082219

Tgt Ion:128 Resp: 385884  
Ion Ratio Lower Upper  
128 100  
129 11.8 8.8 13.2  
127 13.7 11.4 17.0

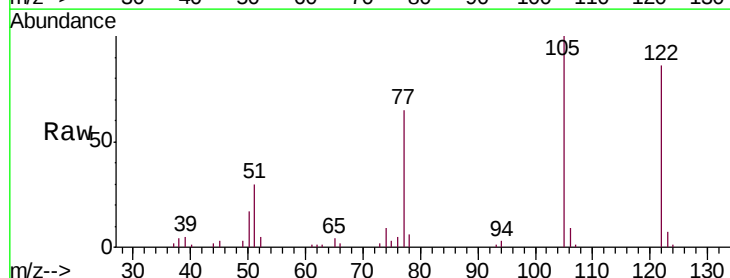


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

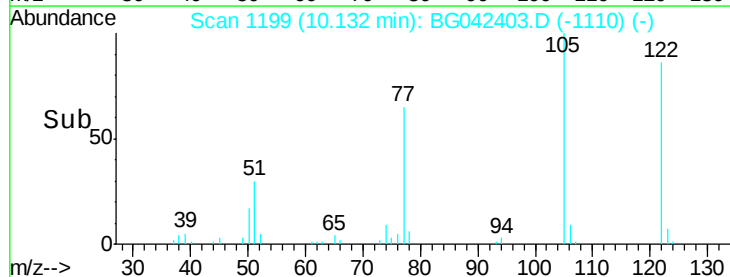
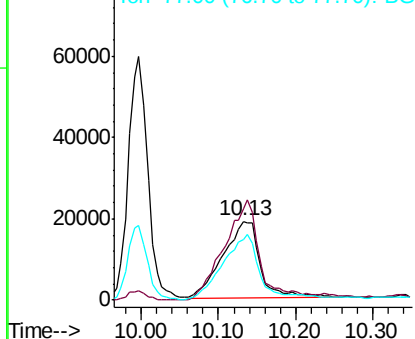


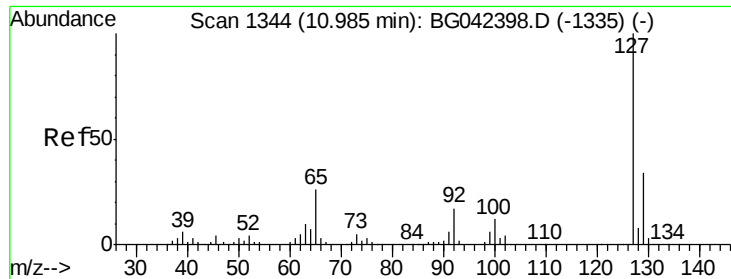
#32  
Benzoic acid  
Concen: 37.393 ng  
RT: 10.13 min Scan# 1199  
Delta R.T. -0.01 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

Tgt Ion:122 Resp: 64793  
Ion Ratio Lower Upper  
122 100  
105 116.2 99.6 139.6  
77 75.9 59.5 99.5



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

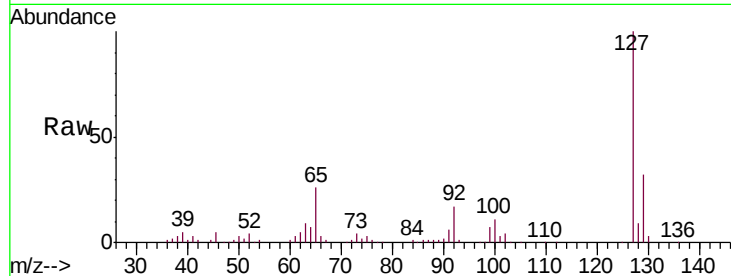




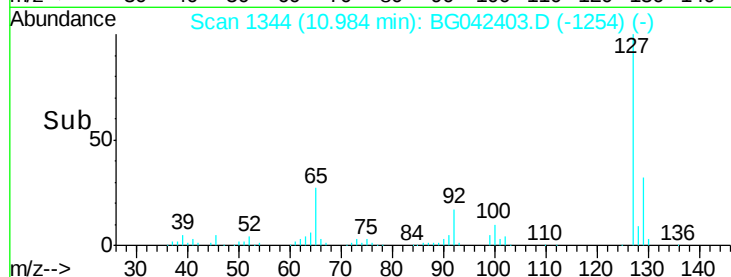
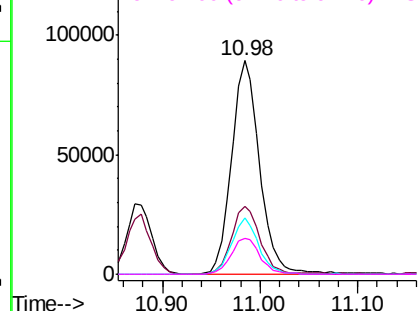
#33  
4-Chloroaniline  
Concen: 41.461 ng  
RT: 10.98 min Scan# 1344  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082219

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 178075 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.5  | 26.8  | 40.2   |
| 65       | 26.5  | 20.7  | 31.1   |
| 92       | 16.9  | 13.6  | 20.4   |

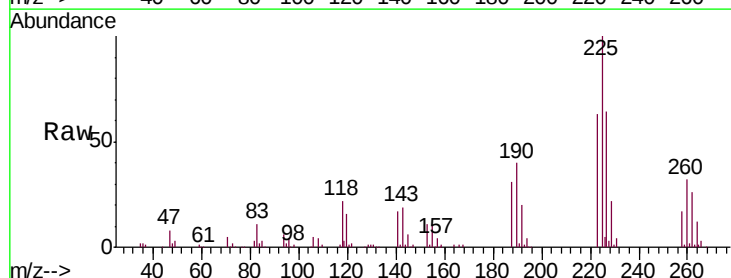


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

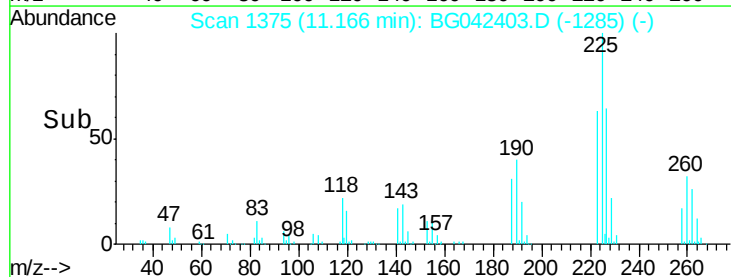
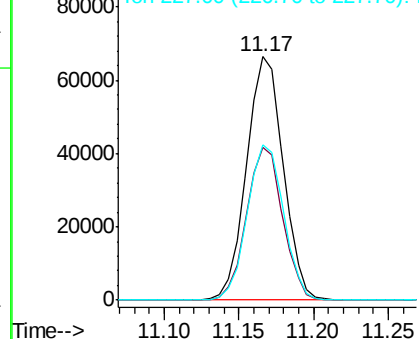


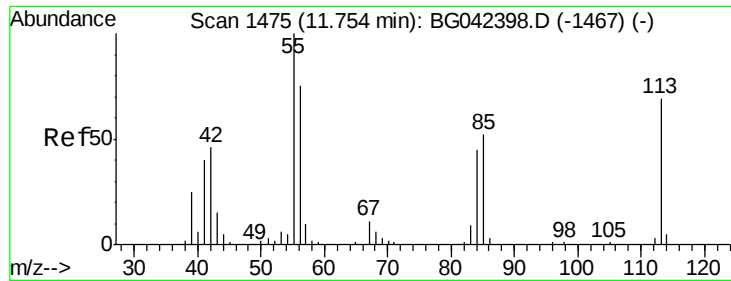
#34  
Hexachlorobutadiene  
Concen: 41.106 ng  
RT: 11.17 min Scan# 1375  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 112465 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.0  | 49.8  | 74.6   |
| 227      | 64.0  | 50.9  | 76.3   |



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: 40.848 ng

RT: 11.75 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

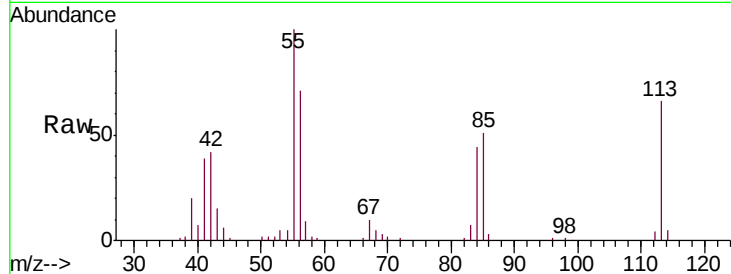
Tgt Ion:113 Resp: 45207

Ion Ratio Lower Upper

113 100

55 152.6 124.6 164.6

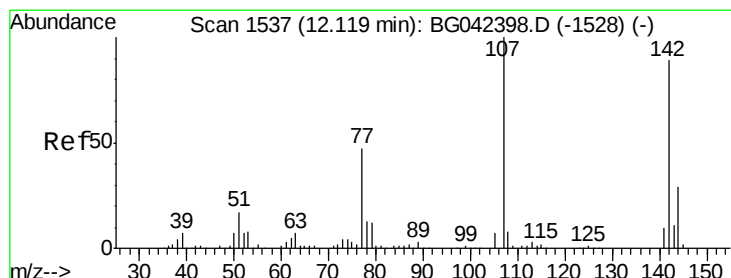
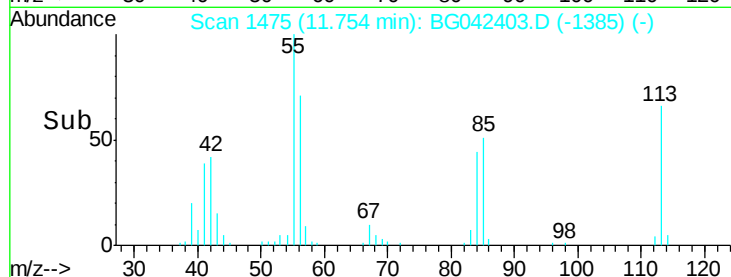
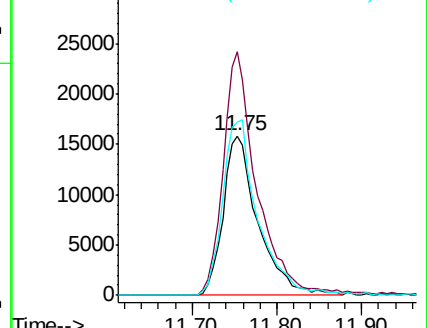
56 108.5 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 41.270 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

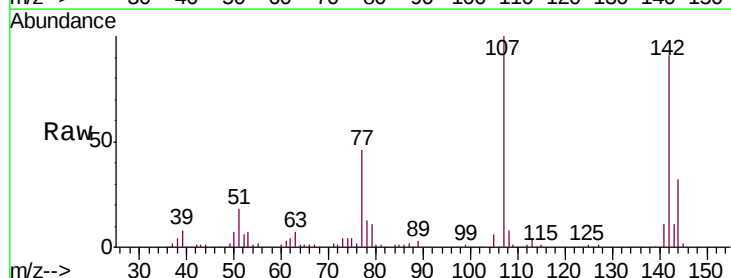
Tgt Ion:107 Resp: 129939

Ion Ratio Lower Upper

107 100

144 32.1 23.6 35.4

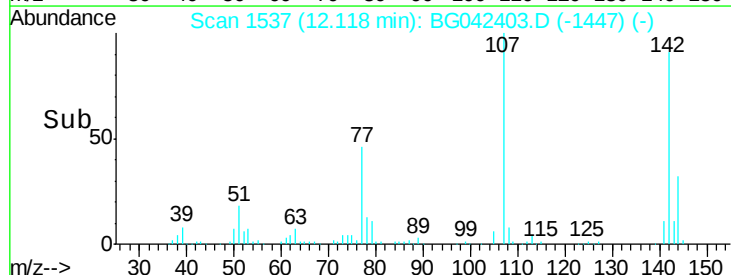
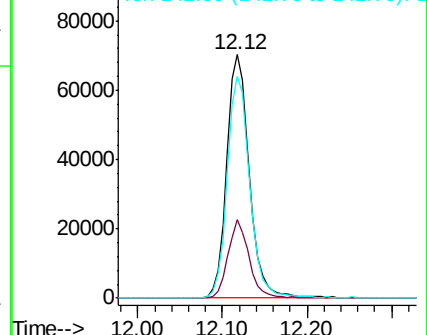
142 91.2 71.0 106.4



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

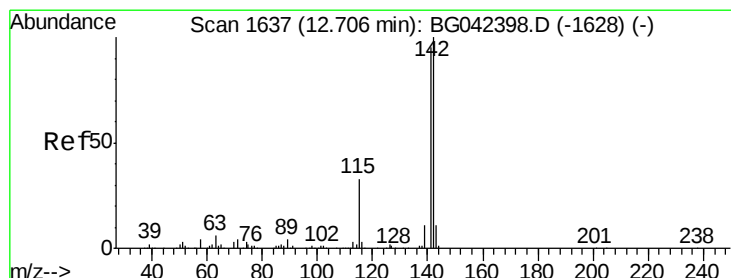
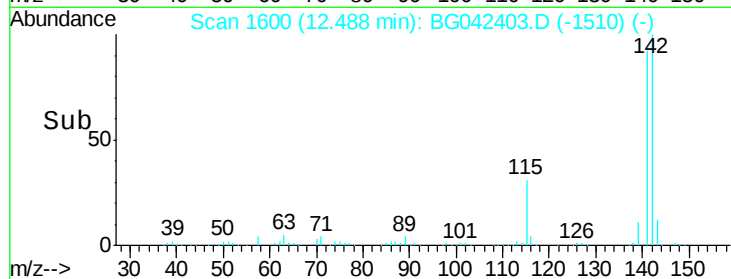
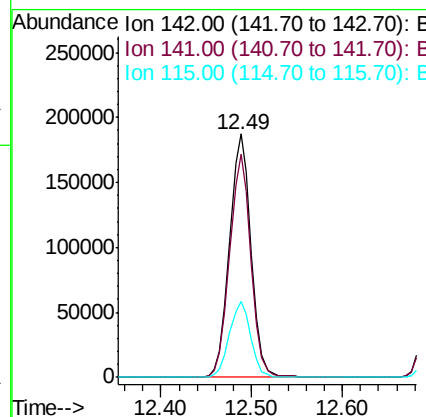
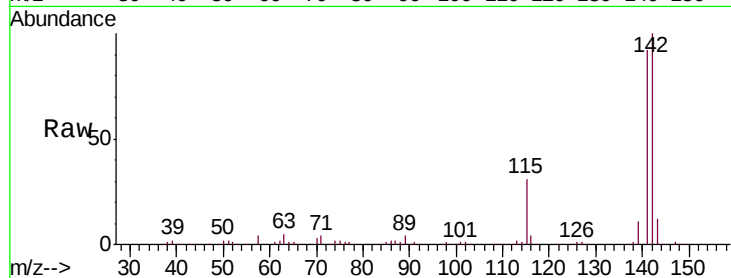




#37  
 2-Methylnaphthalene  
 Concen: 41.095 ng  
 RT: 12.49 min Scan# 1600  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

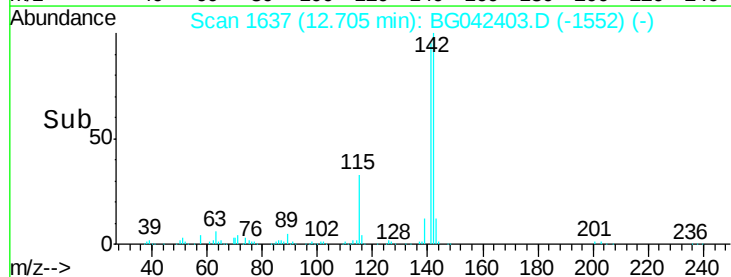
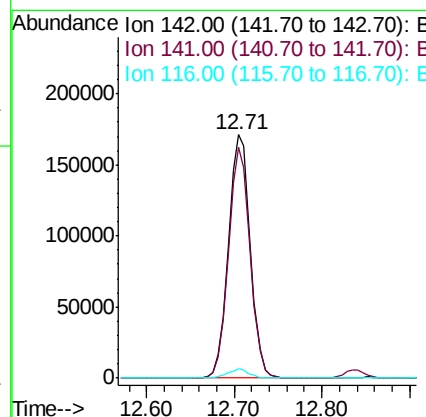
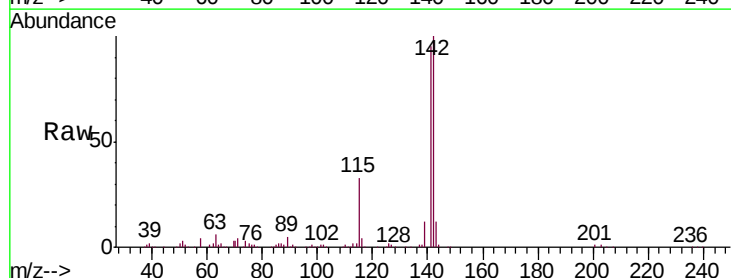
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082219

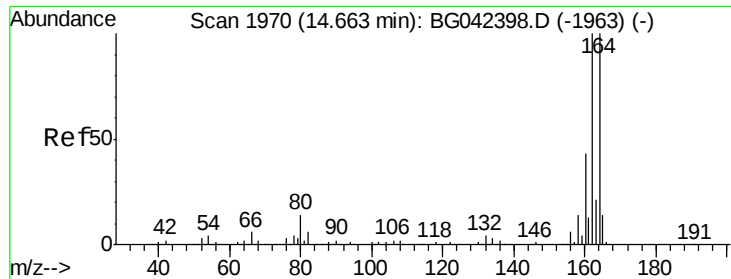
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 91.8  | 71.4  | 107.2 |
| 115     | 31.4  | 25.2  | 37.8  |



#38  
 1-Methylnaphthalene  
 Concen: 41.362 ng  
 RT: 12.71 min Scan# 1637  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 94.8  | 76.2  | 114.2 |
| 116     | 3.6   | 2.8   | 4.2   |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

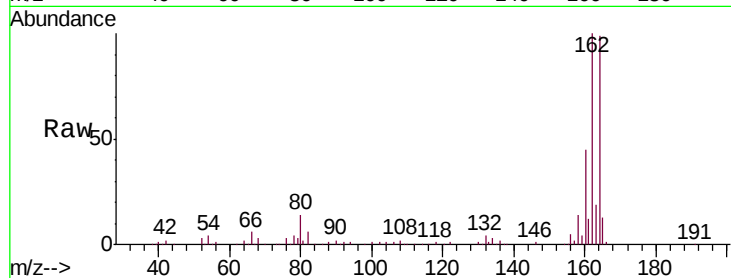
Tgt Ion:164 Resp: 150191

Ion Ratio Lower Upper

164 100

162 101.3 79.9 119.9

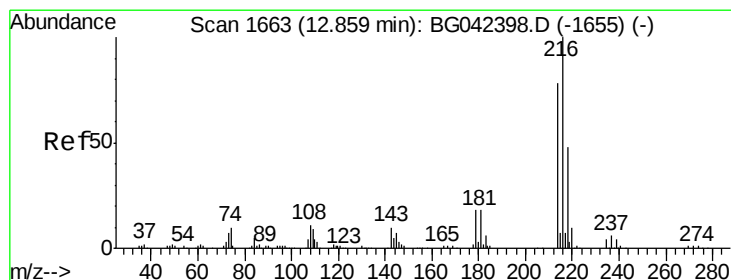
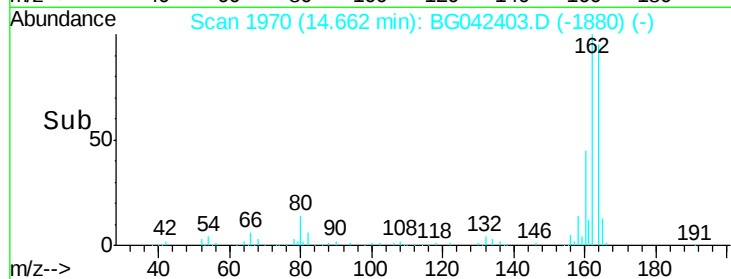
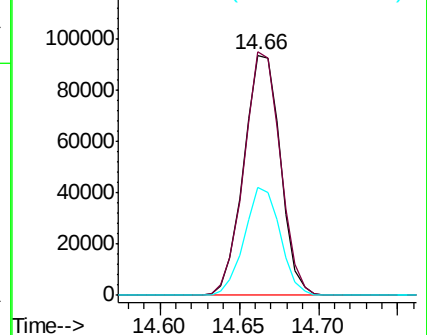
160 45.2 34.3 51.5



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: 40.969 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Tgt Ion:216 Resp: 197600

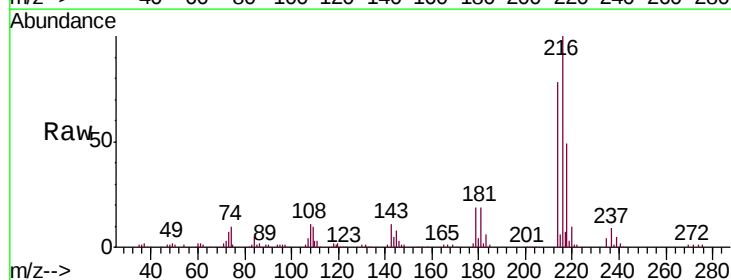
Ion Ratio Lower Upper

216 100

214 76.7 61.4 92.2

179 18.9 15.1 22.7

108 11.9 9.4 14.0

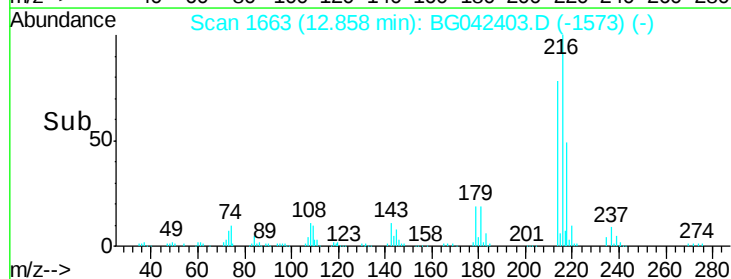
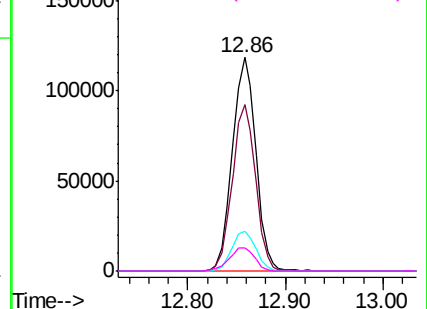


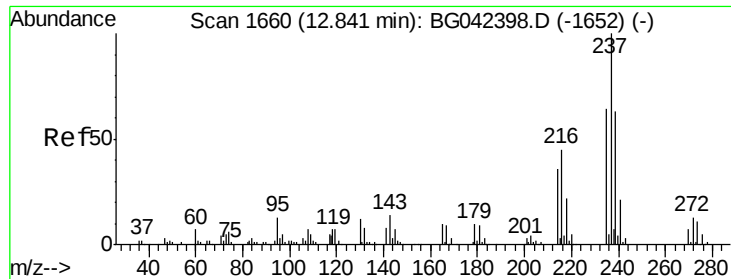
Abundance Ion 216.00 (215.70 to 216.70): E

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: 39.383 ng

RT: 12.83 min Scan# 1659

Delta R.T. -0.01 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

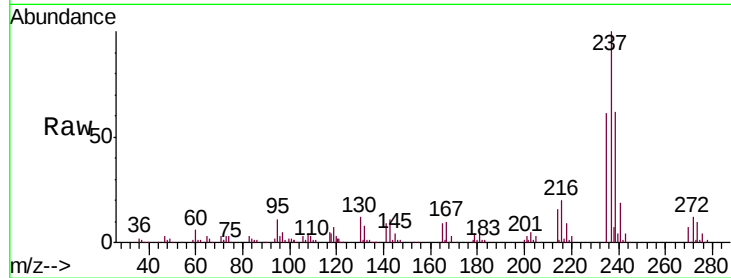
Tgt Ion:237 Resp: 99778

Ion Ratio Lower Upper

237 100

235 61.2 43.7 83.7

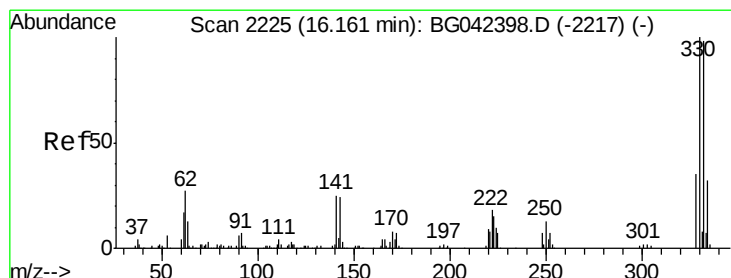
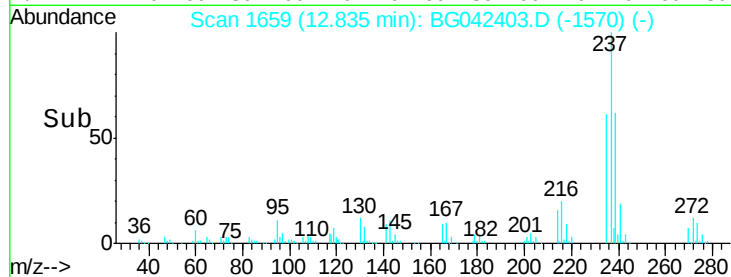
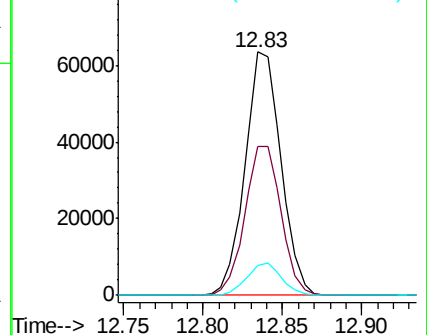
272 12.4 0.0 33.3



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: 83.715 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

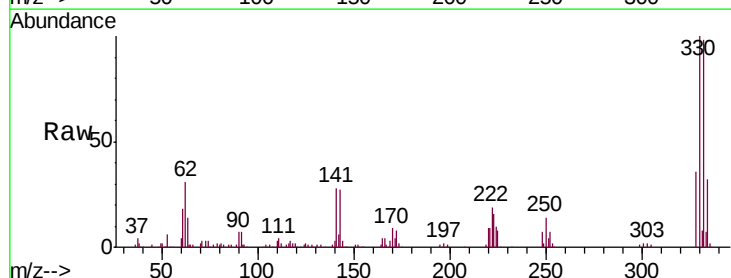
Tgt Ion:330 Resp: 178708

Ion Ratio Lower Upper

330 100

332 97.6 77.4 116.0

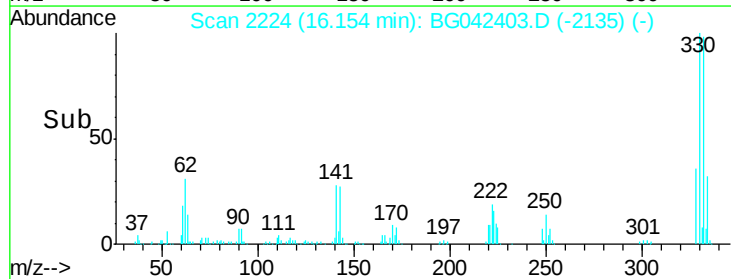
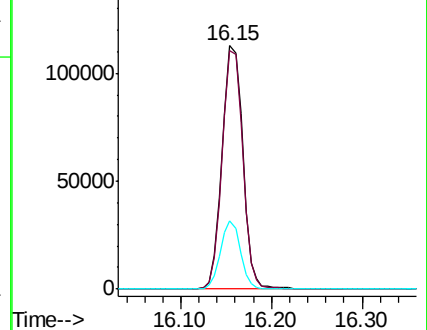
141 27.1 21.4 32.0



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

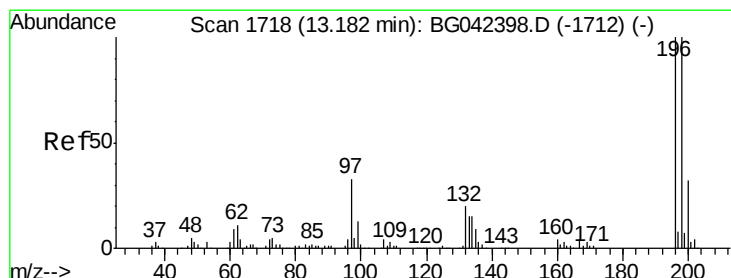
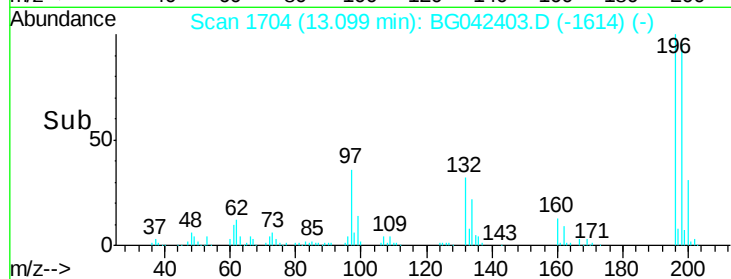
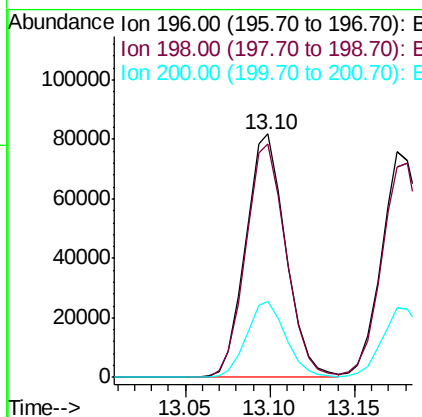
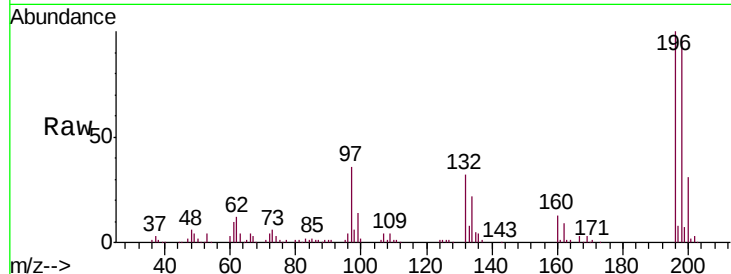




#43  
 2,4,6-Trichlorophenol  
 Concen: 41.296 ng  
 RT: 13.10 min Scan# 1704  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

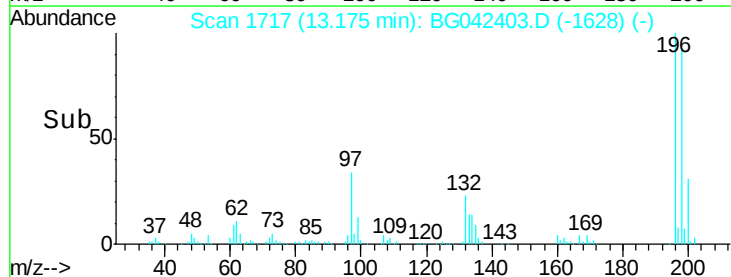
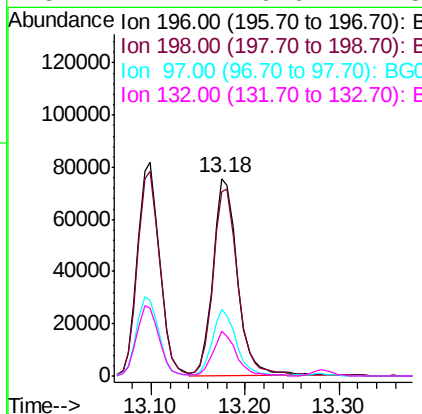
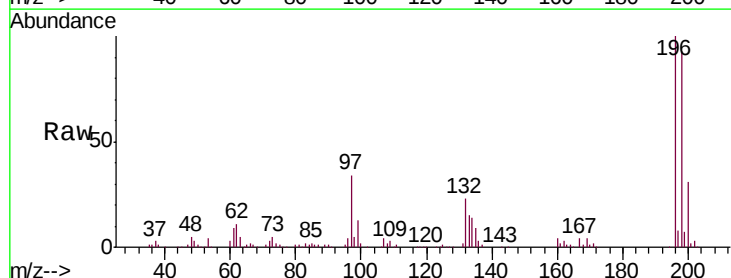
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082219

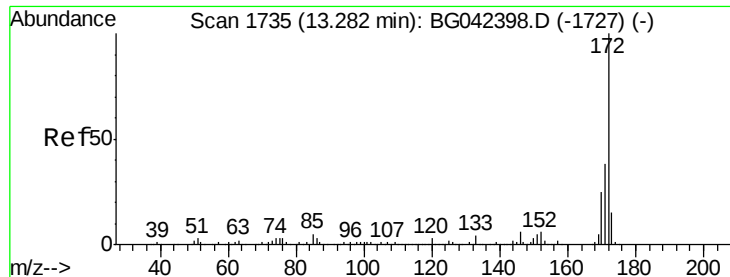
Tgt Ion:196 Resp: 134631  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 80.7 121.1  
 200 31.4 25.7 38.5



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.895 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. -0.01 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

Tgt Ion:196 Resp: 138160  
 Ion Ratio Lower Upper  
 196 100  
 198 93.4 80.2 120.4  
 97 33.5 26.3 39.5  
 132 22.7 16.6 24.8

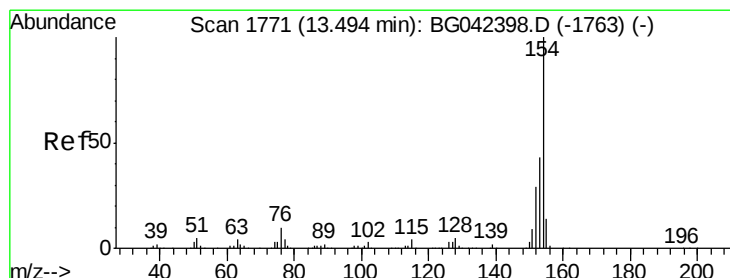
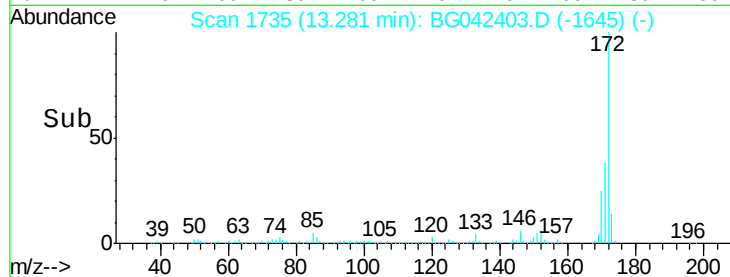
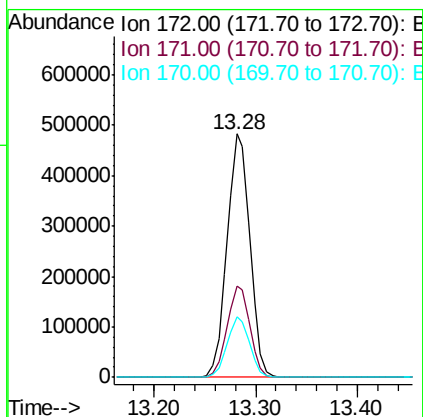
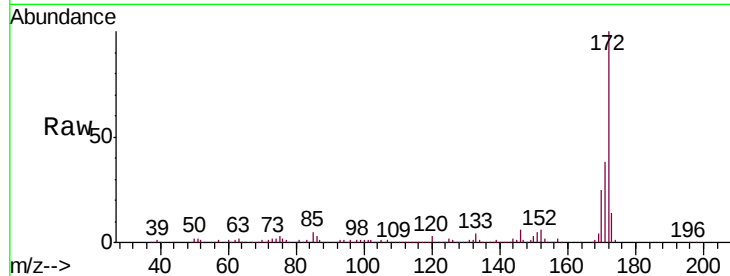




#45  
 2-Fluorobiphenyl  
 Concen: 84.724 ng  
 RT: 13.28 min Scan# 1735  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

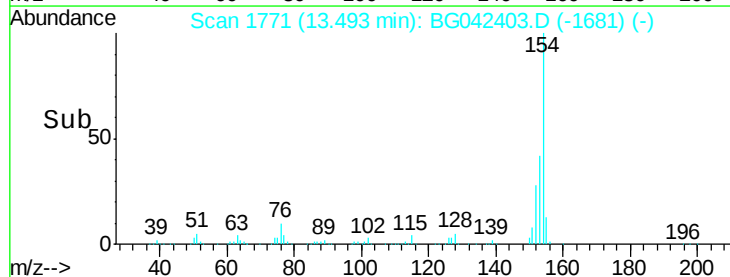
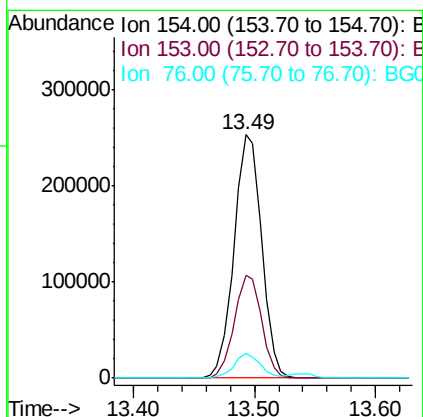
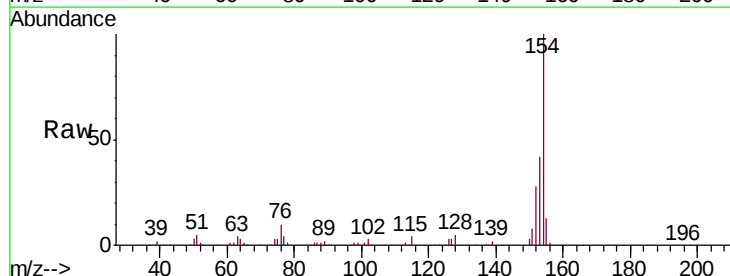
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082219

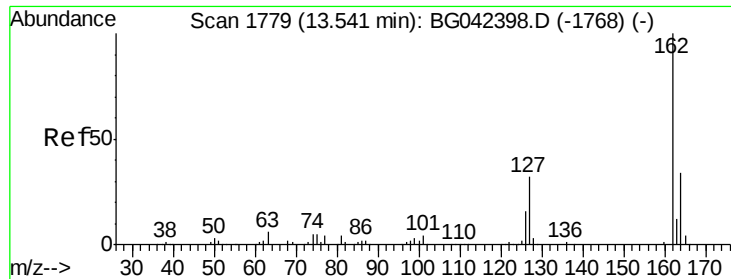
Tgt Ion:172 Resp: 752370  
 Ion Ratio Lower Upper  
 172 100  
 171 37.6 30.5 45.7  
 170 24.8 20.2 30.2



#46  
 1,1'-Biphenyl  
 Concen: 41.696 ng  
 RT: 13.49 min Scan# 1771  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

Tgt Ion:154 Resp: 404800  
 Ion Ratio Lower Upper  
 154 100  
 153 42.2 23.0 63.0  
 76 10.1 0.0 29.6

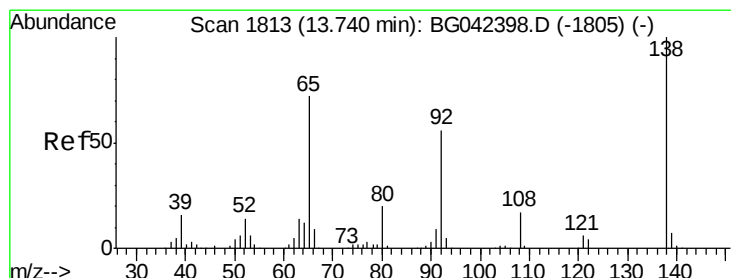
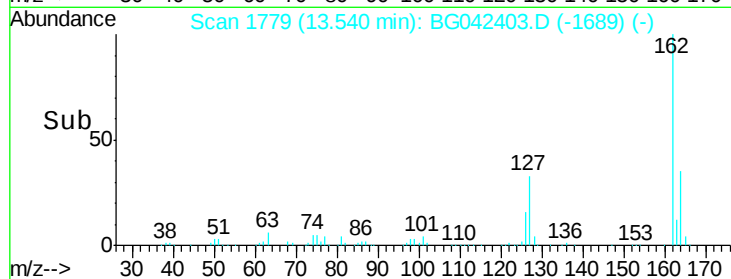
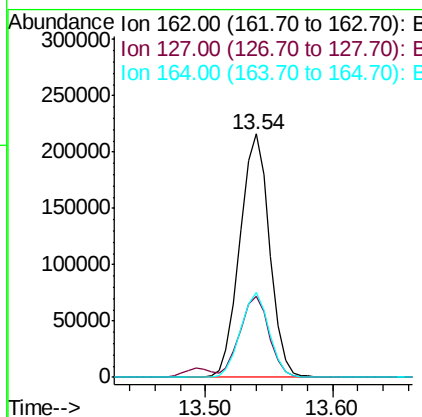
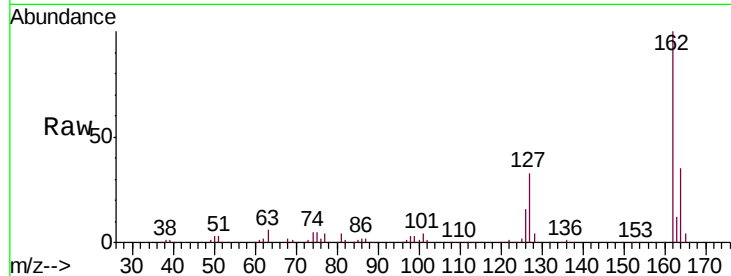




#47  
 2-Chloronaphthalene  
 Concen: 41.780 ng  
 RT: 13.54 min Scan# 1779  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

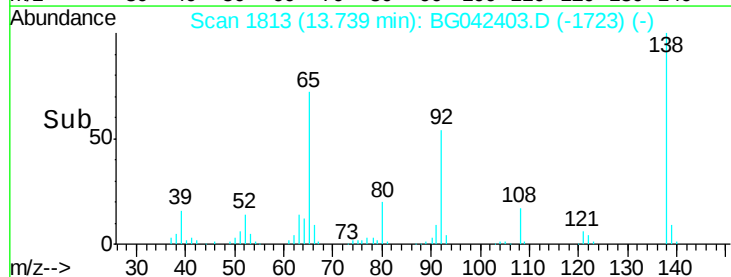
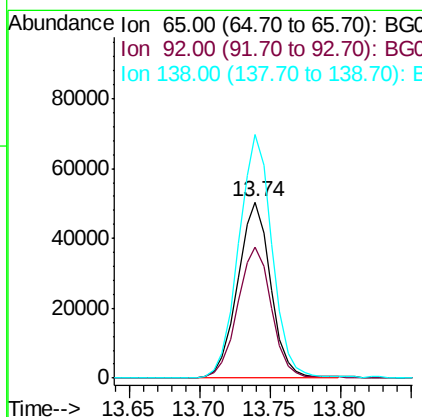
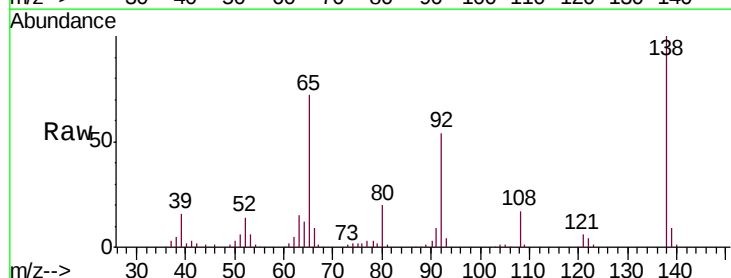
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082219

Tgt Ion: 162 Resp: 349753  
 Ion Ratio Lower Upper  
 162 100  
 127 33.3 26.0 39.0  
 164 35.0 27.4 41.0



#48  
 2-Nitroaniline  
 Concen: 40.998 ng  
 RT: 13.74 min Scan# 1813  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

Tgt Ion: 65 Resp: 82762  
 Ion Ratio Lower Upper  
 65 100  
 92 74.3 61.8 92.6  
 138 138.0 111.0 166.6





#49

Acenaphthylene

Concen: 42.442 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

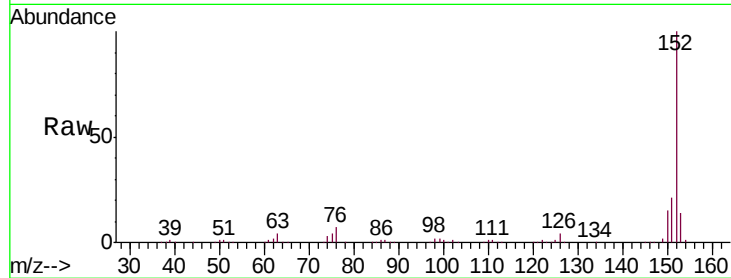
Tgt Ion:152 Resp: 534519

Ion Ratio Lower Upper

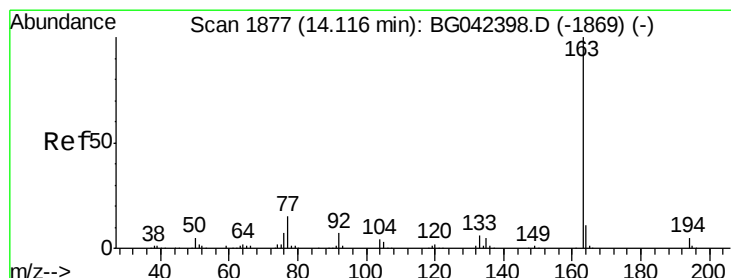
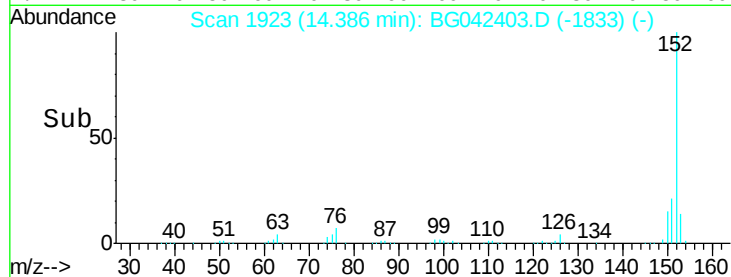
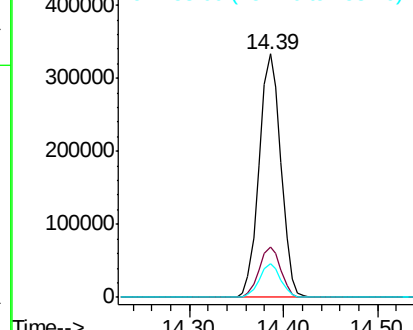
152 100

151 20.8 17.0 25.4

153 13.7 10.6 16.0



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: 42.259 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

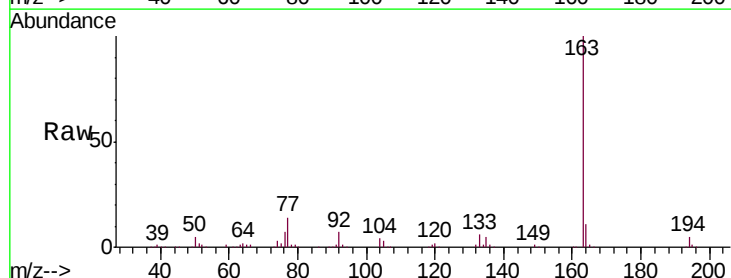
Tgt Ion:163 Resp: 457955

Ion Ratio Lower Upper

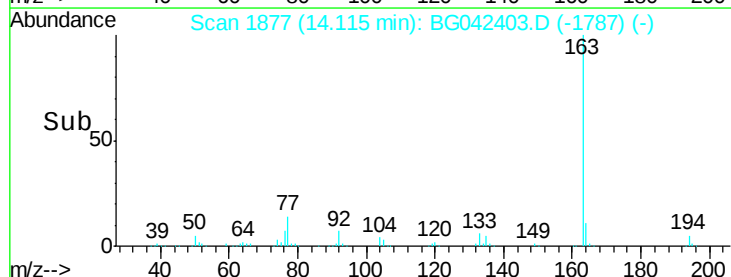
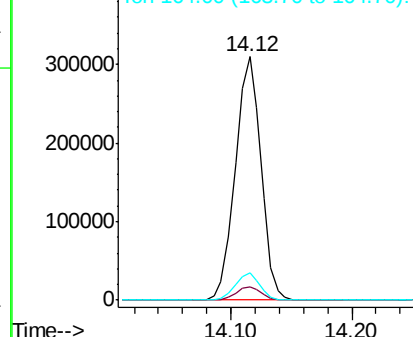
163 100

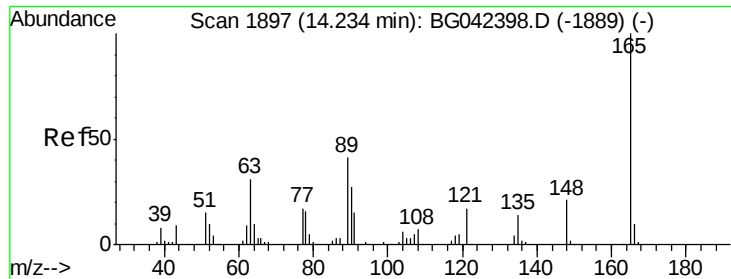
194 5.2 4.2 6.2

164 11.0 8.8 13.2



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

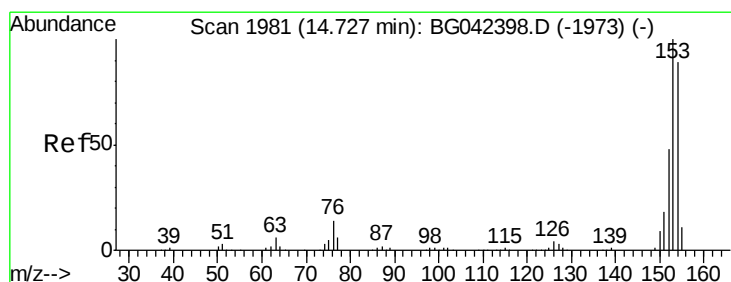
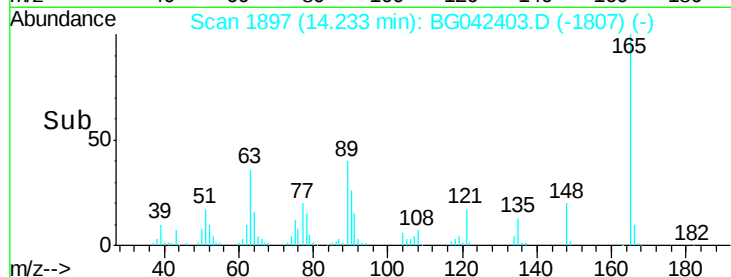
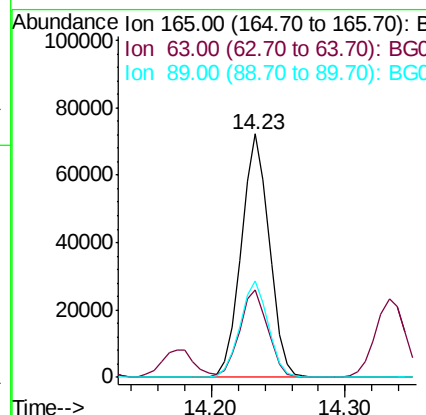
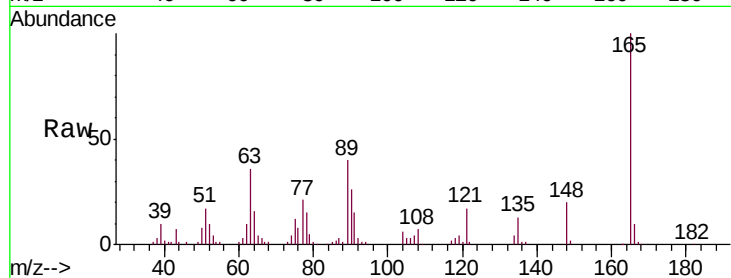




#51  
 2,6-Dinitrotoluene  
 Concen: 41.523 ng  
 RT: 14.23 min Scan# 1897  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

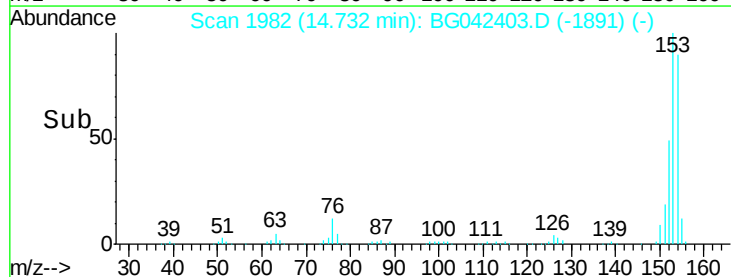
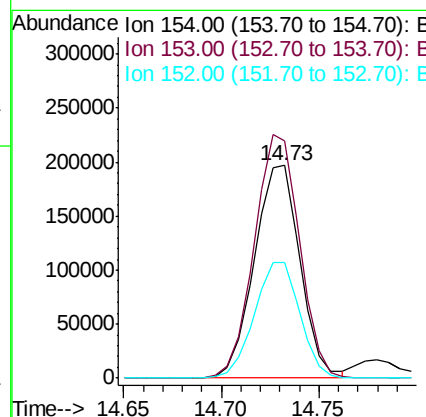
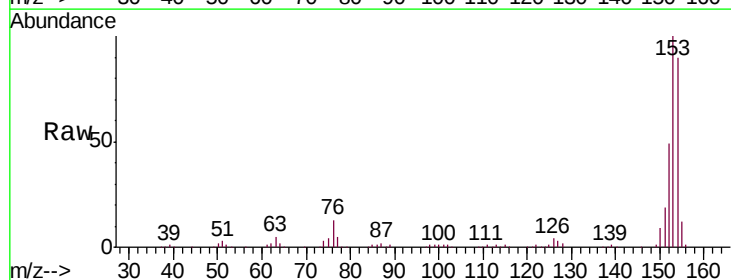
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082219

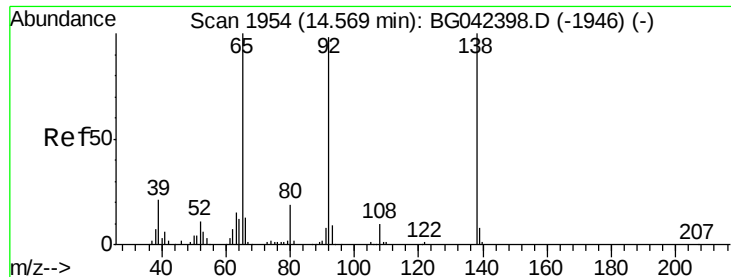
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 35.9  | 30.6  | 45.8  |
| 89      | 39.6  | 32.6  | 49.0  |



#52  
 Acenaphthene  
 Concen: 41.758 ng  
 RT: 14.73 min Scan# 1982  
 Delta R.T. 0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 111.5 | 90.2  | 135.4 |
| 152     | 54.3  | 43.2  | 64.8  |

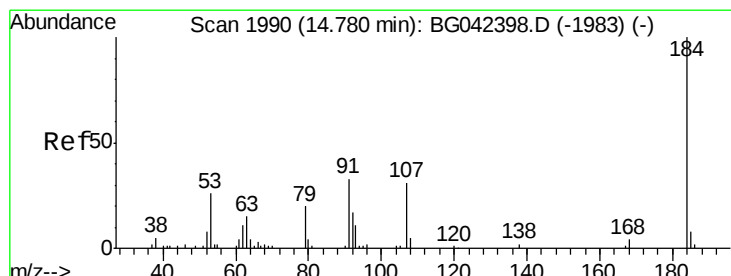
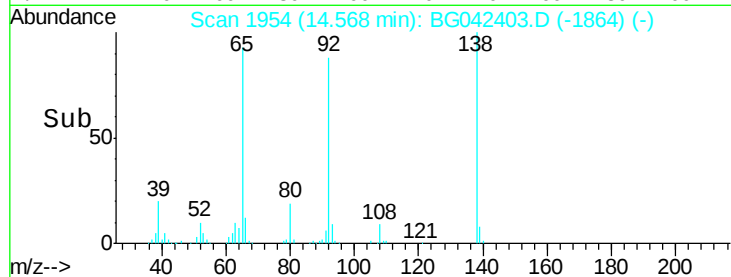
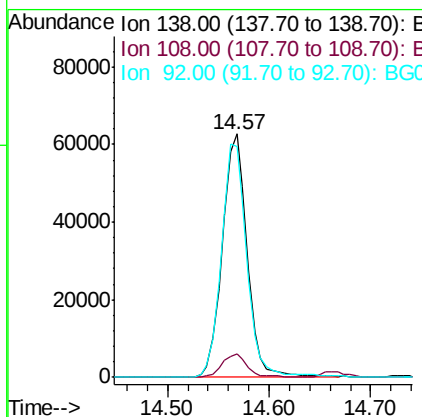
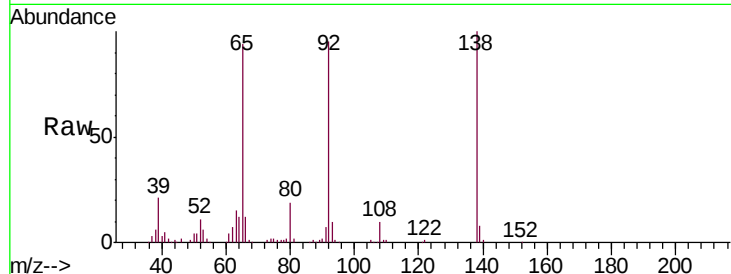




#53  
3-Nitroaniline  
Concen: 42.414 ng  
RT: 14.57 min Scan# 1954  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

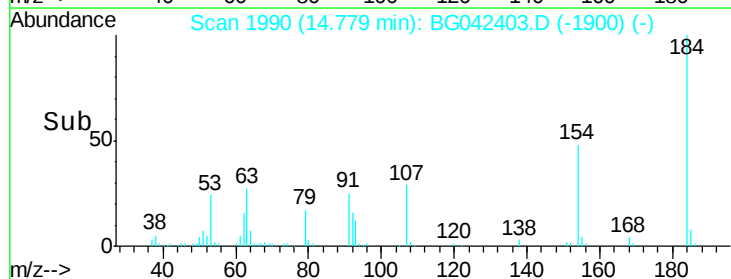
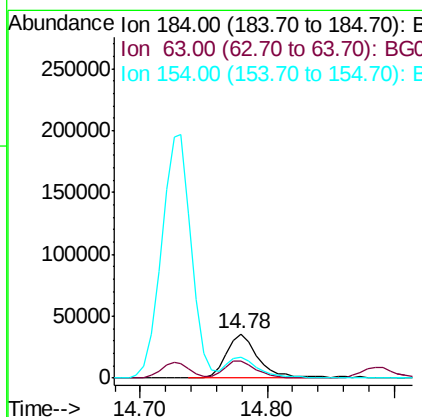
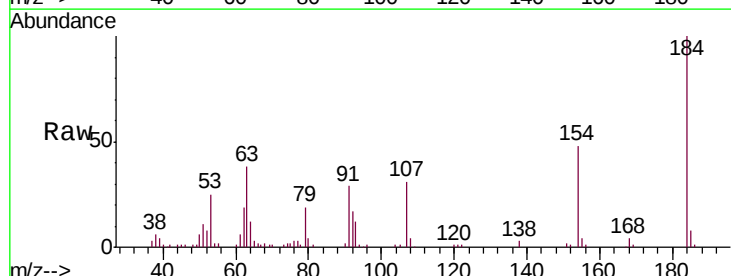
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082219

Tgt Ion:138 Resp: 106549  
Ion Ratio Lower Upper  
138 100  
108 9.8 8.3 12.5  
92 94.6 78.2 117.4



#54  
2,4-Dinitrophenol  
Concen: 40.328 ng  
RT: 14.78 min Scan# 1990  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

Tgt Ion:184 Resp: 62582  
Ion Ratio Lower Upper  
184 100  
63 37.5 31.7 47.5  
154 47.5 42.0 63.0





#55

Dibenzenofuran

Concen: 42.188 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

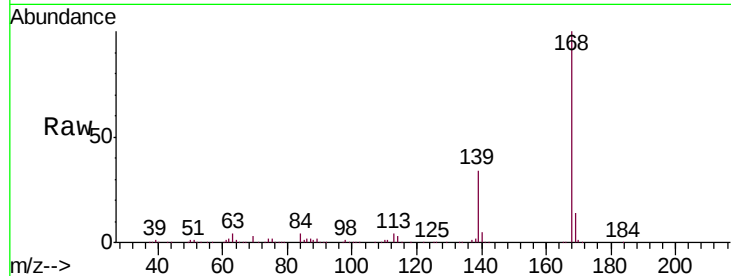
Tgt Ion:168 Resp: 534044

Ion Ratio Lower Upper

168 100

139 34.0 27.2 40.8

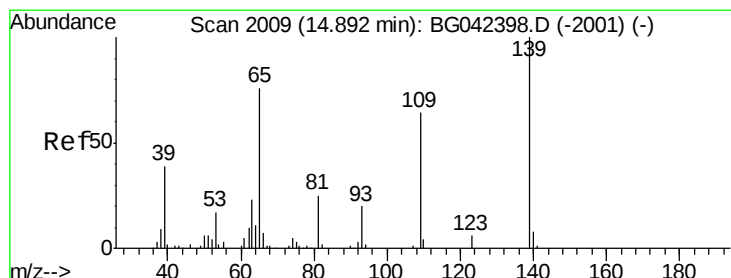
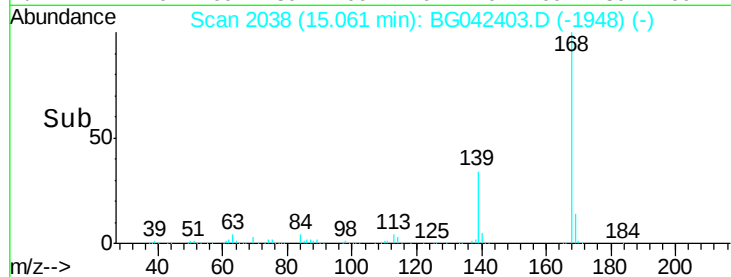
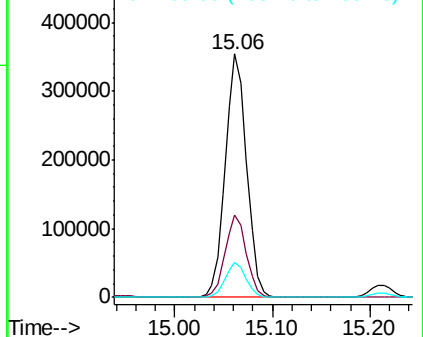
169 14.2 11.5 17.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 43.031 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

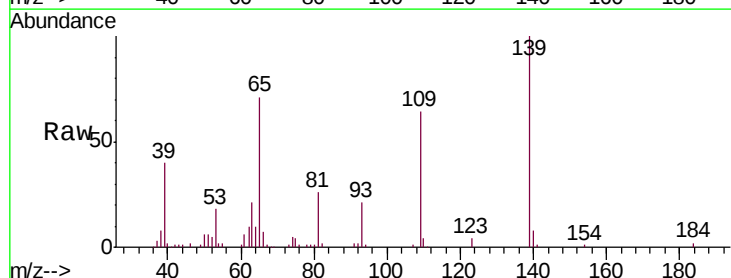
Tgt Ion:139 Resp: 76813

Ion Ratio Lower Upper

139 100

109 63.9 43.9 83.9

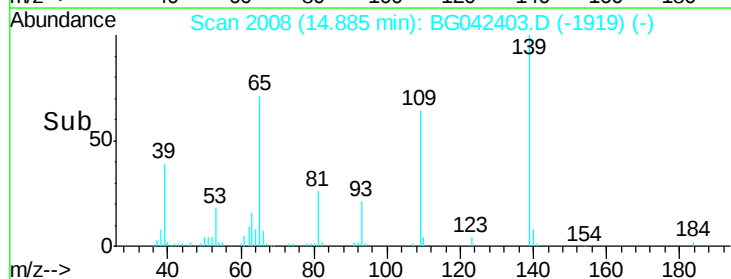
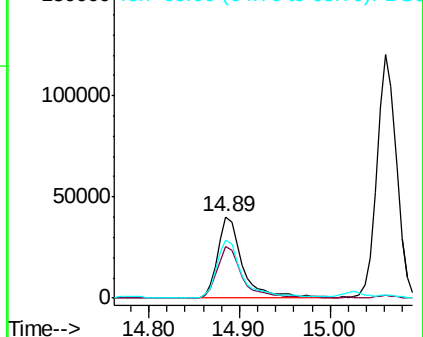
65 71.5 56.3 96.3

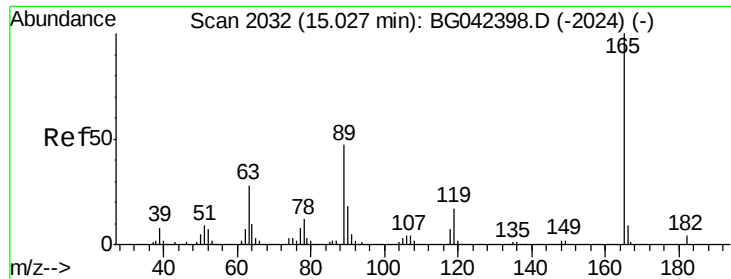


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

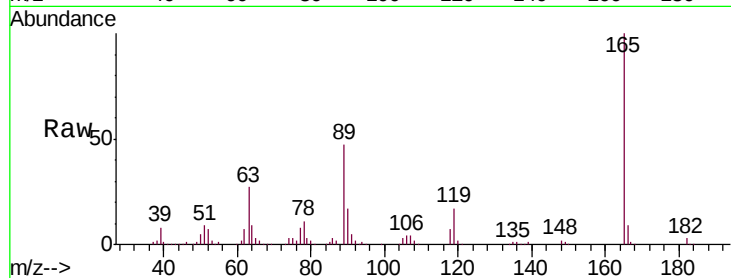




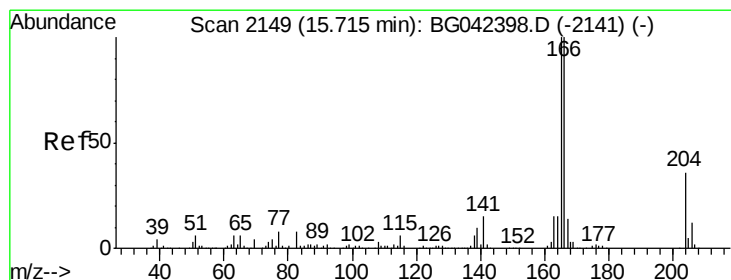
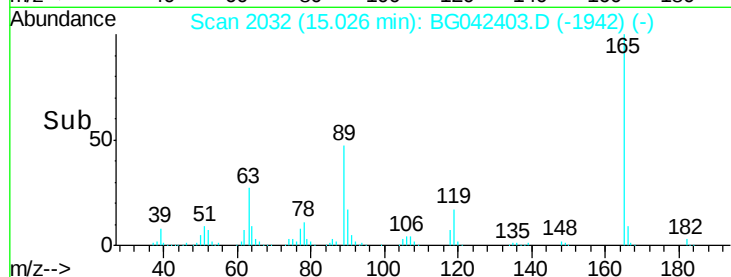
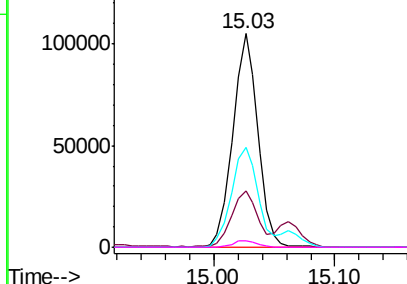
#57  
2,4-Dinitrotoluene  
Concen: 42.179 ng  
RT: 15.03 min Scan# 2032  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082219

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 151716 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 26.6  | 22.5  | 33.7   |
| 89       | 46.6  | 37.8  | 56.6   |
| 182      | 3.2   | 3.0   | 4.4    |

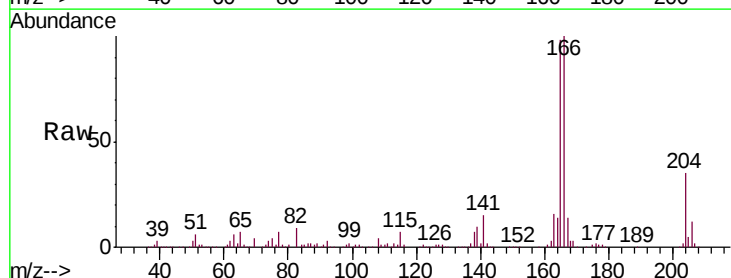


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

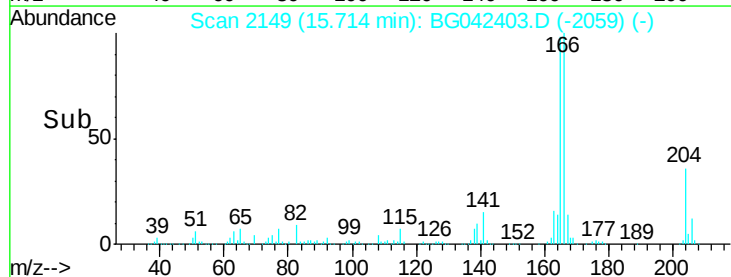
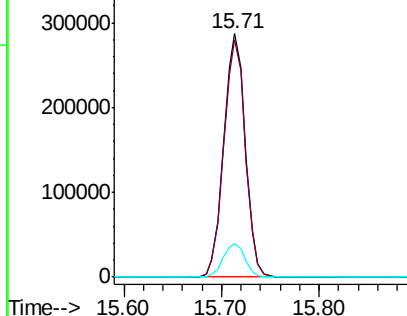


#58  
Fluorene  
Concen: 42.191 ng  
RT: 15.71 min Scan# 2149  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 436581 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 97.7  | 79.7  | 119.5  |
| 167      | 13.9  | 10.9  | 16.3   |



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

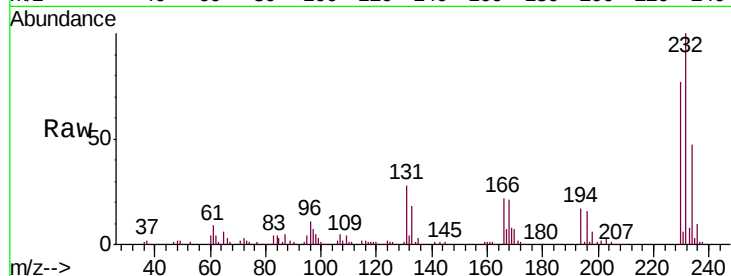




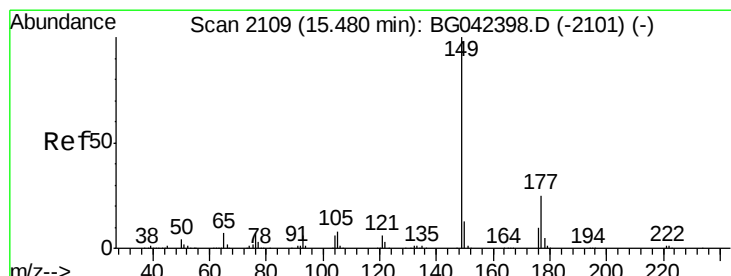
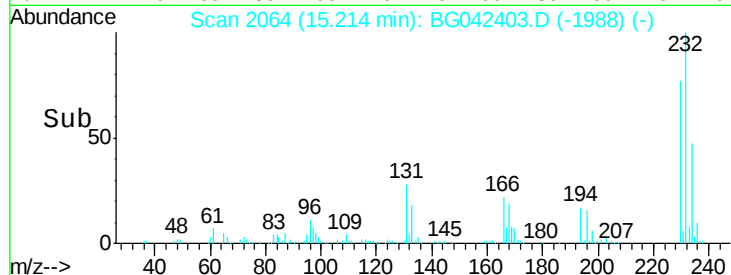
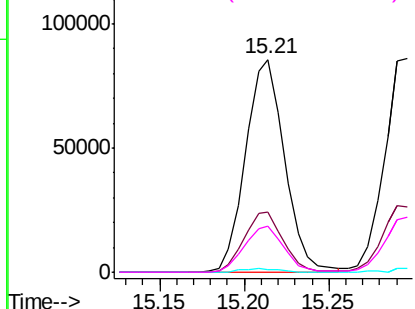
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 41.106 ng  
 RT: 15.21 min Scan# 2064  
 Delta R.T. -0.08 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082219

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 137335 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 28.5  | 22.9  | 34.3   |
| 130      | 1.6   | 1.4   | 2.0    |
| 166      | 21.9  | 17.0  | 25.4   |

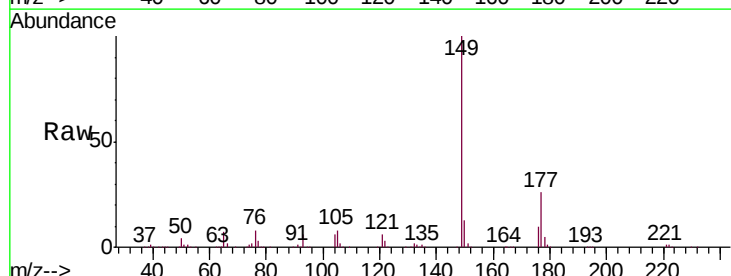


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

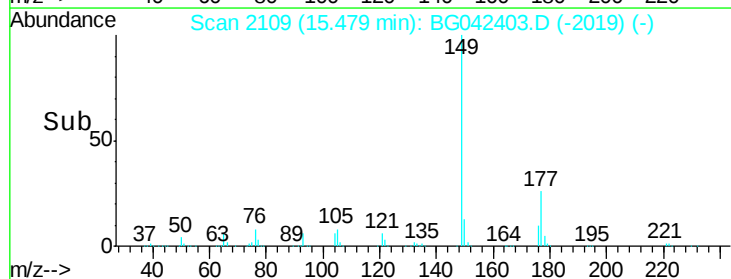
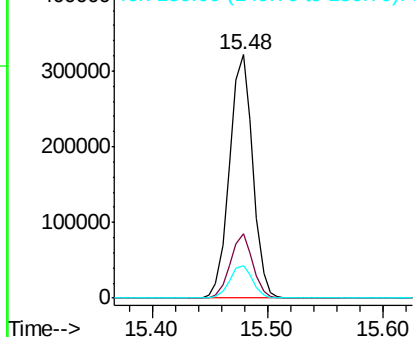


#60  
 Diethylphthalate  
 Concen: 42.048 ng  
 RT: 15.48 min Scan# 2109  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 445435 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 26.4  | 20.4  | 30.6   |
| 150      | 13.2  | 10.3  | 15.5   |



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

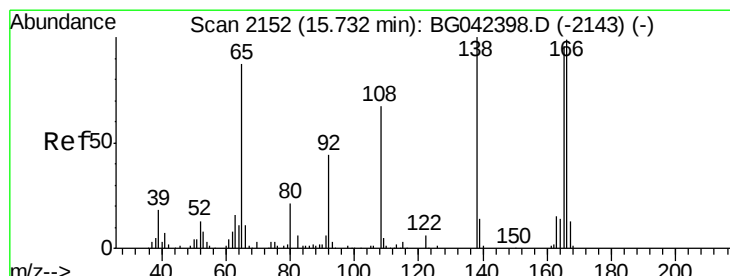
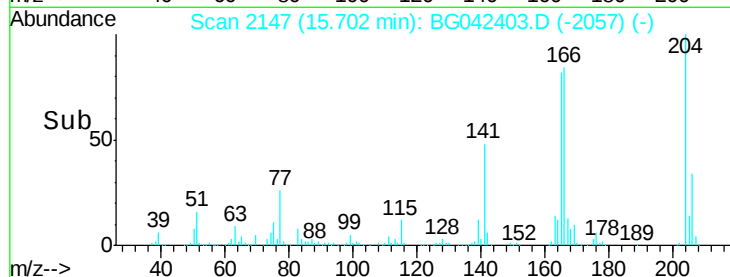
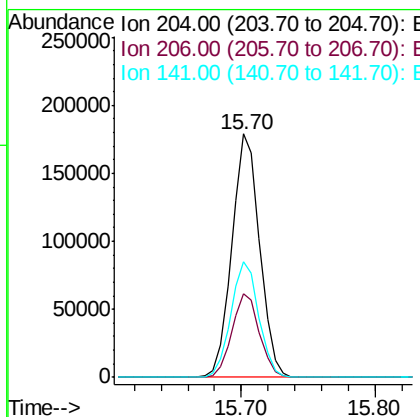
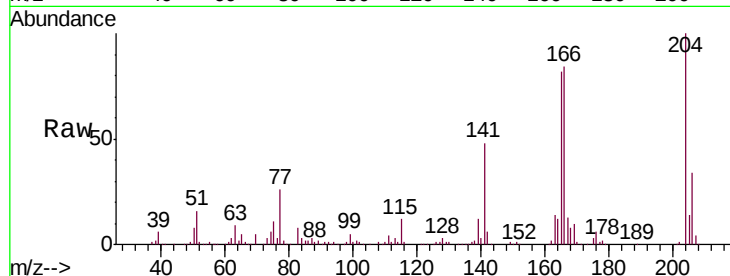




#61  
 4-Chlorophenyl-phenylether  
 Concen: 41.435 ng  
 RT: 15.70 min Scan# 2147  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

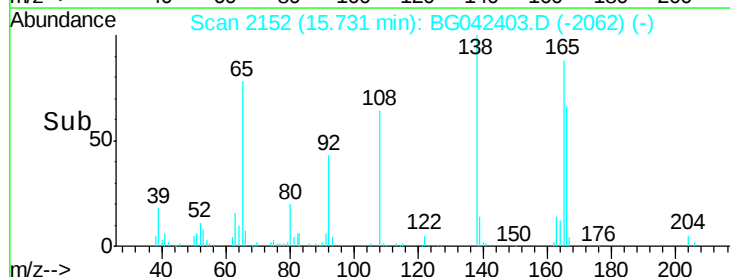
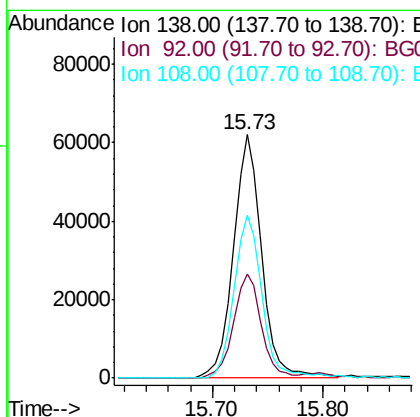
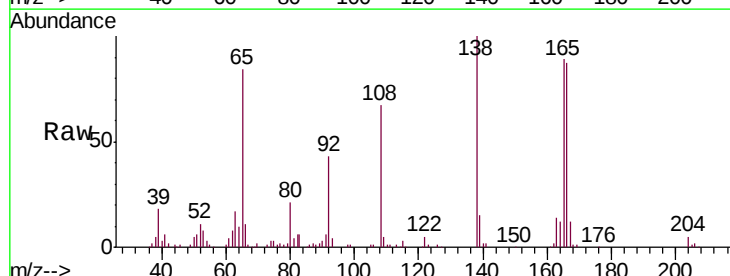
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082219

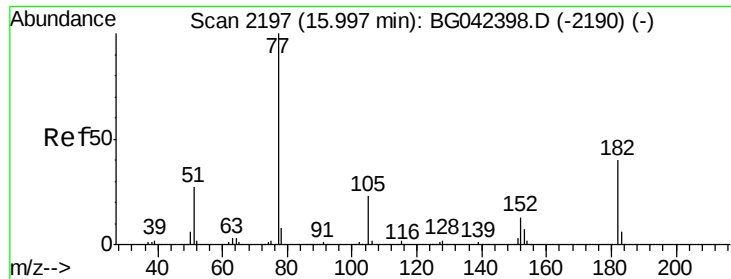
Tgt Ion: 204 Resp: 258466  
 Ion Ratio Lower Upper  
 204 100  
 206 34.2 27.2 40.8  
 141 47.6 38.7 58.1



#62  
 4-Nitroaniline  
 Concen: 41.444 ng  
 RT: 15.73 min Scan# 2152  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

Tgt Ion: 138 Resp: 111427  
 Ion Ratio Lower Upper  
 138 100  
 92 43.0 24.2 64.2  
 108 67.1 46.8 86.8

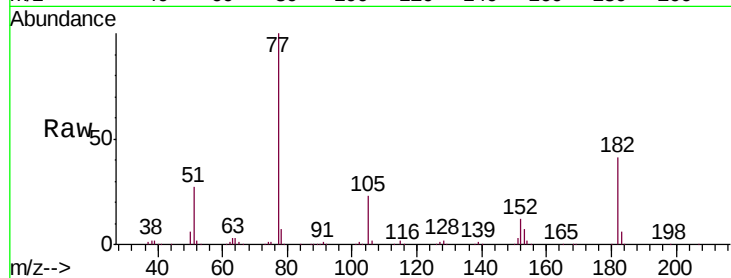




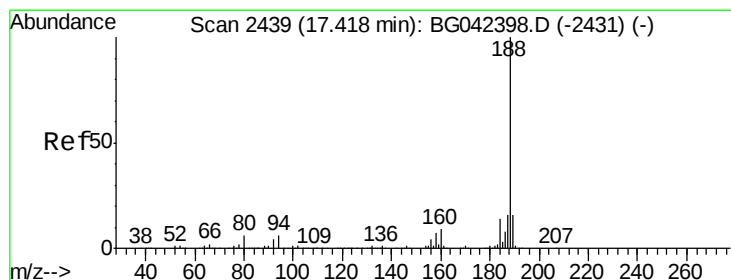
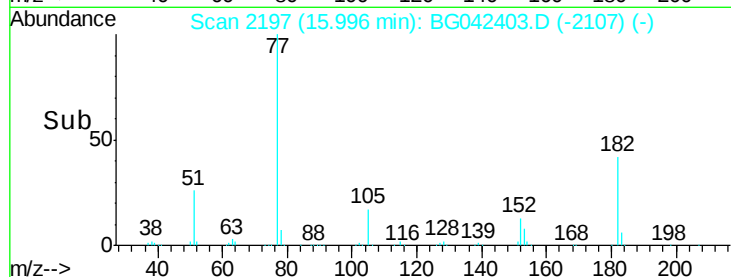
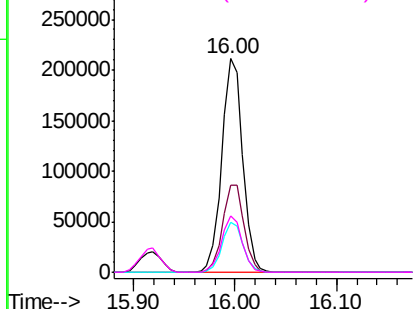
#63  
Azobenzene  
Concen: 41.671 ng  
RT: 16.00 min Scan# 2197  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082219

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 77    | Resp: | 302488 |
| Ion      | Ratio | Lower | Upper  |
| 77       | 100   |       |        |
| 182      | 41.0  | 19.9  | 59.9   |
| 105      | 23.3  | 2.9   | 42.9   |
| 51       | 26.6  | 7.6   | 47.6   |

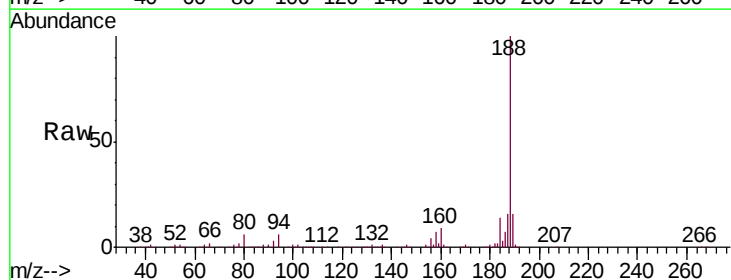


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

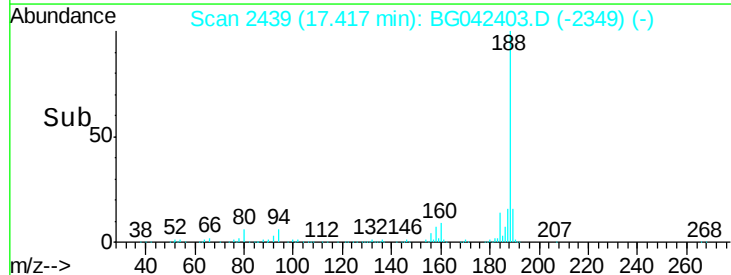
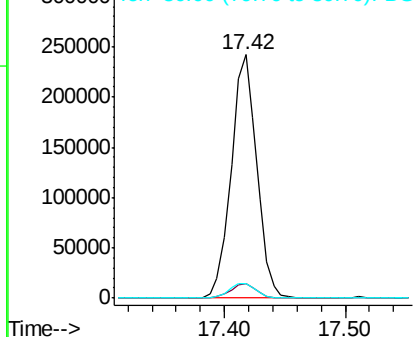


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.42 min Scan# 2439  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 356236 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 5.8   | 4.5   | 6.7    |
| 80       | 5.8   | 4.9   | 7.3    |



Abundance Ion 188.00 (187.70 to 188.70): BGC  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC

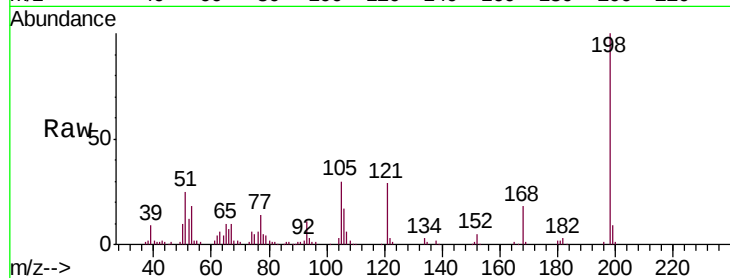




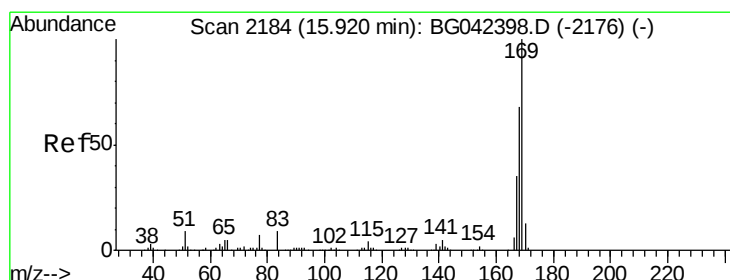
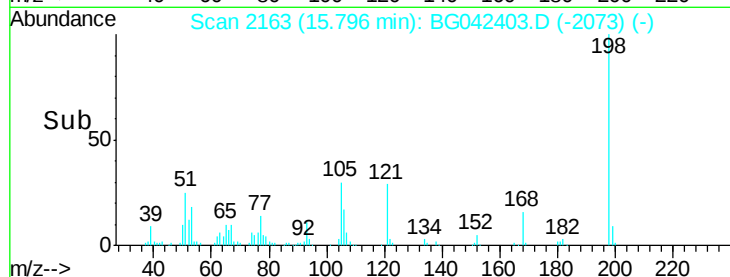
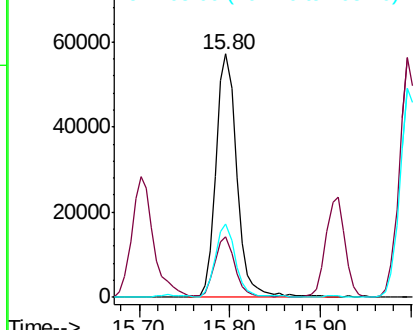
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 40.916 ng  
 RT: 15.80 min Scan# 2163  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082219

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 91384 |       |       |
| 51      | 25.1  | 4.2   | 44.2  |
| 105     | 30.0  | 8.8   | 48.8  |

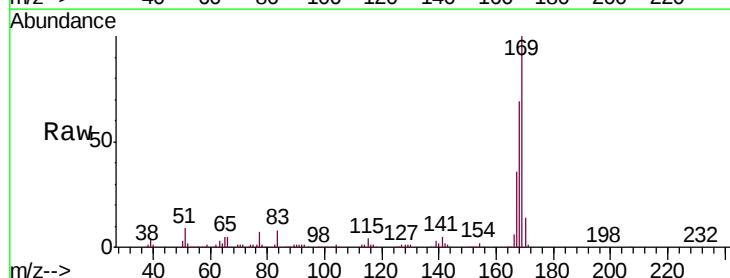


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BG  
 Ion 105.00 (104.70 to 105.70): E

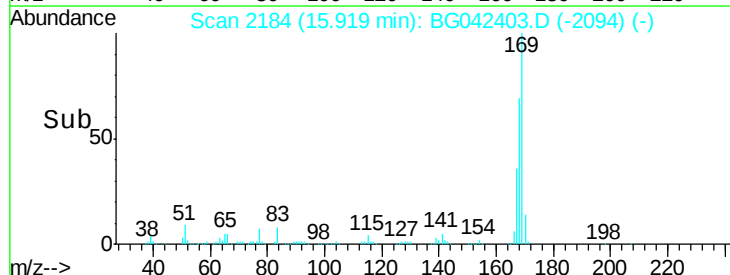
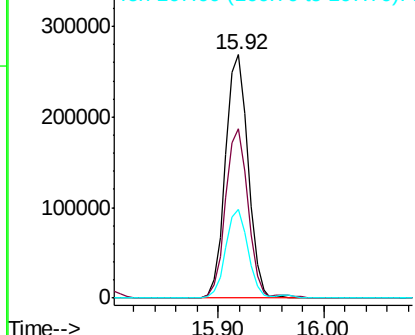


#66  
 n-Nitrosodiphenylamine  
 Concen: 40.566 ng  
 RT: 15.92 min Scan# 2184  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 169     | 397416 |       |       |
| 168     | 69.3   | 54.3  | 81.5  |
| 167     | 36.3   | 28.2  | 42.2  |



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

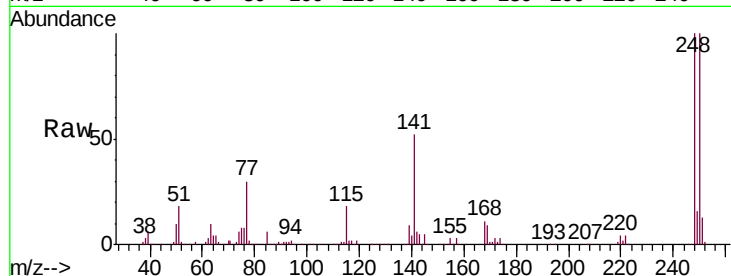




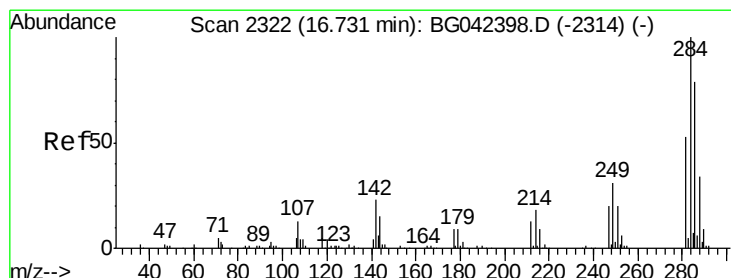
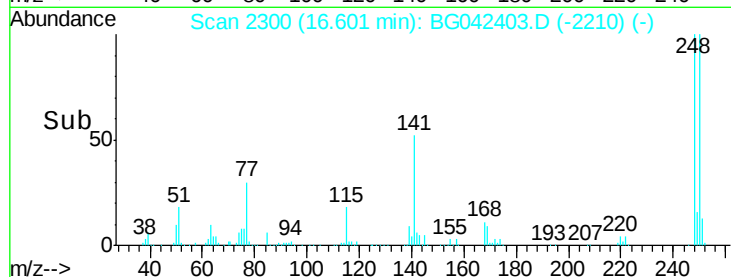
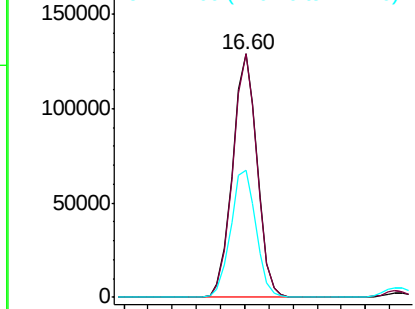
#67  
 4-Bromophenyl-phenylether  
 Concen: 40.510 ng  
 RT: 16.60 min Scan# 2300  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082219

Tgt Ion: 248 Resp: 183050  
 Ion Ratio Lower Upper  
 248 100  
 250 100.0 78.9 118.3  
 141 52.4 43.3 64.9

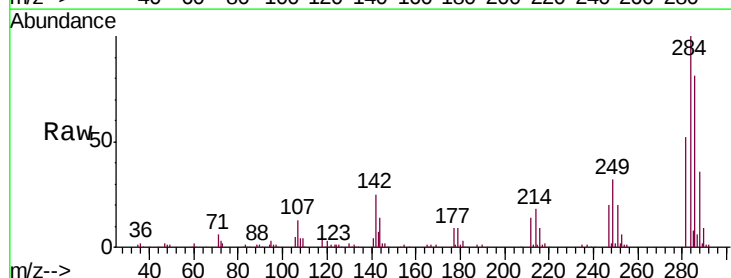


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

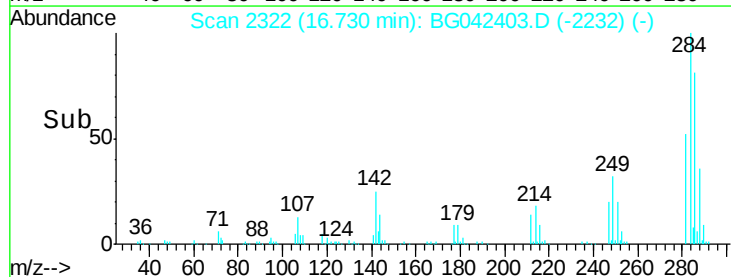
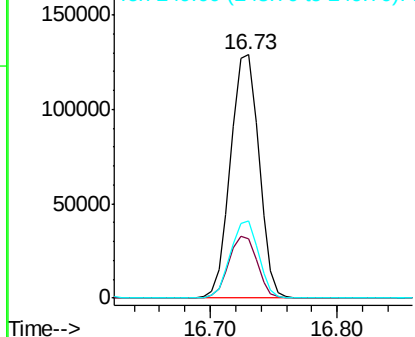


#68  
 Hexachlorobenzene  
 Concen: 40.678 ng  
 RT: 16.73 min Scan# 2322  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

Tgt Ion: 284 Resp: 199816  
 Ion Ratio Lower Upper  
 284 100  
 142 24.6 18.2 27.4  
 249 31.7 25.0 37.4



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: 37.262 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

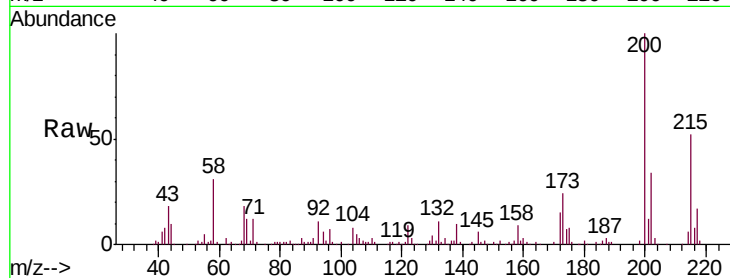
Tgt Ion:200 Resp: 129090

Ion Ratio Lower Upper

200 100

173 24.2 4.9 44.9

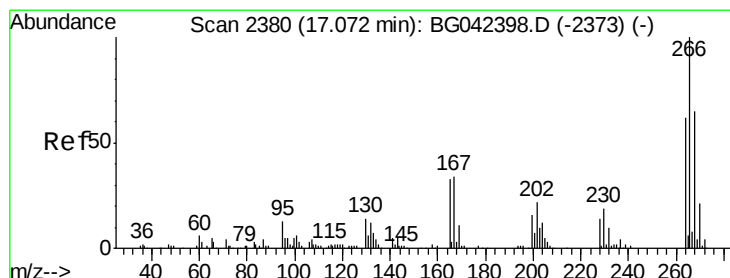
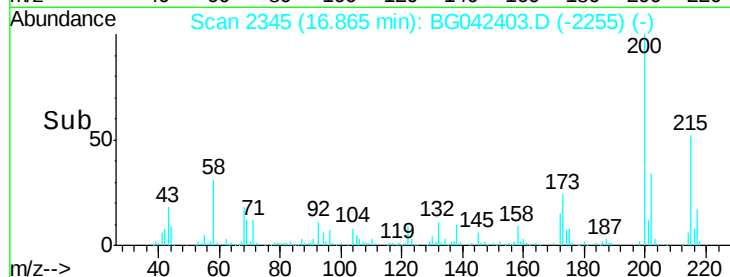
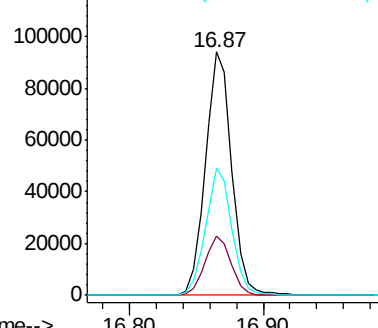
215 52.3 30.7 70.7



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: 40.760 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

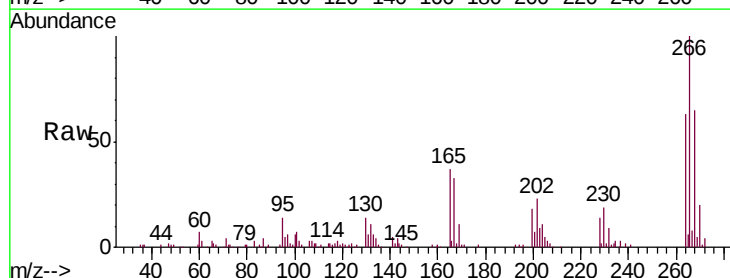
Tgt Ion:266 Resp: 104029

Ion Ratio Lower Upper

266 100

268 64.8 52.1 78.1

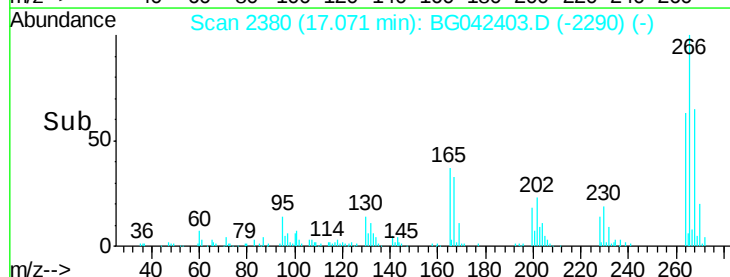
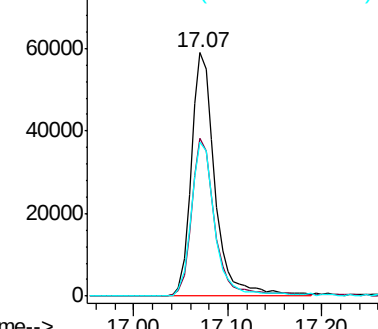
264 63.1 49.4 74.2



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

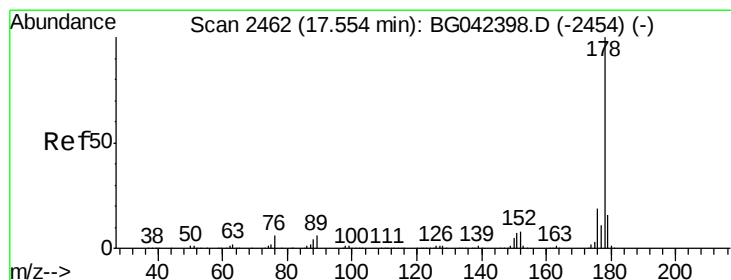
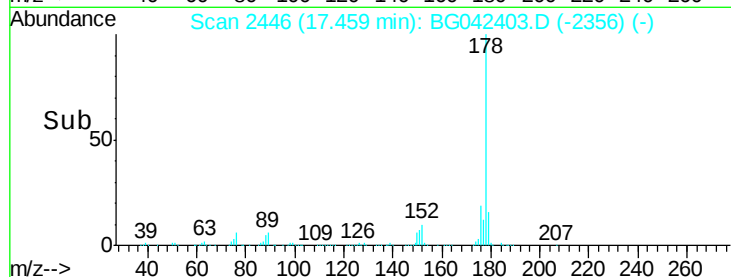
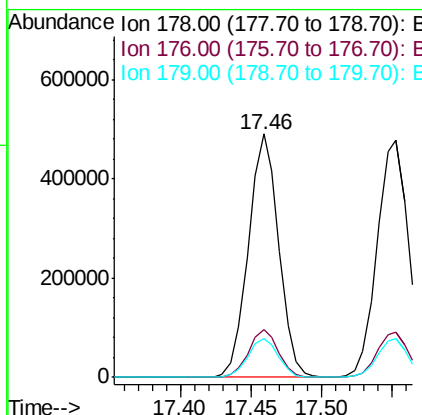
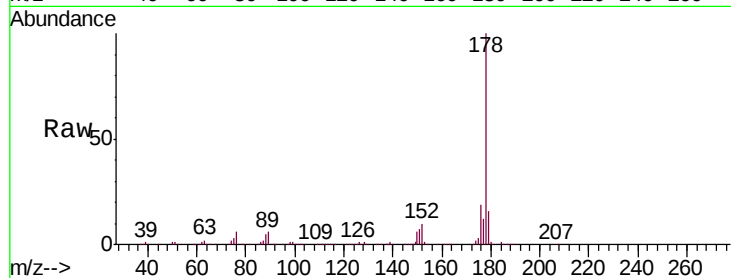




#71  
Phenanthrene  
Concen: 41.891 ng  
RT: 17.46 min Scan# 2446  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

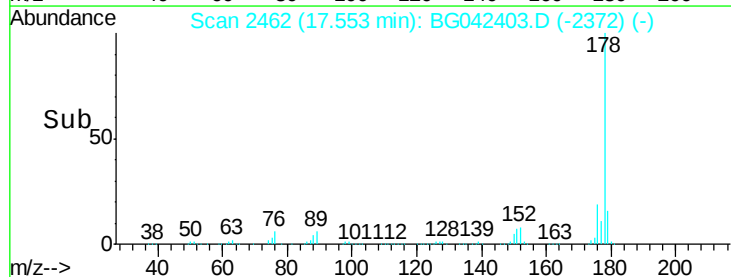
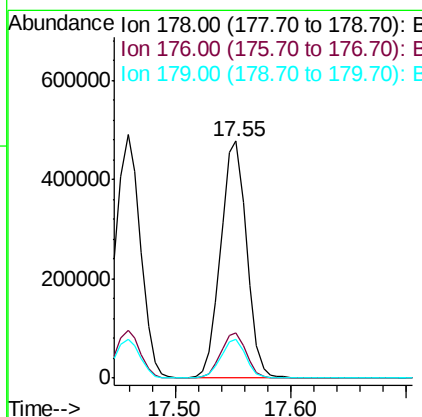
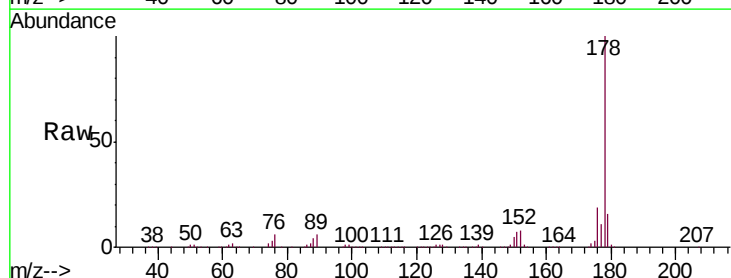
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082219

Tgt Ion:178 Resp: 741251  
Ion Ratio Lower Upper  
178 100  
176 19.5 15.9 23.9  
179 16.2 12.7 19.1



#72  
Anthracene  
Concen: 42.014 ng  
RT: 17.55 min Scan# 2462  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

Tgt Ion:178 Resp: 742164  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.5 23.3  
179 16.2 12.9 19.3

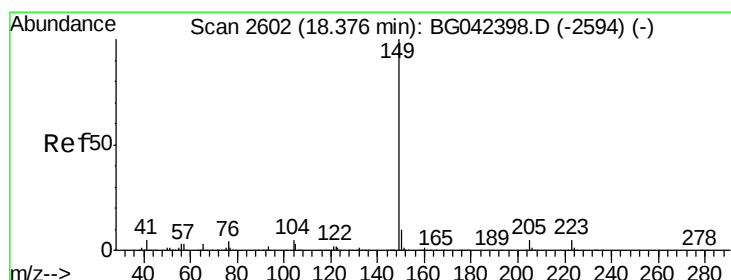
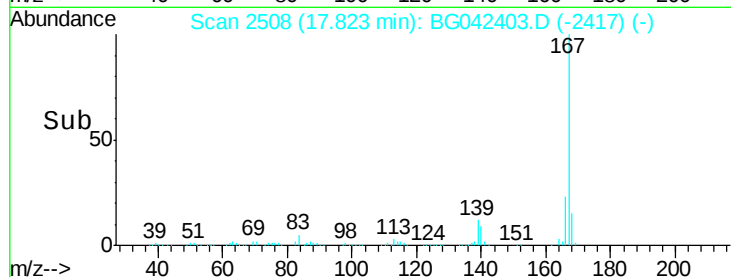
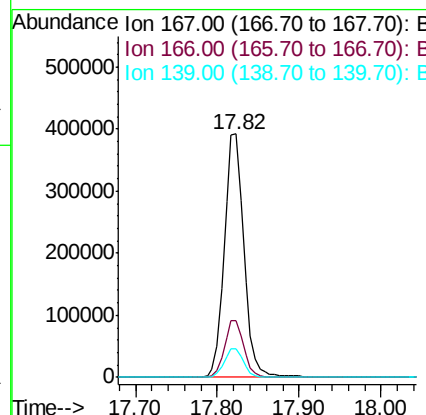
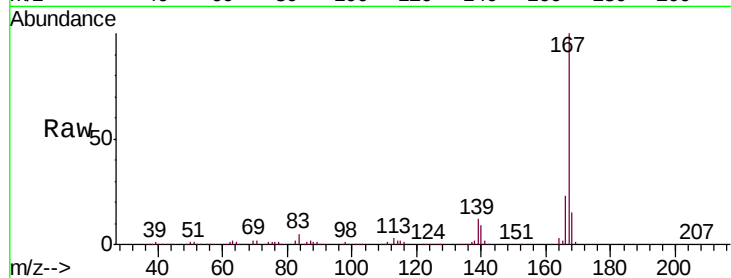




#73  
 Carbazole  
 Concen: 41.780 ng  
 RT: 17.82 min Scan# 2508  
 Delta R.T. 0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

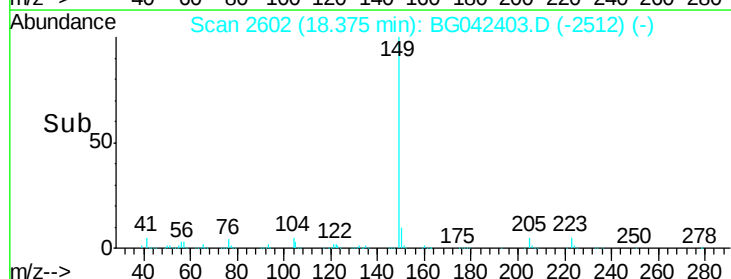
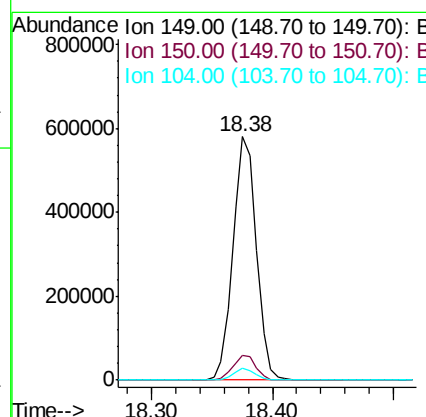
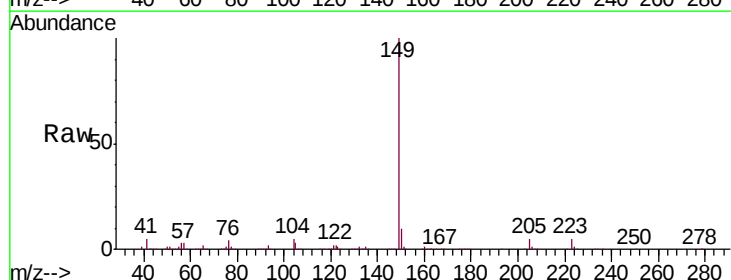
Instrument :  
 BNA\_G  
 ClientSampleId :  
 ICVBG082219

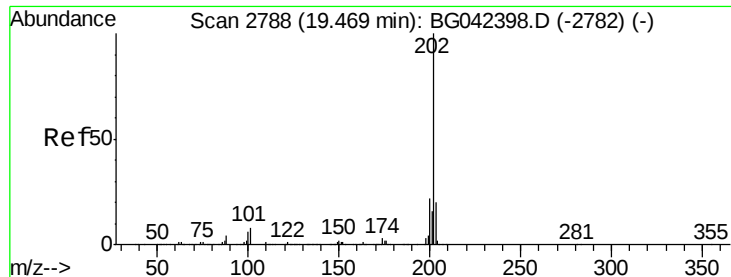
Tgt Ion:167 Resp: 657764  
 Ion Ratio Lower Upper  
 167 100  
 166 23.4 18.9 28.3  
 139 12.0 9.8 14.6



#74  
 Di-n-butylphthalate  
 Concen: 41.916 ng  
 RT: 18.38 min Scan# 2602  
 Delta R.T. -0.00 min  
 Lab File: BG042403.D  
 Acq: 22 Aug 2019 16:23

Tgt Ion:149 Resp: 780070  
 Ion Ratio Lower Upper  
 149 100  
 150 10.3 8.1 12.1  
 104 4.7 3.7 5.5





#75

Fluoranthene

Concen: 42.529 ng

RT: 19.47 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

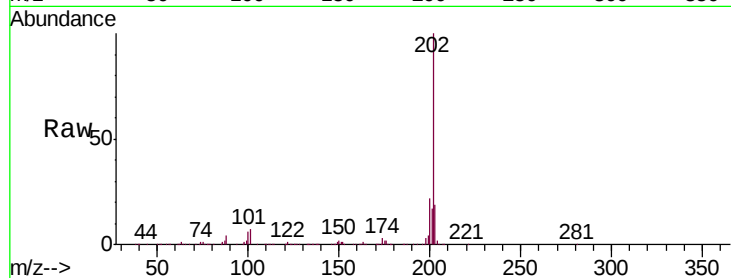
Tgt Ion:202 Resp: 918416

Ion Ratio Lower Upper

202 100

101 7.5 0.0 28.3

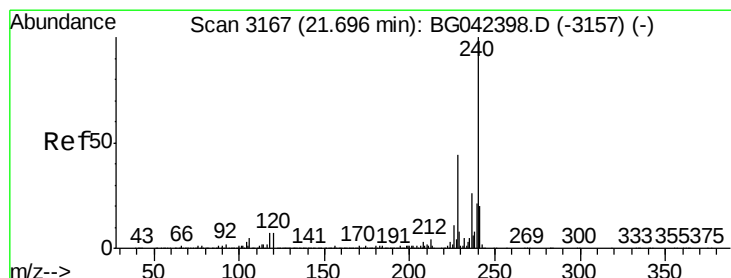
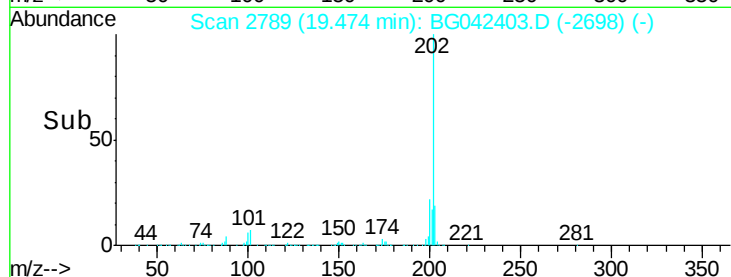
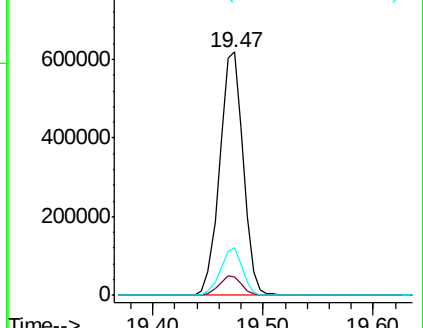
203 19.5 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

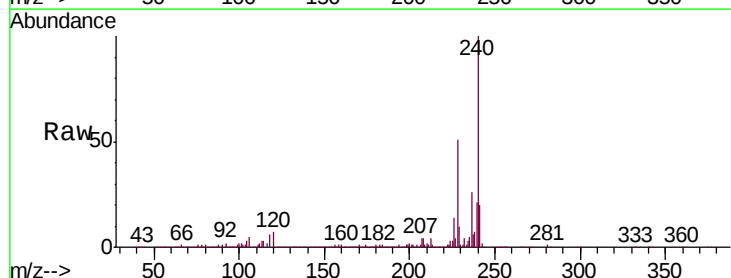
Tgt Ion:240 Resp: 355807

Ion Ratio Lower Upper

240 100

120 7.1 5.7 8.5

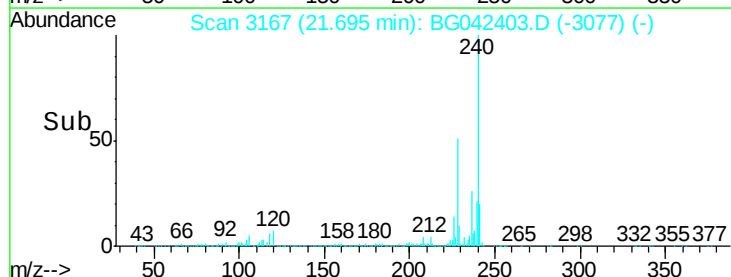
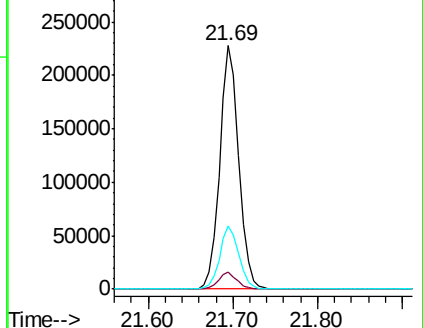
236 26.1 21.0 31.4

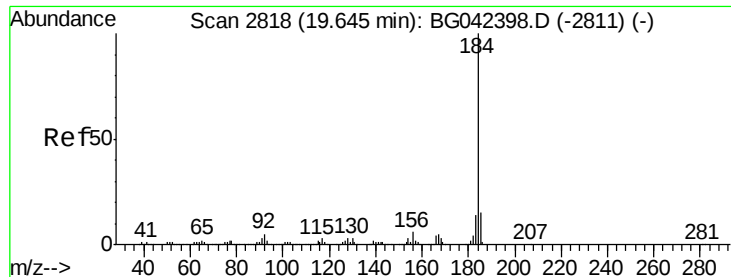


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.070 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

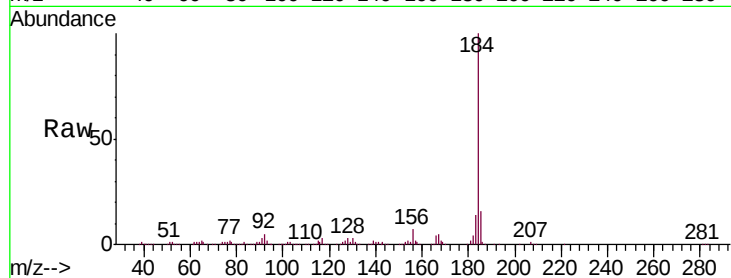
Tgt Ion:184 Resp: 408757

Ion Ratio Lower Upper

184 100

185 16.1 12.2 18.4

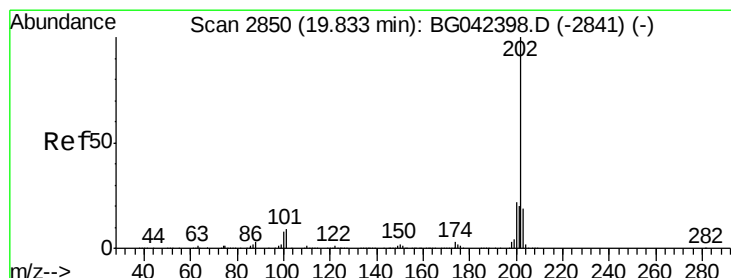
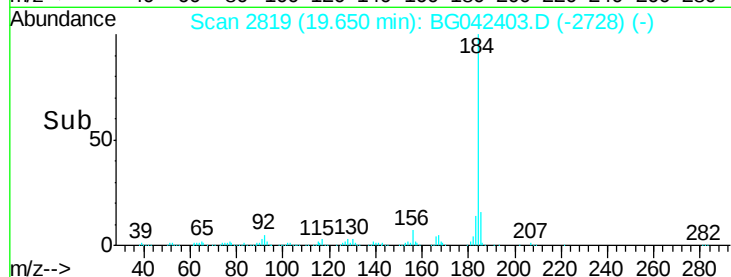
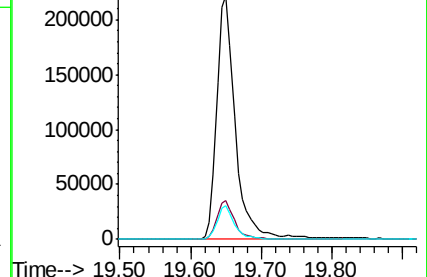
183 13.7 10.8 16.2



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: 42.375 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

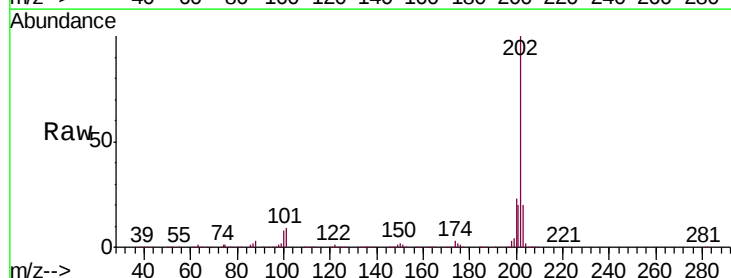
Tgt Ion:202 Resp: 924384

Ion Ratio Lower Upper

202 100

200 22.6 17.8 26.6

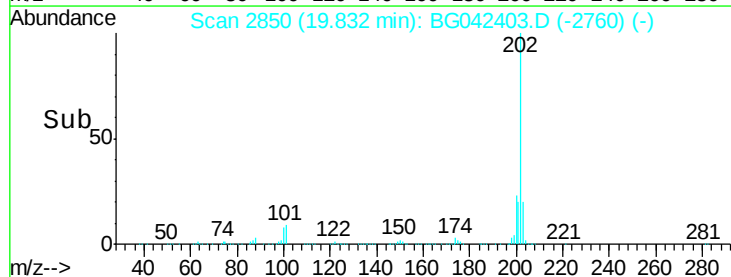
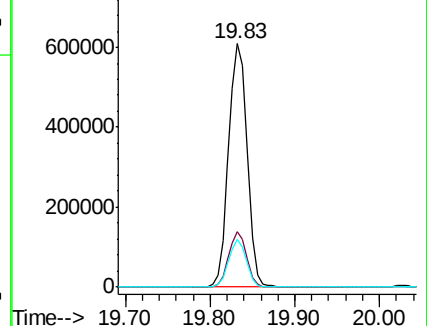
203 19.7 15.5 23.3

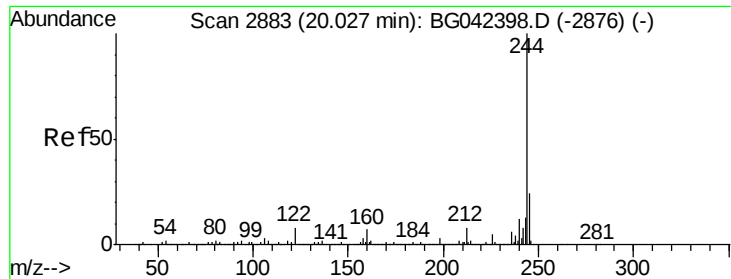


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.391 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

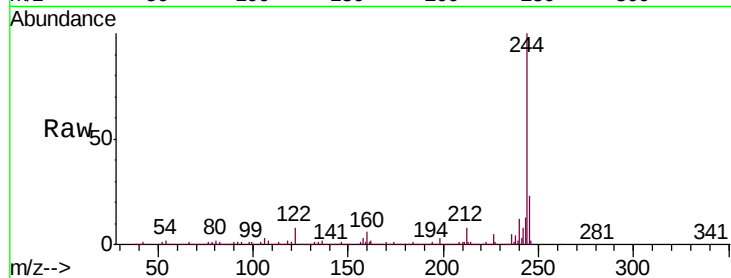
Tgt Ion:244 Resp: 1355991

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

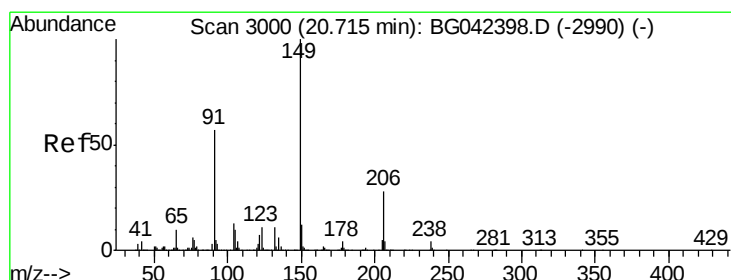
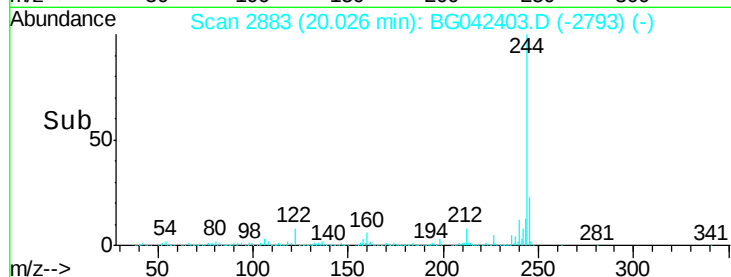
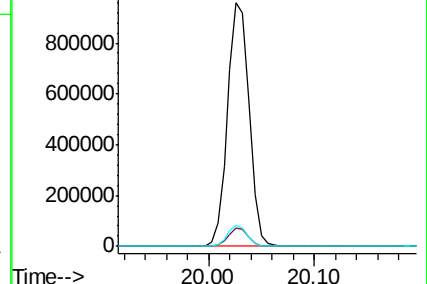
122 8.3 6.7 10.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.649 ng

RT: 20.71 min Scan# 3000

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

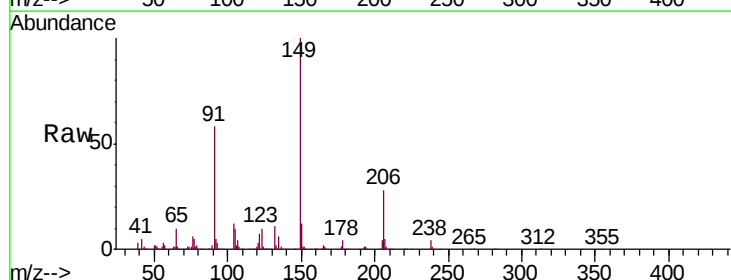
Tgt Ion:149 Resp: 357350

Ion Ratio Lower Upper

149 100

91 57.6 45.9 68.9

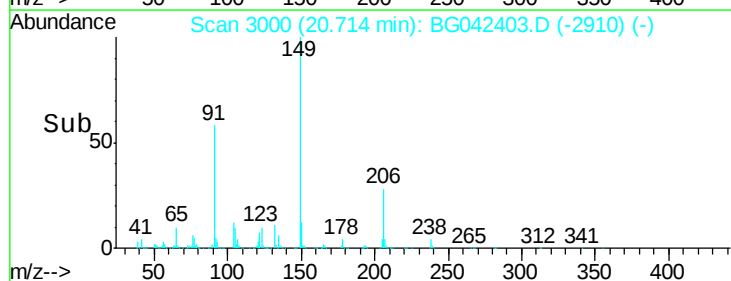
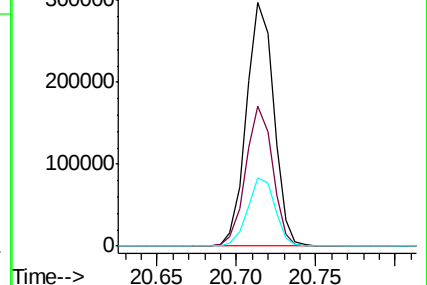
206 28.0 22.5 33.7



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: 41.445 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

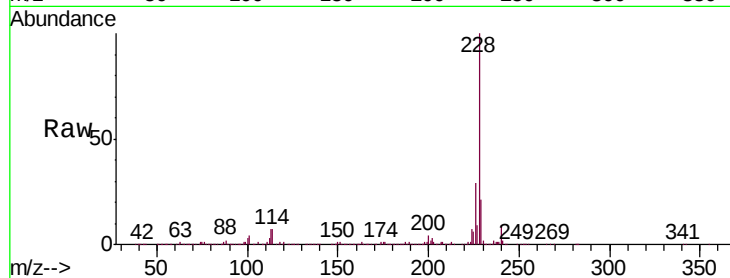
Tgt Ion:228 Resp: 897059

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

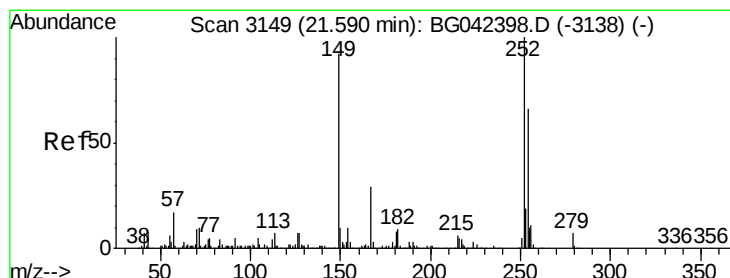
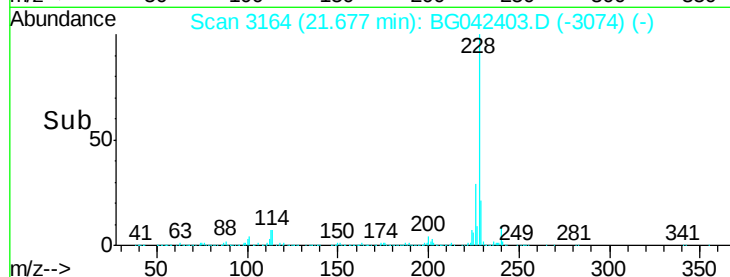
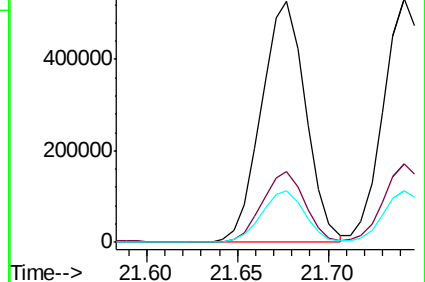
229 21.4 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 41.278 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

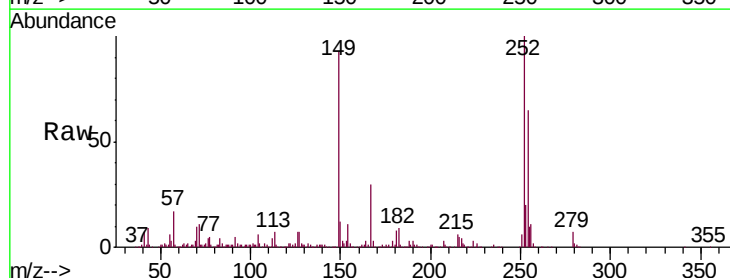
Tgt Ion:252 Resp: 359326

Ion Ratio Lower Upper

252 100

254 64.9 53.0 79.4

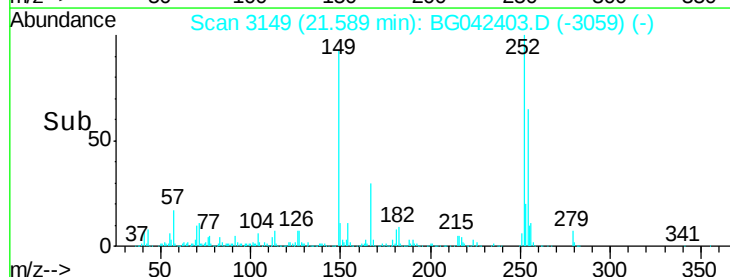
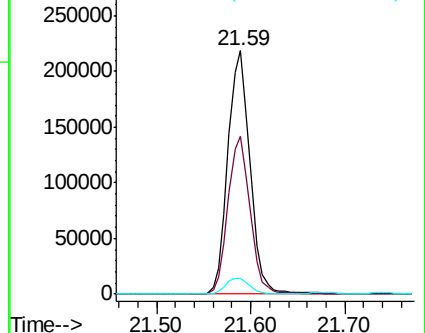
126 6.7 5.7 8.5

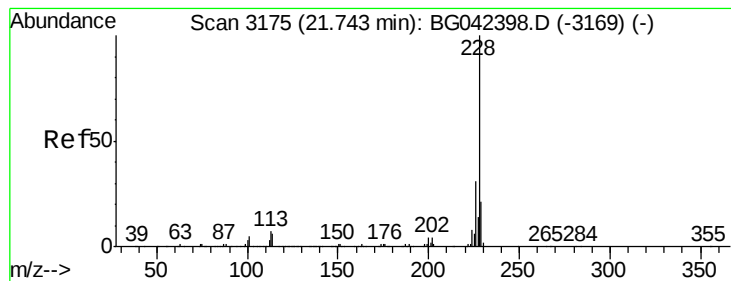


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.487 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

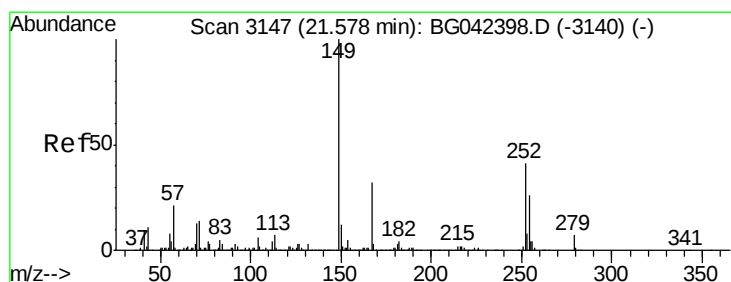
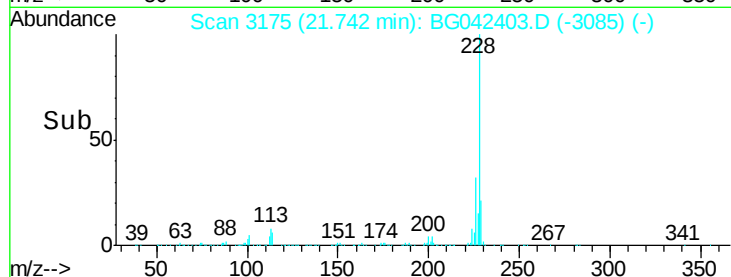
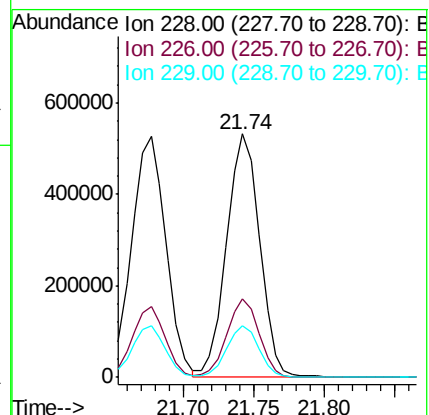
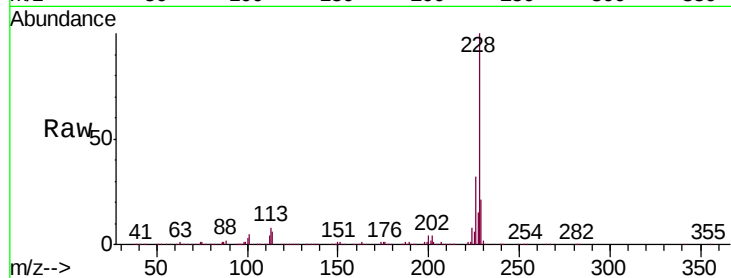
Tgt Ion:228 Resp: 866004

Ion Ratio Lower Upper

228 100

226 32.4 24.9 37.3

229 21.2 16.9 25.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.528 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

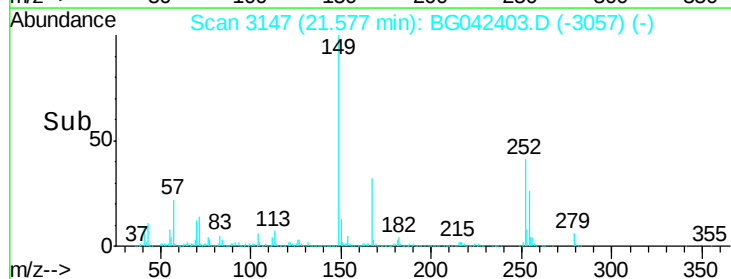
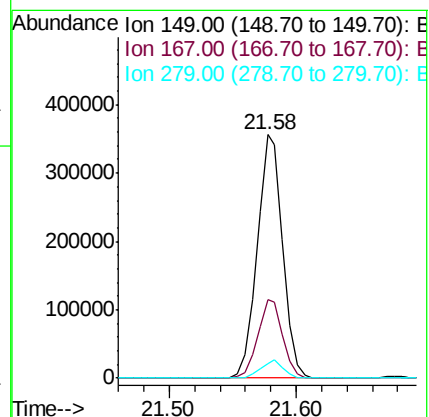
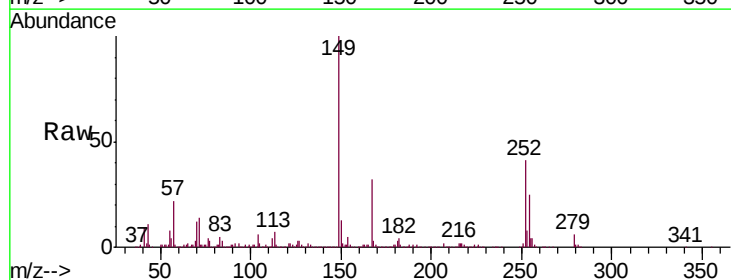
Tgt Ion:149 Resp: 494717

Ion Ratio Lower Upper

149 100

167 32.3 26.0 39.0

279 6.1 5.4 8.0

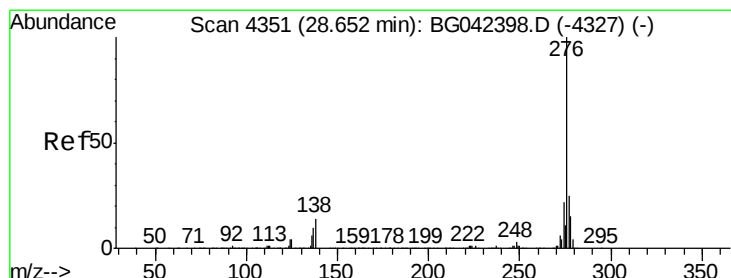
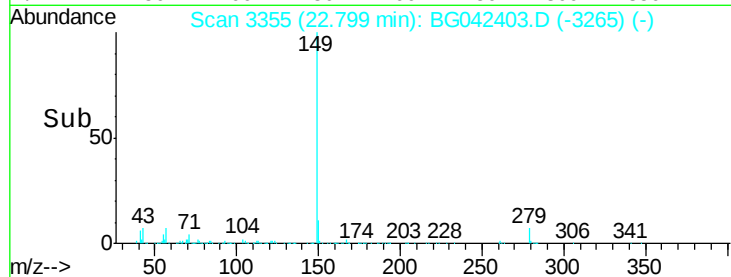
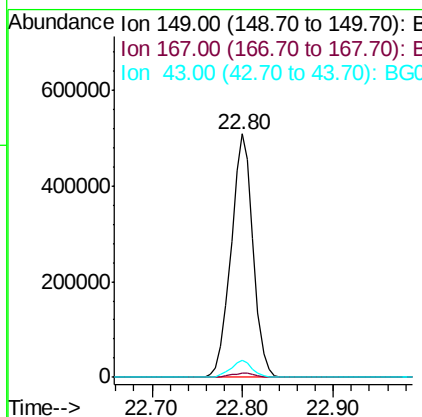
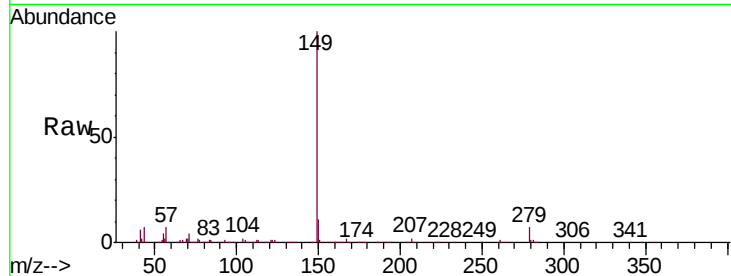




#85  
Di-n-octyl phthalate  
Concen: 41.841 ng  
RT: 22.80 min Scan# 3355  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

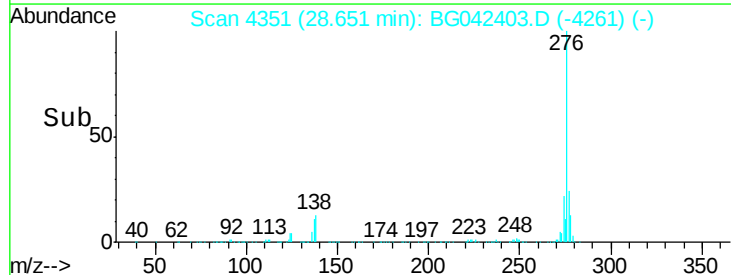
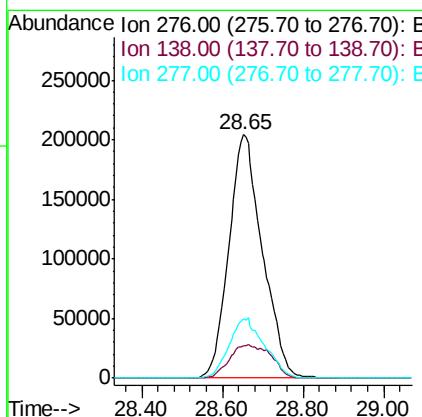
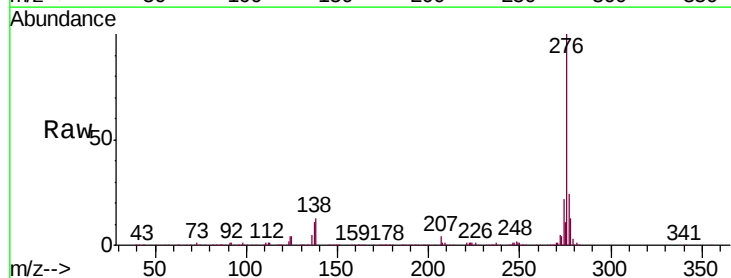
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082219

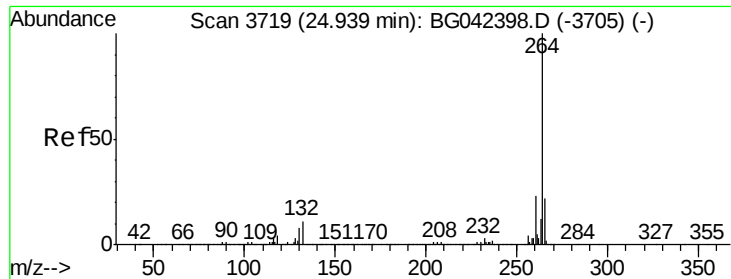
Tgt Ion:149 Resp: 857282  
Ion Ratio Lower Upper  
149 100  
167 1.8 1.6 2.4  
43 6.7 5.3 7.9



#86  
Indeno(1,2,3-cd)pyrene  
Concen: 41.521 ng  
RT: 28.65 min Scan# 4351  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

Tgt Ion:276 Resp: 1177838  
Ion Ratio Lower Upper  
276 100  
138 17.1 9.2 13.8#  
277 25.9 21.0 31.6





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

Instrument :

BNA\_G

ClientSampleId :

ICVBG082219

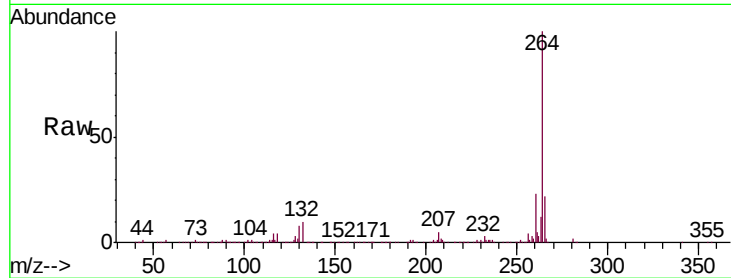
Tgt Ion: 264 Resp: 433116

Ion Ratio Lower Upper

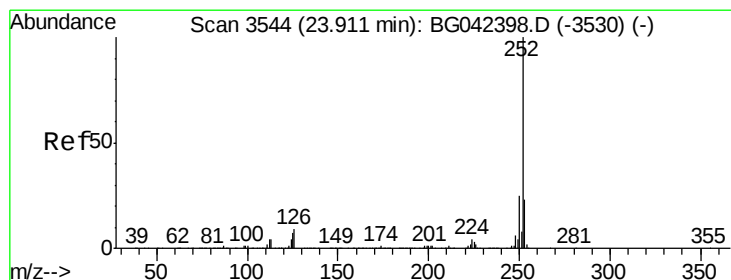
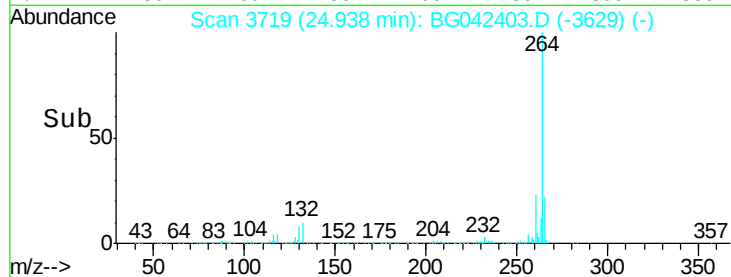
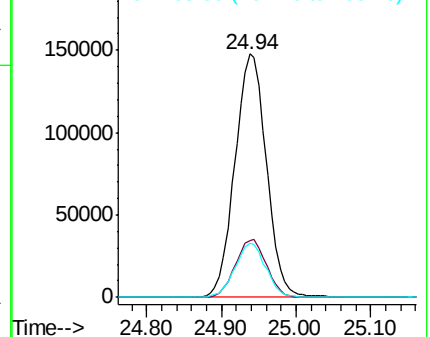
264 100

260 23.1 18.5 27.7

265 22.0 17.6 26.4



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: 41.863 ng

RT: 23.91 min Scan# 3544

Delta R.T. -0.00 min

Lab File: BG042403.D

Acq: 22 Aug 2019 16:23

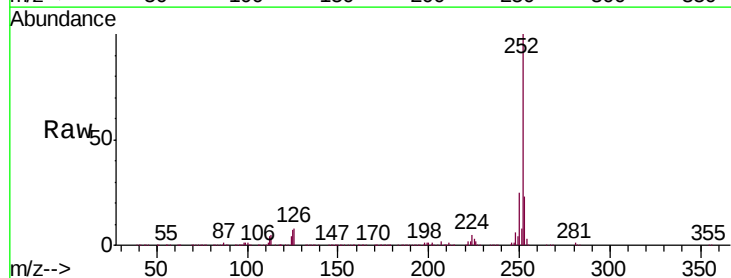
Tgt Ion: 252 Resp: 996815

Ion Ratio Lower Upper

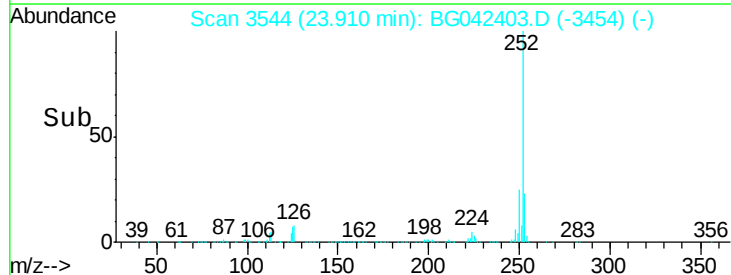
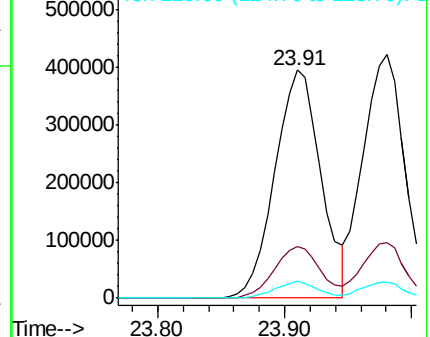
252 100

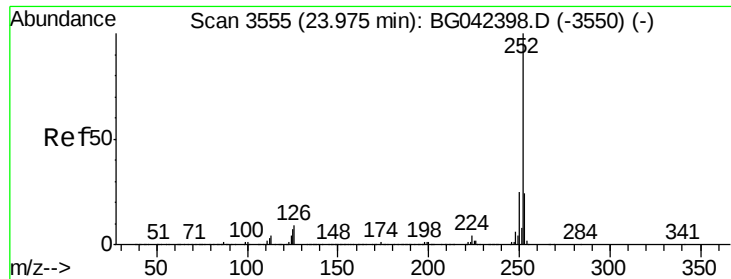
253 22.7 18.6 27.8

125 7.4 5.6 8.4



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

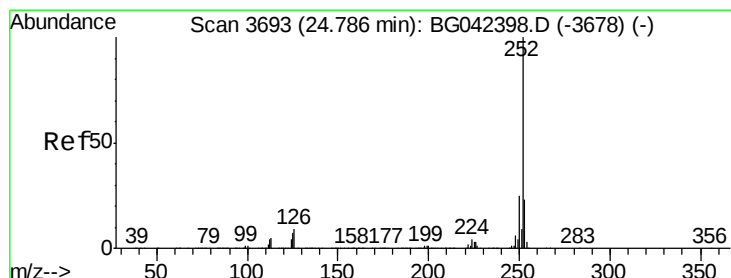
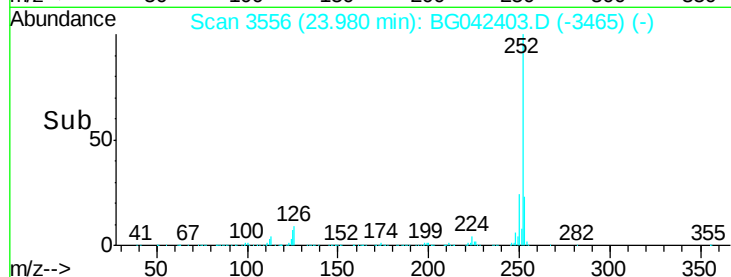
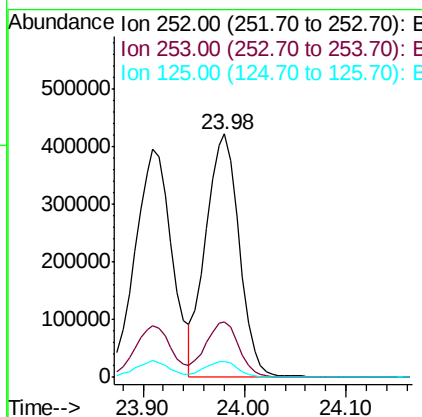
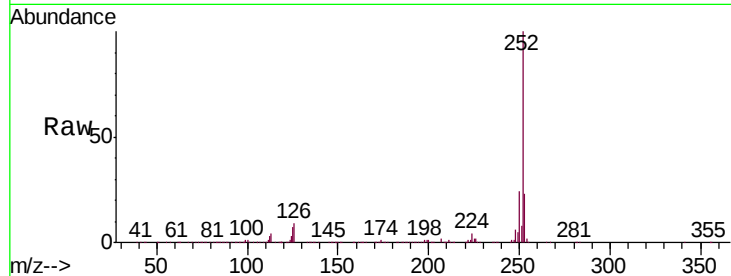




#89  
Benzo(k)fluoranthene  
Concen: 41.997 ng  
RT: 23.98 min Scan# 3556  
Delta R.T. 0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

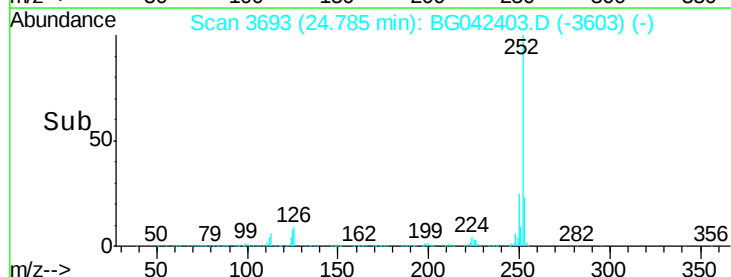
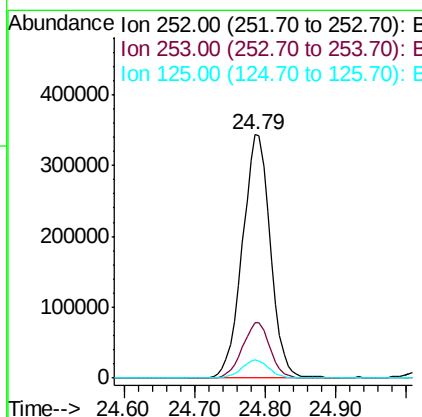
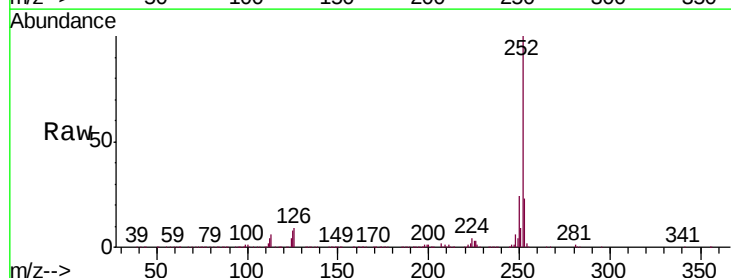
Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082219

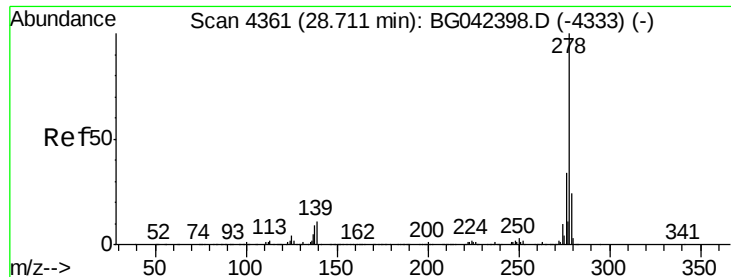
Tgt Ion:252 Resp: 961219  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.6 27.8  
125 6.6 5.8 8.6



#90  
Benzo(a)pyrene  
Concen: 41.944 ng  
RT: 24.79 min Scan# 3693  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

Tgt Ion:252 Resp: 947705  
Ion Ratio Lower Upper  
252 100  
253 22.7 18.4 27.6  
125 7.7 6.0 9.0

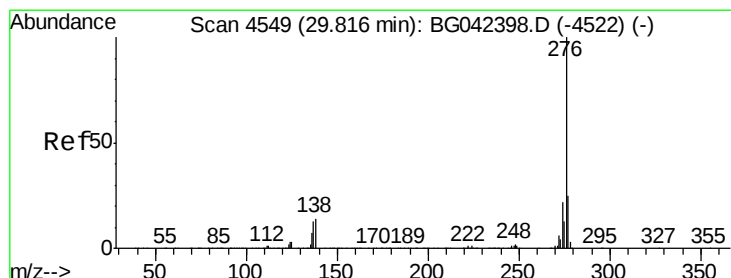
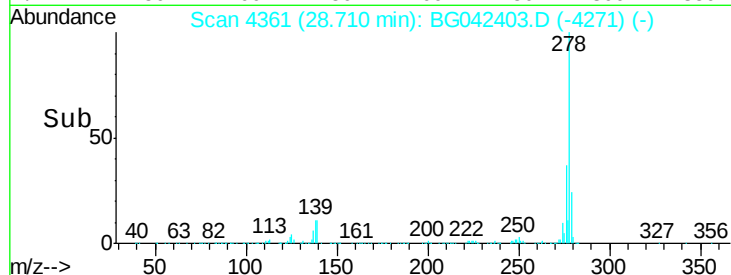
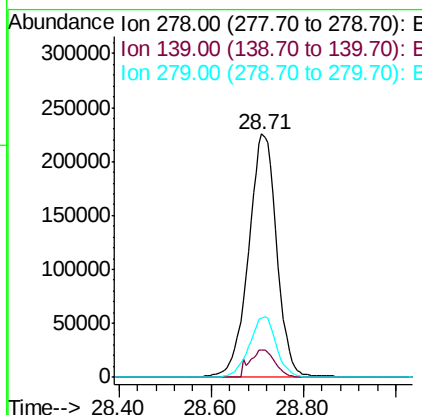
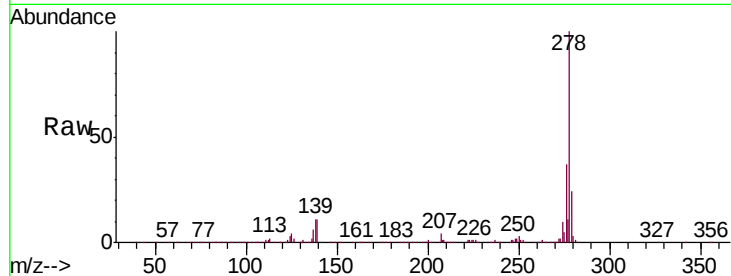




#91  
Dibenzo(a,h)anthracene  
Concen: 41.768 ng  
RT: 28.71 min Scan# 4361  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

Instrument :  
BNA\_G  
ClientSampleId :  
ICVBG082219

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 11.2  | 8.8   | 13.2  |
| 279     | 24.4  | 19.1  | 28.7  |



#92  
Benzo(g,h,i)perylene  
Concen: 41.434 ng  
RT: 29.81 min Scan# 4549  
Delta R.T. -0.00 min  
Lab File: BG042403.D  
Acq: 22 Aug 2019 16:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.9  | 19.8  | 29.8  |
| 138     | 13.9  | 11.4  | 17.0  |

