

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG041919\  
 Data File : BG040558.D  
 Acq On : 19 Apr 2019 12:38  
 Operator : JU/SJ  
 Sample : PB119042BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119042BS

Quant Time: Apr 20 01:52:58 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG032719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 13 00:33:11 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.03  | 152  | 45736    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.85 | 136  | 270170   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.66 | 164  | 151004   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.41 | 188  | 406456   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.68 | 240  | 393701   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 24.94 | 264  | 352559   | 20.00 | ng    | -0.03    |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.58  | 112 | 407890  | 148.26 | ng | -0.02 |
| 7) Phenol-d6             | 7.19  | 99  | 576578  | 151.64 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.21  | 82  | 356300  | 70.10  | ng | 0.00  |
| 42) 2,4,6-Tribromophenol | 16.15 | 330 | 256179  | 156.98 | ng | 0.00  |
| 45) 2-Fluorobiphenyl     | 13.29 | 172 | 846161  | 83.03  | ng | 0.00  |
| 79) Terphenyl-d14        | 20.01 | 244 | 1881530 | 107.51 | ng | 0.00  |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.47  | 88  | 42514  | 32.864 | ng | 98     |
| 3) Pyridine                    | 3.87  | 79  | 107834 | 30.959 | ng | 90     |
| 4) n-Nitrosodimethylamine      | 3.80  | 42  | 64712  | 40.165 | ng | # 98   |
| 6) Aniline                     | 7.36  | 93  | 172977 | 35.017 | ng | 96     |
| 8) 2-Chlorophenol              | 7.59  | 128 | 146490 | 45.486 | ng | 95     |
| 9) Benzaldehyde                | 7.17  | 77  | 52378  | 20.083 | ng | 96     |
| 10) Phenol                     | 7.22  | 94  | 194575 | 47.147 | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93  | 135980 | 41.138 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.92  | 146 | 136923 | 39.111 | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 137247 | 39.361 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.39  | 146 | 164781 | 49.418 | ng | 98     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 173105 | 56.532 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.55  | 45  | 259021 | 40.831 | ng | 97     |
| 17) 2-Methylphenol             | 8.47  | 107 | 132687 | 46.463 | ng | 98     |
| 18) Hexachloroethane           | 9.10  | 117 | 50349  | 37.961 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70  | 117051 | 42.938 | ng | 98     |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 189544 | 48.994 | ng | 98     |
| 22) Acetophenone               | 8.86  | 105 | 220152 | 32.667 | ng | 97     |
| 24) Nitrobenzene               | 9.25  | 77  | 172348 | 32.744 | ng | 97     |
| 25) Isophorone                 | 9.76  | 82  | 347838 | 33.260 | ng | 99     |
| 26) 2-Nitrophenol              | 9.96  | 139 | 84030  | 33.693 | ng | 93     |
| 27) 2,4-Dimethylphenol         | 10.00 | 122 | 153093 | 38.644 | ng | 100    |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93  | 194993 | 31.514 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 156915 | 36.492 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.70 | 180 | 192734 | 40.820 | ng | 97     |
| 31) Naphthalene                | 10.89 | 128 | 549201 | 39.659 | ng | 100    |
| 32) Benzoic acid               | 10.16 | 122 | 36365m | 15.193 | ng |        |
| 33) 4-Chloroaniline            | 11.01 | 127 | 169765 | 28.740 | ng | 98     |
| 34) Hexachlorobutadiene        | 11.15 | 225 | 86339  | 28.592 | ng | 94     |
| 35) Caprolactam                | 11.81 | 113 | 71615m | 41.968 | ng |        |
| 36) 4-Chloro-3-methylphenol    | 12.12 | 107 | 199216 | 40.299 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 355603 | 34.720 | ng | 96     |
| 38) 1-Methylnaphthalene        | 12.72 | 142 | 344976 | 34.735 | ng | 97     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 178678 | 37.229 | ng | 99     |

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 Sample : PB119042BS  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

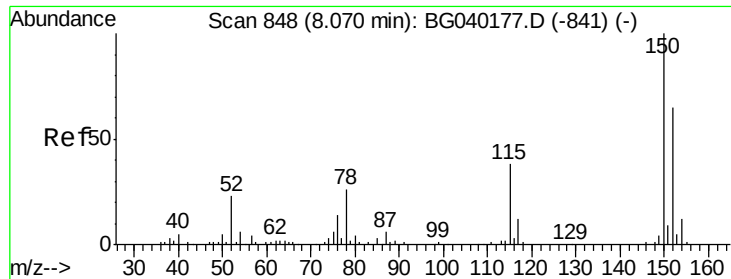
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119042BS

Quant Time: Apr 20 01:52:58 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG032719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Apr 13 00:33:11 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.82 | 237  | 177102   | 67.205 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.10 | 196  | 137408   | 44.406 | ng    | 96       |
| 44) 2,4,5-Trichlorophenol      | 13.18 | 196  | 152017   | 45.072 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.50 | 154  | 470751   | 39.455 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.55 | 162  | 372904   | 40.745 | ng    | 98       |
| 48) 2-Nitroaniline             | 13.76 | 65   | 145198   | 47.034 | ng    | 90       |
| 49) Acenaphthylene             | 14.39 | 152  | 639526   | 41.214 | ng    | 99       |
| 50) Dimethylphthalate          | 14.12 | 163  | 524019   | 44.340 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.25 | 165  | 119553   | 45.053 | ng    | 99       |
| 52) Acenaphthene               | 14.73 | 154  | 374405   | 42.108 | ng    | 95       |
| 53) 3-Nitroaniline             | 14.59 | 138  | 96246    | 34.264 | ng    | 89       |
| 54) 2,4-Dinitrophenol          | 14.79 | 184  | 120065   | 85.077 | ng    | 97       |
| 55) Dibenzofuran               | 15.06 | 168  | 619054   | 43.329 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.89 | 139  | 211912   | 93.475 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.04 | 165  | 171342   | 46.469 | ng    | 95       |
| 58) Fluorene                   | 15.71 | 166  | 494815   | 44.050 | ng    | 98       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 153799   | 50.251 | ng    | 98       |
| 60) Diethylphthalate           | 15.47 | 149  | 561578   | 46.437 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.70 | 204  | 260328   | 43.356 | ng    | 93       |
| 62) 4-Nitroaniline             | 15.75 | 138  | 134390   | 44.582 | ng    | 94       |
| 63) Azobenzene                 | 15.99 | 77   | 511652   | 44.853 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 96122    | 42.093 | ng    | 99       |
| 66) n-Nitrosodiphenylamine     | 15.92 | 169  | 476404   | 40.054 | ng    | 97       |
| 67) 4-Bromophenyl-phenylether  | 16.59 | 248  | 176436   | 38.573 | ng    | 94       |
| 68) Hexachlorobenzene          | 16.71 | 284  | 180151   | 39.172 | ng    | 95       |
| 69) Atrazine                   | 16.86 | 200  | 175534   | 39.673 | ng    | 98       |
| 70) Pentachlorophenol          | 17.06 | 266  | 190063   | 71.483 | ng    | 95       |
| 71) Phenanthrene               | 17.45 | 178  | 864267   | 40.454 | ng    | 99       |
| 72) Anthracene                 | 17.55 | 178  | 879369   | 41.123 | ng    | 99       |
| 73) Carbazole                  | 17.82 | 167  | 851278   | 42.065 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.35 | 149  | 1005933  | 41.934 | ng    | 100      |
| 75) Fluoranthene               | 19.46 | 202  | 1372408  | 54.250 | ng    | 96       |
| 77) Benzidine                  | 19.64 | 184  | 537797   | 37.828 | ng    | 97       |
| 78) Pyrene                     | 19.82 | 202  | 1363362  | 52.659 | ng    | 98       |
| 80) Butylbenzylphthalate       | 20.69 | 149  | 640225   | 57.788 | ng    | 99       |
| 81) Benzo(a)anthracene         | 21.67 | 228  | 939689   | 38.750 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 269331   | 29.197 | ng    | 97       |
| 83) Chrysene                   | 21.73 | 228  | 930263   | 39.916 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.53 | 149  | 657364   | 41.509 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.75 | 149  | 1121239  | 41.555 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.70 | 276  | 1141259  | 40.038 | ng    | # 92     |
| 88) Benzo(b)fluoranthene       | 23.90 | 252  | 998806   | 46.273 | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 23.97 | 252  | 955566   | 48.140 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.80 | 252  | 982630   | 48.519 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.76 | 278  | 928949   | 49.387 | ng    | 100      |
| 92) Benzo(g,h,i)perylene       | 29.89 | 276  | 960784   | 49.703 | ng    | 98       |

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



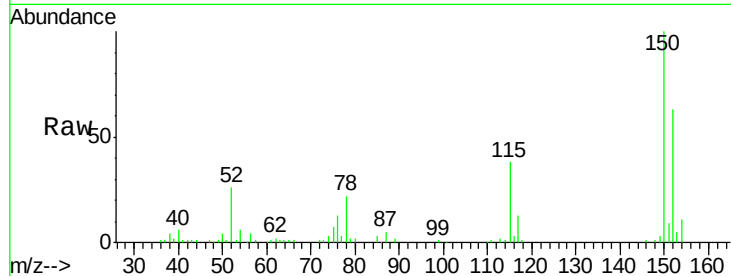


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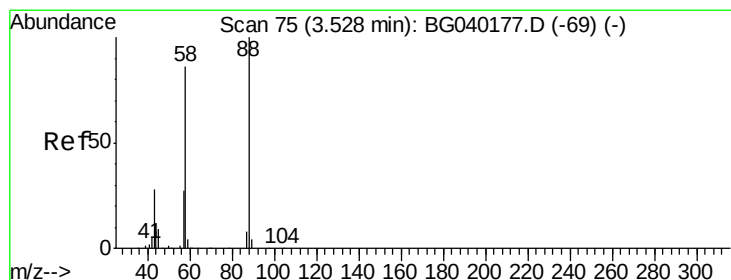
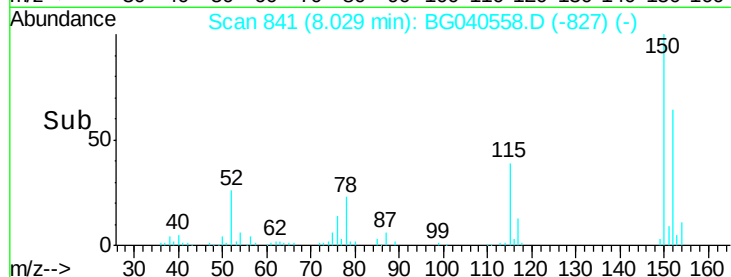
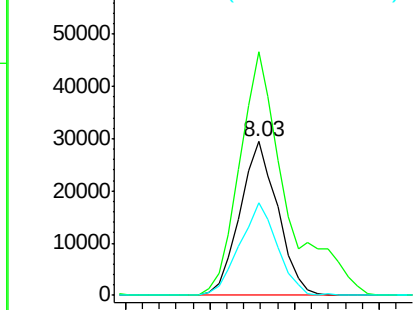
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.03 min Scan# 841  
Delta R.T. -0.02 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Instrument :  
BNA\_G  
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PB119042BS

Tgt Ion:152 Resp: 45736  
Ion Ratio Lower Upper  
152 100  
150 158.7 123.7 185.5  
115 60.6 46.9 70.3



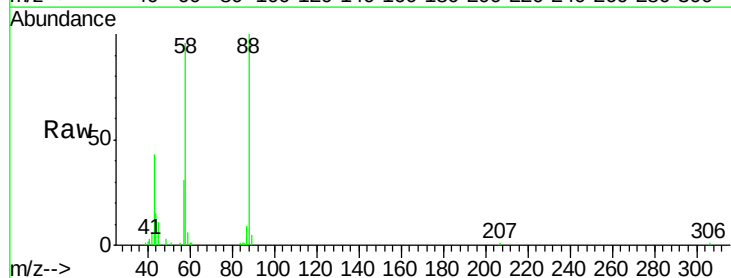
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



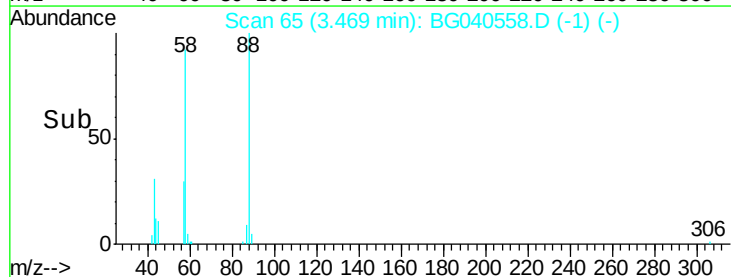
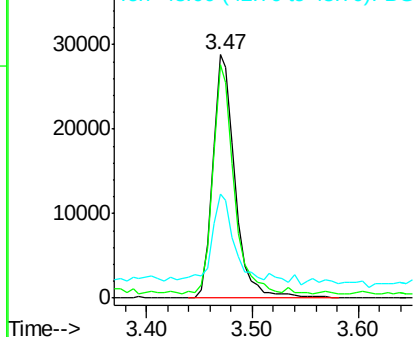
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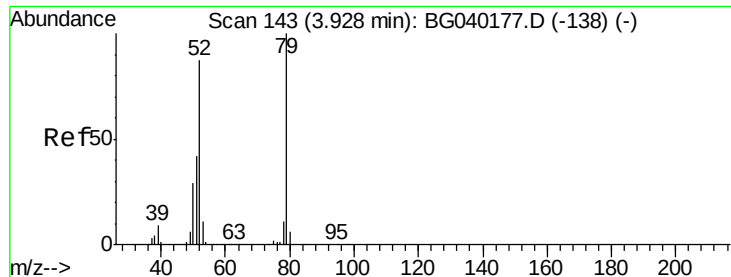
1,4-Dioxane  
Concen: 32.864 ng  
RT: 3.47 min Scan# 65  
Delta R.T. -0.03 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Tgt Ion: 88 Resp: 42514  
Ion Ratio Lower Upper  
88 100  
58 89.3 70.6 106.0  
43 33.1 24.8 37.2



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





#3

Pyridine

Concen: 30.959 ng

RT: 3.87 min Scan# 134

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

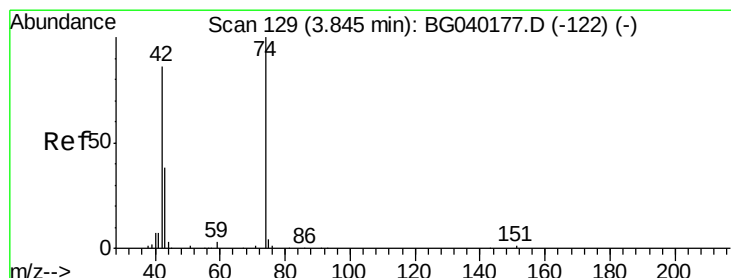
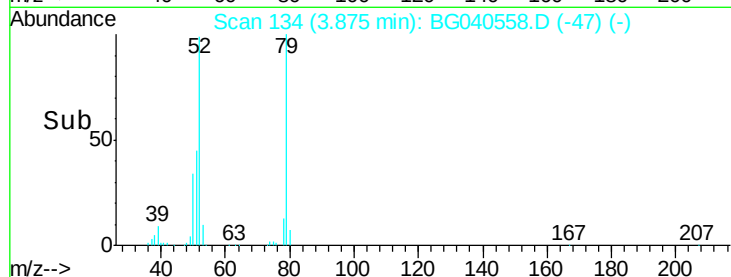
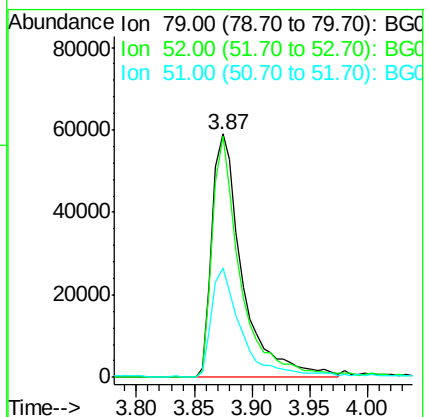
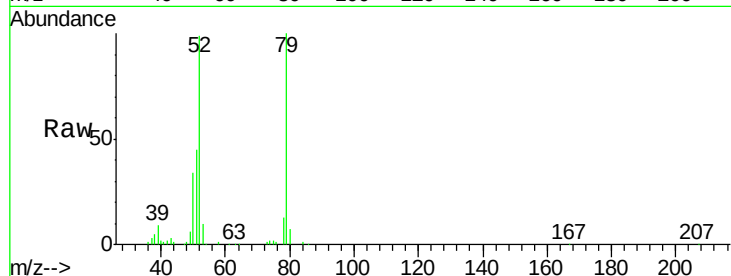
Tgt Ion: 79 Resp: 107834

Ion Ratio Lower Upper

79 100

52 98.8 69.8 104.8

51 45.1 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 40.165 ng

RT: 3.80 min Scan# 121

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

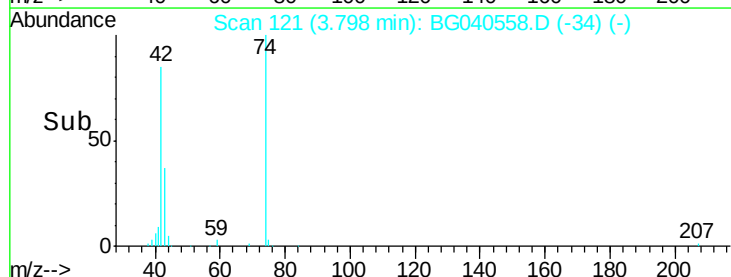
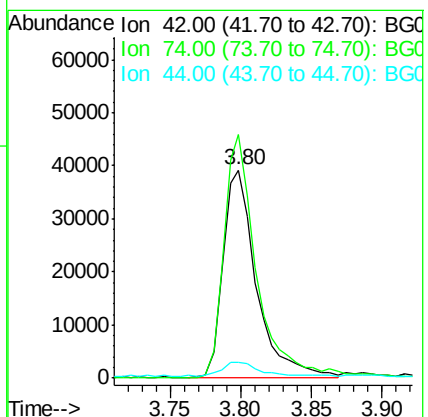
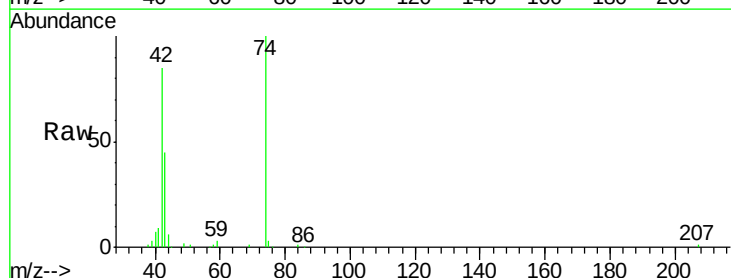
Tgt Ion: 42 Resp: 64712

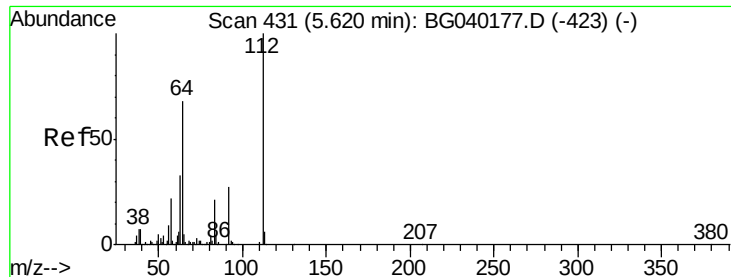
Ion Ratio Lower Upper

42 100

74 117.0 92.9 139.3

44 7.5 9.7 14.5#





#5

2-Fluorophenol

Concen: 148.260 ng

RT: 5.58 min Scan# 425

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

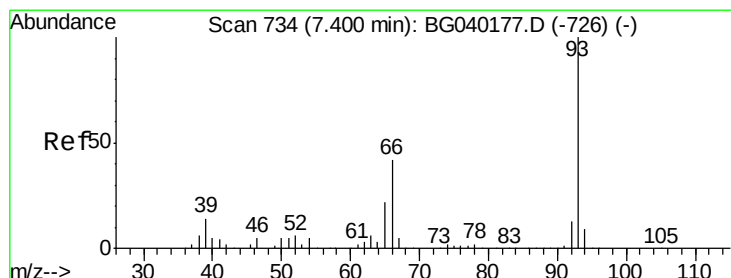
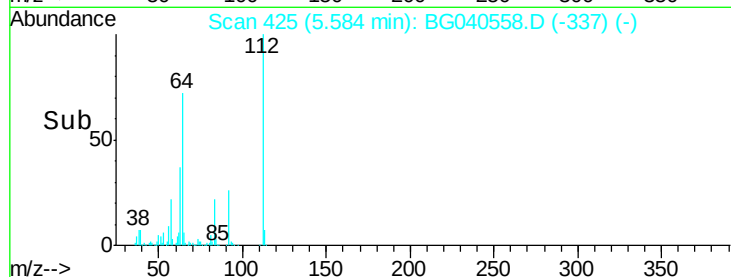
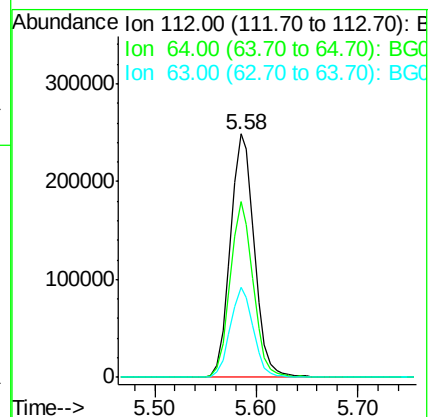
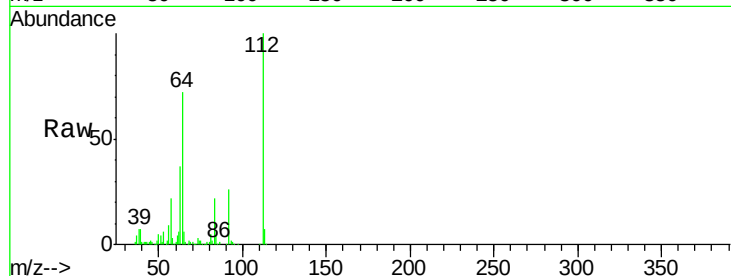
Tgt Ion: 112 Resp: 407890

Ion Ratio Lower Upper

112 100

64 72.3 54.2 81.2

63 37.0 26.4 39.6



#6

Aniline

Concen: 35.017 ng

RT: 7.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

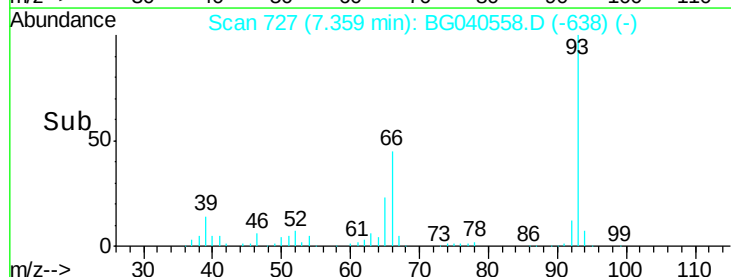
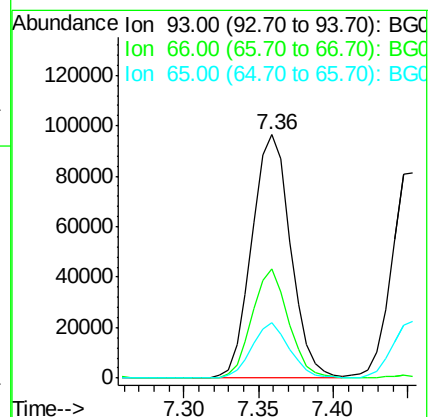
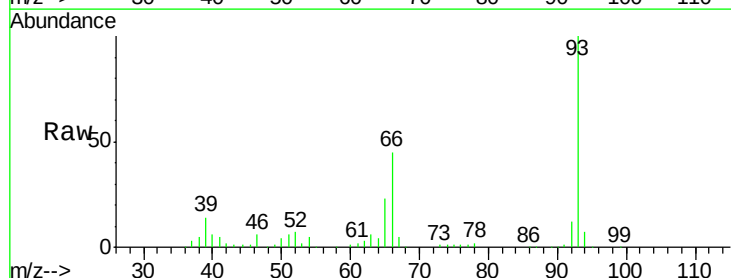
Tgt Ion: 93 Resp: 172977

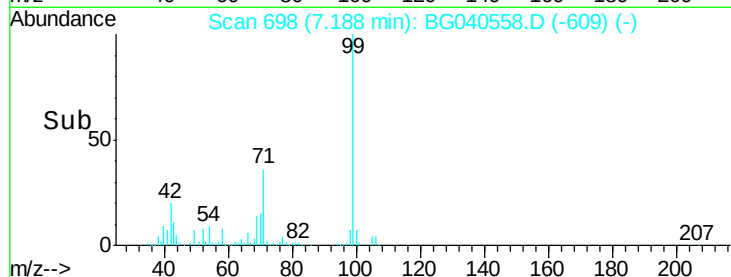
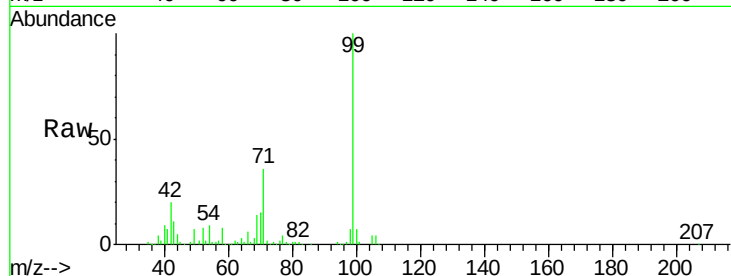
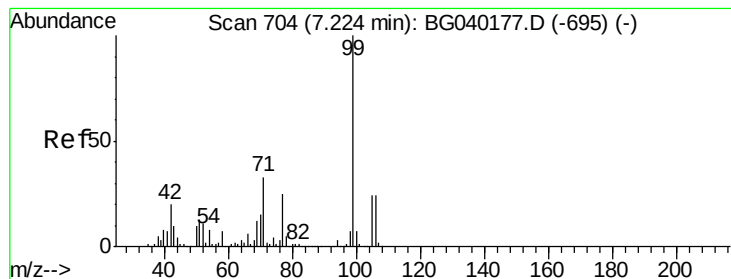
Ion Ratio Lower Upper

93 100

66 45.0 33.6 50.4

65 22.8 17.4 26.2





#7

Phenol-d6

Concen: 151.644 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

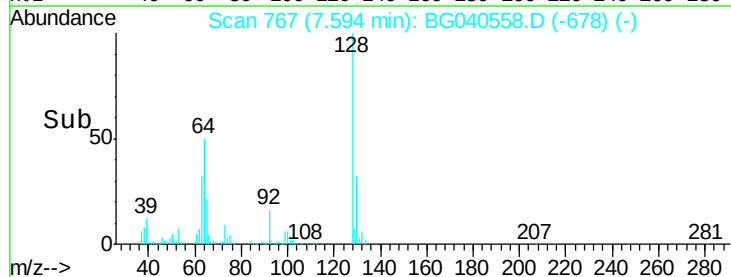
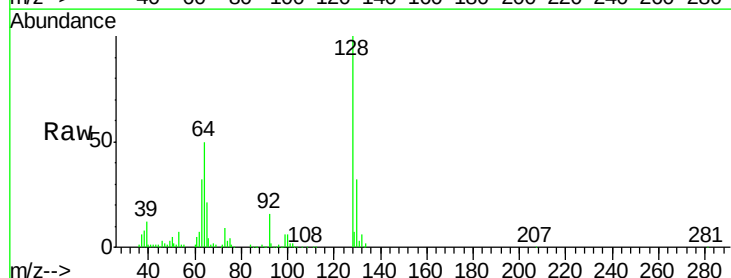
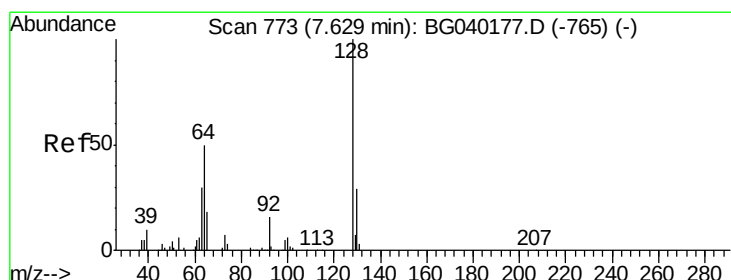
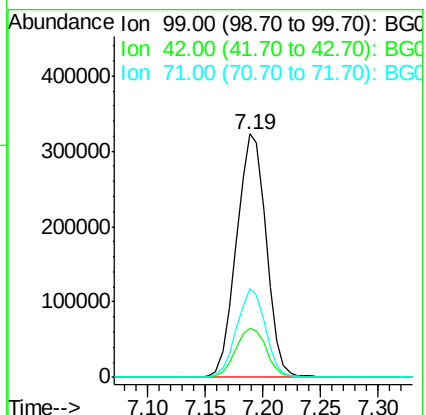
Tgt Ion: 99 Resp: 576578

Ion Ratio Lower Upper

99 100

42 20.3 16.2 24.2

71 36.4 26.8 40.2



#8

2-Chlorophenol

Concen: 45.486 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

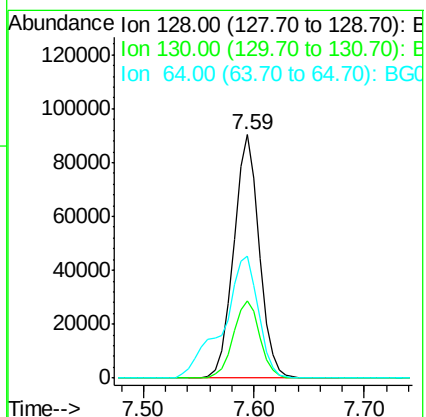
Tgt Ion: 128 Resp: 146490

Ion Ratio Lower Upper

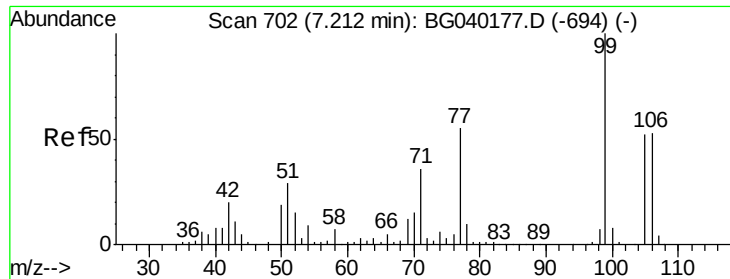
128 100

130 31.6 9.1 49.1

64 49.9 33.1 73.1







#9

Benzaldehyde

Concen: 20.083 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

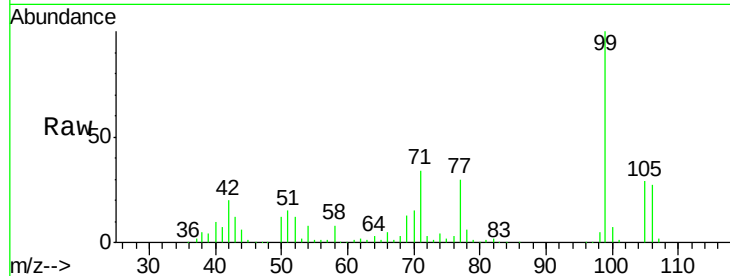
Tgt Ion: 77 Resp: 52378

Ion Ratio Lower Upper

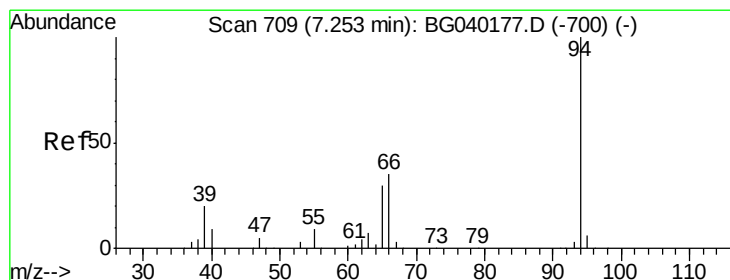
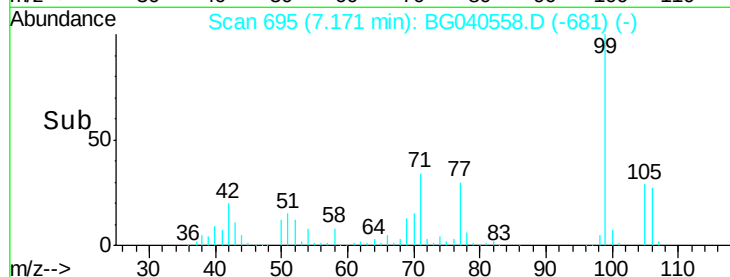
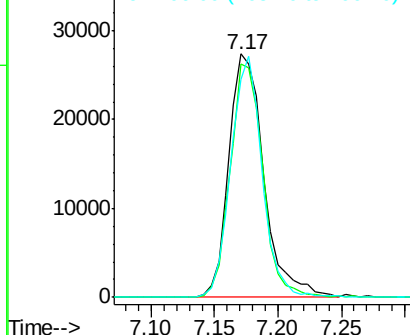
77 100

105 95.9 75.0 115.0

106 89.6 75.7 115.7



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: 47.147 ng

RT: 7.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

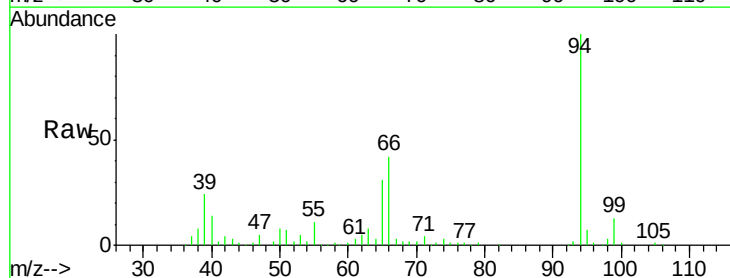
Tgt Ion: 94 Resp: 194575

Ion Ratio Lower Upper

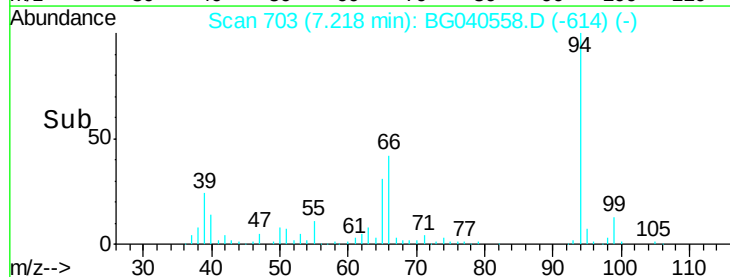
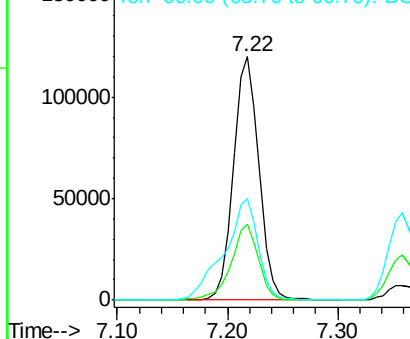
94 100

65 31.3 10.5 50.5

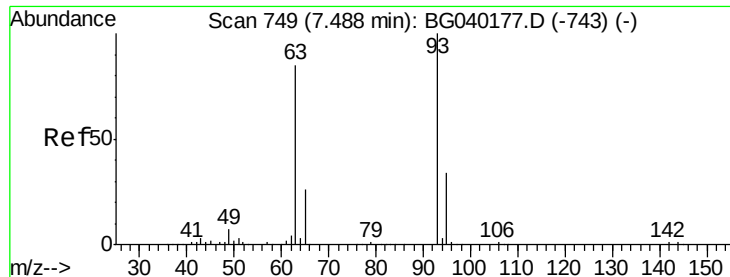
66 41.7 16.9 56.9



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



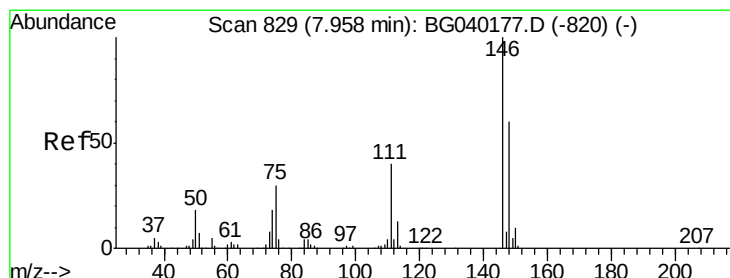
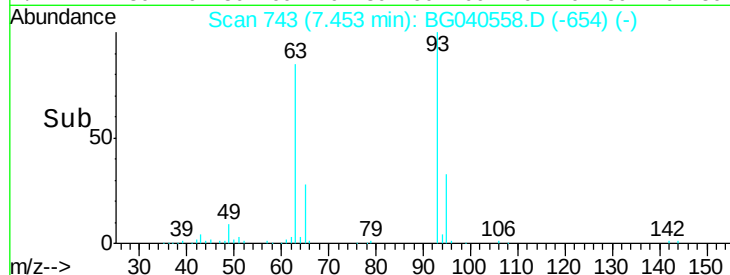
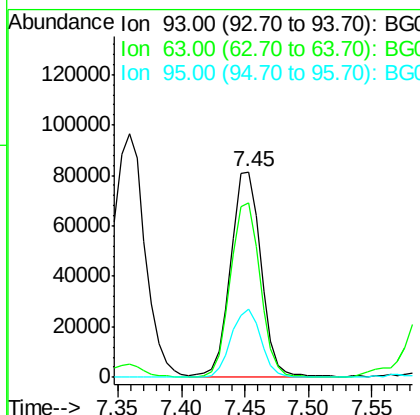
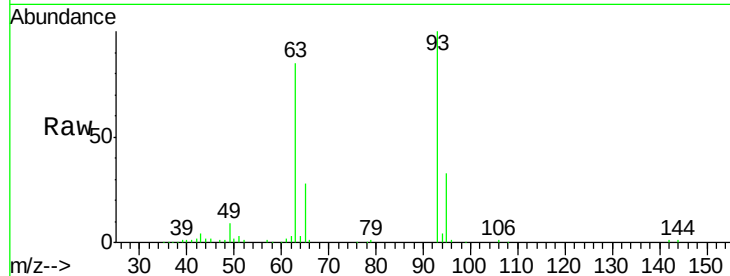




#11  
bis(2-Chloroethyl)ether  
Concen: 41.138 ng  
RT: 7.45 min Scan# 743  
Delta R.T. -0.01 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

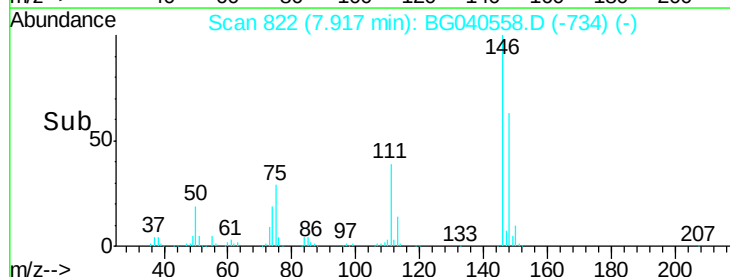
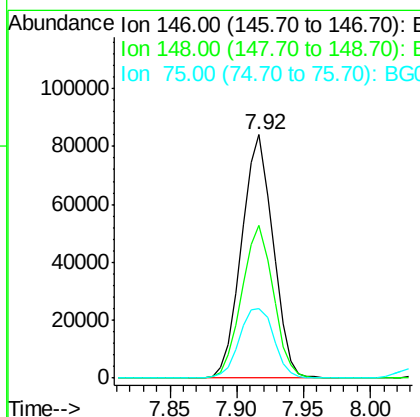
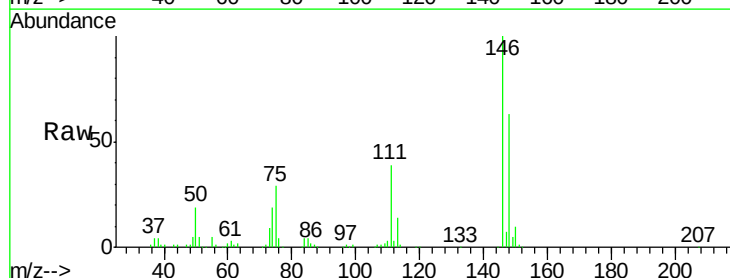
Instrument :  
BNA\_G  
ClientSampleId :  
PB119042BS

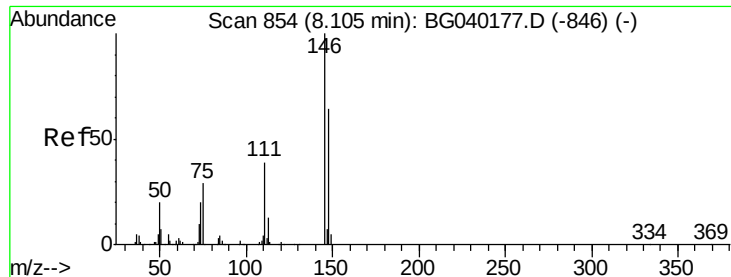
Tgt Ion: 93 Resp: 135980  
Ion Ratio Lower Upper  
93 100  
63 85.1 64.2 104.2  
95 33.5 14.0 54.0



#12  
1,3-Dichlorobenzene  
Concen: 39.111 ng  
RT: 7.92 min Scan# 822  
Delta R.T. -0.02 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Tgt Ion: 146 Resp: 136923  
Ion Ratio Lower Upper  
146 100  
148 62.7 48.2 72.2  
75 28.7 24.1 36.1

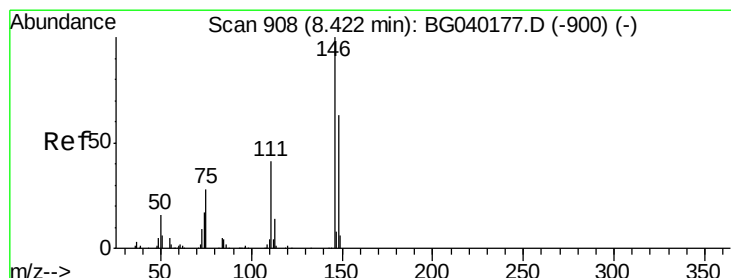
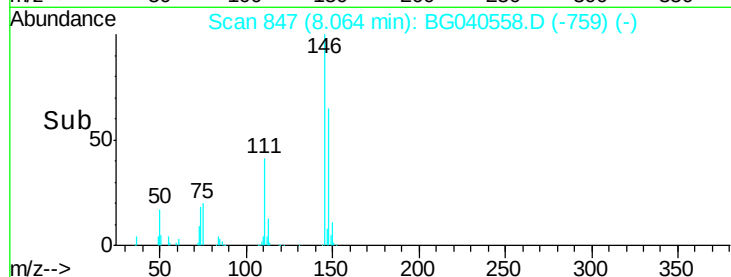
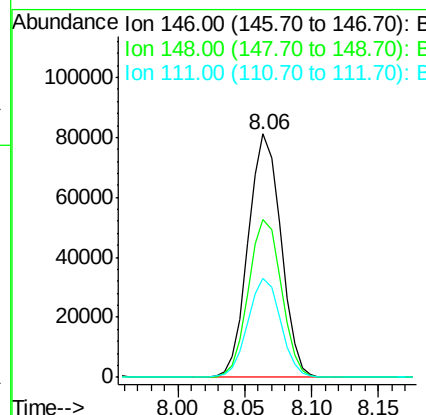
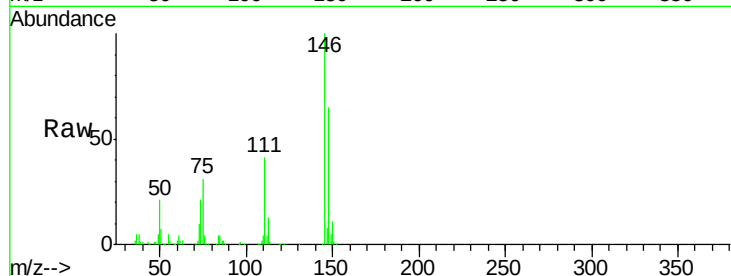




#13  
 1,4-Dichlorobenzene  
 Concen: 39.361 ng  
 RT: 8.06 min Scan# 847  
 Delta R.T. -0.02 min  
 Lab File: BG040558.D  
 Acq: 19 Apr 2019 12:38

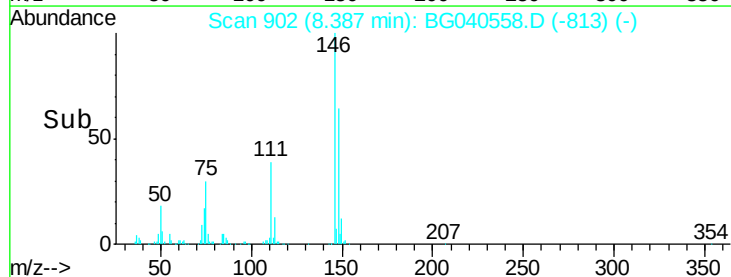
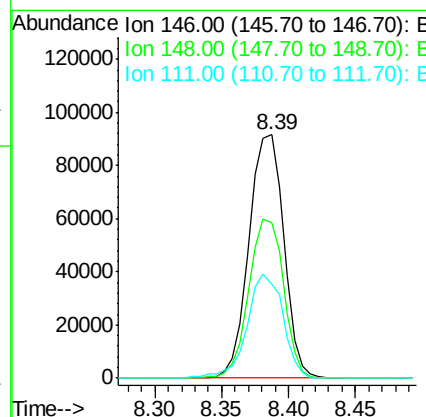
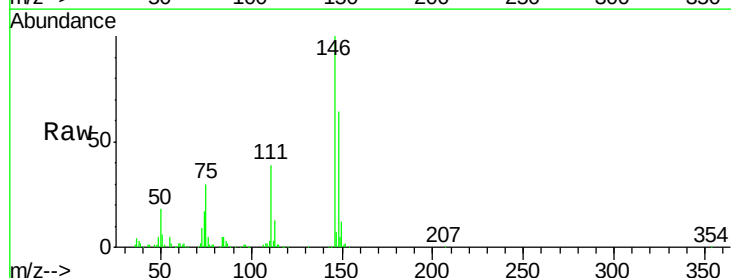
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119042BS

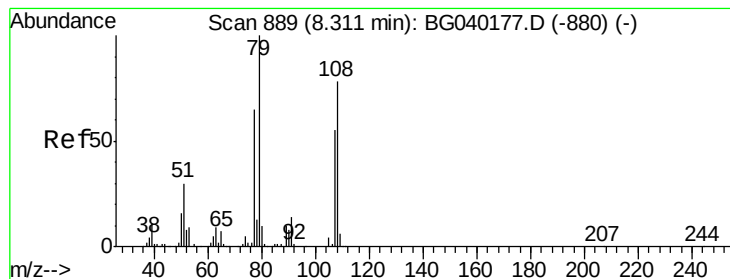
Tgt Ion:146 Resp: 137247  
 Ion Ratio Lower Upper  
 146 100  
 148 64.6 51.0 76.4  
 111 40.7 31.8 47.6



#14  
 1,2-Dichlorobenzene  
 Concen: 49.418 ng  
 RT: 8.39 min Scan# 902  
 Delta R.T. -0.01 min  
 Lab File: BG040558.D  
 Acq: 19 Apr 2019 12:38

Tgt Ion:146 Resp: 164781  
 Ion Ratio Lower Upper  
 146 100  
 148 64.0 50.8 76.2  
 111 38.6 33.4 50.0





#15

Benzyl Alcohol

Concen: 56.532 ng

RT: 8.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

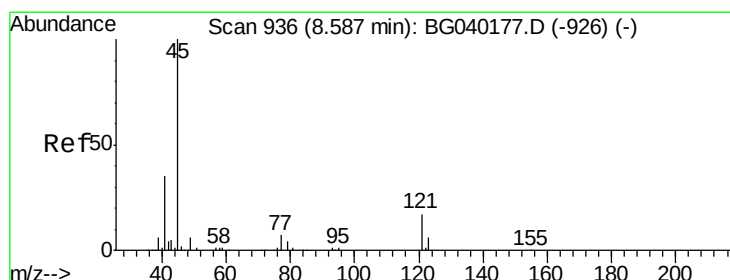
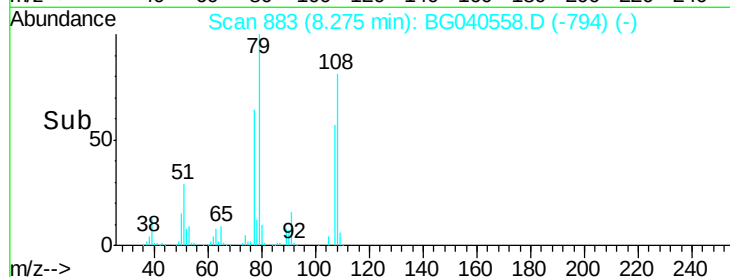
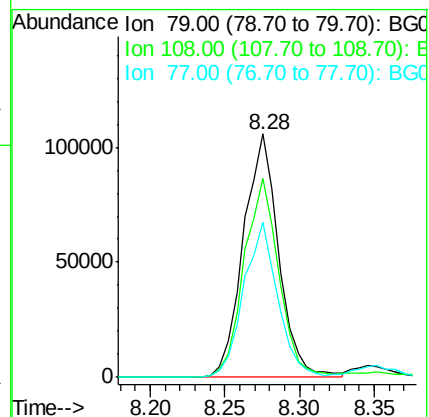
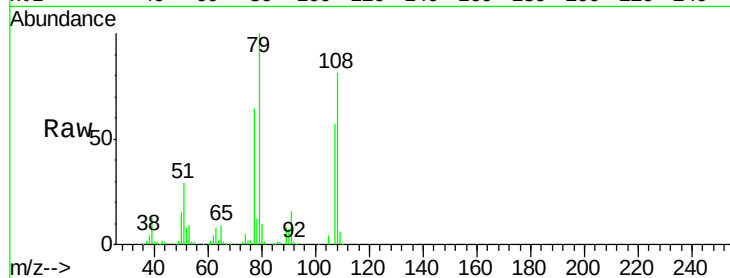
Tgt Ion: 79 Resp: 173105

Ion Ratio Lower Upper

79 100

108 81.5 62.1 93.1

77 63.8 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.831 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

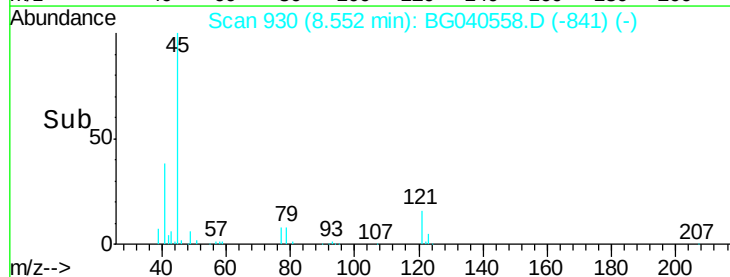
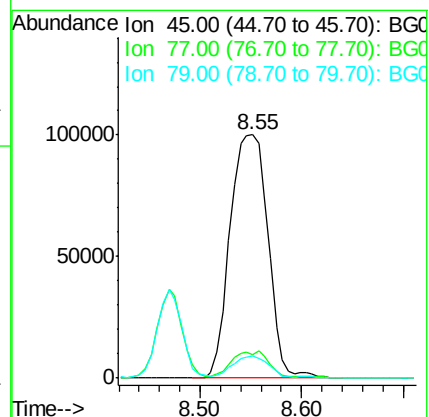
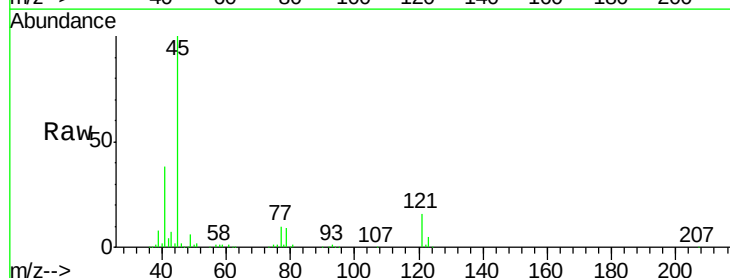
Tgt Ion: 45 Resp: 259021

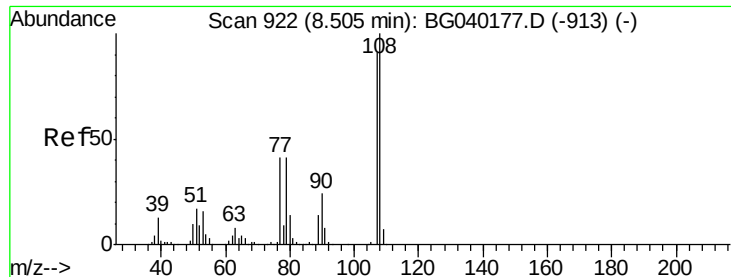
Ion Ratio Lower Upper

45 100

77 9.6 0.0 31.4

79 9.0 0.0 28.3

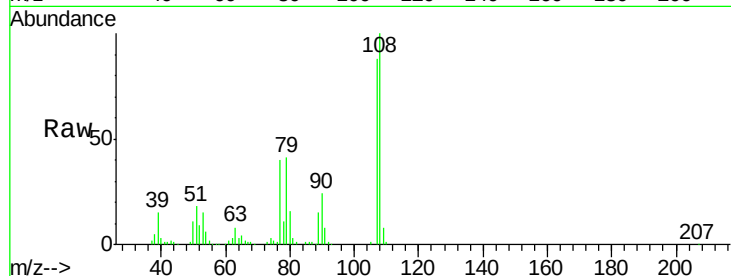




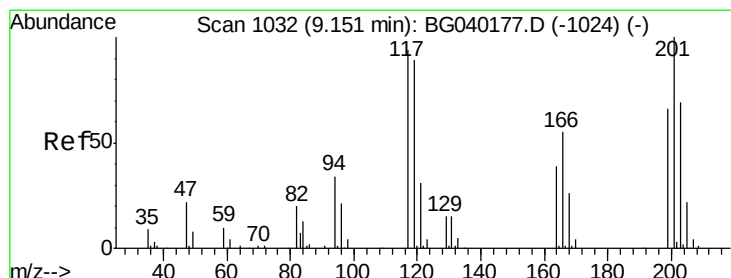
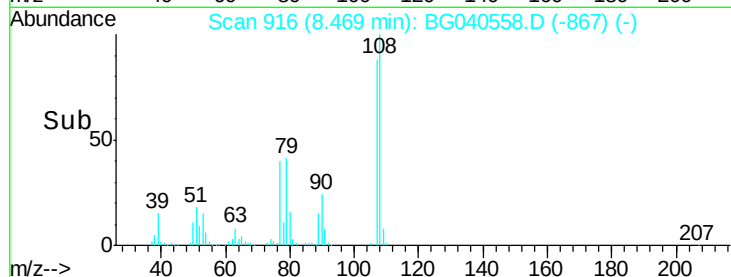
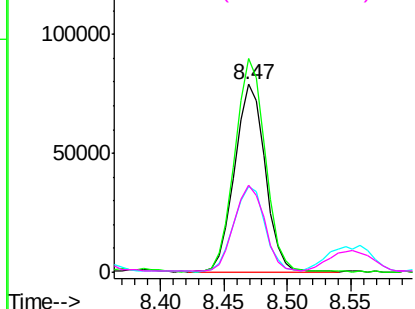
#17  
2-Methylphenol  
Concen: 46.463 ng  
RT: 8.47 min Scan# 916  
Delta R.T. -0.01 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB119042BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 132687 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 113.6 | 88.2  | 132.4  |
| 77       | 45.9  | 36.6  | 55.0   |
| 79       | 46.4  | 36.5  | 54.7   |

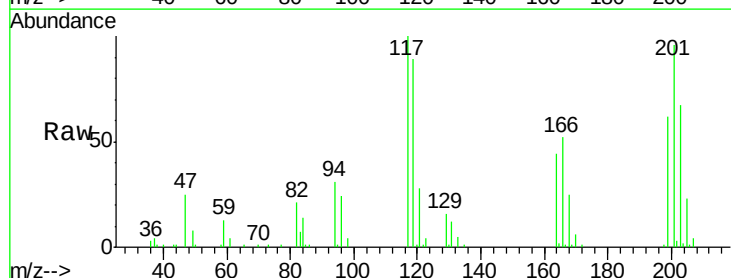


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

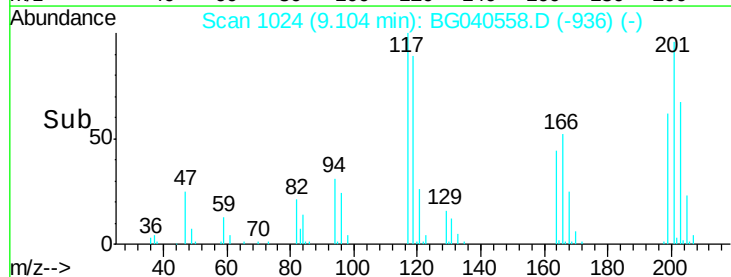
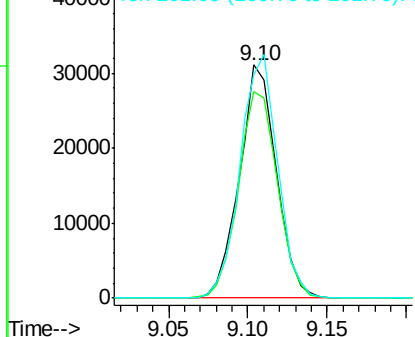


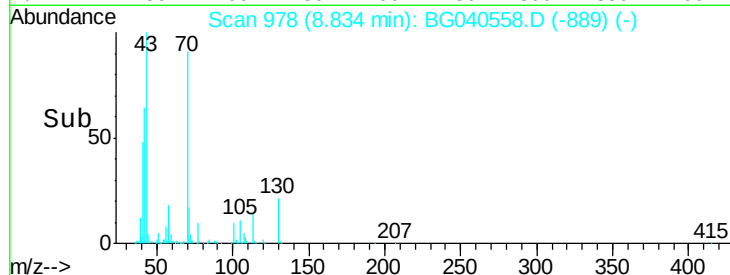
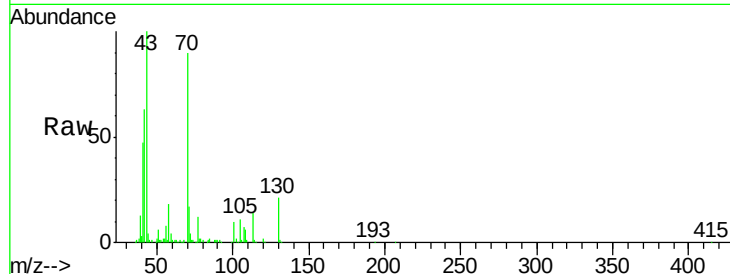
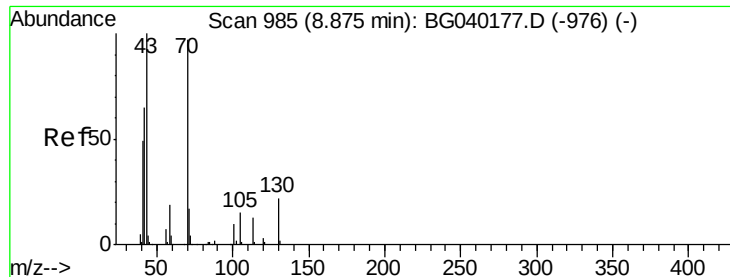
#18  
Hexachloroethane  
Concen: 37.961 ng  
RT: 9.10 min Scan# 1024  
Delta R.T. -0.02 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 50349 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 88.6  | 76.6  | 115.0 |
| 201      | 95.8  | 85.0  | 127.4 |



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

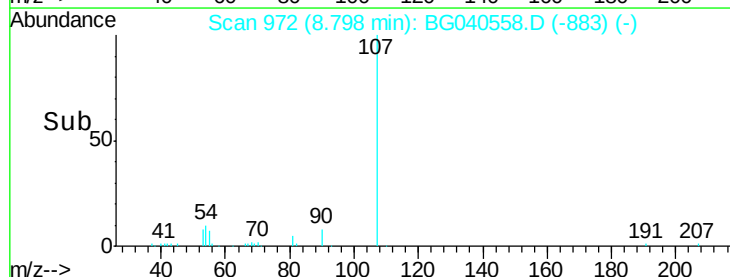
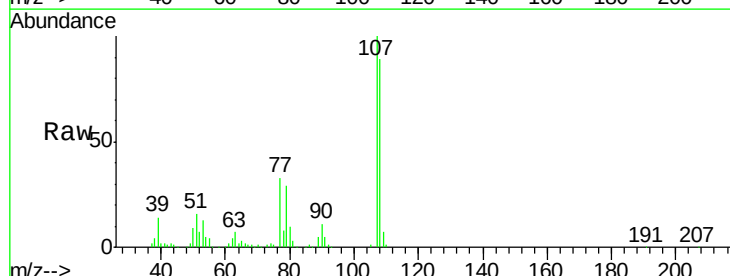
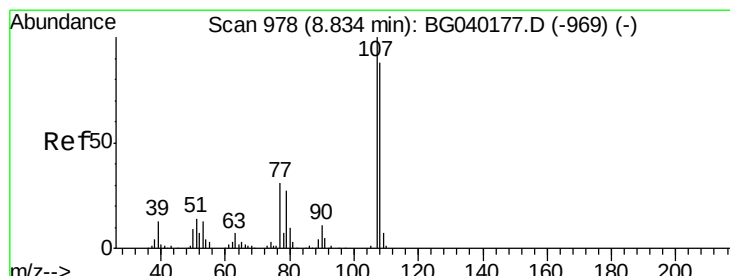
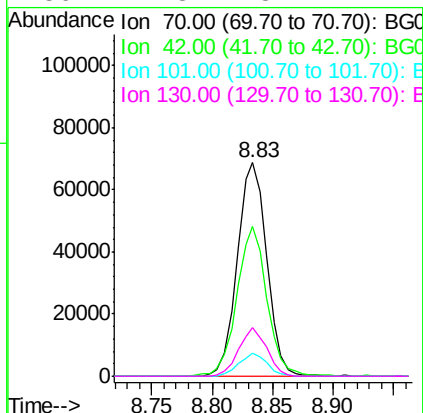




#19  
n-Nitroso-di-n-propylamine  
Concen: 42.938 ng  
RT: 8.83 min Scan# 978  
Delta R.T. -0.01 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

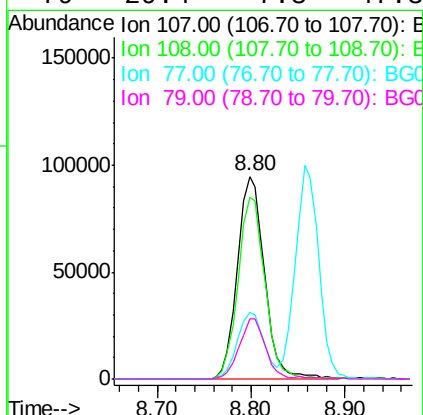
Instrument :  
BNA\_G  
ClientSampleId :  
PB119042BS

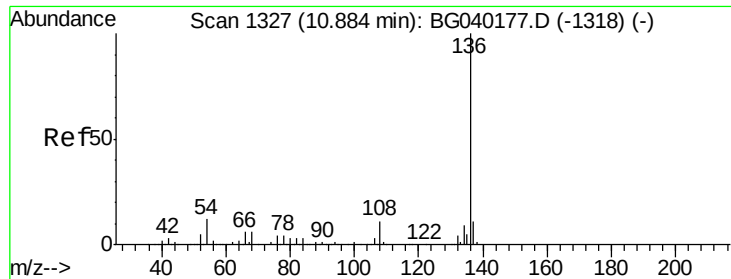
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 117051 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 70.2  | 54.0  | 81.0   |
| 101      | 10.7  | 8.6   | 13.0   |
| 130      | 22.8  | 18.2  | 27.2   |



#20  
3+4-Methylphenols  
Concen: 48.994 ng  
RT: 8.80 min Scan# 972  
Delta R.T. -0.01 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 189544 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 89.5  | 68.3  | 108.3  |
| 77       | 32.9  | 11.3  | 51.3   |
| 79       | 29.4  | 7.3   | 47.3   |

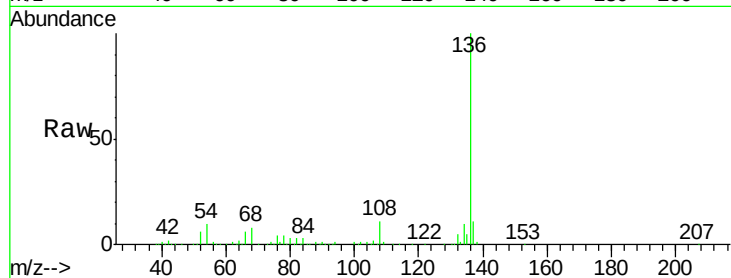




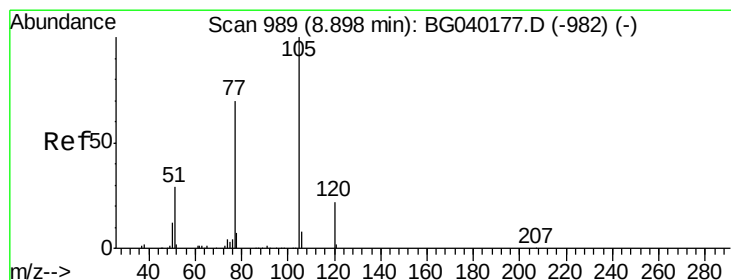
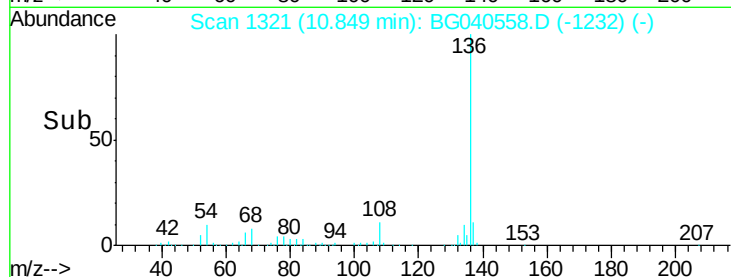
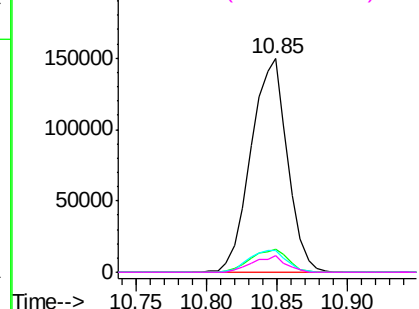
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.85 min Scan# 1321  
Delta R.T. -0.01 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB119042BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 270170 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 8.9   | 13.3   |
| 54       | 10.4  | 9.6   | 14.4   |
| 68       | 7.6   | 5.1   | 7.7    |

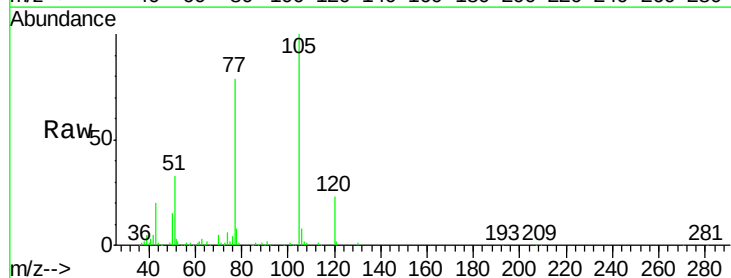


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

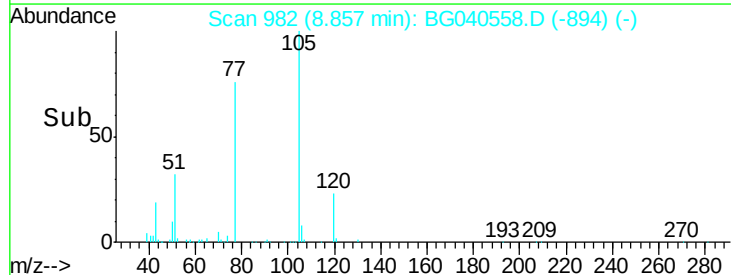
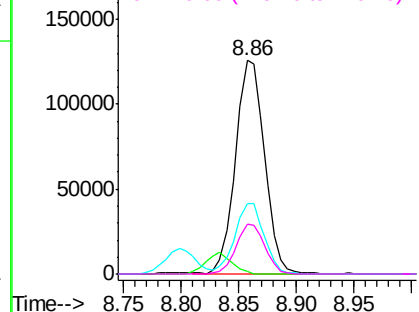


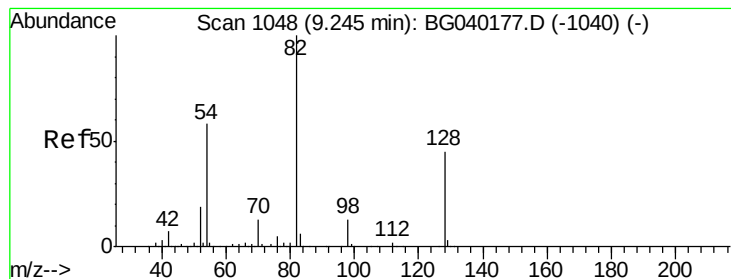
#22  
Acetophenone  
Concen: 32.667 ng  
RT: 8.86 min Scan# 982  
Delta R.T. -0.02 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 220152 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.0   | 0.6   | 1.0    |
| 51       | 32.9  | 25.1  | 37.7   |
| 120      | 23.4  | 17.6  | 26.4   |



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: 70.099 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

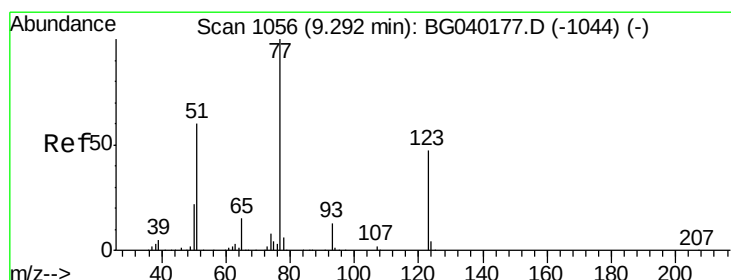
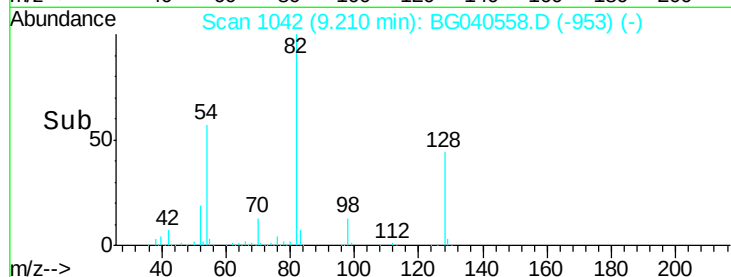
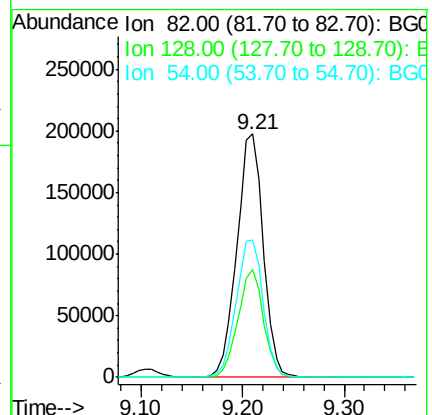
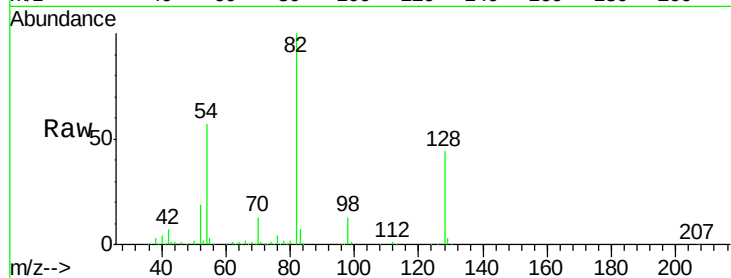
Tgt Ion: 82 Resp: 356300

Ion Ratio Lower Upper

82 100

128 44.3 35.8 53.8

54 56.6 46.2 69.2



#24

Nitrobenzene

Concen: 32.744 ng

RT: 9.25 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

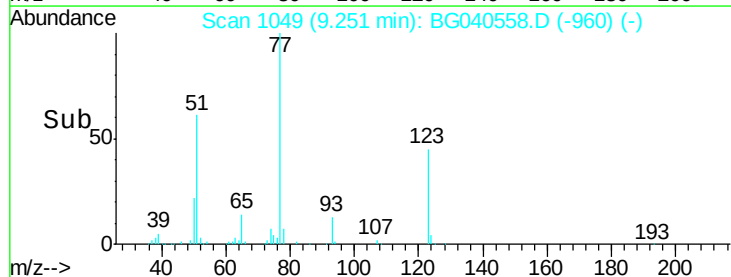
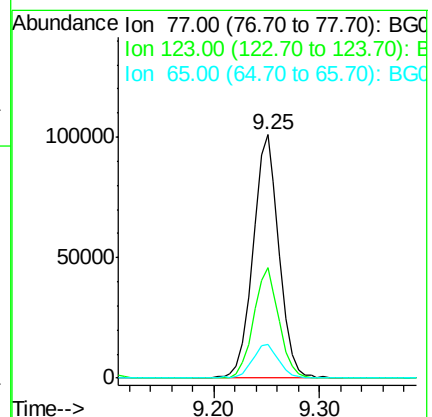
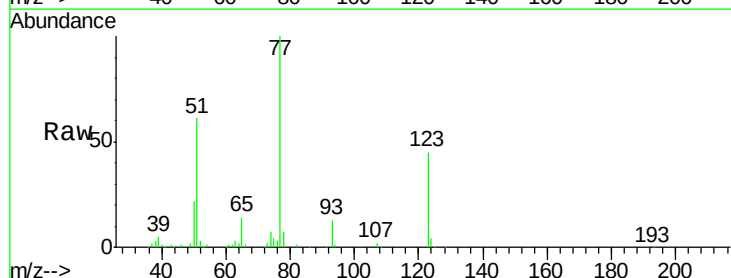
Tgt Ion: 77 Resp: 172348

Ion Ratio Lower Upper

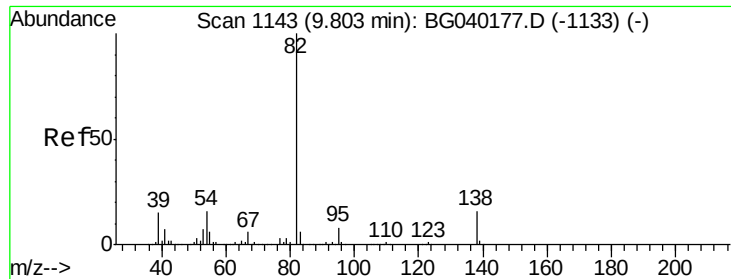
77 100

123 45.1 37.8 56.6

65 13.7 12.0 18.0







#25

Isophorone

Concen: 33.260 ng

RT: 9.76 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

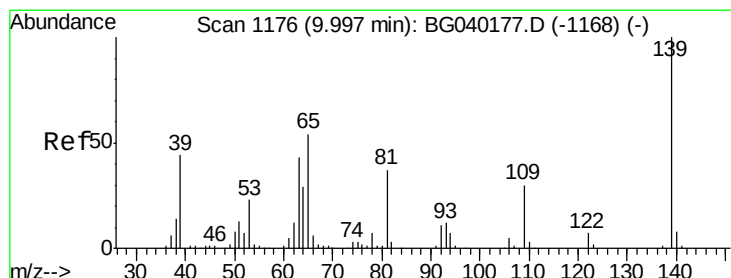
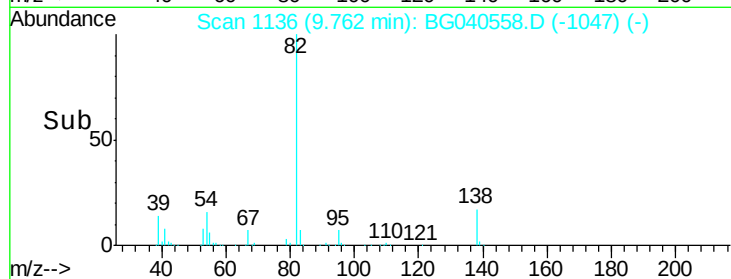
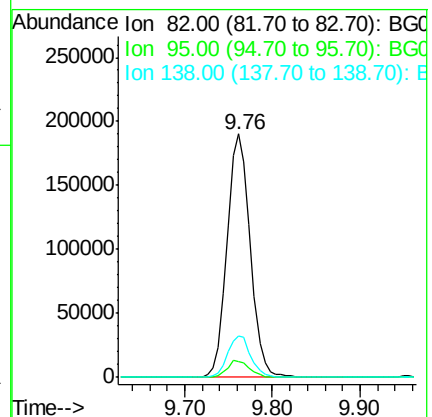
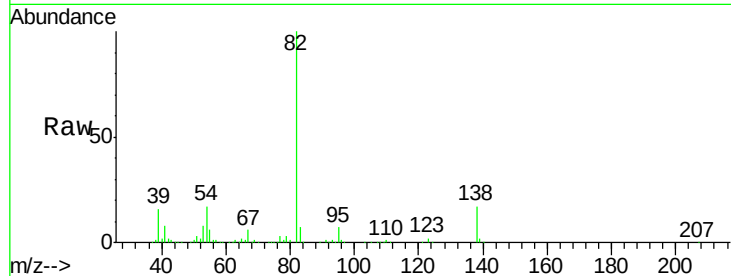
Tgt Ion: 82 Resp: 347838

Ion Ratio Lower Upper

82 100

95 6.7 6.1 9.1

138 16.9 13.2 19.8



#26

2-Nitrophenol

Concen: 33.693 ng

RT: 9.96 min Scan# 1169

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

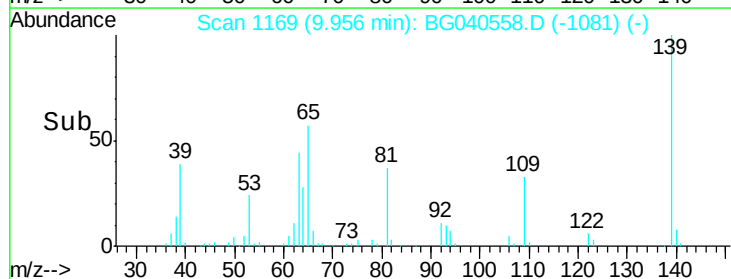
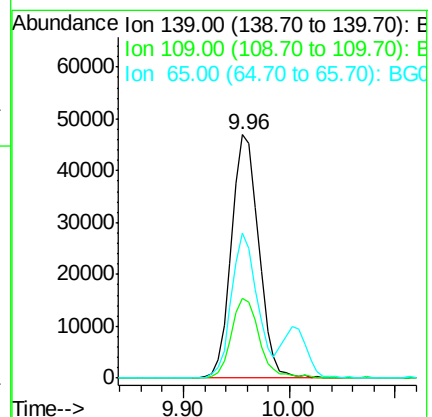
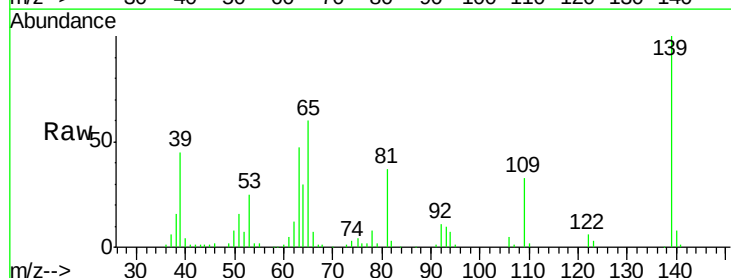
Tgt Ion: 139 Resp: 84030

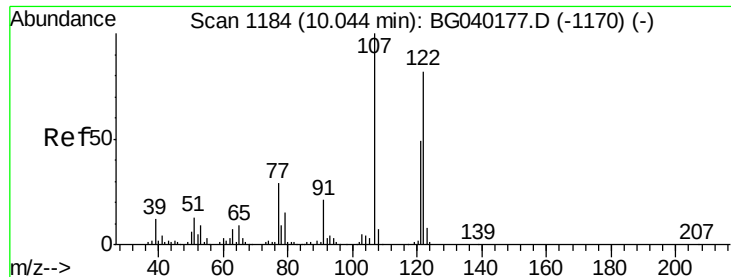
Ion Ratio Lower Upper

139 100

109 32.6 24.1 36.1

65 59.5 43.0 64.6

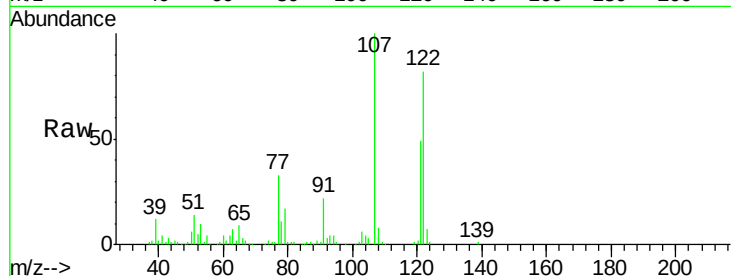




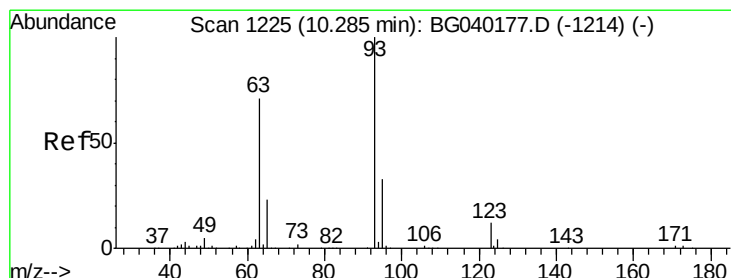
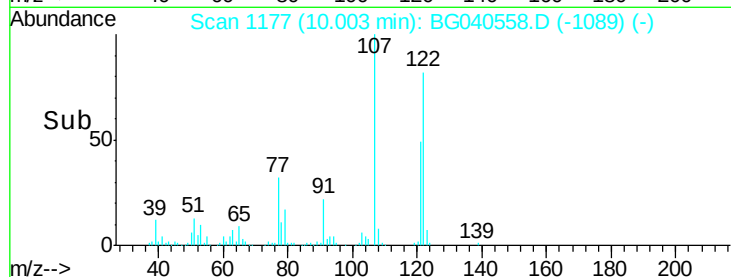
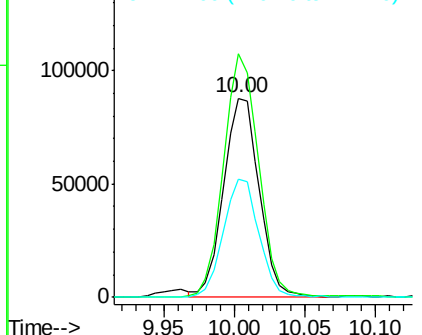
#27  
 2,4-Dimethylphenol  
 Concen: 38.644 ng  
 RT: 10.00 min Scan# 1177  
 Delta R.T. -0.02 min  
 Lab File: BG040558.D  
 Acq: 19 Apr 2019 12:38

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119042BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 122.3 | 97.4  | 146.2 |
| 121     | 59.4  | 47.7  | 71.5  |

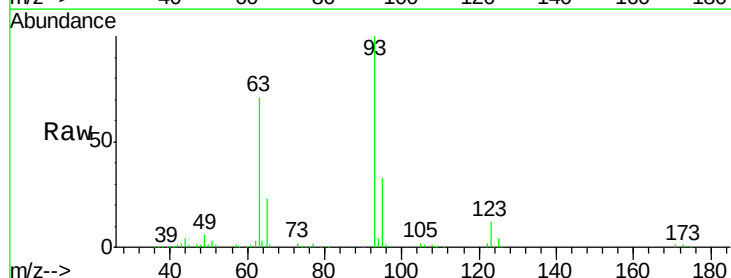


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

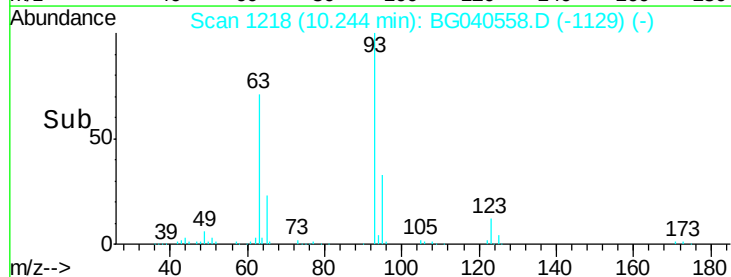
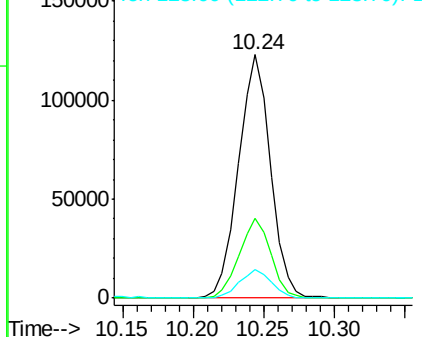


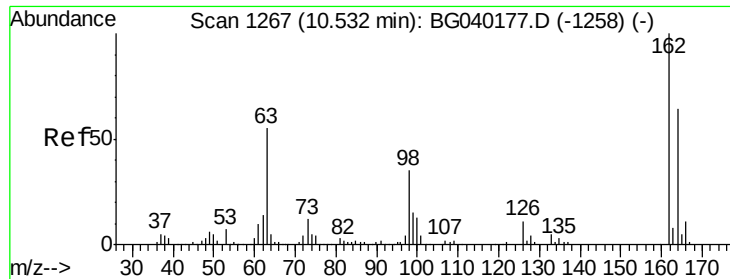
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 31.514 ng  
 RT: 10.24 min Scan# 1218  
 Delta R.T. -0.01 min  
 Lab File: BG040558.D  
 Acq: 19 Apr 2019 12:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.7  | 26.2  | 39.4  |
| 123     | 11.6  | 9.4   | 14.0  |



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

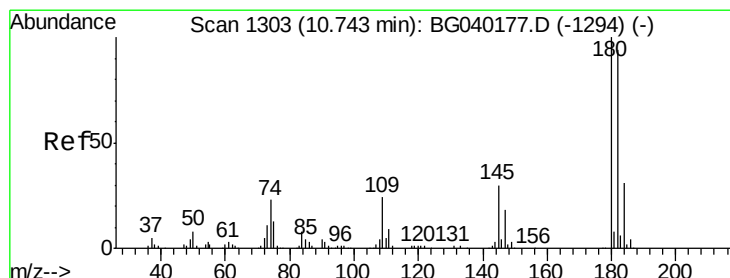
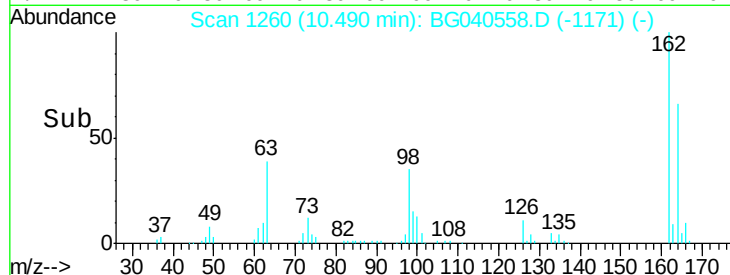
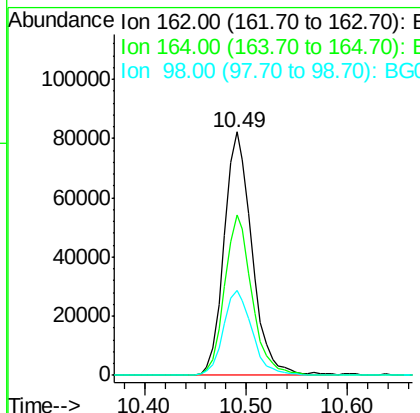
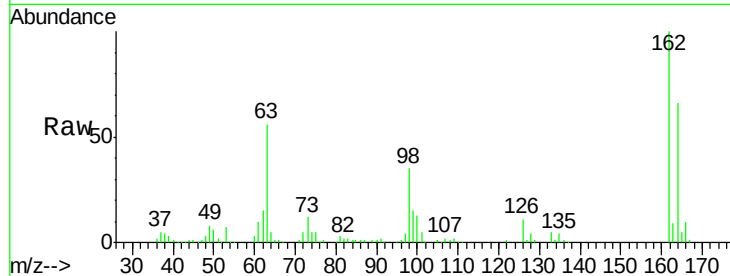




#29  
 2,4-Dichlorophenol  
 Concen: 36.492 ng  
 RT: 10.49 min Scan# 1260  
 Delta R.T. -0.01 min  
 Lab File: BG040558.D  
 Acq: 19 Apr 2019 12:38

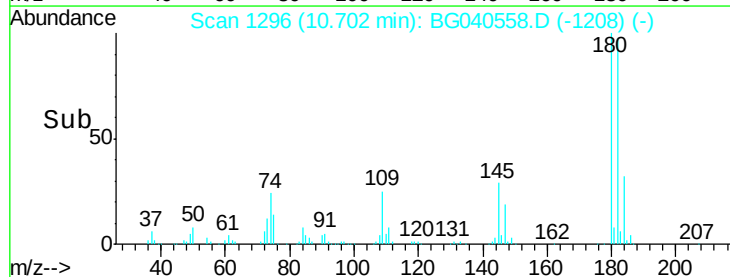
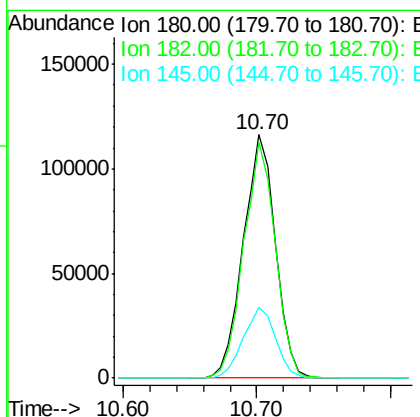
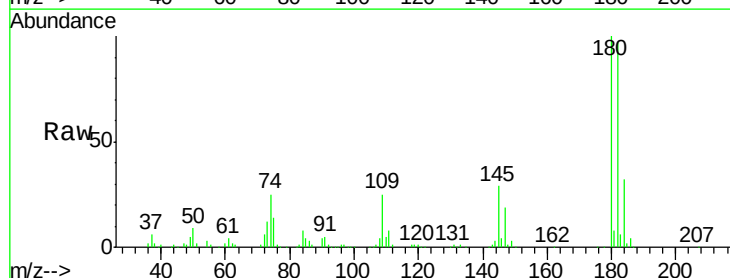
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119042BS

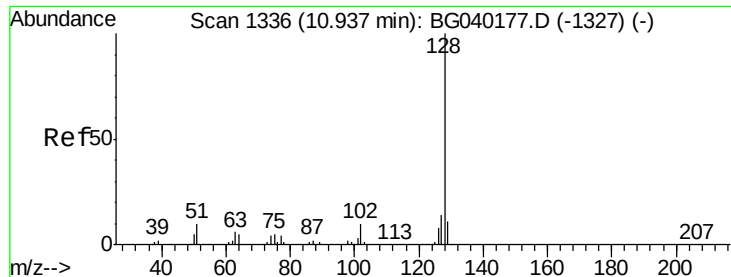
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.8  | 43.9  | 83.9  |
| 98      | 35.1  | 15.6  | 55.6  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.820 ng  
 RT: 10.70 min Scan# 1296  
 Delta R.T. -0.02 min  
 Lab File: BG040558.D  
 Acq: 19 Apr 2019 12:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.1  | 75.1  | 112.7 |
| 145     | 29.2  | 24.1  | 36.1  |

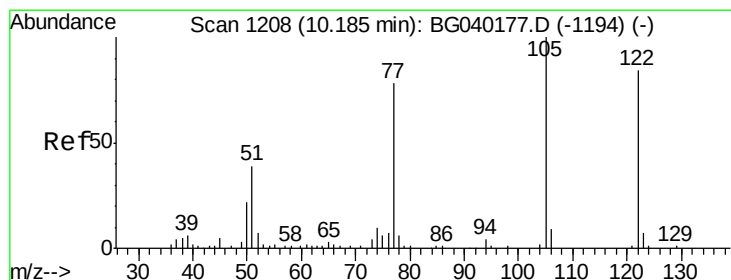
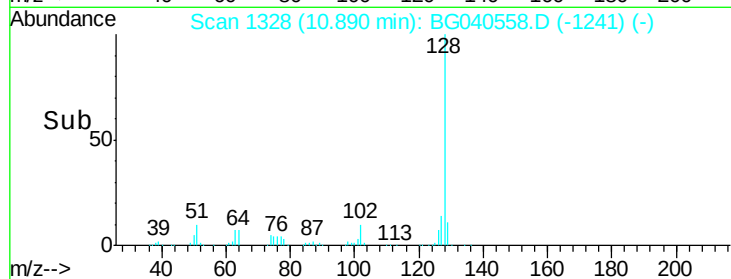
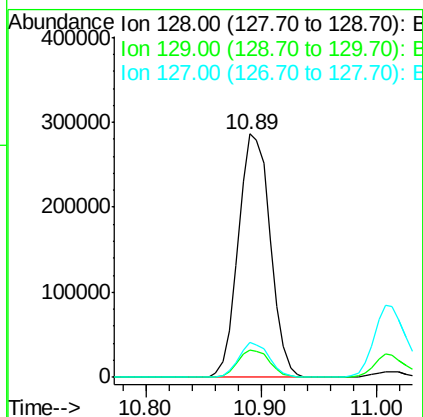
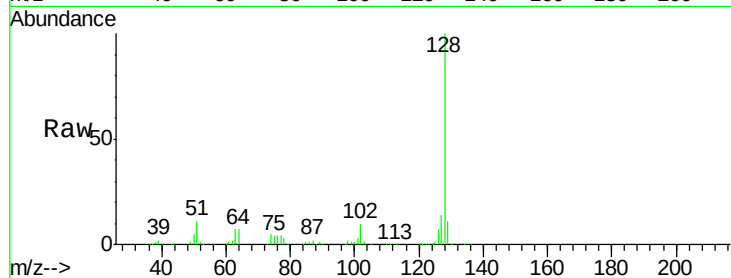




#31  
Naphthalene  
Concen: 39.659 ng  
RT: 10.89 min Scan# 1328  
Delta R.T. -0.02 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

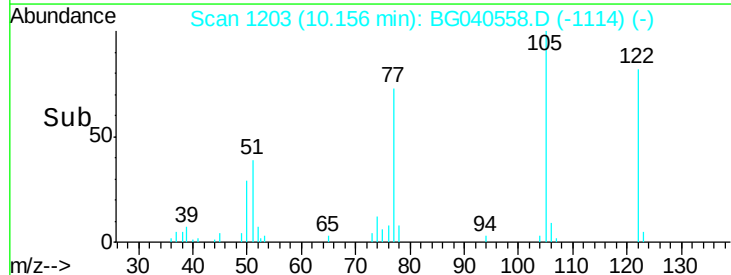
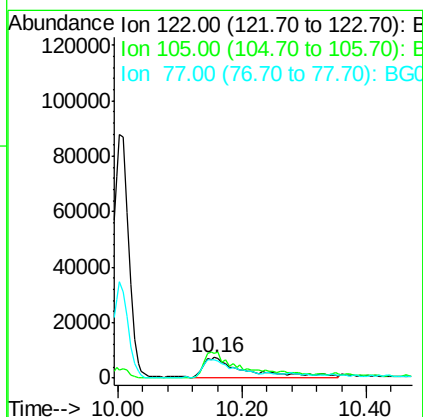
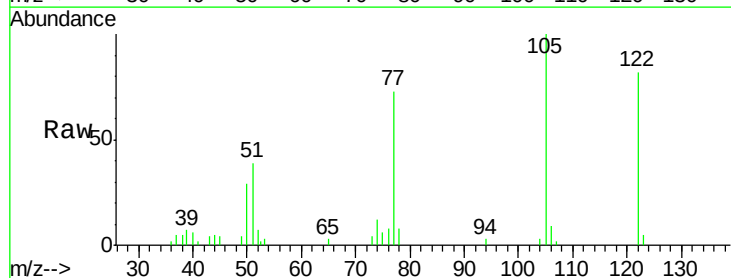
Instrument :  
BNA\_G  
ClientSampleId :  
PB119042BS

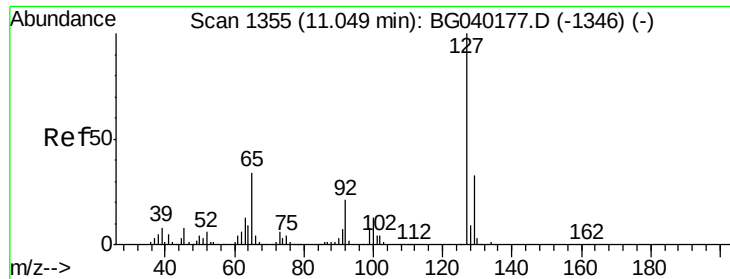
Tgt Ion:128 Resp: 549201  
Ion Ratio Lower Upper  
128 100  
129 11.1 8.9 13.3  
127 14.2 11.4 17.0



#32  
Benzoic acid  
Concen: 15.193 ng m  
RT: 10.16 min Scan# 1203  
Delta R.T. -0.01 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Tgt Ion:122 Resp: 36365  
Ion Ratio Lower Upper  
122 100  
105 121.3 98.2 138.2  
77 88.7 73.6 113.6

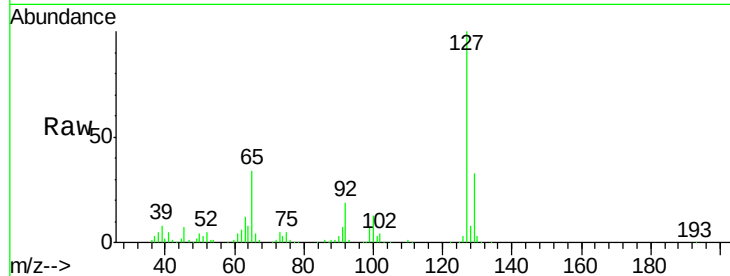




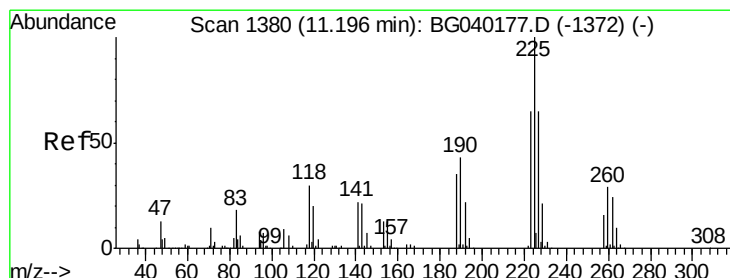
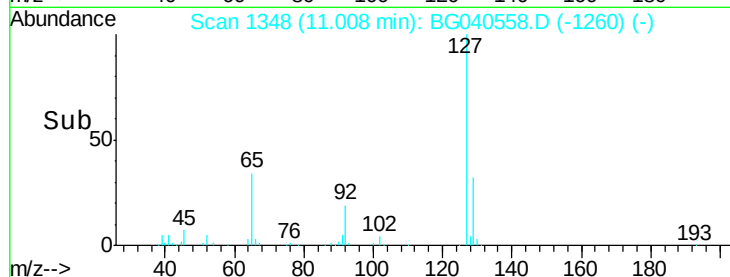
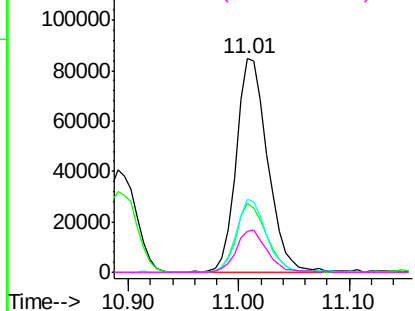
#33  
4-Chloroaniline  
Concen: 28.740 ng  
RT: 11.01 min Scan# 1348  
Delta R.T. -0.02 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB119042BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 169765 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.6  | 26.6  | 40.0   |
| 65       | 34.4  | 27.0  | 40.4   |
| 92       | 19.4  | 16.6  | 25.0   |

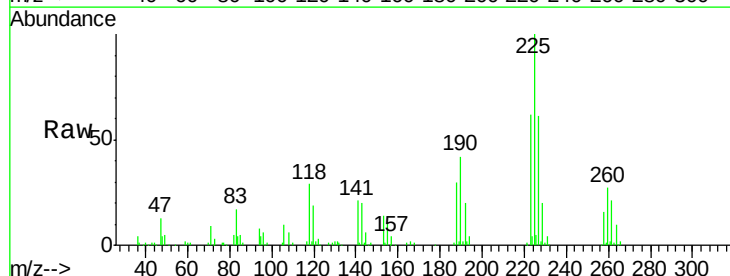


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

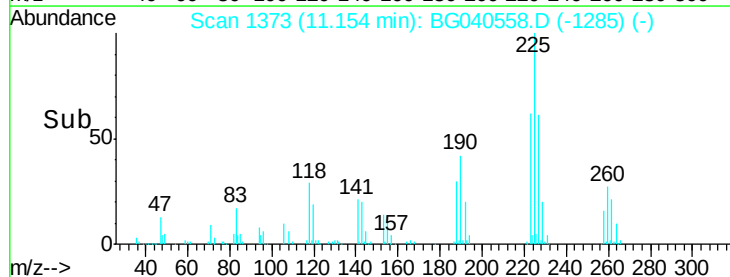
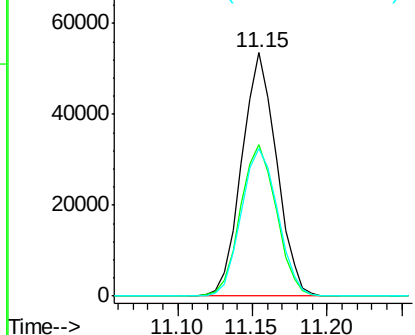


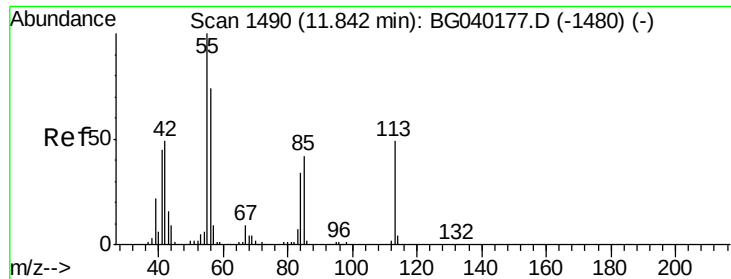
#34  
Hexachlorobutadiene  
Concen: 28.592 ng  
RT: 11.15 min Scan# 1373  
Delta R.T. -0.02 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 86339 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 62.4  | 51.8  | 77.8  |
| 227      | 60.8  | 54.9  | 82.3  |



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: 41.968 ng m

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

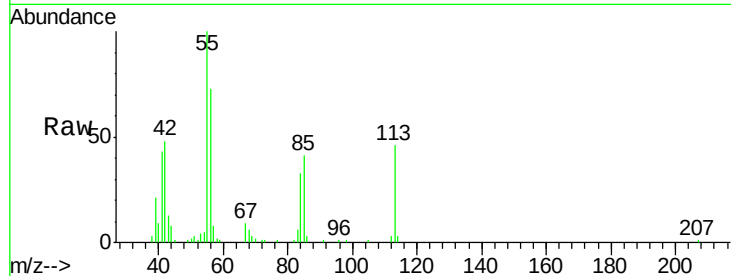
Tgt Ion:113 Resp: 71615

Ion Ratio Lower Upper

113 100

55 216.4 184.2 224.2

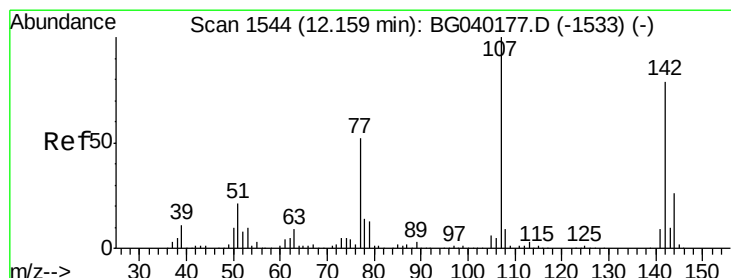
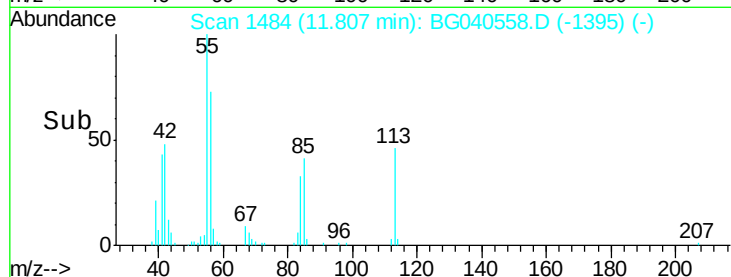
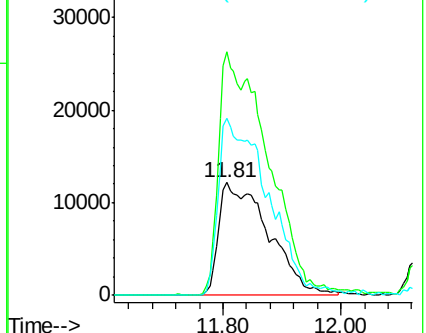
56 157.5 131.3 171.3



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: 40.299 ng

RT: 12.12 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

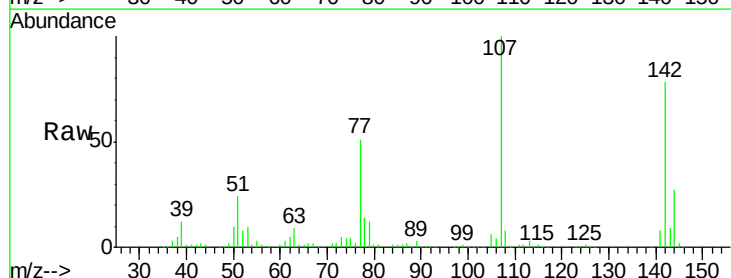
Tgt Ion:107 Resp: 199216

Ion Ratio Lower Upper

107 100

144 26.6 20.5 30.7

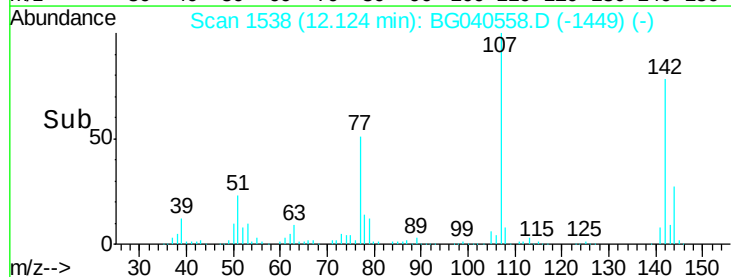
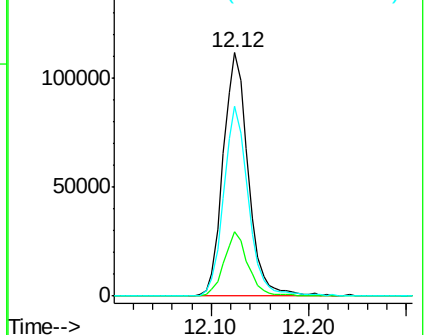
142 78.0 63.1 94.7

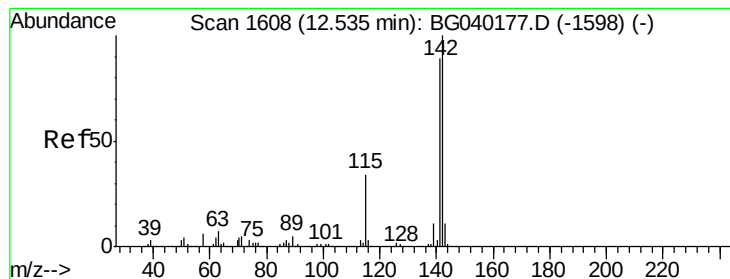


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.720 ng

RT: 12.49 min Scan# 1601

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

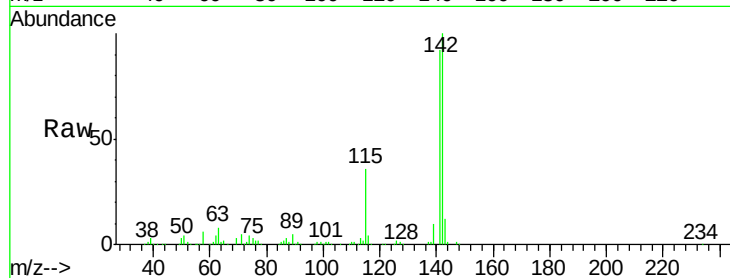
Tgt Ion:142 Resp: 355603

Ion Ratio Lower Upper

142 100

141 92.1 71.0 106.6

115 36.3 27.3 40.9

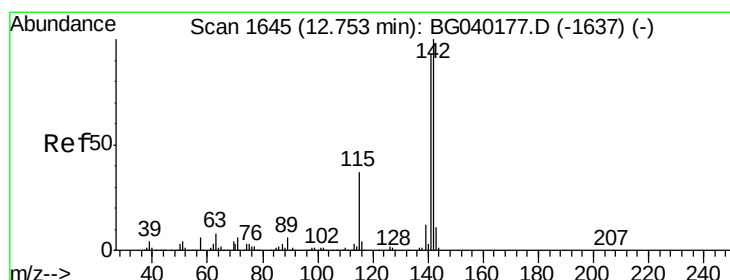
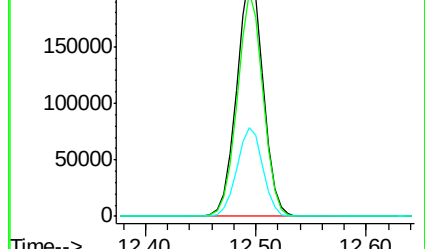
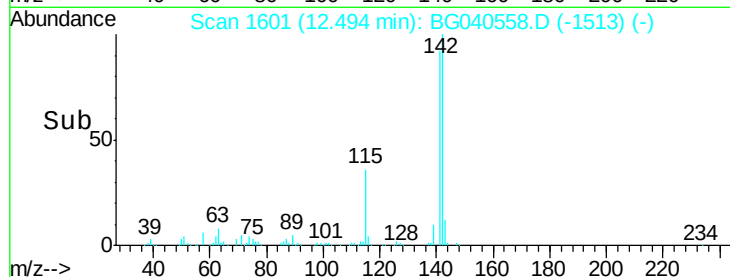


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#38

1-Methylnaphthalene

Concen: 34.735 ng

RT: 12.72 min Scan# 1639

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

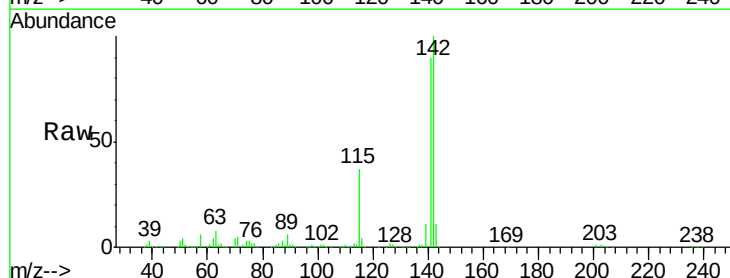
Tgt Ion:142 Resp: 344976

Ion Ratio Lower Upper

142 100

141 90.1 74.2 111.4

116 3.7 3.0 4.4

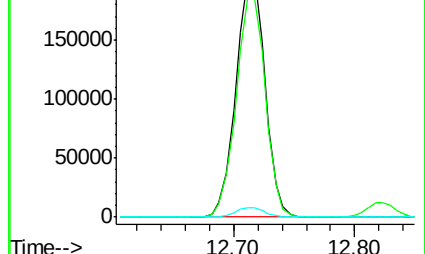
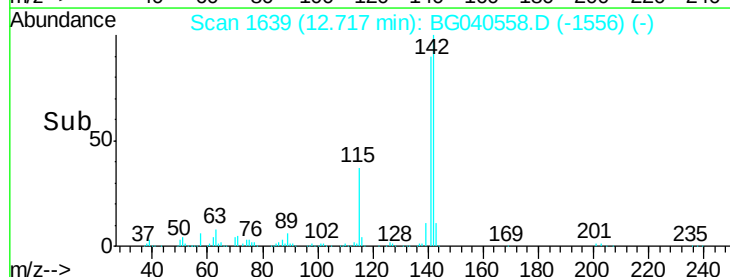


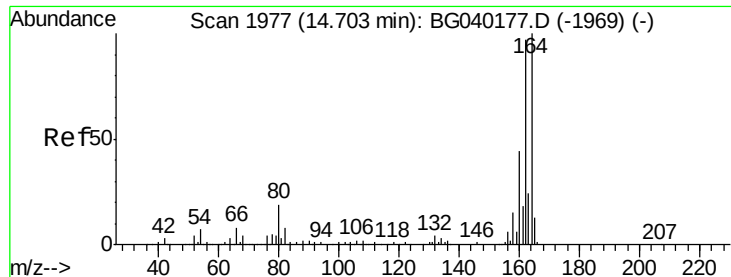
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

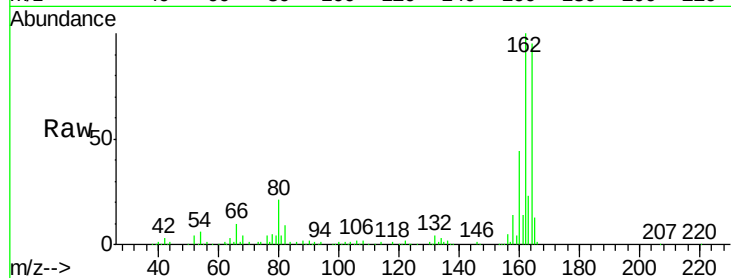
Tgt Ion:164 Resp: 151004

Ion Ratio Lower Upper

164 100

162 105.0 77.4 116.2

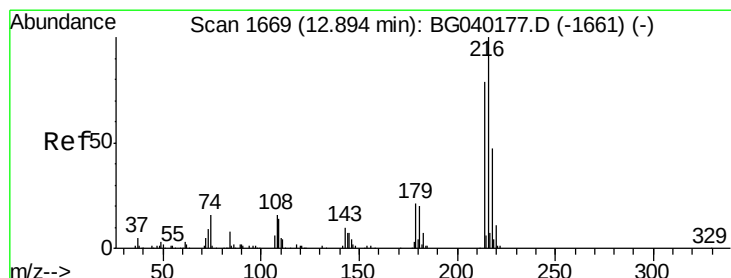
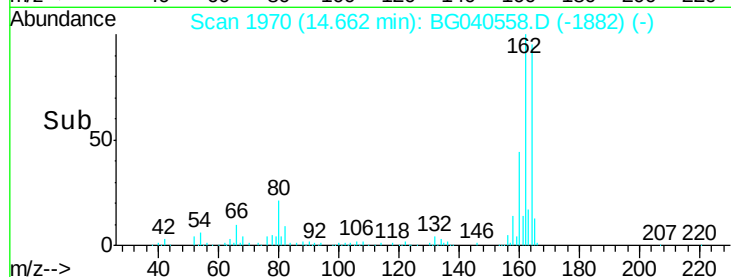
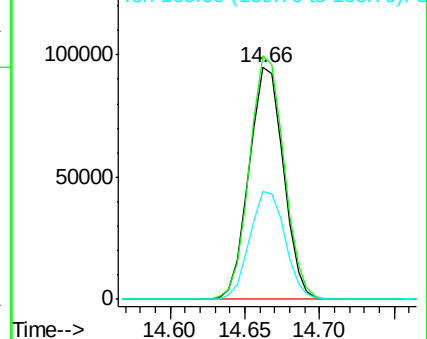
160 46.4 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.229 ng

RT: 12.86 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Tgt Ion:216 Resp: 178678

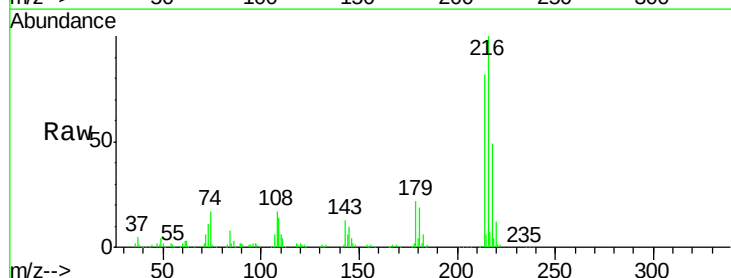
Ion Ratio Lower Upper

216 100

214 78.8 63.5 95.3

179 21.1 16.6 25.0

108 19.8 13.8 20.8

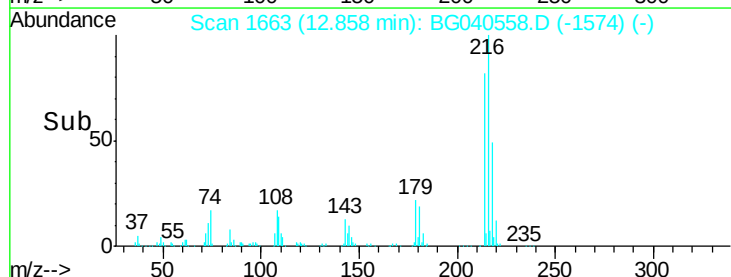
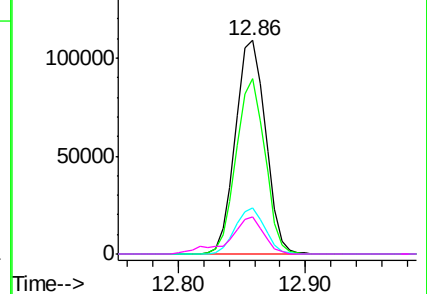


Abundance Ion 216.00 (215.70 to 216.70): E

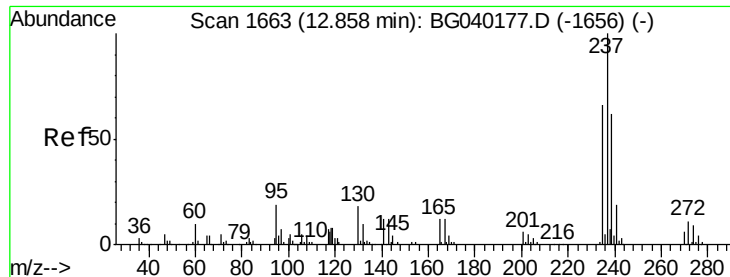
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 67.205 ng

RT: 12.82 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

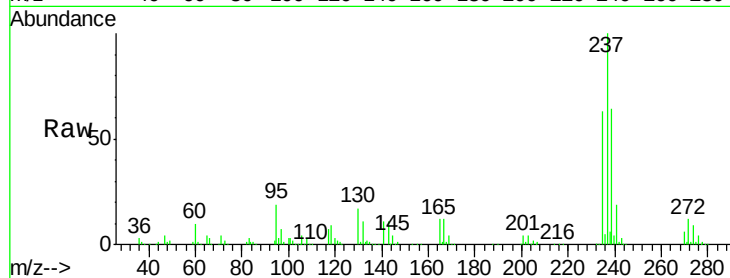
Tgt Ion: 237 Resp: 177102

Ion Ratio Lower Upper

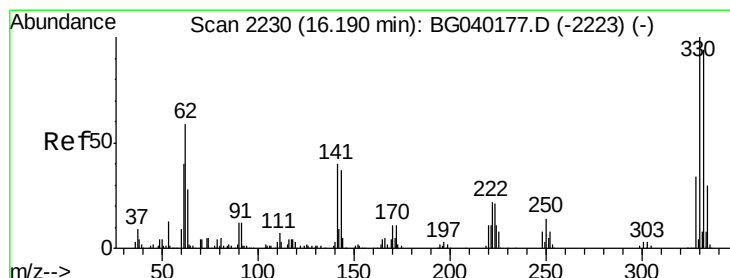
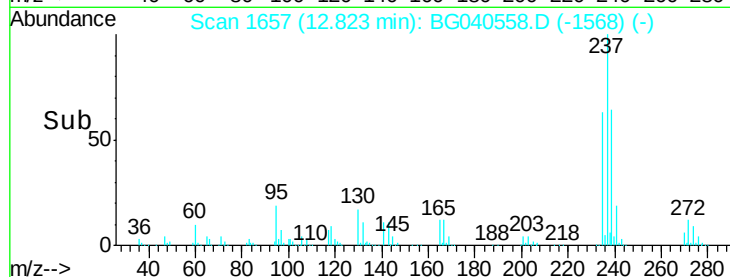
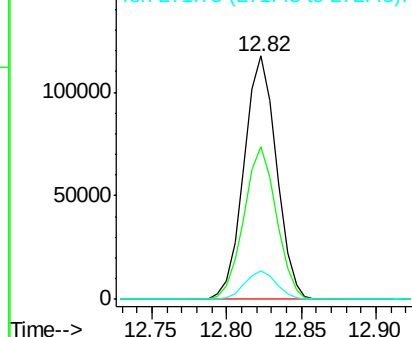
237 100

235 63.0 46.2 86.2

272 11.6 0.0 30.5



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: 156.976 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

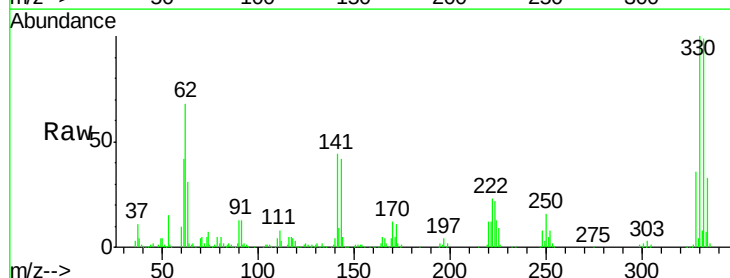
Tgt Ion: 330 Resp: 256179

Ion Ratio Lower Upper

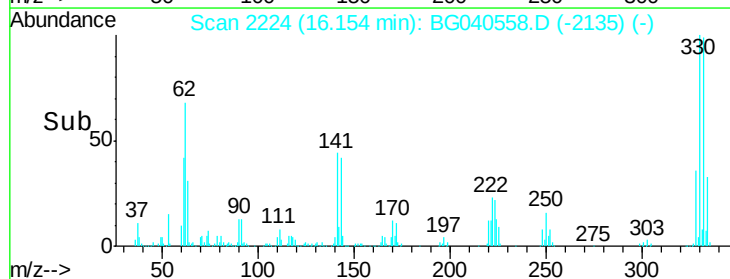
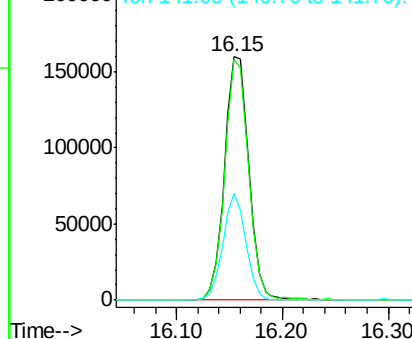
330 100

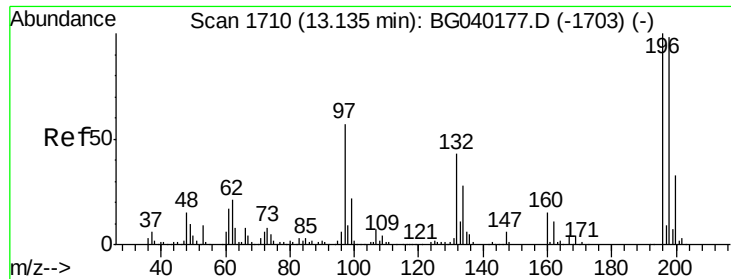
332 96.4 76.6 115.0

141 41.7 32.6 48.8



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

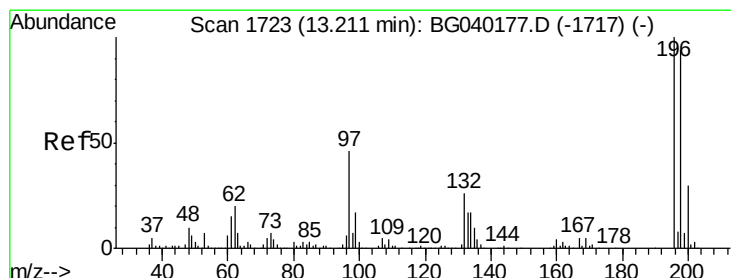
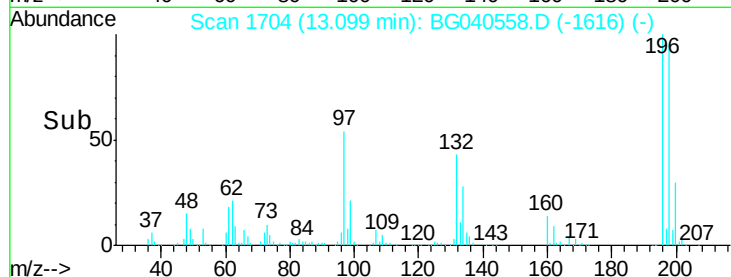
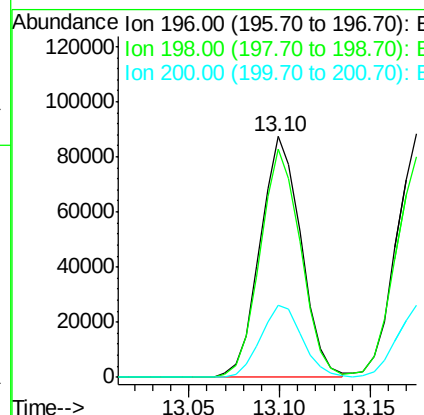
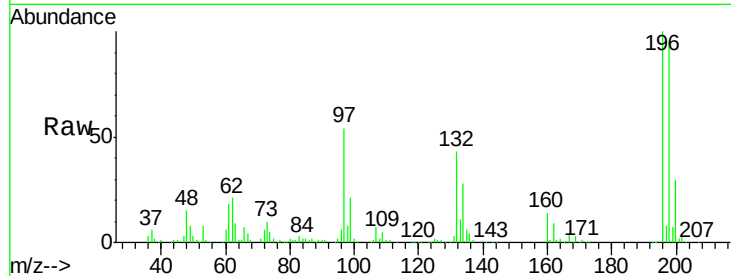




#43  
 2,4,6-Trichlorophenol  
 Concen: 44.406 ng  
 RT: 13.10 min Scan# 1704  
 Delta R.T. -0.02 min  
 Lab File: BG040558.D  
 Acq: 19 Apr 2019 12:38

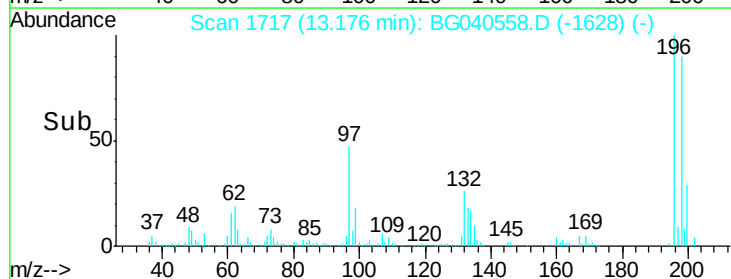
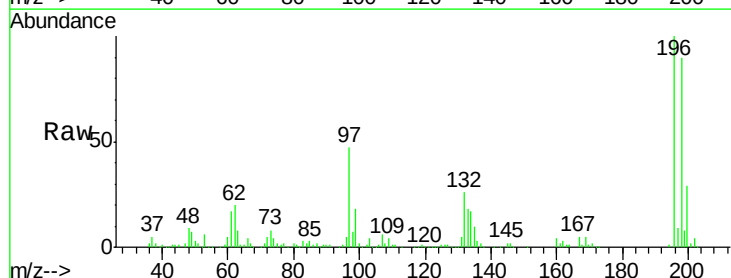
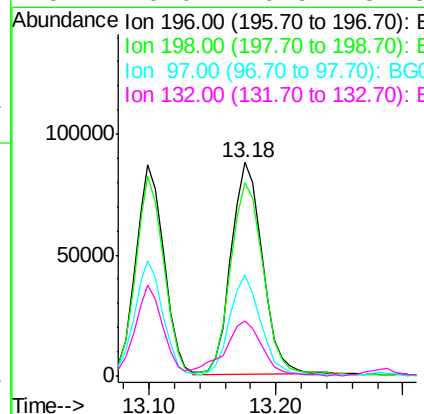
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119042BS

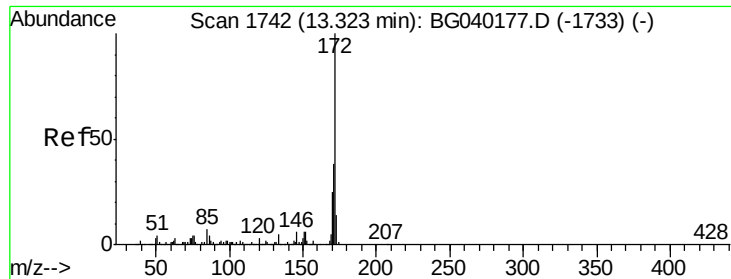
Tgt Ion:196 Resp: 137408  
 Ion Ratio Lower Upper  
 196 100  
 198 94.8 78.3 117.5  
 200 29.7 26.0 39.0



#44  
 2,4,5-Trichlorophenol  
 Concen: 45.072 ng  
 RT: 13.18 min Scan# 1717  
 Delta R.T. -0.01 min  
 Lab File: BG040558.D  
 Acq: 19 Apr 2019 12:38

Tgt Ion:196 Resp: 152017  
 Ion Ratio Lower Upper  
 196 100  
 198 90.4 75.0 112.6  
 97 47.1 37.3 55.9  
 132 26.0 20.9 31.3

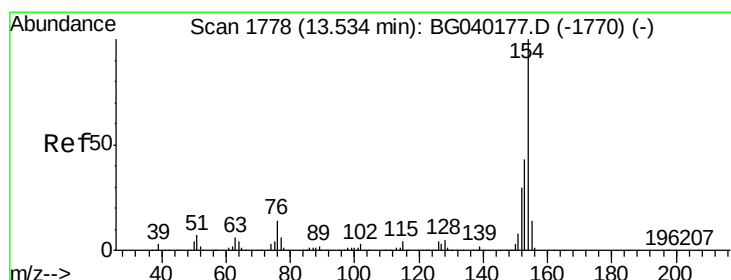
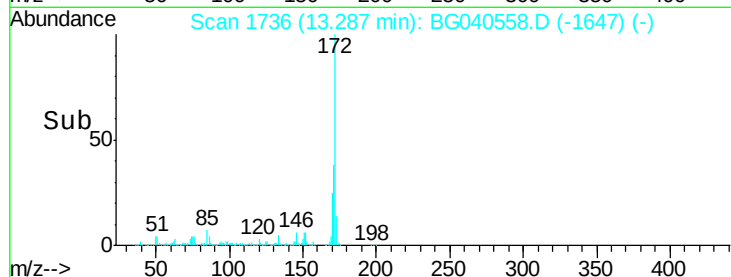
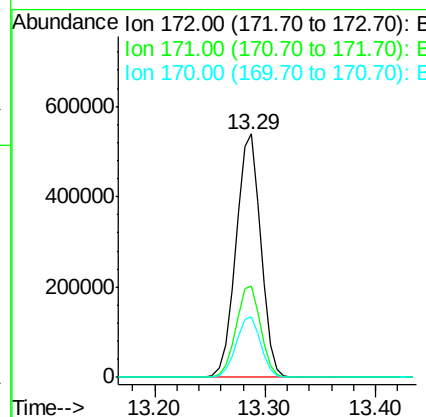
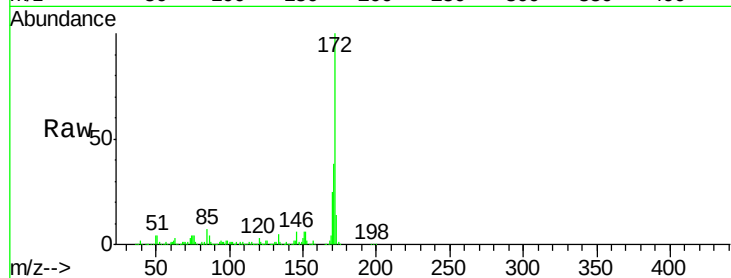




#45  
2-Fluorobiphenyl  
Concen: 83.032 ng  
RT: 13.29 min Scan# 1736  
Delta R.T. -0.01 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

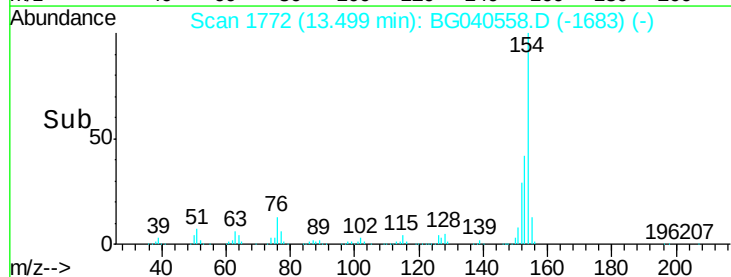
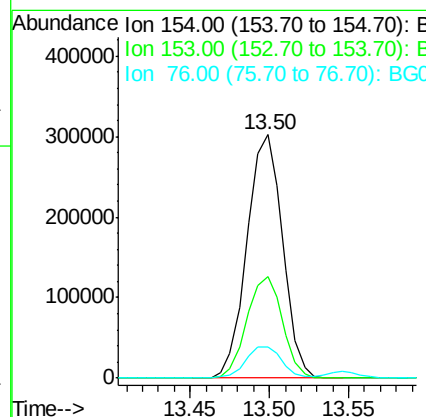
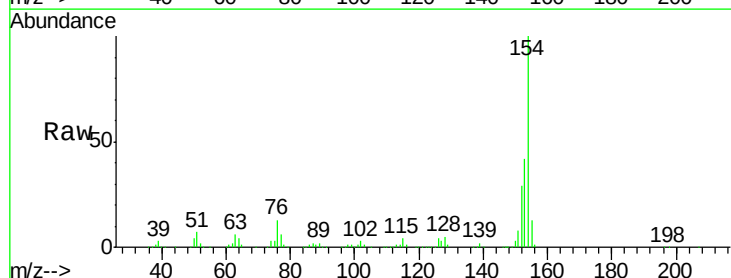
Instrument :  
BNA\_G  
ClientSampleId :  
PB119042BS

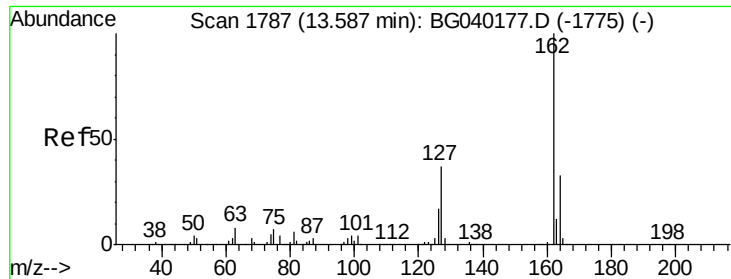
Tgt Ion:172 Resp: 846161  
Ion Ratio Lower Upper  
172 100  
171 37.7 30.5 45.7  
170 24.9 20.1 30.1



#46  
1,1'-Biphenyl  
Concen: 39.455 ng  
RT: 13.50 min Scan# 1772  
Delta R.T. -0.01 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Tgt Ion:154 Resp: 470751  
Ion Ratio Lower Upper  
154 100  
153 42.0 22.5 62.5  
76 12.7 0.0 33.7

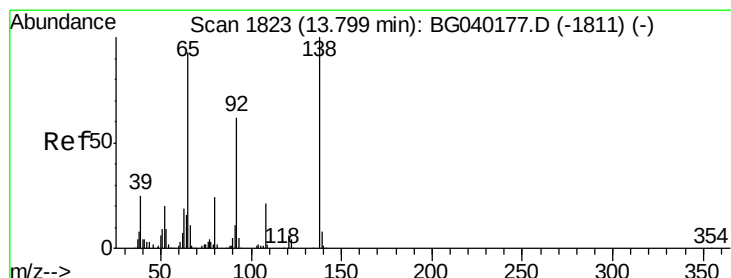
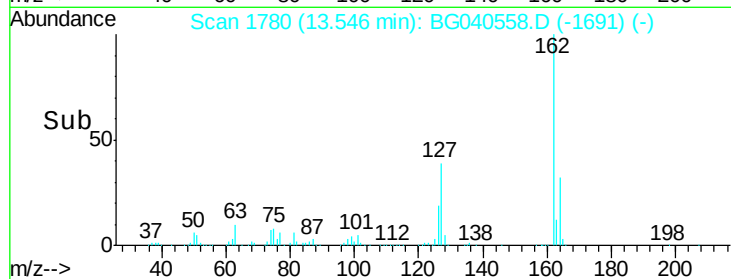
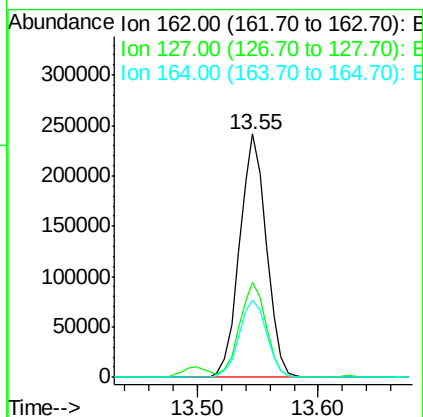
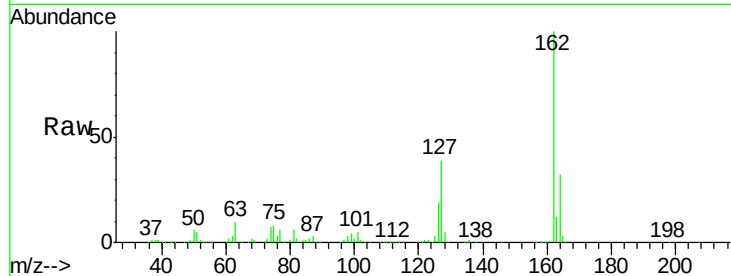




#47  
2-Chloronaphthalene  
Concen: 40.745 ng  
RT: 13.55 min Scan# 1780  
Delta R.T. -0.01 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

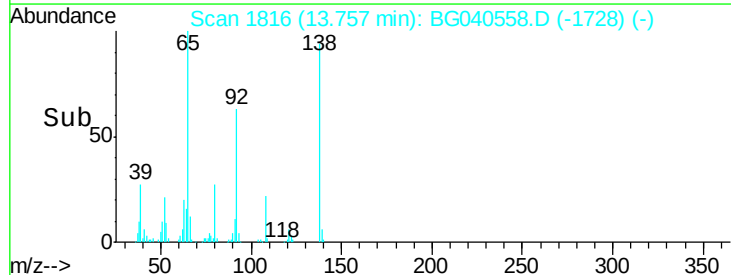
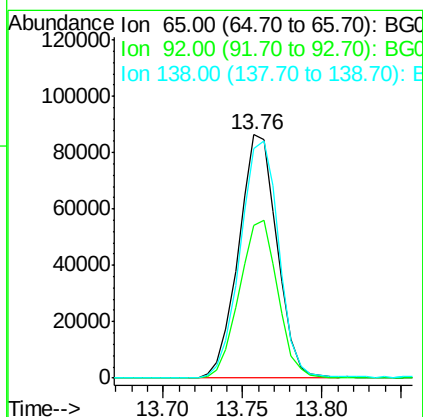
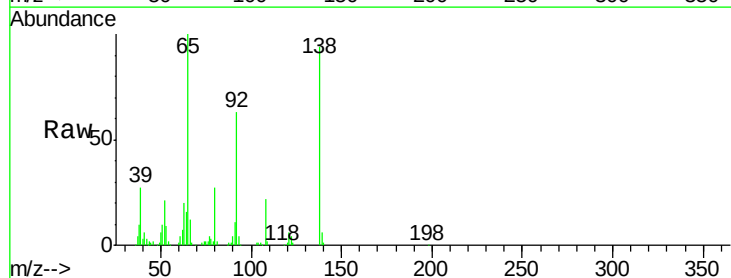
Instrument :  
BNA\_G  
ClientSampleId :  
PB119042BS

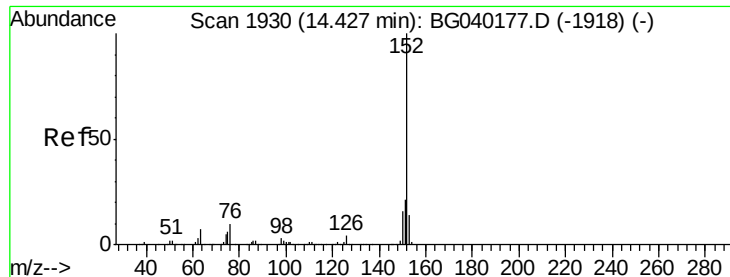
Tgt Ion: 162 Resp: 372904  
Ion Ratio Lower Upper  
162 100  
127 39.1 30.6 45.8  
164 31.9 26.2 39.4



#48  
2-Nitroaniline  
Concen: 47.034 ng  
RT: 13.76 min Scan# 1816  
Delta R.T. -0.02 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Tgt Ion: 65 Resp: 145198  
Ion Ratio Lower Upper  
65 100  
92 62.6 53.8 80.6  
138 94.4 86.3 129.5





#49

Acenaphthylene

Concen: 41.214 ng

RT: 14.39 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

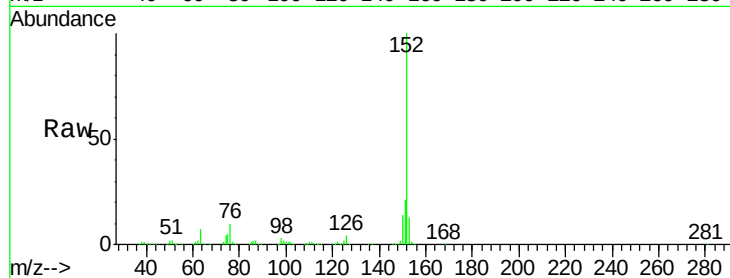
Tgt Ion:152 Resp: 639526

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.6

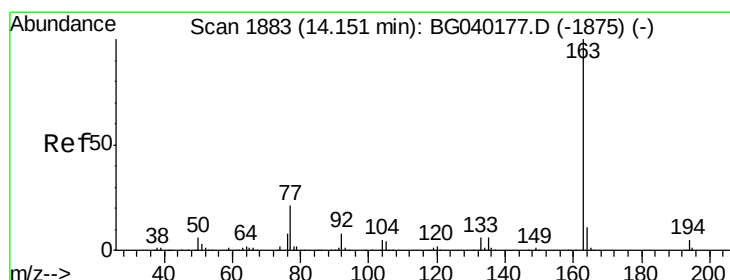
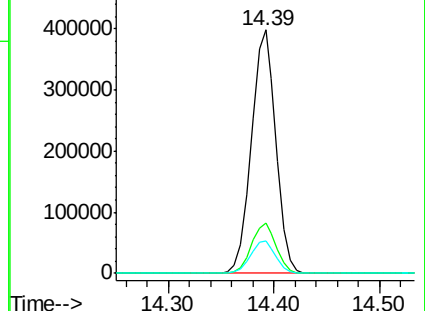
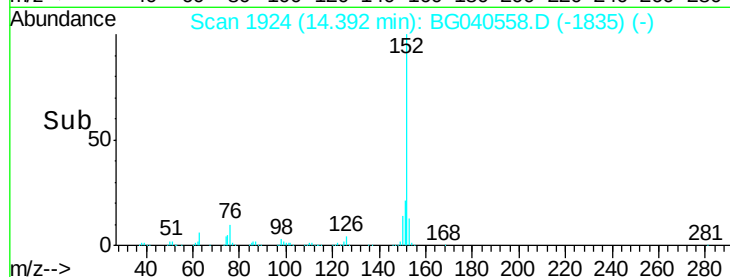
153 13.2 10.8 16.2



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: 44.340 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

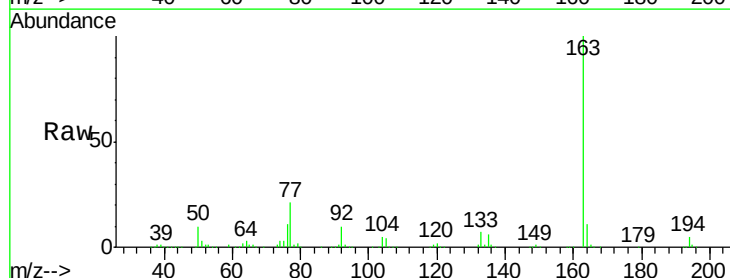
Tgt Ion:163 Resp: 524019

Ion Ratio Lower Upper

163 100

194 4.5 4.1 6.1

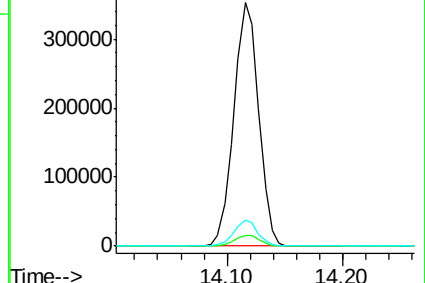
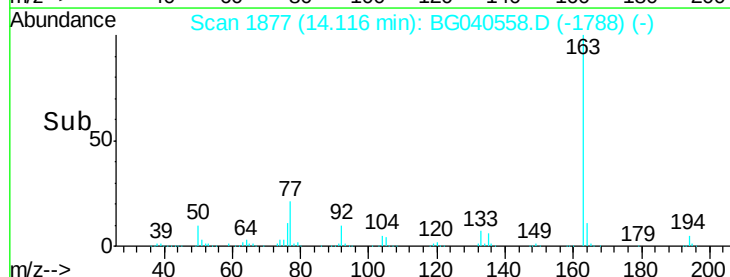
164 10.7 8.6 13.0

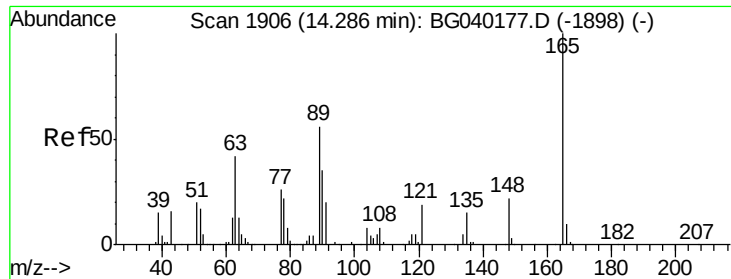


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

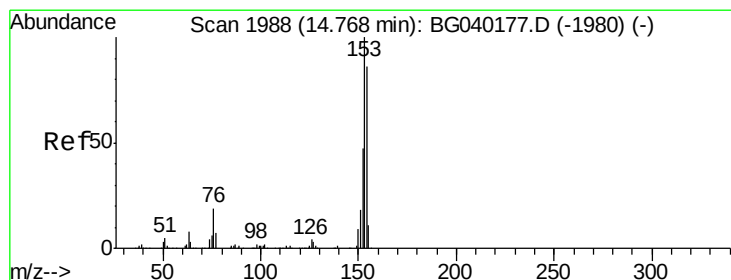
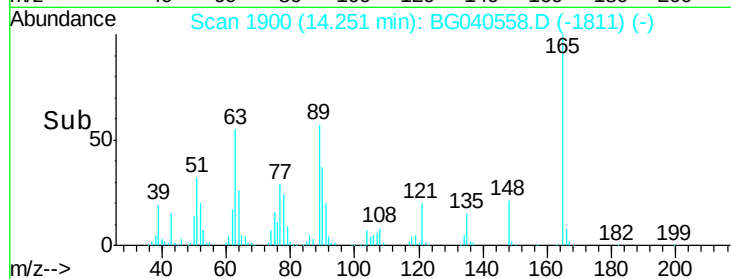
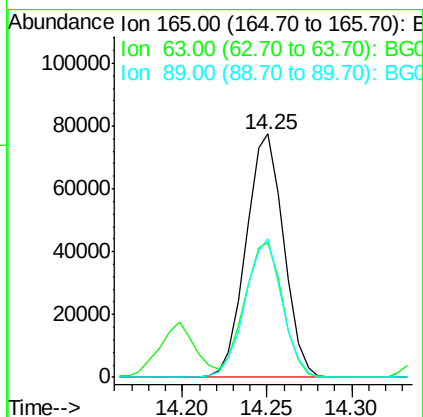
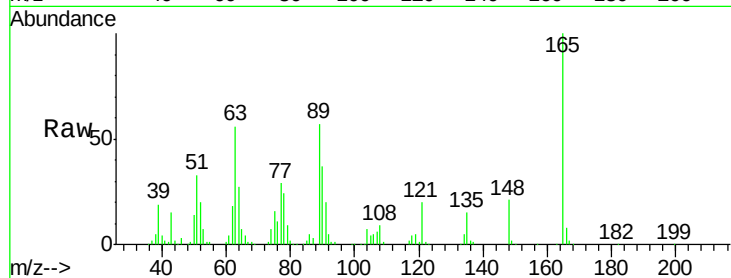




#51  
 2,6-Dinitrotoluene  
 Concen: 45.053 ng  
 RT: 14.25 min Scan# 1900  
 Delta R.T. -0.01 min  
 Lab File: BG040558.D  
 Acq: 19 Apr 2019 12:38

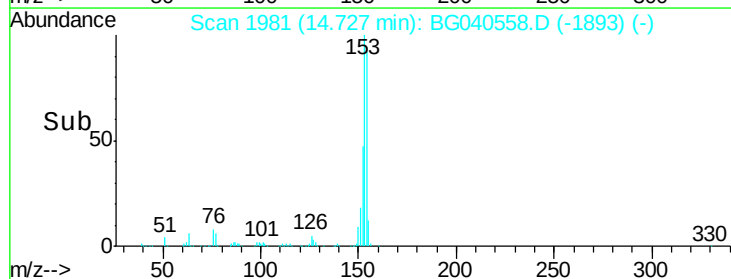
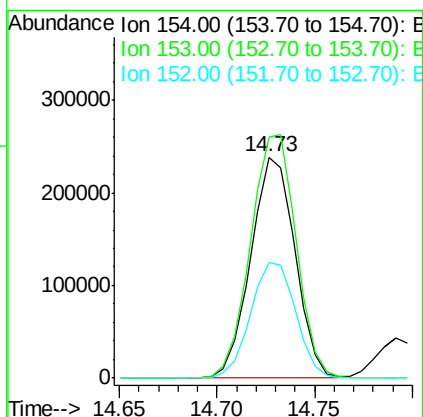
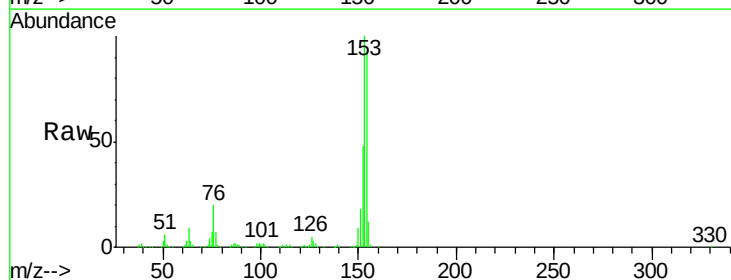
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119042BS

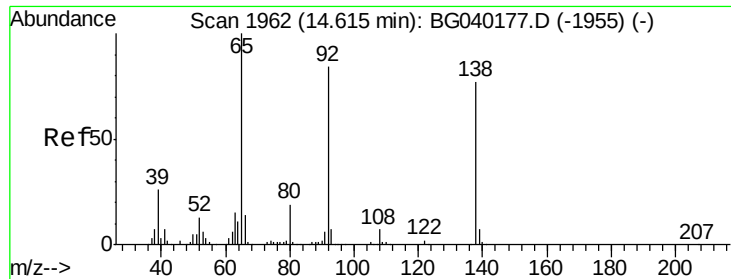
Tgt Ion:165 Resp: 119553  
 Ion Ratio Lower Upper  
 165 100  
 63 55.6 44.1 66.1  
 89 57.1 44.9 67.3



#52  
 Acenaphthene  
 Concen: 42.108 ng  
 RT: 14.73 min Scan# 1981  
 Delta R.T. -0.02 min  
 Lab File: BG040558.D  
 Acq: 19 Apr 2019 12:38

Tgt Ion:154 Resp: 374405  
 Ion Ratio Lower Upper  
 154 100  
 153 109.1 92.8 139.2  
 152 52.2 43.4 65.2





#53

3-Nitroaniline

Concen: 34.264 ng

RT: 14.59 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

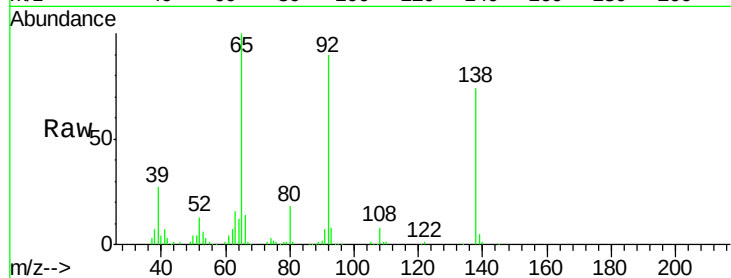
Tgt Ion:138 Resp: 96246

Ion Ratio Lower Upper

138 100

108 11.5 7.8 11.8

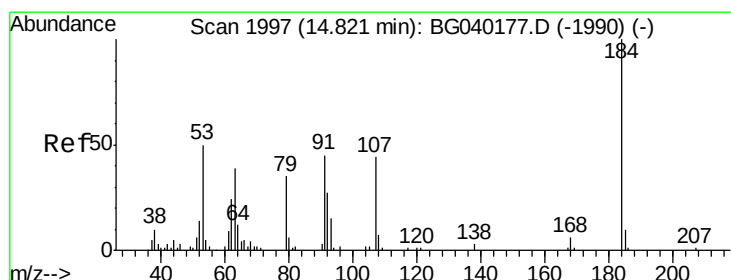
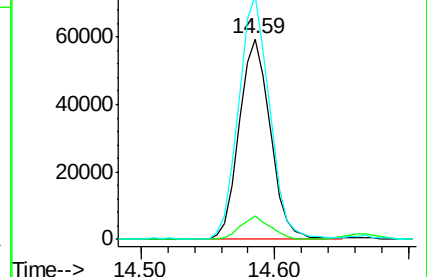
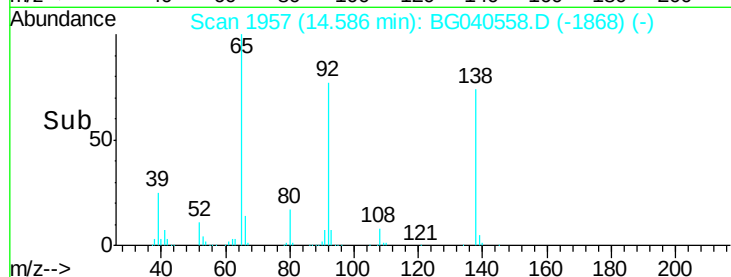
92 121.5 87.5 131.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 85.077 ng

RT: 14.79 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

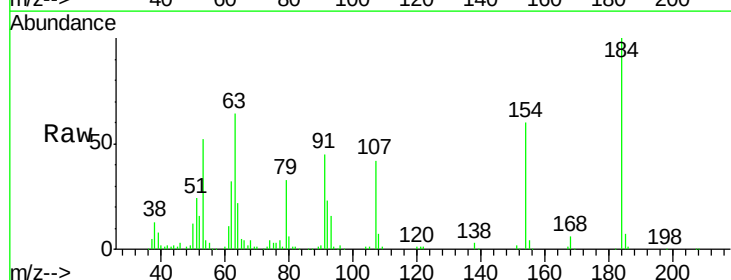
Tgt Ion:184 Resp: 120065

Ion Ratio Lower Upper

184 100

63 63.9 51.8 77.8

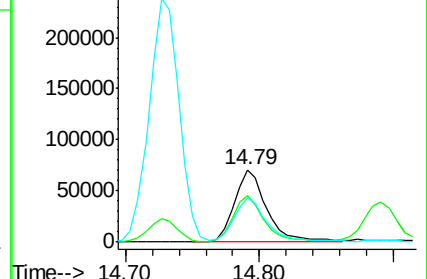
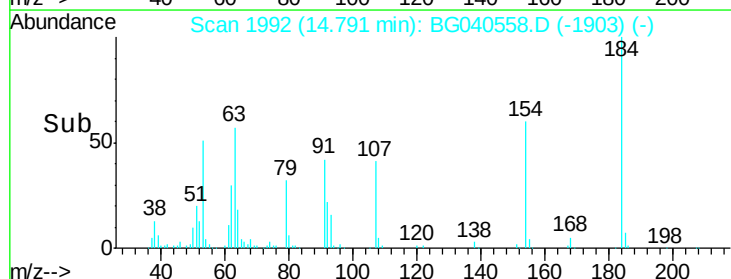
154 60.4 50.9 76.3

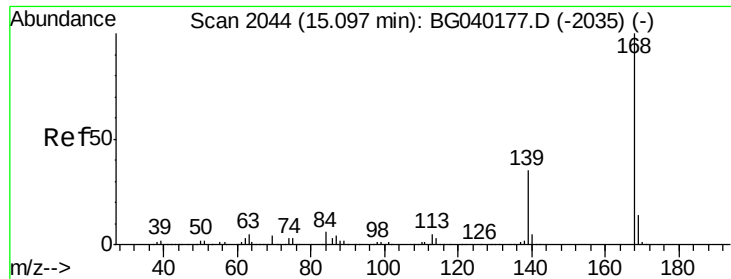


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

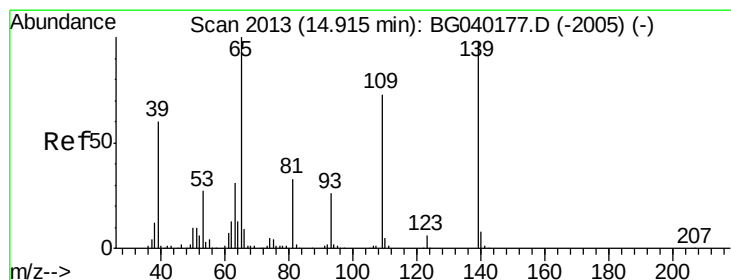
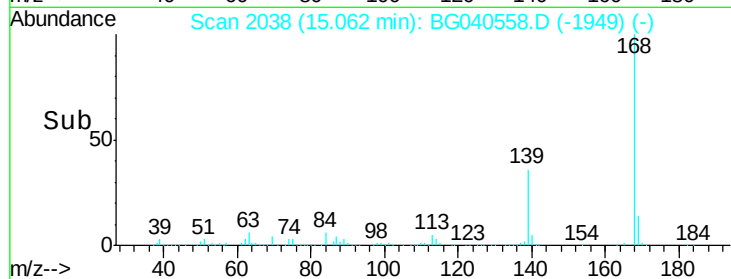
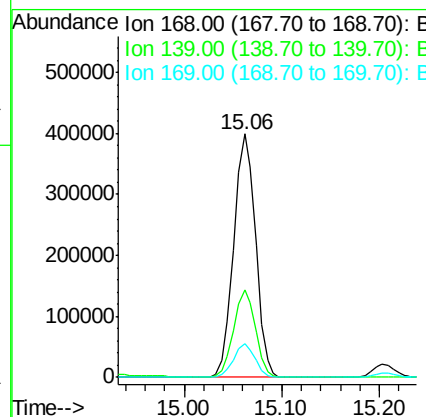
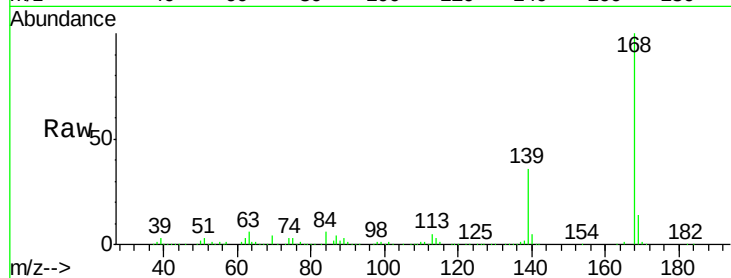




#55  
Dibenzenofuran  
Concen: 43.329 ng  
RT: 15.06 min Scan# 2038  
Delta R.T. -0.01 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

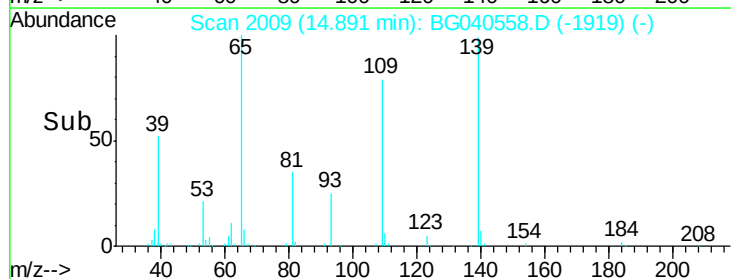
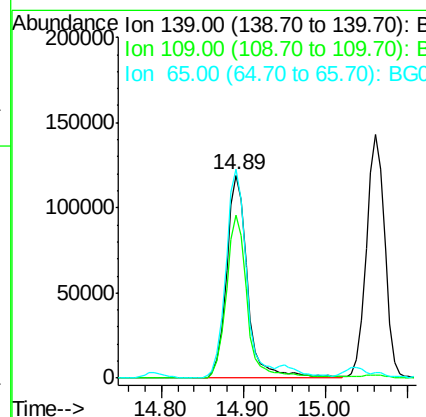
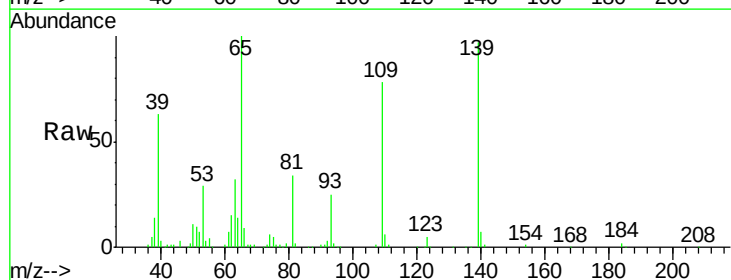
Instrument :  
BNA\_G  
ClientSampleId :  
PB119042BS

Tgt Ion:168 Resp: 619054  
Ion Ratio Lower Upper  
168 100  
139 35.8 27.9 41.9  
169 14.0 11.3 16.9

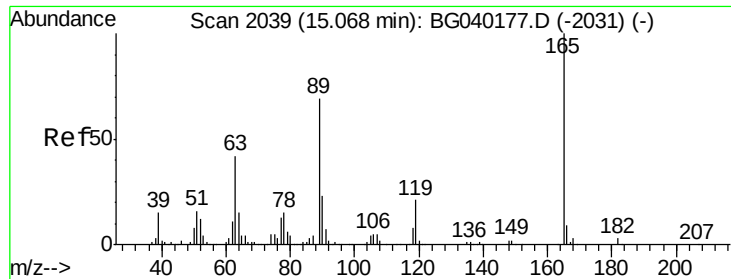


#56  
4-Nitrophenol  
Concen: 93.475 ng  
RT: 14.89 min Scan# 2009  
Delta R.T. -0.00 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Tgt Ion:139 Resp: 211912  
Ion Ratio Lower Upper  
139 100  
109 80.2 54.3 94.3  
65 102.9 82.5 122.5



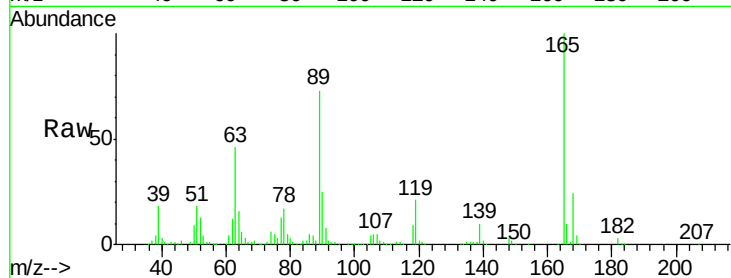




#57  
2,4-Dinitrotoluene  
Concen: 46.469 ng  
RT: 15.04 min Scan# 2034  
Delta R.T. -0.00 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB119042BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 171342 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 45.6  | 33.8  | 50.6   |
| 89       | 72.9  | 55.4  | 83.2   |
| 182      | 3.0   | 2.2   | 3.4    |

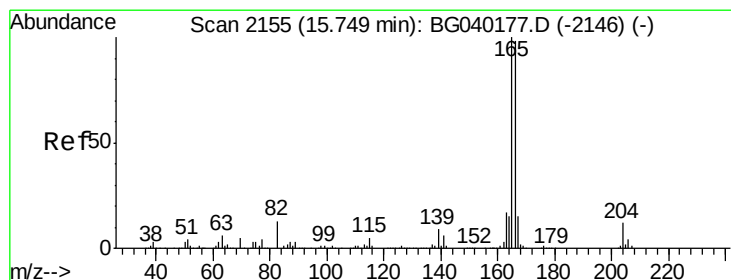
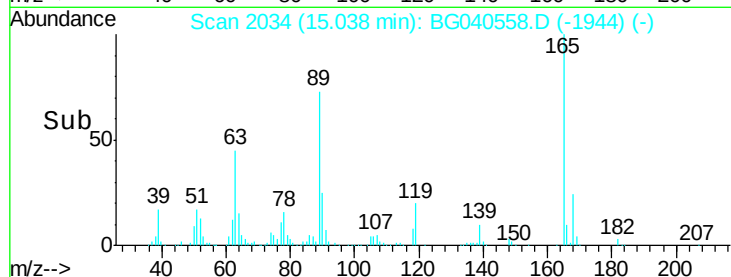
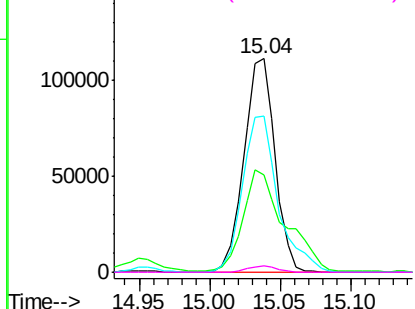


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

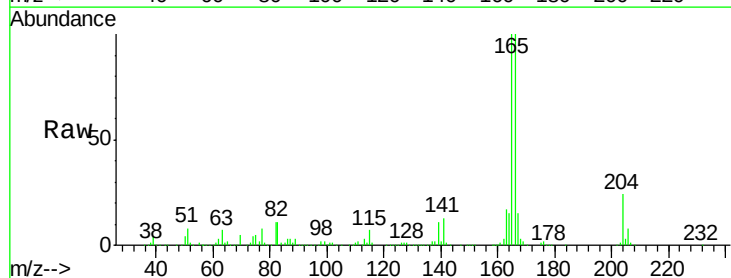
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 44.050 ng  
RT: 15.71 min Scan# 2148  
Delta R.T. -0.02 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

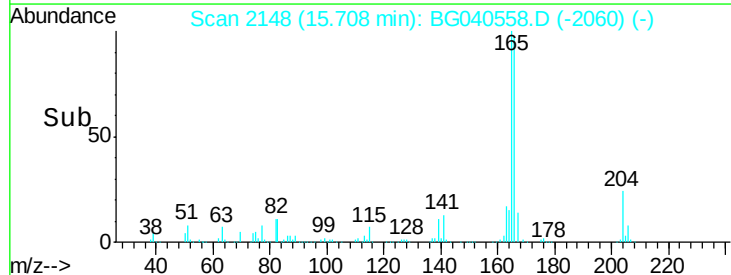
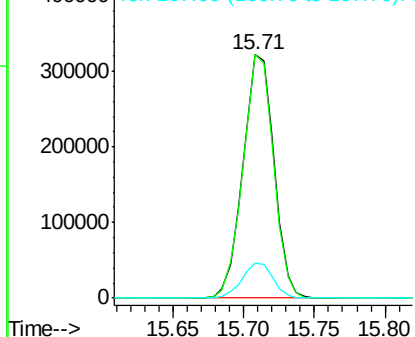
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 166   | Resp: | 494815 |
| Ion      | Ratio | Lower | Upper  |
| 166      | 100   |       |        |
| 165      | 99.8  | 81.7  | 122.5  |
| 167      | 14.6  | 11.9  | 17.9   |

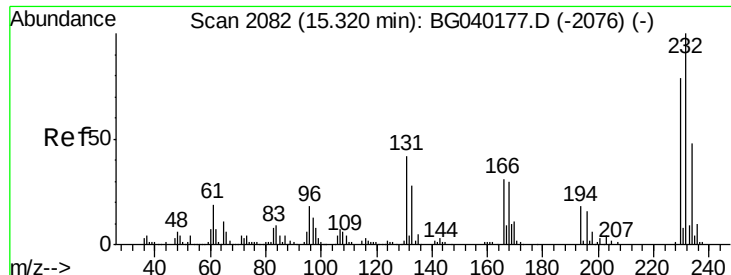


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

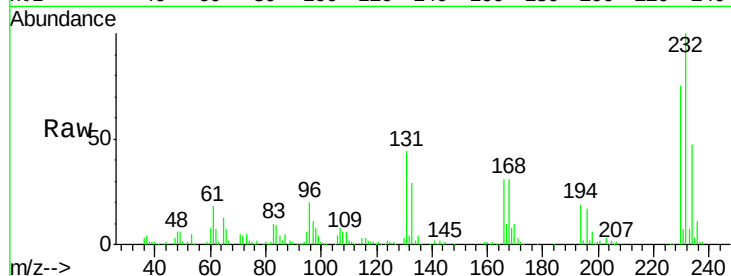




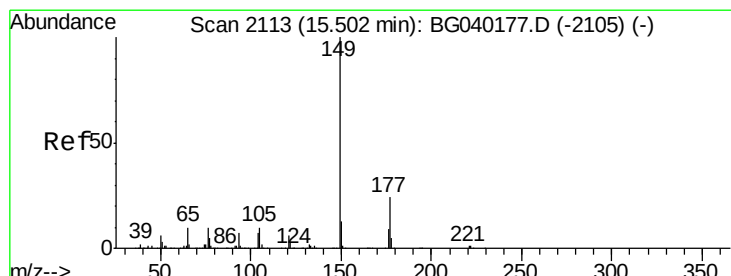
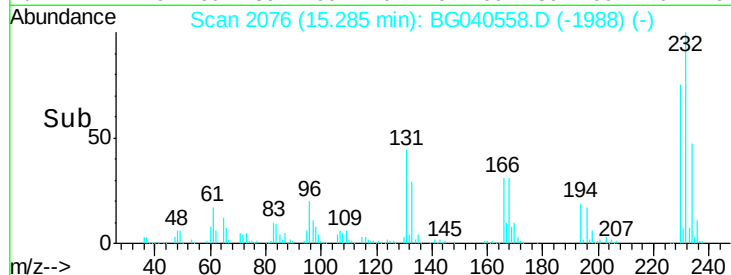
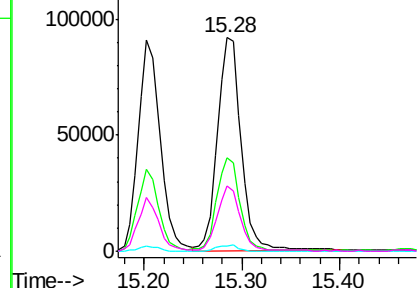
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 50.251 ng  
 RT: 15.28 min Scan# 2076  
 Delta R.T. -0.02 min  
 Lab File: BG040558.D  
 Acq: 19 Apr 2019 12:38

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119042BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 153799 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 42.3  | 32.9  | 49.3   |
| 130      | 2.6   | 1.8   | 2.8    |
| 166      | 30.6  | 23.5  | 35.3   |

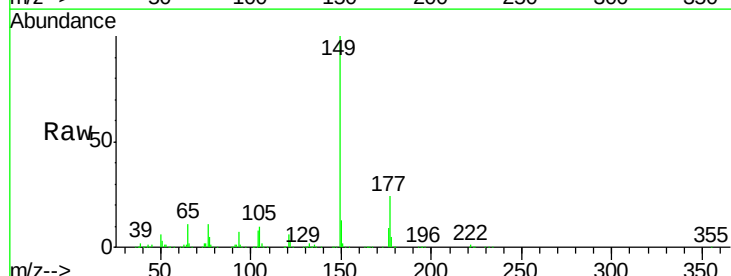


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

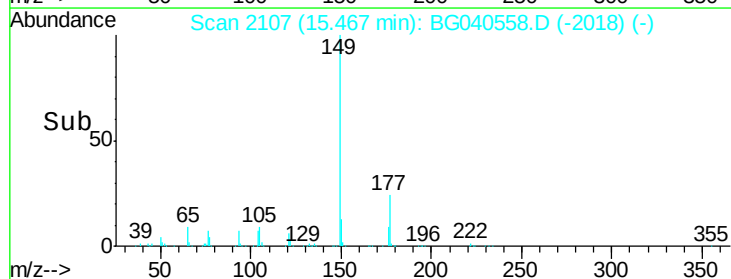
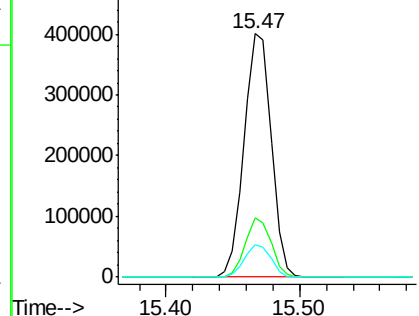


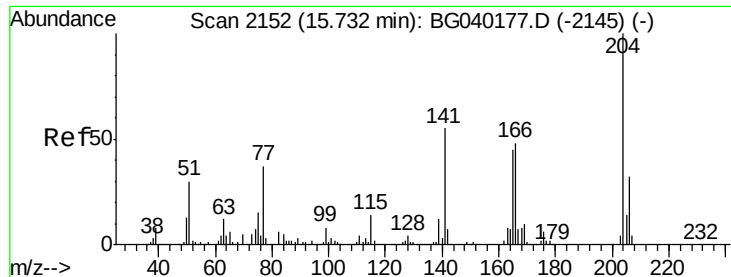
#60  
 Diethylphthalate  
 Concen: 46.437 ng  
 RT: 15.47 min Scan# 2107  
 Delta R.T. -0.01 min  
 Lab File: BG040558.D  
 Acq: 19 Apr 2019 12:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 561578 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.5  | 19.1  | 28.7   |
| 150      | 13.1  | 10.6  | 15.8   |



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

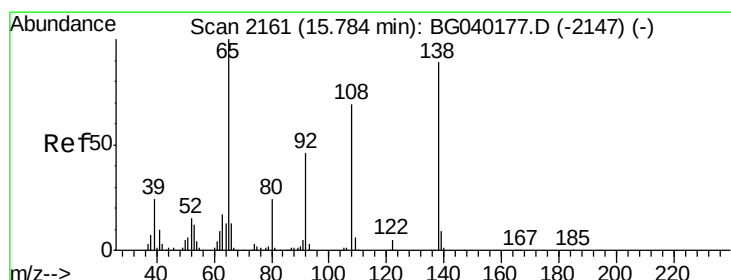
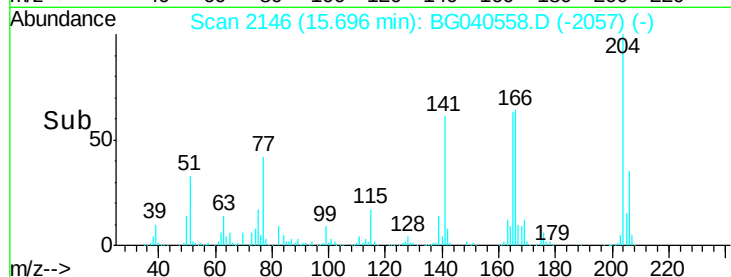
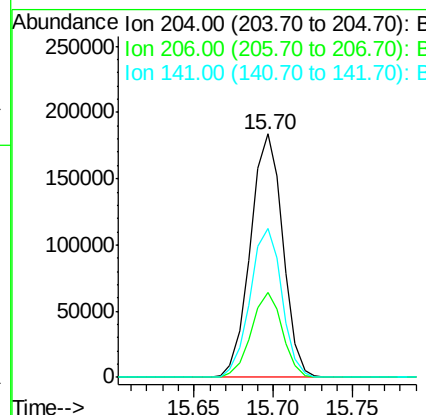
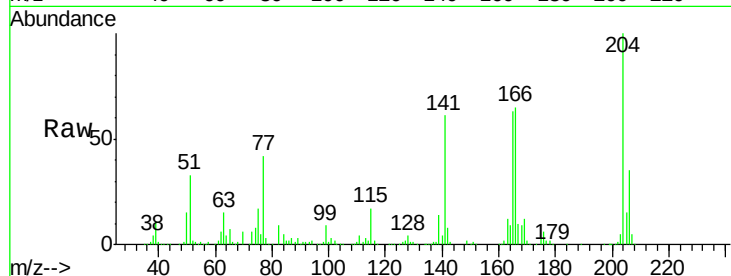




#61  
 4-Chlorophenyl-phenylether  
 Concen: 43.356 ng  
 RT: 15.70 min Scan# 2146  
 Delta R.T. -0.01 min  
 Lab File: BG040558.D  
 Acq: 19 Apr 2019 12:38

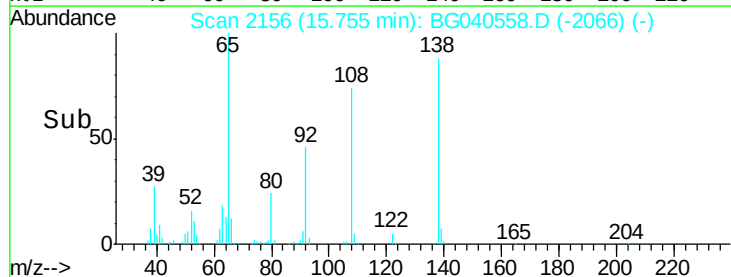
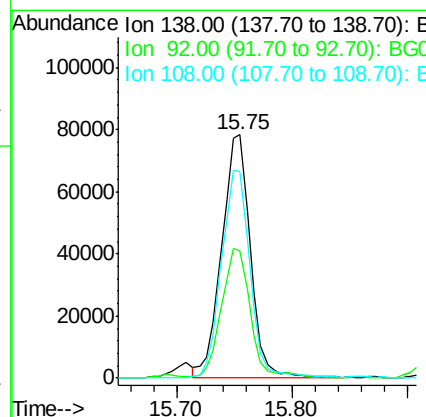
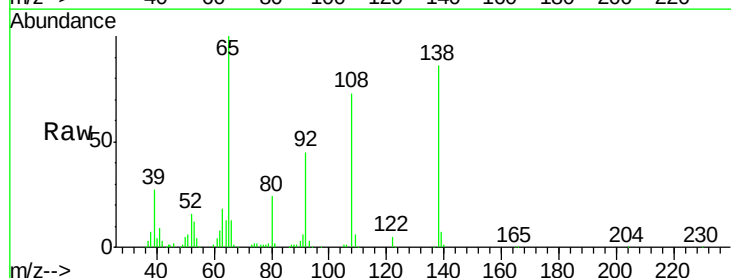
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119042BS

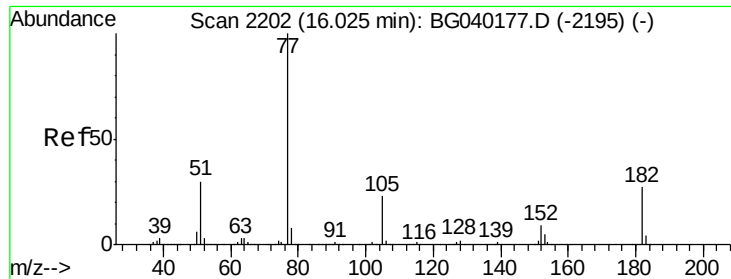
Tgt Ion: 204 Resp: 260328  
 Ion Ratio Lower Upper  
 204 100  
 206 34.7 25.7 38.5  
 141 60.9 44.0 66.0



#62  
 4-Nitroaniline  
 Concen: 44.582 ng  
 RT: 15.75 min Scan# 2156  
 Delta R.T. -0.00 min  
 Lab File: BG040558.D  
 Acq: 19 Apr 2019 12:38

Tgt Ion: 138 Resp: 134390  
 Ion Ratio Lower Upper  
 138 100  
 92 52.3 31.8 71.8  
 108 85.0 57.2 97.2

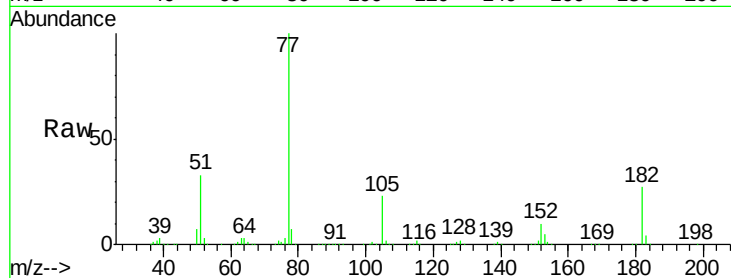




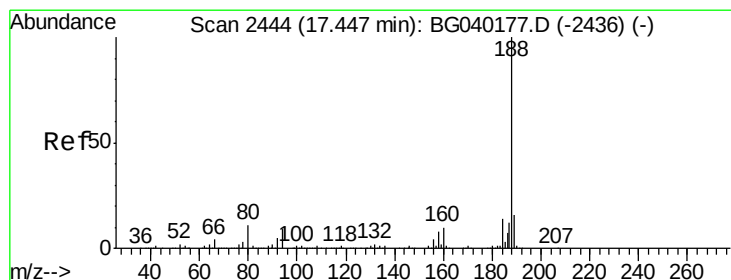
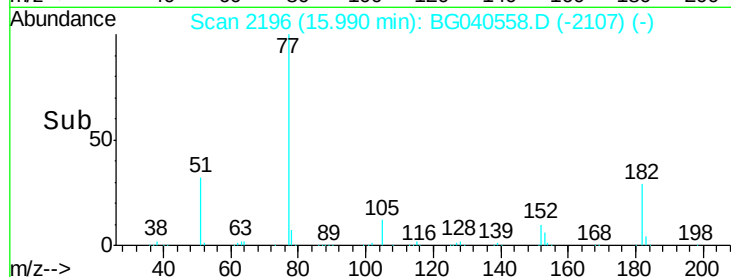
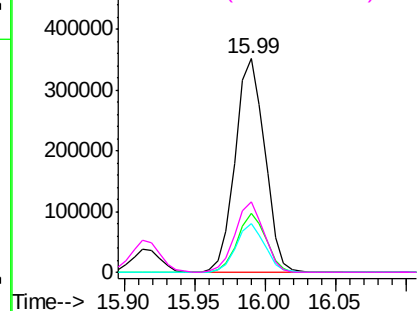
#63  
Azobenzene  
Concen: 44.853 ng  
RT: 15.99 min Scan# 2196  
Delta R.T. -0.01 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB119042BS

Tgt Ion: 77 Resp: 511652  
Ion Ratio Lower Upper  
77 100  
182 27.4 7.2 47.2  
105 22.6 2.8 42.8  
51 33.1 10.4 50.4

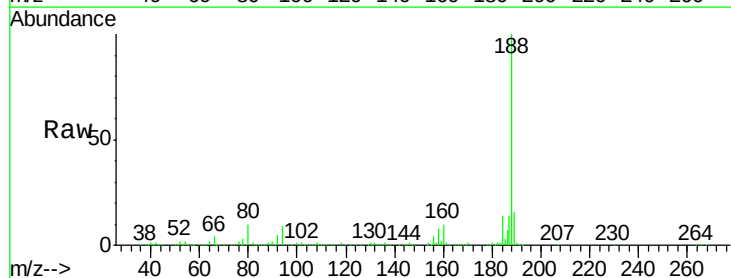


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

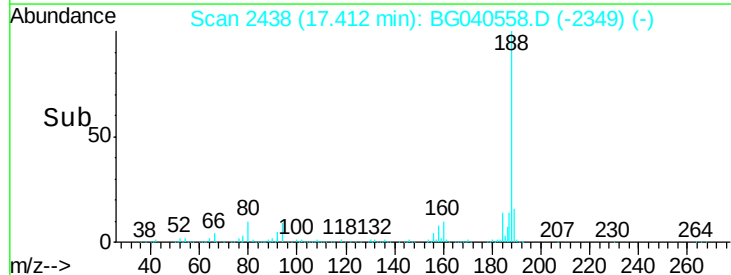
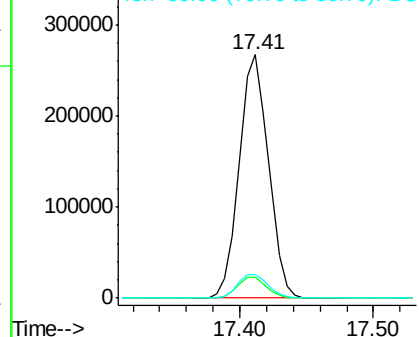


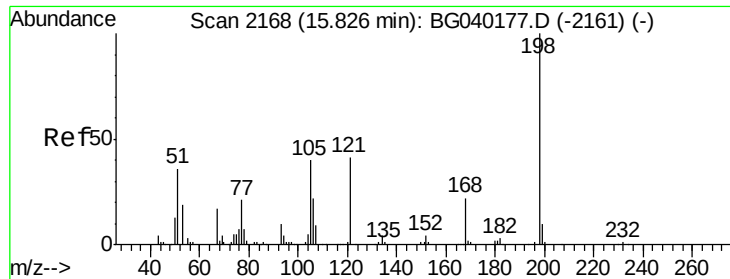
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.41 min Scan# 2438  
Delta R.T. -0.01 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Tgt Ion: 188 Resp: 406456  
Ion Ratio Lower Upper  
188 100  
94 8.6 7.0 10.4  
80 9.7 8.6 13.0



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: 42.093 ng

RT: 15.80 min Scan# 2163

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

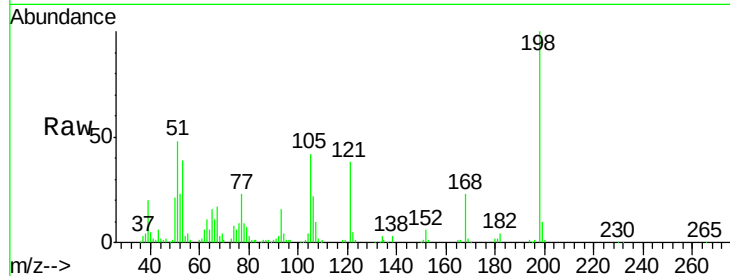
Tgt Ion:198 Resp: 96122

Ion Ratio Lower Upper

198 100

51 48.3 27.3 67.3

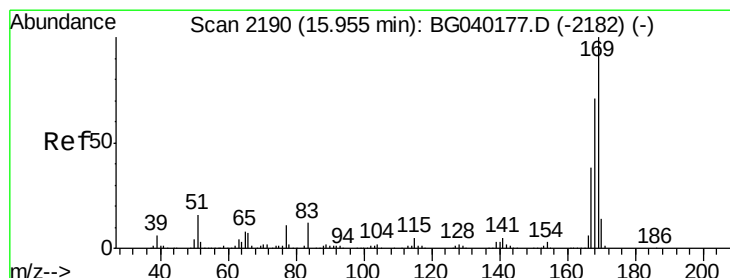
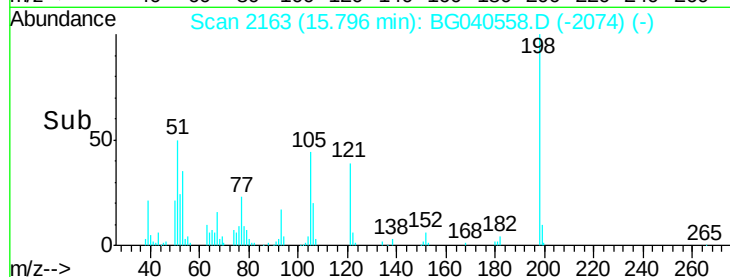
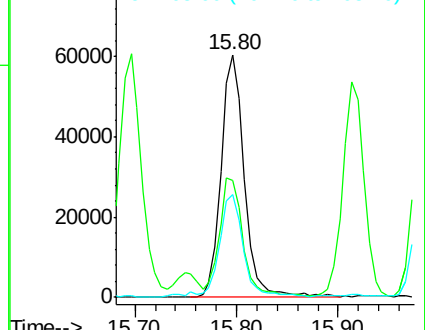
105 42.4 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.054 ng

RT: 15.92 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

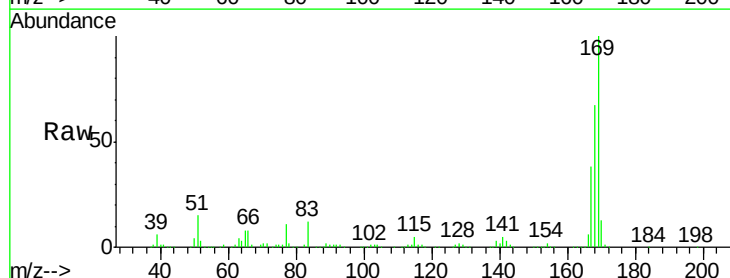
Tgt Ion:169 Resp: 476404

Ion Ratio Lower Upper

169 100

168 66.9 56.8 85.2

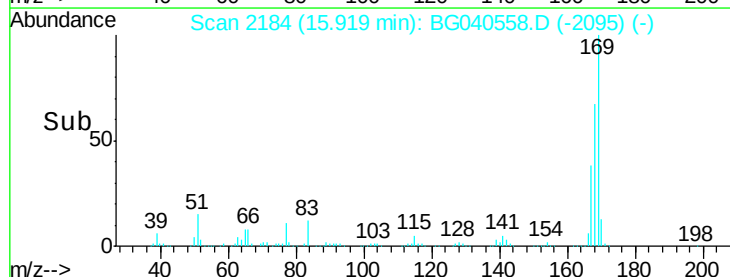
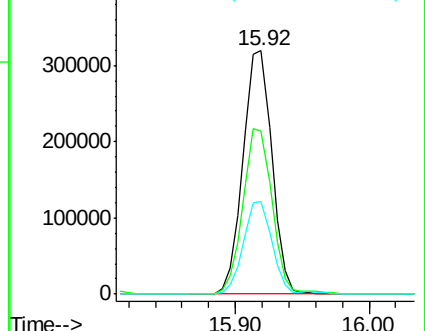
167 37.9 30.2 45.4

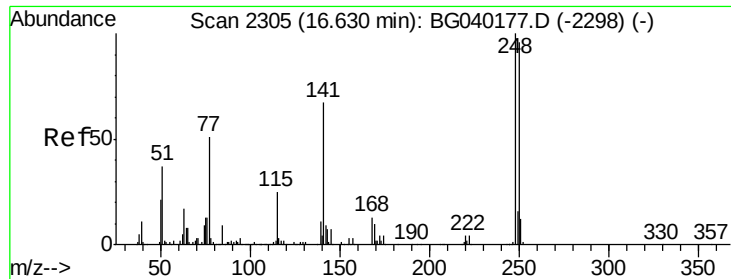


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

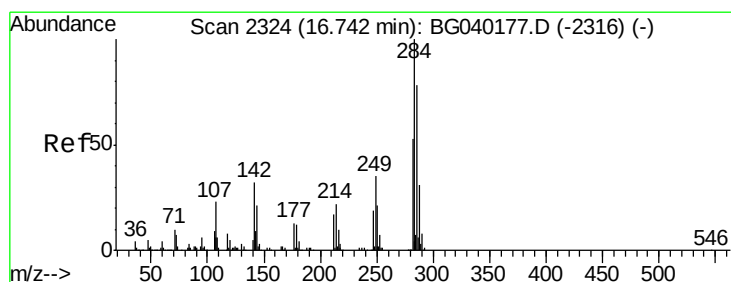
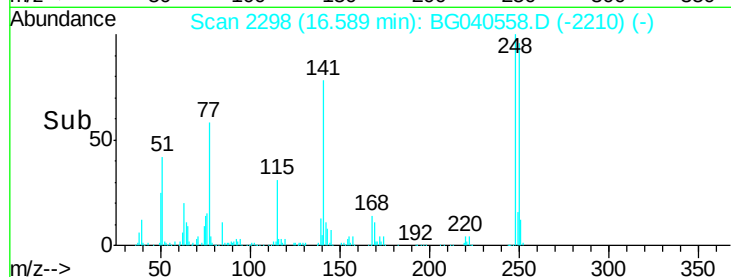
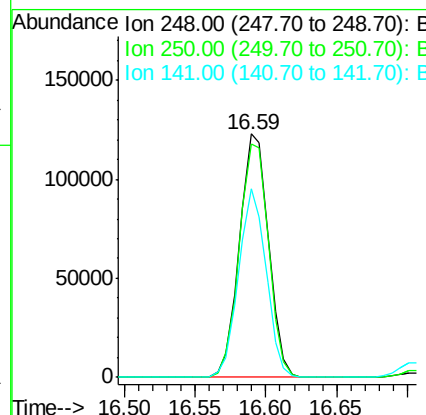
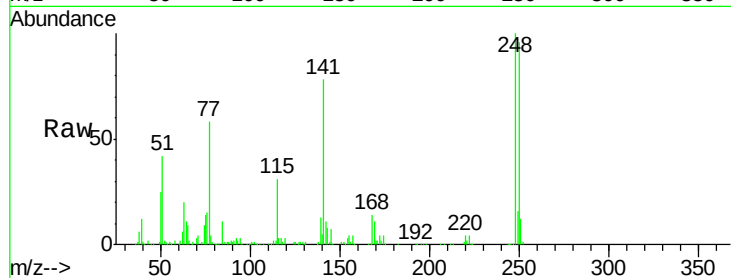




#67  
4-Bromophenyl-phenylether  
Concen: 38.573 ng  
RT: 16.59 min Scan# 2298  
Delta R.T. -0.02 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

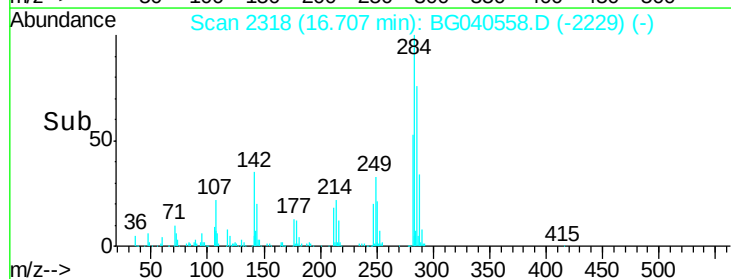
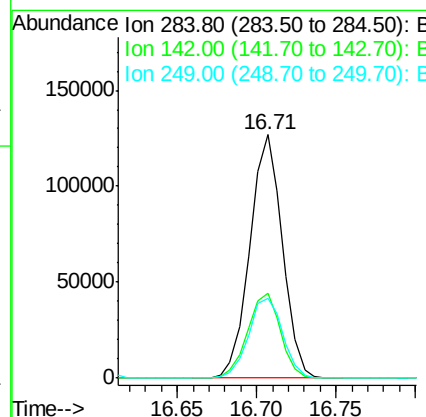
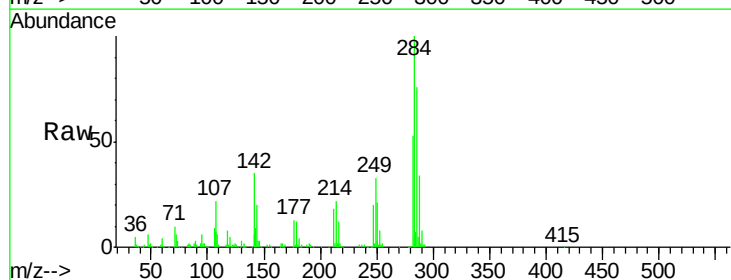
Instrument :  
BNA\_G  
ClientSampleId :  
PB119042BS

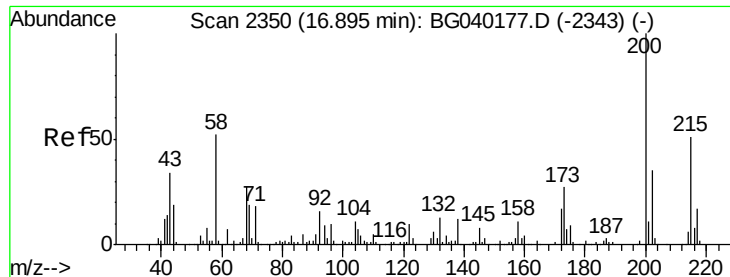
Tgt Ion:248 Resp: 176436  
Ion Ratio Lower Upper  
248 100  
250 95.8 76.4 114.6  
141 77.6 53.8 80.8



#68  
Hexachlorobenzene  
Concen: 39.172 ng  
RT: 16.71 min Scan# 2318  
Delta R.T. -0.01 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Tgt Ion:284 Resp: 180151  
Ion Ratio Lower Upper  
284 100  
142 34.9 25.3 37.9  
249 32.5 28.2 42.2





#69

Atrazine

Concen: 39.673 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

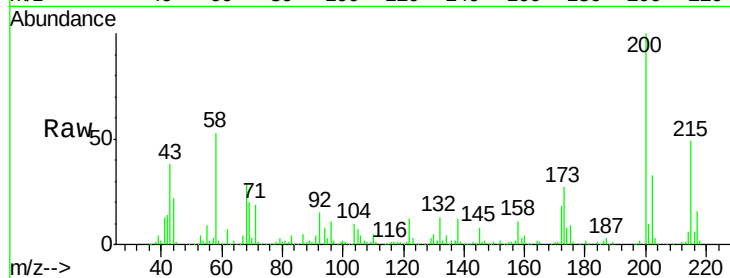
Tgt Ion:200 Resp: 175534

Ion Ratio Lower Upper

200 100

173 26.9 7.1 47.1

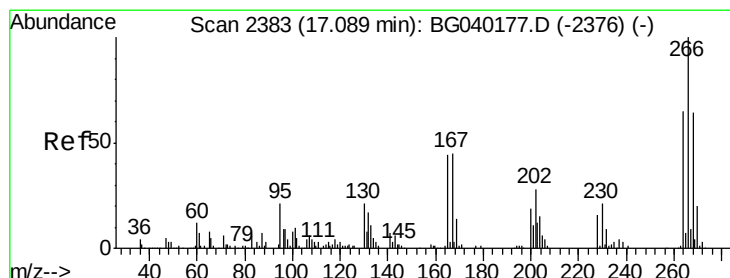
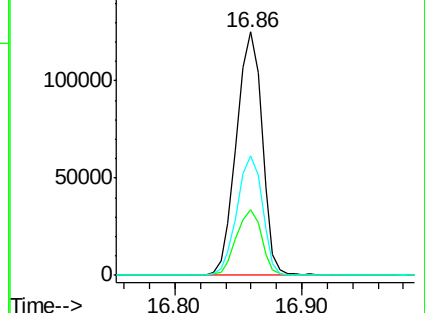
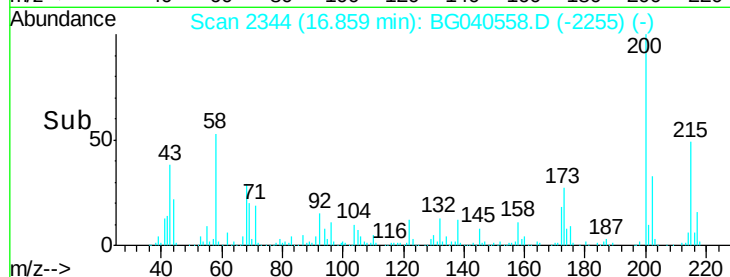
215 49.3 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 71.483 ng

RT: 17.06 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

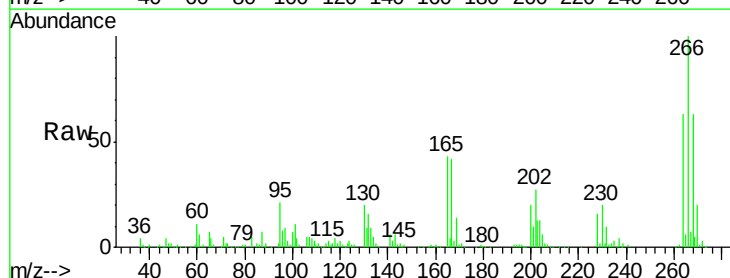
Tgt Ion:266 Resp: 190063

Ion Ratio Lower Upper

266 100

268 63.0 55.0 82.4

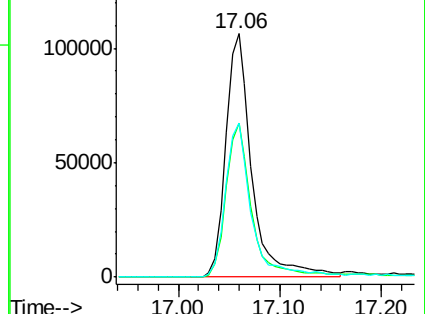
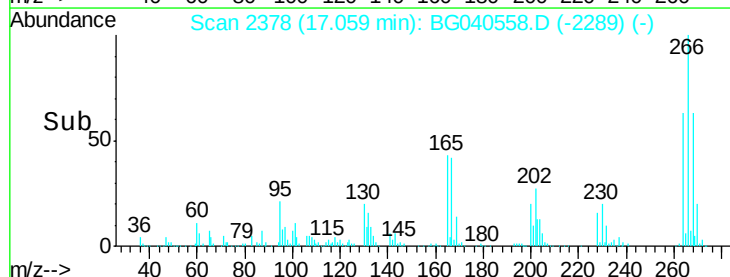
264 63.1 51.8 77.8

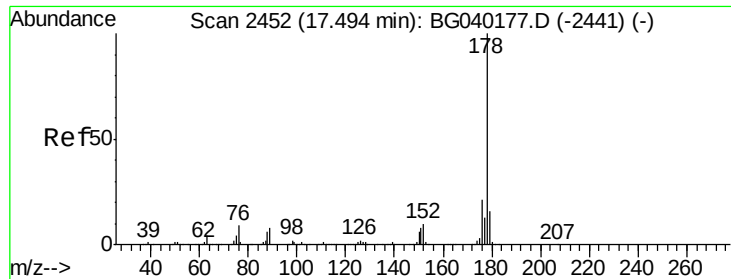


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.454 ng

RT: 17.45 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

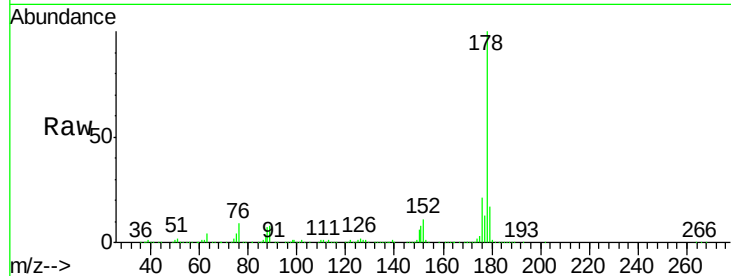
Tgt Ion:178 Resp: 864267

Ion Ratio Lower Upper

178 100

176 20.7 16.7 25.1

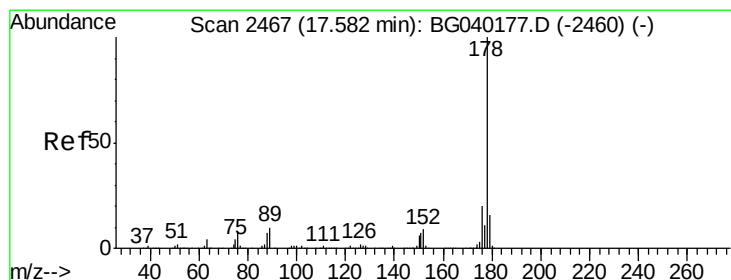
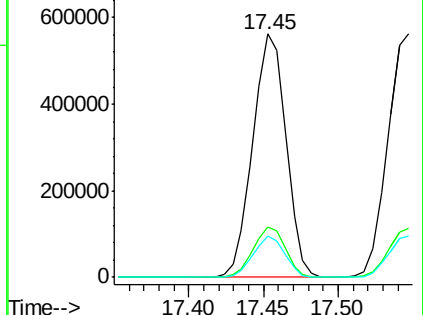
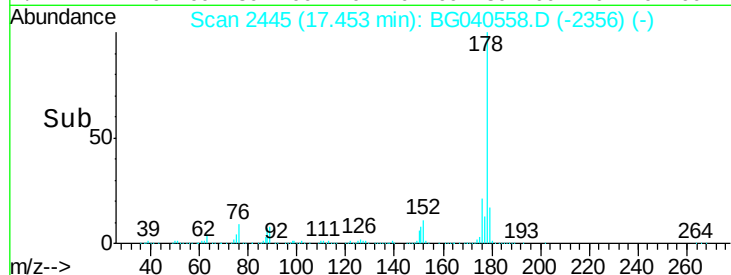
179 16.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 41.123 ng

RT: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

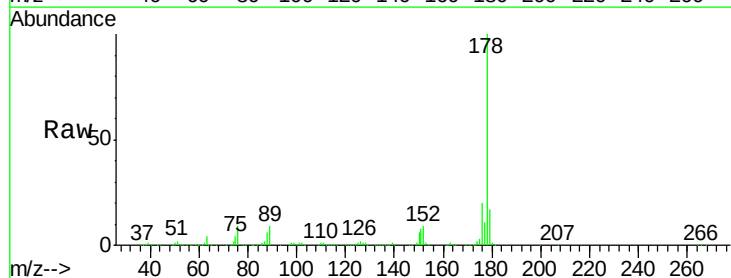
Tgt Ion:178 Resp: 879369

Ion Ratio Lower Upper

178 100

176 20.0 15.9 23.9

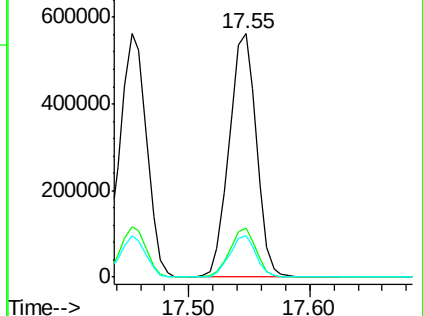
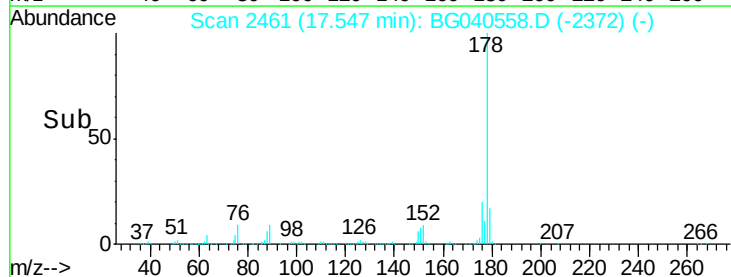
179 16.9 12.9 19.3



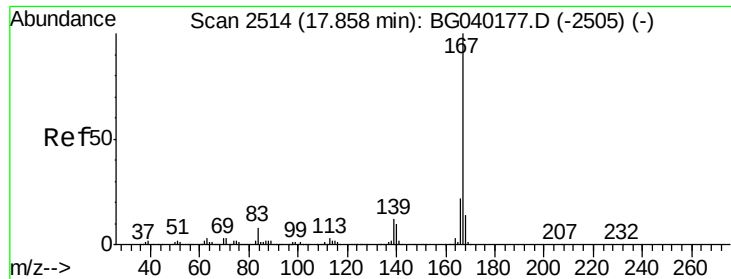
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



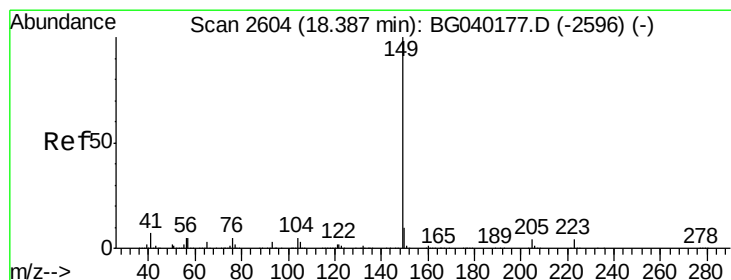
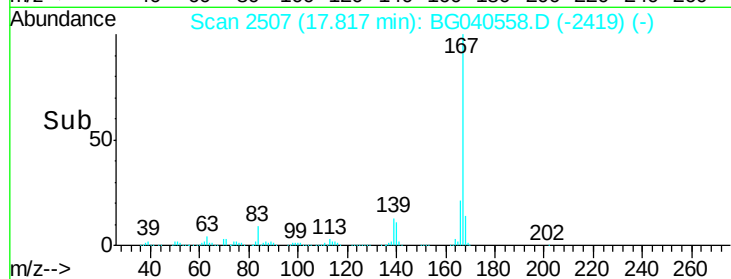
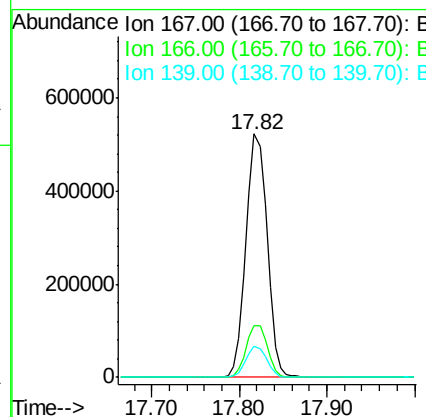
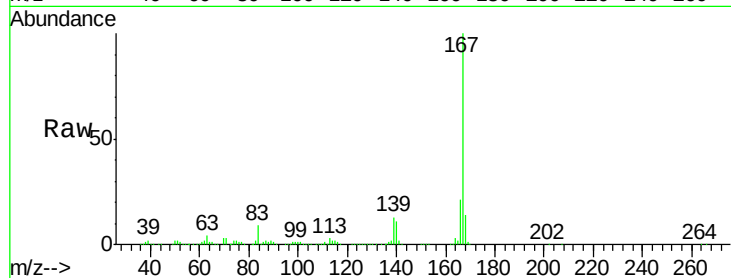




#73  
 Carbazole  
 Concen: 42.065 ng  
 RT: 17.82 min Scan# 2507  
 Delta R.T. -0.02 min  
 Lab File: BG040558.D  
 Acq: 19 Apr 2019 12:38

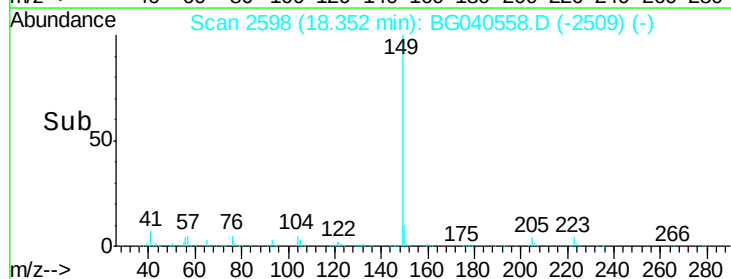
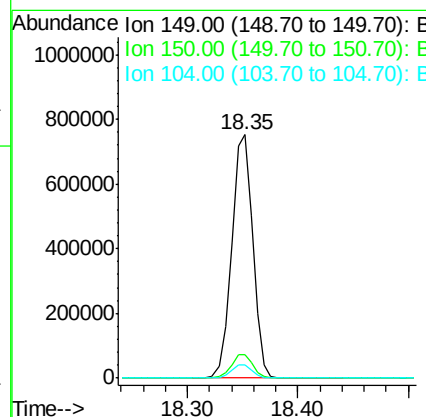
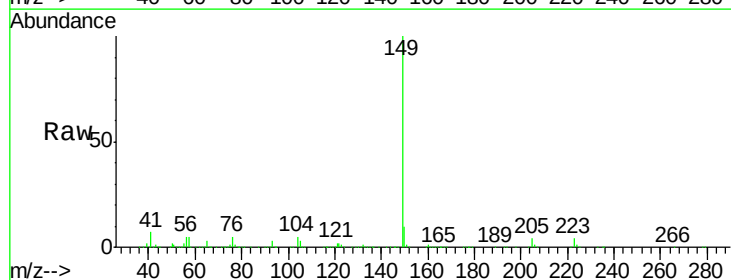
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB119042BS

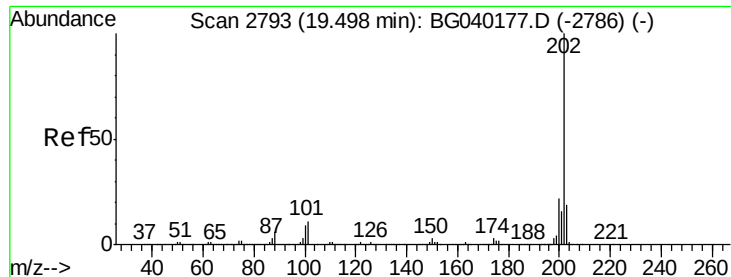
Tgt Ion:167 Resp: 851278  
 Ion Ratio Lower Upper  
 167 100  
 166 21.4 17.5 26.3  
 139 13.0 10.0 15.0



#74  
 Di-n-butylphthalate  
 Concen: 41.934 ng  
 RT: 18.35 min Scan# 2598  
 Delta R.T. -0.01 min  
 Lab File: BG040558.D  
 Acq: 19 Apr 2019 12:38

Tgt Ion:149 Resp: 1005933  
 Ion Ratio Lower Upper  
 149 100  
 150 9.8 7.9 11.9  
 104 5.4 4.1 6.1





#75

Fluoranthene

Concen: 54.250 ng

RT: 19.46 min Scan# 2786

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

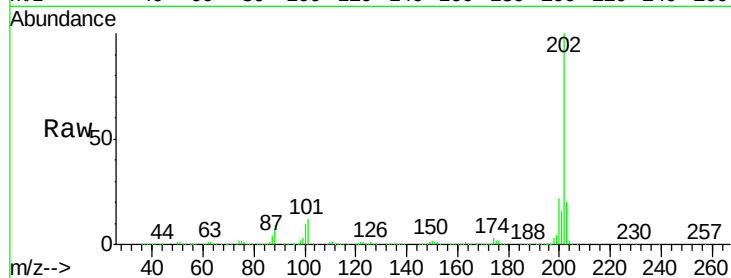
Tgt Ion:202 Resp: 1372408

Ion Ratio Lower Upper

202 100

101 12.4 0.0 30.8

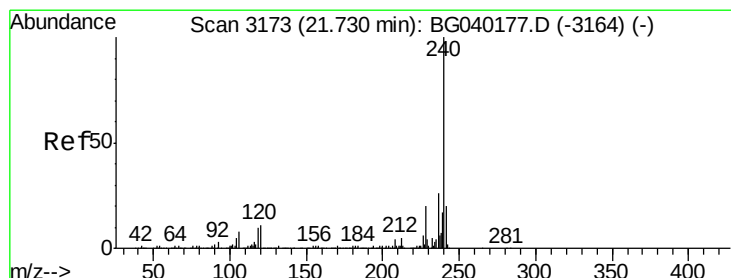
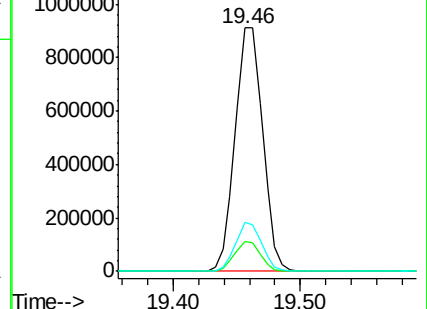
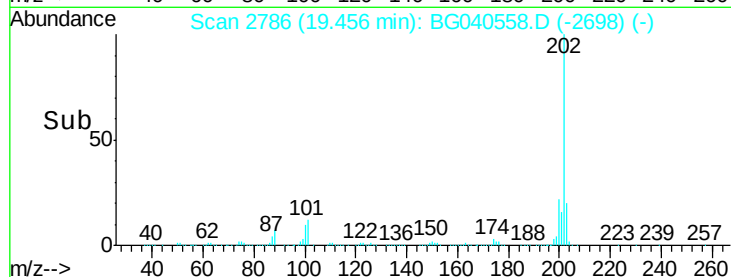
203 20.3 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

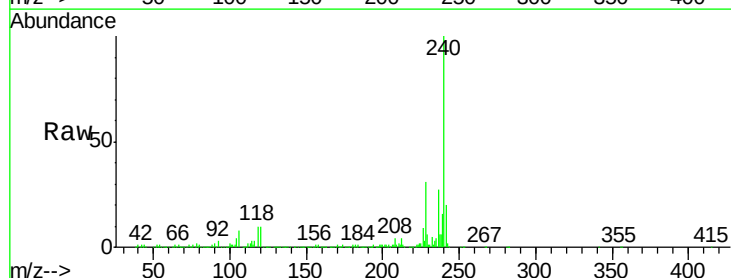
Tgt Ion:240 Resp: 393701

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

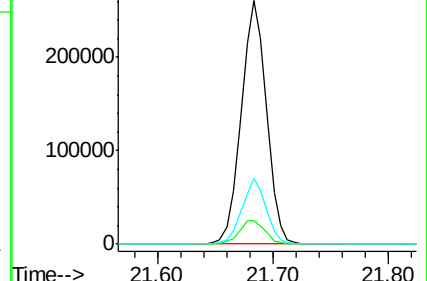
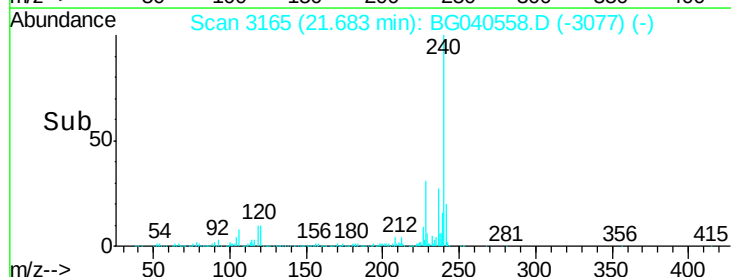
236 27.1 20.8 31.2

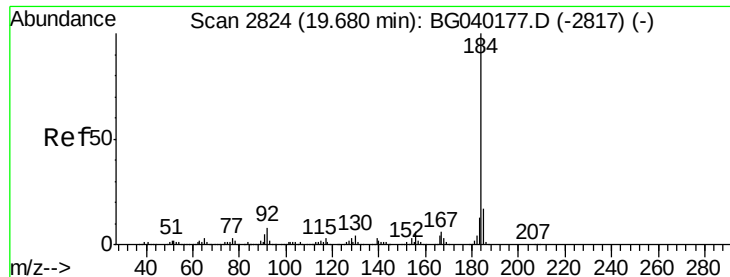


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.828 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

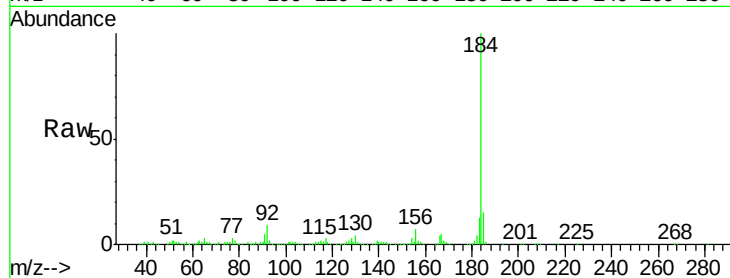
Tgt Ion:184 Resp: 537797

Ion Ratio Lower Upper

184 100

185 14.7 13.3 19.9

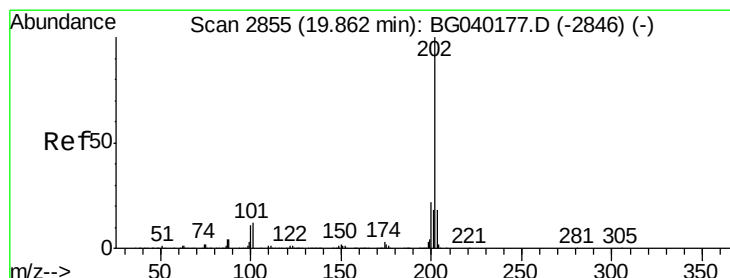
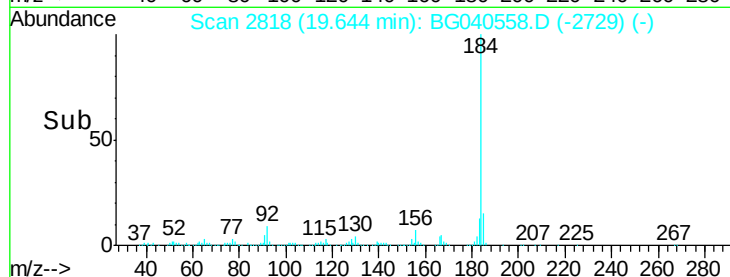
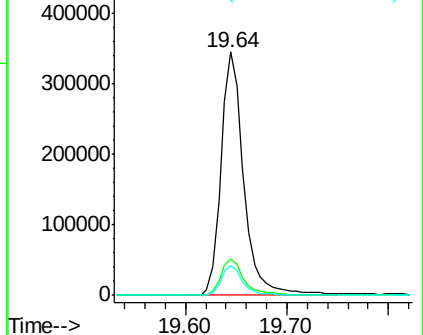
183 12.5 10.3 15.5



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: 52.659 ng

RT: 19.82 min Scan# 2848

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

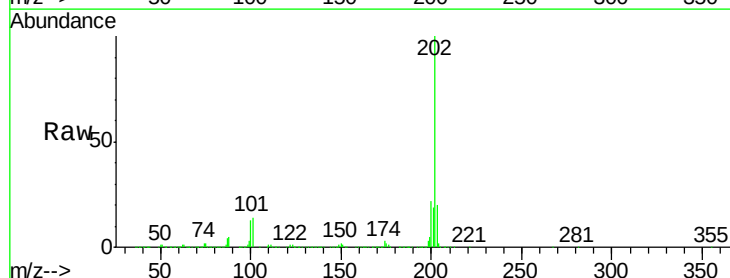
Tgt Ion:202 Resp: 1363362

Ion Ratio Lower Upper

202 100

200 22.5 17.3 25.9

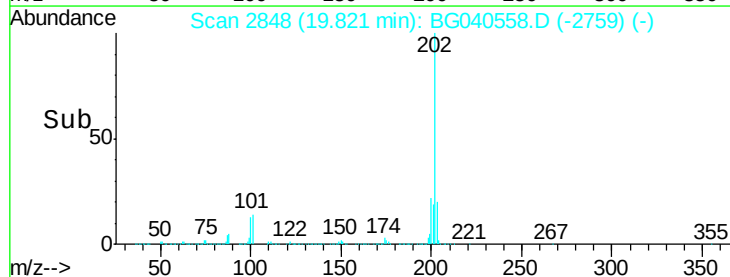
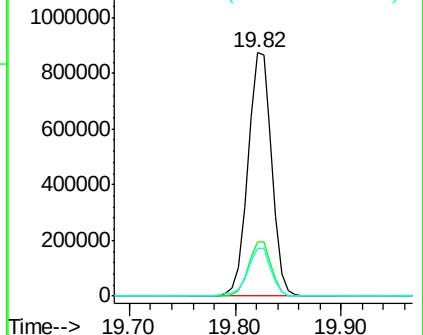
203 19.6 14.6 22.0

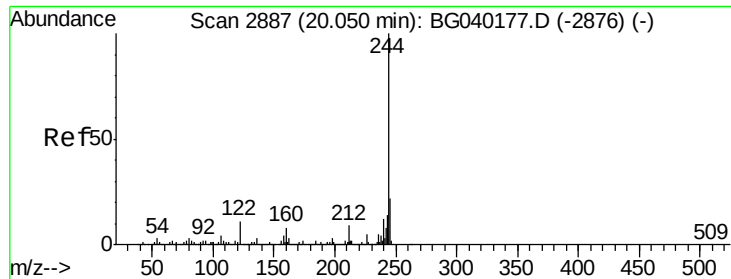


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 107.513 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

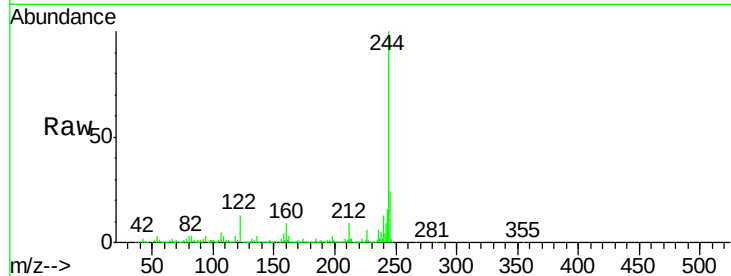
Tgt Ion:244 Resp: 1881530

Ion Ratio Lower Upper

244 100

212 9.4 7.0 10.6

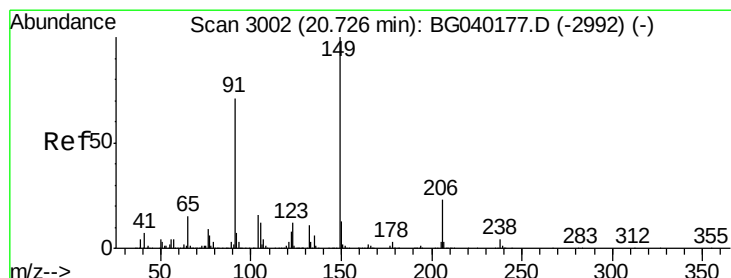
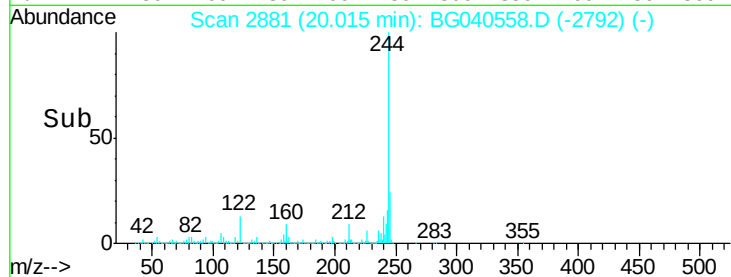
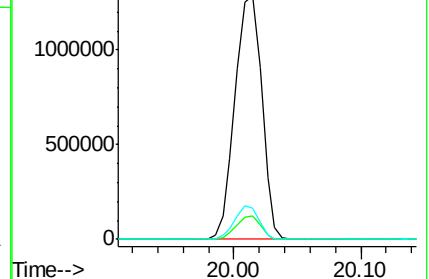
122 12.7 8.5 12.7



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: 57.788 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

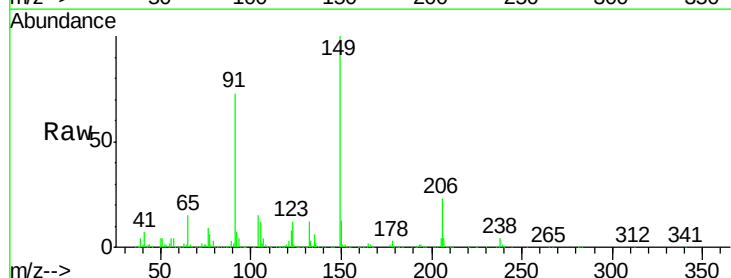
Tgt Ion:149 Resp: 640225

Ion Ratio Lower Upper

149 100

91 72.5 57.0 85.4

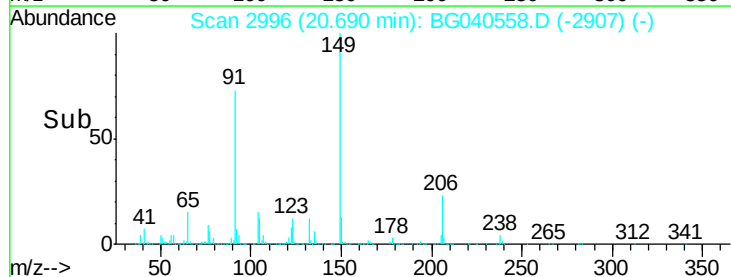
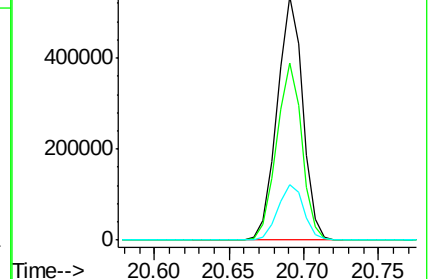
206 22.8 18.2 27.4

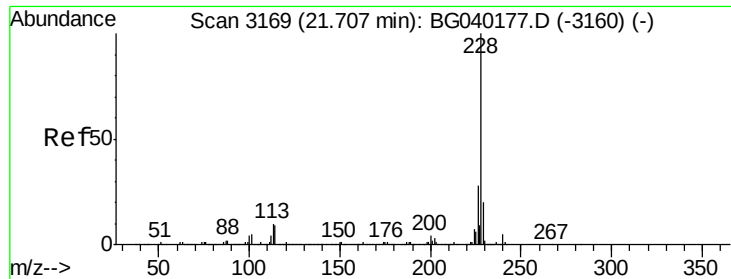


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.750 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

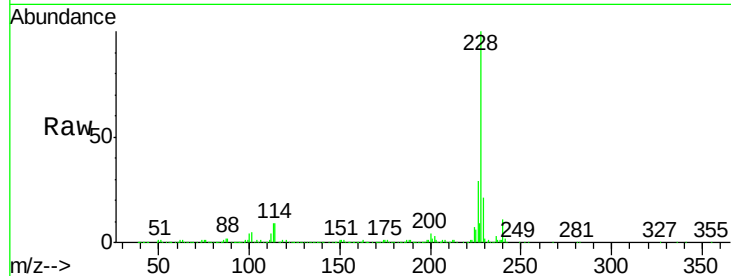
Tgt Ion:228 Resp: 939689

Ion Ratio Lower Upper

228 100

226 28.5 22.6 34.0

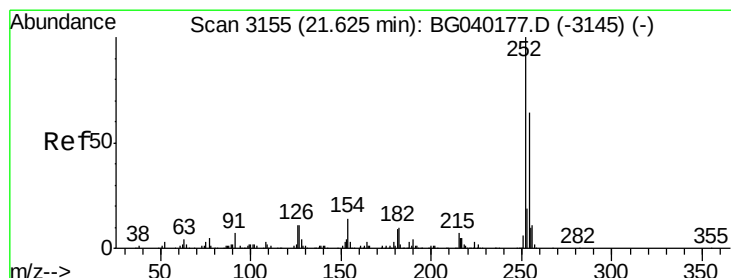
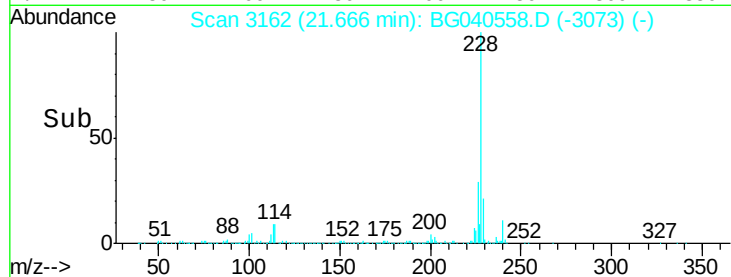
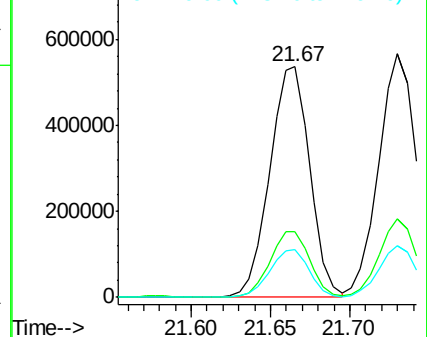
229 20.8 16.1 24.1



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: 29.197 ng

RT: 21.58 min Scan# 3147

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

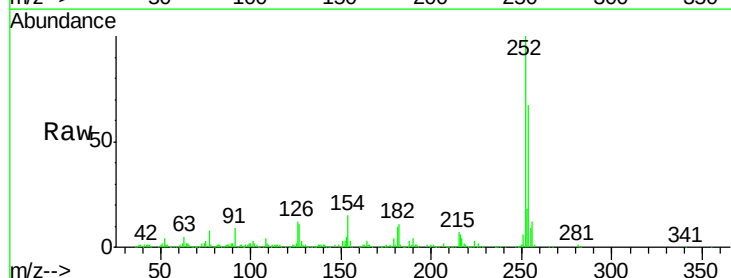
Tgt Ion:252 Resp: 269331

Ion Ratio Lower Upper

252 100

254 66.6 51.4 77.2

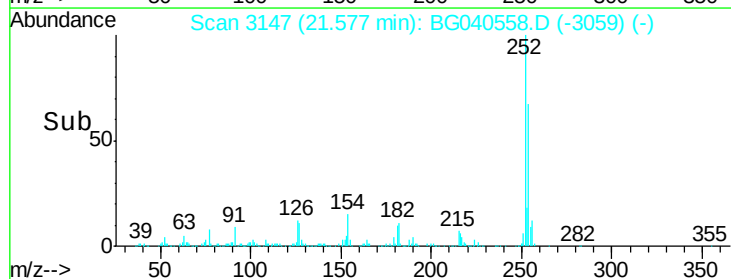
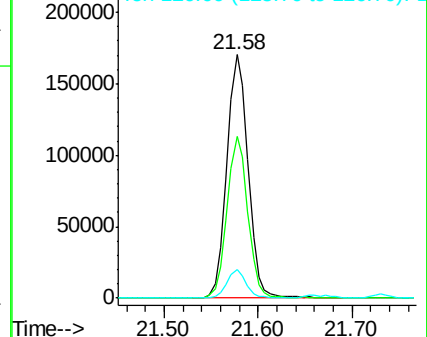
126 11.8 8.5 12.7

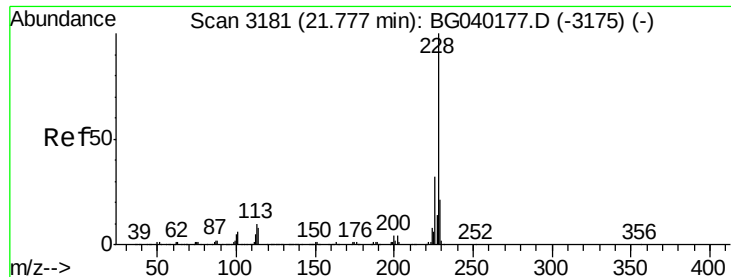


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.916 ng

RT: 21.73 min Scan# 3173

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

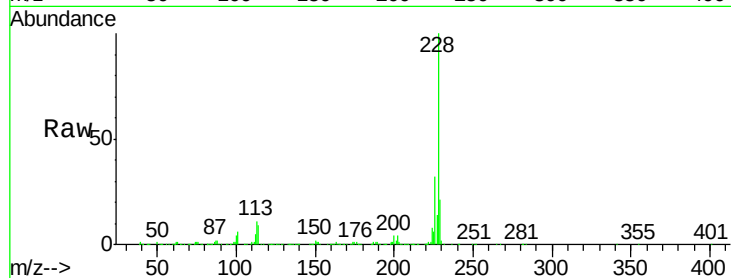
Tgt Ion:228 Resp: 930263

Ion Ratio Lower Upper

228 100

226 32.0 25.4 38.0

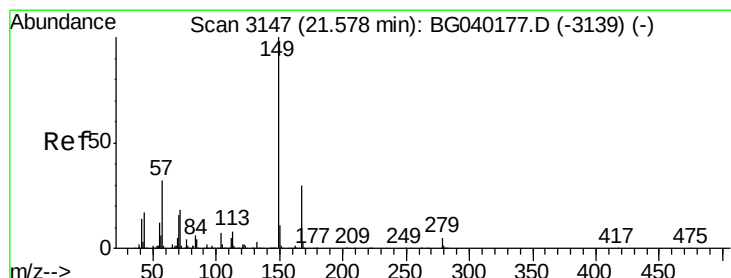
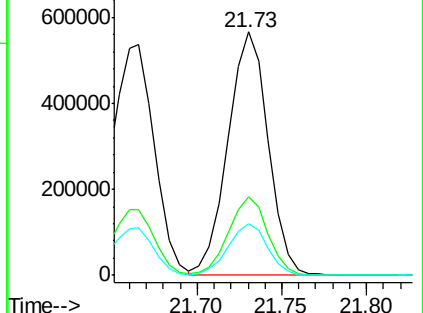
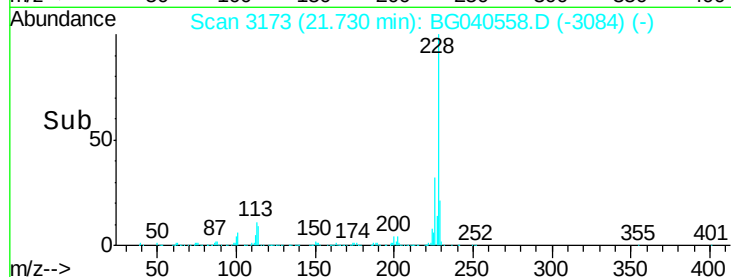
229 21.2 17.0 25.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.509 ng

RT: 21.53 min Scan# 3139

Delta R.T. -0.01 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

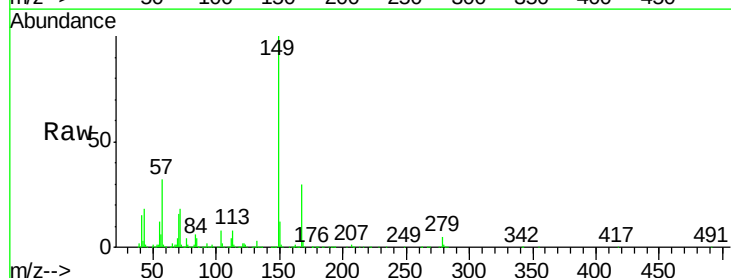
Tgt Ion:149 Resp: 657364

Ion Ratio Lower Upper

149 100

167 30.2 24.1 36.1

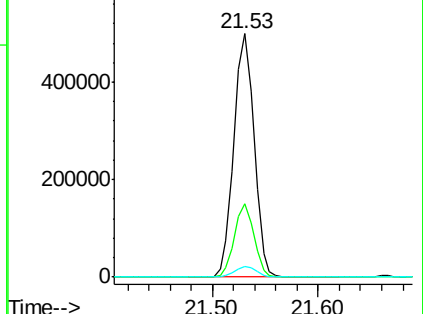
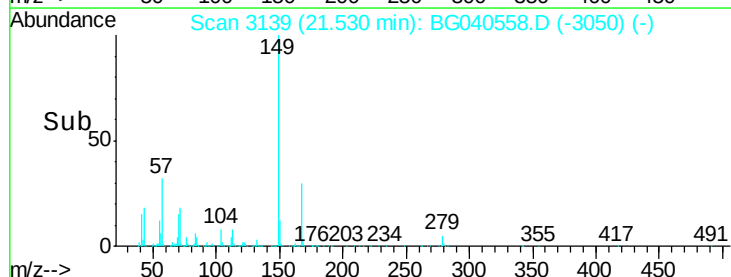
279 4.5 4.1 6.1

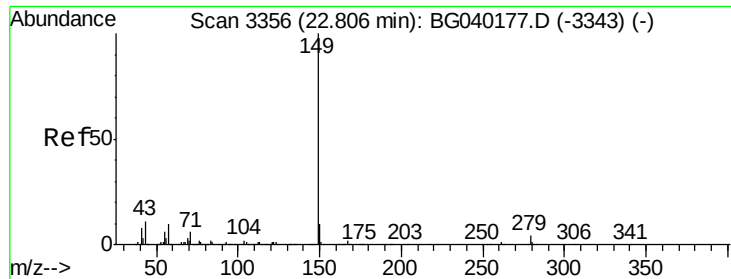


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.555 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.02 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

Instrument :

BNA\_G

ClientSampleId :

PB119042BS

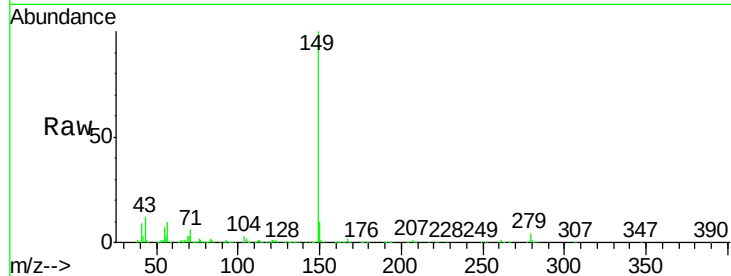
Tgt Ion:149 Resp: 1121239

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

43 11.3 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC

22.75

800000

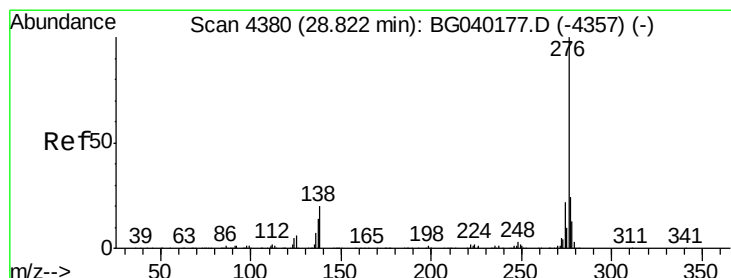
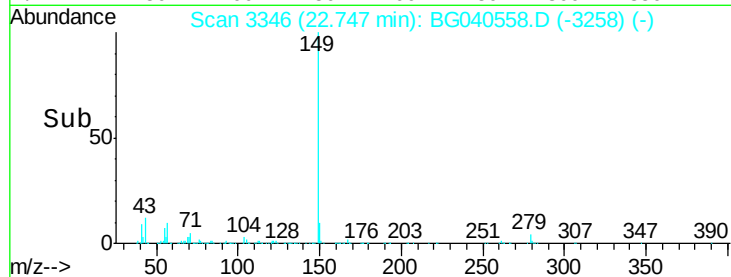
600000

400000

200000

0

Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.038 ng

RT: 28.70 min Scan# 4359

Delta R.T. -0.04 min

Lab File: BG040558.D

Acq: 19 Apr 2019 12:38

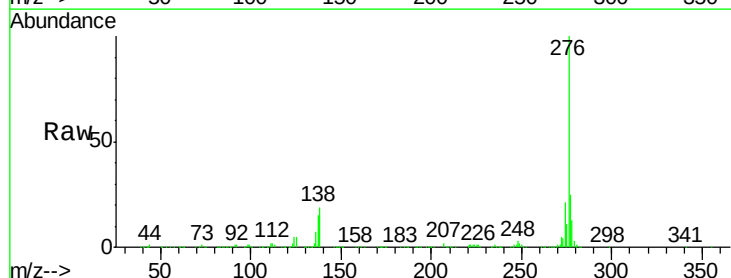
Tgt Ion:276 Resp: 1141259

Ion Ratio Lower Upper

276 100

138 15.8 18.8 28.2#

277 25.7 21.0 31.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

28.70

250000

200000

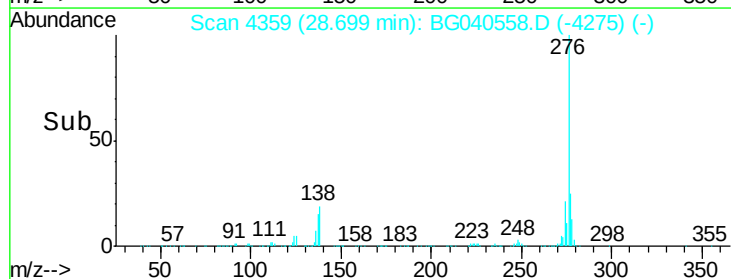
150000

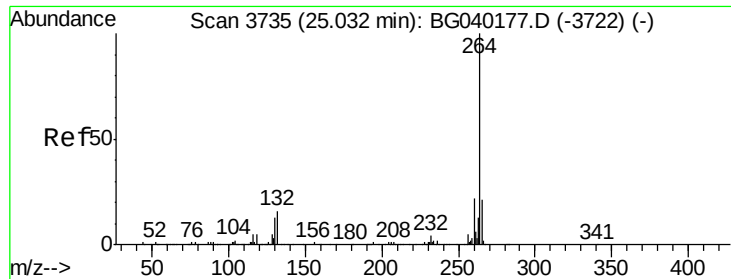
100000

50000

0

Time-->

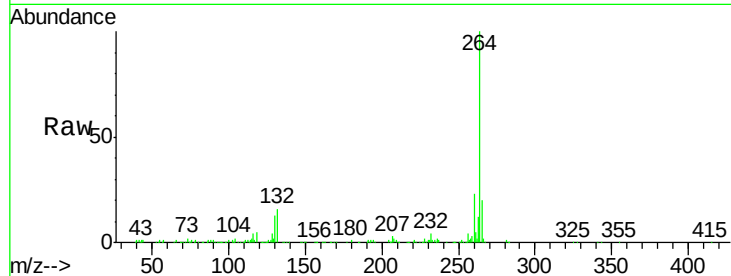




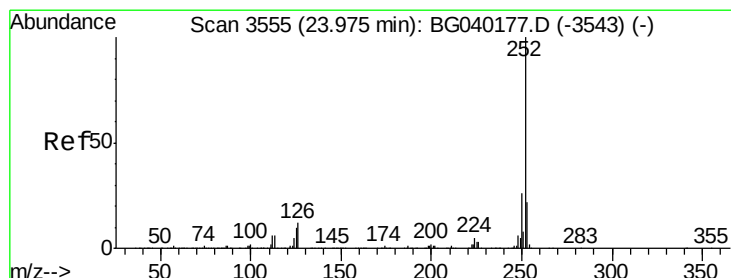
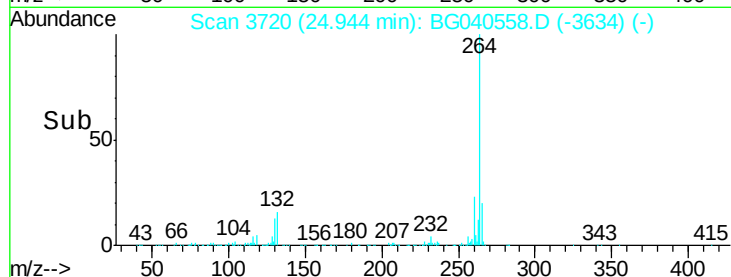
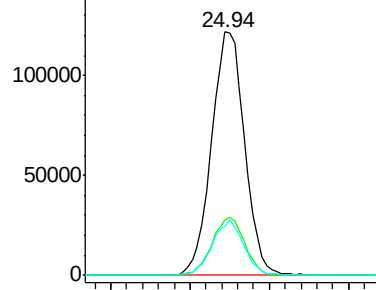
#87  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.94 min Scan# 3720  
Delta R.T. -0.03 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB119042BS

Tgt Ion: 264 Resp: 352559  
Ion Ratio Lower Upper  
264 100  
260 22.7 17.9 26.9  
265 19.9 16.8 25.2

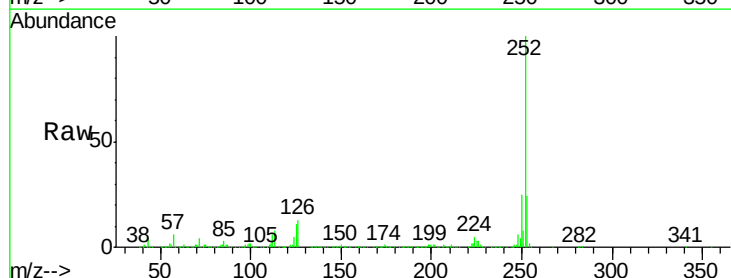


Abundance Ion 264.00 (263.70 to 264.70): E  
Ion 260.00 (259.70 to 260.70): E  
Ion 265.00 (264.70 to 265.70): E

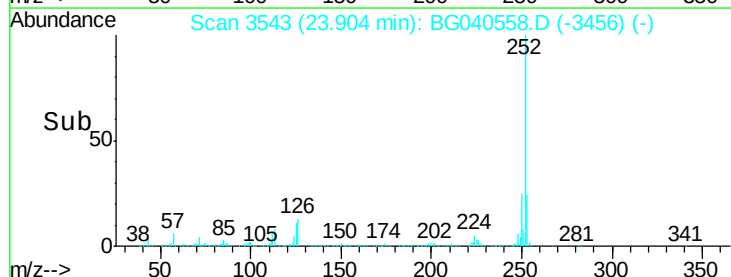
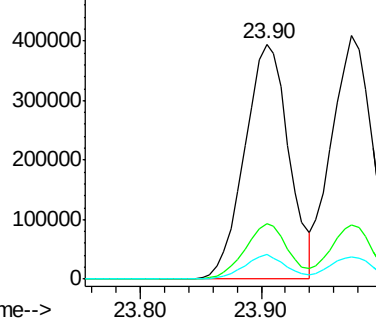


#88  
Benzo(b)fluoranthene  
Concen: 46.273 ng  
RT: 23.90 min Scan# 3543  
Delta R.T. -0.02 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

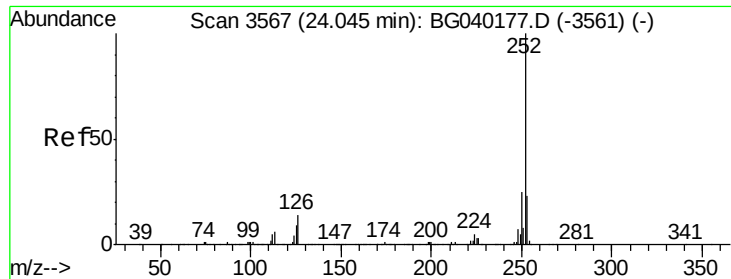
Tgt Ion: 252 Resp: 998806  
Ion Ratio Lower Upper  
252 100  
253 23.8 17.6 26.4  
125 10.6 8.2 12.4



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



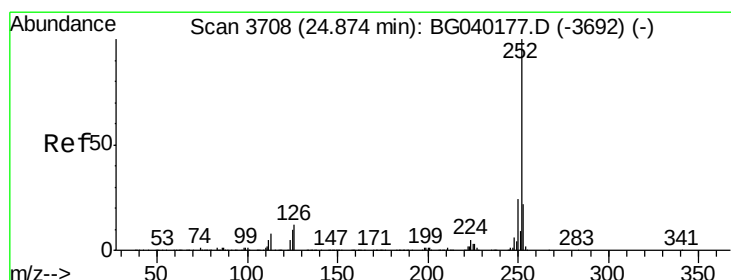
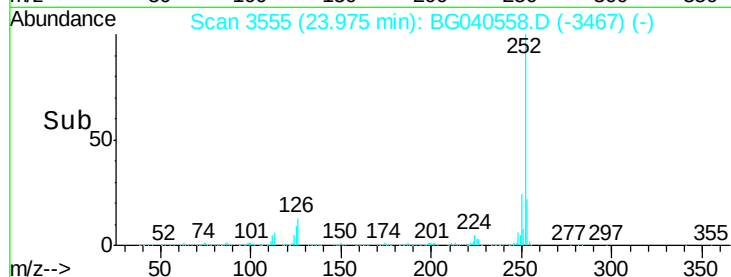
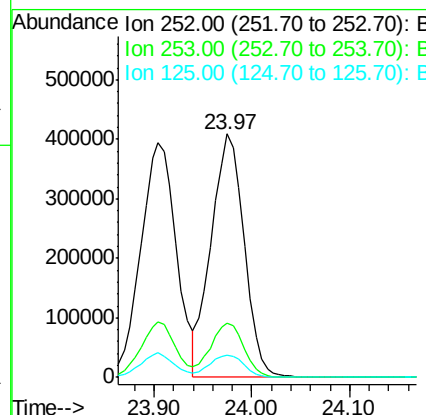
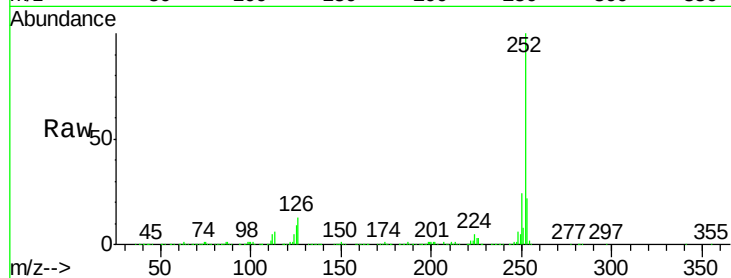




#89  
Benzo(k)fluoranthene  
Concen: 48.140 ng  
RT: 23.97 min Scan# 3555  
Delta R.T. -0.02 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

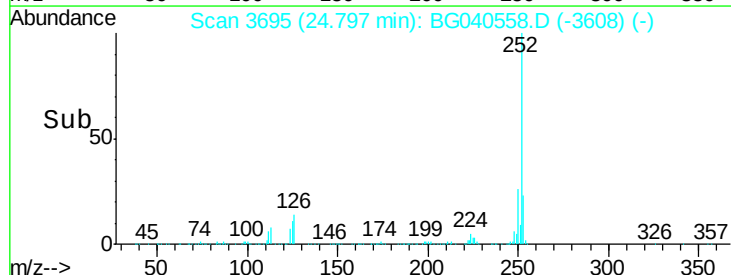
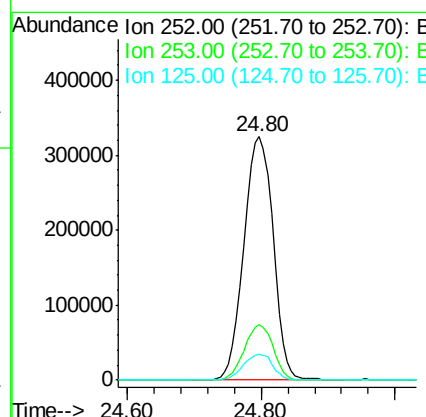
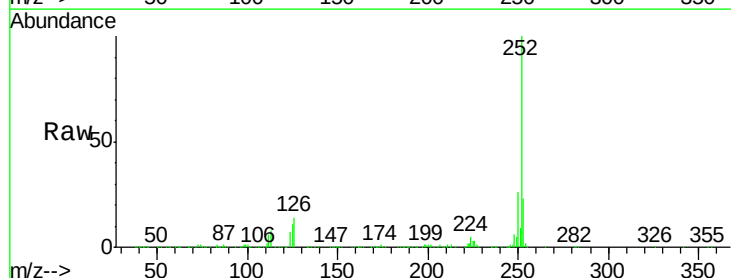
Instrument :  
BNA\_G  
ClientSampleId :  
PB119042BS

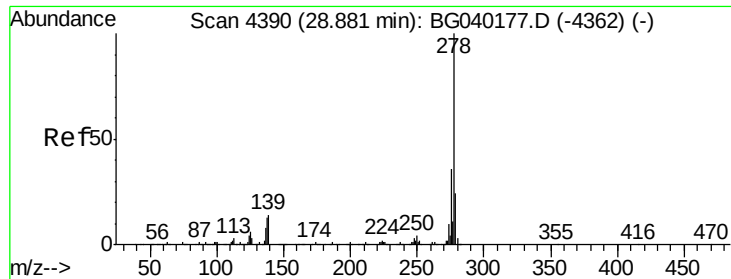
Tgt Ion: 252 Resp: 955566  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.6 28.0  
125 9.4 7.3 10.9



#90  
Benzo(a)pyrene  
Concen: 48.519 ng  
RT: 24.80 min Scan# 3695  
Delta R.T. -0.02 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Tgt Ion: 252 Resp: 982630  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.8 26.8  
125 10.6 8.3 12.5

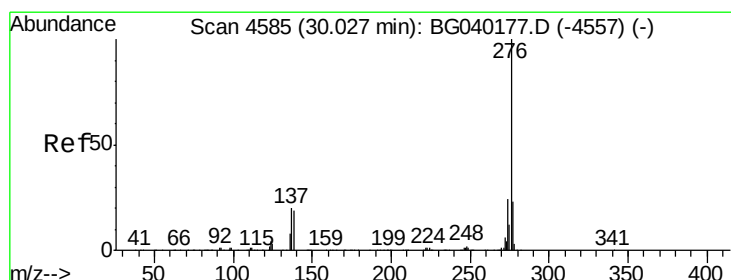
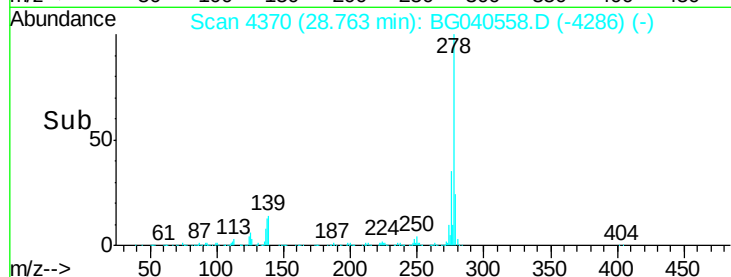
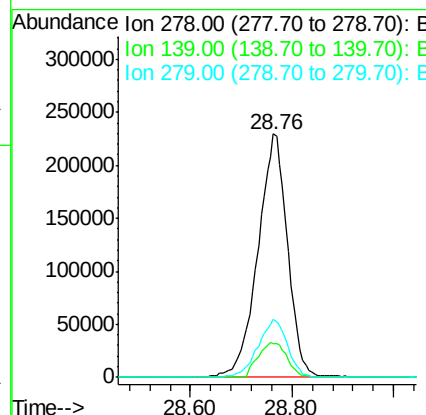
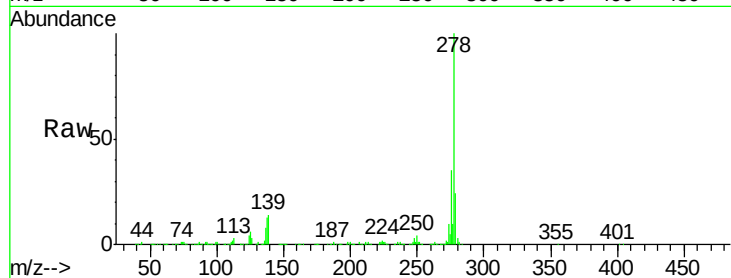




#91  
Dibenzo(a,h)anthracene  
Concen: 49.387 ng  
RT: 28.76 min Scan# 4370  
Delta R.T. -0.04 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

Instrument :  
BNA\_G  
ClientSampleId :  
PB119042BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.1  | 11.2  | 16.8  |
| 279     | 23.7  | 18.9  | 28.3  |



#92  
Benzo(g,h,i)perylene  
Concen: 49.703 ng  
RT: 29.89 min Scan# 4561  
Delta R.T. -0.02 min  
Lab File: BG040558.D  
Acq: 19 Apr 2019 12:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 18.6  | 28.0  |
| 138     | 20.3  | 15.2  | 22.8  |

