

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG041619\  
 Data File : BG040504.D  
 Acq On : 16 Apr 2019 15:28  
 Operator : JU/SJ  
 Sample : K2423-09MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-AMS

Quant Time: Apr 16 18:21:15 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 | 8.04  | 152  | 52753    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.86 | 136  | 218755   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.67 | 164  | 143166   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.42 | 188  | 358714   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.70 | 240  | 315685   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 24.97 | 264  | 351575   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.60  | 112 | 400425  | 126.19 | ng | 0.00 |
| 7) Phenol-d6             | 7.20  | 99  | 568163  | 129.55 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.22  | 82  | 340615  | 82.76  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 16.17 | 330 | 208451  | 134.72 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 13.29 | 172 | 728973  | 75.45  | ng | 0.00 |
| 79) Terphenyl-d14        | 20.02 | 244 | 1119231 | 79.76  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88  | 49412  | 33.115 | ng | 99     |
| 3) Pyridine                    | 3.89  | 79  | 125542 | 31.249 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 69119  | 37.194 | ng | # 93   |
| 6) Aniline                     | 7.37  | 93  | 153779 | 26.989 | ng | 97     |
| 8) 2-Chlorophenol              | 7.61  | 128 | 141556 | 38.108 | ng | 99     |
| 9) Benzaldehyde                | 7.19  | 77  | 51533  | 17.131 | ng | 97     |
| 10) Phenol                     | 7.23  | 94  | 189391 | 39.787 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.46  | 93  | 134802 | 35.357 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.93  | 146 | 132149 | 32.726 | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.08  | 146 | 138669 | 34.479 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.39  | 146 | 131019 | 34.066 | ng | 98     |
| 15) Benzyl Alcohol             | 8.28  | 79  | 126661 | 35.862 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.56  | 45  | 268655 | 36.716 | ng | 97     |
| 17) 2-Methylphenol             | 8.48  | 107 | 128047 | 38.874 | ng | 96     |
| 18) Hexachloroethane           | 9.12  | 117 | 48844  | 31.928 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70  | 111584 | 35.488 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.81  | 107 | 175931 | 39.427 | ng | 100    |
| 22) Acetophenone               | 8.87  | 105 | 217473 | 39.854 | ng | # 98   |
| 24) Nitrobenzene               | 9.26  | 77  | 166139 | 38.984 | ng | 96     |
| 25) Isophorone                 | 9.77  | 82  | 322156 | 38.044 | ng | 99     |
| 26) 2-Nitrophenol              | 9.97  | 139 | 78223  | 38.736 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 10.01 | 122 | 150497 | 46.918 | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.26 | 93  | 194289 | 38.781 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.50 | 162 | 144042 | 41.371 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.71 | 180 | 141815 | 37.095 | ng | 99     |
| 31) Naphthalene                | 10.91 | 128 | 432667 | 38.587 | ng | 100    |
| 32) Benzoic acid               | 10.01 | 122 | 150497 | 77.654 | ng | # 16   |
| 33) 4-Chloroaniline            | 11.03 | 127 | 122058 | 25.520 | ng | 96     |
| 34) Hexachlorobutadiene        | 11.17 | 225 | 83660  | 34.217 | ng | 93     |
| 35) Caprolactam                | 11.81 | 113 | 54507  | 39.450 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 173273 | 43.290 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.51 | 142 | 328700 | 39.637 | ng | 100    |
| 38) 1-Methylnaphthalene        | 12.73 | 142 | 313022 | 38.926 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.87 | 216 | 166980 | 36.696 | ng | 98     |

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 Sample : K2423-09MS  
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 ALS Vial : 6 Sample Multiplier: 1

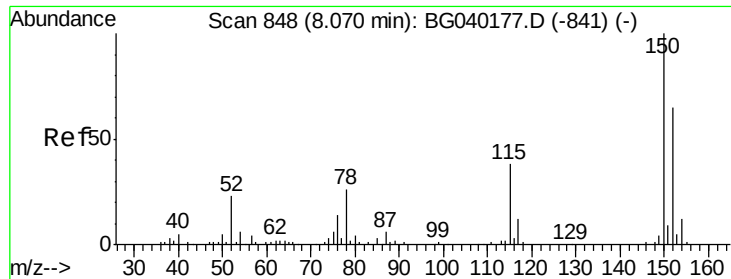
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-AMS

Quant Time: Apr 16 18:21:15 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  | 12.84 | 237  | 168936   | 67.616 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.11 | 196  | 118639   | 40.440 | ng    | 97       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 130509   | 40.813 | ng    | 97       |
| 46) 1,1'-Biphenyl              | 13.51 | 154  | 428835   | 37.910 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.56 | 162  | 328477   | 37.856 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.77 | 65   | 124935   | 42.686 | ng    | 91       |
| 49) Acenaphthylene             | 14.40 | 152  | 561260   | 38.151 | ng    | 99       |
| 50) Dimethylphthalate          | 14.13 | 163  | 577505   | 51.541 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 14.26 | 165  | 103811   | 41.262 | ng    | 98       |
| 52) Acenaphthene               | 14.74 | 154  | 324944   | 38.546 | ng    | 96       |
| 53) 3-Nitroaniline             | 14.60 | 138  | 83622    | 31.400 | ng    | 94       |
| 54) 2,4-Dinitrophenol          | 14.80 | 184  | 87988    | 65.761 | ng    | 99       |
| 55) Dibenzofuran               | 15.07 | 168  | 540919   | 39.933 | ng    | 98       |
| 56) 4-Nitrophenol              | 14.90 | 139  | 156367   | 72.750 | ng    | 97       |
| 57) 2,4-Dinitrotoluene         | 15.04 | 165  | 151810   | 43.426 | ng    | # 97     |
| 58) Fluorene                   | 15.72 | 166  | 424968   | 39.903 | ng    | 99       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 125316   | 43.186 | ng    | 99       |
| 60) Diethylphthalate           | 15.48 | 149  | 483165   | 42.140 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.71 | 204  | 226345   | 39.760 | ng    | 94       |
| 62) 4-Nitroaniline             | 15.76 | 138  | 117510   | 41.116 | ng    | 99       |
| 63) Azobenzene                 | 16.00 | 77   | 436812   | 40.389 | ng    | 98       |
| 65) 4,6-Dinitro-2-methylphenol | 15.80 | 198  | 75602    | 37.514 | ng    | 94       |
| 66) n-Nitrosodiphenylamine     | 15.93 | 169  | 410676   | 39.123 | ng    | 99       |
| 67) 4-Bromophenyl-phenylether  | 16.60 | 248  | 151557   | 37.544 | ng    | 96       |
| 68) Hexachlorobenzene          | 16.72 | 284  | 153409   | 37.797 | ng    | 97       |
| 69) Atrazine                   | 16.87 | 200  | 152872   | 39.150 | ng    | 100      |
| 70) Pentachlorophenol          | 17.07 | 266  | 154824   | 65.979 | ng    | 97       |
| 71) Phenanthrene               | 17.46 | 178  | 733154   | 38.885 | ng    | 99       |
| 72) Anthracene                 | 17.55 | 178  | 751057   | 39.797 | ng    | 100      |
| 73) Carbazole                  | 17.83 | 167  | 714249   | 39.991 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.36 | 149  | 858392   | 40.546 | ng    | 100      |
| 75) Fluoranthene               | 19.47 | 202  | 882980   | 39.549 | ng    | 99       |
| 77) Benzidine                  | 19.66 | 184  | 279064   | 24.480 | ng    | 97       |
| 78) Pyrene                     | 19.83 | 202  | 872695   | 42.038 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.70 | 149  | 396026   | 44.580 | ng    | 97       |
| 81) Benzo(a)anthracene         | 21.68 | 228  | 789444   | 40.600 | ng    | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.59 | 252  | 219269   | 29.644 | ng    | 99       |
| 83) Chrysene                   | 21.74 | 228  | 782838   | 41.891 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.54 | 149  | 574801   | 45.265 | ng    | 99       |
| 85) Di-n-octyl phthalate       | 22.76 | 149  | 995352   | 46.006 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 28.73 | 276  | 906963   | 39.682 | ng    | # 88     |
| 88) Benzo(b)fluoranthene       | 23.93 | 252  | 827285   | 38.434 | ng    | 97       |
| 89) Benzo(k)fluoranthene       | 23.99 | 252  | 824828   | 41.670 | ng    | 99       |
| 90) Benzo(a)pyrene             | 24.82 | 252  | 827884   | 40.993 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.80 | 278  | 738736   | 39.385 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 29.92 | 276  | 755732   | 39.204 | ng    | 96       |

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



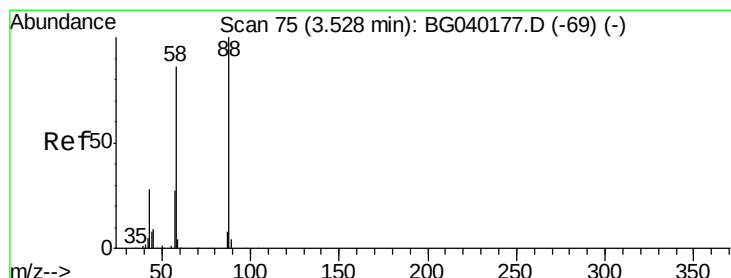
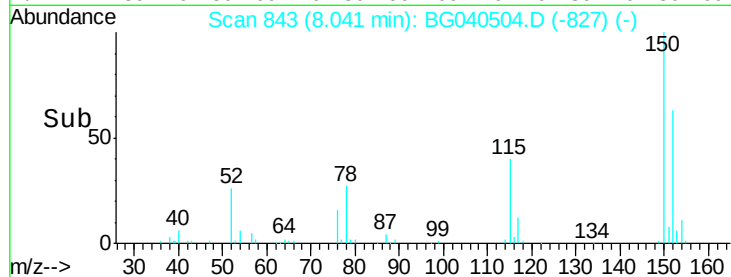
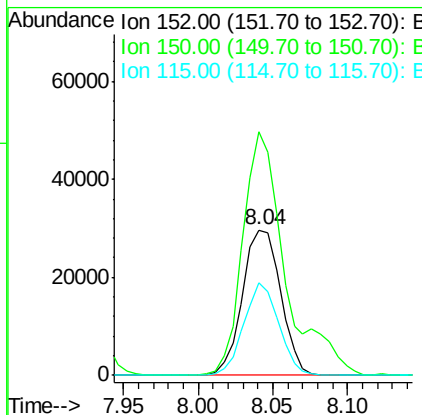
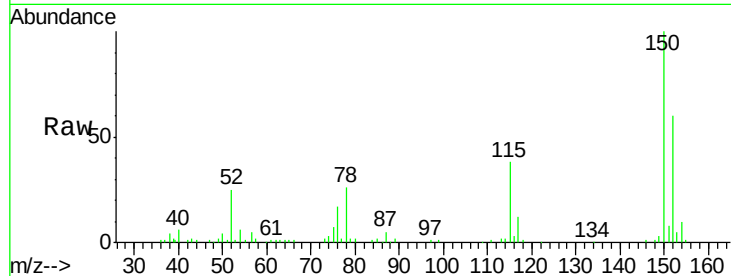


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.04 min Scan# 843  
Delta R.T. -0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

Instrument :  
BNA\_G  
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TP3-AMS

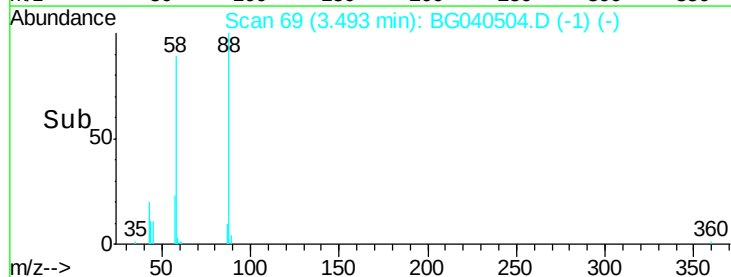
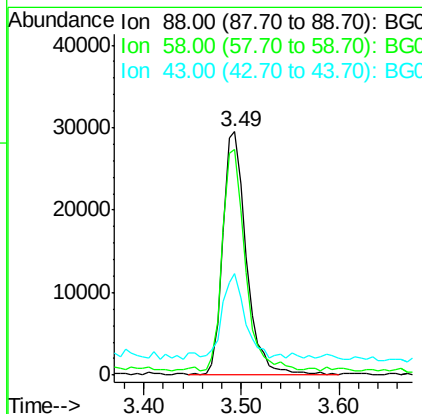
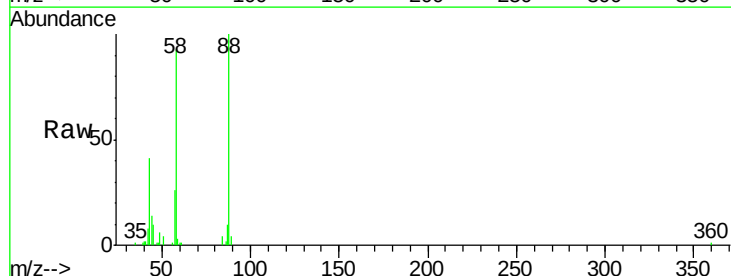
Tgt Ion:152 Resp: 52753  
Ion Ratio Lower Upper  
152 100  
150 167.2 123.7 185.5  
115 63.5 46.9 70.3

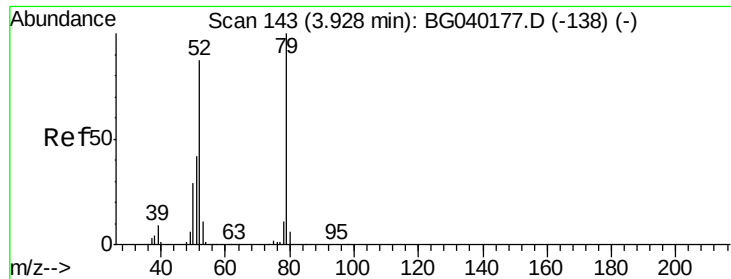


#2

1,4-Dioxane  
Concen: 33.115 ng  
RT: 3.49 min Scan# 69  
Delta R.T. -0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

Tgt Ion: 88 Resp: 49412  
Ion Ratio Lower Upper  
88 100  
58 87.7 70.6 106.0  
43 32.0 24.8 37.2





#3

Pyridine

Concen: 31.249 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

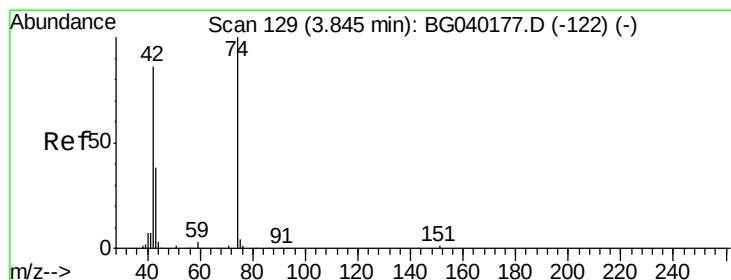
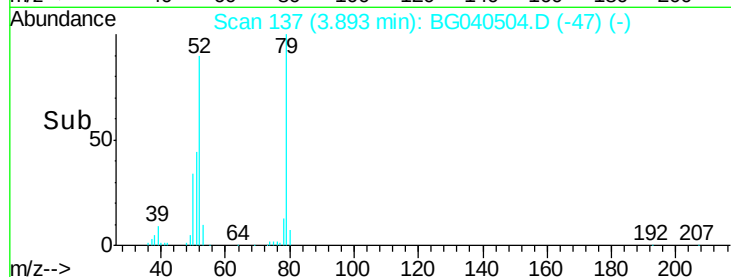
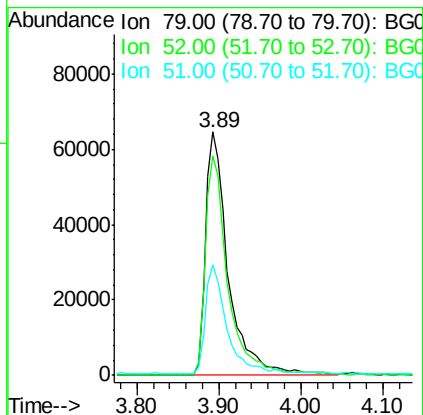
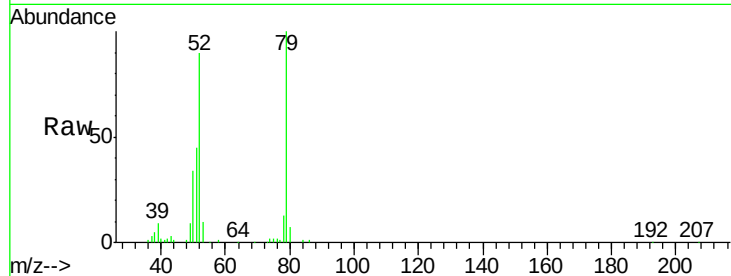
Tgt Ion: 79 Resp: 125542

Ion Ratio Lower Upper

79 100

52 89.8 69.8 104.8

51 45.5 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 37.194 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

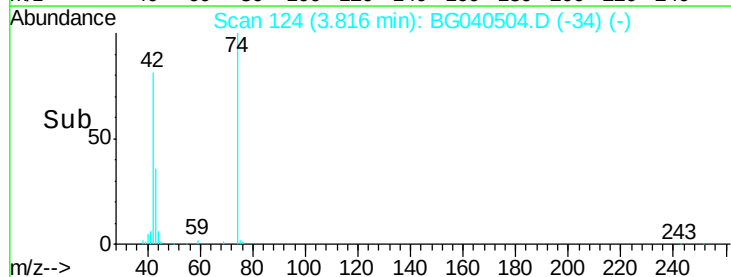
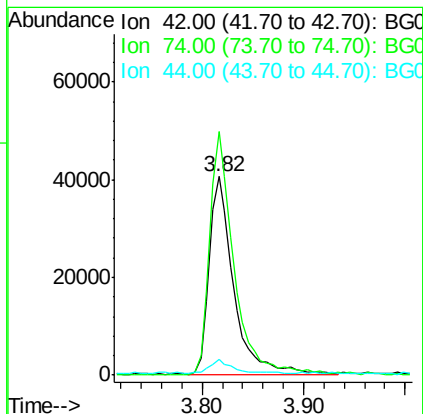
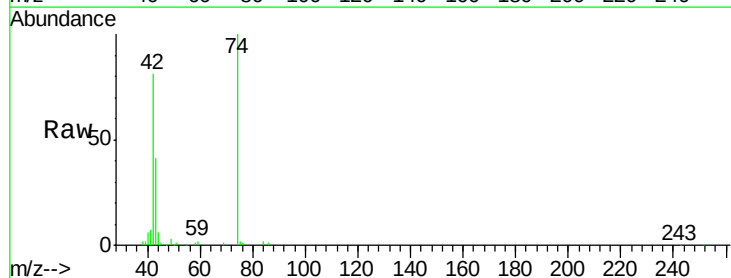
Tgt Ion: 42 Resp: 69119

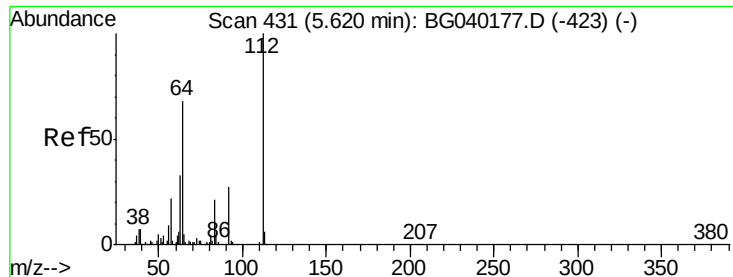
Ion Ratio Lower Upper

42 100

74 122.8 92.9 139.3

44 7.7 9.7 14.5#





#5

2-Fluorophenol

Concen: 126.186 ng

RT: 5.60 min Scan# 427

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

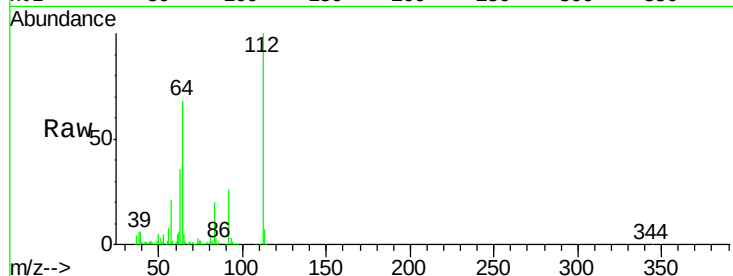
Tgt Ion: 112 Resp: 400425

Ion Ratio Lower Upper

112 100

64 68.2 54.2 81.2

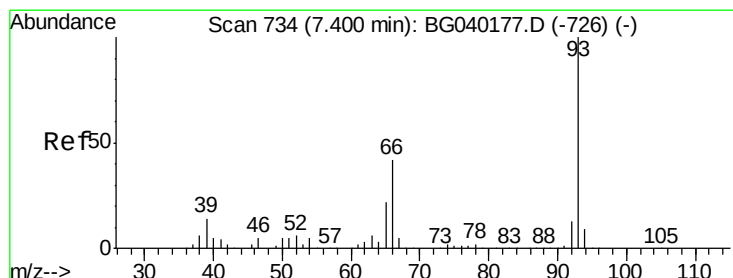
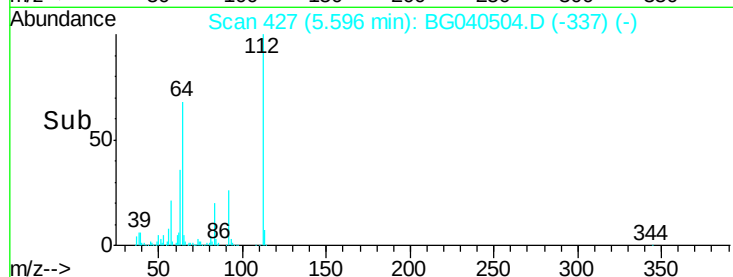
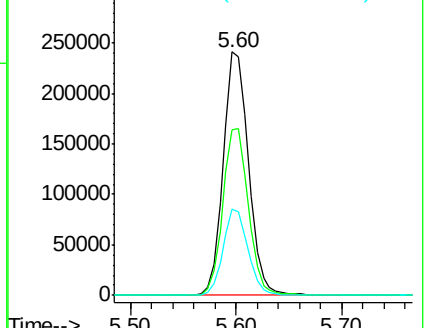
63 35.6 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 26.989 ng

RT: 7.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

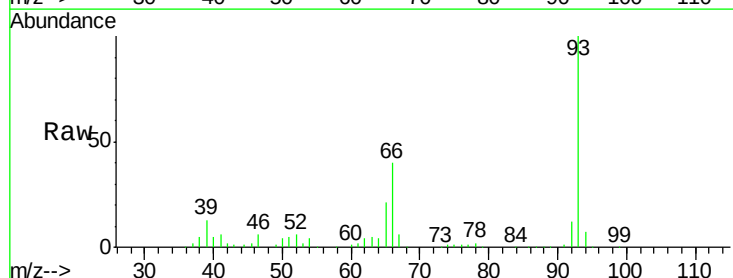
Tgt Ion: 93 Resp: 153779

Ion Ratio Lower Upper

93 100

66 39.7 33.6 50.4

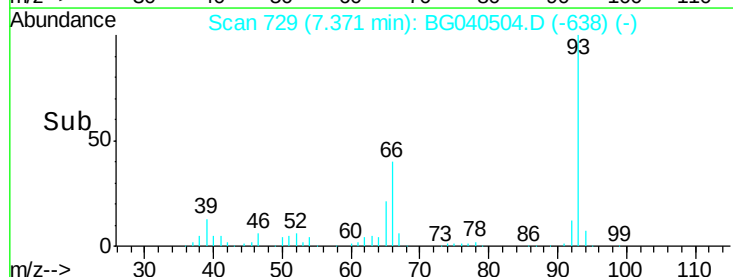
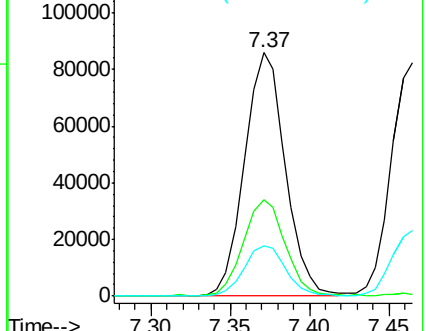
65 20.5 17.4 26.2

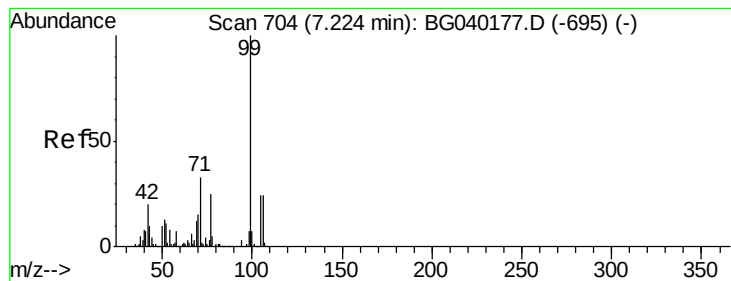


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 129.554 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG040504.D

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Instrument :

BNA\_G

ClientSampleId :

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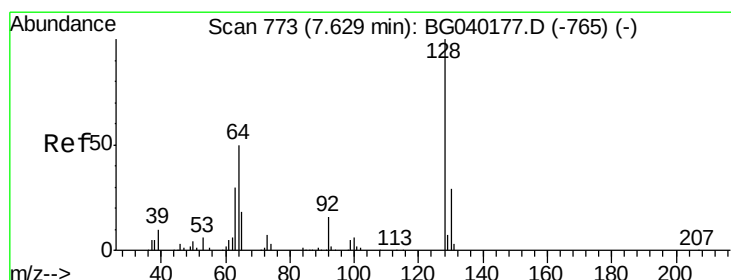
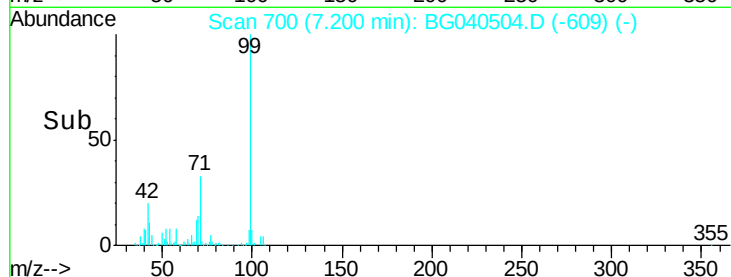
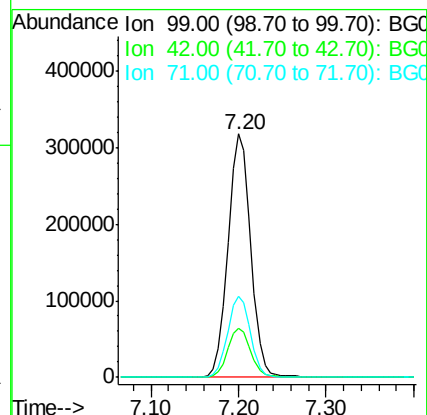
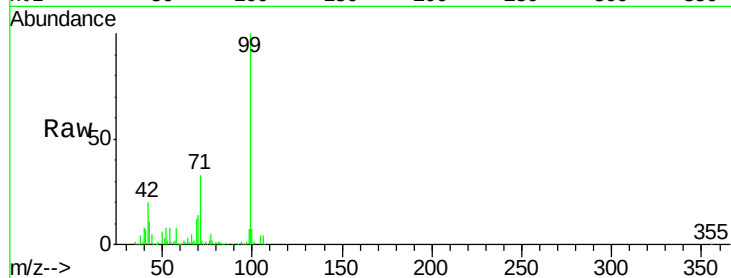
Tgt Ion: 99 Resp: 568163

Ion Ratio Lower Upper

99 100

42 20.4 16.2 24.2

71 33.3 26.8 40.2



#8

2-Chlorophenol

Concen: 38.108 ng

RT: 7.61 min Scan# 769

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

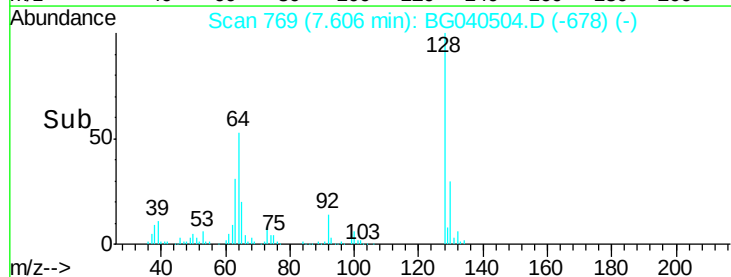
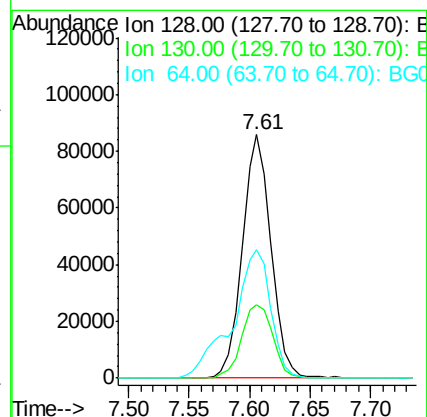
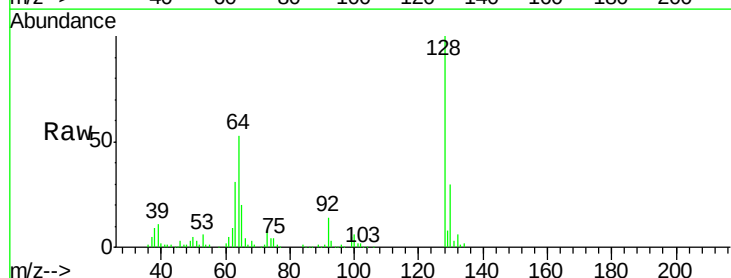
Tgt Ion: 128 Resp: 141556

Ion Ratio Lower Upper

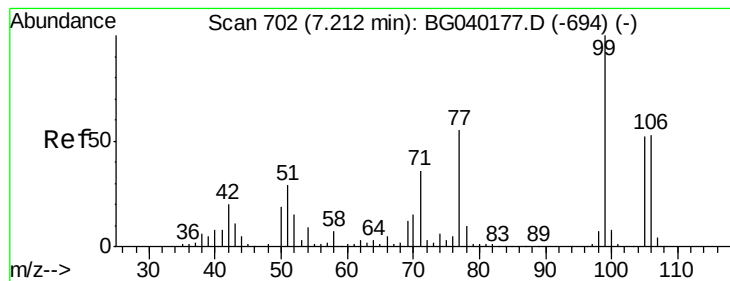
128 100

130 30.1 9.1 49.1

64 52.8 33.1 73.1







#9

Benzaldehyde

Concen: 17.131 ng

RT: 7.19 min Scan# 698

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

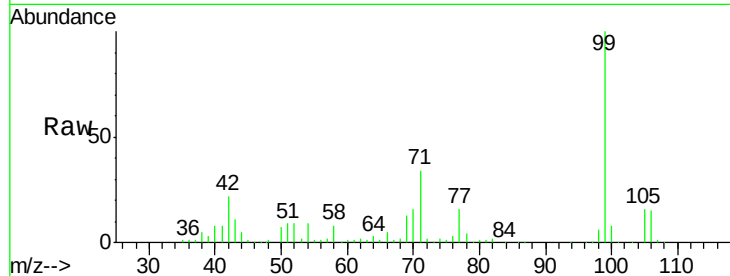
Tgt Ion: 77 Resp: 51533

Ion Ratio Lower Upper

77 100

105 99.2 75.0 115.0

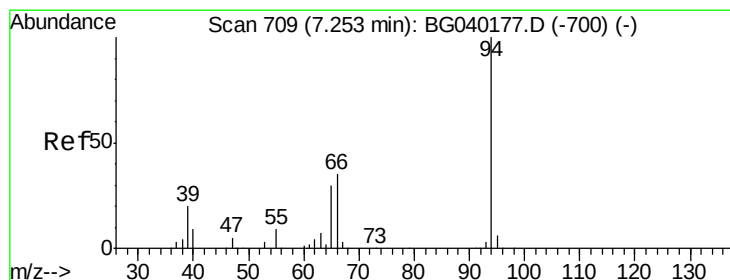
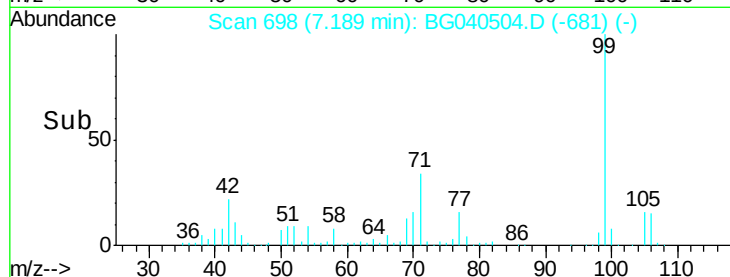
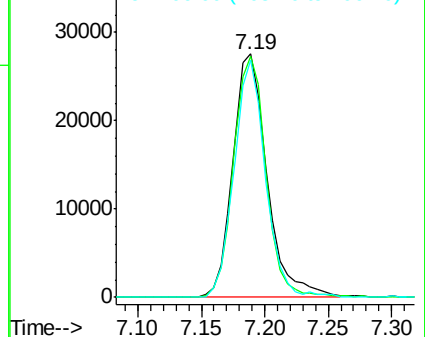
106 97.2 75.7 115.7



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: 39.787 ng

RT: 7.23 min Scan# 705

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

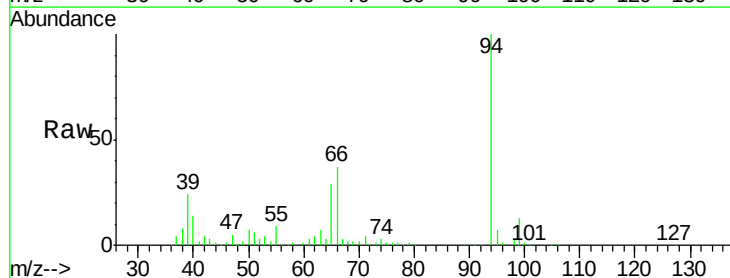
Tgt Ion: 94 Resp: 189391

Ion Ratio Lower Upper

94 100

65 29.1 10.5 50.5

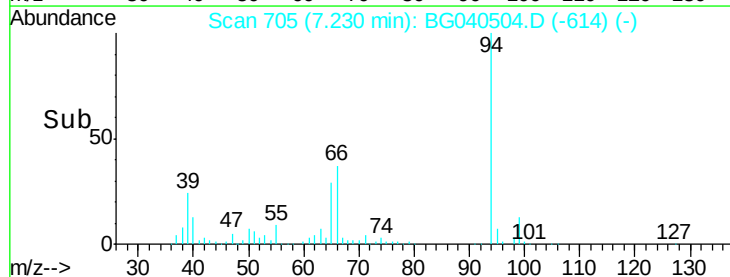
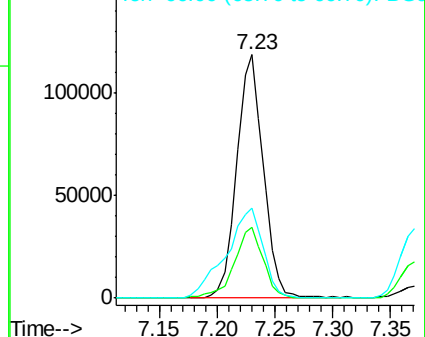
66 37.1 16.9 56.9



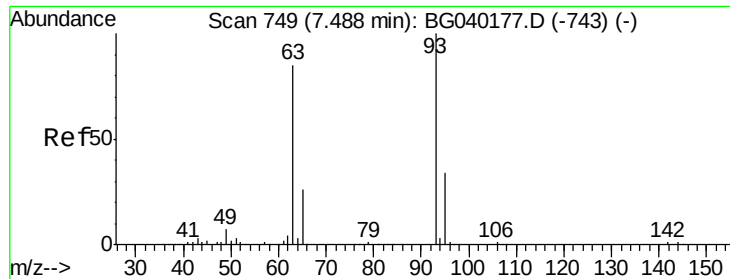
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



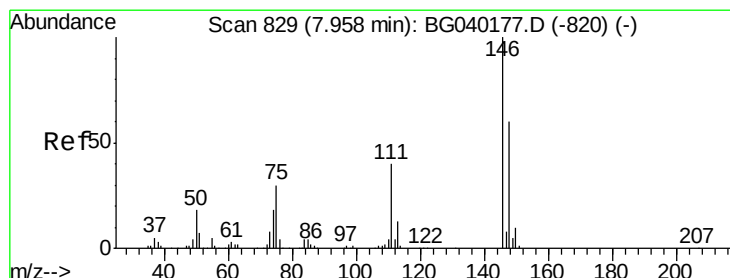
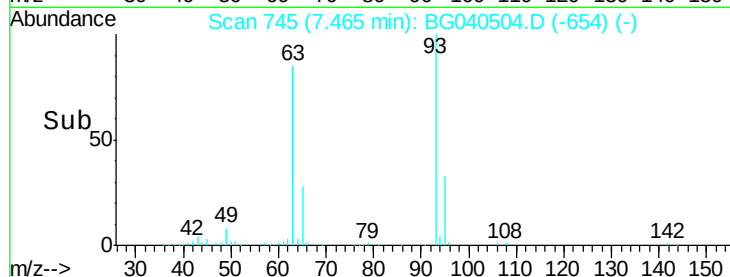
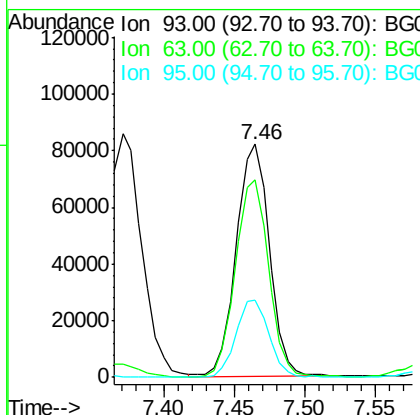
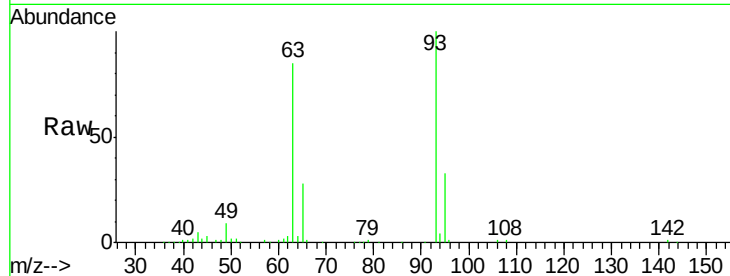




#11  
 bis(2-Chloroethyl)ether  
 Concen: 35.357 ng  
 RT: 7.46 min Scan# 745  
 Delta R.T. 0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

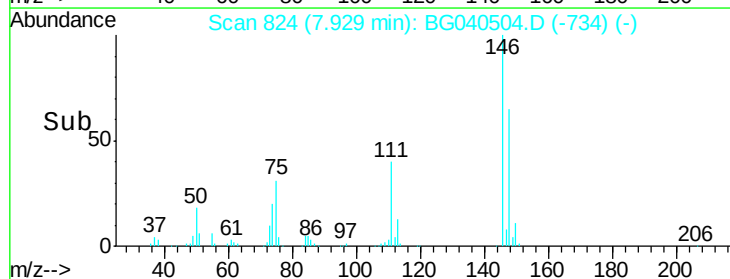
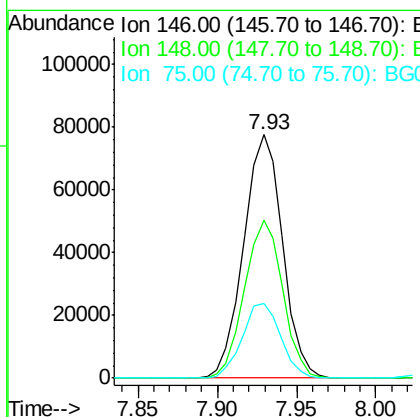
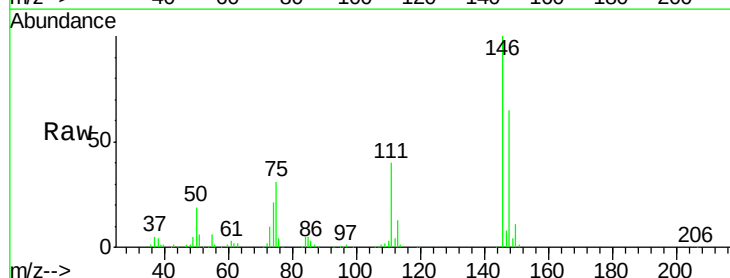
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-AMS

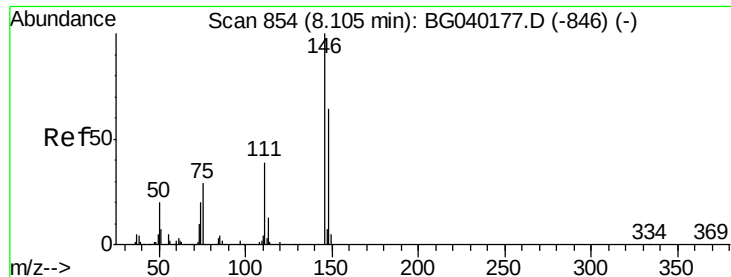
Tgt Ion: 93 Resp: 134802  
 Ion Ratio Lower Upper  
 93 100  
 63 85.1 64.2 104.2  
 95 33.0 14.0 54.0



#12  
 1,3-Dichlorobenzene  
 Concen: 32.726 ng  
 RT: 7.93 min Scan# 824  
 Delta R.T. -0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

Tgt Ion: 146 Resp: 132149  
 Ion Ratio Lower Upper  
 146 100  
 148 64.7 48.2 72.2  
 75 30.9 24.1 36.1

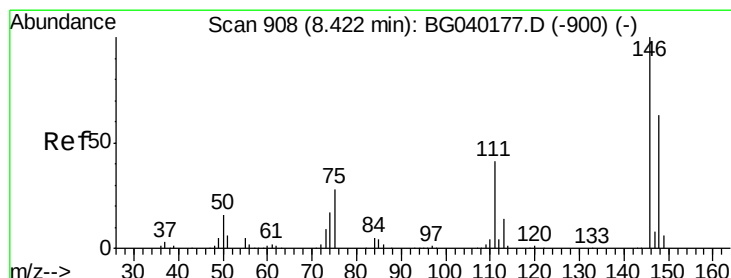
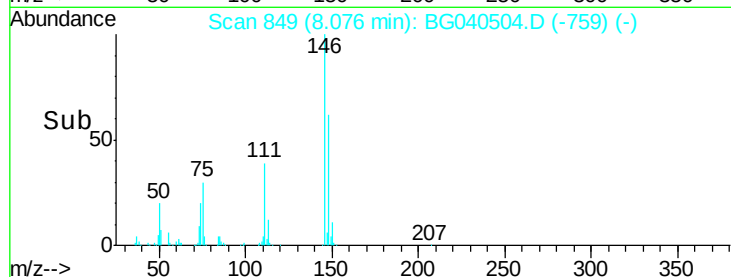
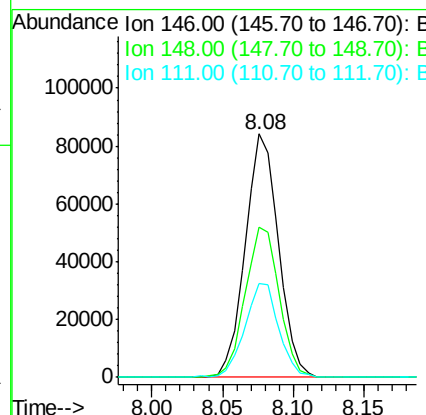
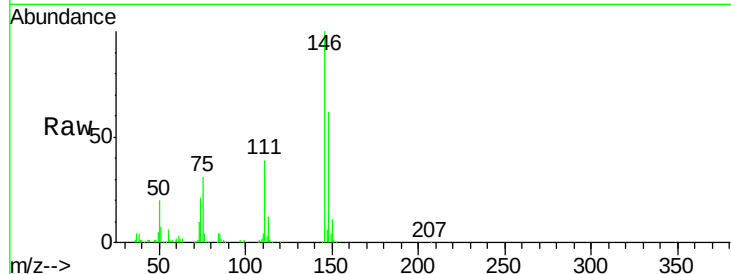




#13  
 1,4-Dichlorobenzene  
 Concen: 34.479 ng  
 RT: 8.08 min Scan# 849  
 Delta R.T. -0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

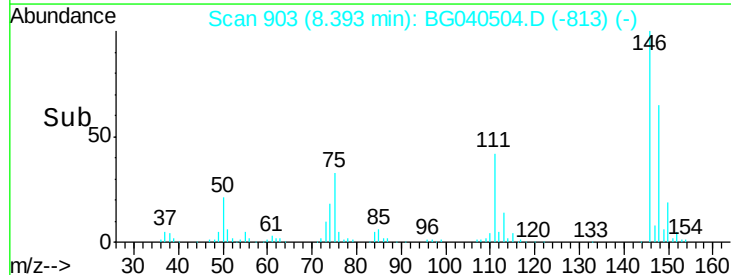
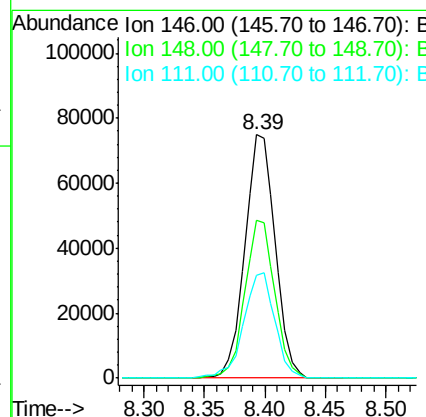
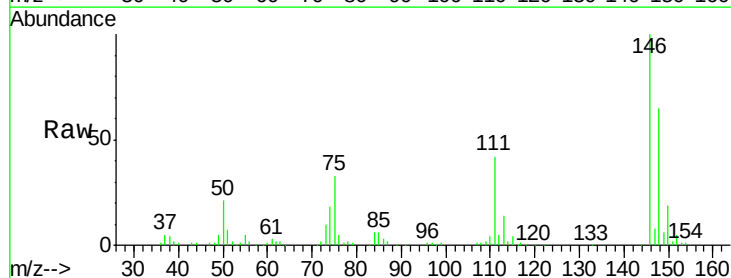
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-AMS

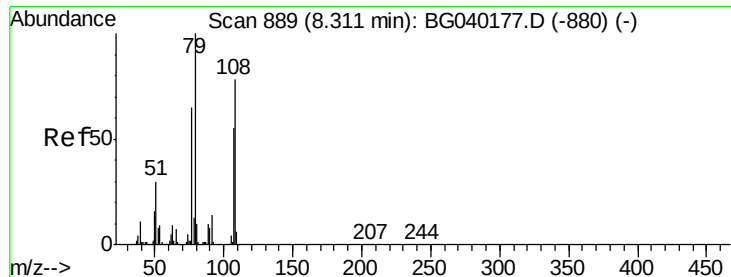
Tgt Ion:146 Resp: 138669  
 Ion Ratio Lower Upper  
 146 100  
 148 61.6 51.0 76.4  
 111 38.7 31.8 47.6



#14  
 1,2-Dichlorobenzene  
 Concen: 34.066 ng  
 RT: 8.39 min Scan# 903  
 Delta R.T. -0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

Tgt Ion:146 Resp: 131019  
 Ion Ratio Lower Upper  
 146 100  
 148 65.0 50.8 76.2  
 111 42.5 33.4 50.0





#15

Benzyl Alcohol

Concen: 35.862 ng

RT: 8.28 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

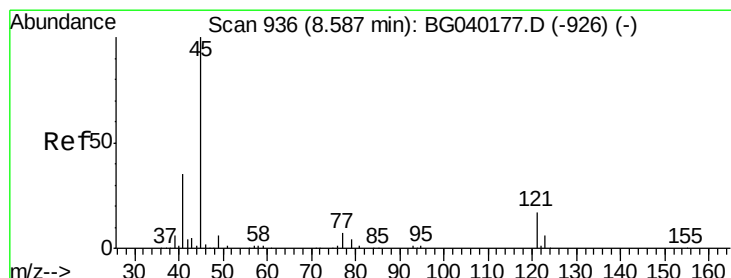
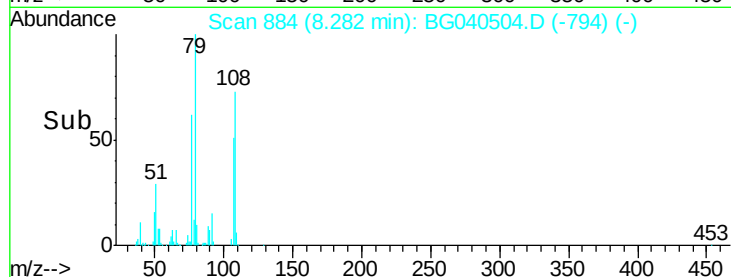
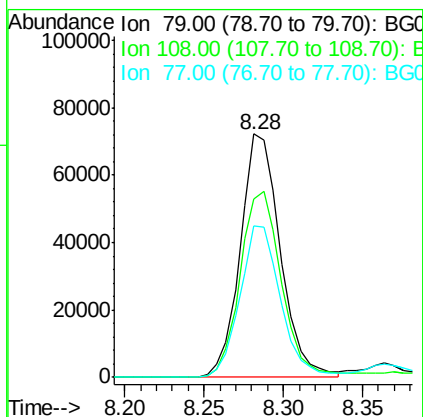
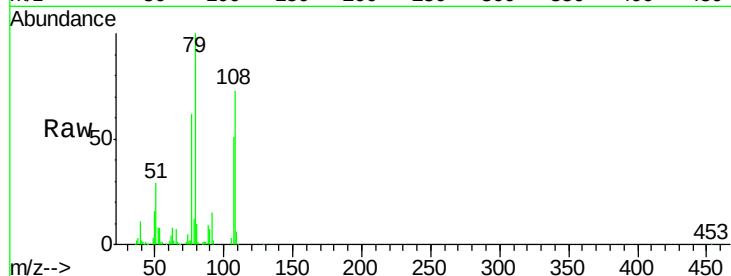
Tgt Ion: 79 Resp: 126661

Ion Ratio Lower Upper

79 100

108 73.1 62.1 93.1

77 62.1 51.9 77.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.716 ng

RT: 8.56 min Scan# 932

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

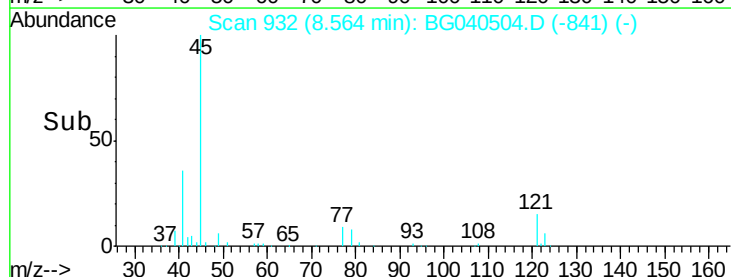
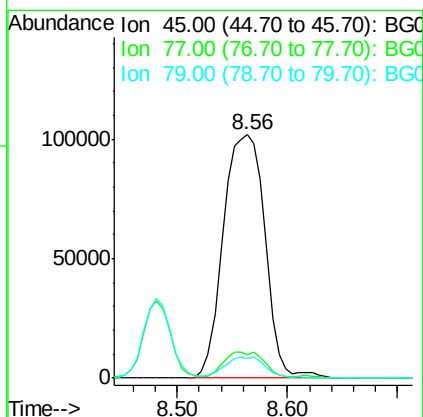
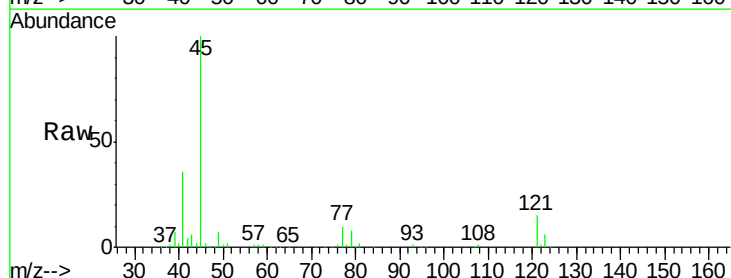
Tgt Ion: 45 Resp: 268655

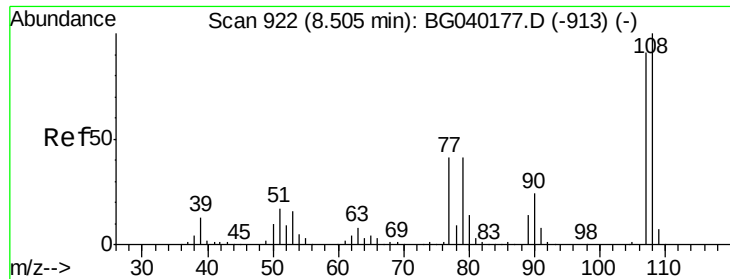
Ion Ratio Lower Upper

45 100

77 9.8 0.0 31.4

79 8.1 0.0 28.3

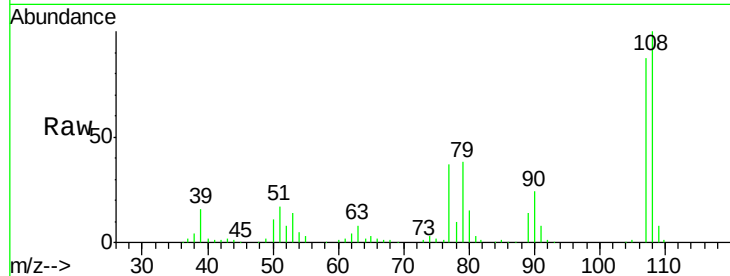




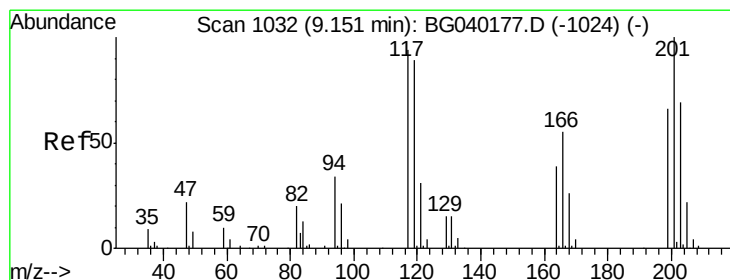
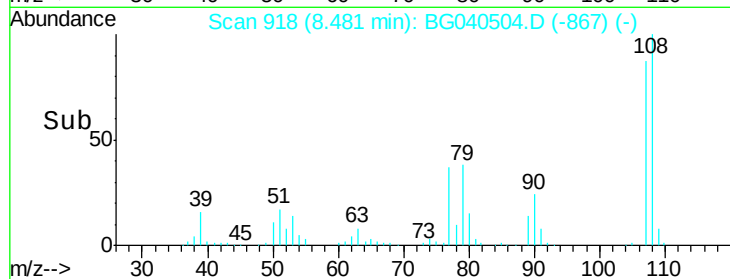
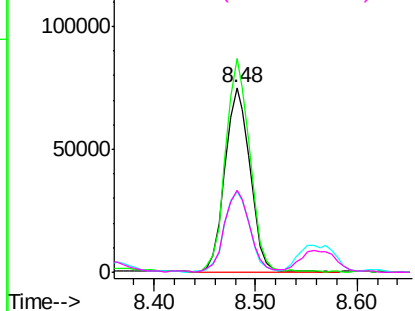
#17  
2-Methylphenol  
Concen: 38.874 ng  
RT: 8.48 min Scan# 918  
Delta R.T. 0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-AMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 128047 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 115.5 | 88.2  | 132.4  |
| 77       | 43.3  | 36.6  | 55.0   |
| 79       | 44.4  | 36.5  | 54.7   |

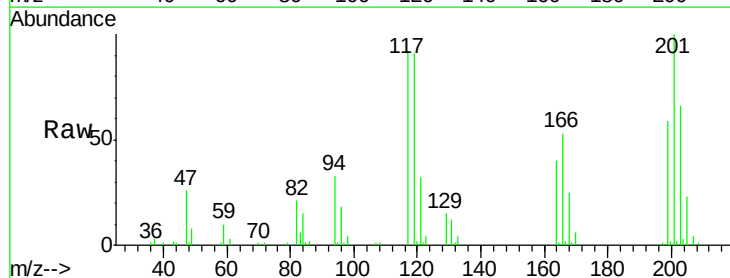


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

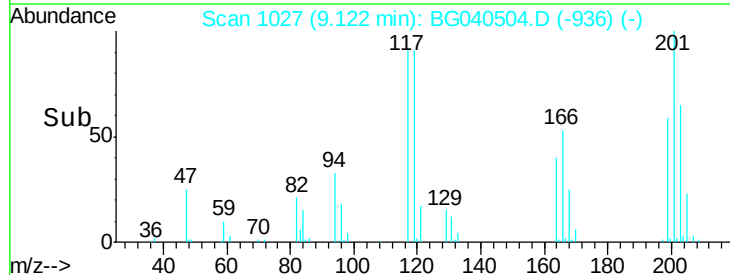
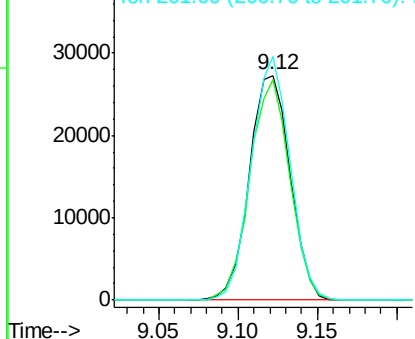


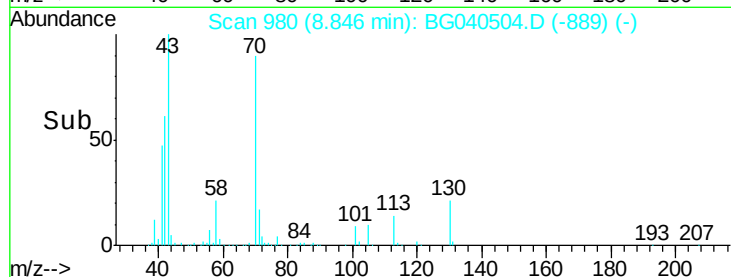
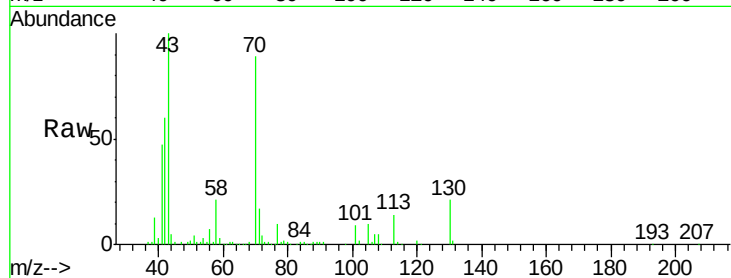
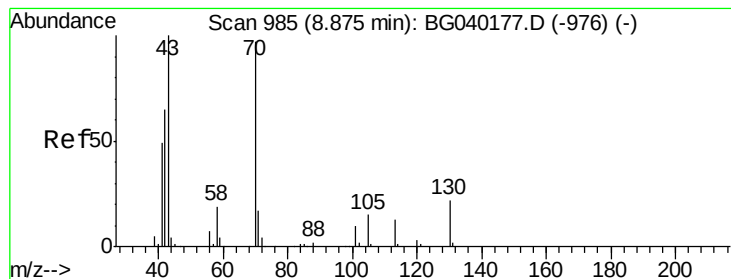
#18  
Hexachloroethane  
Concen: 31.928 ng  
RT: 9.12 min Scan# 1027  
Delta R.T. 0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 48844 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 98.3  | 76.6  | 115.0 |
| 201      | 108.5 | 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: 35.488 ng

RT: 8.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

Tgt Ion: 70 Resp: 111584

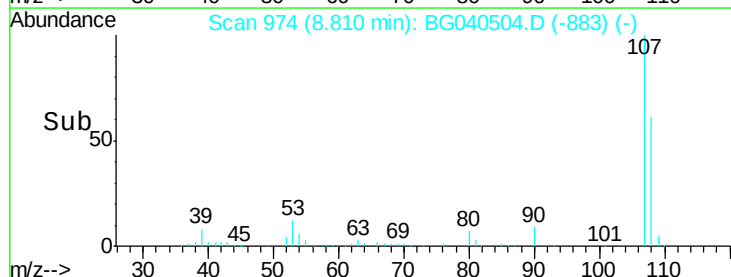
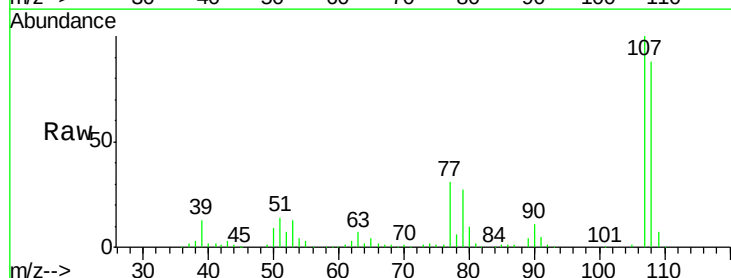
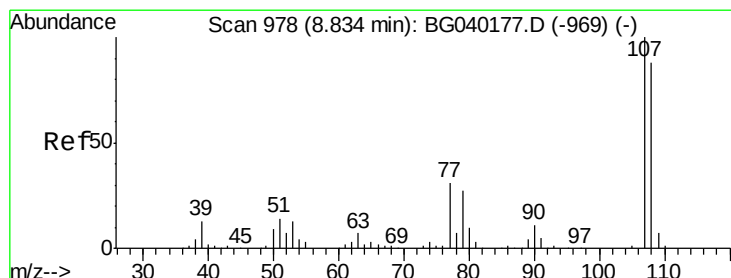
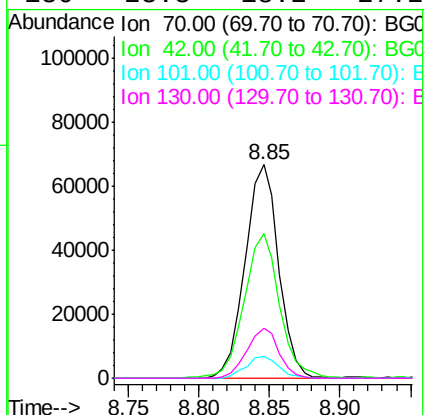
Ion Ratio Lower Upper

70 100

42 67.7 54.0 81.0

101 10.3 8.6 13.0

130 23.3 18.2 27.2



#20

3+4-Methylphenols

Concen: 39.427 ng

RT: 8.81 min Scan# 974

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion: 107 Resp: 175931

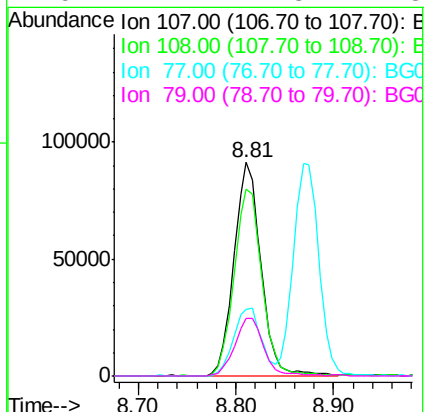
Ion Ratio Lower Upper

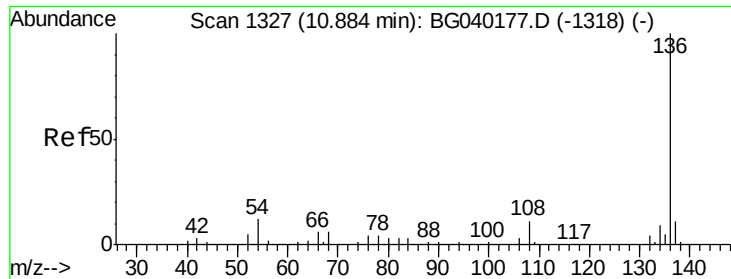
107 100

108 87.8 68.3 108.3

77 31.1 11.3 51.3

79 27.2 7.3 47.3

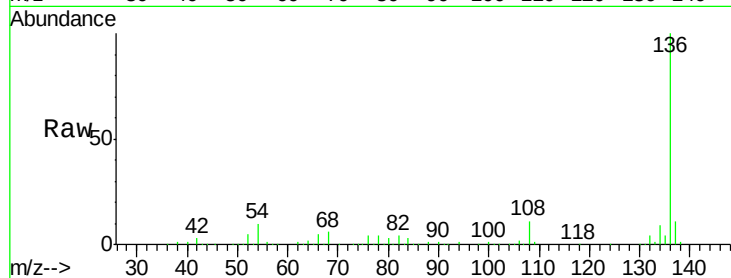




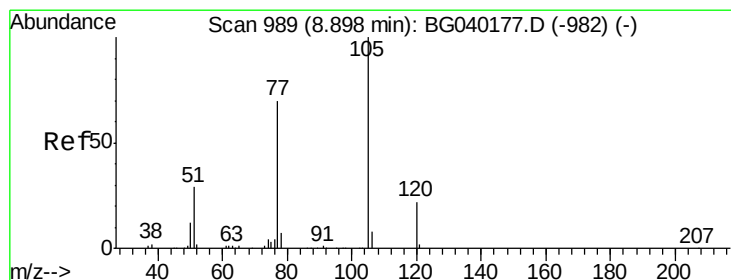
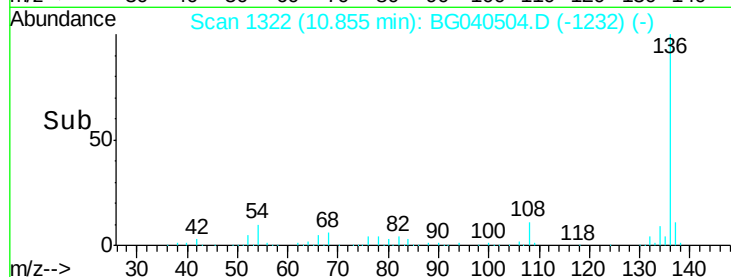
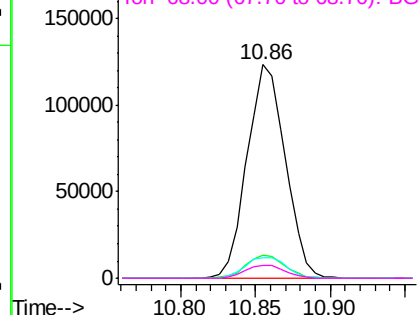
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.86 min Scan# 1322  
Delta R.T. -0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-AMS

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 218755 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 11.0  | 8.9   | 13.3   |
| 54        | 9.6   | 9.6   | 14.4   |
| 68        | 6.1   | 5.1   | 7.7    |

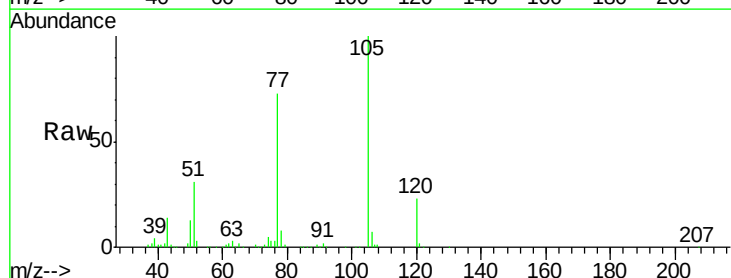


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

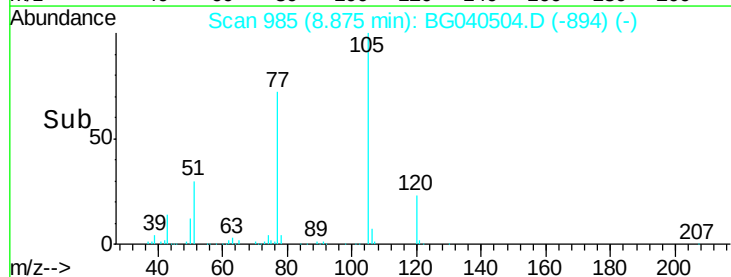
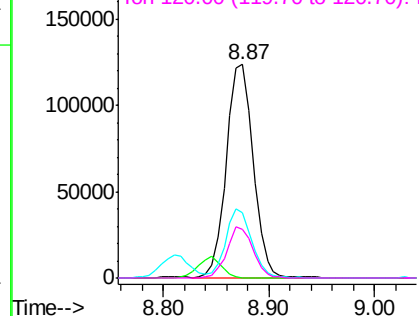


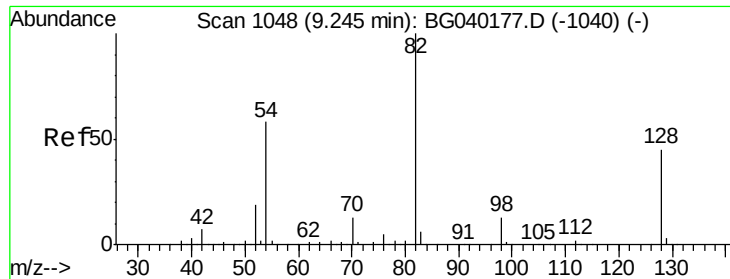
#22  
Acetophenone  
Concen: 39.854 ng  
RT: 8.87 min Scan# 985  
Delta R.T. 0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 217473 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 0.3   | 0.6   | 1.0#   |
| 51        | 30.5  | 25.1  | 37.7   |
| 120       | 23.0  | 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

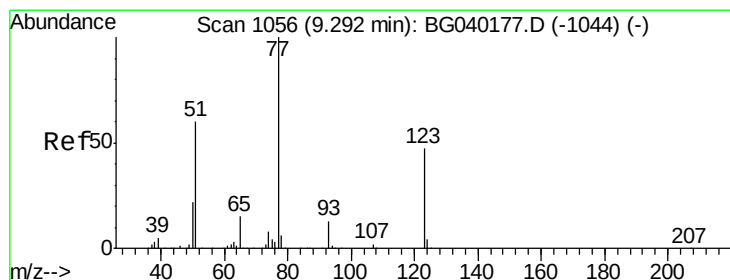
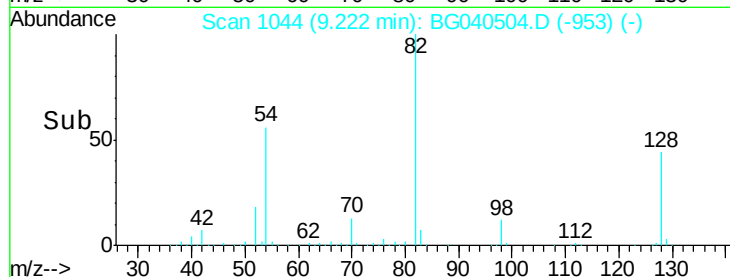
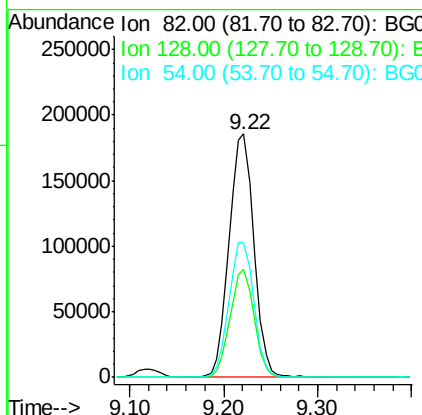
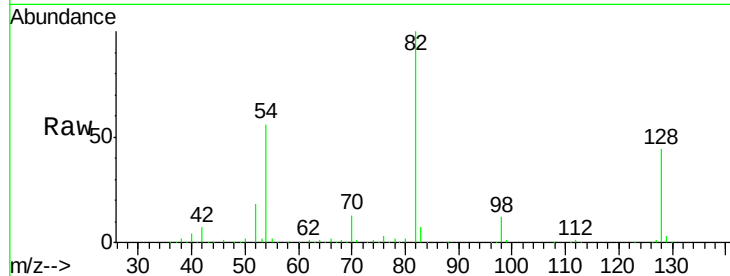




#23  
 Nitrobenzene-d5  
 Concen: 82.763 ng  
 RT: 9.22 min Scan# 1044  
 Delta R.T. 0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

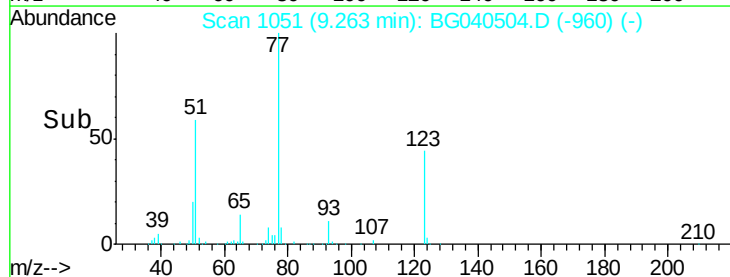
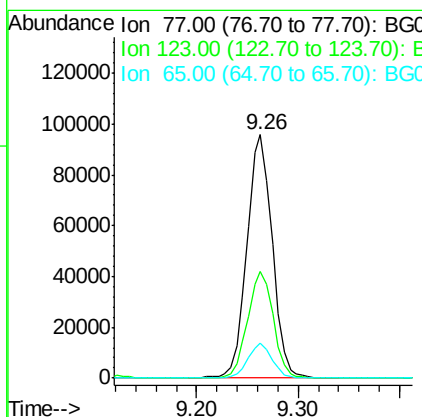
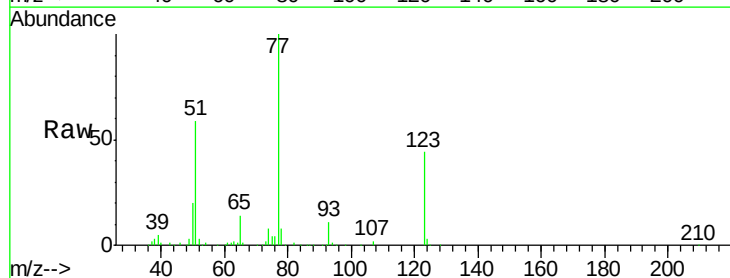
Instrument :  
 BNA\_G  
 ClientSampled :  
 TP3-AMS

Tgt Ion: 82 Resp: 340615  
 Ion Ratio Lower Upper  
 82 100  
 128 44.3 35.8 53.8  
 54 55.6 46.2 69.2

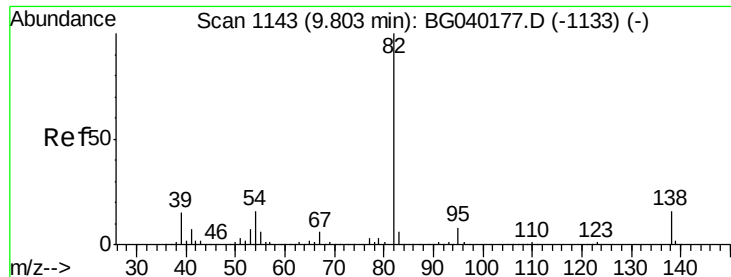


#24  
 Nitrobenzene  
 Concen: 38.984 ng  
 RT: 9.26 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

Tgt Ion: 77 Resp: 166139  
 Ion Ratio Lower Upper  
 77 100  
 123 43.9 37.8 56.6  
 65 14.4 12.0 18.0







#25

Isophorone

Concen: 38.044 ng

RT: 9.77 min Scan# 1138

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

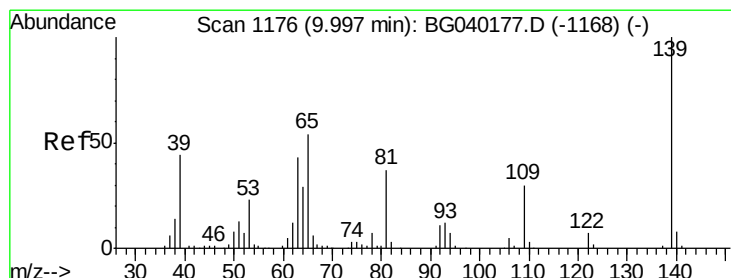
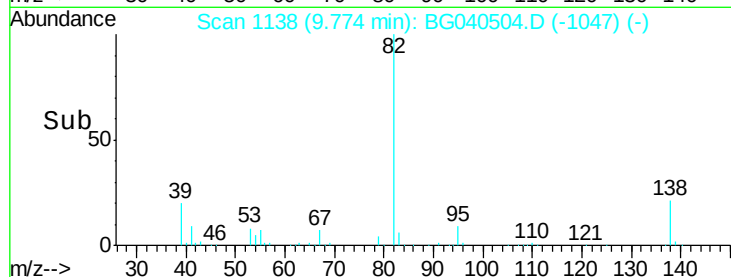
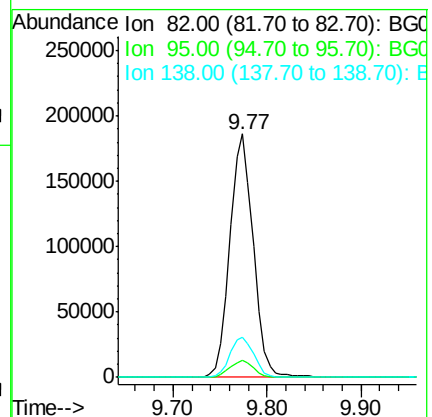
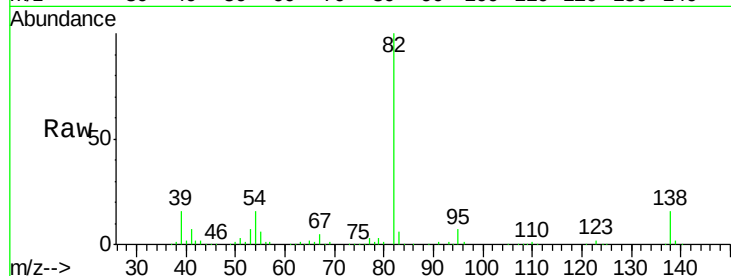
Tgt Ion: 82 Resp: 322156

Ion Ratio Lower Upper

82 100

95 6.8 6.1 9.1

138 16.4 13.2 19.8



#26

2-Nitrophenol

Concen: 38.736 ng

RT: 9.97 min Scan# 1172

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

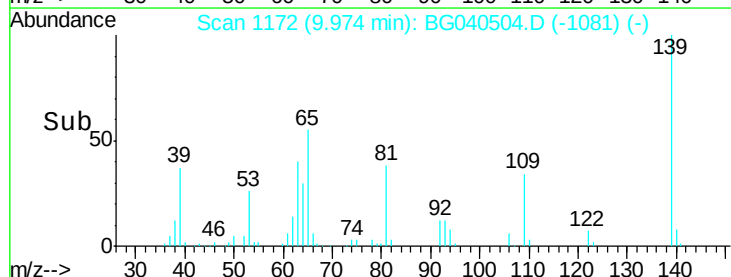
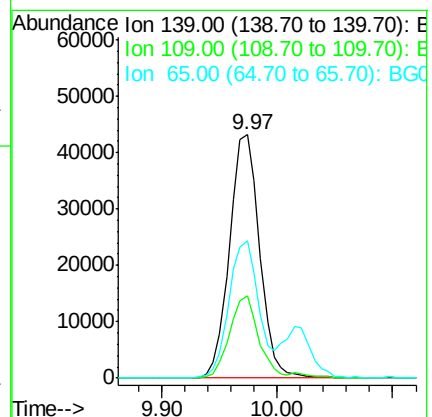
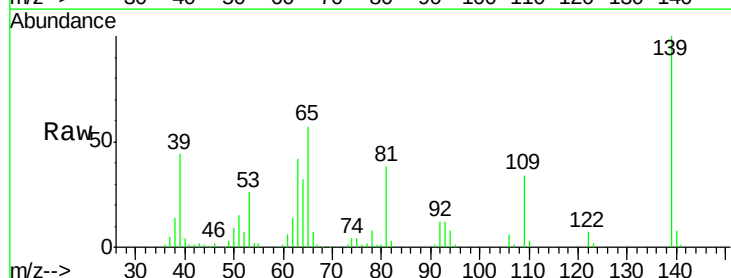
Tgt Ion: 139 Resp: 78223

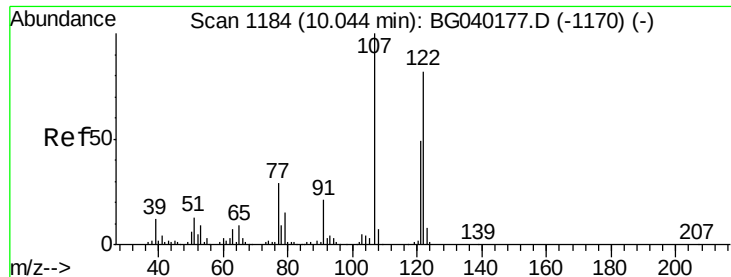
Ion Ratio Lower Upper

139 100

109 34.0 24.1 36.1

65 56.6 43.0 64.6

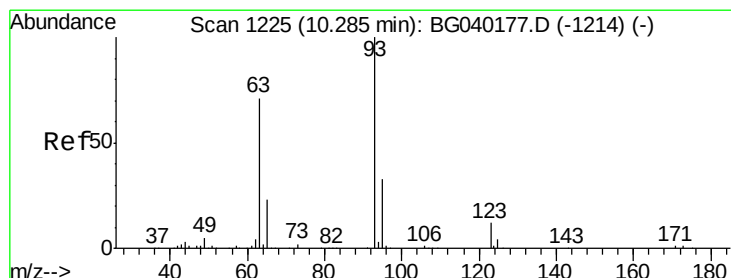
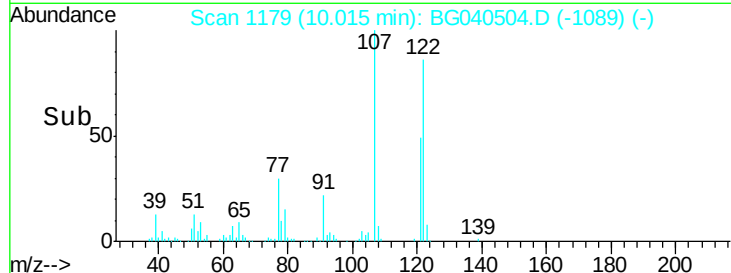
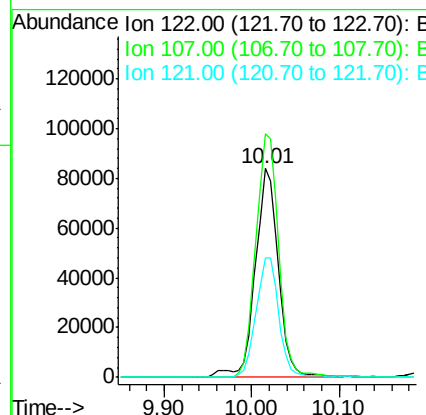
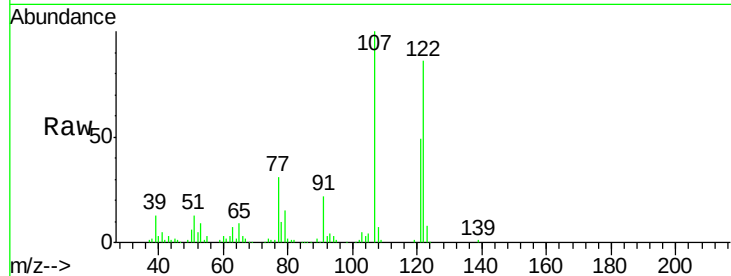




#27  
 2,4-Dimethylphenol  
 Concen: 46.918 ng  
 RT: 10.01 min Scan# 1179  
 Delta R.T. -0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

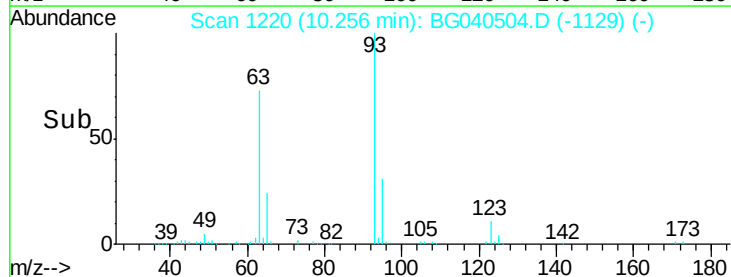
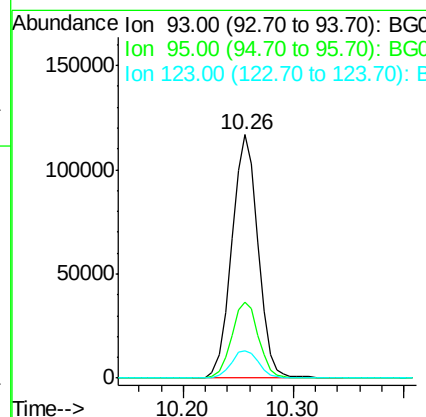
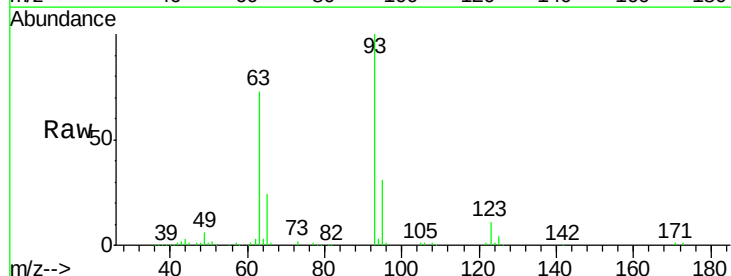
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-AMS

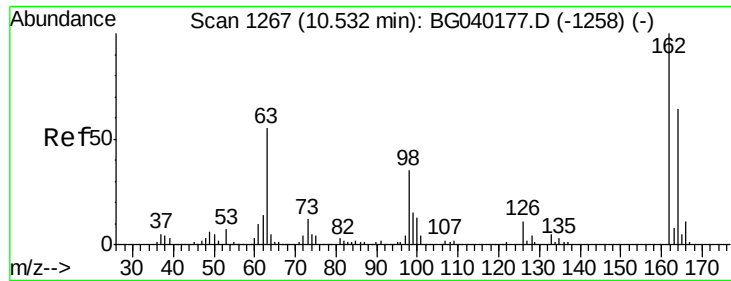
Tgt Ion: 122 Resp: 150497  
 Ion Ratio Lower Upper  
 122 100  
 107 116.5 97.4 146.2  
 121 56.9 47.7 71.5



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 38.781 ng  
 RT: 10.26 min Scan# 1220  
 Delta R.T. 0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

Tgt Ion: 93 Resp: 194289  
 Ion Ratio Lower Upper  
 93 100  
 95 31.2 26.2 39.4  
 123 11.0 9.4 14.0

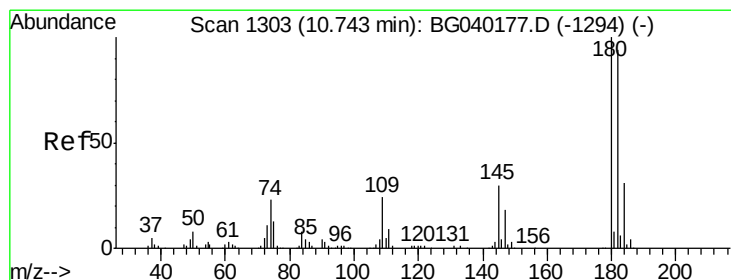
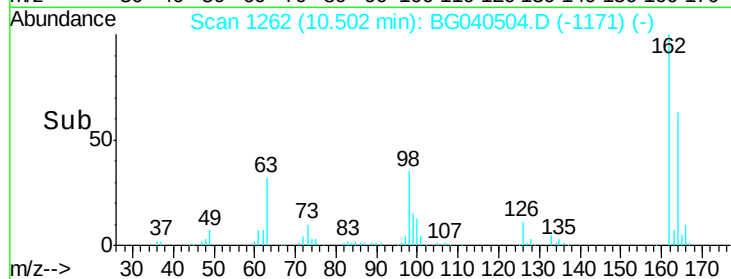
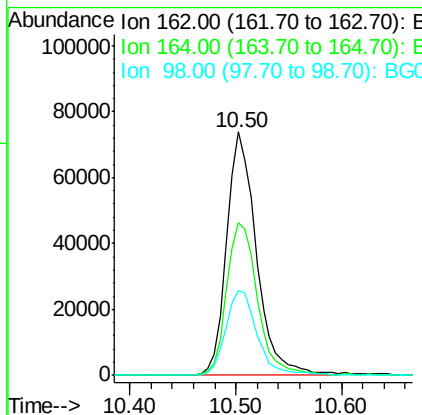
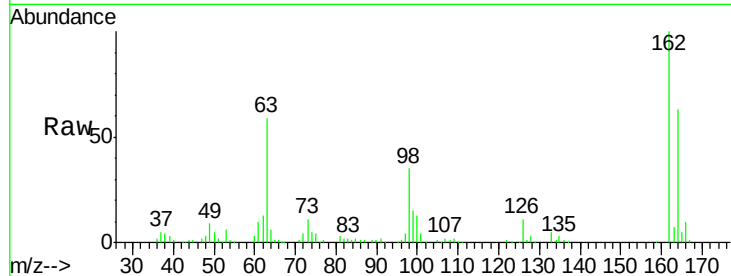




#29  
 2,4-Dichlorophenol  
 Concen: 41.371 ng  
 RT: 10.50 min Scan# 1262  
 Delta R.T. 0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

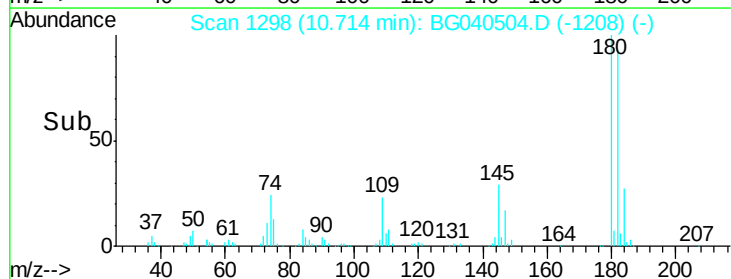
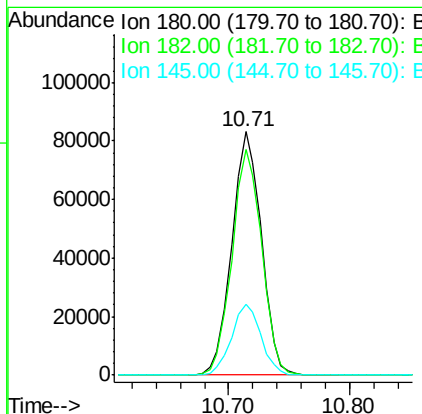
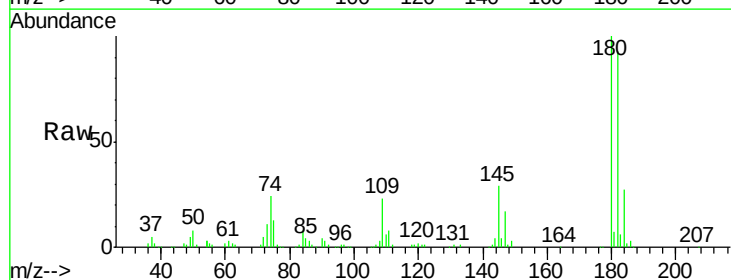
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-AMS

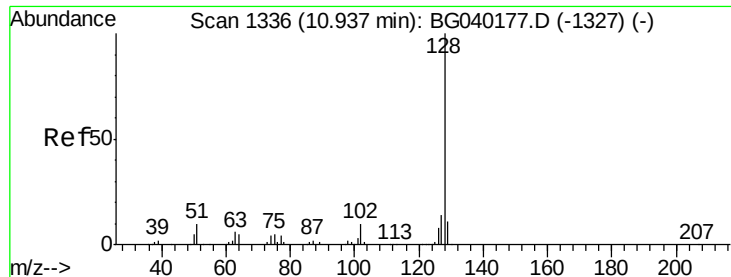
Tgt Ion:162 Resp: 144042  
 Ion Ratio Lower Upper  
 162 100  
 164 62.9 43.9 83.9  
 98 34.8 15.6 55.6



#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.095 ng  
 RT: 10.71 min Scan# 1298  
 Delta R.T. -0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

Tgt Ion:180 Resp: 141815  
 Ion Ratio Lower Upper  
 180 100  
 182 92.6 75.1 112.7  
 145 29.0 24.1 36.1

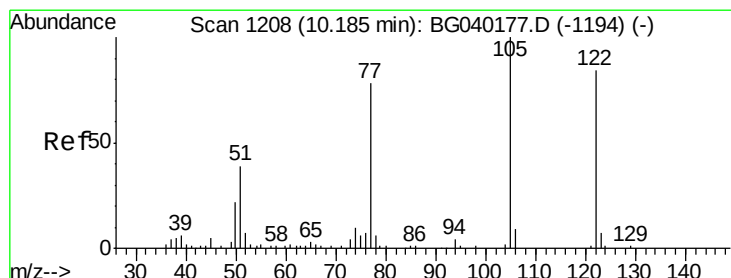
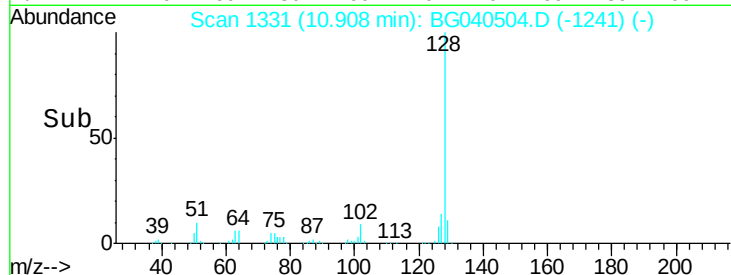
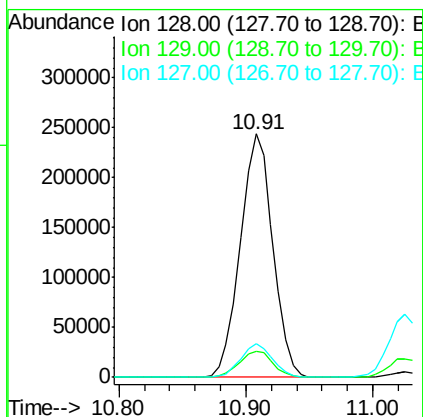
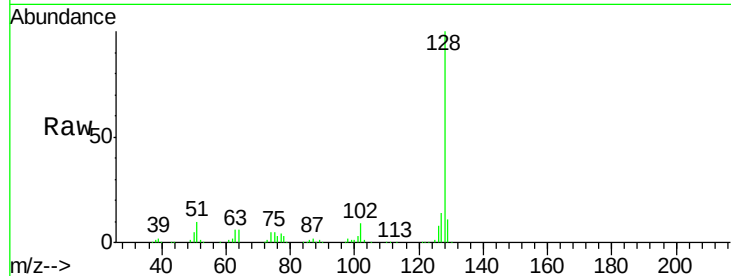




#31  
Naphthalene  
Concen: 38.587 ng  
RT: 10.91 min Scan# 1331  
Delta R.T. -0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

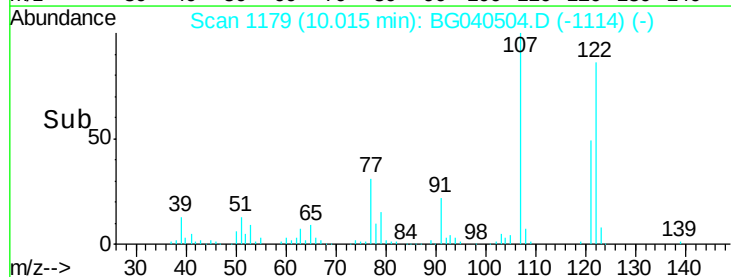
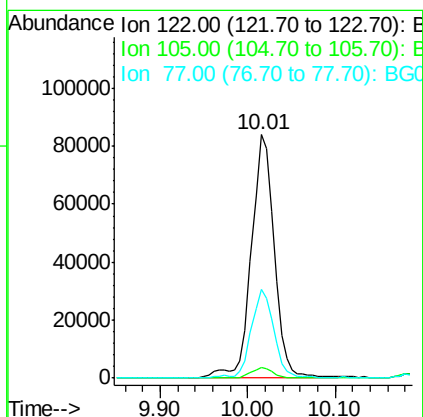
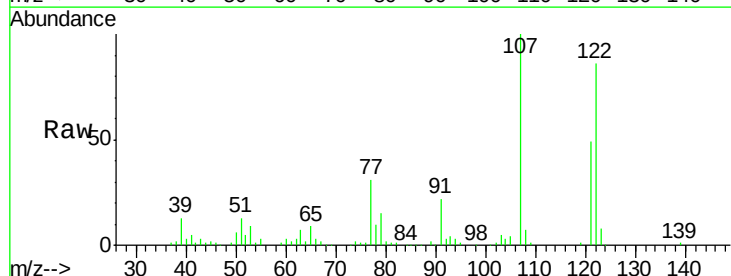
Instrument :  
BNA\_G  
ClientSampleId :  
TP3-AMS

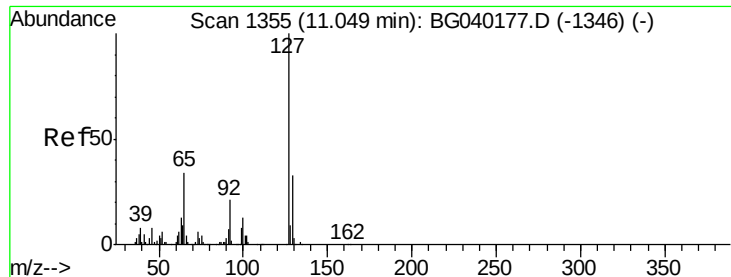
Tgt Ion:128 Resp: 432667  
Ion Ratio Lower Upper  
128 100  
129 10.9 8.9 13.3  
127 14.1 11.4 17.0



#32  
Benzoic acid  
Concen: 77.654 ng  
RT: 10.01 min Scan# 1179  
Delta R.T. -0.15 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

Tgt Ion:122 Resp: 150497  
Ion Ratio Lower Upper  
122 100  
105 4.3 98.2 138.2#  
77 36.4 73.6 113.6#

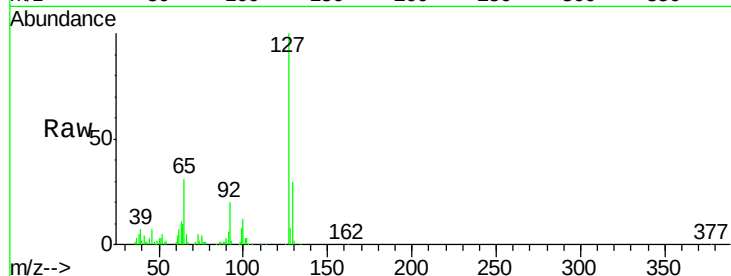




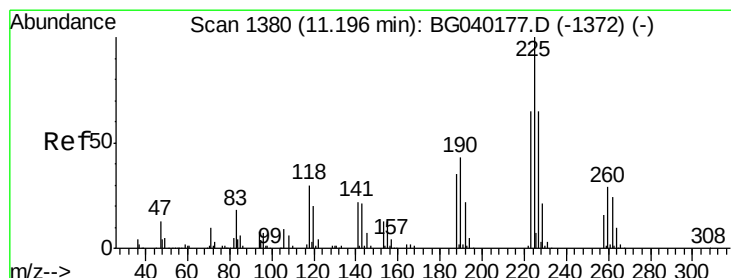
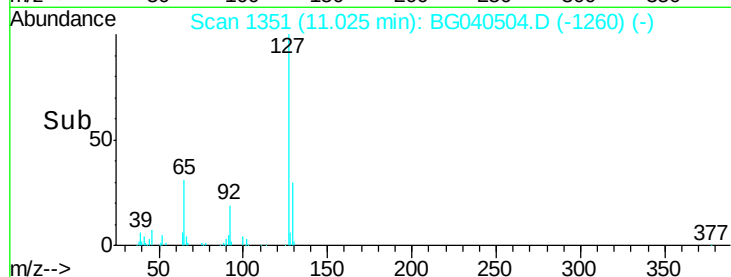
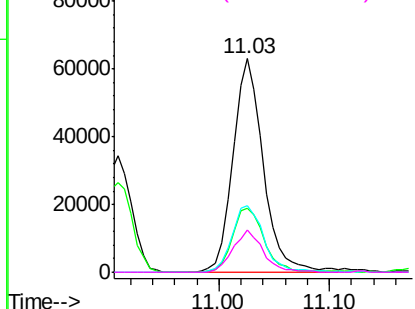
#33  
4-Chloroaniline  
Concen: 25.520 ng  
RT: 11.03 min Scan# 1351  
Delta R.T. 0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-AMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 122058 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 29.9  | 26.6  | 40.0   |
| 65       | 31.4  | 27.0  | 40.4   |
| 92       | 19.6  | 16.6  | 25.0   |

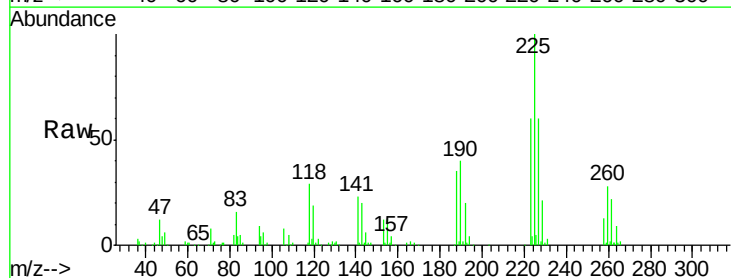


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

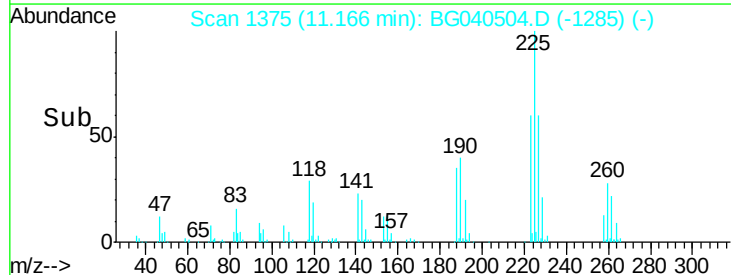
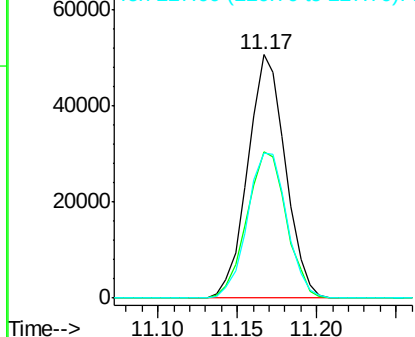


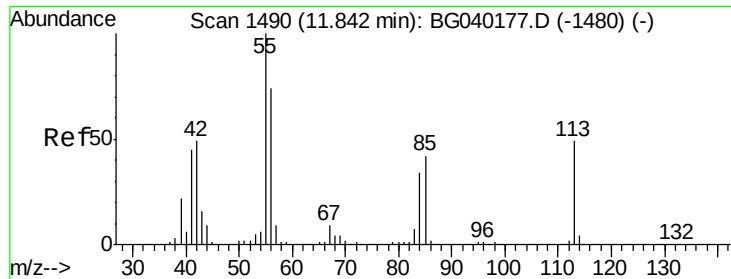
#34  
Hexachlorobutadiene  
Concen: 34.217 ng  
RT: 11.17 min Scan# 1375  
Delta R.T. -0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 83660 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 59.9  | 51.8  | 77.8  |
| 227      | 61.9  | 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: 39.450 ng

RT: 11.81 min Scan# 1484

Delta R.T. -0.01 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

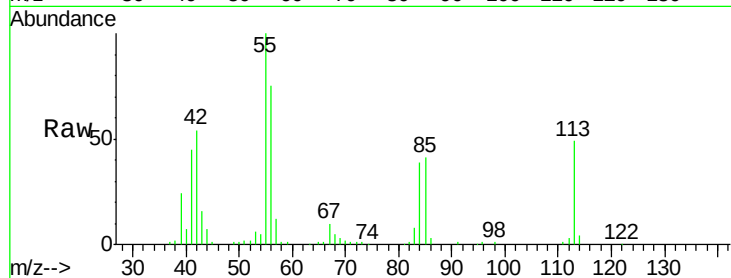
Tgt Ion:113 Resp: 54507

Ion Ratio Lower Upper

113 100

55 206.2 184.2 224.2

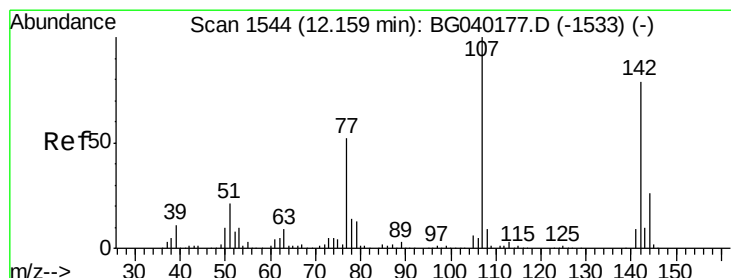
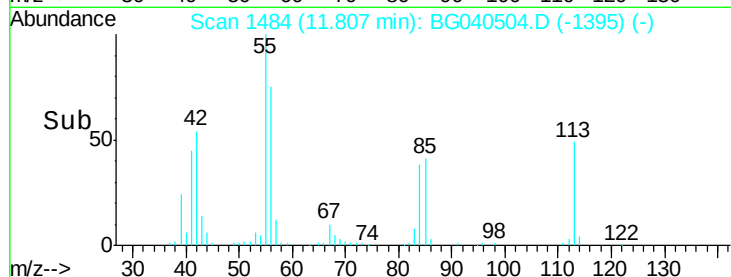
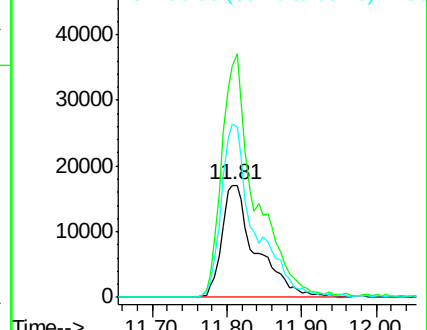
56 154.6 131.3 171.3



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: 43.290 ng

RT: 12.14 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

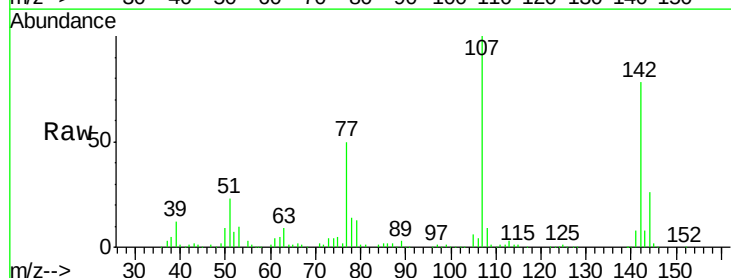
Tgt Ion:107 Resp: 173273

Ion Ratio Lower Upper

107 100

144 25.7 20.5 30.7

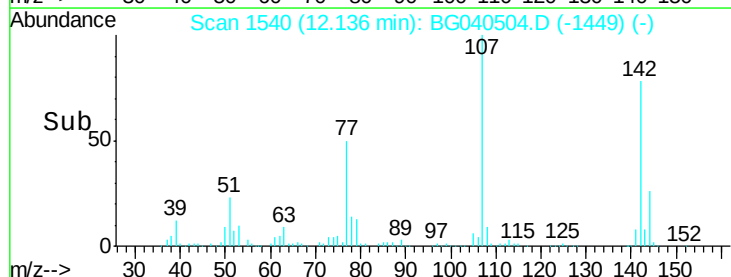
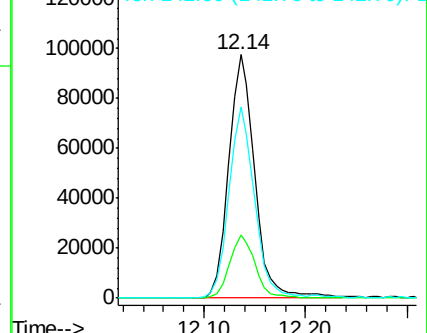
142 78.3 63.1 94.7

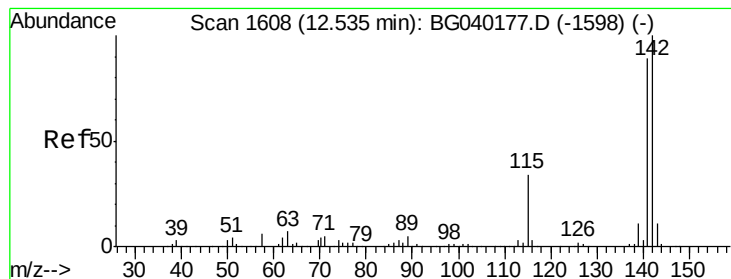


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.637 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampled :

TP3-AMS

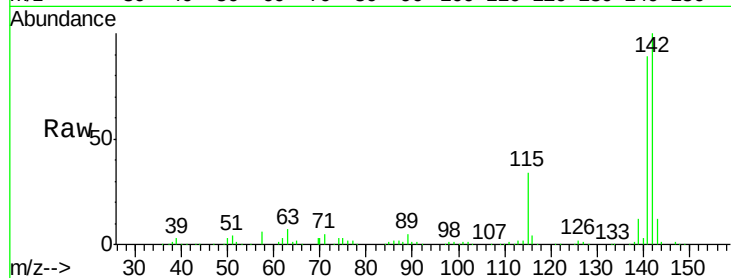
Tgt Ion:142 Resp: 328700

Ion Ratio Lower Upper

142 100

141 89.3 71.0 106.6

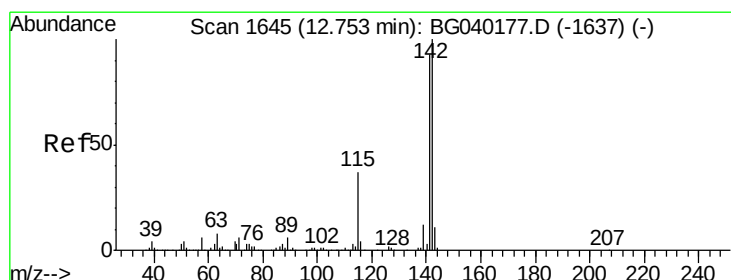
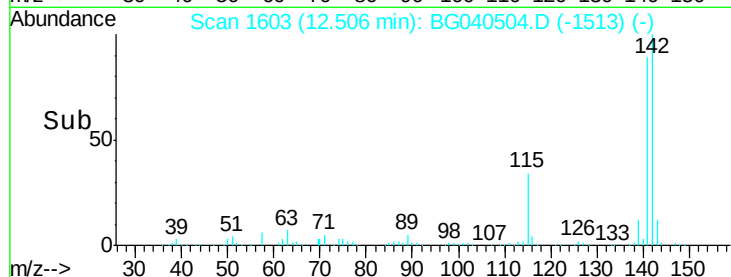
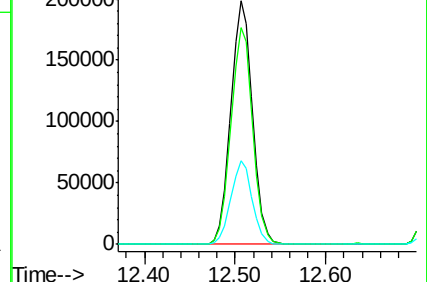
115 34.1 27.3 40.9



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



#38

1-Methylnaphthalene

Concen: 38.926 ng

RT: 12.73 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

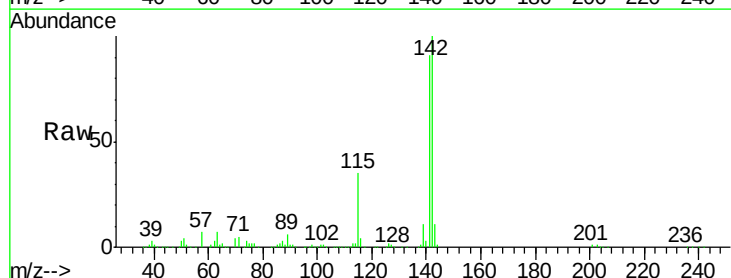
Tgt Ion:142 Resp: 313022

Ion Ratio Lower Upper

142 100

141 90.8 74.2 111.4

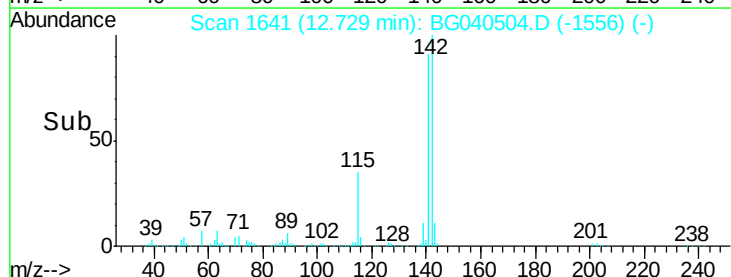
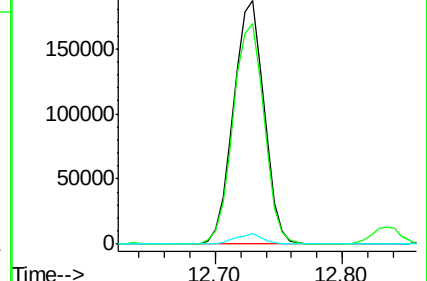
116 4.4 3.0 4.4

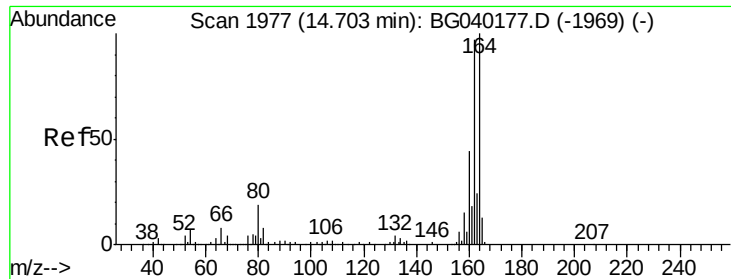


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

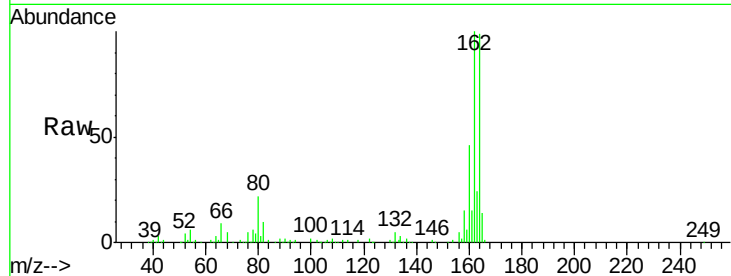
Tgt Ion:164 Resp: 143166

Ion Ratio Lower Upper

164 100

162 100.8 77.4 116.2

160 46.4 35.3 52.9

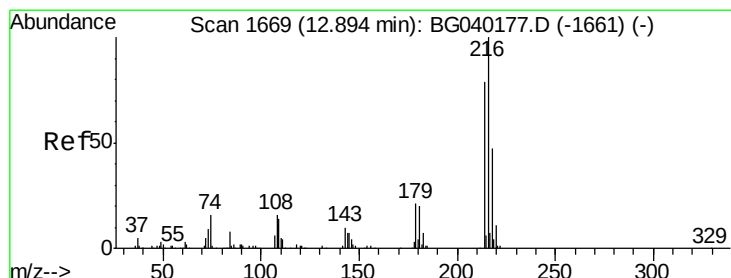
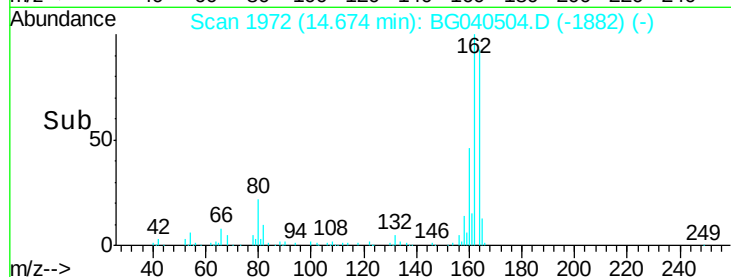
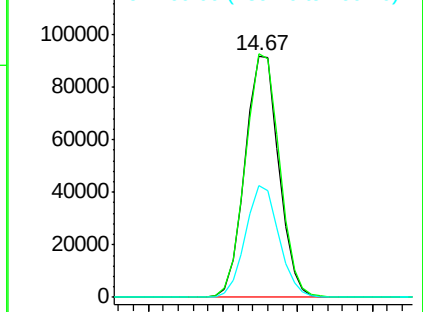


Abundance

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: 36.696 ng

RT: 12.87 min Scan# 1665

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Tgt Ion:216 Resp: 166980

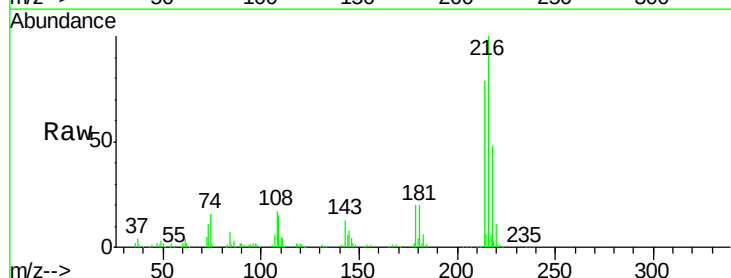
Ion Ratio Lower Upper

216 100

214 77.4 63.5 95.3

179 20.6 16.6 25.0

108 19.9 13.8 20.8



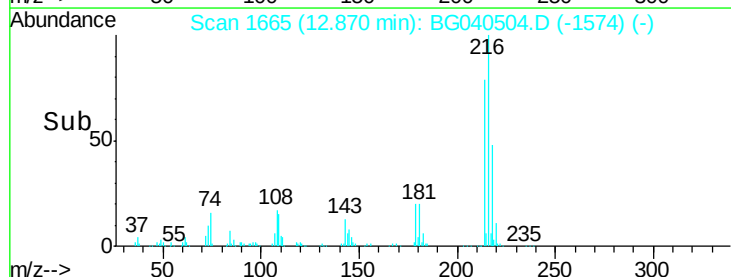
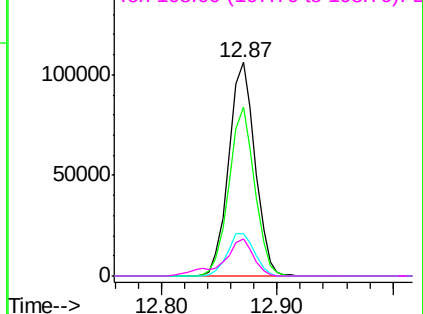
Abundance

Ion 216.00 (215.70 to 216.70): E

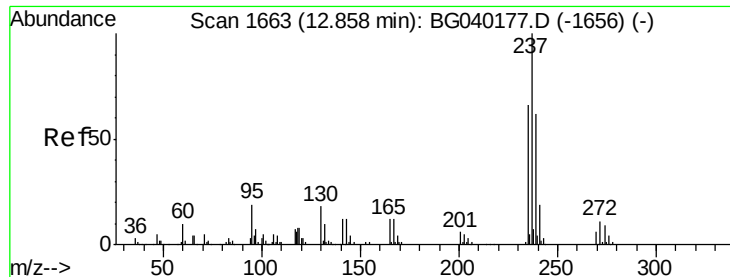
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 67.616 ng

RT: 12.84 min Scan# 1659

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

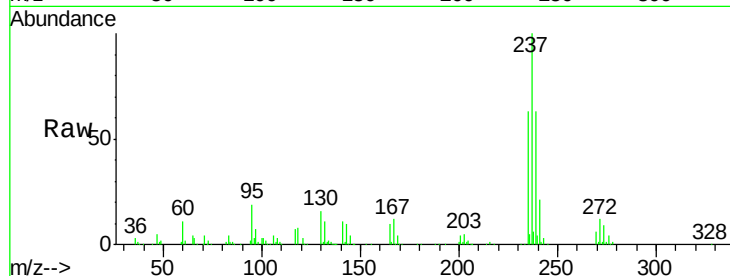
Tgt Ion: 237 Resp: 168936

Ion Ratio Lower Upper

237 100

235 62.6 46.2 86.2

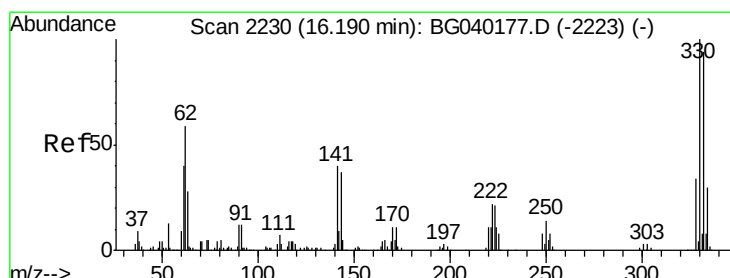
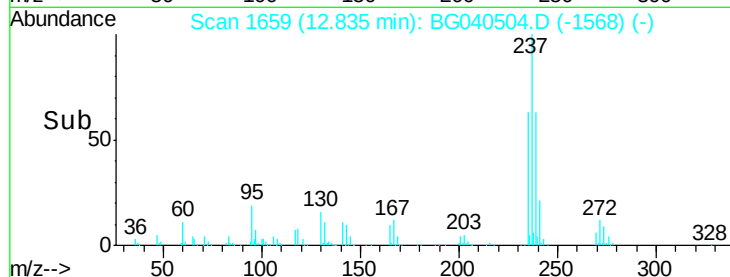
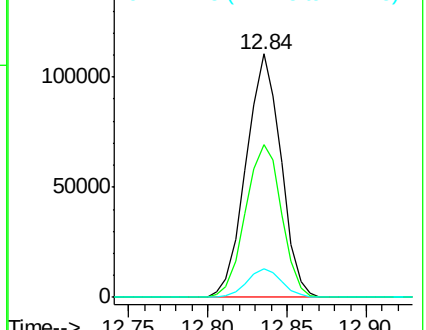
272 11.8 0.0 30.5



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: 134.723 ng

RT: 16.17 min Scan# 2226

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

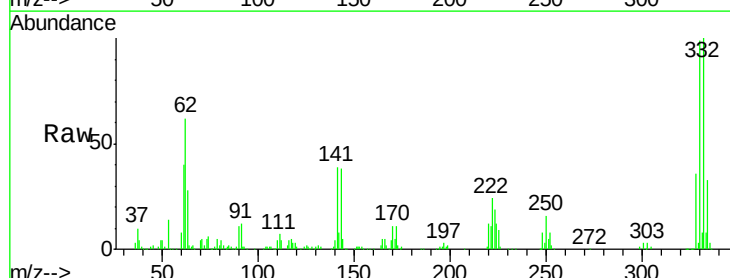
Tgt Ion: 330 Resp: 208451

Ion Ratio Lower Upper

330 100

332 98.4 76.6 115.0

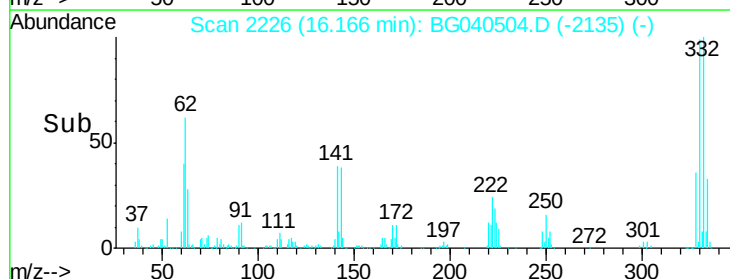
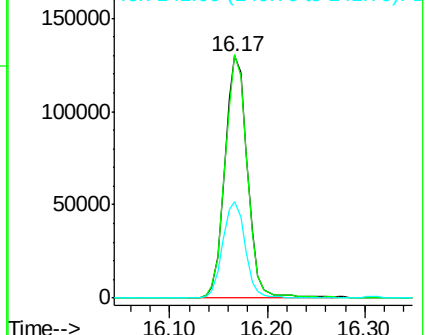
141 40.3 32.6 48.8

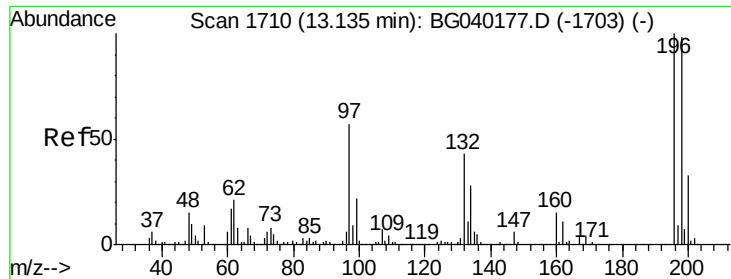


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

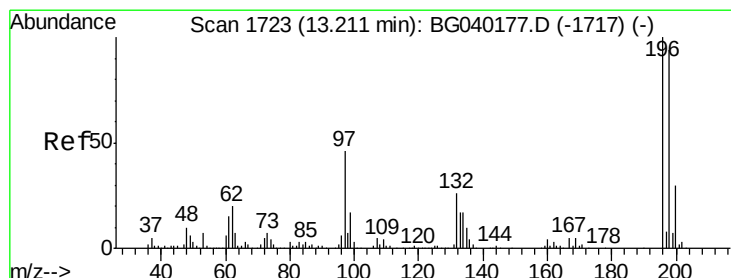
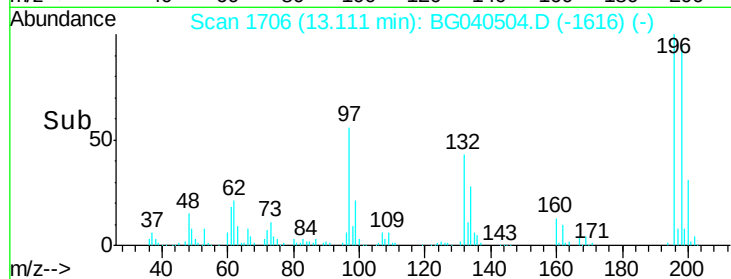
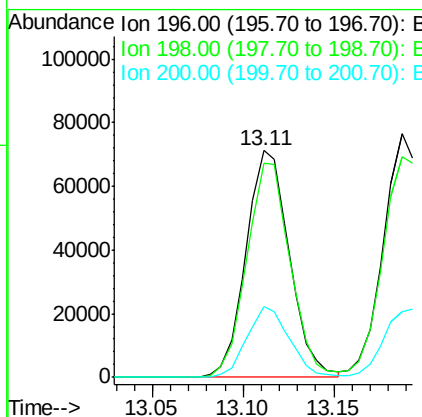
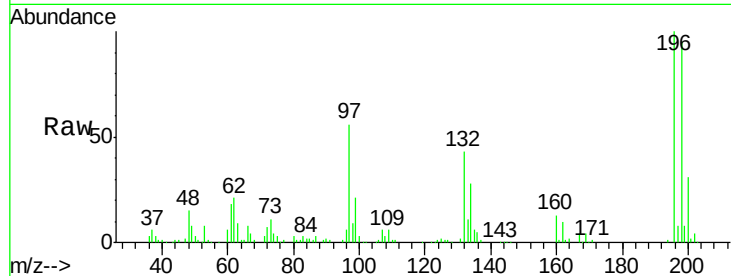




#43  
 2,4,6-Trichlorophenol  
 Concen: 40.440 ng  
 RT: 13.11 min Scan# 1706  
 Delta R.T. -0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

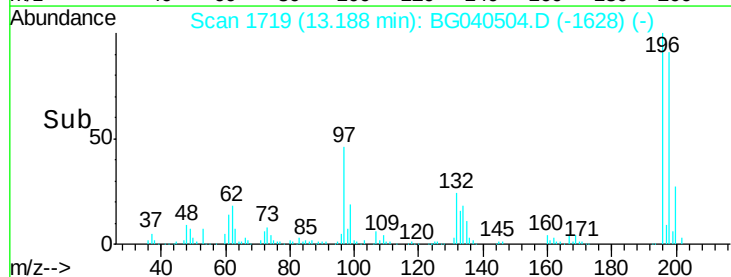
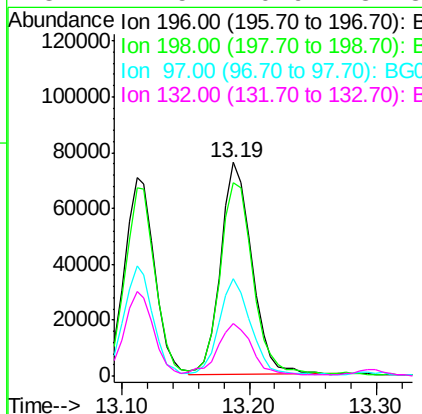
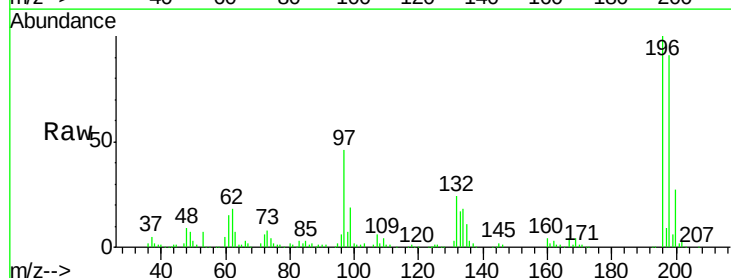
Instrument :  
 BNA\_G  
 ClientSampled :  
 TP3-AMS

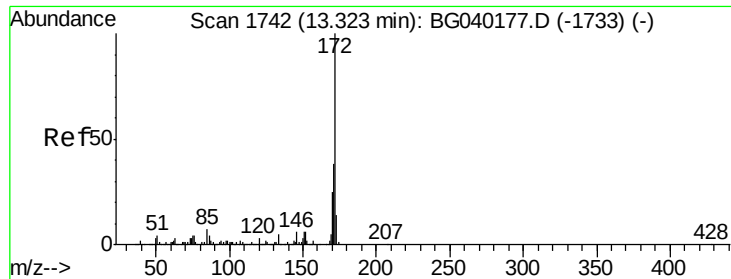
Tgt Ion:196 Resp: 118639  
 Ion Ratio Lower Upper  
 196 100  
 198 94.7 78.3 117.5  
 200 31.4 26.0 39.0



#44  
 2,4,5-Trichlorophenol  
 Concen: 40.813 ng  
 RT: 13.19 min Scan# 1719  
 Delta R.T. 0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

Tgt Ion:196 Resp: 130509  
 Ion Ratio Lower Upper  
 196 100  
 198 90.8 75.0 112.6  
 97 45.8 37.3 55.9  
 132 24.5 20.9 31.3

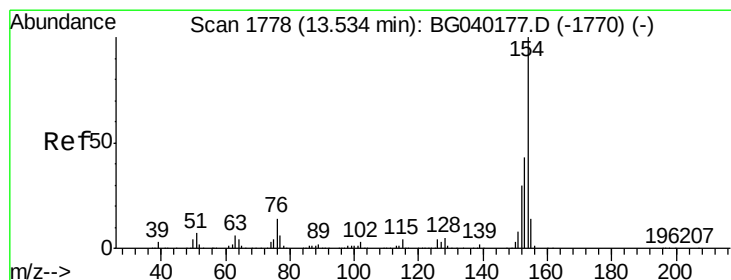
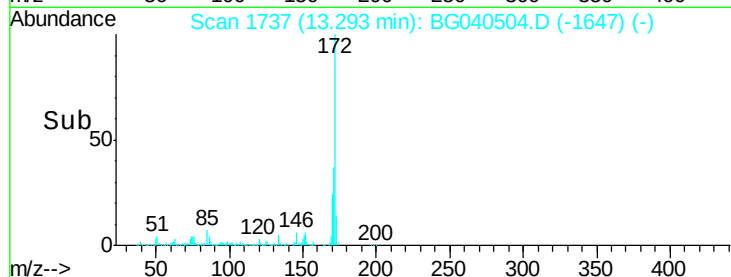
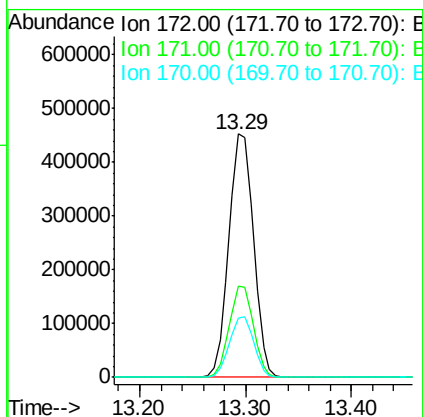
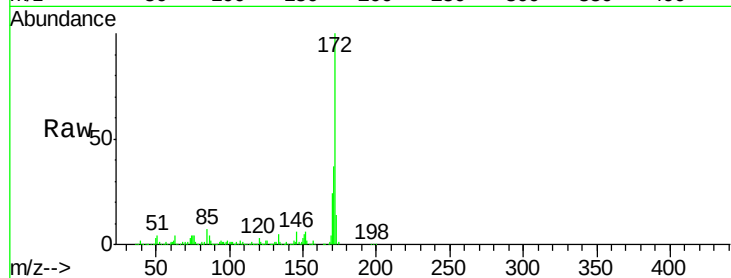




#45  
2-Fluorobiphenyl  
Concen: 75.448 ng  
RT: 13.29 min Scan# 1737  
Delta R.T. -0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

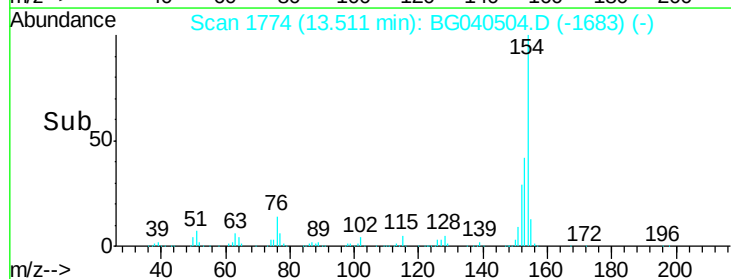
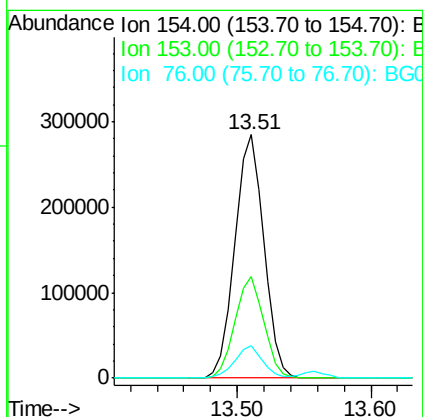
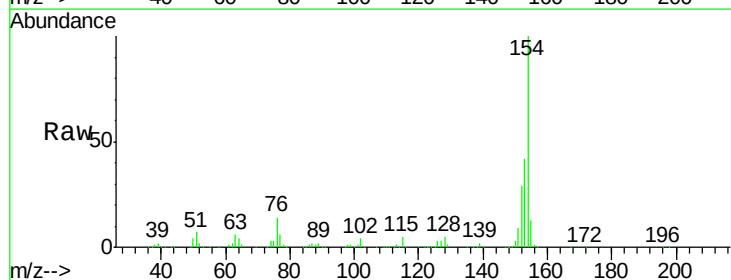
Instrument :  
BNA\_G  
ClientSampleId :  
TP3-AMS

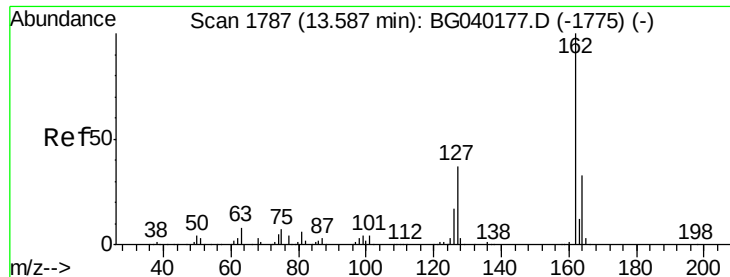
Tgt Ion:172 Resp: 728973  
Ion Ratio Lower Upper  
172 100  
171 37.3 30.5 45.7  
170 24.3 20.1 30.1



#46  
1,1'-Biphenyl  
Concen: 37.910 ng  
RT: 13.51 min Scan# 1774  
Delta R.T. 0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

Tgt Ion:154 Resp: 428835  
Ion Ratio Lower Upper  
154 100  
153 41.7 22.5 62.5  
76 13.5 0.0 33.7

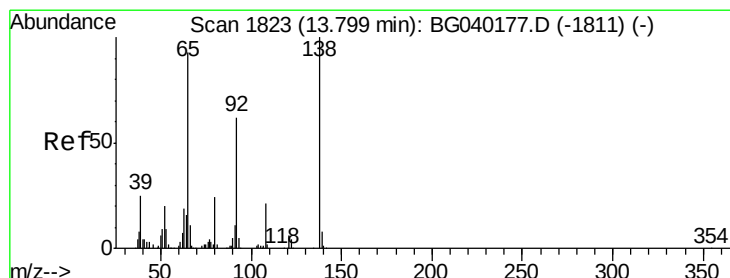
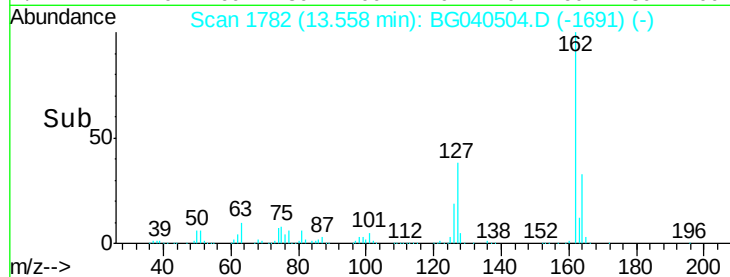
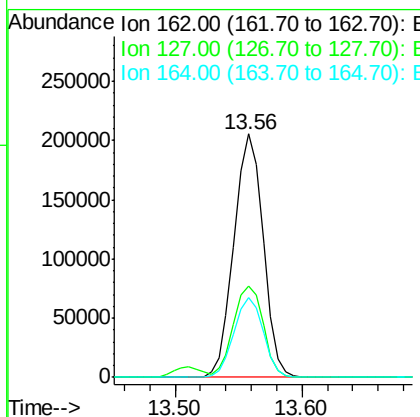
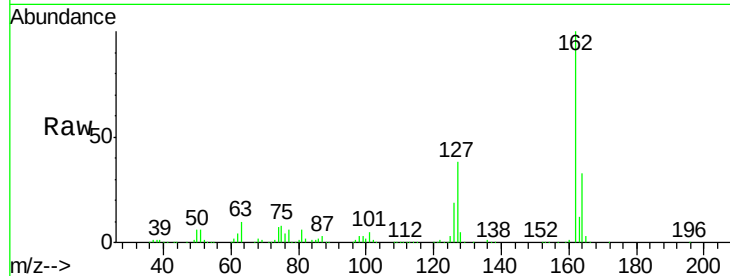




#47  
 2-Chloronaphthalene  
 Concen: 37.856 ng  
 RT: 13.56 min Scan# 1782  
 Delta R.T. 0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

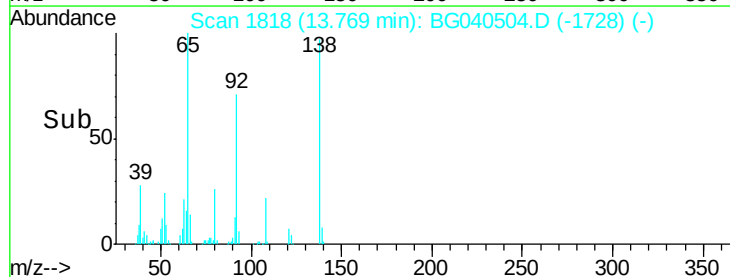
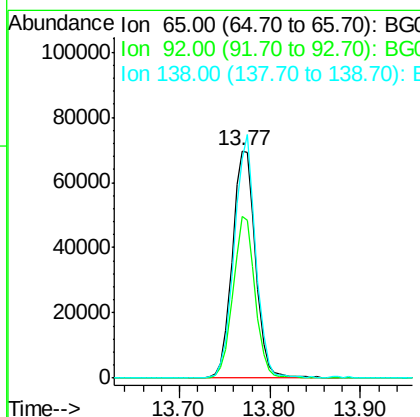
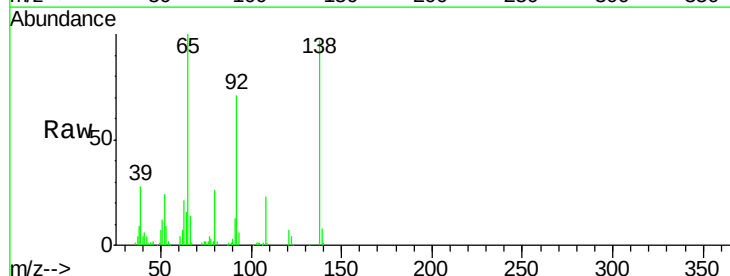
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-AMS

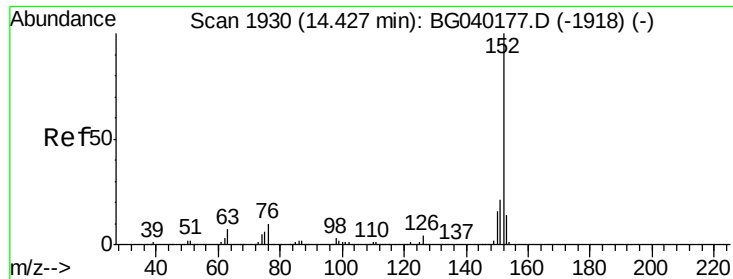
Tgt Ion: 162 Resp: 328477  
 Ion Ratio Lower Upper  
 162 100  
 127 37.7 30.6 45.8  
 164 32.7 26.2 39.4



#48  
 2-Nitroaniline  
 Concen: 42.686 ng  
 RT: 13.77 min Scan# 1818  
 Delta R.T. -0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

Tgt Ion: 65 Resp: 124935  
 Ion Ratio Lower Upper  
 65 100  
 92 71.3 53.8 80.6  
 138 96.5 86.3 129.5





#49

Acenaphthylene

Concen: 38.151 ng

RT: 14.40 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

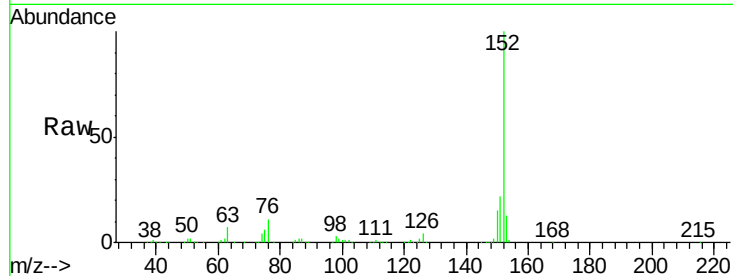
Tgt Ion:152 Resp: 561260

Ion Ratio Lower Upper

152 100

151 21.6 17.0 25.6

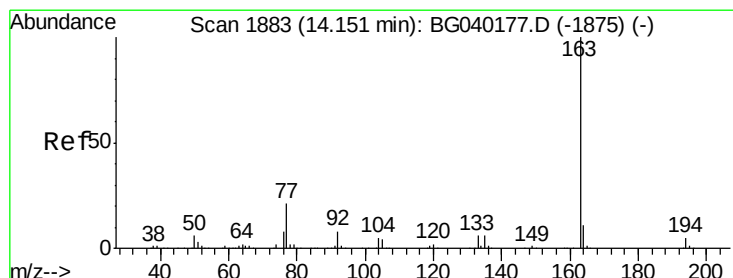
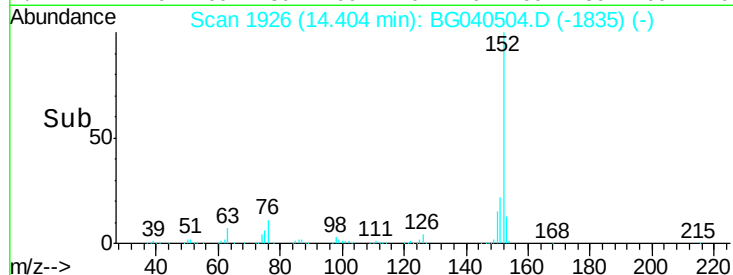
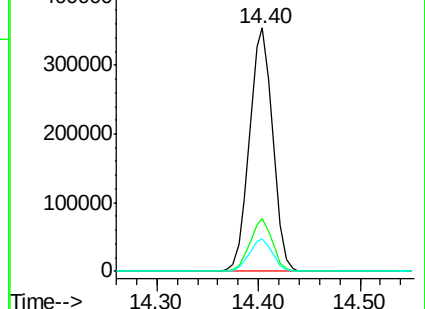
153 13.1 10.8 16.2



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: 51.541 ng

RT: 14.13 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

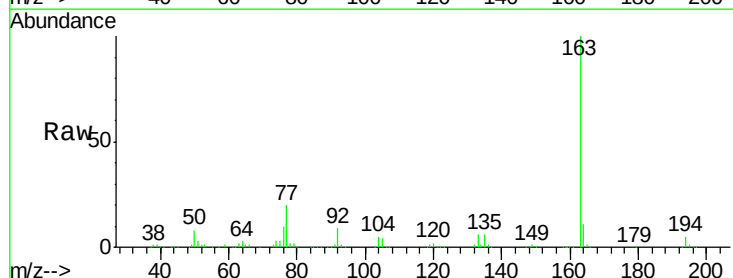
Tgt Ion:163 Resp: 577505

Ion Ratio Lower Upper

163 100

194 4.6 4.1 6.1

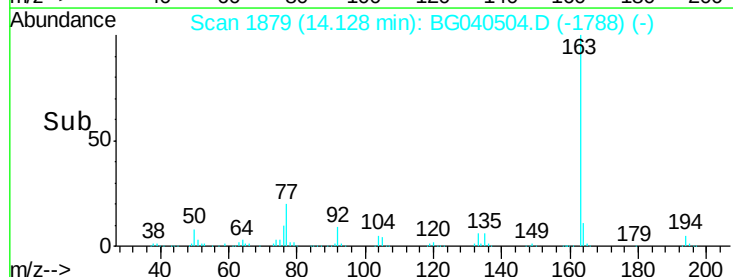
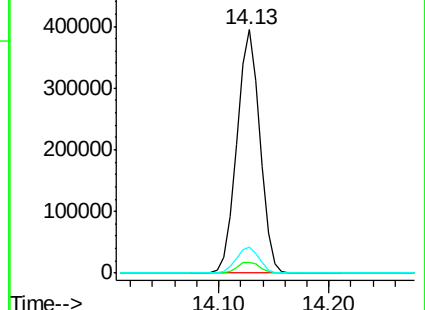
164 10.9 8.6 13.0

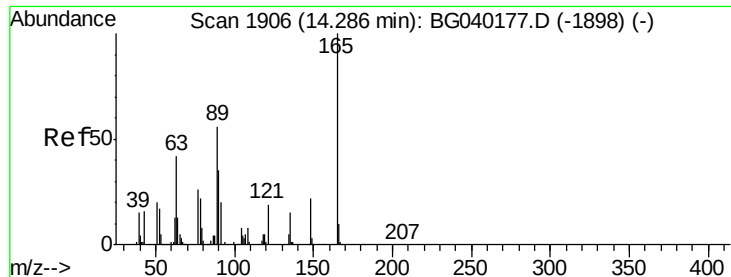


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.262 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

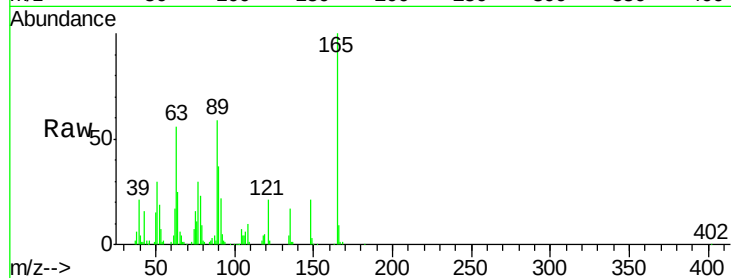
Tgt Ion:165 Resp: 103811

Ion Ratio Lower Upper

165 100

63 55.8 44.1 66.1

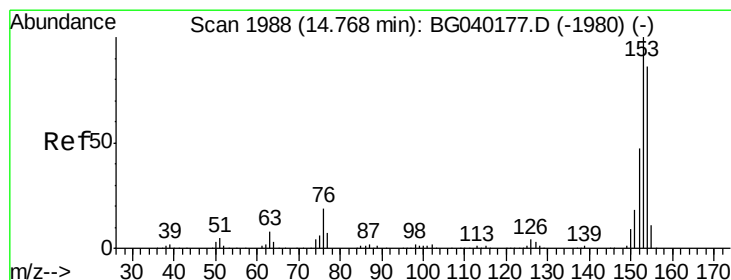
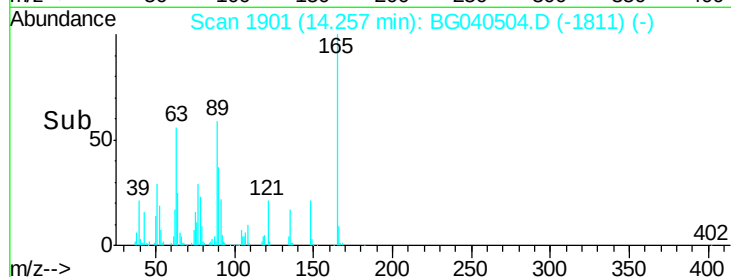
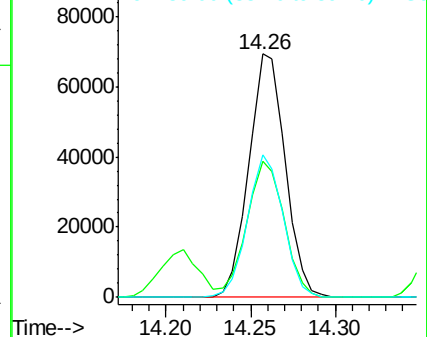
89 58.6 44.9 67.3



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



#52

Acenaphthene

Concen: 38.546 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

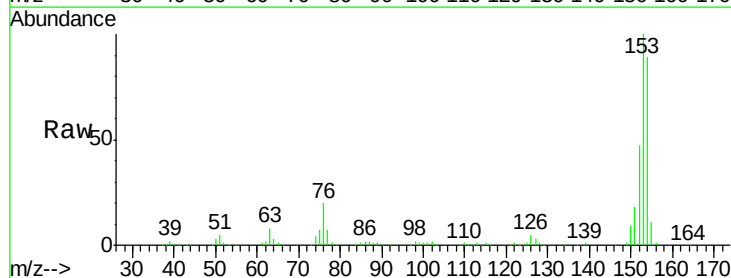
Tgt Ion:154 Resp: 324944

Ion Ratio Lower Upper

154 100

153 111.8 92.8 139.2

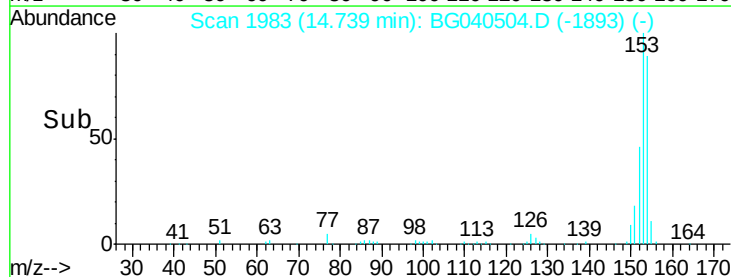
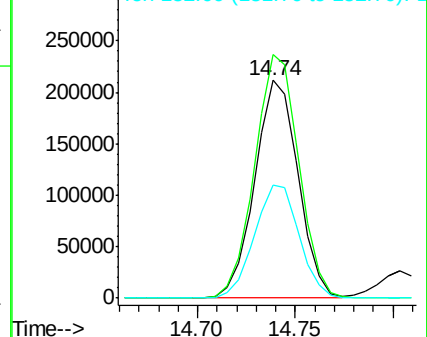
152 52.1 43.4 65.2

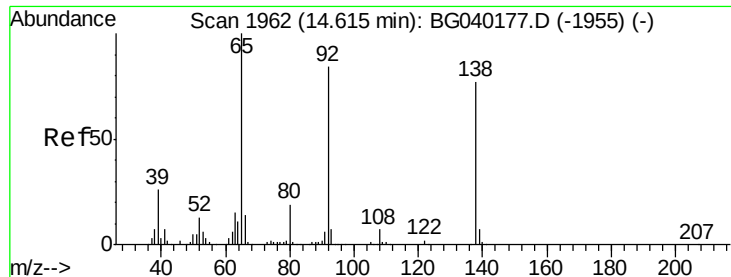


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 31.400 ng

RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

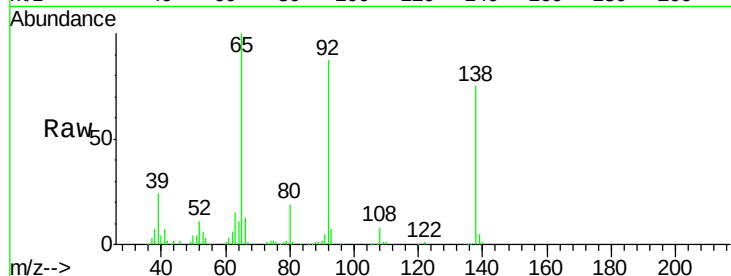
Tgt Ion:138 Resp: 83622

Ion Ratio Lower Upper

138 100

108 10.3 7.8 11.8

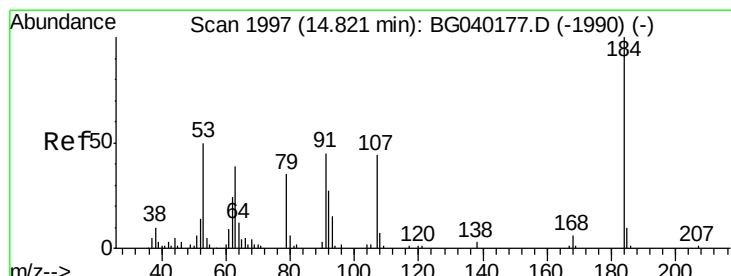
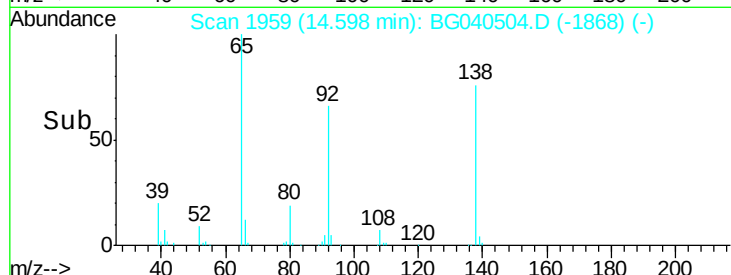
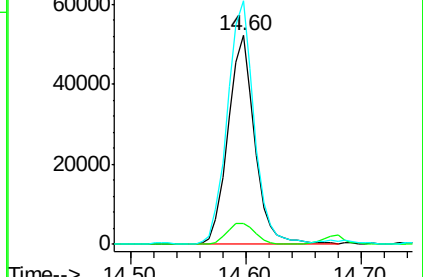
92 116.7 87.5 131.3



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: 65.761 ng

RT: 14.80 min Scan# 1994

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

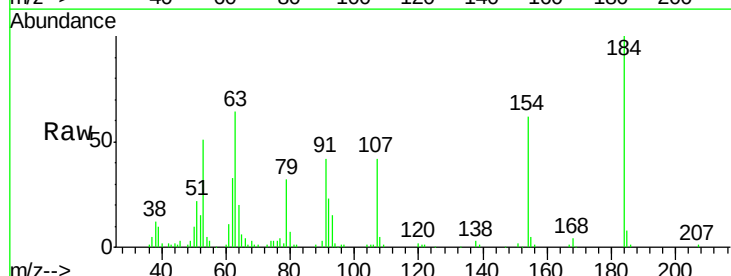
Tgt Ion:184 Resp: 87988

Ion Ratio Lower Upper

184 100

63 64.4 51.8 77.8

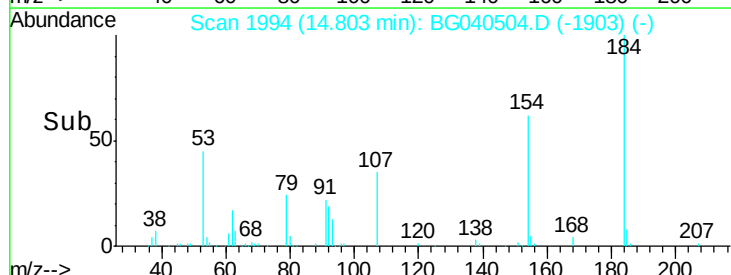
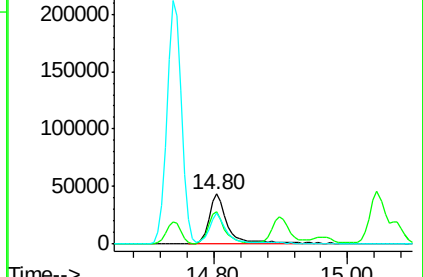
154 62.0 50.9 76.3

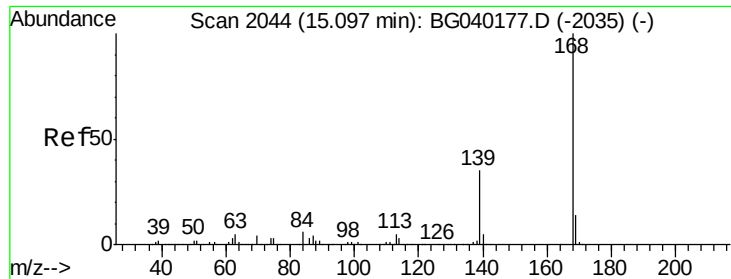


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

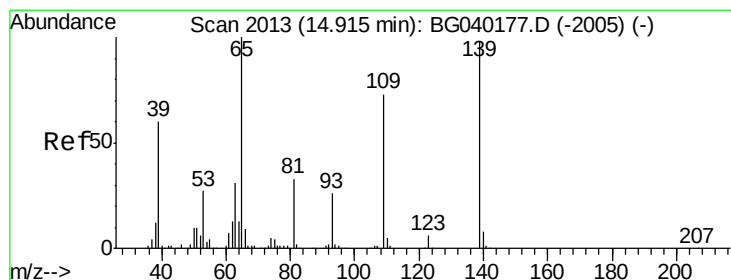
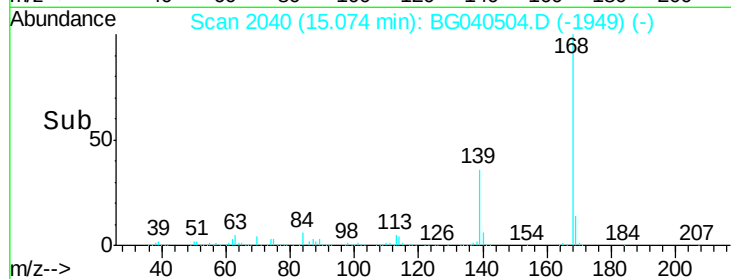
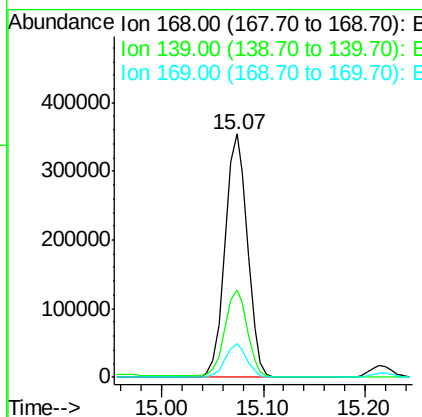
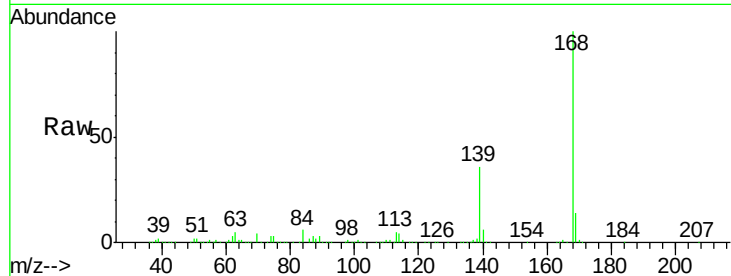




#55  
Dibenzenofuran  
Concen: 39.933 ng  
RT: 15.07 min Scan# 2040  
Delta R.T. 0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

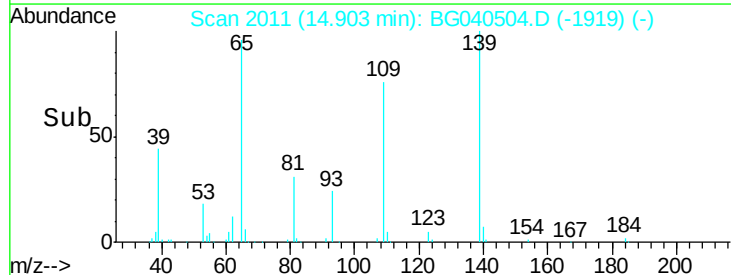
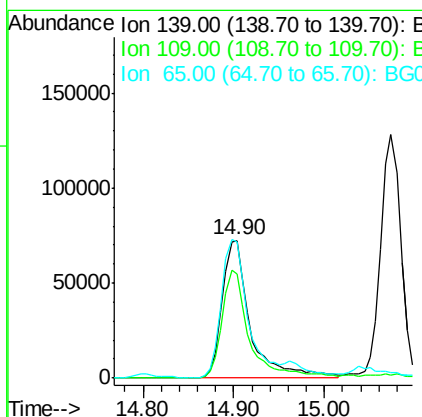
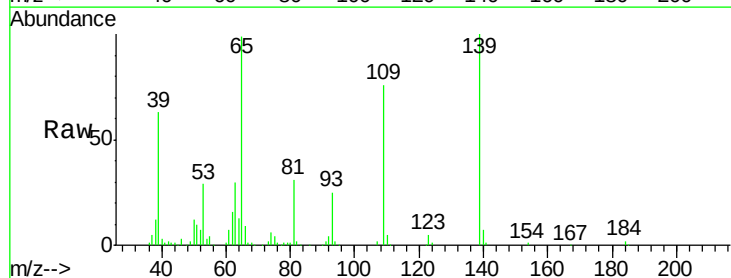
Instrument :  
BNA\_G  
ClientSampleId :  
TP3-AMS

Tgt Ion:168 Resp: 540919  
Ion Ratio Lower Upper  
168 100  
139 36.1 27.9 41.9  
169 13.7 11.3 16.9

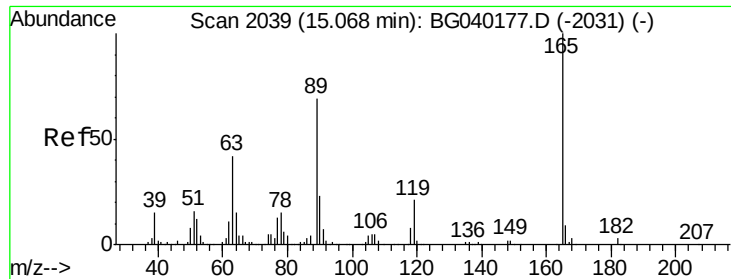


#56  
4-Nitrophenol  
Concen: 72.750 ng  
RT: 14.90 min Scan# 2011  
Delta R.T. 0.01 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

Tgt Ion:139 Resp: 156367  
Ion Ratio Lower Upper  
139 100  
109 75.9 54.3 94.3  
65 98.7 82.5 122.5



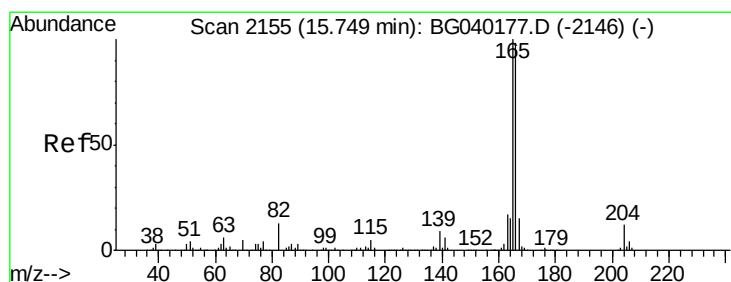
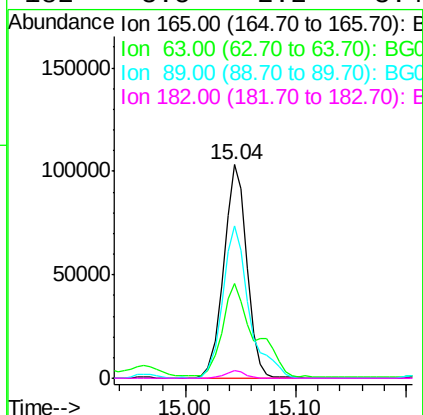
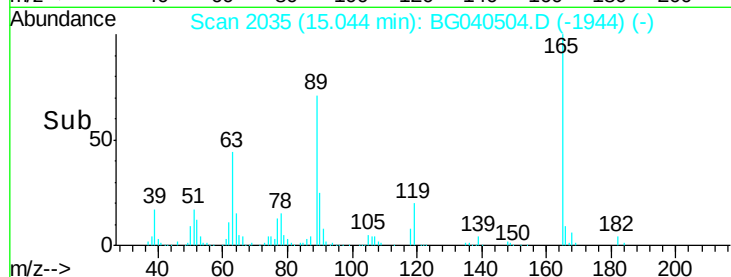
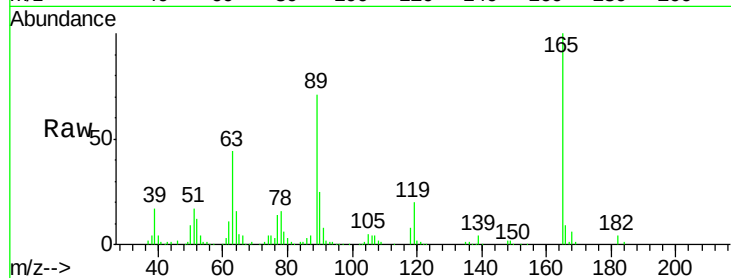




#57  
2,4-Dinitrotoluene  
Concen: 43.426 ng  
RT: 15.04 min Scan# 2035  
Delta R.T. 0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

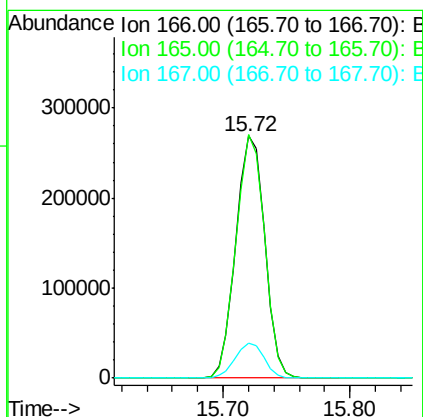
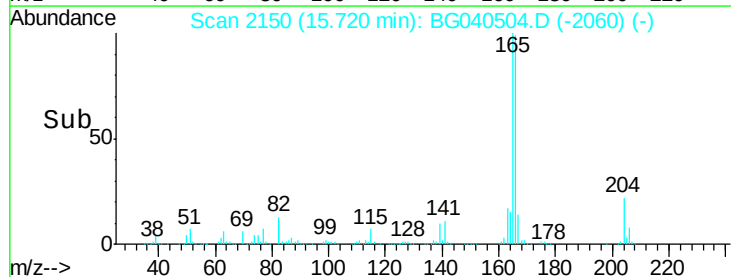
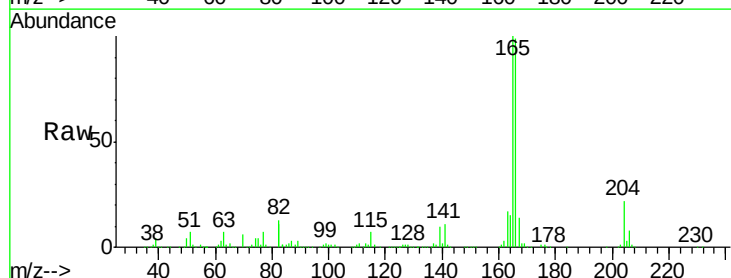
Instrument :  
BNA\_G  
ClientSampleId :  
TP3-AMS

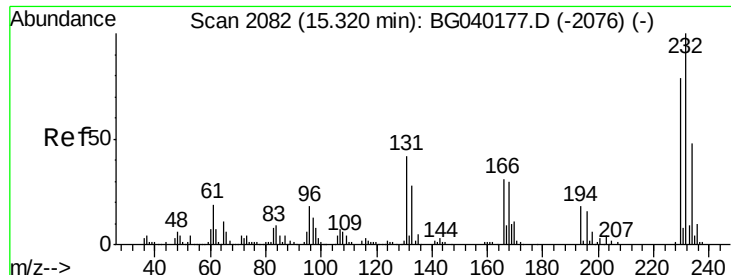
Tgt Ion:165 Resp: 151810  
Ion Ratio Lower Upper  
165 100  
63 44.3 33.8 50.6  
89 71.4 55.4 83.2  
182 3.5 2.2 3.4#



#58  
Fluorene  
Concen: 39.903 ng  
RT: 15.72 min Scan# 2150  
Delta R.T. -0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

Tgt Ion:166 Resp: 424968  
Ion Ratio Lower Upper  
166 100  
165 100.6 81.7 122.5  
167 14.5 11.9 17.9

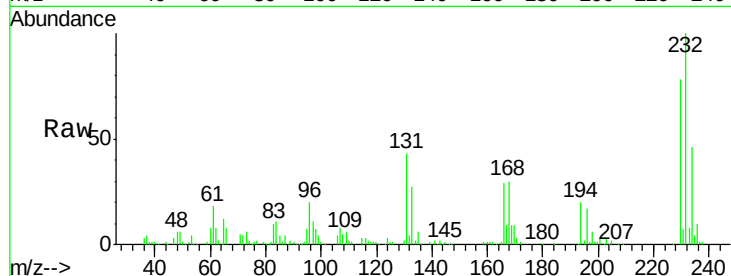




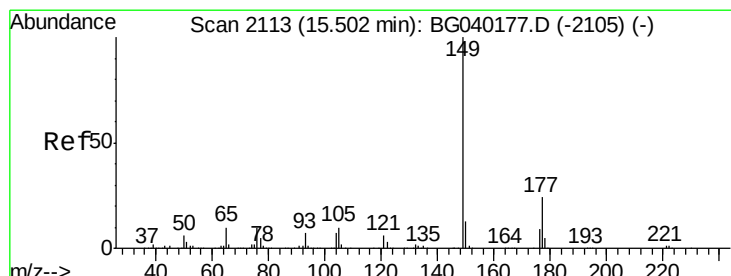
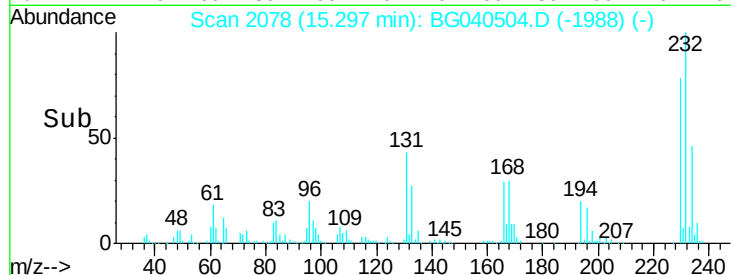
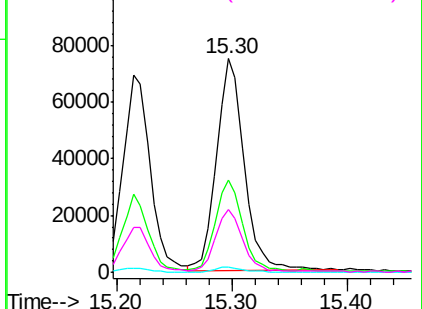
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 43.186 ng  
 RT: 15.30 min Scan# 2078  
 Delta R.T. -0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

Instrument :  
 BNA\_G  
 ClientSampled :  
 TP3-AMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 125316 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 41.3  | 32.9  | 49.3   |
| 130      | 2.5   | 1.8   | 2.8    |
| 166      | 28.0  | 23.5  | 35.3   |

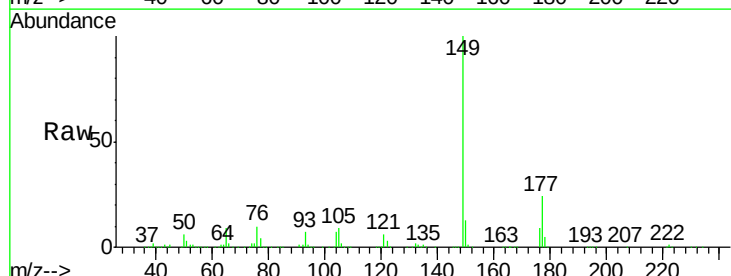


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

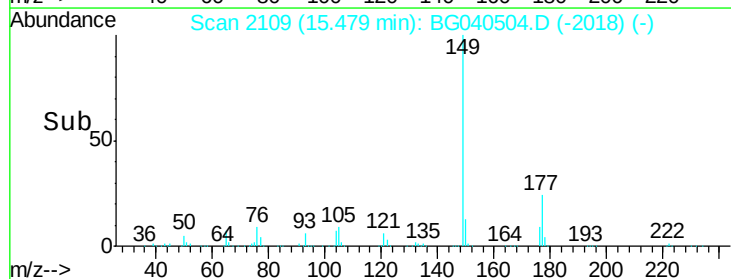
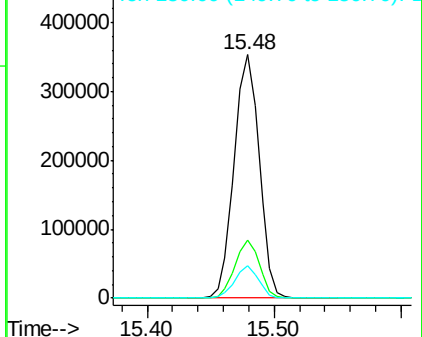


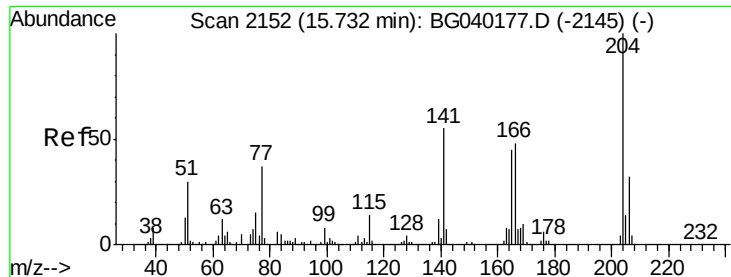
#60  
 Diethylphthalate  
 Concen: 42.140 ng  
 RT: 15.48 min Scan# 2109  
 Delta R.T. 0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 483165 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.6  | 19.1  | 28.7   |
| 150      | 13.4  | 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

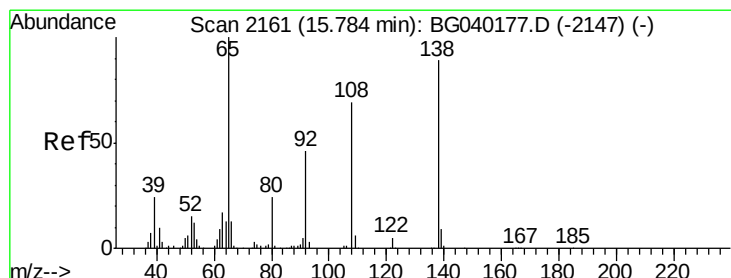
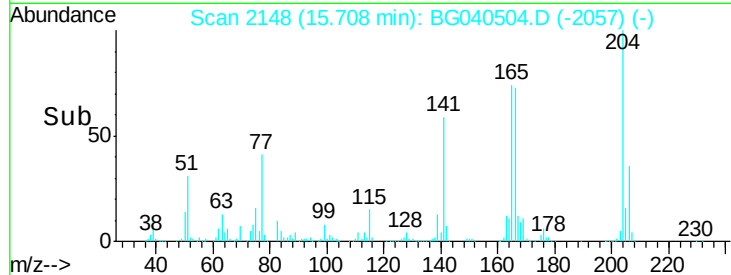
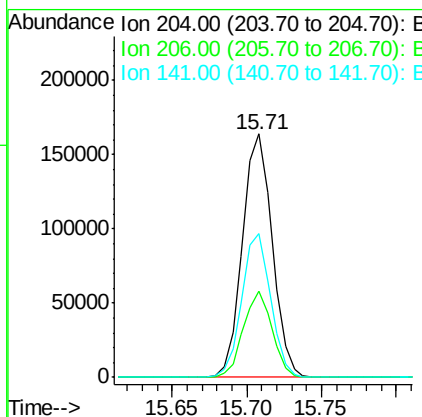
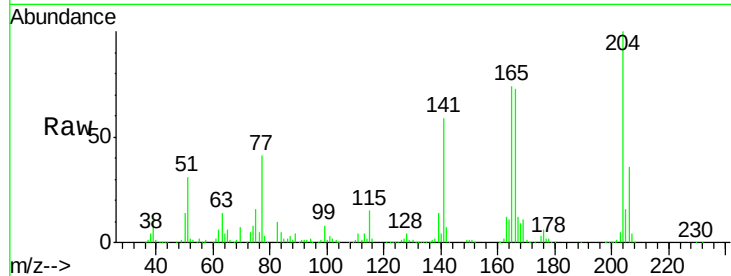




#61  
 4-Chlorophenyl-phenylether  
 Concen: 39.760 ng  
 RT: 15.71 min Scan# 2148  
 Delta R.T. 0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

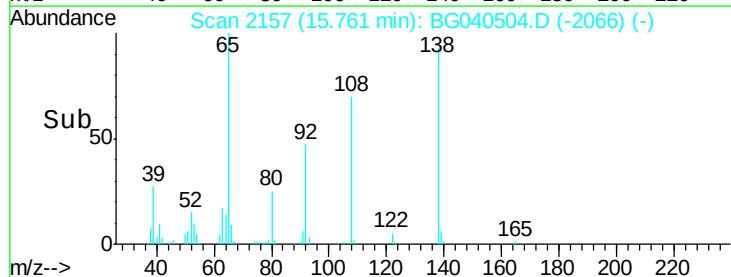
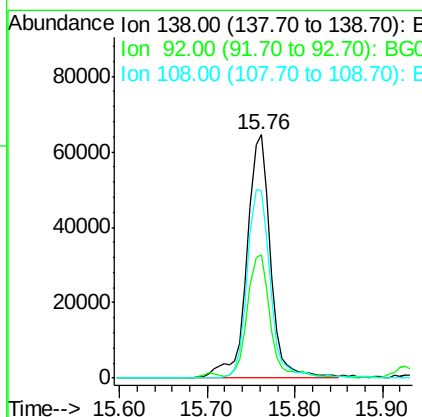
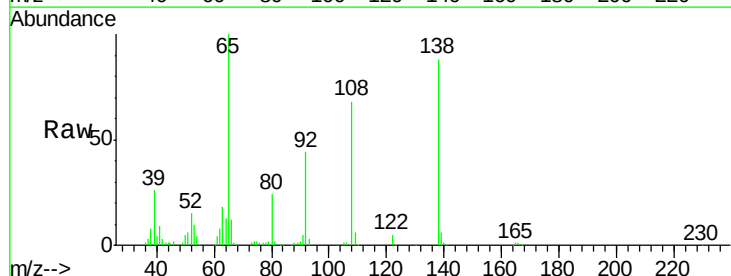
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-AMS

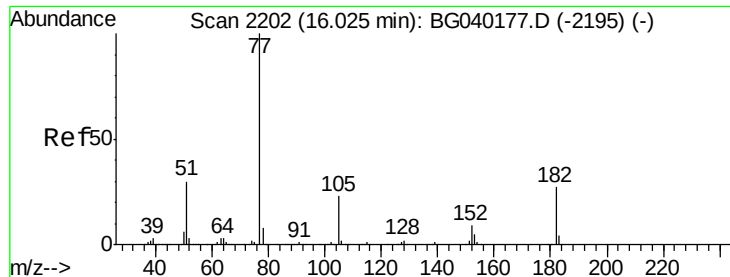
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 204   | Resp: | 226345 |
| Ion      | Ratio | Lower | Upper  |
| 204      | 100   |       |        |
| 206      | 35.5  | 25.7  | 38.5   |
| 141      | 59.0  | 44.0  | 66.0   |



#62  
 4-Nitroaniline  
 Concen: 41.116 ng  
 RT: 15.76 min Scan# 2157  
 Delta R.T. 0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 117510 |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 92       | 50.8  | 31.8  | 71.8   |
| 108      | 77.1  | 57.2  | 97.2   |





#63

Azobenzene

Concen: 40.389 ng

RT: 16.00 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

Tgt Ion: 77 Resp: 436812

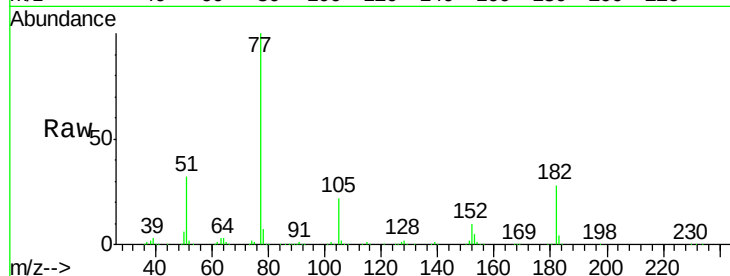
Ion Ratio Lower Upper

77 100

182 28.0 7.2 47.2

105 21.9 2.8 42.8

51 31.9 10.4 50.4

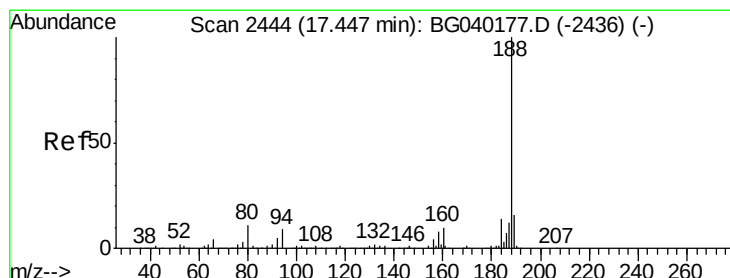
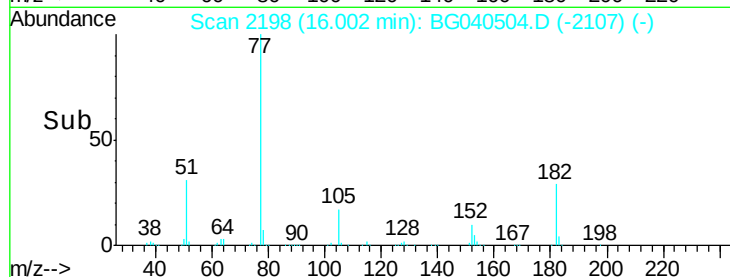
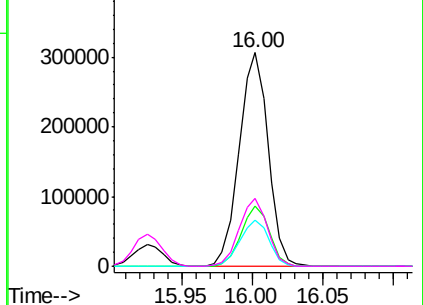


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.42 min Scan# 2440

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

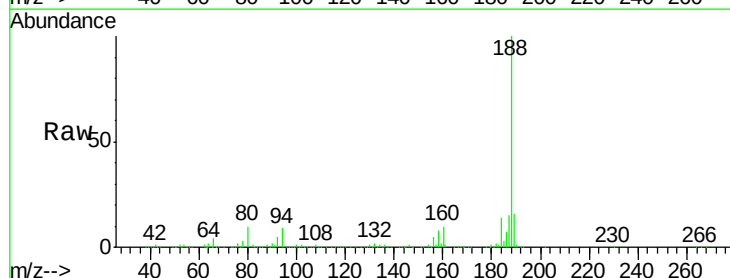
Tgt Ion: 188 Resp: 358714

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

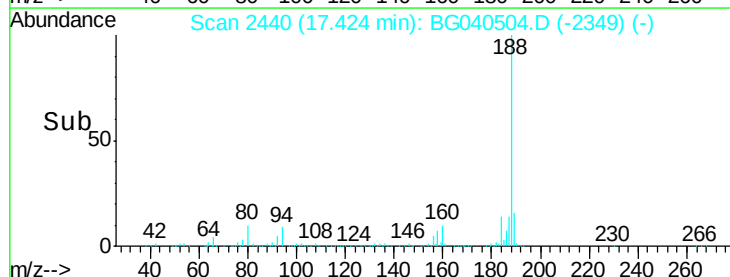
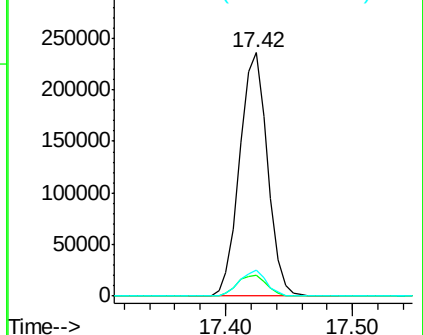
80 10.5 8.6 13.0

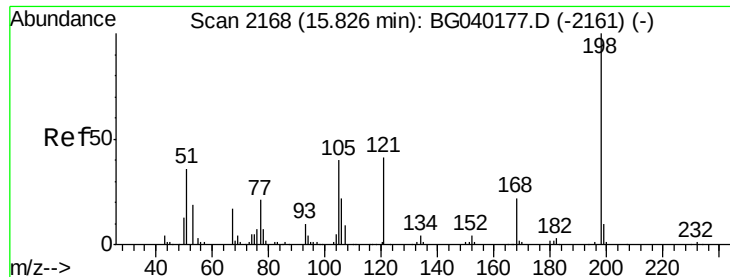


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

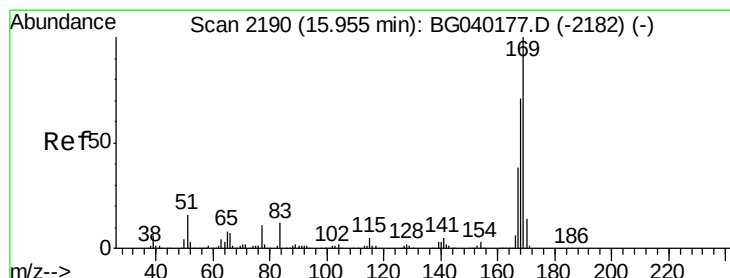
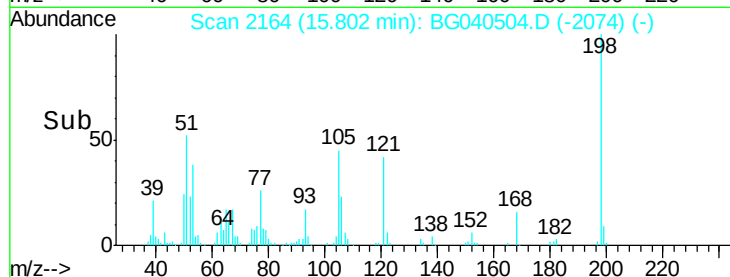
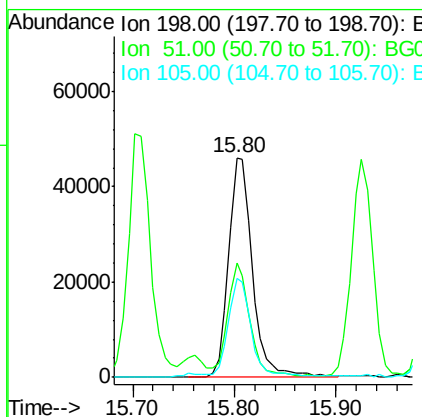
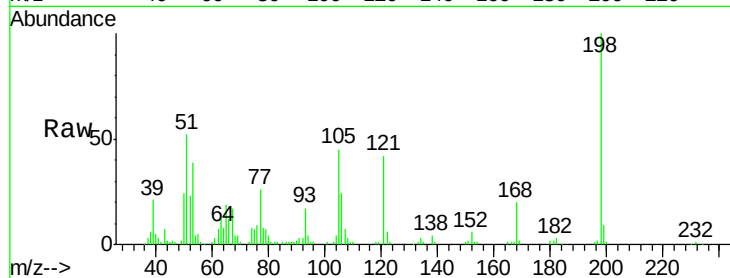




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 37.514 ng  
 RT: 15.80 min Scan# 2164  
 Delta R.T. -0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

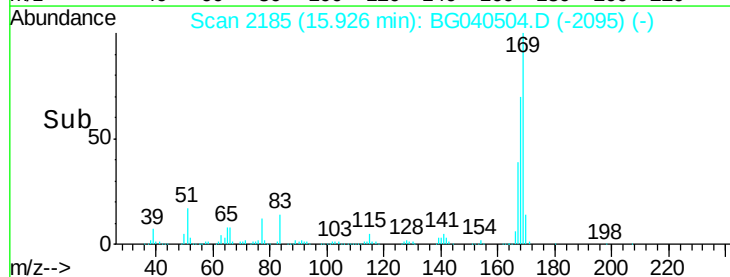
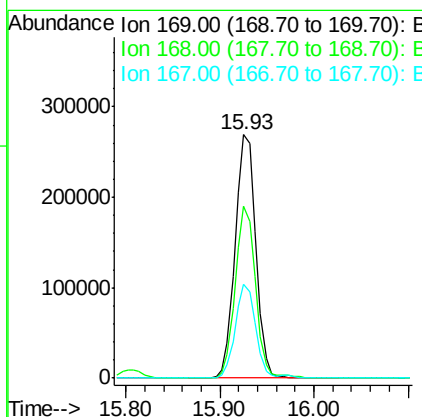
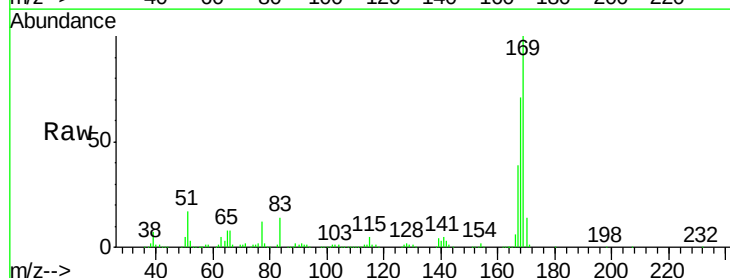
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-AMS

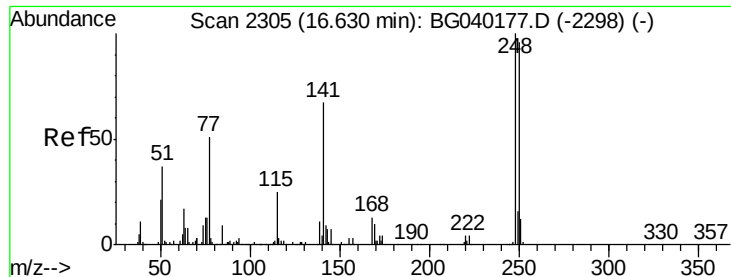
Tgt Ion:198 Resp: 75602  
 Ion Ratio Lower Upper  
 198 100  
 51 52.0 27.3 67.3  
 105 45.1 21.7 61.7



#66  
 n-Nitrosodiphenylamine  
 Concen: 39.123 ng  
 RT: 15.93 min Scan# 2185  
 Delta R.T. -0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

Tgt Ion:169 Resp: 410676  
 Ion Ratio Lower Upper  
 169 100  
 168 70.6 56.8 85.2  
 167 38.6 30.2 45.4

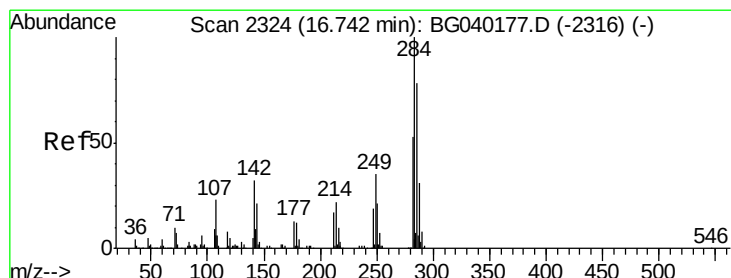
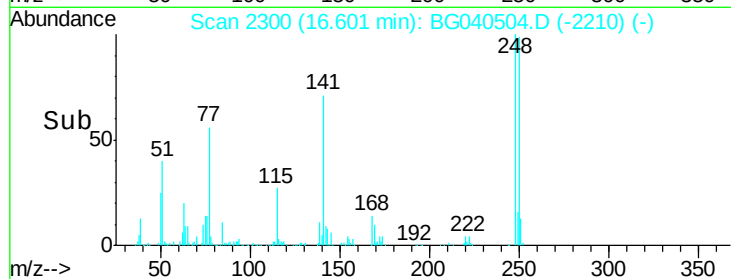
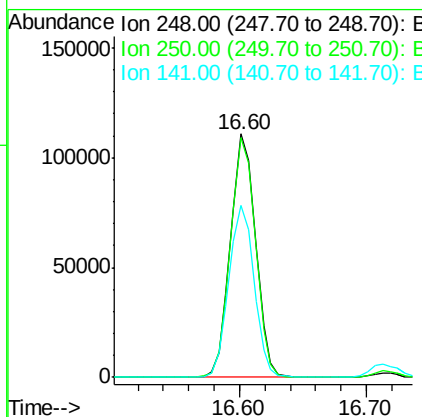
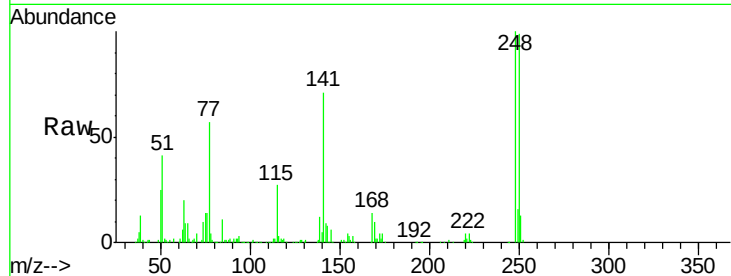




#67  
 4-Bromophenyl-phenylether  
 Concen: 37.544 ng  
 RT: 16.60 min Scan# 2300  
 Delta R.T. -0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

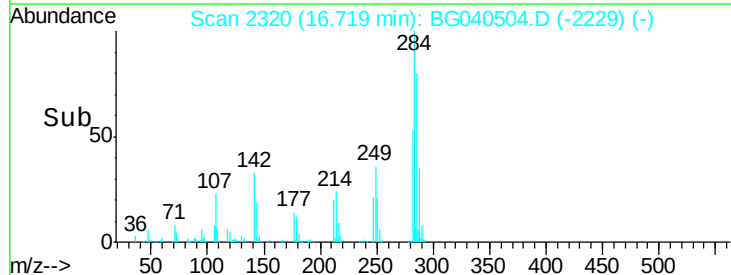
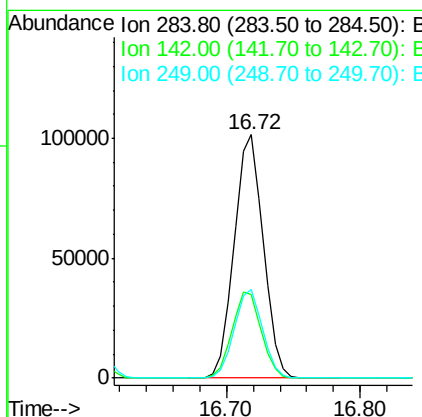
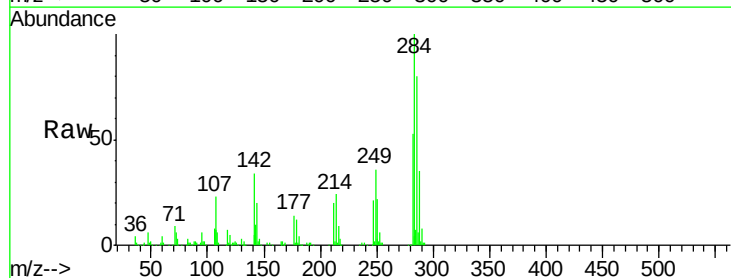
Instrument :  
 BNA\_G  
 ClientSampled :  
 TP3-AMS

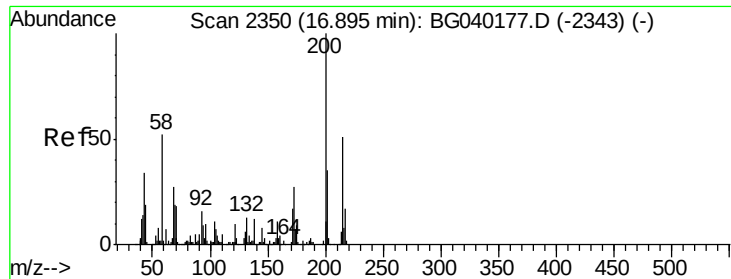
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 98.6  | 76.4  | 114.6 |
| 141     | 70.7  | 53.8  | 80.8  |



#68  
 Hexachlorobenzene  
 Concen: 37.797 ng  
 RT: 16.72 min Scan# 2320  
 Delta R.T. 0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.2  | 25.3  | 37.9  |
| 249     | 36.5  | 28.2  | 42.2  |





#69

Atrazine

Concen: 39.150 ng

RT: 16.87 min Scan# 2346

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampled :

TP3-AMS

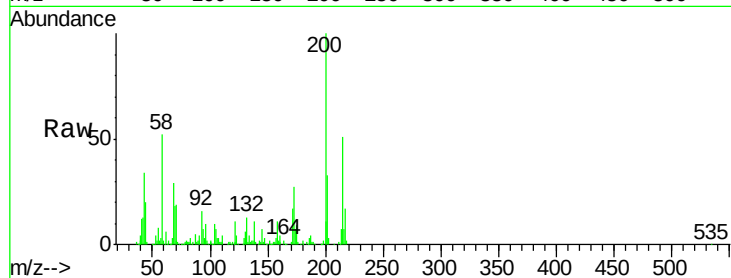
Tgt Ion:200 Resp: 152872

Ion Ratio Lower Upper

200 100

173 26.9 7.1 47.1

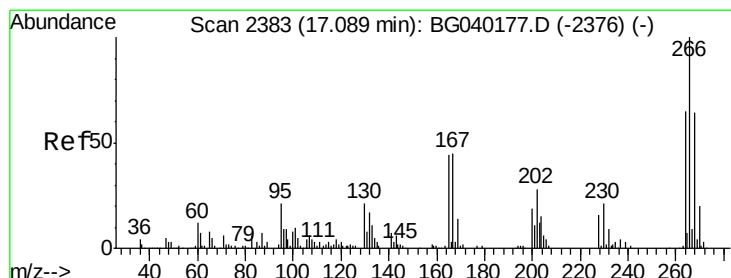
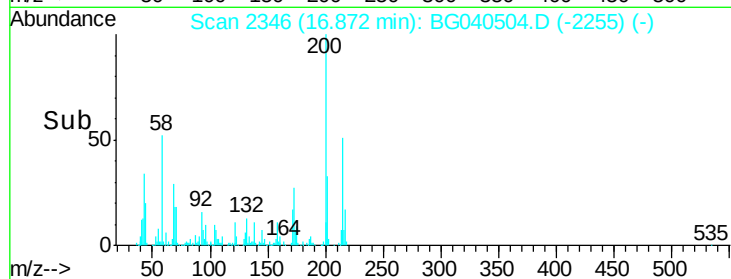
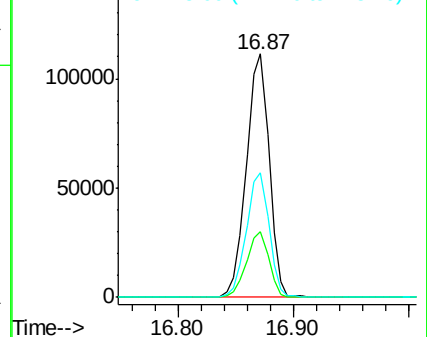
215 51.3 30.9 70.9



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: 65.979 ng

RT: 17.07 min Scan# 2380

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

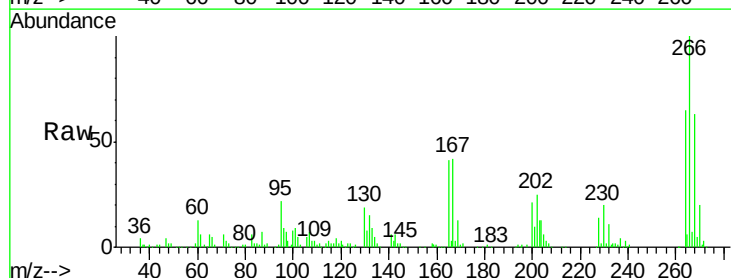
Tgt Ion:266 Resp: 154824

Ion Ratio Lower Upper

266 100

268 63.4 55.0 82.4

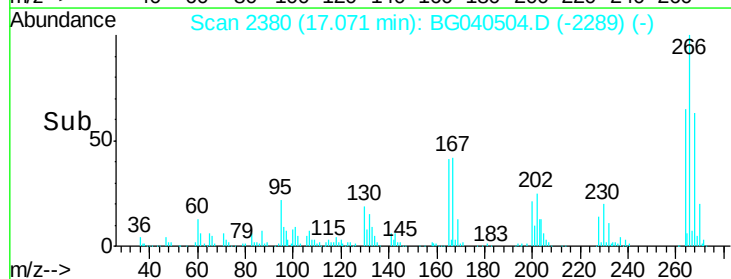
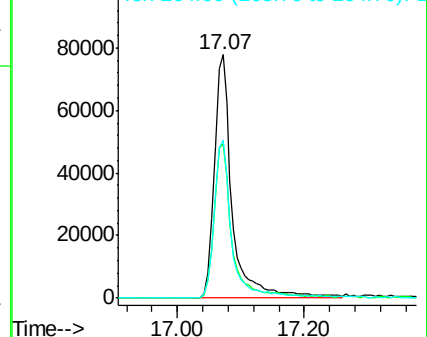
264 65.0 51.8 77.8

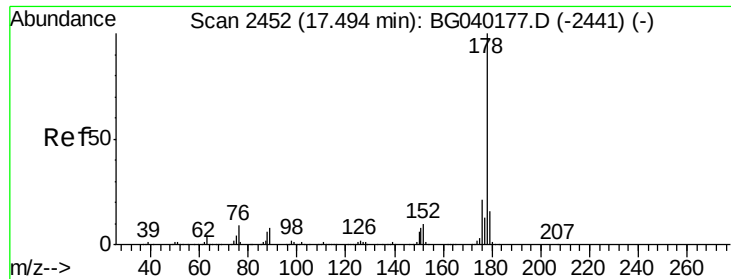


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

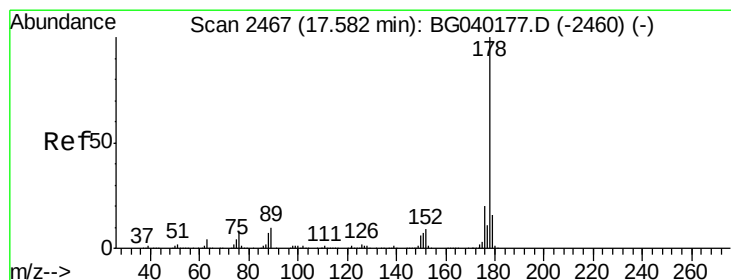
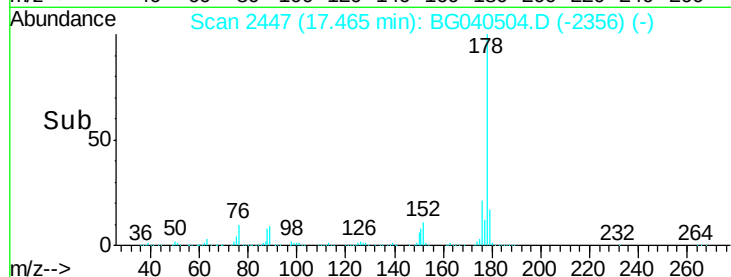
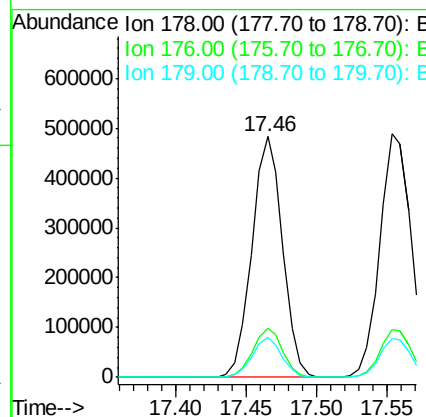
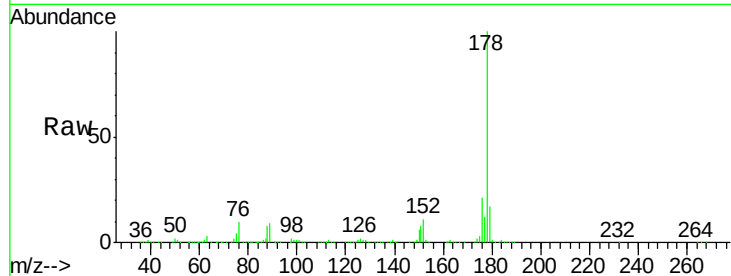




#71  
Phenanthrene  
Concen: 38.885 ng  
RT: 17.46 min Scan# 2447  
Delta R.T. 0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

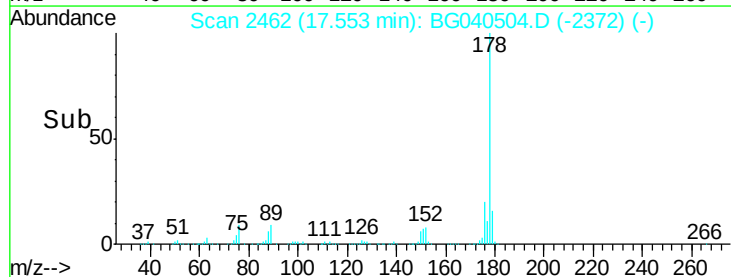
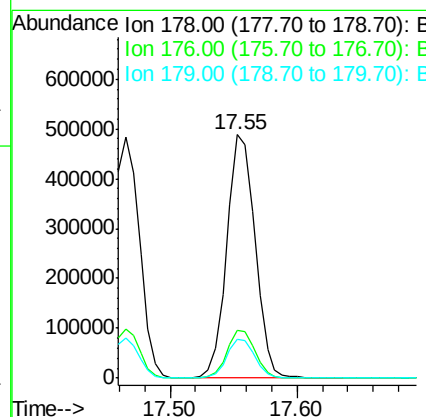
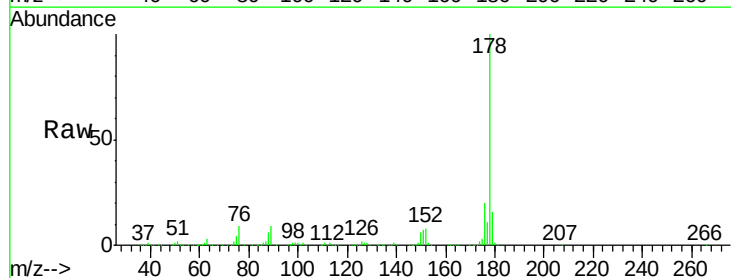
Instrument :  
BNA\_G  
ClientSampleId :  
TP3-AMS

Tgt Ion:178 Resp: 733154  
Ion Ratio Lower Upper  
178 100  
176 20.5 16.7 25.1  
179 16.5 12.8 19.2

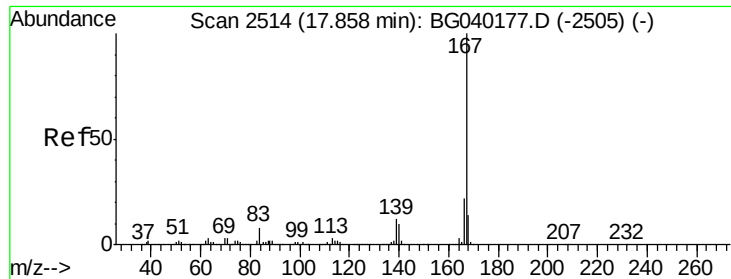


#72  
Anthracene  
Concen: 39.797 ng  
RT: 17.55 min Scan# 2462  
Delta R.T. -0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

Tgt Ion:178 Resp: 751057  
Ion Ratio Lower Upper  
178 100  
176 19.9 15.9 23.9  
179 15.8 12.9 19.3



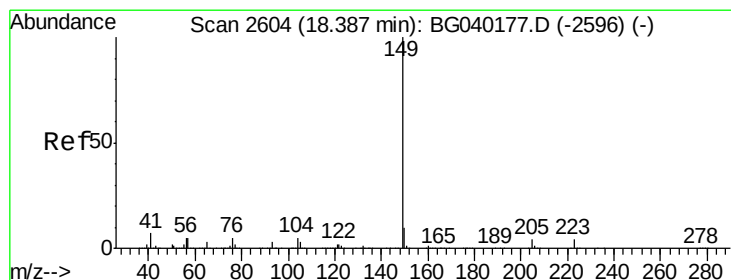
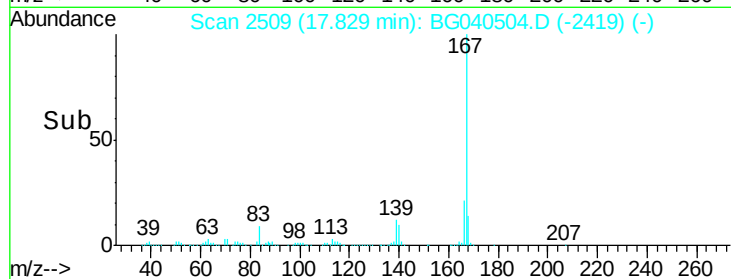
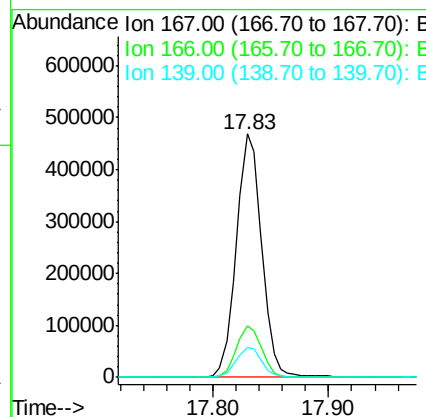
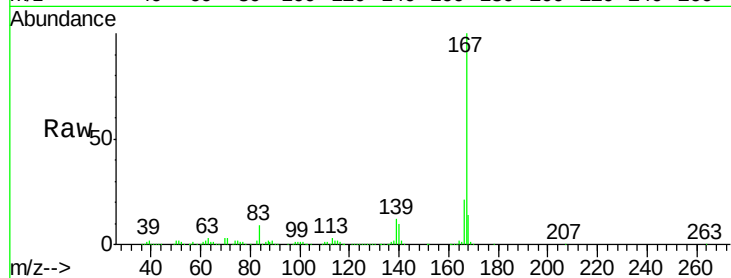




#73  
 Carbazole  
 Concen: 39.991 ng  
 RT: 17.83 min Scan# 2509  
 Delta R.T. -0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

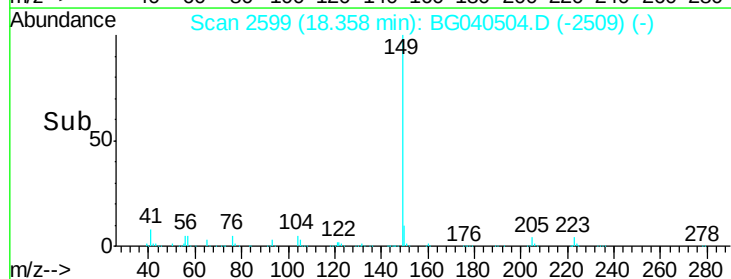
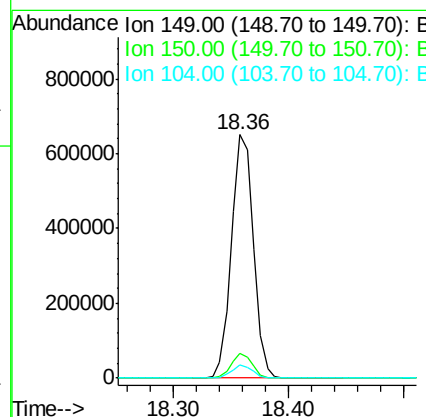
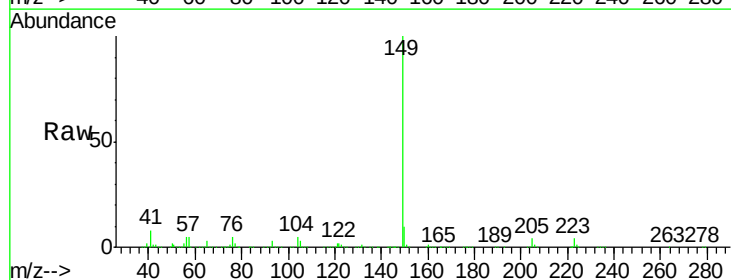
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP3-AMS

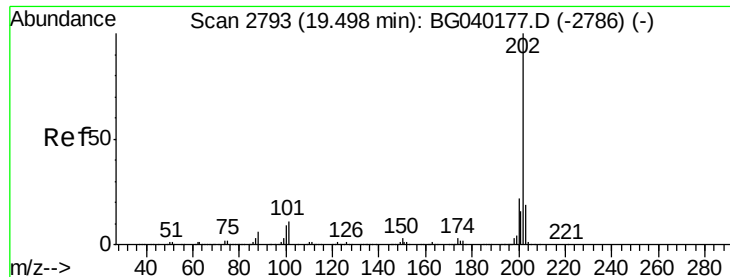
Tgt Ion:167 Resp: 714249  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 17.5 26.3  
 139 12.3 10.0 15.0



#74  
 Di-n-butylphthalate  
 Concen: 40.546 ng  
 RT: 18.36 min Scan# 2599  
 Delta R.T. -0.00 min  
 Lab File: BG040504.D  
 Acq: 16 Apr 2019 15:28

Tgt Ion:149 Resp: 858392  
 Ion Ratio Lower Upper  
 149 100  
 150 10.0 7.9 11.9  
 104 5.3 4.1 6.1





#75

Fluoranthene

Concen: 39.549 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

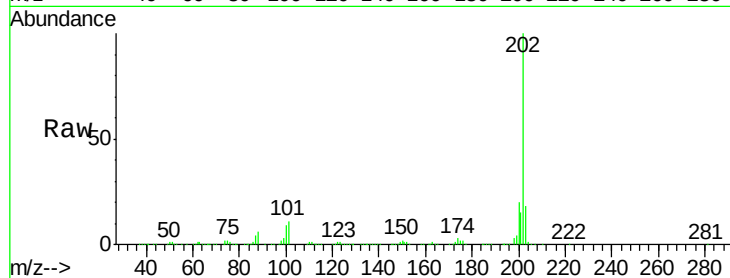
Tgt Ion:202 Resp: 882980

Ion Ratio Lower Upper

202 100

101 11.3 0.0 30.8

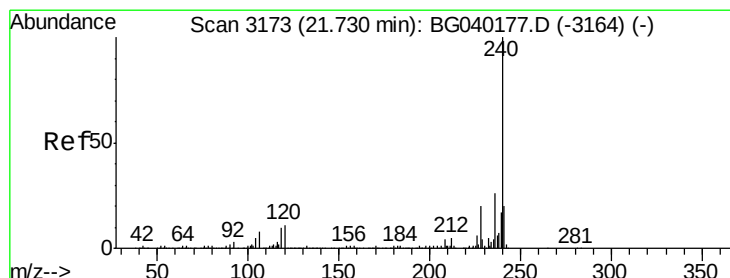
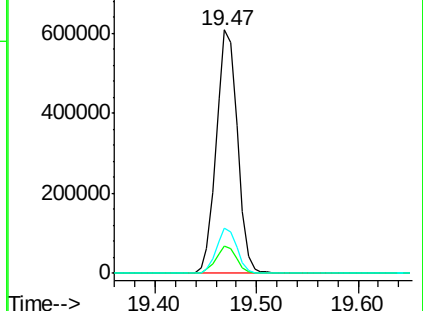
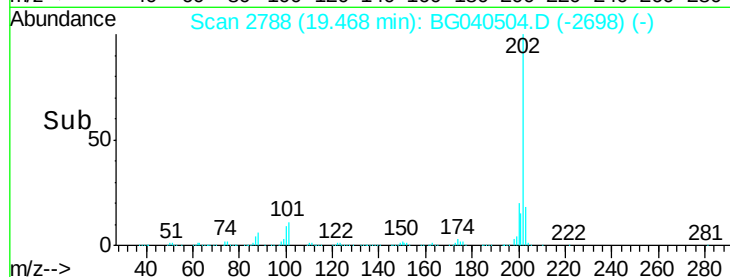
203 18.4 0.0 38.9



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: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

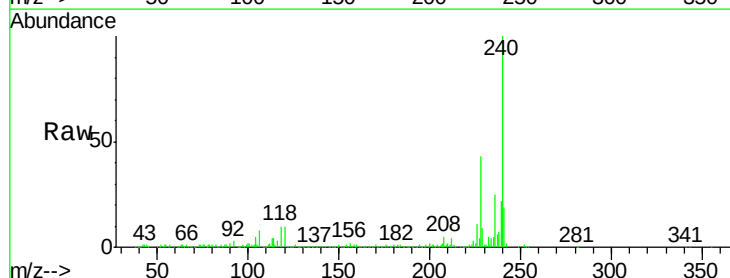
Tgt Ion:240 Resp: 315685

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

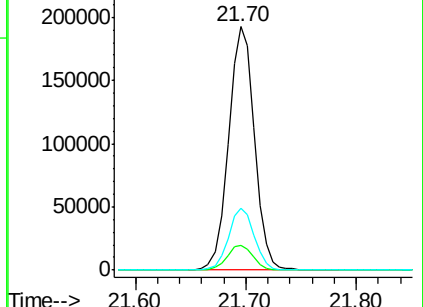
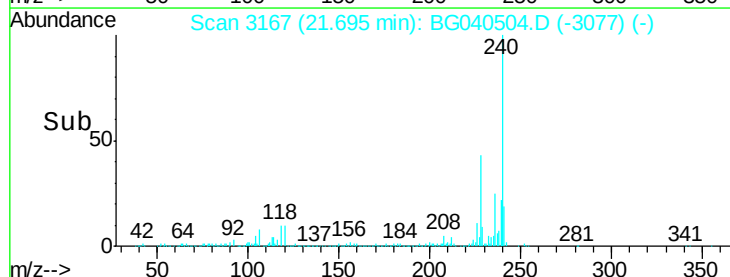
236 25.5 20.8 31.2

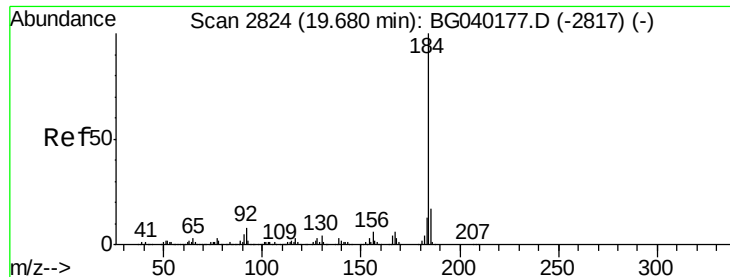


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 24.480 ng

RT: 19.66 min Scan# 2820

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

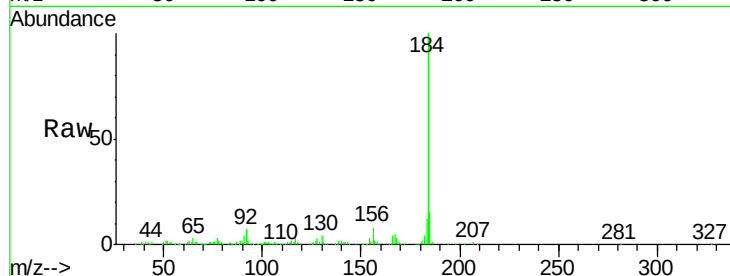
Tgt Ion:184 Resp: 279064

Ion Ratio Lower Upper

184 100

185 14.8 13.3 19.9

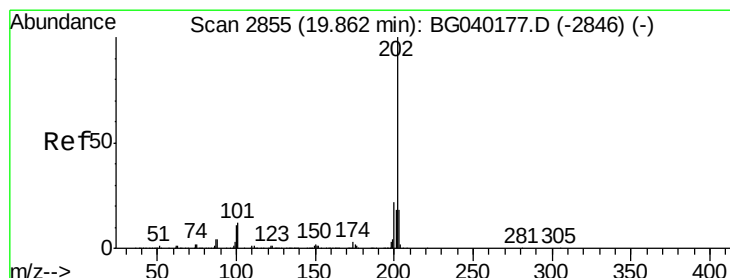
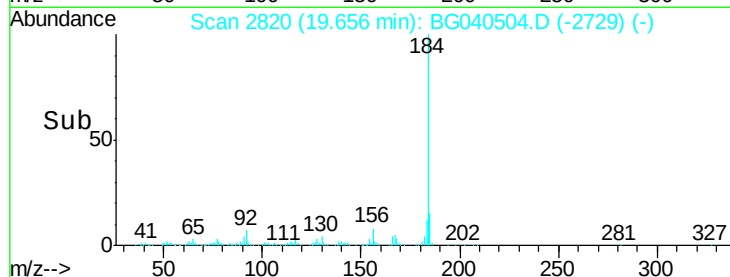
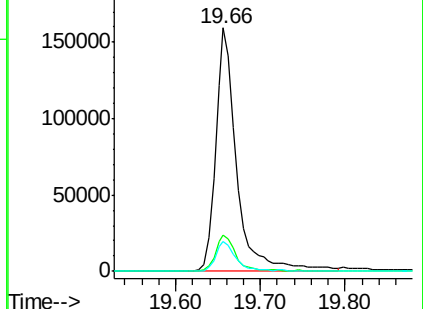
183 12.2 10.3 15.5



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: 42.038 ng

RT: 19.83 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

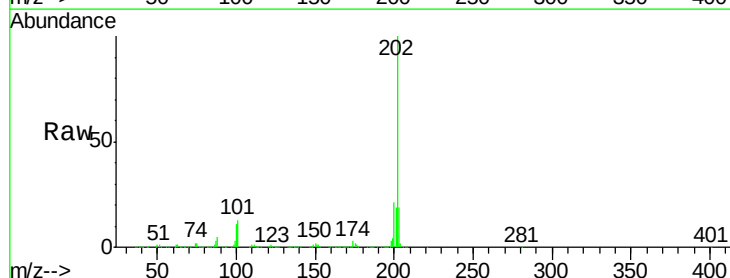
Tgt Ion:202 Resp: 872695

Ion Ratio Lower Upper

202 100

200 21.1 17.3 25.9

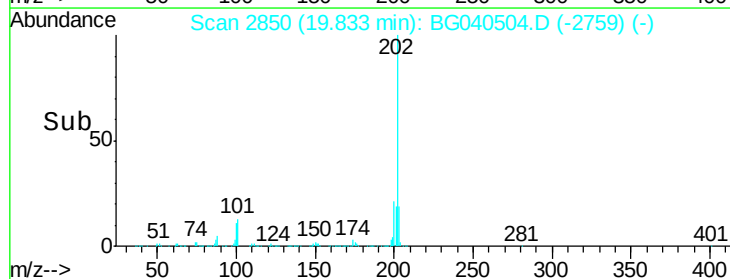
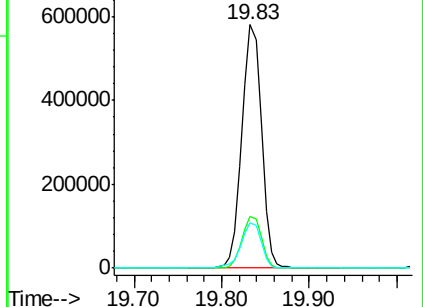
203 18.8 14.6 22.0

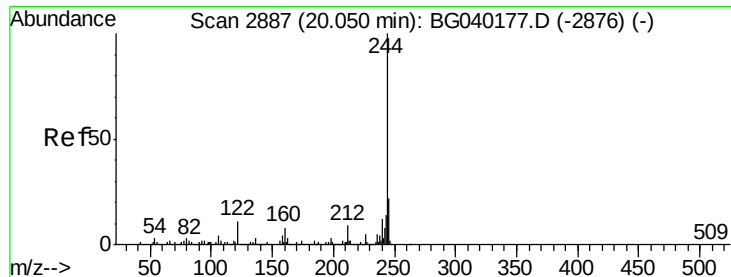


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.759 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

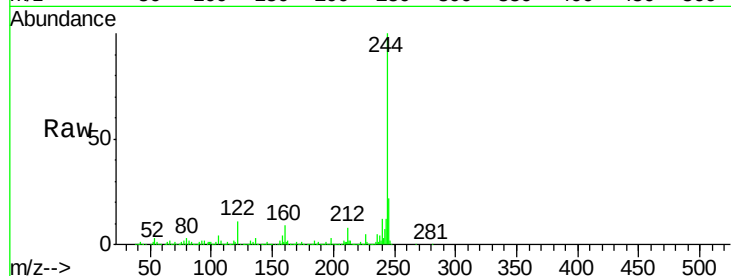
Tgt Ion:244 Resp: 1119231

Ion Ratio Lower Upper

244 100

212 8.4 7.0 10.6

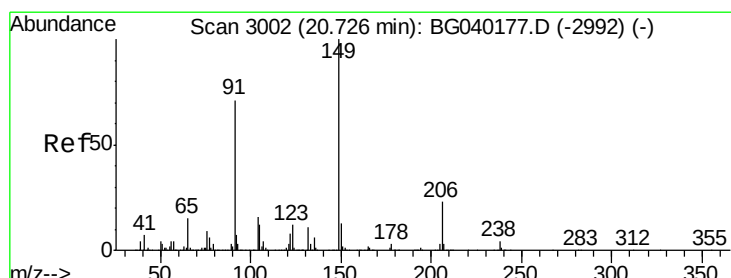
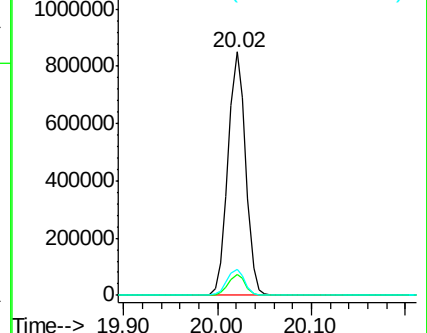
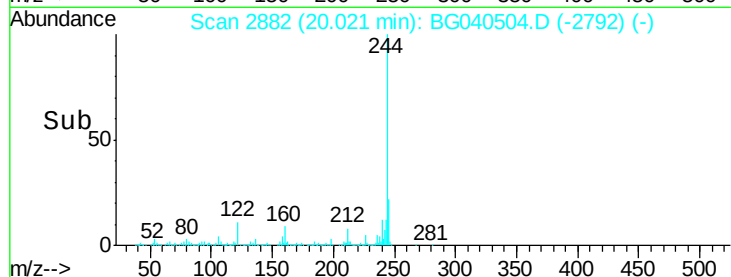
122 10.9 8.5 12.7



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: 44.580 ng

RT: 20.70 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

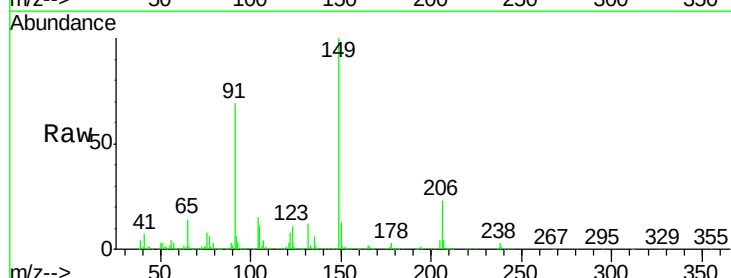
Tgt Ion:149 Resp: 396026

Ion Ratio Lower Upper

149 100

91 68.5 57.0 85.4

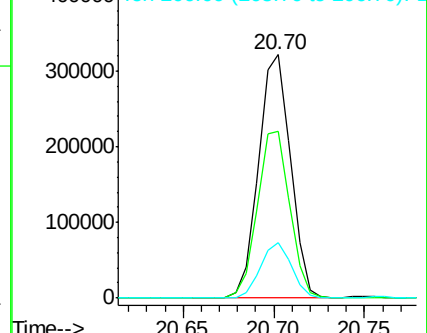
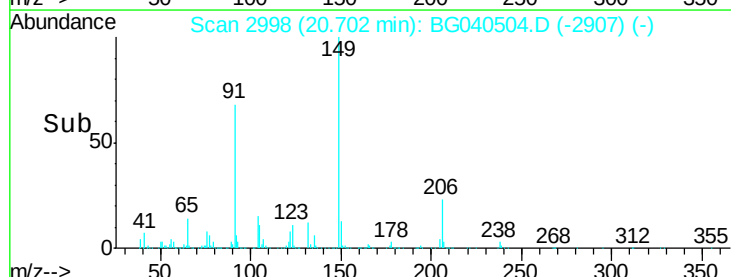
206 22.5 18.2 27.4

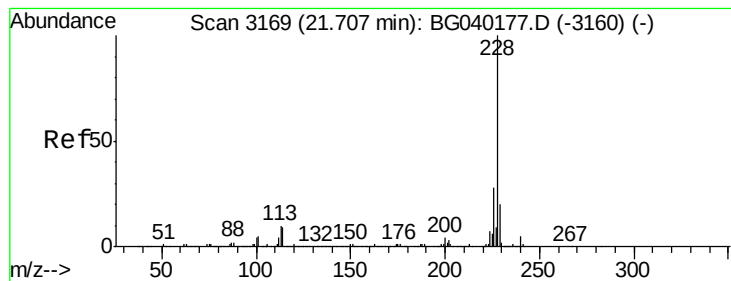


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.600 ng

RT: 21.68 min Scan# 3164

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

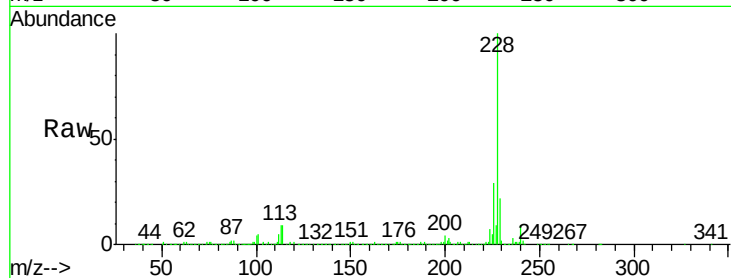
Tgt Ion:228 Resp: 789444

Ion Ratio Lower Upper

228 100

226 28.5 22.6 34.0

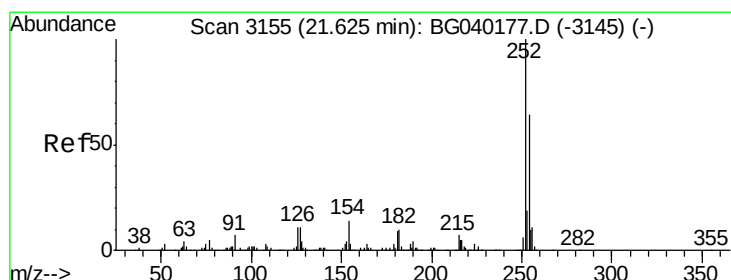
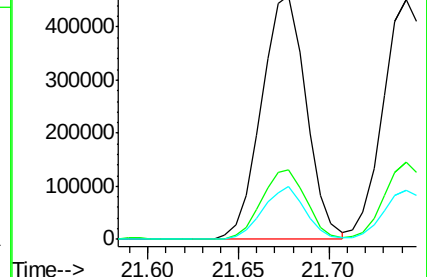
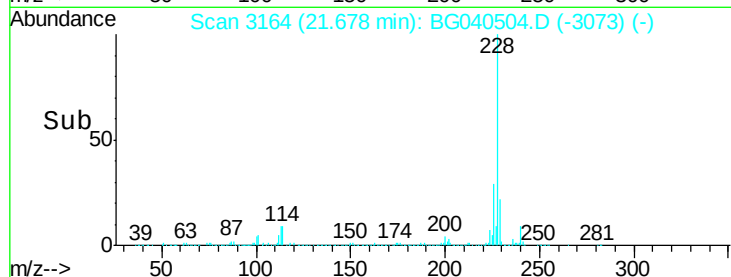
229 21.8 16.1 24.1



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: 29.644 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

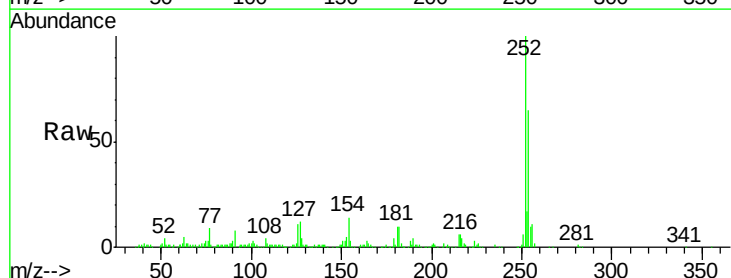
Tgt Ion:252 Resp: 219269

Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.2

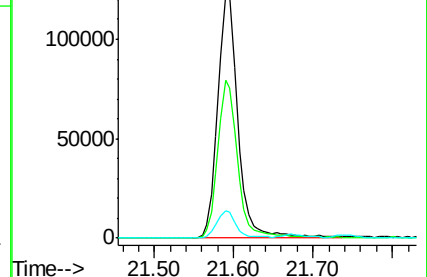
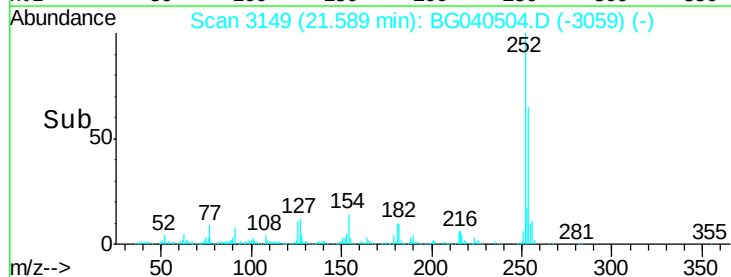
126 11.4 8.5 12.7

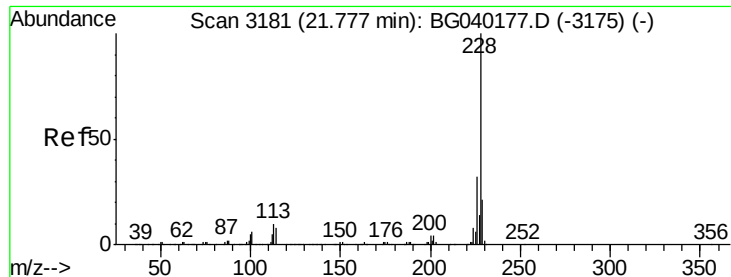


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.891 ng

RT: 21.74 min Scan# 3175

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

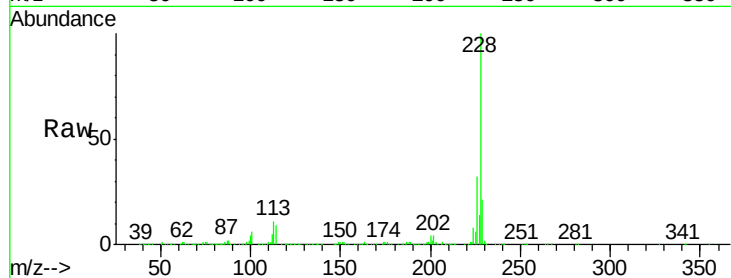
Tgt Ion:228 Resp: 782838

Ion Ratio Lower Upper

228 100

226 32.3 25.4 38.0

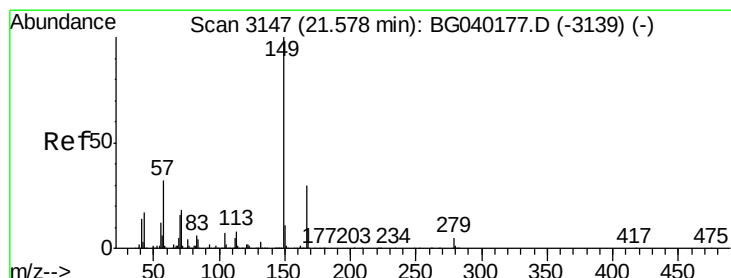
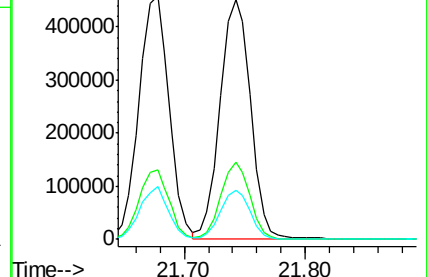
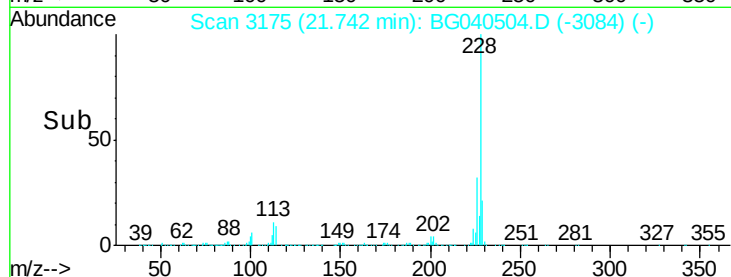
229 20.7 17.0 25.4



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: 45.265 ng

RT: 21.54 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

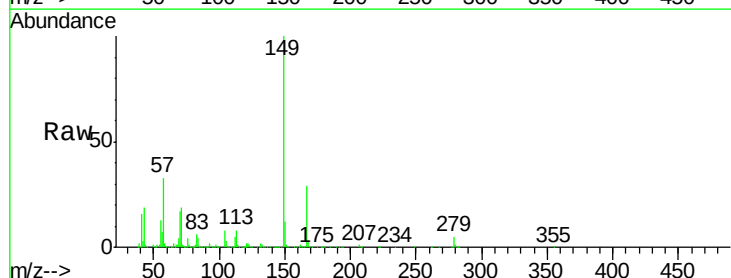
Tgt Ion:149 Resp: 574801

Ion Ratio Lower Upper

149 100

167 29.3 24.1 36.1

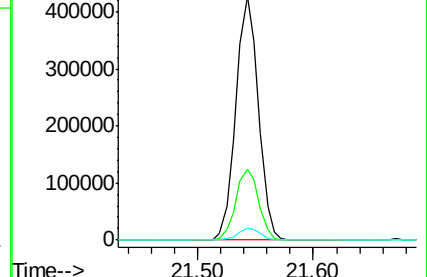
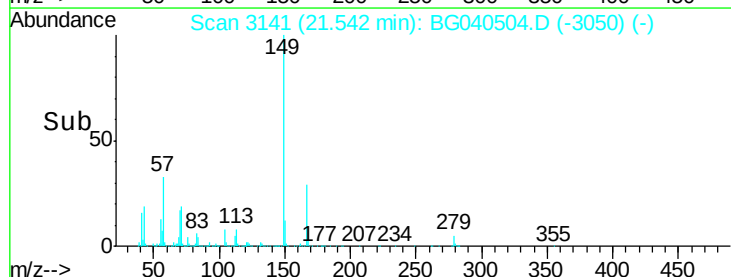
279 4.8 4.1 6.1

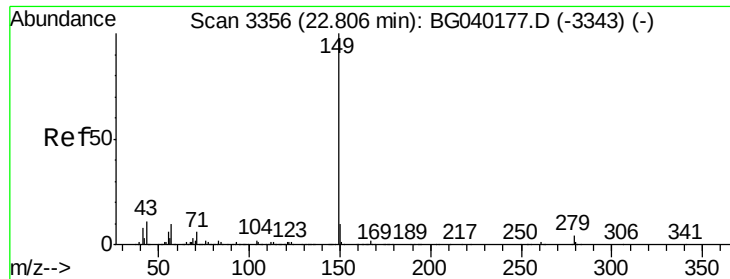


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

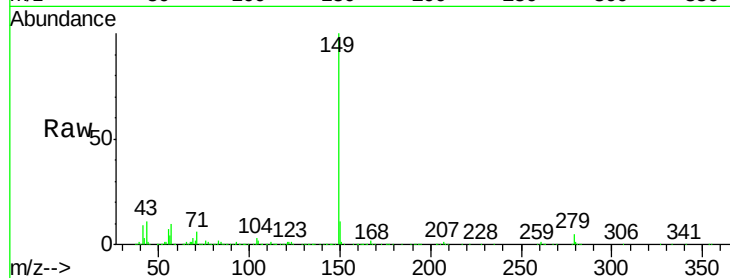




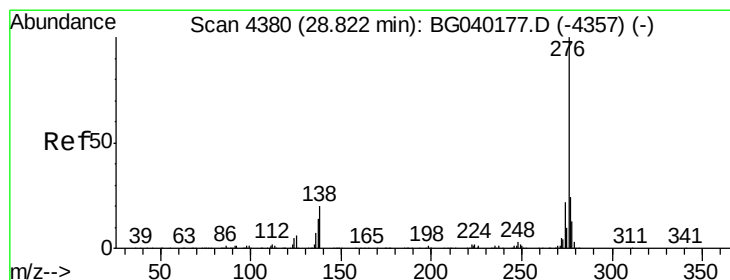
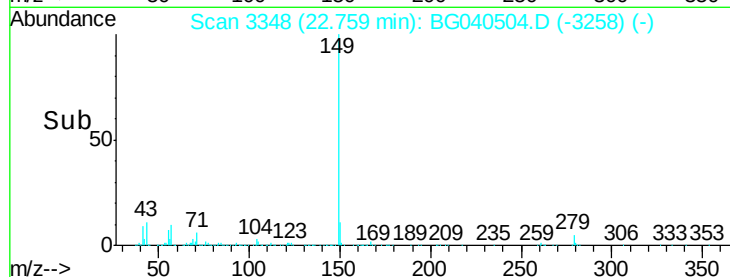
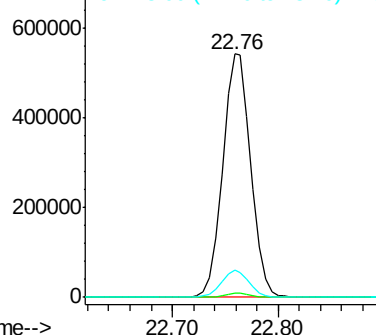
#85  
Di-n-octyl phthalate  
Concen: 46.006 ng  
RT: 22.76 min Scan# 3348  
Delta R.T. -0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

Instrument :  
BNA\_G  
ClientSampleId :  
TP3-AMS

Tgt Ion:149 Resp: 995352  
Ion Ratio Lower Upper  
149 100  
167 1.7 1.4 2.0  
43 10.8 8.7 13.1

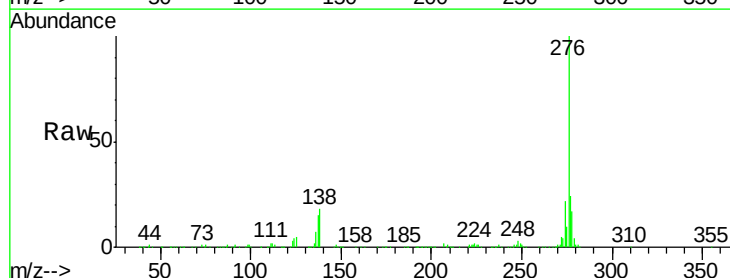


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): B

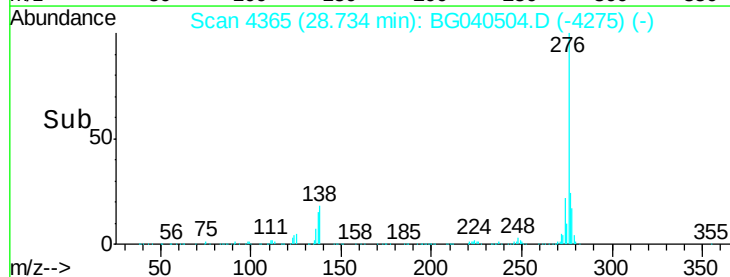
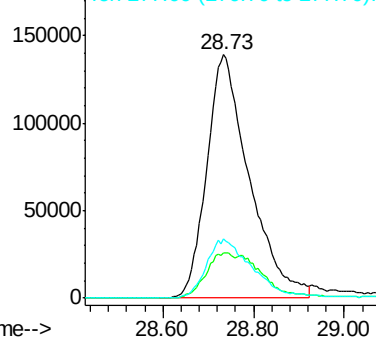


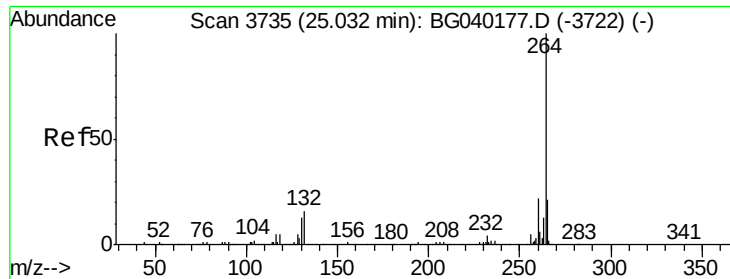
#86  
Indeno(1,2,3-cd)pyrene  
Concen: 39.682 ng  
RT: 28.73 min Scan# 4365  
Delta R.T. -0.00 min  
Lab File: BG040504.D  
Acq: 16 Apr 2019 15:28

Tgt Ion:276 Resp: 906963  
Ion Ratio Lower Upper  
276 100  
138 12.0 18.8 28.2#  
277 25.6 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





#87

Perylene-d12

Concen: 20.000 ng

RT: 24.97 min Scan# 3724

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

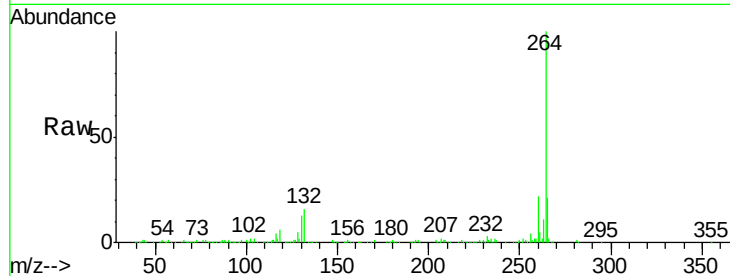
Tgt Ion:264 Resp: 351575

Ion Ratio Lower Upper

264 100

260 21.8 17.9 26.9

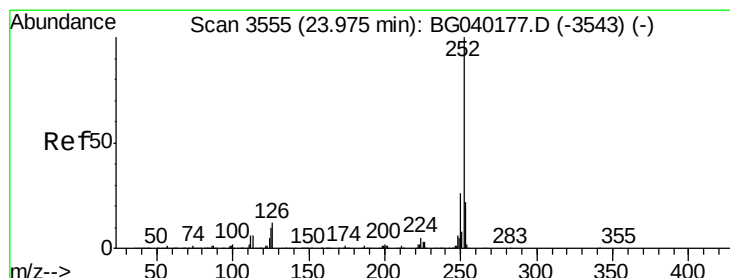
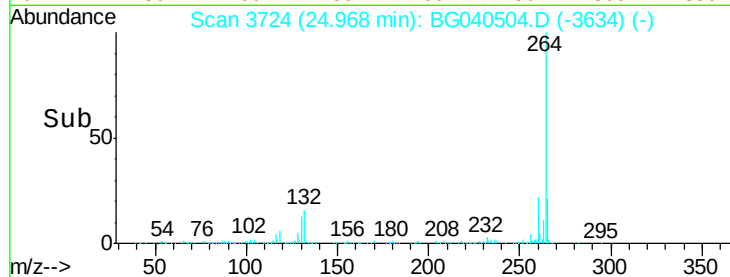
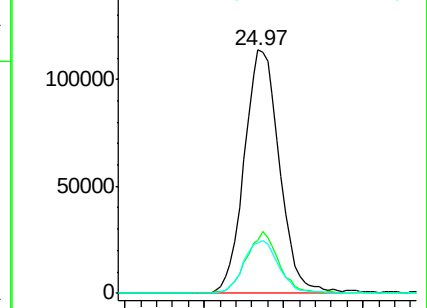
265 20.8 16.8 25.2



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: 38.434 ng

RT: 23.93 min Scan# 3547

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

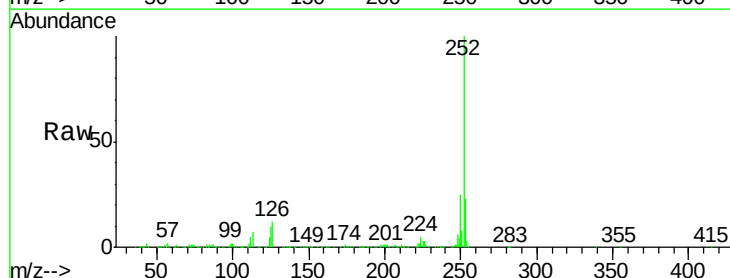
Tgt Ion:252 Resp: 827285

Ion Ratio Lower Upper

252 100

253 23.5 17.6 26.4

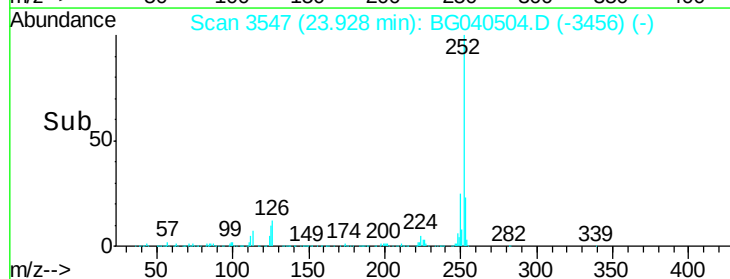
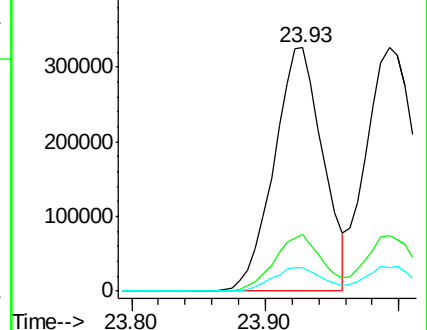
125 9.7 8.2 12.4



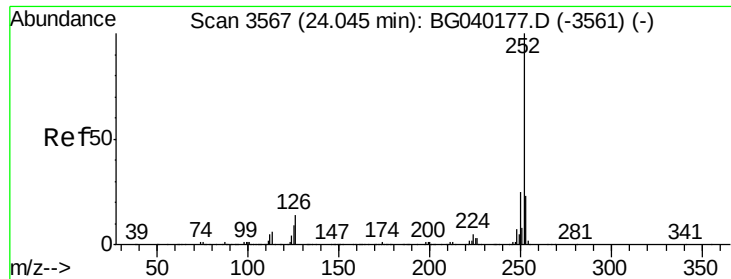
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 41.670 ng

RT: 23.99 min Scan# 3558

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

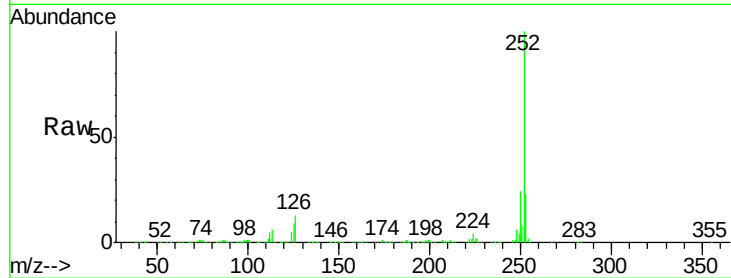
Tgt Ion:252 Resp: 824828

Ion Ratio Lower Upper

252 100

253 22.5 18.6 28.0

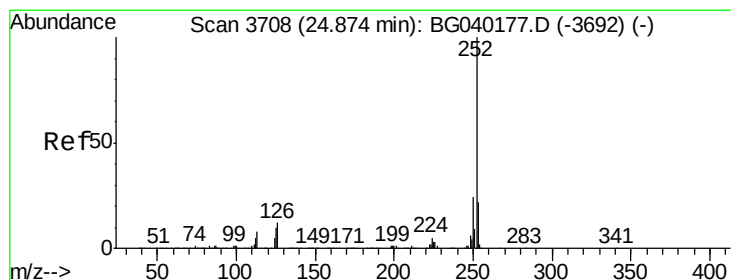
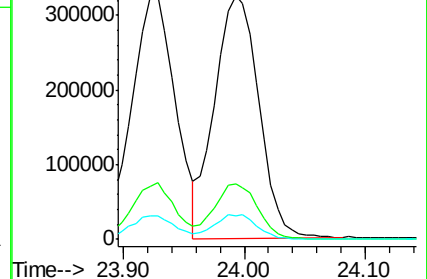
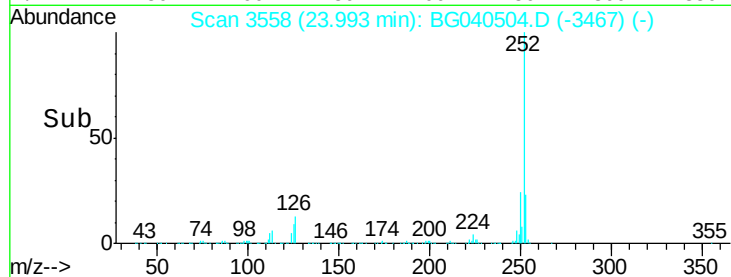
125 9.5 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 40.993 ng

RT: 24.82 min Scan# 3699

Delta R.T. 0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

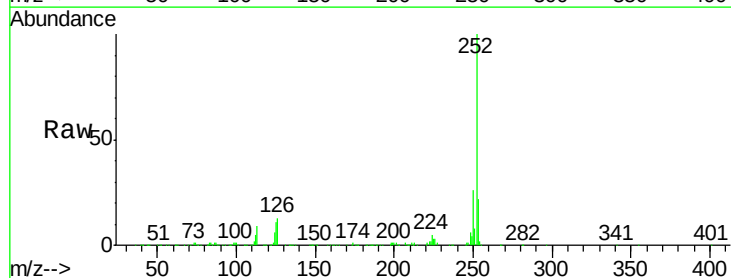
Tgt Ion:252 Resp: 827884

Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.8

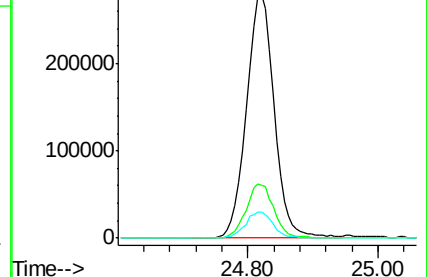
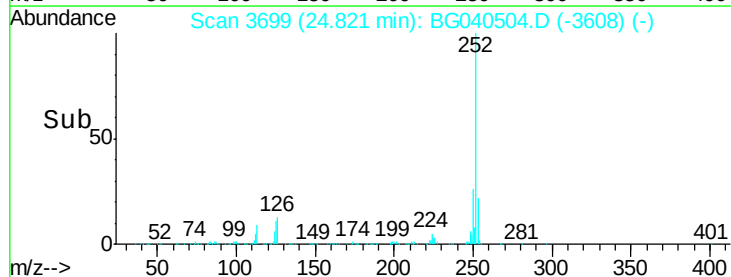
125 10.8 8.3 12.5

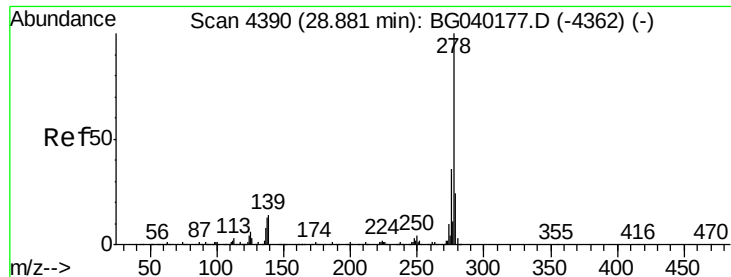


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 39.385 ng

RT: 28.80 min Scan# 4376

Delta R.T. -0.00 min

Lab File: BG040504.D

Acq: 16 Apr 2019 15:28

Instrument :

BNA\_G

ClientSampleId :

TP3-AMS

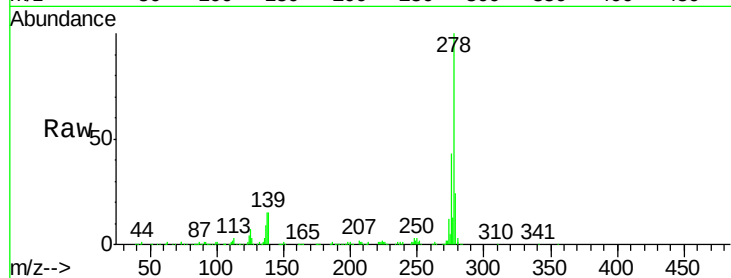
Tgt Ion:278 Resp: 738736

Ion Ratio Lower Upper

278 100

139 14.7 11.2 16.8

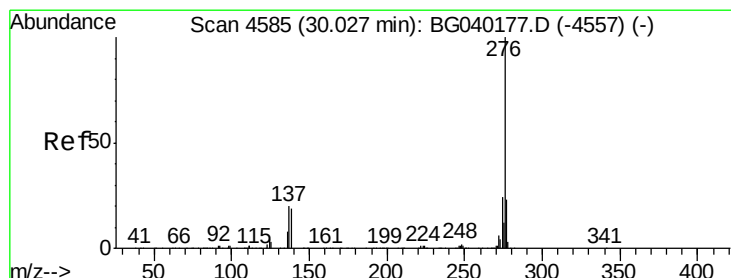
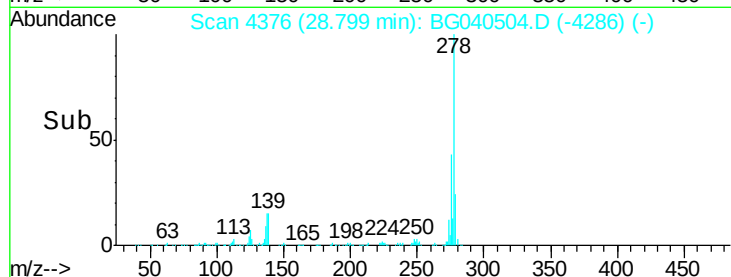
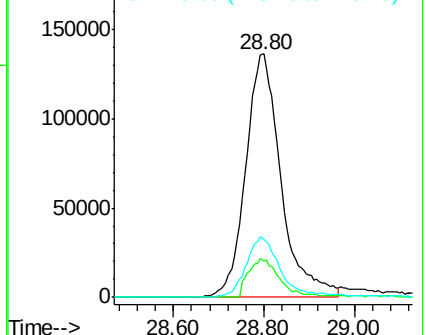
279 23.8 18.9 28.3



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 39.204 ng

RT: 29.92 min Scan# 4567

Delta R.T. 0.01 min

Lab File: BG040504.D

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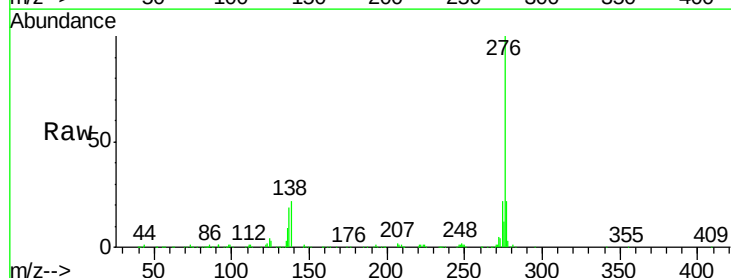
Tgt Ion:276 Resp: 755732

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 21.9 15.2 22.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

