

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_G\DATA\BG040119\  
 Data File : BG040267.D  
 Acq On : 1 Apr 2019 16:18  
 Operator : JU/SJ  
 Sample : PB118426BSD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB118426BSD

Quant Time: Apr 02 02:15:17 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG032719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Mar 28 05:47:00 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.05  | 152  | 49466    | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 10.87 | 136  | 209405   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 14.69 | 164  | 147803   | 20.00 | ng    | -0.02    |
| 64) Phenanthrene-d10      | 17.43 | 188  | 385932   | 20.00 | ng    | -0.02    |
| 76) Chrysene-d12          | 21.71 | 240  | 376113   | 20.00 | ng    | -0.02    |
| 87) Perylene-d12          | 25.04 | 264  | 355142   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |       |
|--------------------------|-------|-----|---------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 410919  | 138.10 | ng | 0.00  |
| 7) Phenol-d6             | 7.21  | 99  | 577522  | 140.44 | ng | -0.02 |
| 23) Nitrobenzene-d5      | 9.23  | 82  | 307624  | 78.08  | ng | -0.02 |
| 42) 2,4,6-Tribromophenol | 16.18 | 330 | 250700  | 156.95 | ng | -0.01 |
| 45) 2-Fluorobiphenyl     | 13.31 | 172 | 747977  | 74.99  | ng | -0.02 |
| 79) Terphenyl-d14        | 20.03 | 244 | 1304427 | 78.02  | ng | -0.02 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.50  | 88  | 64904  | 46.388 | ng | 97     |
| 3) Pyridine                    | 3.90  | 79  | 141561 | 37.578 | ng | 99     |
| 4) n-Nitrosodimethylamine      | 3.82  | 42  | 63328  | 36.342 | ng | # 89   |
| 6) Aniline                     | 7.38  | 93  | 153801 | 28.787 | ng | 97     |
| 8) 2-Chlorophenol              | 7.62  | 128 | 150348 | 43.164 | ng | 94     |
| 9) Benzaldehyde                | 7.20  | 77  | 44450  | 15.758 | ng | 97     |
| 10) Phenol                     | 7.24  | 94  | 202417 | 45.349 | ng | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.47  | 93  | 137911 | 38.576 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.94  | 146 | 145458 | 38.416 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 8.09  | 146 | 148370 | 39.343 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.41  | 146 | 142529 | 39.521 | ng | 99     |
| 15) Benzyl Alcohol             | 8.29  | 79  | 133005 | 40.161 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45  | 256781 | 37.425 | ng | 99     |
| 17) 2-Methylphenol             | 8.49  | 107 | 139619 | 45.204 | ng | 96     |
| 18) Hexachloroethane           | 9.13  | 117 | 55981  | 39.025 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 8.85  | 70  | 110473 | 37.469 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.82  | 107 | 188852 | 45.134 | ng | 96     |
| 22) Acetophenone               | 8.88  | 105 | 223161 | 42.722 | ng | # 96   |
| 24) Nitrobenzene               | 9.28  | 77  | 166052 | 40.703 | ng | 98     |
| 25) Isophorone                 | 9.79  | 82  | 327899 | 40.451 | ng | 99     |
| 26) 2-Nitrophenol              | 9.98  | 139 | 83130  | 43.004 | ng | 98     |
| 27) 2,4-Dimethylphenol         | 10.03 | 122 | 157426 | 51.269 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 10.27 | 93  | 200215 | 41.748 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.51 | 162 | 161003 | 48.307 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.73 | 180 | 154431 | 42.198 | ng | 99     |
| 31) Naphthalene                | 10.92 | 128 | 461428 | 42.989 | ng | 98     |
| 32) Benzoic acid               | 10.15 | 122 | 32852  | 17.708 | ng | 91     |
| 33) 4-Chloroaniline            | 11.03 | 127 | 115879 | 25.310 | ng | 99     |
| 34) Hexachlorobutadiene        | 11.18 | 225 | 94710  | 40.465 | ng | 94     |
| 35) Caprolactam                | 11.82 | 113 | 29668  | 22.431 | ng | 91     |
| 36) 4-Chloro-3-methylphenol    | 12.14 | 107 | 186776 | 48.747 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.52 | 142 | 358197 | 45.122 | ng | 100    |
| 38) 1-Methylnaphthalene        | 12.74 | 142 | 343746 | 44.655 | ng | 98     |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.88 | 216 | 183304 | 39.020 | ng | 99     |

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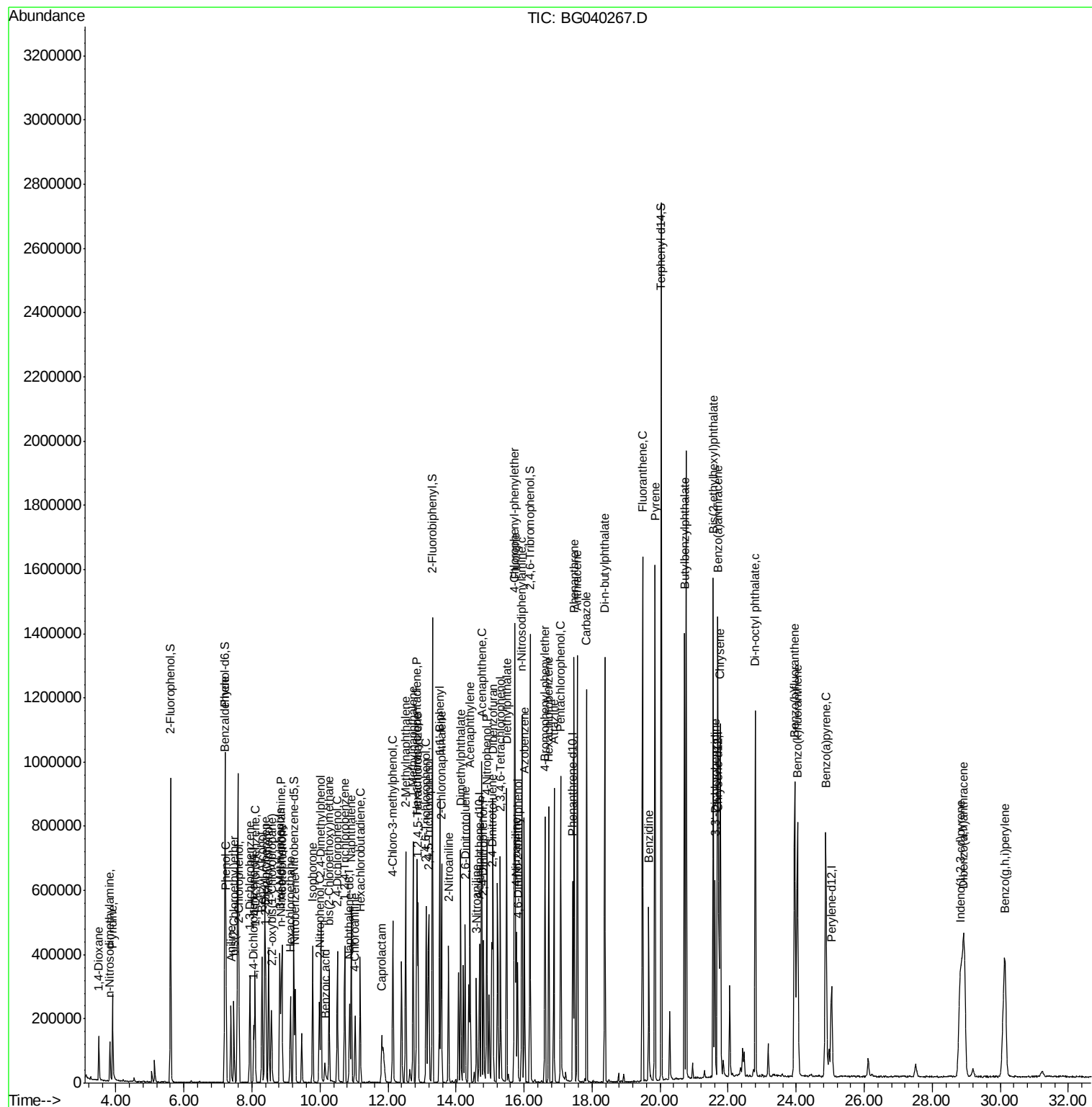
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.85 | 237  | 213704   | 82.851 | ng    | 96       |
| 43) 2,4,6-Trichlorophenol      | 13.12 | 196  | 136758   | 45.153 | ng    | 98       |
| 44) 2,4,5-Trichlorophenol      | 13.19 | 196  | 147103   | 44.560 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.52 | 154  | 467324   | 40.016 | ng    | 99       |
| 47) 2-Chloronaphthalene        | 13.57 | 162  | 367956   | 41.076 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.78 | 65   | 126864   | 41.985 | ng    | 99       |
| 49) Acenaphthylene             | 14.41 | 152  | 621227   | 40.902 | ng    | 99       |
| 50) Dimethylphthalate          | 14.13 | 163  | 488039   | 42.190 | ng    | 100      |
| 51) 2,6-Dinitrotoluene         | 14.27 | 165  | 112064   | 43.145 | ng    | 93       |
| 52) Acenaphthene               | 14.75 | 154  | 367770   | 42.258 | ng    | 98       |
| 53) 3-Nitroaniline             | 14.60 | 138  | 87610    | 31.865 | ng    | 95       |
| 54) 2,4-Dinitrophenol          | 14.81 | 184  | 111988   | 81.073 | ng    | 86       |
| 55) Dibenzofuran               | 15.08 | 168  | 606690   | 43.383 | ng    | 100      |
| 56) 4-Nitrophenol              | 14.90 | 139  | 206168   | 92.911 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 15.05 | 165  | 160563   | 44.489 | ng    | 99       |
| 58) Fluorene                   | 15.73 | 166  | 479144   | 43.579 | ng    | 97       |
| 59) 2,3,4,6-Tetrachlorophenol  | 15.30 | 232  | 150666   | 50.294 | ng    | 98       |
| 60) Diethylphthalate           | 15.49 | 149  | 518040   | 43.764 | ng    | 99       |
| 61) 4-Chlorophenyl-phenylether | 15.72 | 204  | 259317   | 44.123 | ng    | 97       |
| 62) 4-Nitroaniline             | 15.77 | 138  | 134217   | 45.489 | ng    | 98       |
| 63) Azobenzene                 | 16.01 | 77   | 481046   | 43.083 | ng    | 99       |
| 65) 4,6-Dinitro-2-methylphenol | 15.81 | 198  | 92279    | 42.560 | ng    | 96       |
| 66) n-Nitrosodiphenylamine     | 15.94 | 169  | 456855   | 40.453 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.61 | 248  | 178140   | 41.017 | ng    | 98       |
| 68) Hexachlorobenzene          | 16.73 | 284  | 181036   | 41.458 | ng    | 97       |
| 69) Atrazine                   | 16.88 | 200  | 173323   | 41.257 | ng    | 98       |
| 70) Pentachlorophenol          | 17.07 | 266  | 206765   | 81.900 | ng    | 93       |
| 71) Phenanthrene               | 17.47 | 178  | 856362   | 42.216 | ng    | 99       |
| 72) Anthracene                 | 17.57 | 178  | 876898   | 43.189 | ng    | 99       |
| 73) Carbazole                  | 17.84 | 167  | 801382   | 41.705 | ng    | 100      |
| 74) Di-n-butylphthalate        | 18.37 | 149  | 941278   | 41.326 | ng    | 100      |
| 75) Fluoranthene               | 19.48 | 202  | 1014085  | 42.218 | ng    | 100      |
| 77) Benzidine                  | 19.67 | 184  | 344119   | 25.337 | ng    | 97       |
| 78) Pyrene                     | 19.85 | 202  | 1029410  | 41.620 | ng    | 99       |
| 80) Butylbenzylphthalate       | 20.72 | 149  | 432264   | 40.842 | ng    | 96       |
| 81) Benzo(a)anthracene         | 21.69 | 228  | 931184   | 40.195 | ng    | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.61 | 252  | 227139   | 25.774 | ng    | 97       |
| 83) Chrysene                   | 21.77 | 228  | 919799   | 41.312 | ng    | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.56 | 149  | 612400   | 40.478 | ng    | 100      |
| 85) Di-n-octyl phthalate       | 22.80 | 149  | 1033256  | 40.085 | ng    | 99       |
| 86) Indeno(1,2,3-cd)pyrene     | 28.83 | 276  | 1110175  | 40.769 | ng    | # 85     |
| 88) Benzo(b)fluoranthene       | 23.95 | 252  | 973814   | 44.787 | ng    | 99       |
| 89) Benzo(k)fluoranthene       | 24.03 | 252  | 944774   | 47.250 | ng    | 98       |
| 90) Benzo(a)pyrene             | 24.87 | 252  | 950976   | 46.615 | ng    | 99       |
| 91) Dibenzo(a,h)anthracene     | 28.92 | 278  | 904726   | 47.750 | ng    | 98       |
| 92) Benzo(g,h,i)perylene       | 30.13 | 276  | 915695   | 47.026 | ng    | 98       |

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

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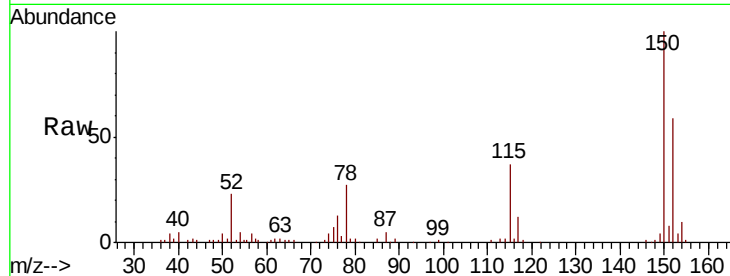


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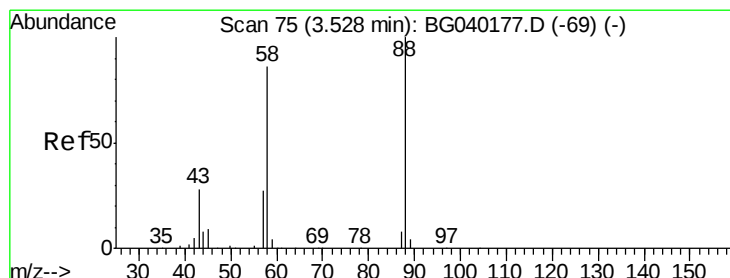
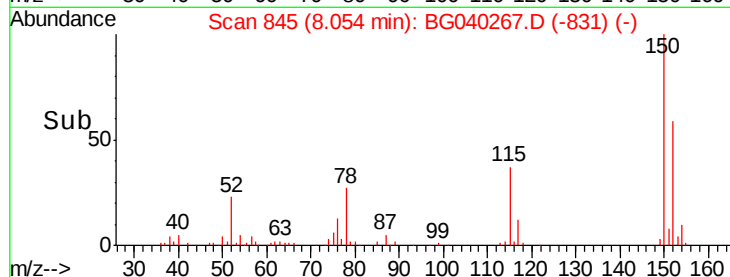
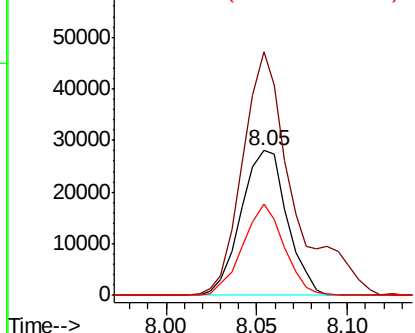
1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.05 min Scan# 845  
 Delta R.T. -0.02 min  
 Lab File: BG040267.D  
 Acq: 1 Apr 2019 16:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB118426BSD

Tgt Ion:152 Resp: 49466  
 Ion Ratio Lower Upper  
 152 100  
 150 168.4 123.7 185.5  
 115 62.9 46.9 70.3



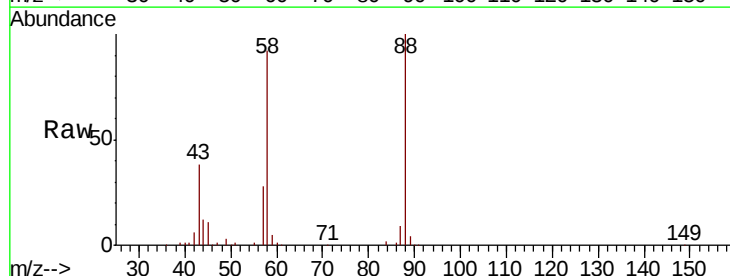
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



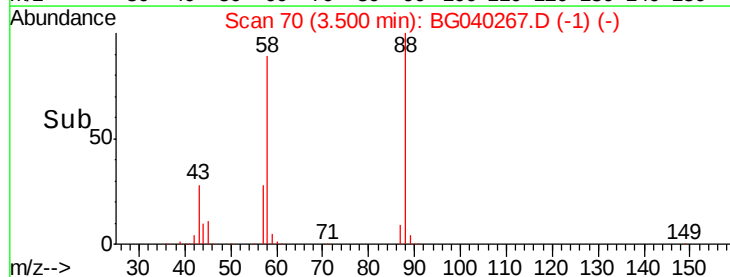
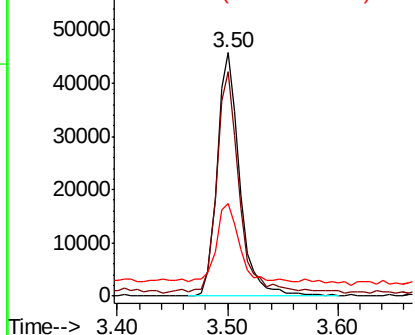
#2

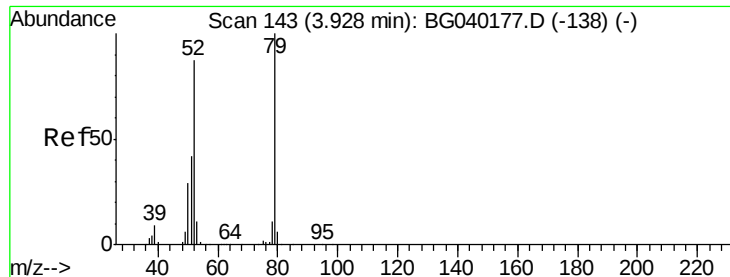
1,4-Dioxane  
 Concen: 46.388 ng  
 RT: 3.50 min Scan# 70  
 Delta R.T. -0.03 min  
 Lab File: BG040267.D  
 Acq: 1 Apr 2019 16:18

Tgt Ion: 88 Resp: 64904  
 Ion Ratio Lower Upper  
 88 100  
 58 91.3 70.6 106.0  
 43 31.8 24.8 37.2



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





#3

Pyridine

Concen: 37.578 ng

RT: 3.90 min Scan# 138

Delta R.T. -0.03 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

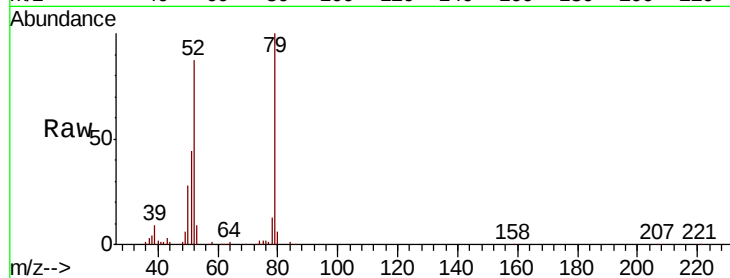
Tgt Ion: 79 Resp: 141561

Ion Ratio Lower Upper

79 100

52 86.6 69.8 104.8

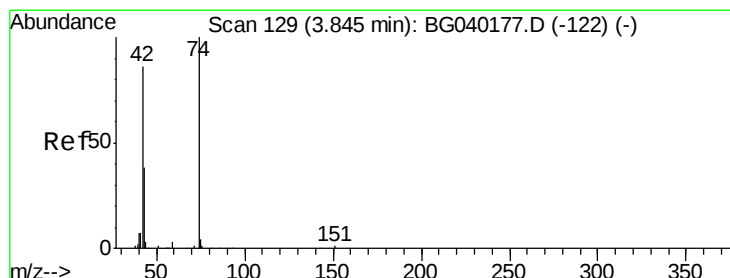
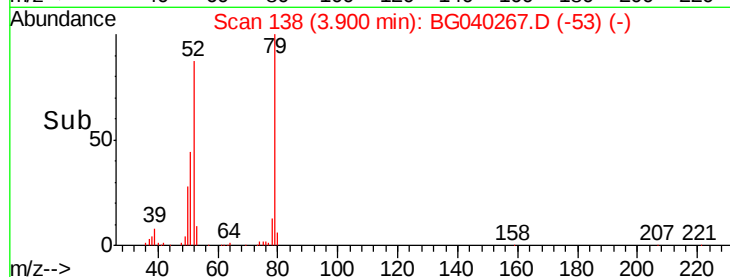
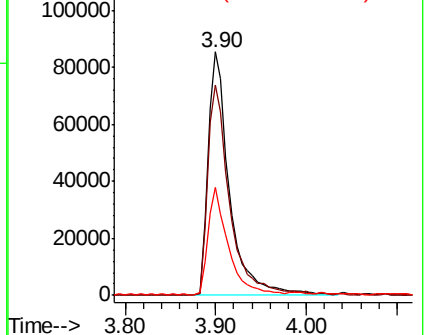
51 44.4 33.9 50.9



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 36.342 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

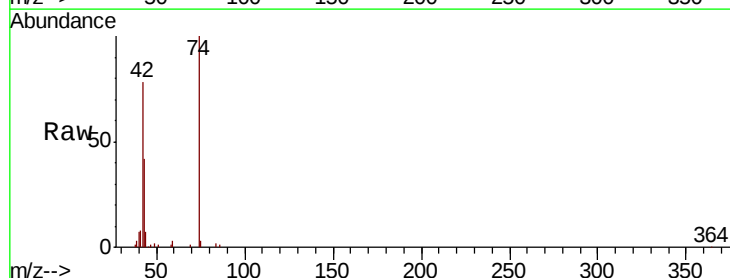
Tgt Ion: 42 Resp: 63328

Ion Ratio Lower Upper

42 100

74 128.1 92.9 139.3

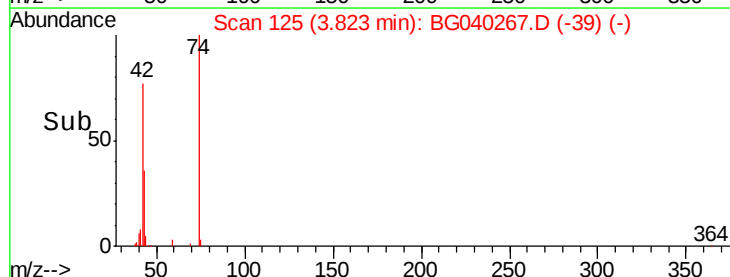
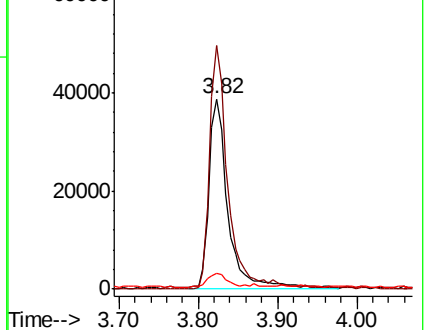
44 8.3 9.7 14.5#



Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 138.098 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

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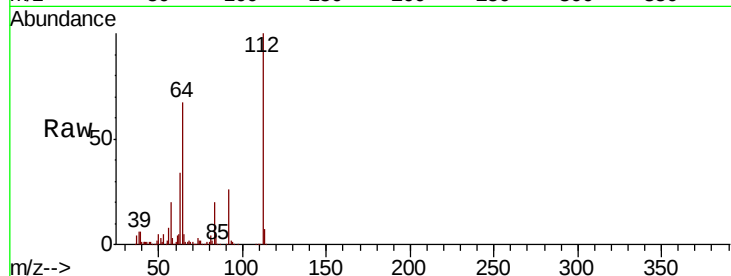
Tgt Ion: 112 Resp: 410919

Ion Ratio Lower Upper

112 100

64 67.2 54.2 81.2

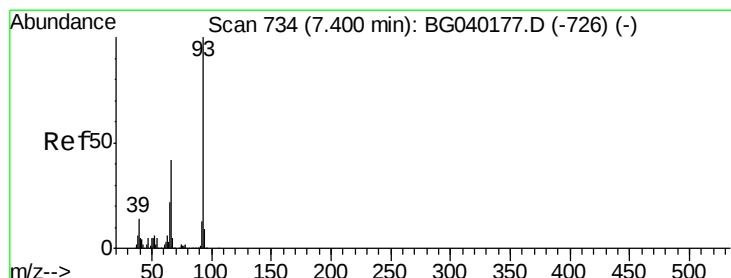
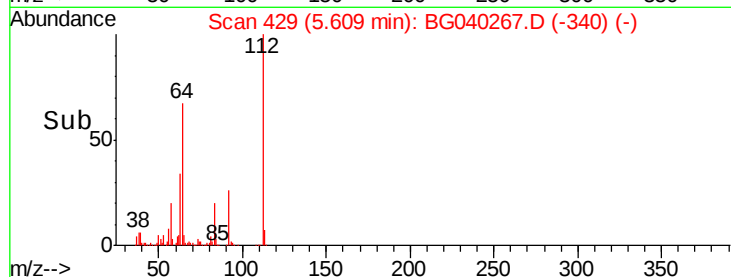
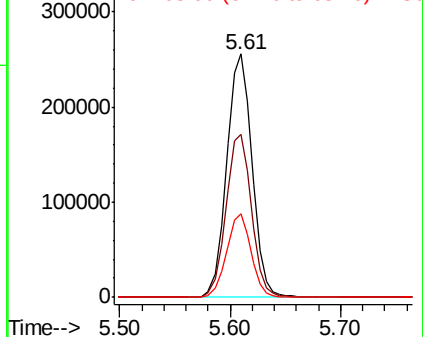
63 34.3 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 28.787 ng

RT: 7.38 min Scan# 731

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

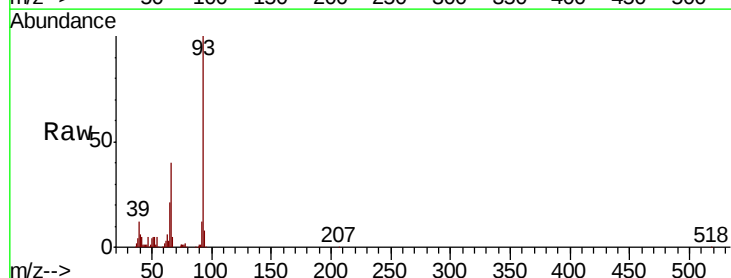
Tgt Ion: 93 Resp: 153801

Ion Ratio Lower Upper

93 100

66 39.9 33.6 50.4

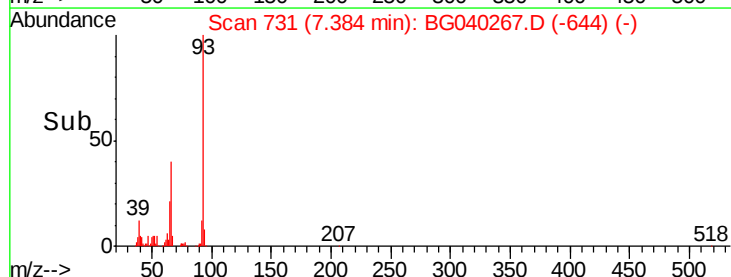
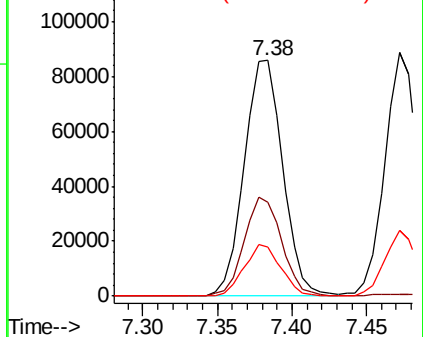
65 20.6 17.4 26.2

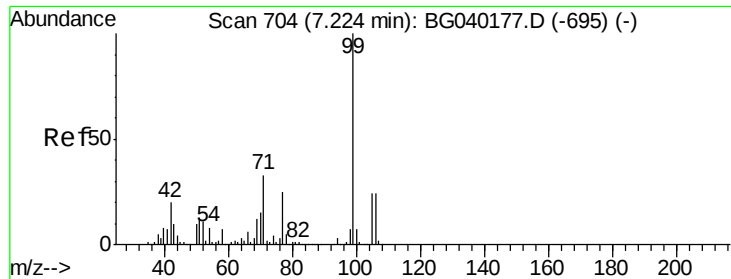


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 140.439 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

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ClientSampleId :

PB118426BSD

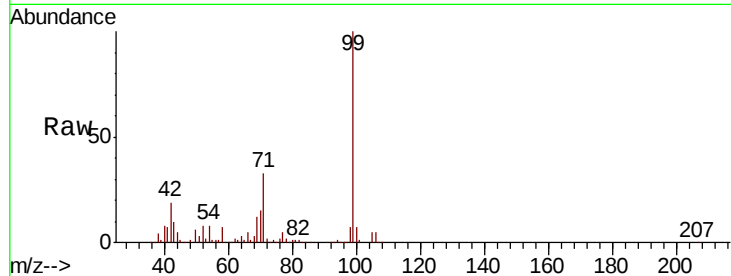
Tgt Ion: 99 Resp: 577522

Ion Ratio Lower Upper

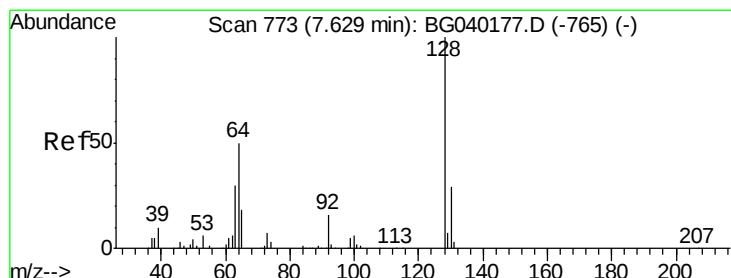
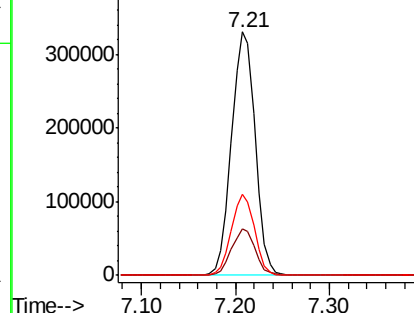
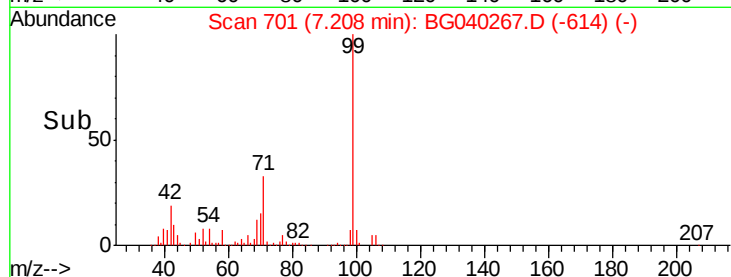
99 100

42 18.9 16.2 24.2

71 33.5 26.8 40.2



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



#8

2-Chlorophenol

Concen: 43.164 ng

RT: 7.62 min Scan# 771

Delta R.T. -0.01 min

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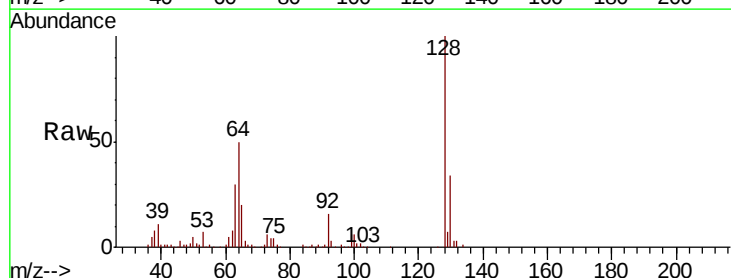
Tgt Ion: 128 Resp: 150348

Ion Ratio Lower Upper

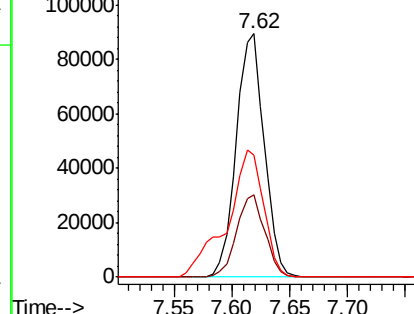
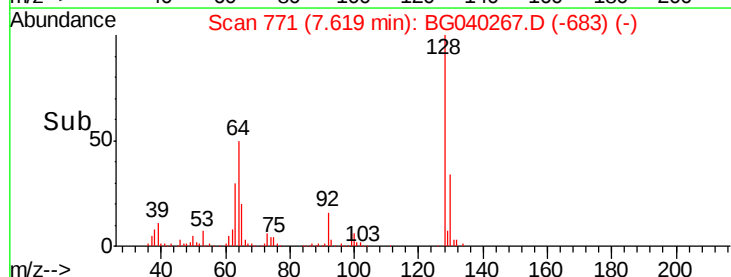
128 100

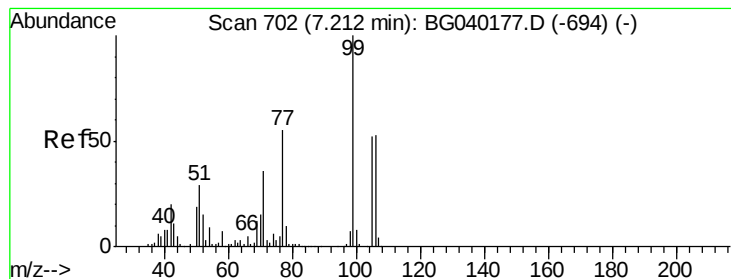
130 33.7 9.1 49.1

64 50.1 33.1 73.1



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





#9

Benzaldehyde

Concen: 15.758 ng

RT: 7.20 min Scan# 699

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

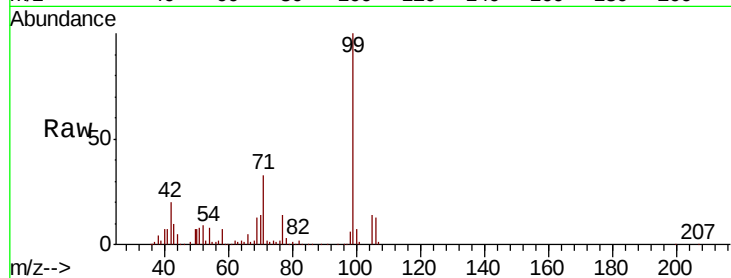
Tgt Ion: 77 Resp: 44450

Ion Ratio Lower Upper

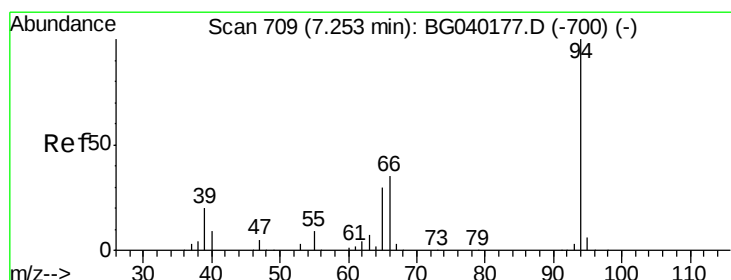
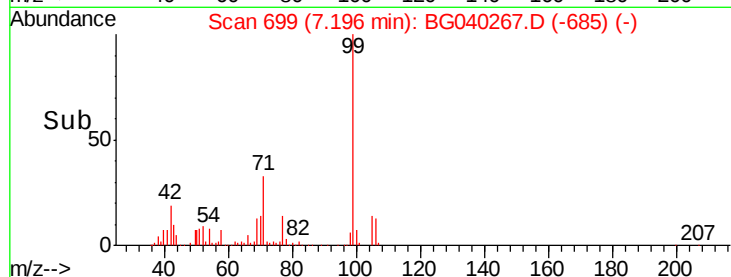
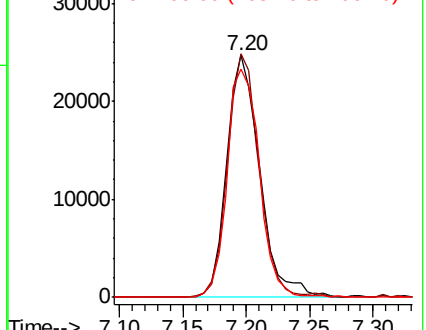
77 100

105 100.6 75.0 115.0

106 94.6 75.7 115.7



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



#10

Phenol

Concen: 45.349 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

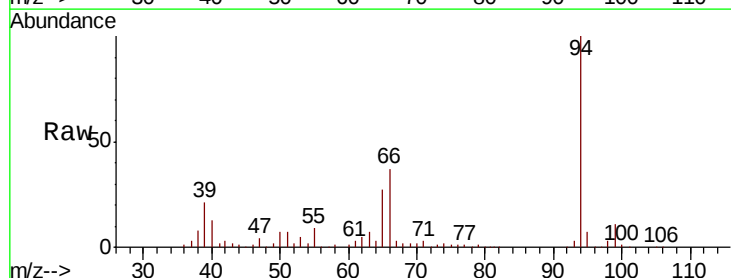
Tgt Ion: 94 Resp: 202417

Ion Ratio Lower Upper

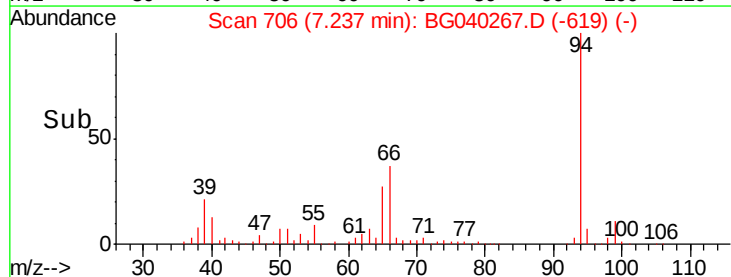
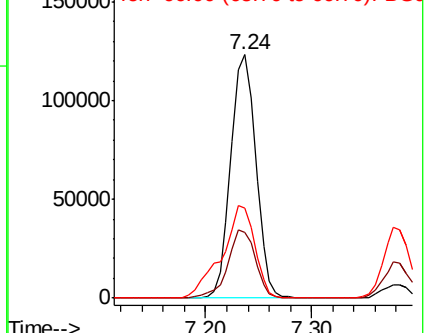
94 100

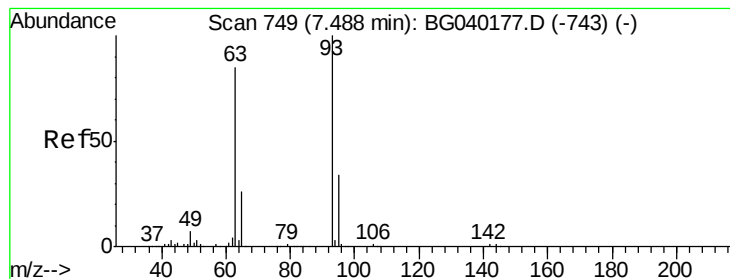
65 26.8 10.5 50.5

66 37.2 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: 38.576 ng

RT: 7.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

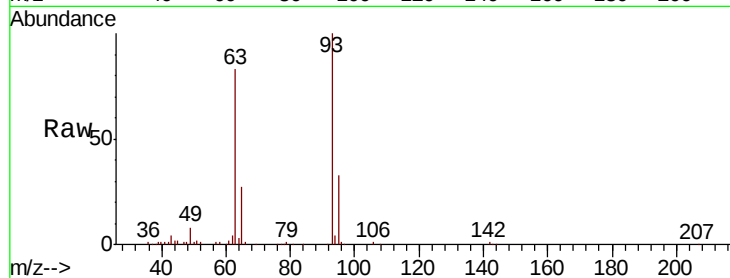
Tgt Ion: 93 Resp: 137911

Ion Ratio Lower Upper

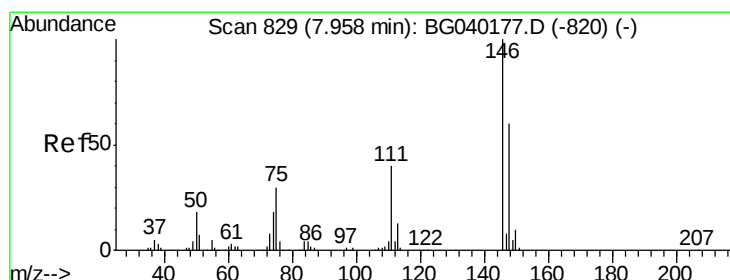
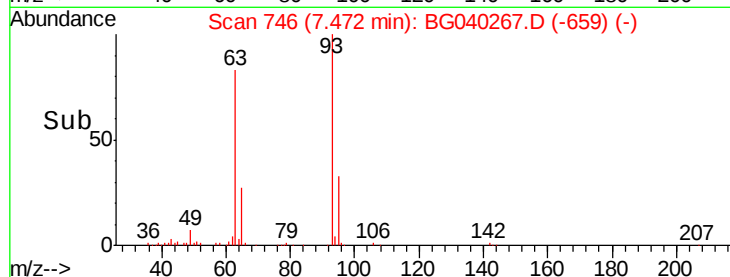
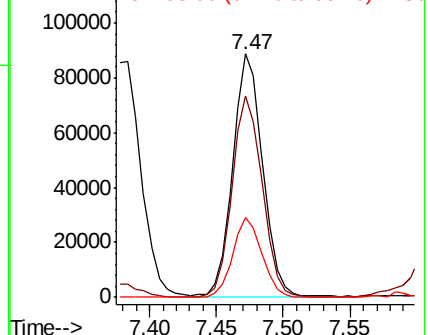
93 100

63 82.8 64.2 104.2

95 32.9 14.0 54.0



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



#12

1,3-Dichlorobenzene

Concen: 38.416 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

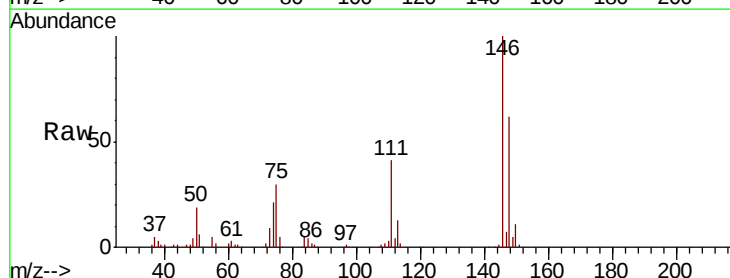
Tgt Ion: 146 Resp: 145458

Ion Ratio Lower Upper

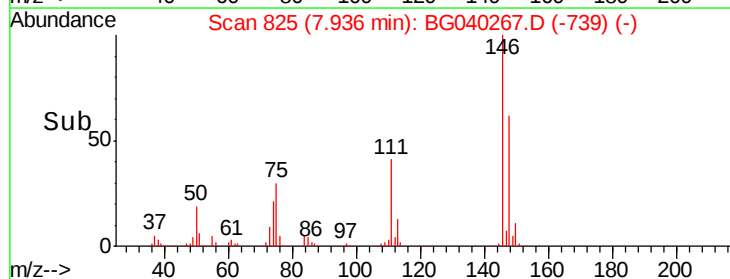
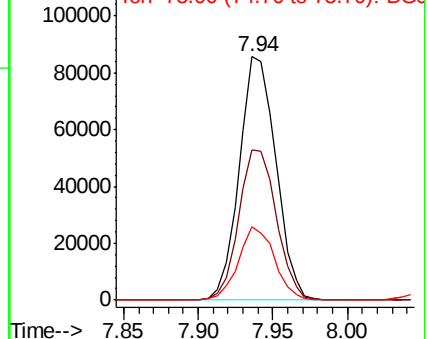
146 100

148 61.5 48.2 72.2

75 30.0 24.1 36.1



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





#13

1,4-Dichlorobenzene

Concen: 39.343 ng

RT: 8.09 min Scan# 851

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

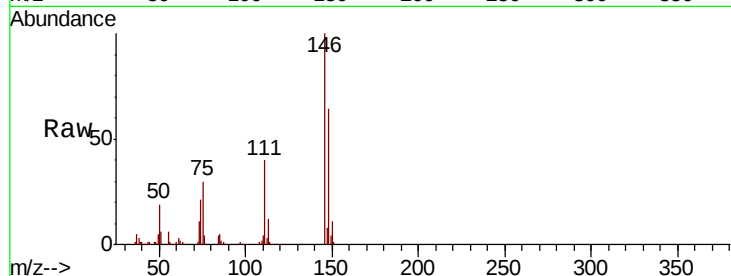
Tgt Ion:146 Resp: 148370

Ion Ratio Lower Upper

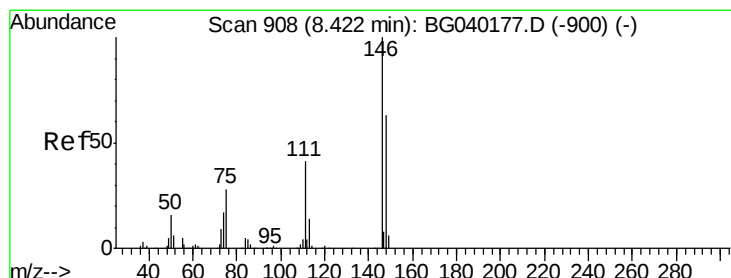
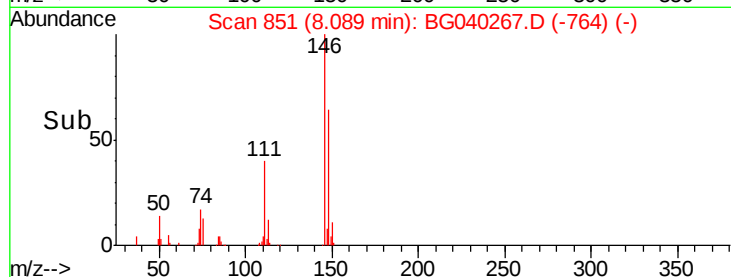
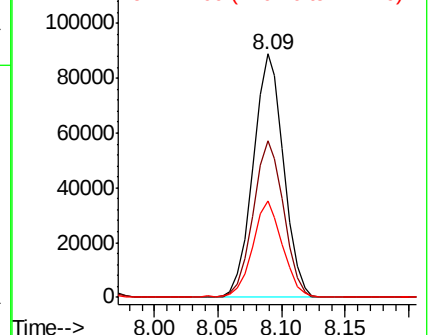
146 100

148 64.3 51.0 76.4

111 39.7 31.8 47.6



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



#14

1,2-Dichlorobenzene

Concen: 39.521 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

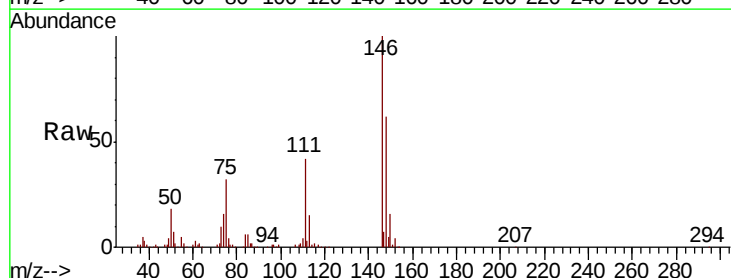
Tgt Ion:146 Resp: 142529

Ion Ratio Lower Upper

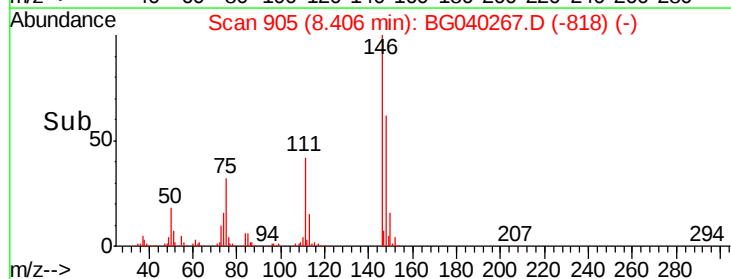
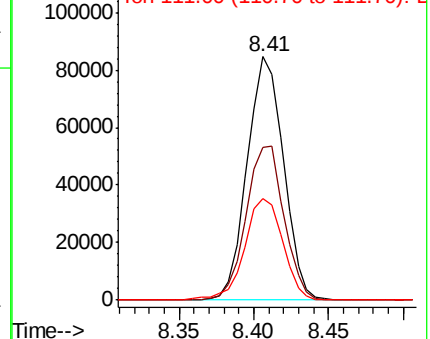
146 100

148 62.5 50.8 76.2

111 41.9 33.4 50.0



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





#15

Benzyl Alcohol

Concen: 40.161 ng

RT: 8.29 min Scan# 886

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

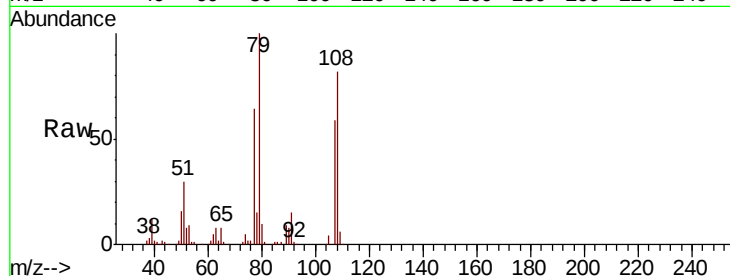
Tgt Ion: 79 Resp: 133005

Ion Ratio Lower Upper

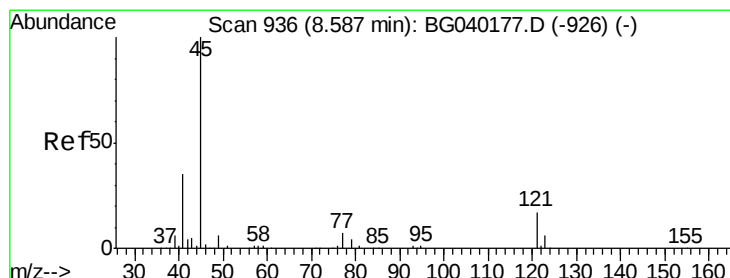
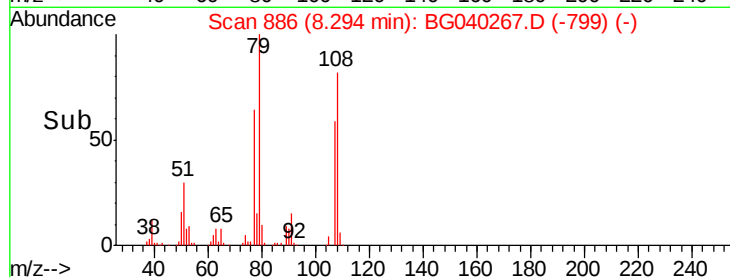
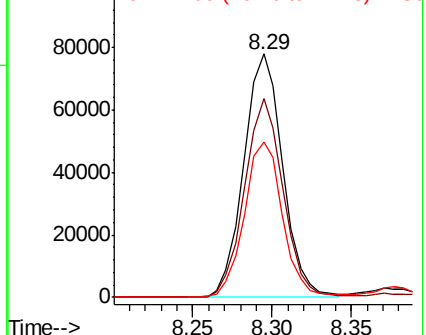
79 100

108 81.9 62.1 93.1

77 63.9 51.9 77.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.425 ng

RT: 8.57 min Scan# 933

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

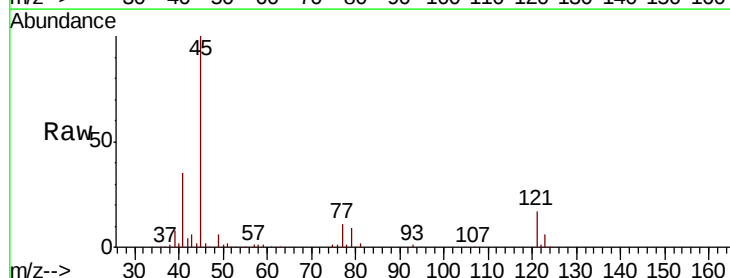
Tgt Ion: 45 Resp: 256781

Ion Ratio Lower Upper

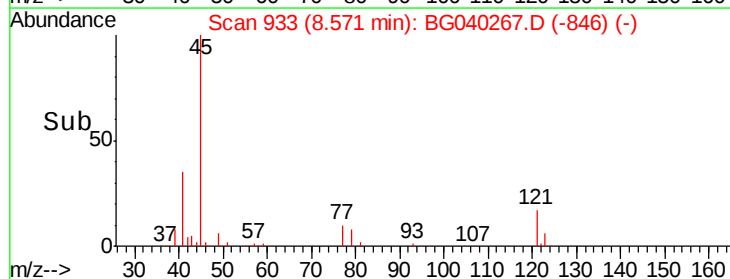
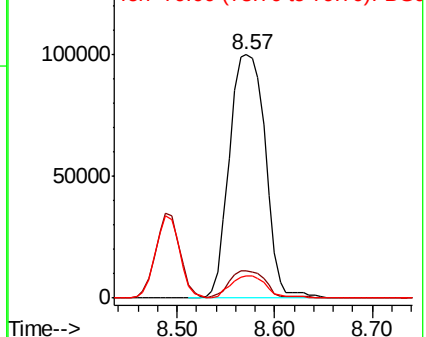
45 100

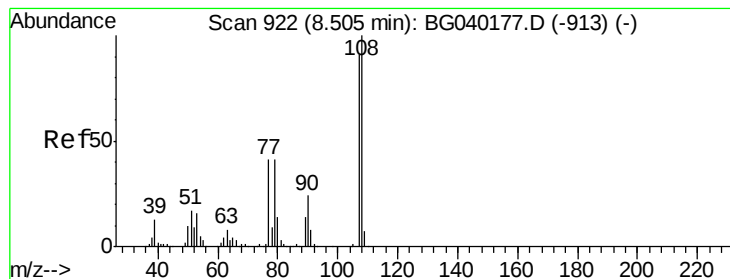
77 11.3 0.0 31.4

79 9.0 0.0 28.3



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





#17

2-Methylphenol

Concen: 45.204 ng

RT: 8.49 min Scan# 920

Delta R.T. -0.01 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

Tgt Ion:107 Resp: 139619

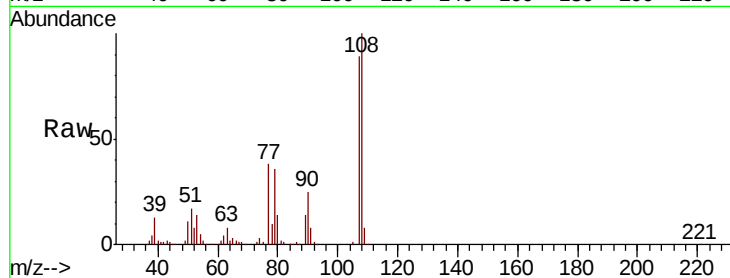
Ion Ratio Lower Upper

107 100

108 111.8 88.2 132.4

77 42.6 36.6 55.0

79 40.3 36.5 54.7

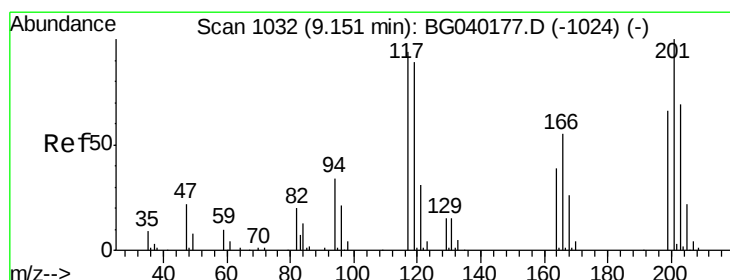
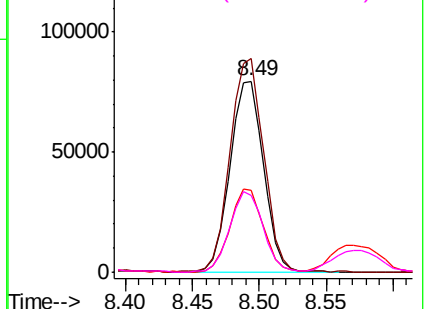
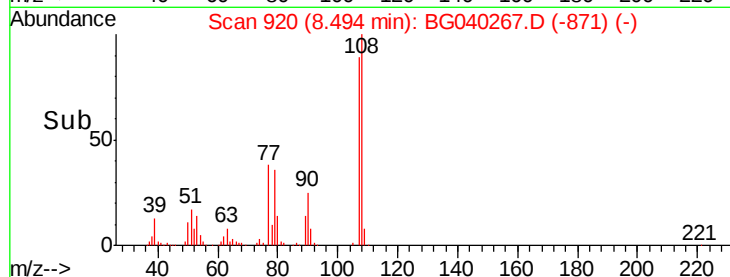


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.025 ng

RT: 9.13 min Scan# 1029

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

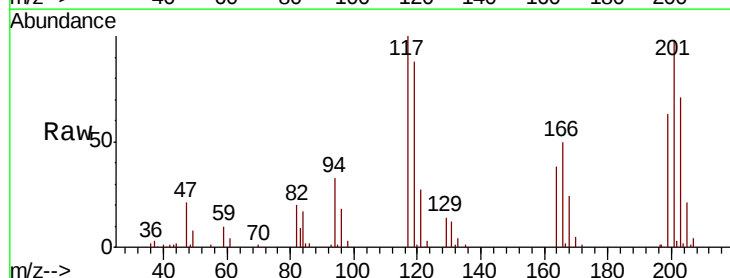
Tgt Ion:117 Resp: 55981

Ion Ratio Lower Upper

117 100

119 88.0 76.6 115.0

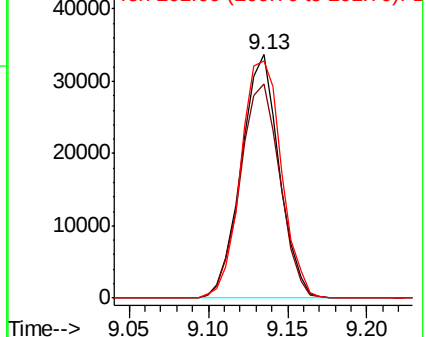
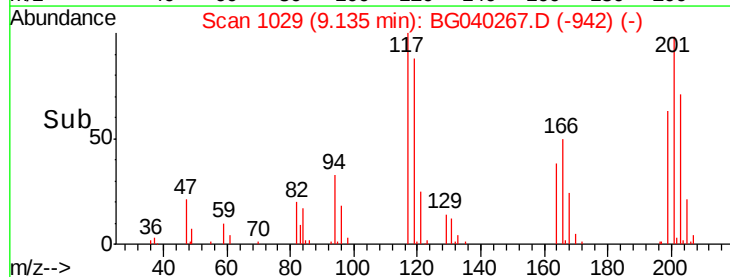
201 97.7 85.0 127.4

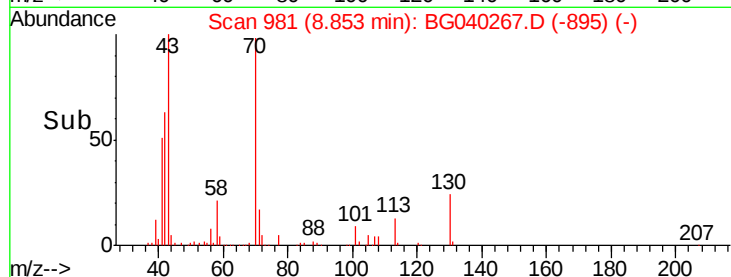
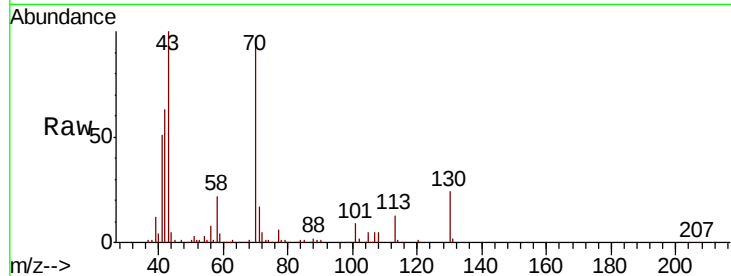
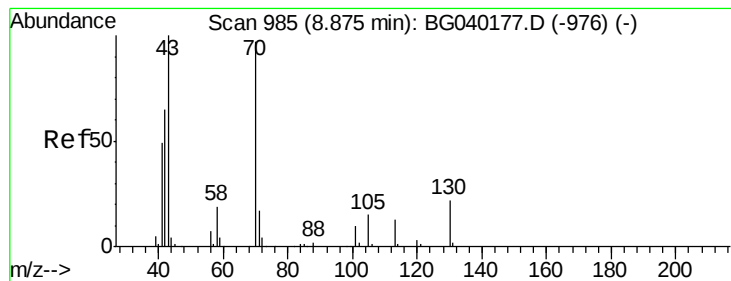


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.469 ng

RT: 8.85 min Scan# 981

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

Tgt Ion: 70 Resp: 110473

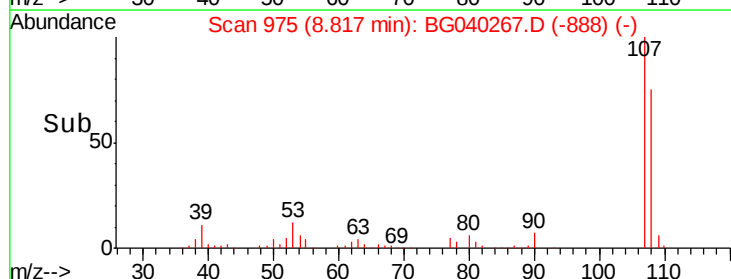
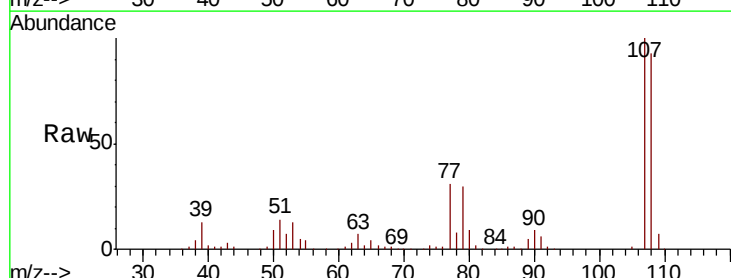
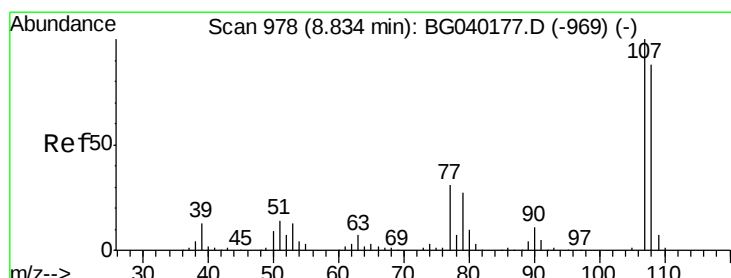
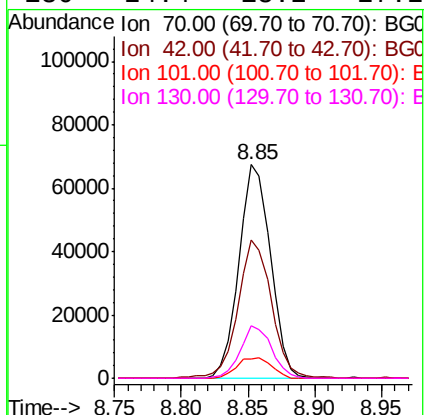
Ion Ratio Lower Upper

70 100

42 64.8 54.0 81.0

101 9.3 8.6 13.0

130 24.4 18.2 27.2



#20

3+4-Methylphenols

Concen: 45.134 ng

RT: 8.82 min Scan# 975

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Tgt Ion: 107 Resp: 188852

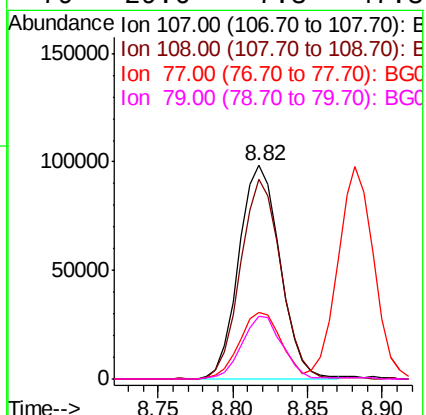
Ion Ratio Lower Upper

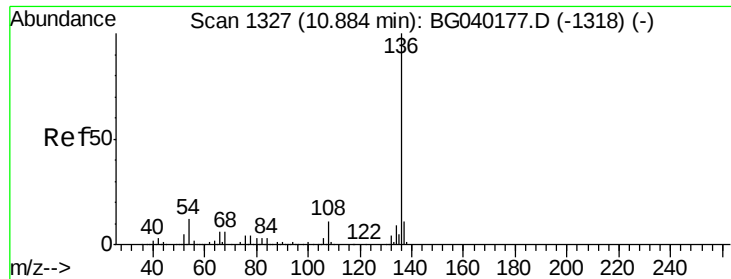
107 100

108 93.4 68.3 108.3

77 31.4 11.3 51.3

79 29.6 7.3 47.3

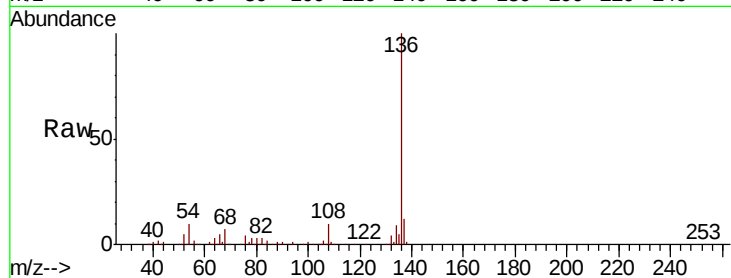




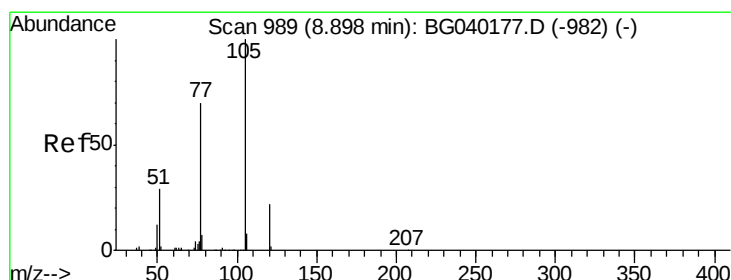
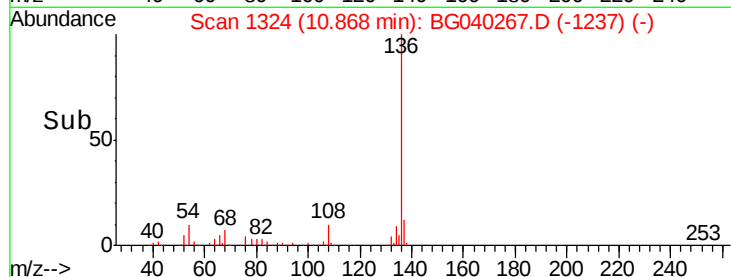
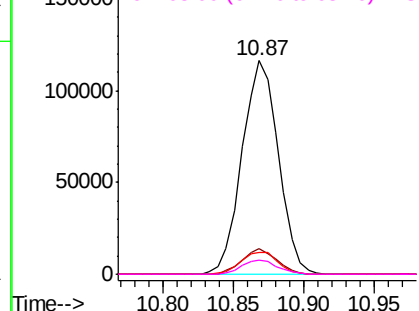
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.87 min Scan# 1324  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB118426BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 209405 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.9  | 8.9   | 13.3   |
| 54       | 10.3  | 9.6   | 14.4   |
| 68       | 6.6   | 5.1   | 7.7    |

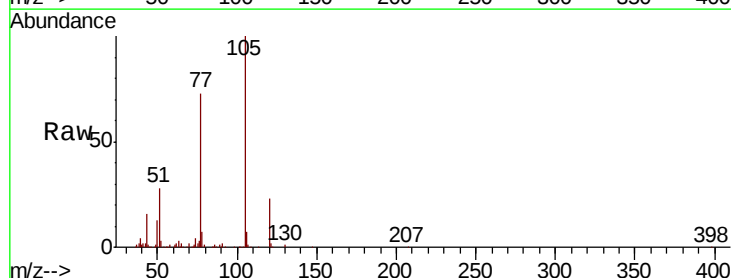


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

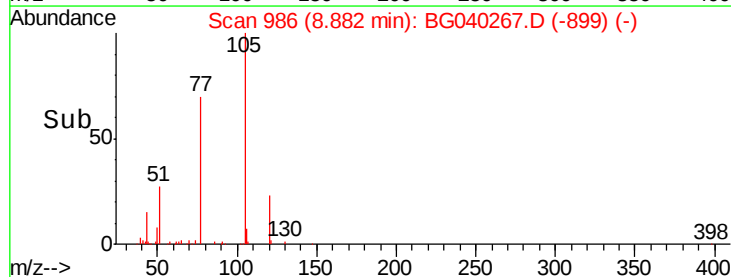
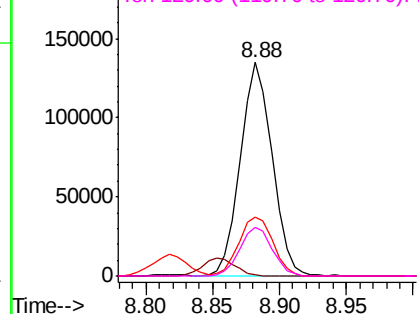


#22  
Acetophenone  
Concen: 42.722 ng  
RT: 8.88 min Scan# 986  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 223161 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 0.4   | 0.6   | 1.0#   |
| 51       | 27.8  | 25.1  | 37.7   |
| 120      | 22.7  | 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

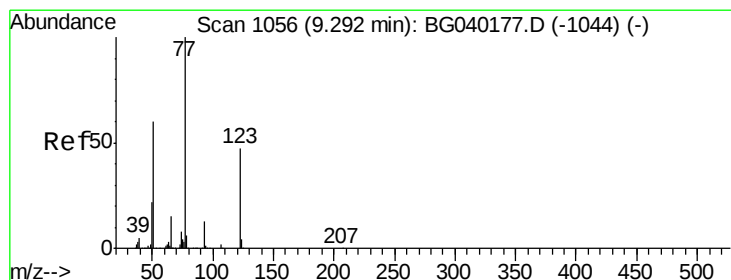
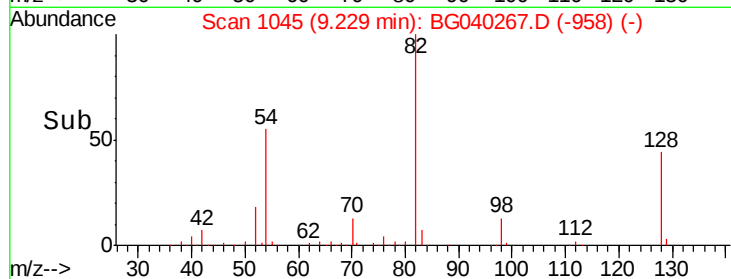
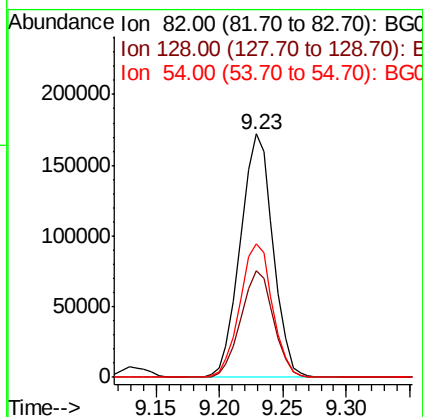
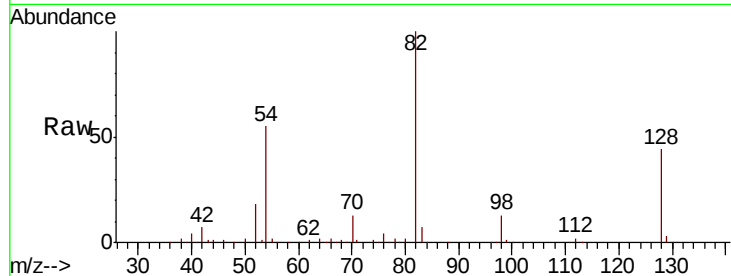




#23  
 Nitrobenzene-d5  
 Concen: 78.084 ng  
 RT: 9.23 min Scan# 1045  
 Delta R.T. -0.02 min  
 Lab File: BG040267.D  
 Acq: 1 Apr 2019 16:18

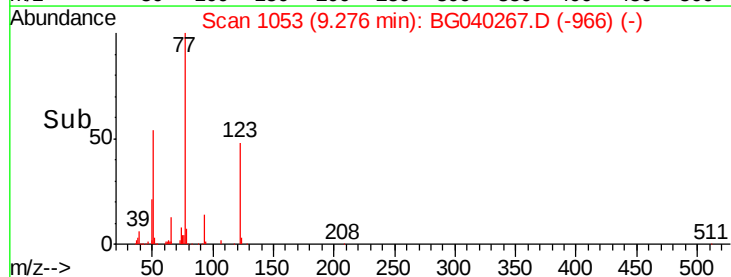
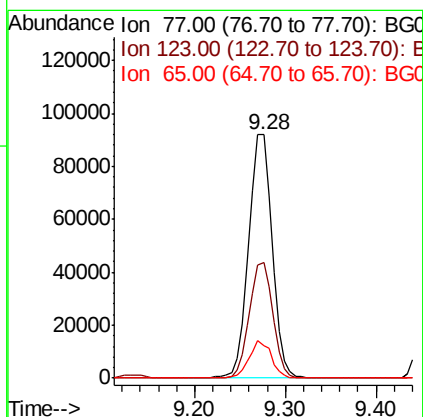
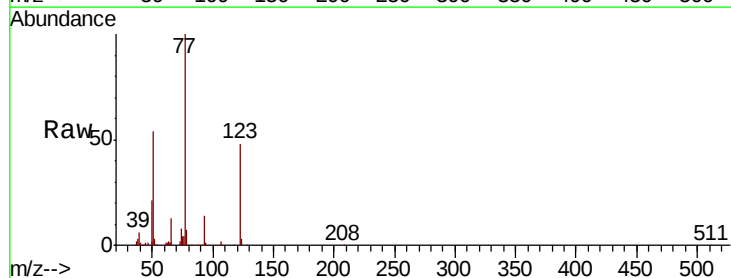
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB118426BSD

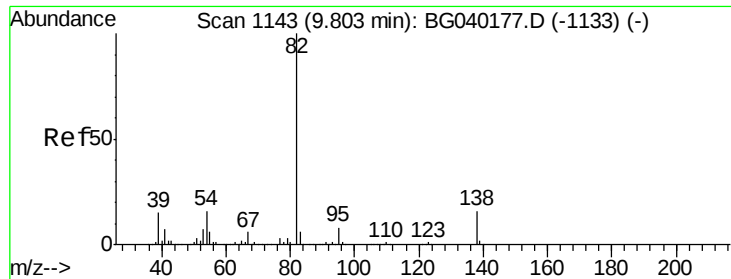
Tgt Ion: 82 Resp: 307624  
 Ion Ratio Lower Upper  
 82 100  
 128 43.9 35.8 53.8  
 54 54.8 46.2 69.2



#24  
 Nitrobenzene  
 Concen: 40.703 ng  
 RT: 9.28 min Scan# 1053  
 Delta R.T. -0.02 min  
 Lab File: BG040267.D  
 Acq: 1 Apr 2019 16:18

Tgt Ion: 77 Resp: 166052  
 Ion Ratio Lower Upper  
 77 100  
 123 47.7 37.8 56.6  
 65 13.3 12.0 18.0

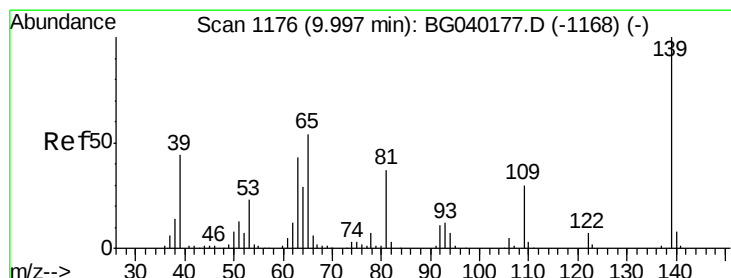
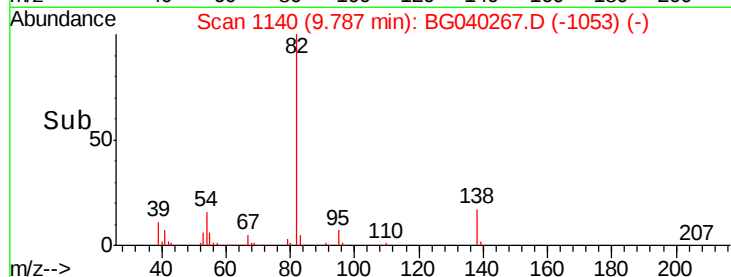
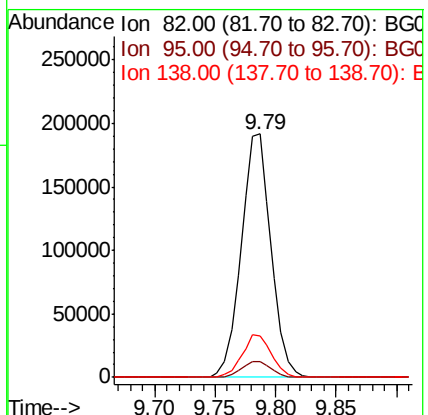
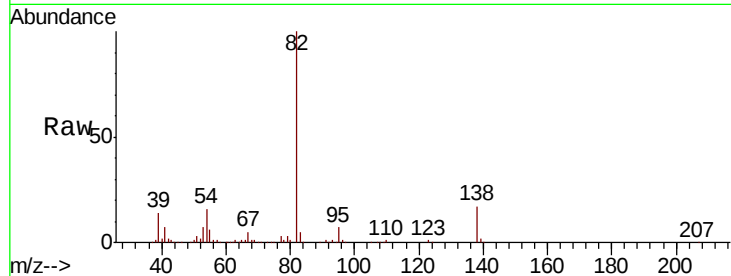




#25  
Isophorone  
Concen: 40.451 ng  
RT: 9.79 min Scan# 1140  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

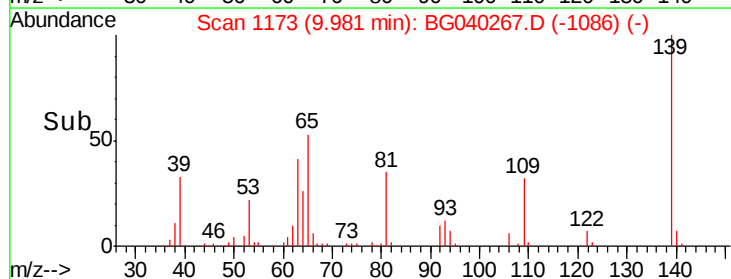
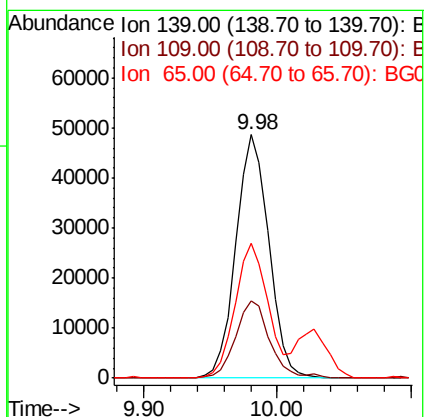
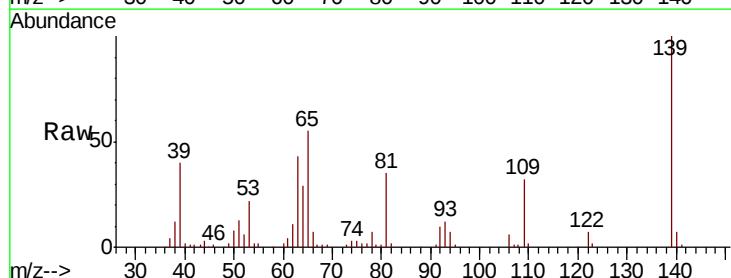
Instrument :  
BNA\_G  
ClientSampleId :  
PB118426BSD

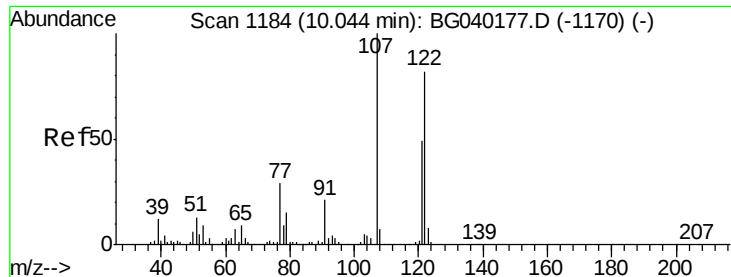
Tgt Ion: 82 Resp: 327899  
Ion Ratio Lower Upper  
82 100  
95 6.7 6.1 9.1  
138 16.9 13.2 19.8



#26  
2-Nitrophenol  
Concen: 43.004 ng  
RT: 9.98 min Scan# 1173  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

Tgt Ion: 139 Resp: 83130  
Ion Ratio Lower Upper  
139 100  
109 31.5 24.1 36.1  
65 55.2 43.0 64.6

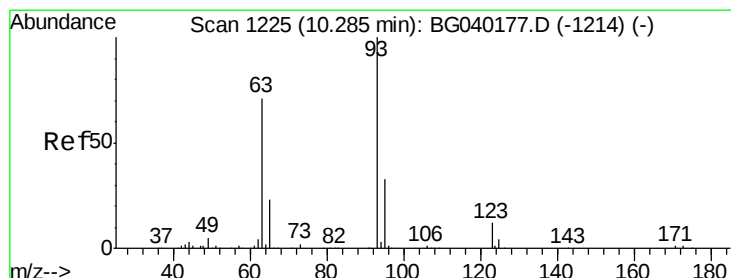
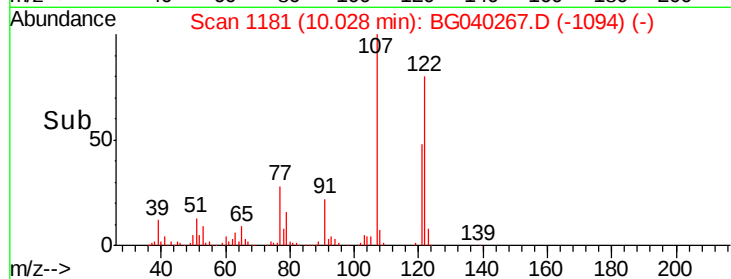
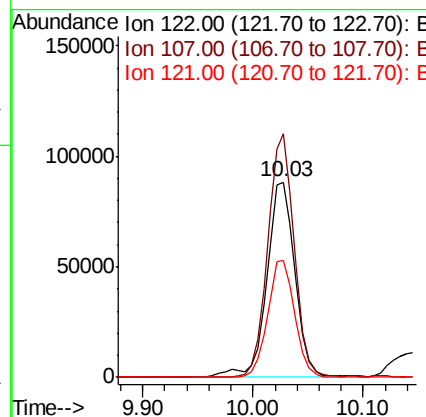
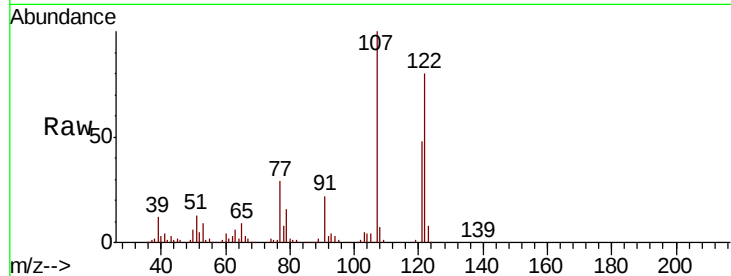




#27  
 2,4-Dimethylphenol  
 Concen: 51.269 ng  
 RT: 10.03 min Scan# 1181  
 Delta R.T. -0.02 min  
 Lab File: BG040267.D  
 Acq: 1 Apr 2019 16:18

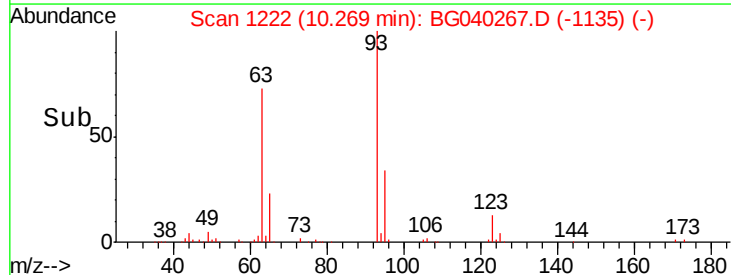
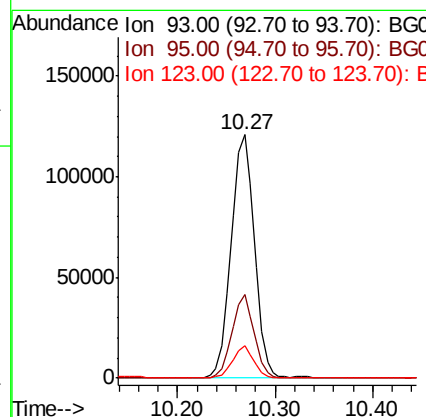
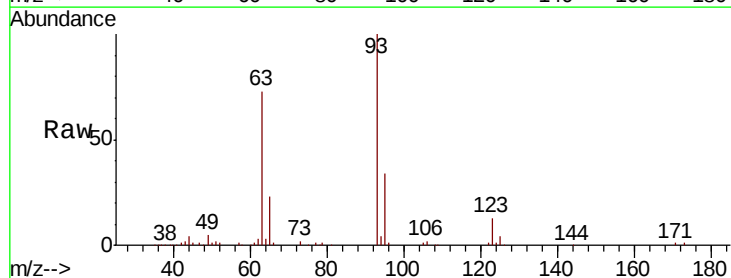
Instrument :  
 BNA\_G  
 ClientSampled :  
 PB118426BSD

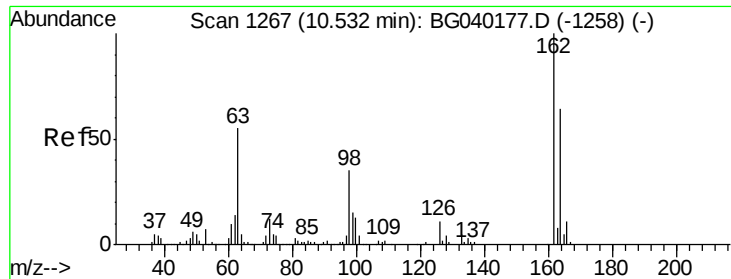
Tgt Ion:122 Resp: 157426  
 Ion Ratio Lower Upper  
 122 100  
 107 124.6 97.4 146.2  
 121 59.8 47.7 71.5



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.748 ng  
 RT: 10.27 min Scan# 1222  
 Delta R.T. -0.02 min  
 Lab File: BG040267.D  
 Acq: 1 Apr 2019 16:18

Tgt Ion: 93 Resp: 200215  
 Ion Ratio Lower Upper  
 93 100  
 95 34.3 26.2 39.4  
 123 13.2 9.4 14.0

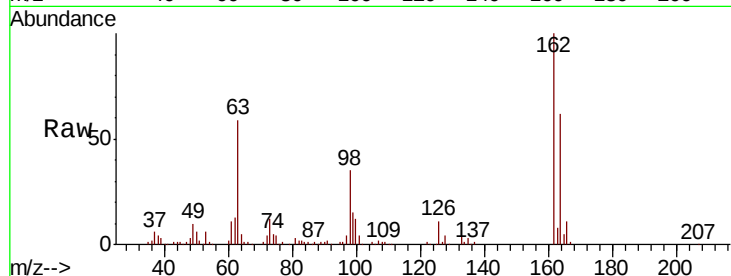




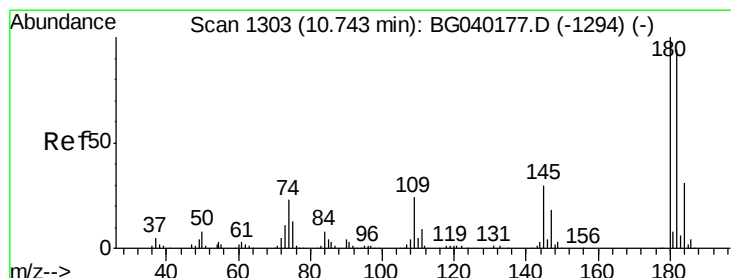
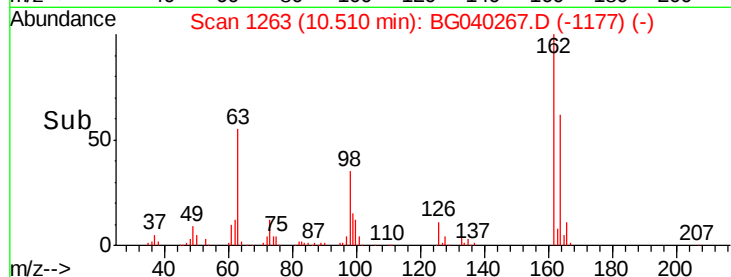
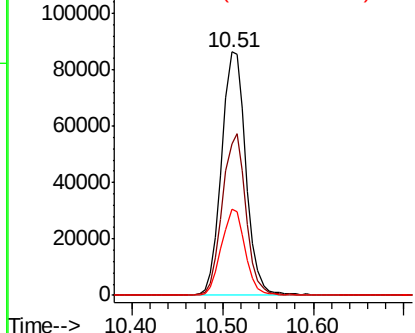
#29  
 2,4-Dichlorophenol  
 Concen: 48.307 ng  
 RT: 10.51 min Scan# 1263  
 Delta R.T. -0.02 min  
 Lab File: BG040267.D  
 Acq: 1 Apr 2019 16:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB118426BSD

Tgt Ion:162 Resp: 161003  
 Ion Ratio Lower Upper  
 162 100  
 164 62.1 43.9 83.9  
 98 35.5 15.6 55.6

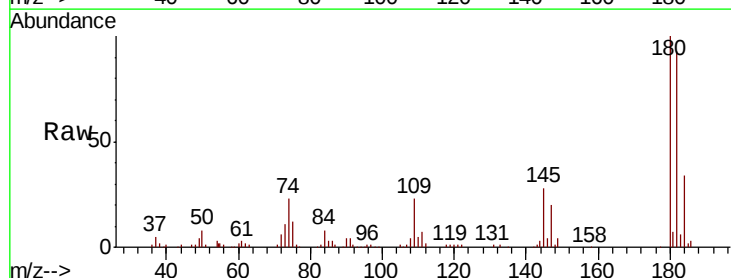


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BGC

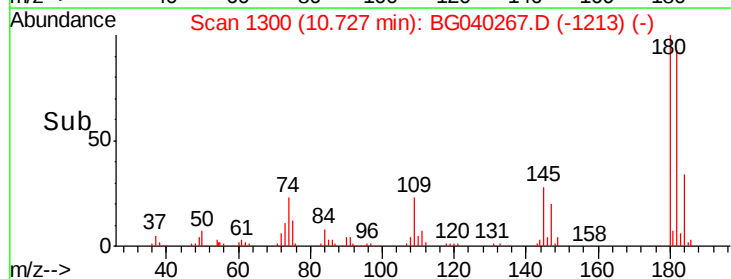
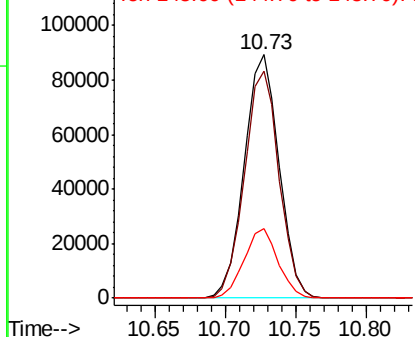


#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.198 ng  
 RT: 10.73 min Scan# 1300  
 Delta R.T. -0.02 min  
 Lab File: BG040267.D  
 Acq: 1 Apr 2019 16:18

Tgt Ion:180 Resp: 154431  
 Ion Ratio Lower Upper  
 180 100  
 182 93.2 75.1 112.7  
 145 28.4 24.1 36.1



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E

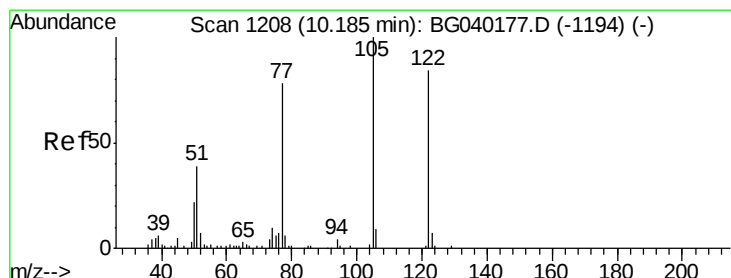
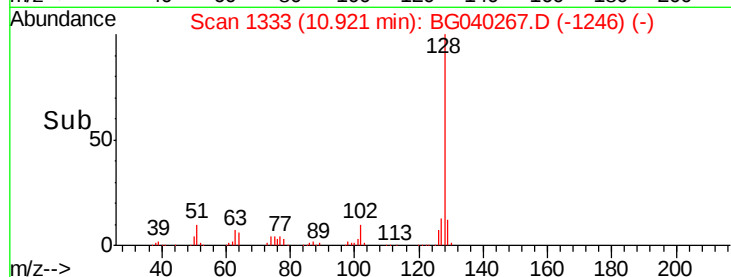
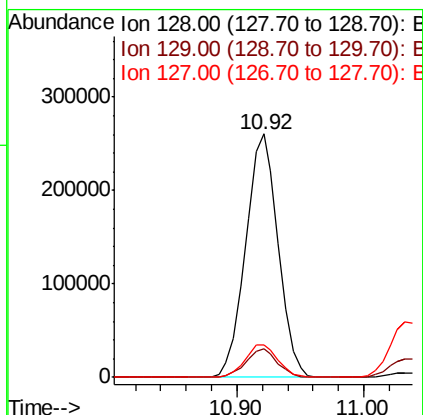
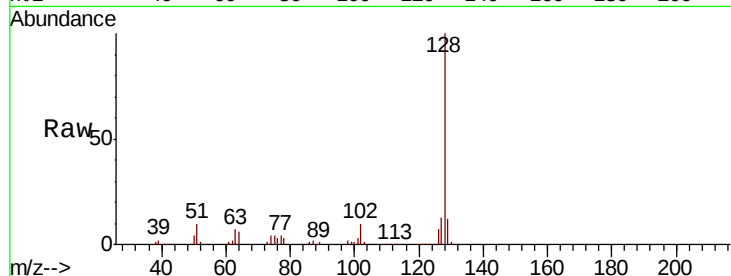




#31  
Naphthalene  
Concen: 42.989 ng  
RT: 10.92 min Scan# 1333  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

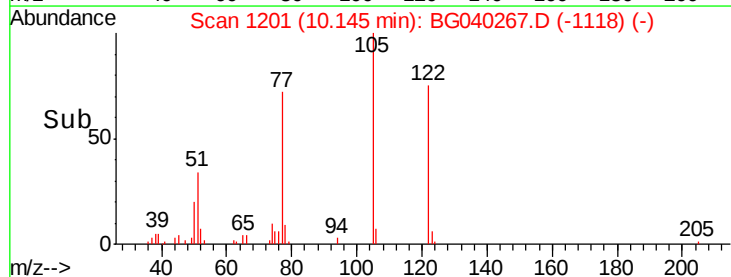
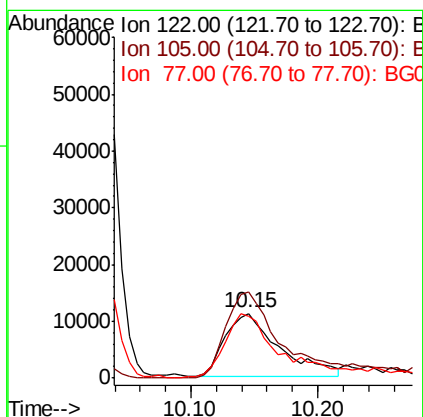
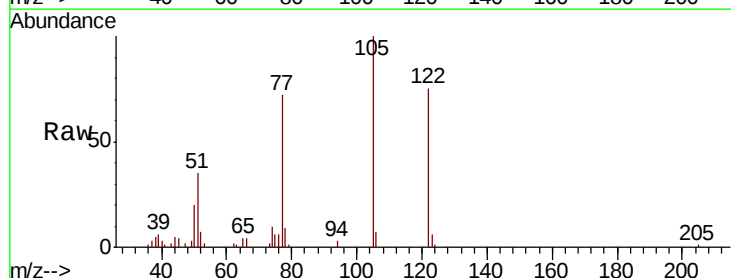
Instrument :  
BNA\_G  
ClientSampleId :  
PB118426BSD

Tgt Ion:128 Resp: 461428  
Ion Ratio Lower Upper  
128 100  
129 11.6 8.9 13.3  
127 13.5 11.4 17.0



#32  
Benzoic acid  
Concen: 17.708 ng  
RT: 10.15 min Scan# 1201  
Delta R.T. -0.04 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

Tgt Ion:122 Resp: 32852  
Ion Ratio Lower Upper  
122 100  
105 133.3 98.2 138.2  
77 95.6 73.6 113.6

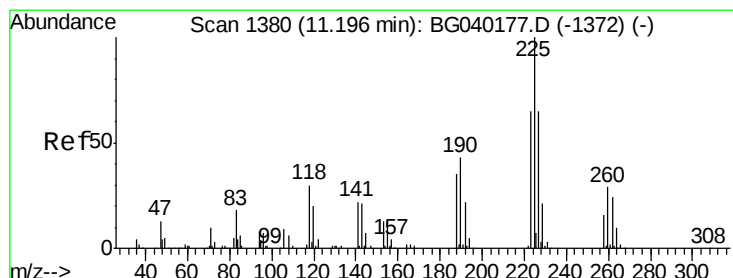
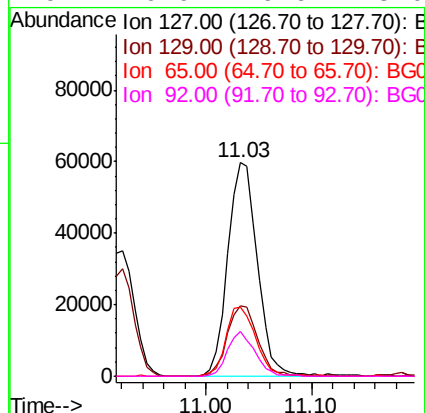
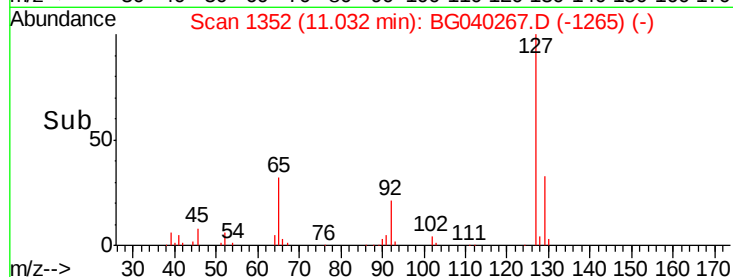
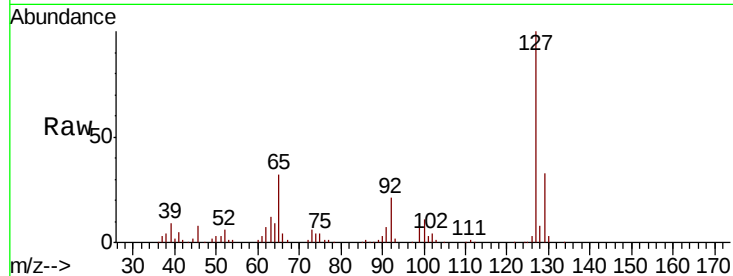




#33  
4-Chloroaniline  
Concen: 25.310 ng  
RT: 11.03 min Scan# 1352  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

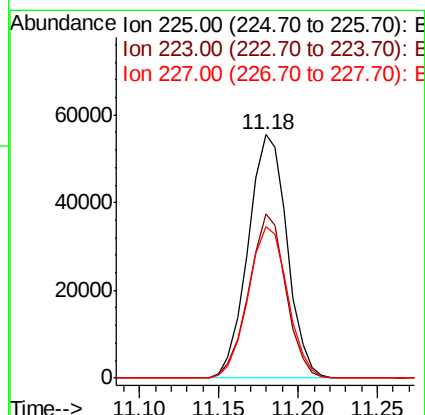
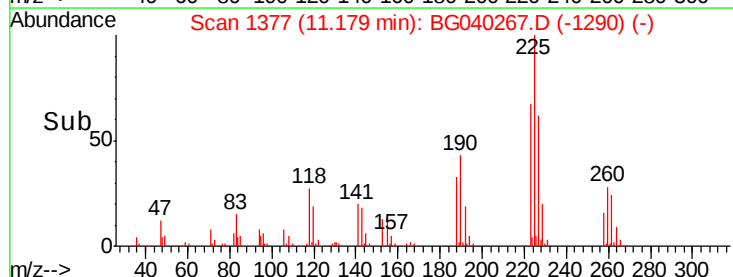
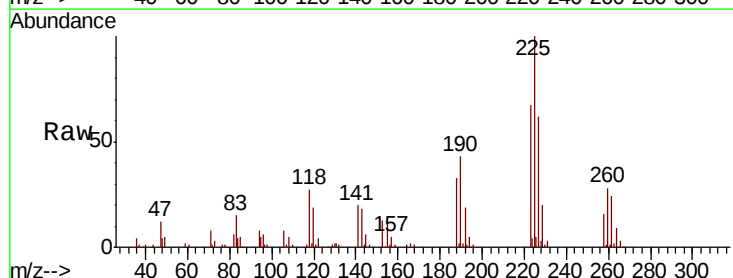
Instrument :  
BNA\_G  
ClientSampleId :  
PB118426BSD

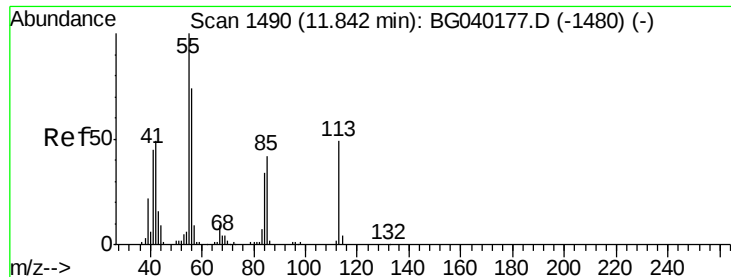
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 115879 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.2  | 26.6  | 40.0   |
| 65       | 32.1  | 27.0  | 40.4   |
| 92       | 20.9  | 16.6  | 25.0   |



#34  
Hexachlorobutadiene  
Concen: 40.465 ng  
RT: 11.18 min Scan# 1377  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 94710 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 67.4  | 51.8  | 77.8  |
| 227      | 62.4  | 54.9  | 82.3  |





#35

Caprolactam

Concen: 22.431 ng

RT: 11.82 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

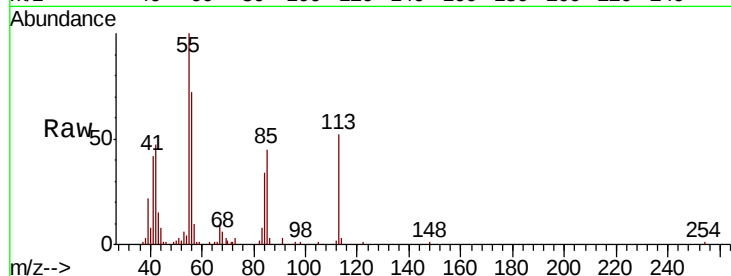
Tgt Ion:113 Resp: 29668

Ion Ratio Lower Upper

113 100

55 191.9 184.2 224.2

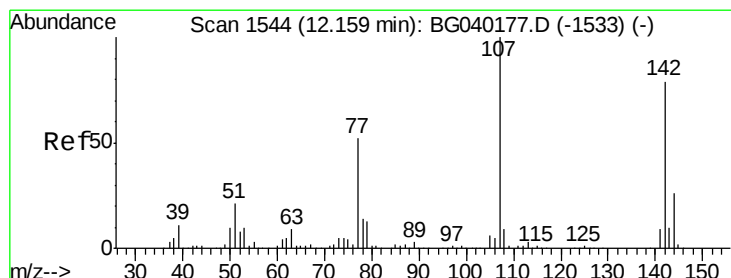
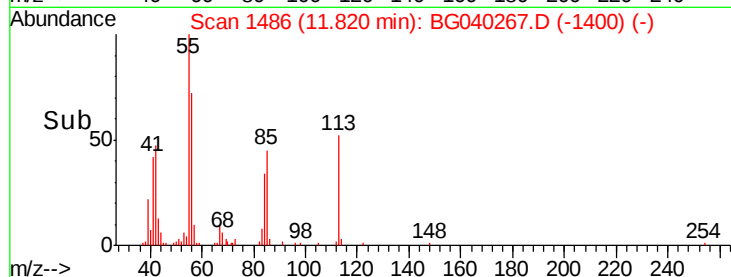
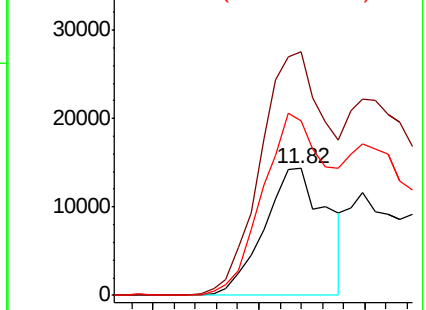
56 137.4 131.3 171.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 48.747 ng

RT: 12.14 min Scan# 1541

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

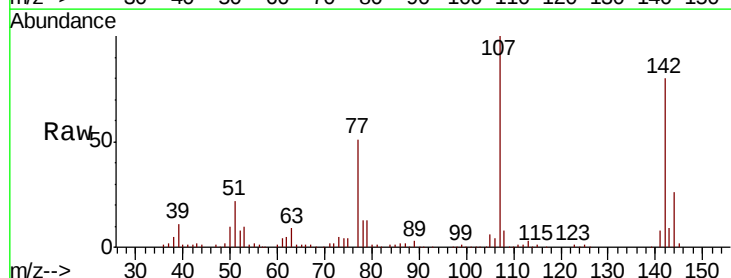
Tgt Ion:107 Resp: 186776

Ion Ratio Lower Upper

107 100

144 26.5 20.5 30.7

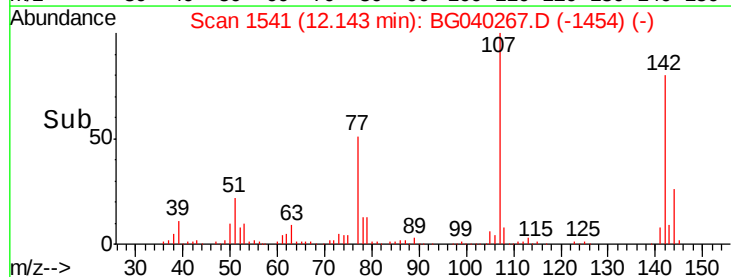
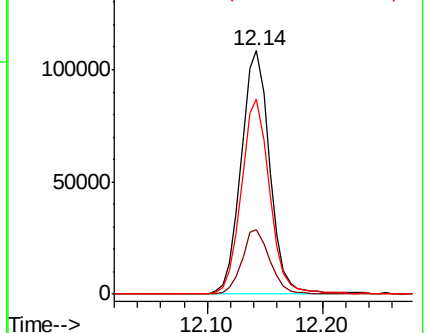
142 80.1 63.1 94.7

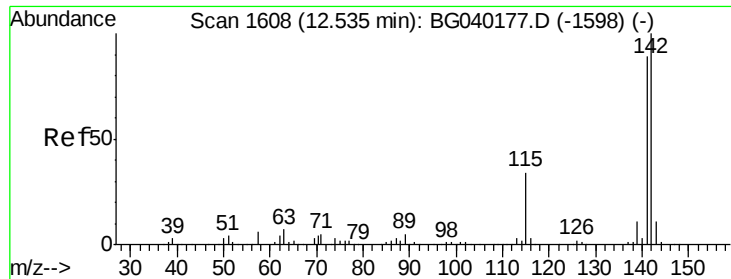


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

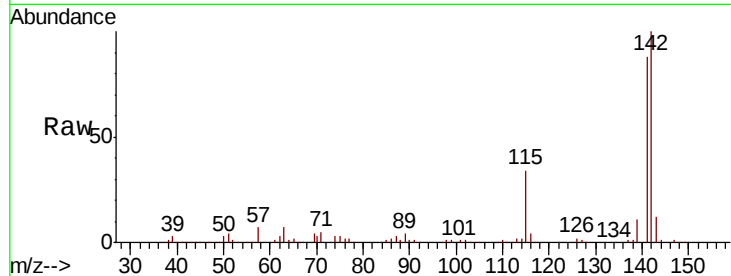




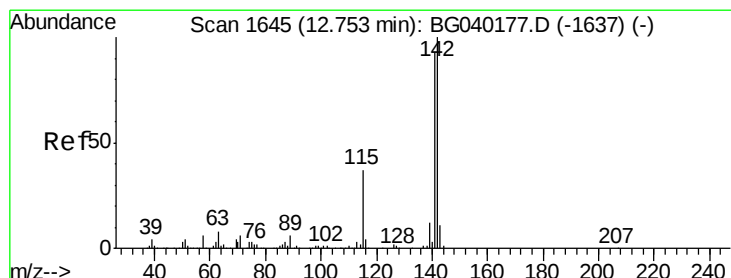
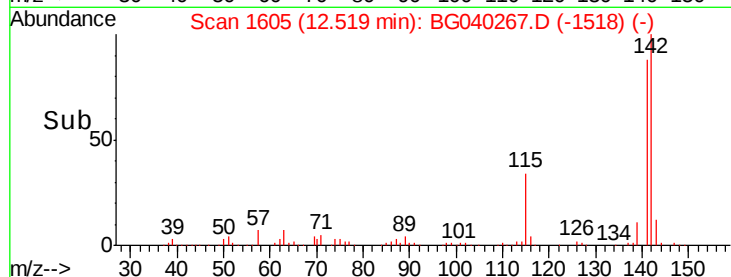
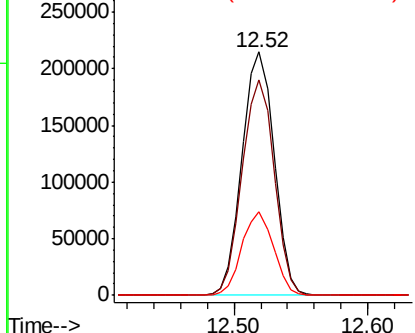
#37  
2-Methylnaphthalene  
Concen: 45.122 ng  
RT: 12.52 min Scan# 1605  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB118426BSD

Tgt Ion:142 Resp: 358197  
Ion Ratio Lower Upper  
142 100  
141 88.4 71.0 106.6  
115 34.3 27.3 40.9

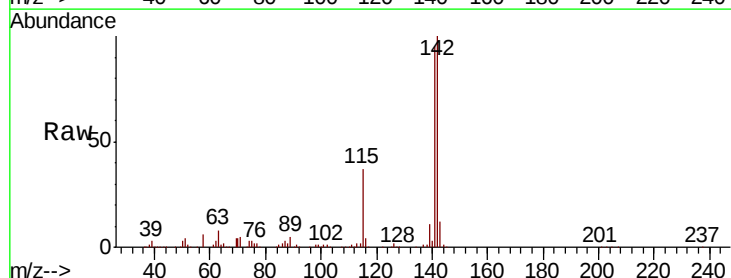


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E  
Ion 115.00 (114.70 to 115.70): E

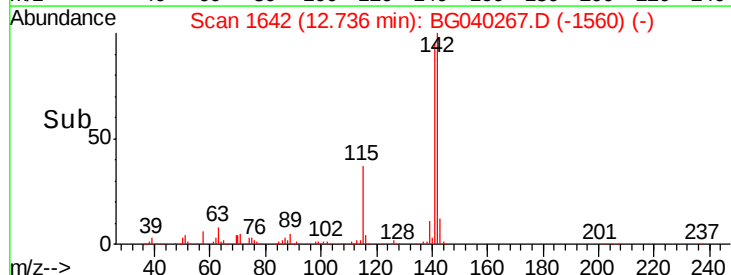
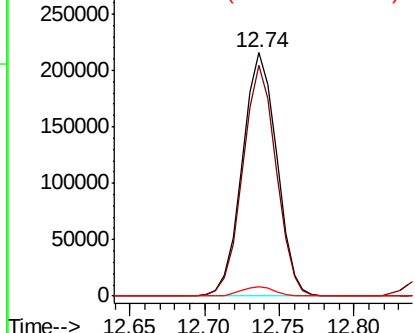


#38  
1-Methylnaphthalene  
Concen: 44.655 ng  
RT: 12.74 min Scan# 1642  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

Tgt Ion:142 Resp: 343746  
Ion Ratio Lower Upper  
142 100  
141 94.6 74.2 111.4  
116 3.9 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: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

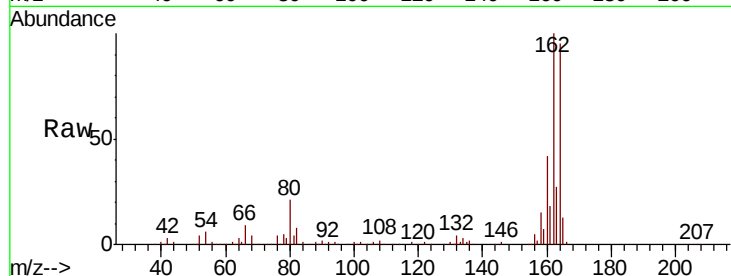
Tgt Ion:164 Resp: 147803

Ion Ratio Lower Upper

164 100

162 105.6 77.4 116.2

160 44.6 35.3 52.9

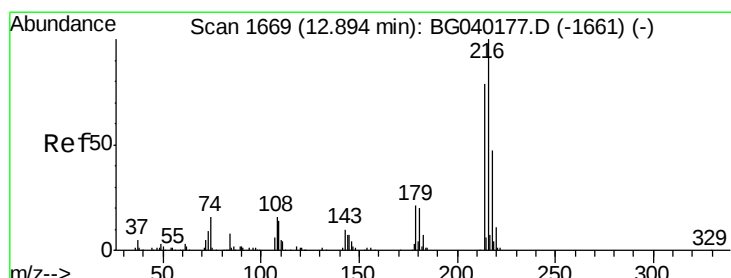
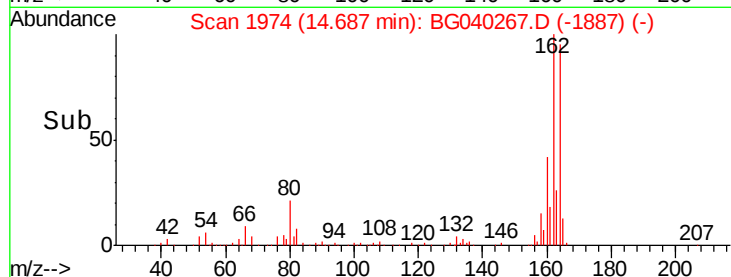
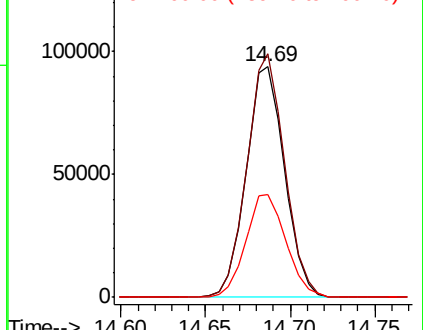


Abundance

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: 39.020 ng

RT: 12.88 min Scan# 1666

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Tgt Ion:216 Resp: 183304

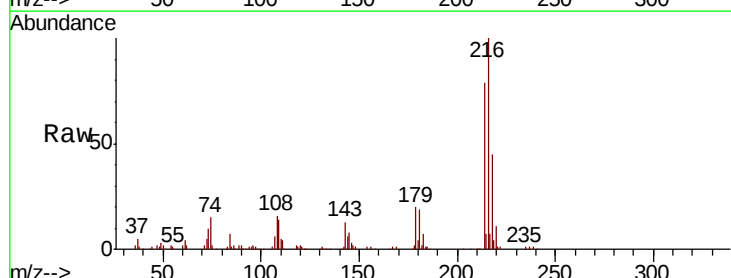
Ion Ratio Lower Upper

216 100

214 79.9 63.5 95.3

179 20.8 16.6 25.0

108 18.8 13.8 20.8



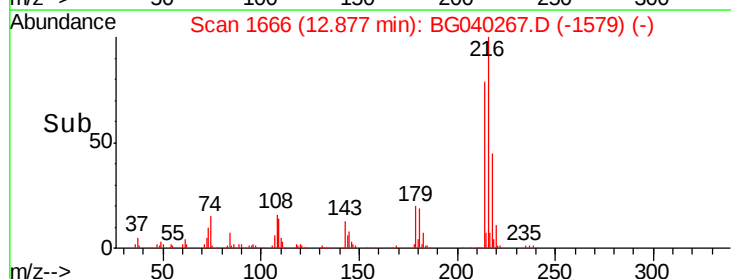
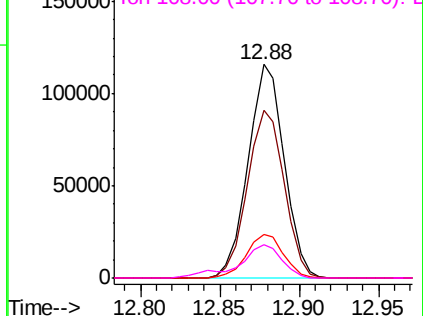
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 82.851 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.01 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

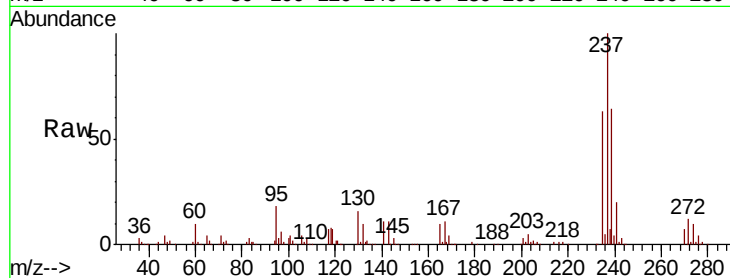
Tgt Ion: 237 Resp: 213704

Ion Ratio Lower Upper

237 100

235 63.2 46.2 86.2

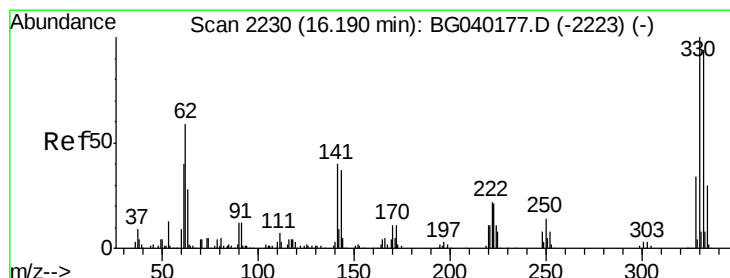
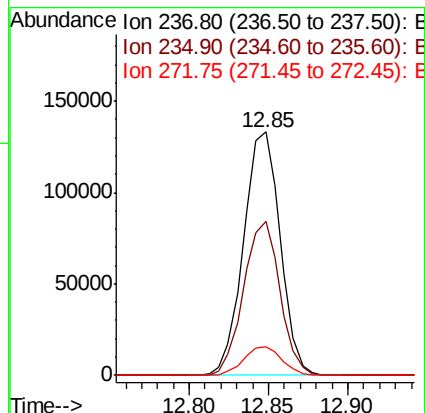
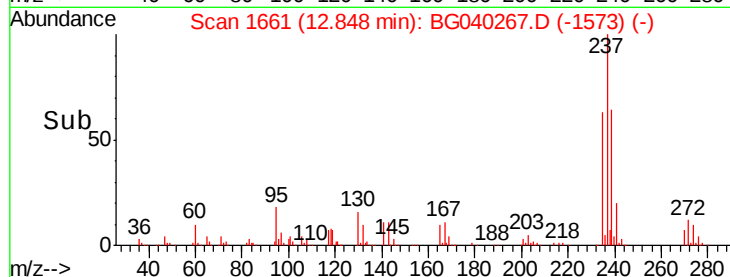
272 11.9 0.0 30.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 156.946 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

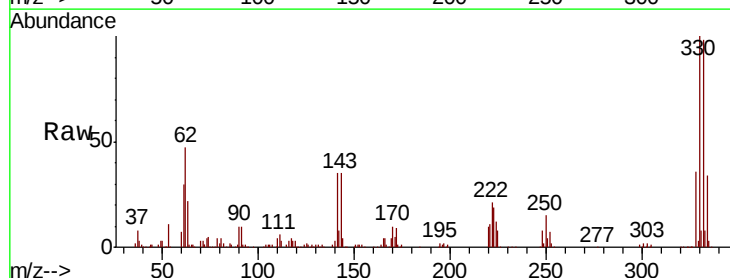
Tgt Ion: 330 Resp: 250700

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

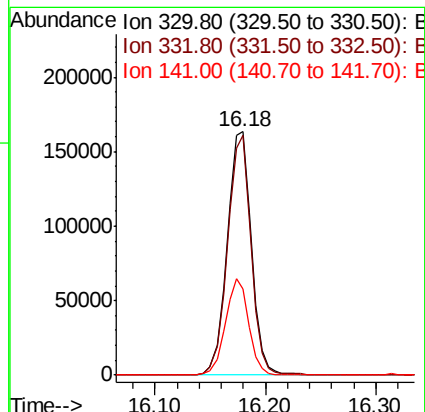
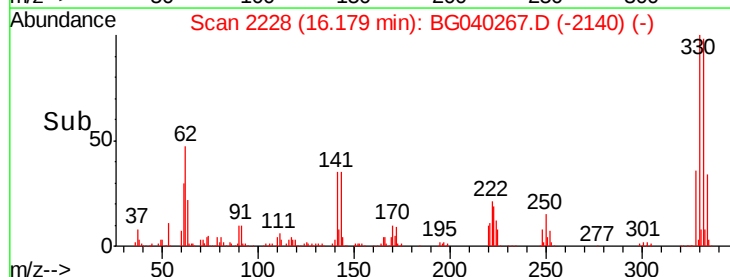
141 38.0 32.6 48.8



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

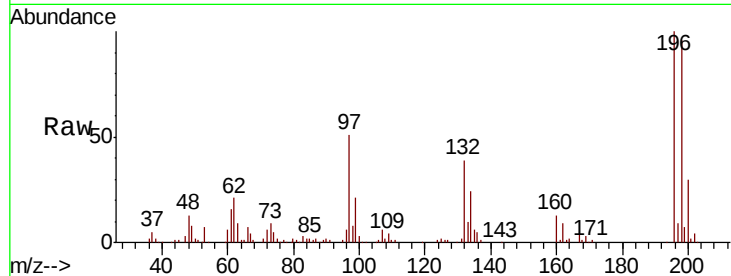




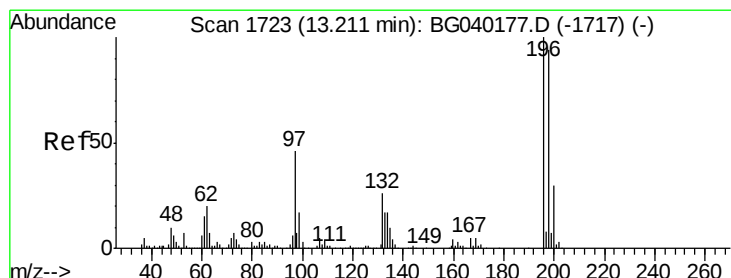
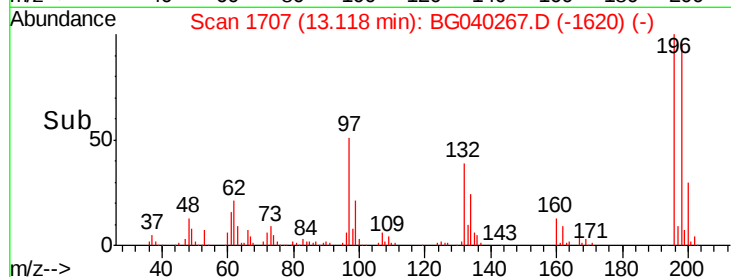
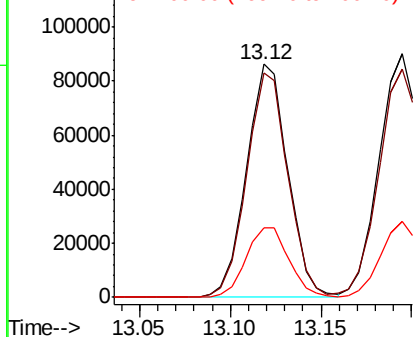
#43  
 2,4,6-Trichlorophenol  
 Concen: 45.153 ng  
 RT: 13.12 min Scan# 1707  
 Delta R.T. -0.02 min  
 Lab File: BG040267.D  
 Acq: 1 Apr 2019 16:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB118426BSD

Tgt Ion:196 Resp: 136758  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 78.3 117.5  
 200 30.0 26.0 39.0



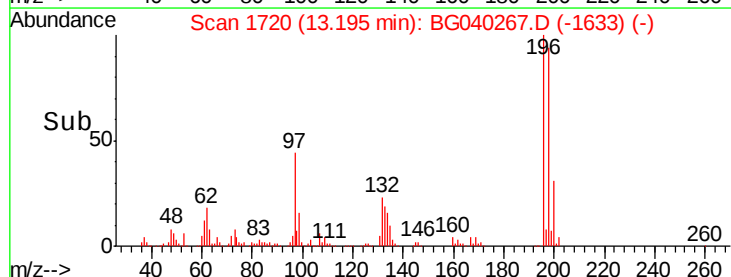
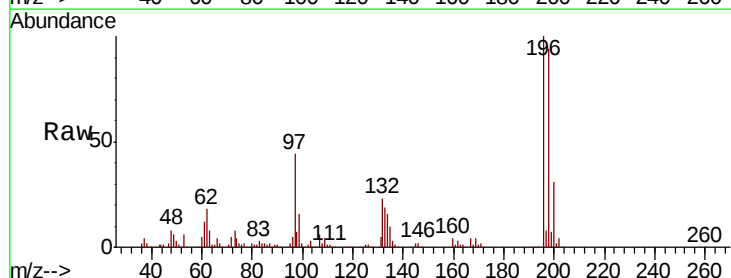
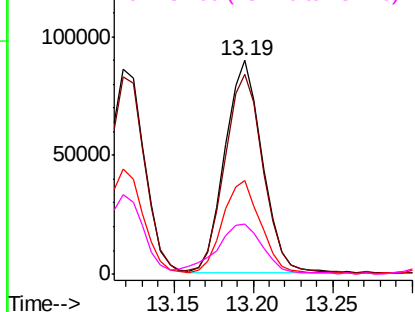
Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

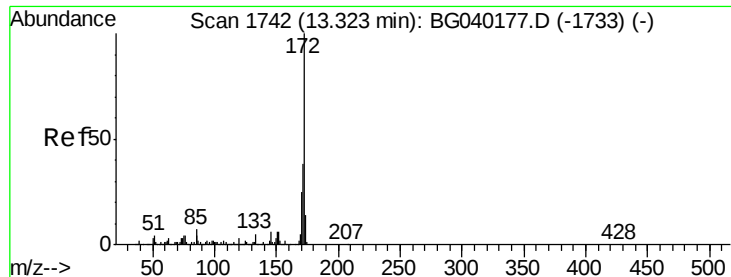


#44  
 2,4,5-Trichlorophenol  
 Concen: 44.560 ng  
 RT: 13.19 min Scan# 1720  
 Delta R.T. -0.02 min  
 Lab File: BG040267.D  
 Acq: 1 Apr 2019 16:18

Tgt Ion:196 Resp: 147103  
 Ion Ratio Lower Upper  
 196 100  
 198 93.7 75.0 112.6  
 97 43.7 37.3 55.9  
 132 23.3 20.9 31.3

Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E

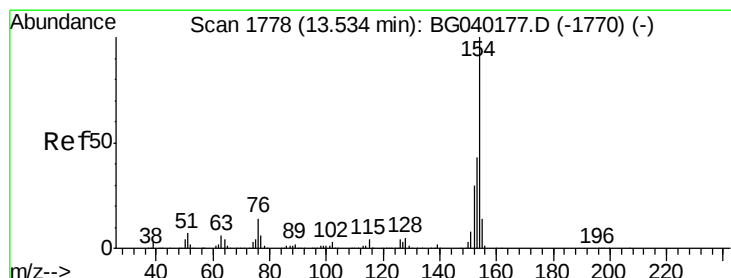
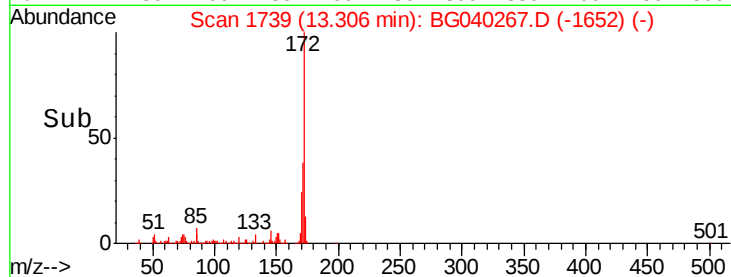
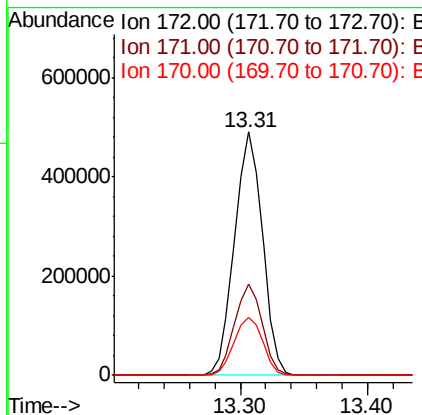
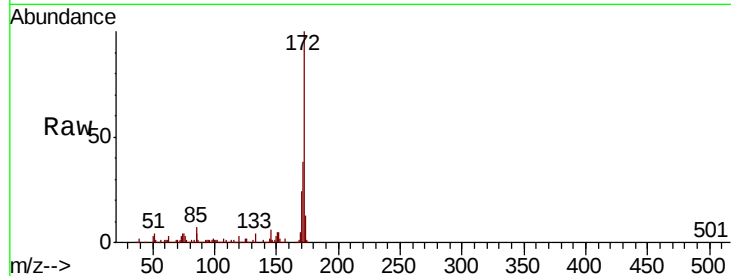




#45  
2-Fluorobiphenyl  
Concen: 74.987 ng  
RT: 13.31 min Scan# 1739  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

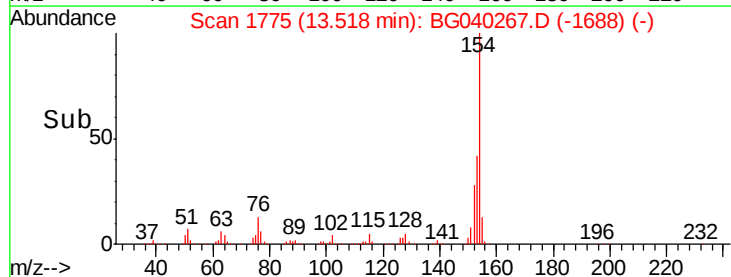
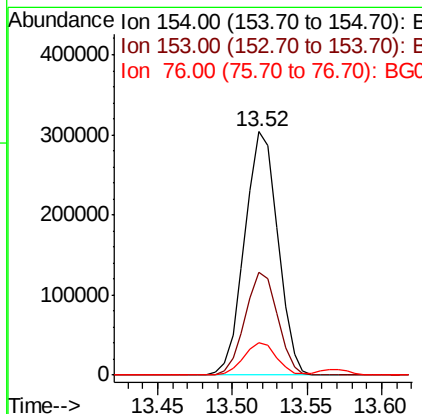
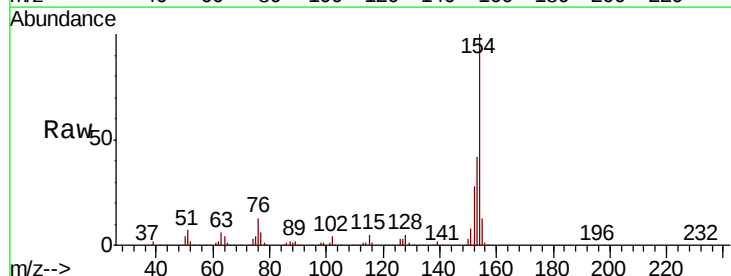
Instrument :  
BNA\_G  
ClientSampleId :  
PB118426BSD

Tgt Ion:172 Resp: 747977  
Ion Ratio Lower Upper  
172 100  
171 37.7 30.5 45.7  
170 23.8 20.1 30.1



#46  
1,1'-Biphenyl  
Concen: 40.016 ng  
RT: 13.52 min Scan# 1775  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

Tgt Ion:154 Resp: 467324  
Ion Ratio Lower Upper  
154 100  
153 42.3 22.5 62.5  
76 13.1 0.0 33.7

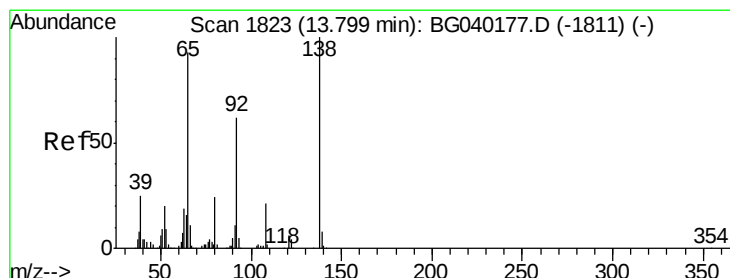
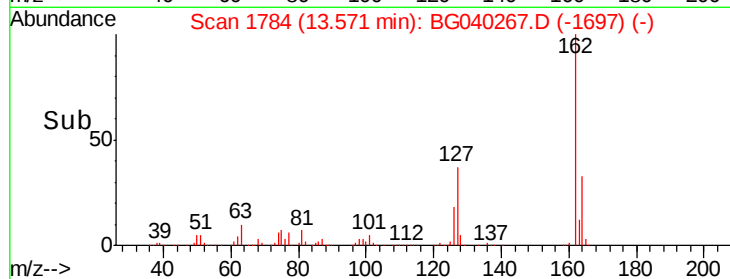
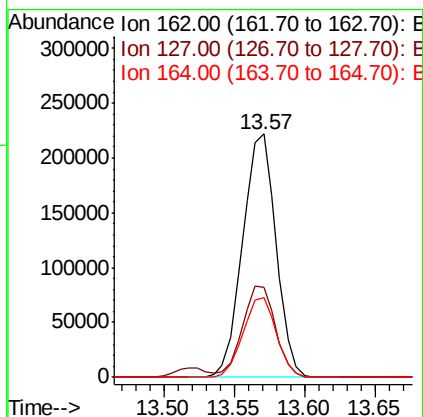
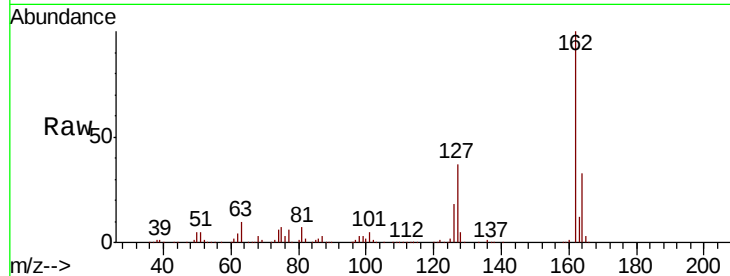




#47  
 2-Chloronaphthalene  
 Concen: 41.076 ng  
 RT: 13.57 min Scan# 1784  
 Delta R.T. -0.02 min  
 Lab File: BG040267.D  
 Acq: 1 Apr 2019 16:18

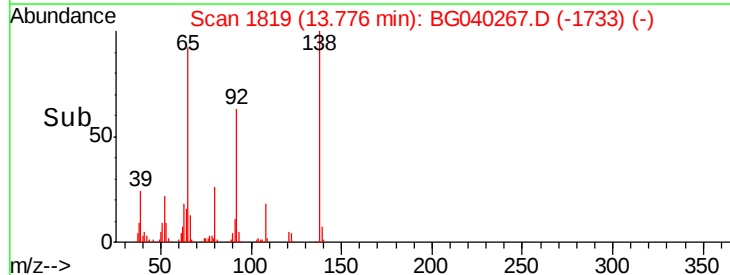
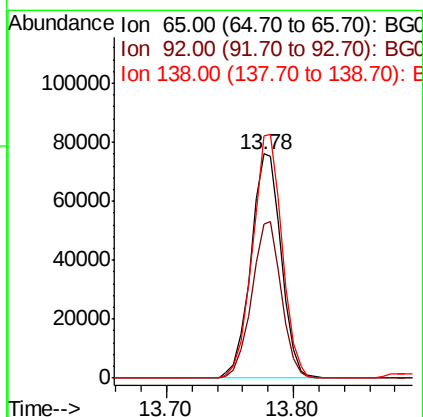
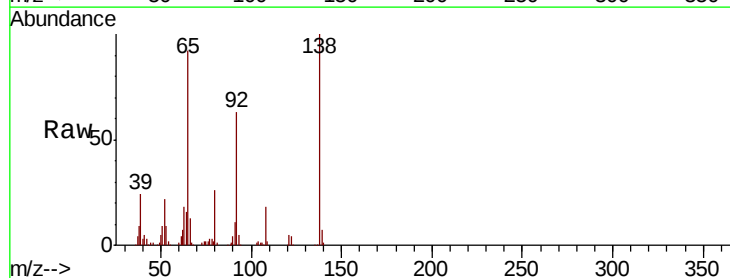
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB118426BSD

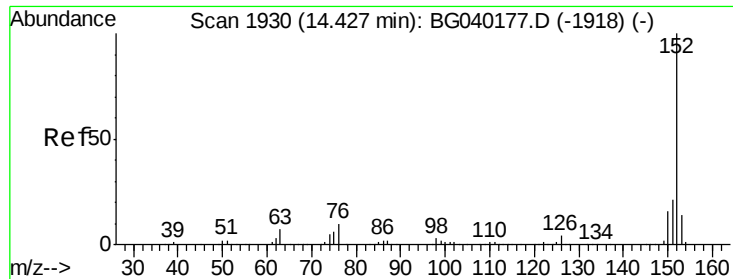
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 36.8  | 30.6  | 45.8  |
| 164     | 32.8  | 26.2  | 39.4  |



#48  
 2-Nitroaniline  
 Concen: 41.985 ng  
 RT: 13.78 min Scan# 1819  
 Delta R.T. -0.02 min  
 Lab File: BG040267.D  
 Acq: 1 Apr 2019 16:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 68.6  | 53.8  | 80.6  |
| 138     | 108.3 | 86.3  | 129.5 |





#49

Acenaphthylene

Concen: 40.902 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

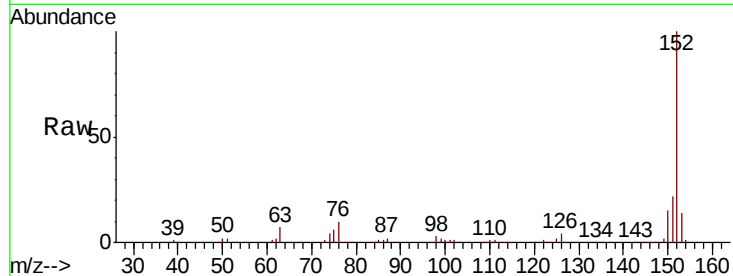
Tgt Ion:152 Resp: 621227

Ion Ratio Lower Upper

152 100

151 21.8 17.0 25.6

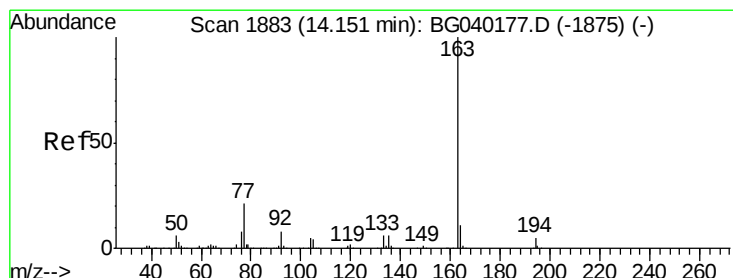
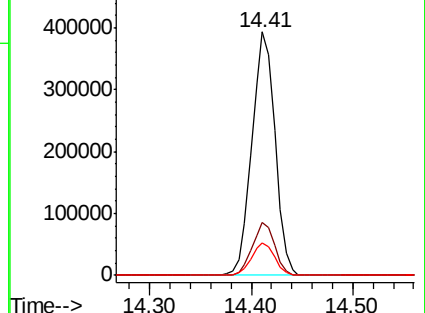
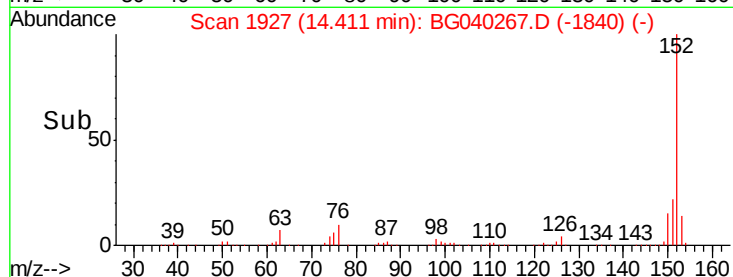
153 13.5 10.8 16.2



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: 42.190 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

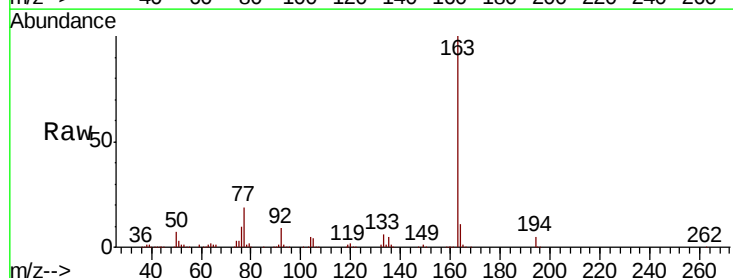
Tgt Ion:163 Resp: 488039

Ion Ratio Lower Upper

163 100

194 4.8 4.1 6.1

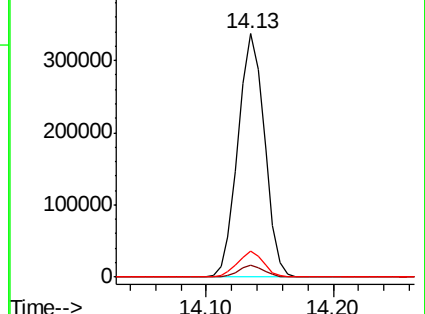
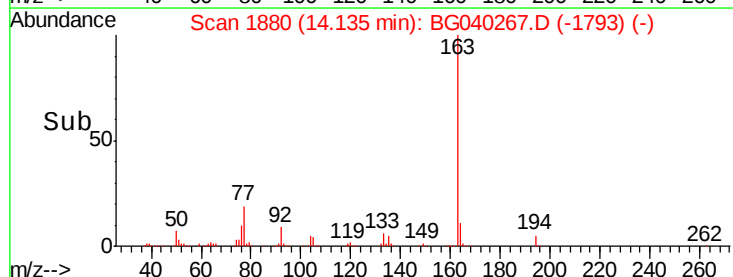
164 10.7 8.6 13.0

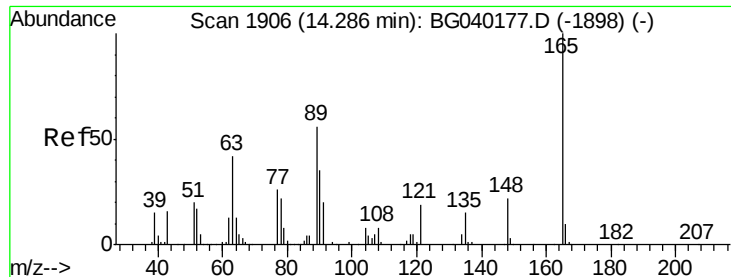


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.145 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

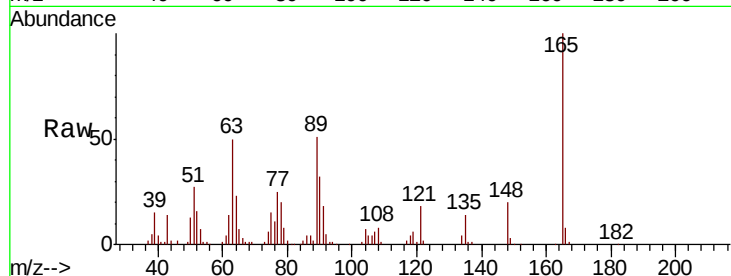
Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

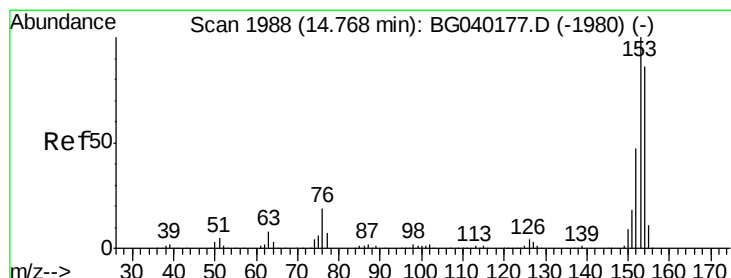
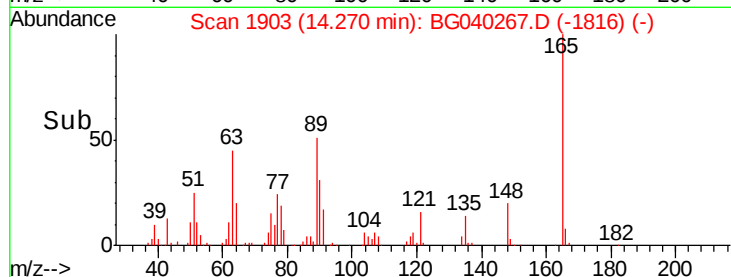
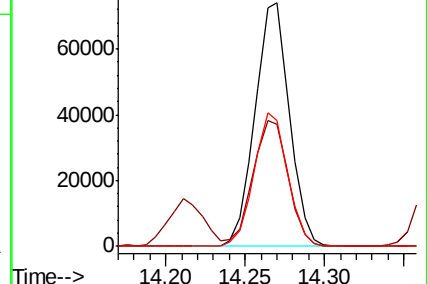
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 165   | Resp: | 112064 |
| Ion      | Ratio | Lower | Upper  |
| 165      | 100   |       |        |
| 63       | 50.2  | 44.1  | 66.1   |
| 89       | 51.4  | 44.9  | 67.3   |



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: 42.258 ng

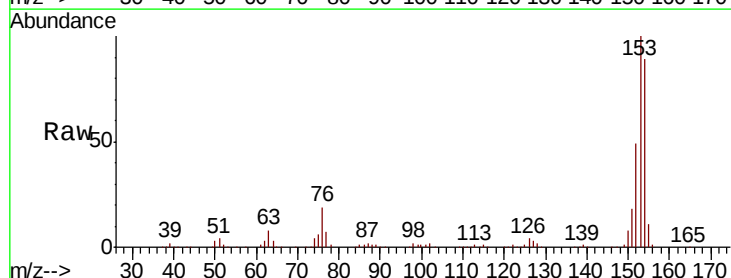
RT: 14.75 min Scan# 1985

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

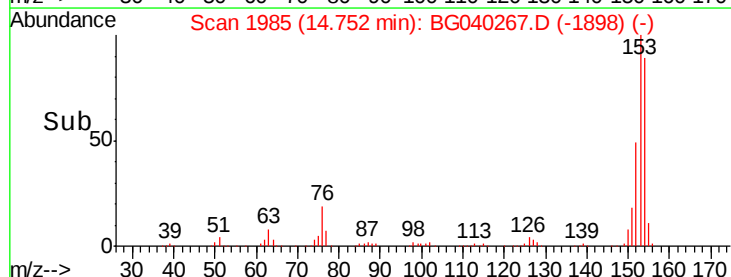
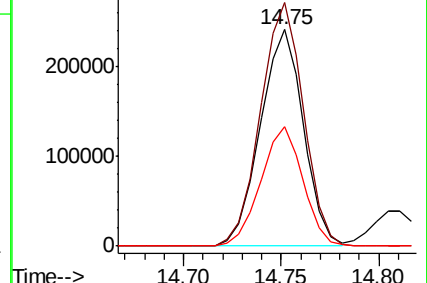
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 367770 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 112.7 | 92.8  | 139.2  |
| 152      | 55.2  | 43.4  | 65.2   |



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: 31.865 ng

RT: 14.60 min Scan# 1959

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

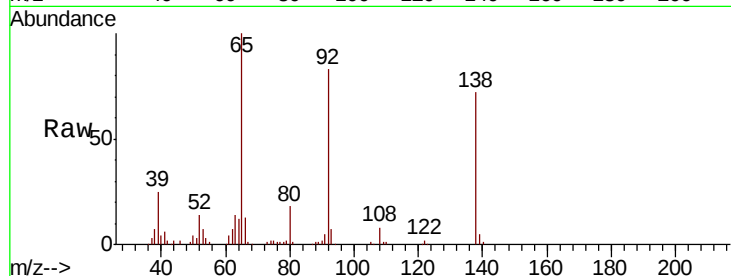
Tgt Ion:138 Resp: 87610

Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.8

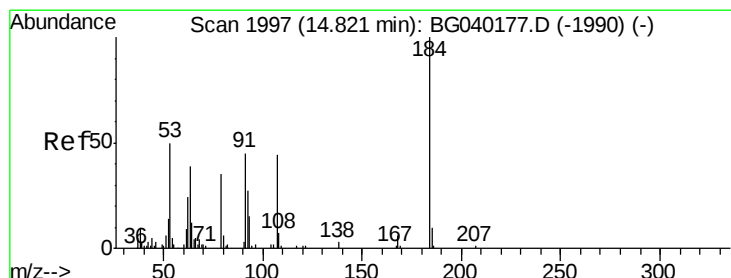
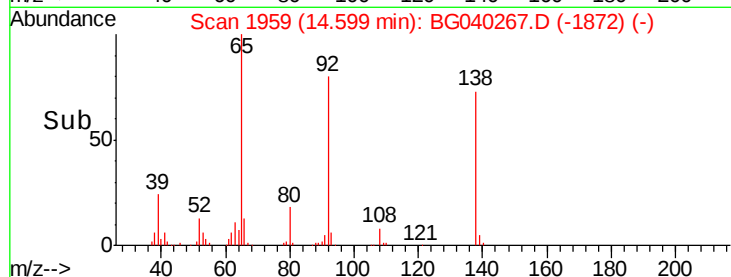
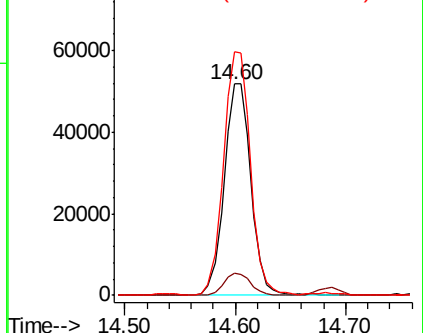
92 115.1 87.5 131.3



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: 81.073 ng

RT: 14.81 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

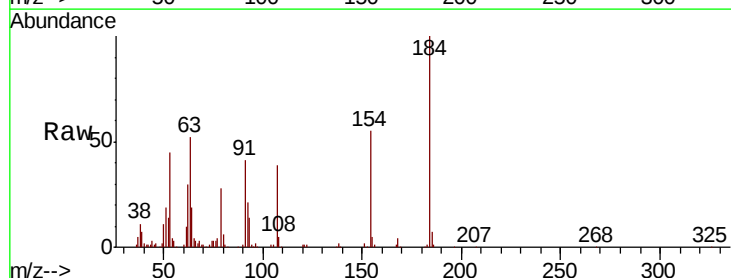
Tgt Ion:184 Resp: 111988

Ion Ratio Lower Upper

184 100

63 52.3 51.8 77.8

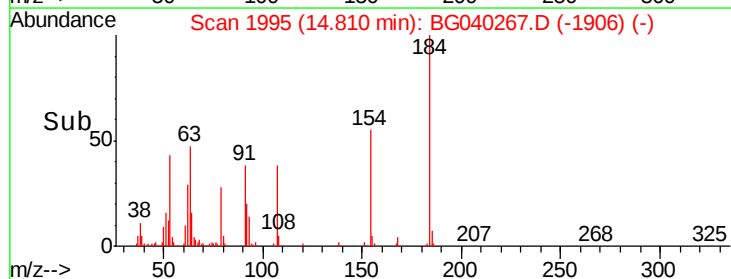
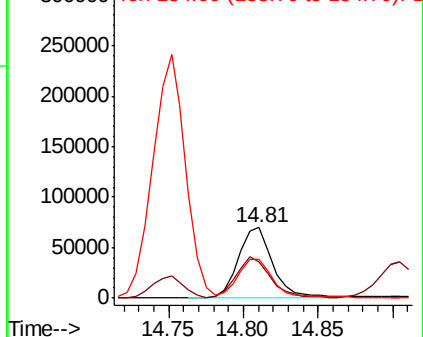
154 54.9 50.9 76.3

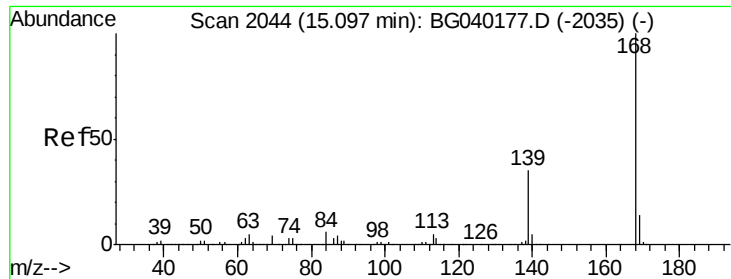


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

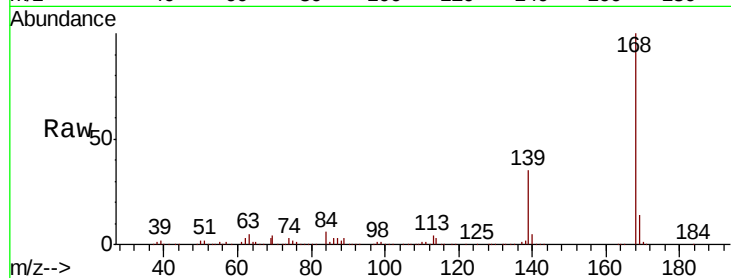




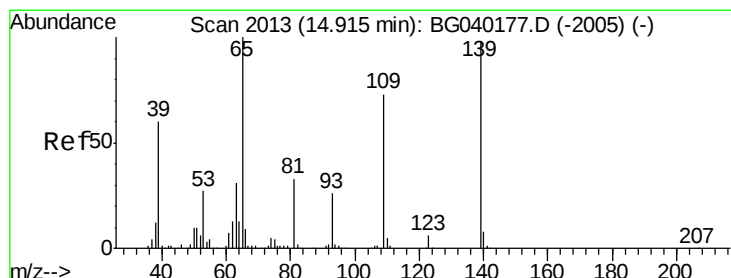
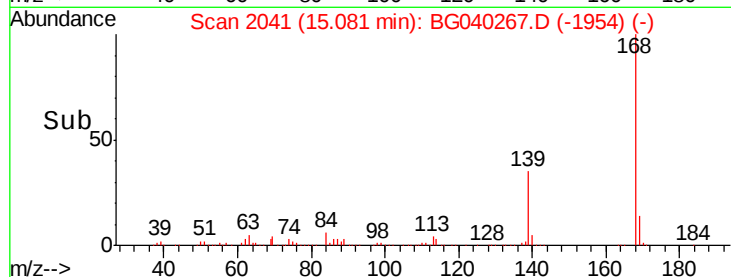
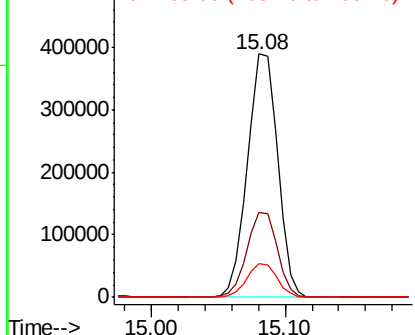
#55  
Dibenzenofuran  
Concen: 43.383 ng  
RT: 15.08 min Scan# 2041  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB118426BSD

Tgt Ion:168 Resp: 606690  
Ion Ratio Lower Upper  
168 100  
139 35.0 27.9 41.9  
169 13.8 11.3 16.9

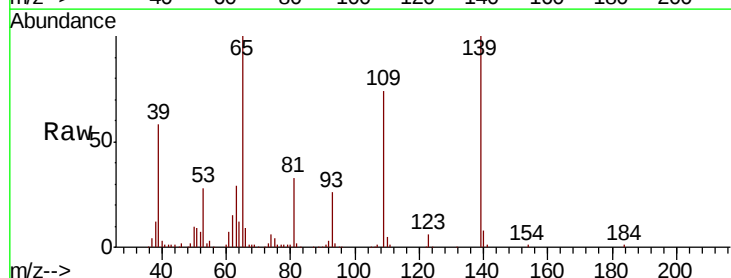


Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

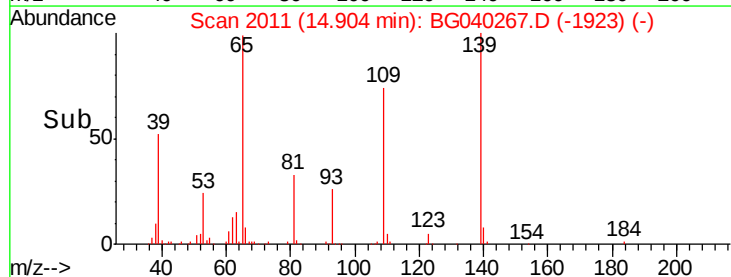
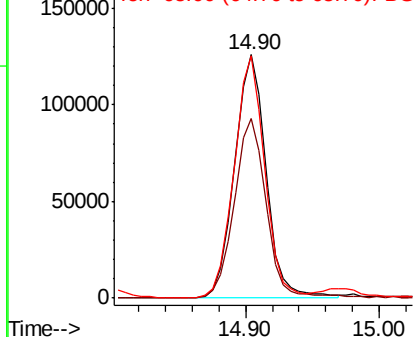


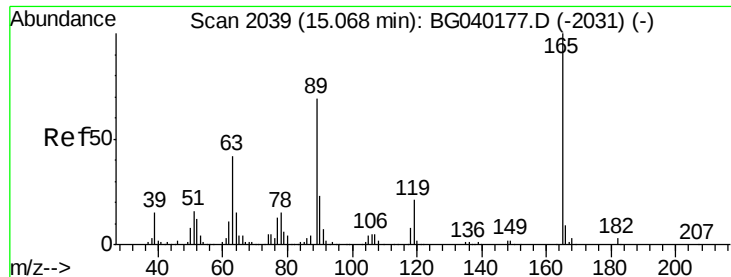
#56  
4-Nitrophenol  
Concen: 92.911 ng  
RT: 14.90 min Scan# 2011  
Delta R.T. -0.01 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

Tgt Ion:139 Resp: 206168  
Ion Ratio Lower Upper  
139 100  
109 73.9 54.3 94.3  
65 99.8 82.5 122.5



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

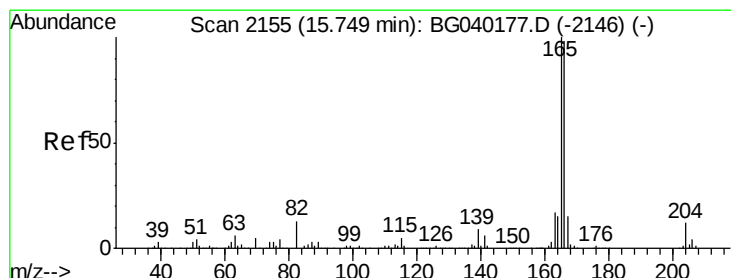
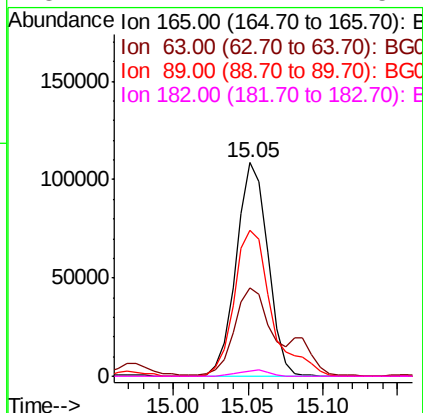
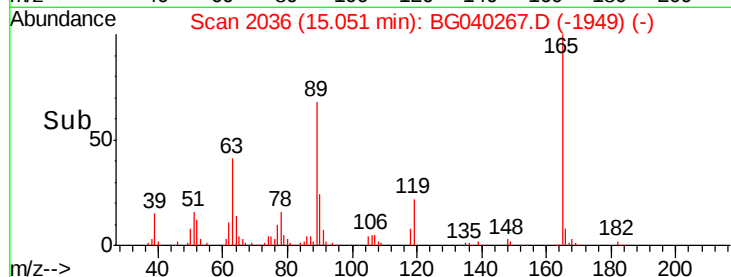
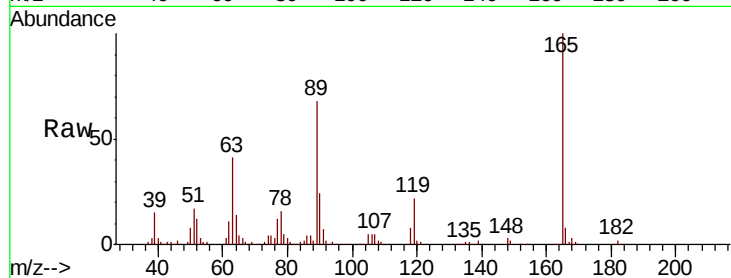




#57  
2,4-Dinitrotoluene  
Concen: 44.489 ng  
RT: 15.05 min Scan# 2036  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

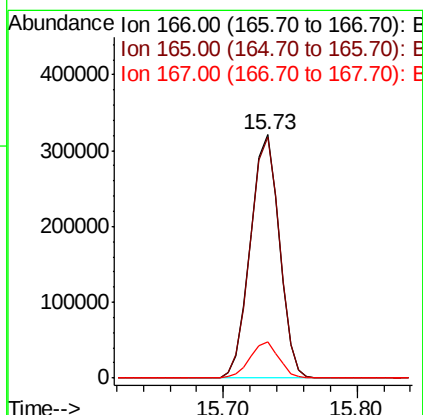
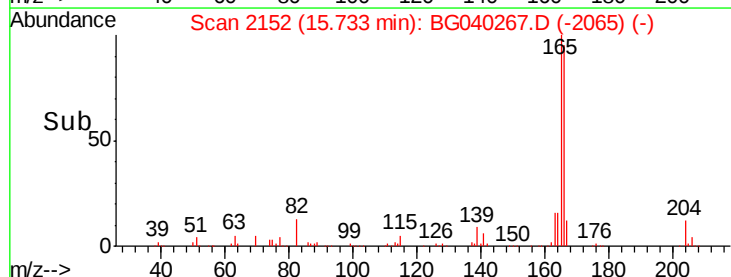
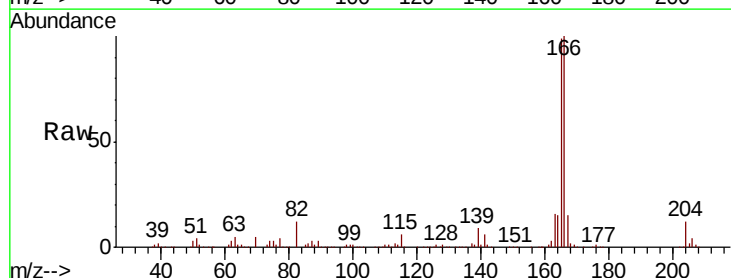
Instrument :  
BNA\_G  
ClientSampleId :  
PB118426BSD

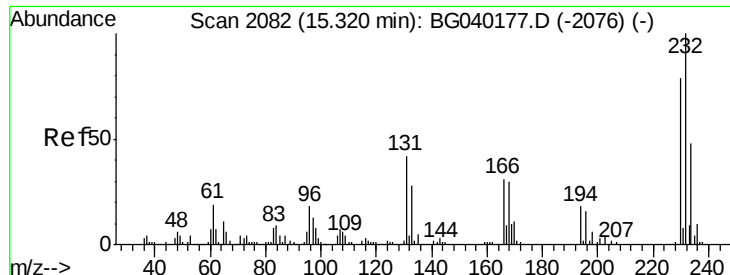
Tgt Ion:165 Resp: 160563  
Ion Ratio Lower Upper  
165 100  
63 41.2 33.8 50.6  
89 68.4 55.4 83.2  
182 2.4 2.2 3.4



#58  
Fluorene  
Concen: 43.579 ng  
RT: 15.73 min Scan# 2152  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

Tgt Ion:166 Resp: 479144  
Ion Ratio Lower Upper  
166 100  
165 98.8 81.7 122.5  
167 14.7 11.9 17.9

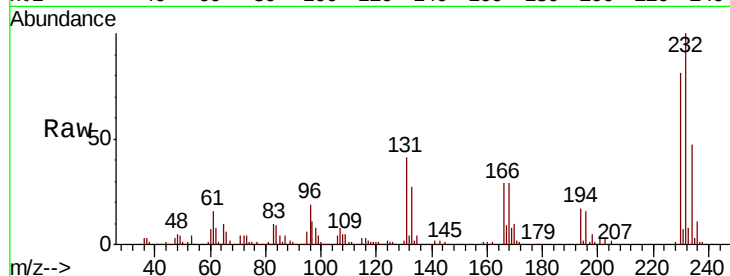




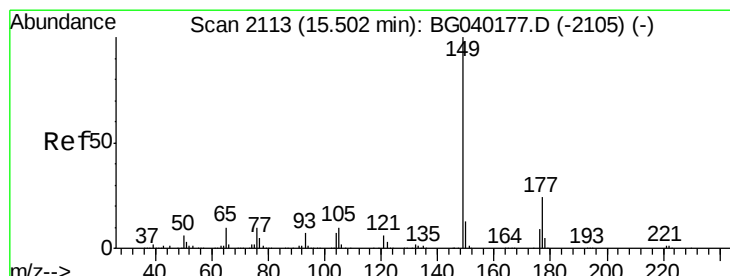
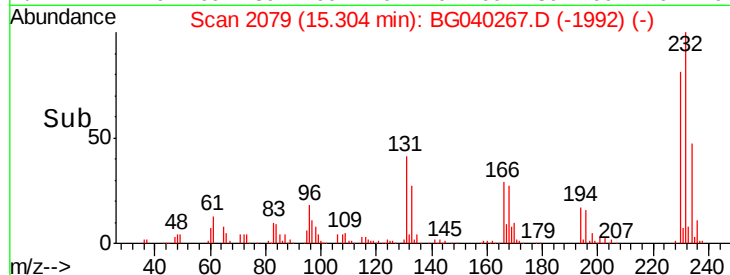
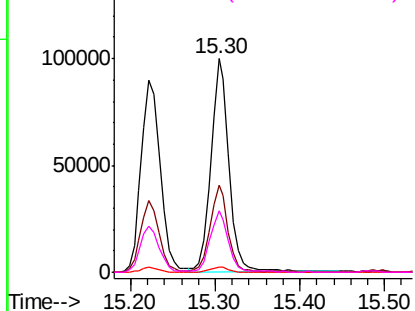
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.294 ng  
RT: 15.30 min Scan# 2079  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB118426BSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 150666 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 39.9  | 32.9  | 49.3   |
| 130      | 2.6   | 1.8   | 2.8    |
| 166      | 27.9  | 23.5  | 35.3   |

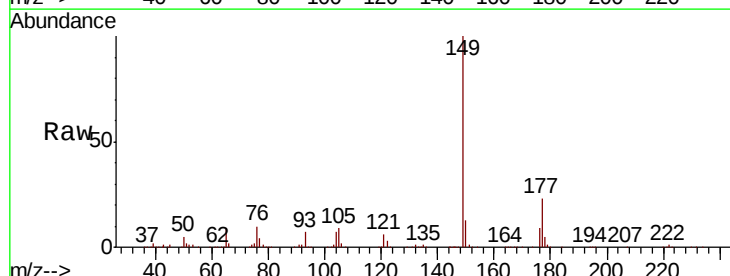


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

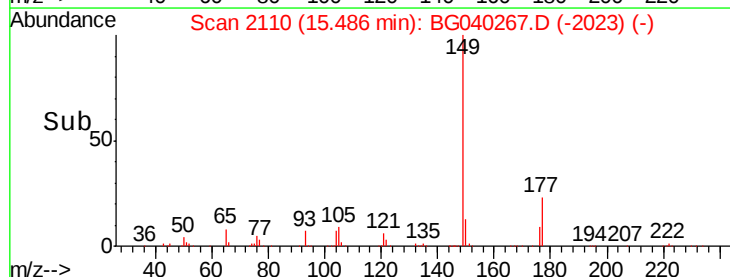
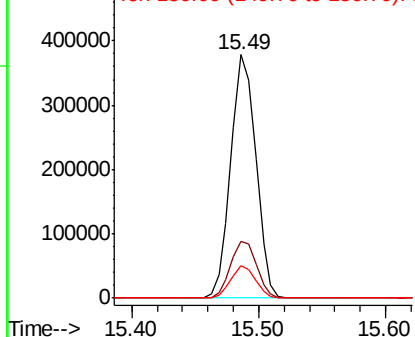


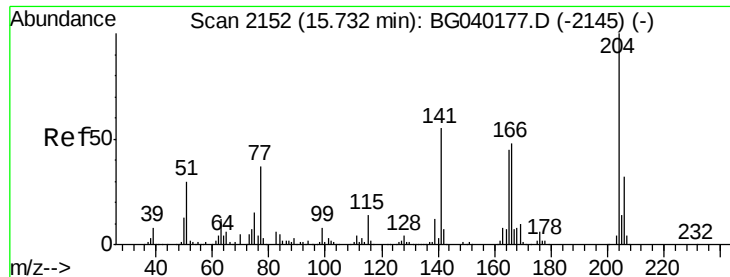
#60  
Diethylphthalate  
Concen: 43.764 ng  
RT: 15.49 min Scan# 2110  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 518040 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 23.2  | 19.1  | 28.7   |
| 150      | 13.2  | 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

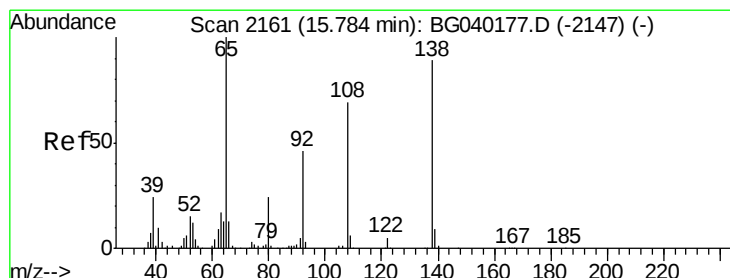
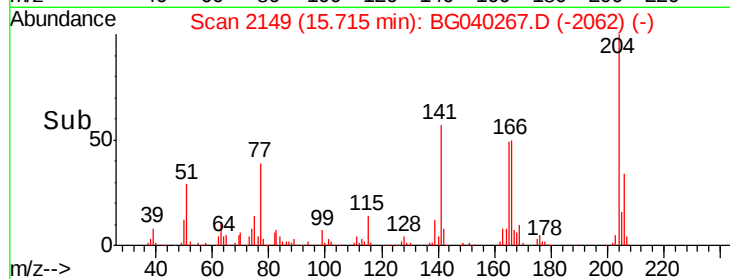
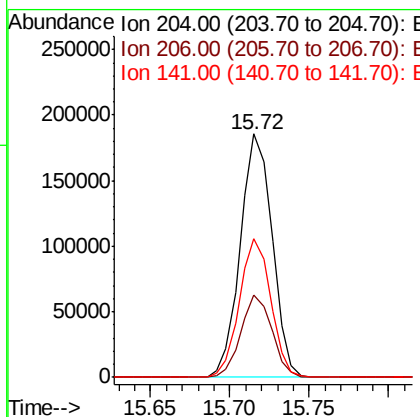
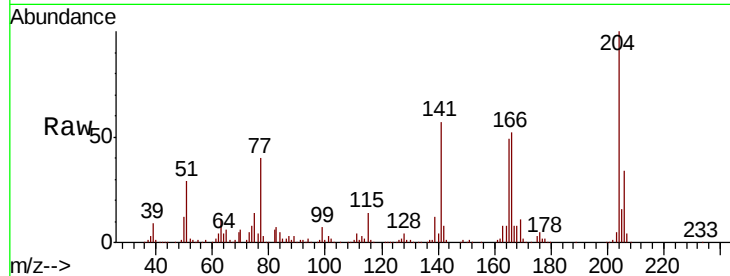




#61  
 4-Chlorophenyl-phenylether  
 Concen: 44.123 ng  
 RT: 15.72 min Scan# 2149  
 Delta R.T. -0.02 min  
 Lab File: BG040267.D  
 Acq: 1 Apr 2019 16:18

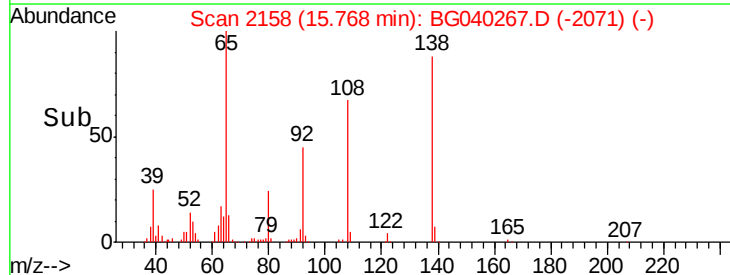
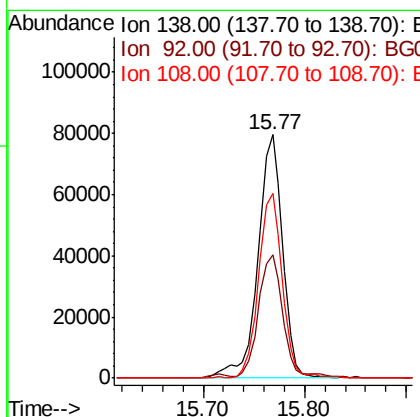
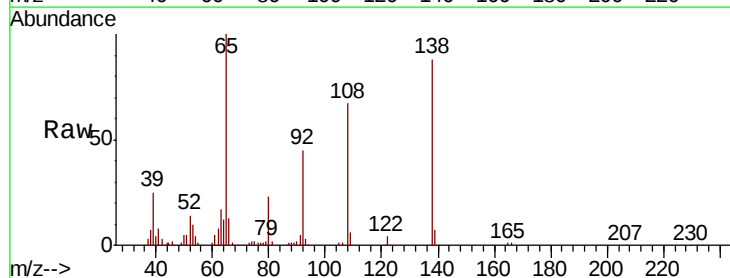
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB118426BSD

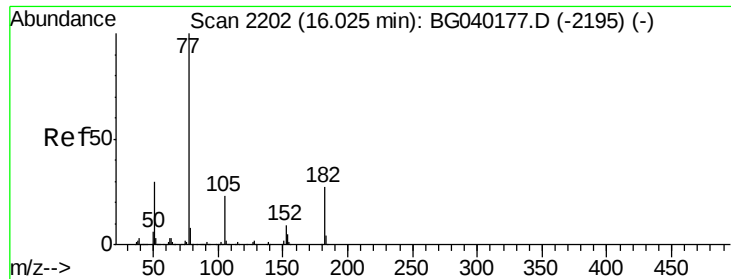
Tgt Ion:204 Resp: 259317  
 Ion Ratio Lower Upper  
 204 100  
 206 34.0 25.7 38.5  
 141 57.0 44.0 66.0



#62  
 4-Nitroaniline  
 Concen: 45.489 ng  
 RT: 15.77 min Scan# 2158  
 Delta R.T. -0.02 min  
 Lab File: BG040267.D  
 Acq: 1 Apr 2019 16:18

Tgt Ion:138 Resp: 134217  
 Ion Ratio Lower Upper  
 138 100  
 92 50.7 31.8 71.8  
 108 75.7 57.2 97.2

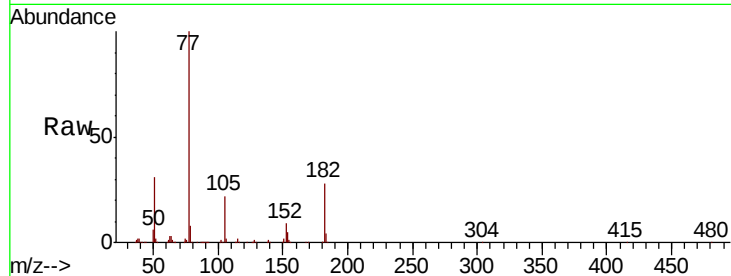




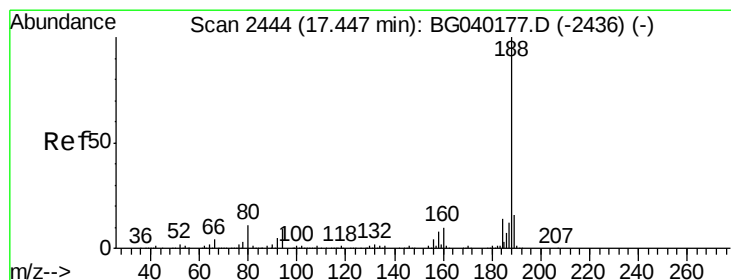
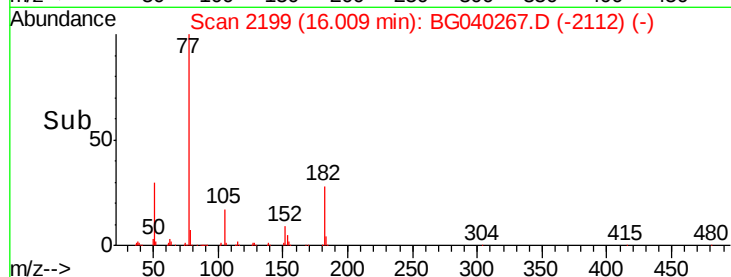
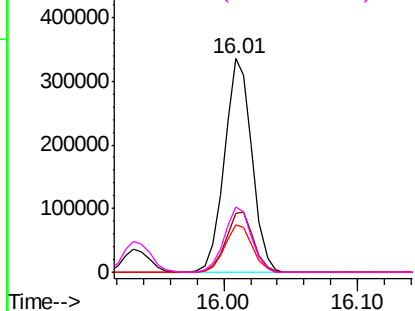
#63  
Azobenzene  
Concen: 43.083 ng  
RT: 16.01 min Scan# 2199  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB118426BSD

Tgt Ion: 77 Resp: 481046  
Ion Ratio Lower Upper  
77 100  
182 27.5 7.2 47.2  
105 22.3 2.8 42.8  
51 30.9 10.4 50.4

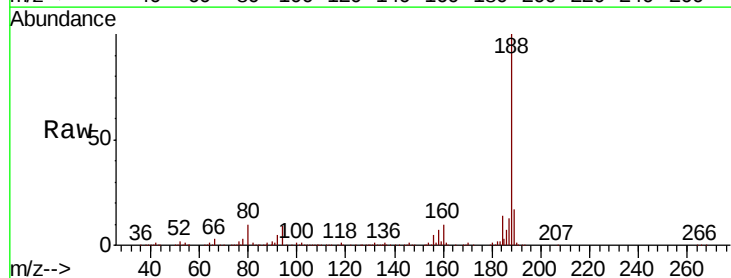


Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 182.00 (181.70 to 182.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC

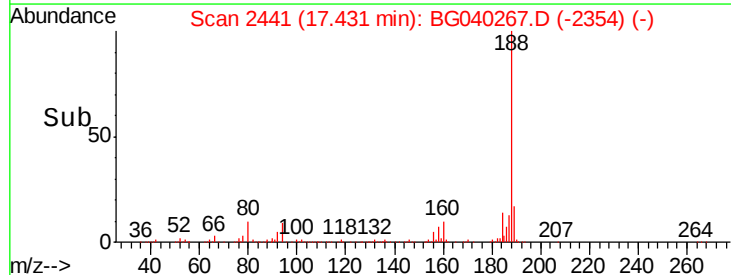
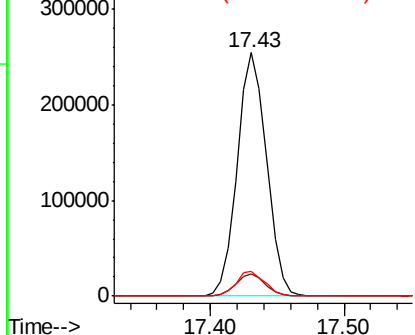


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.43 min Scan# 2441  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

Tgt Ion: 188 Resp: 385932  
Ion Ratio Lower Upper  
188 100  
94 9.3 7.0 10.4  
80 10.3 8.6 13.0



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





#65

4,6-Dinitro-2-methylphenol

Concen: 42.560 ng

RT: 15.81 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

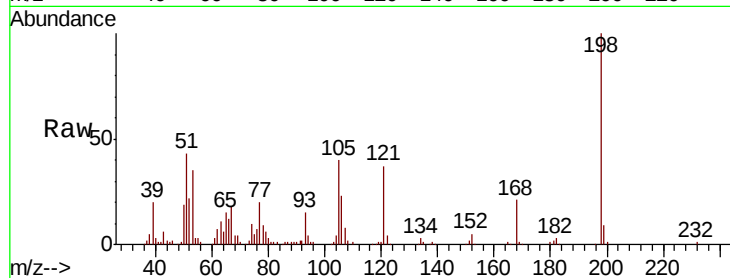
Tgt Ion:198 Resp: 92279

Ion Ratio Lower Upper

198 100

51 43.5 27.3 67.3

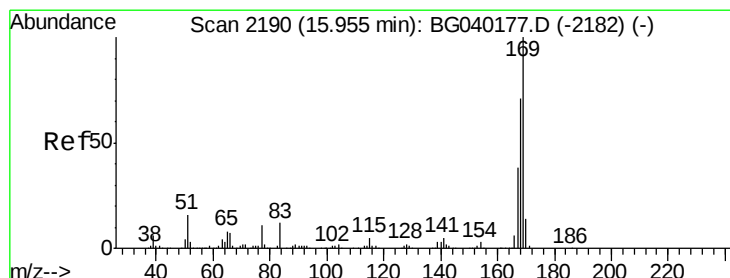
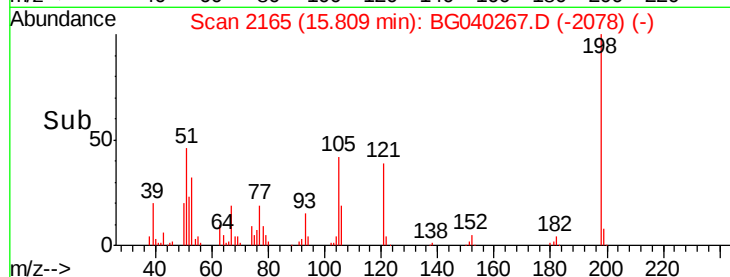
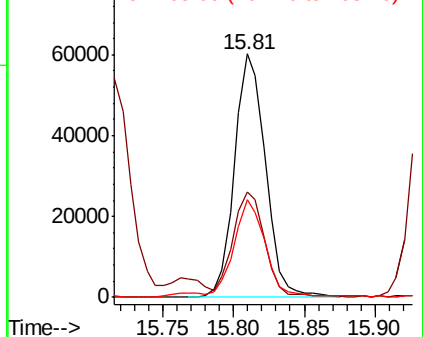
105 39.9 21.7 61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.453 ng

RT: 15.94 min Scan# 2187

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

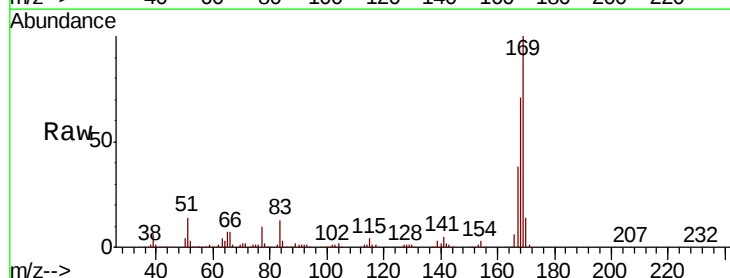
Tgt Ion:169 Resp: 456855

Ion Ratio Lower Upper

169 100

168 71.0 56.8 85.2

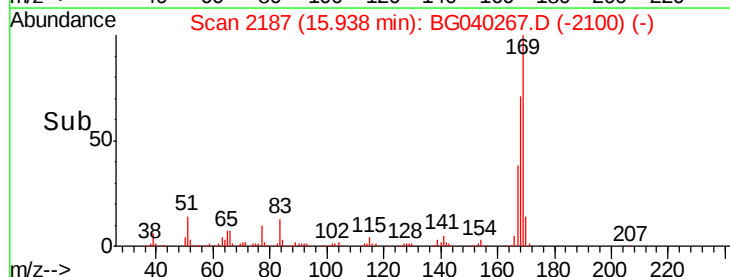
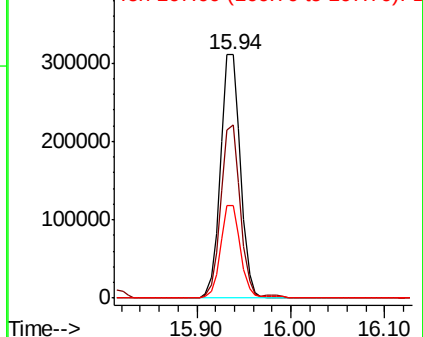
167 37.8 30.2 45.4

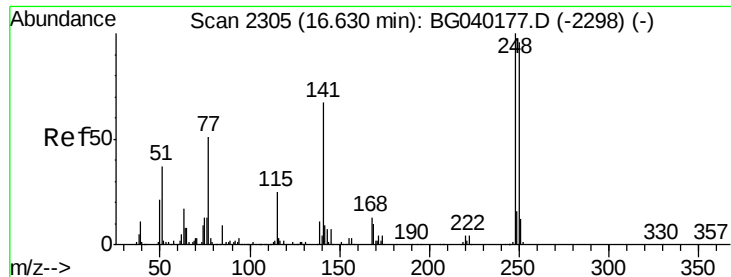


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

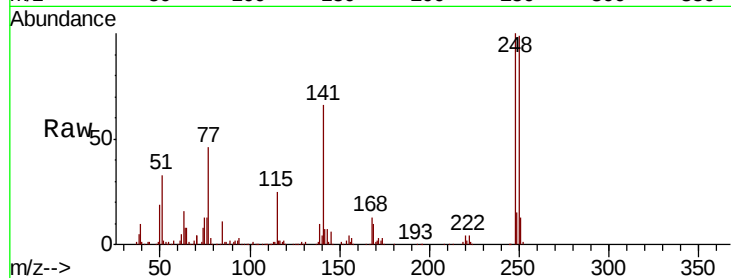




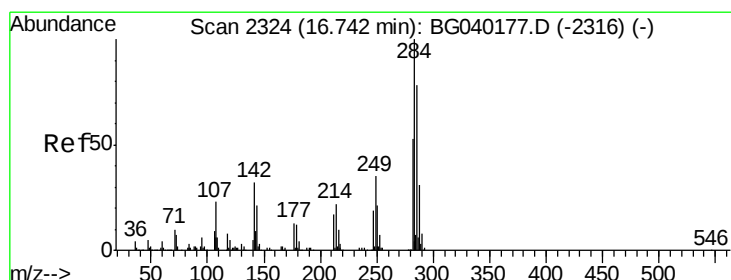
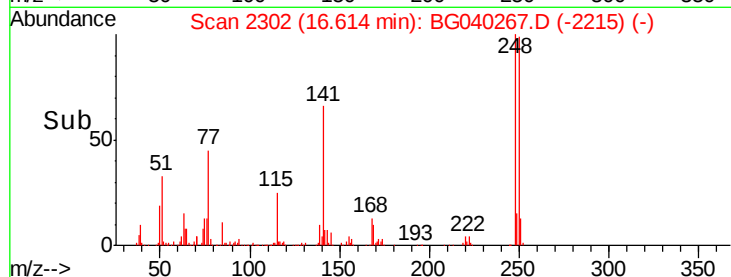
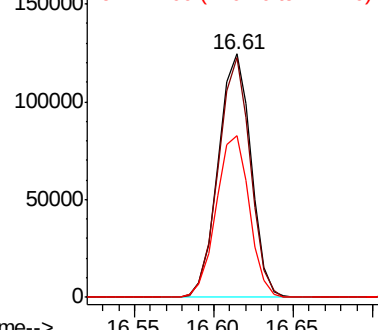
#67  
4-Bromophenyl-phenylether  
Concen: 41.017 ng  
RT: 16.61 min Scan# 2302  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

Instrument :  
BNA\_G  
ClientSampleId :  
PB118426BSD

Tgt Ion:248 Resp: 178140  
Ion Ratio Lower Upper  
248 100  
250 98.6 76.4 114.6  
141 66.5 53.8 80.8

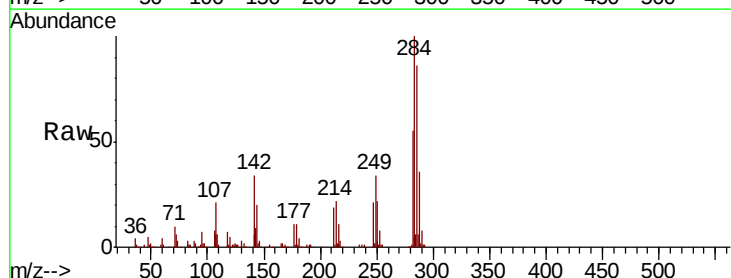


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

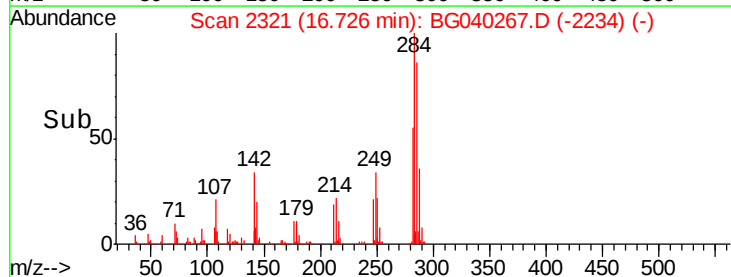
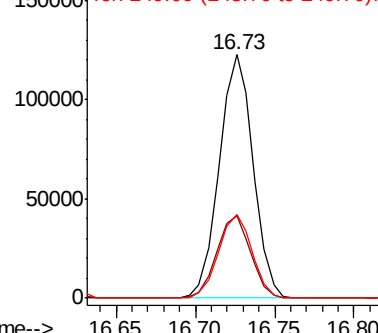


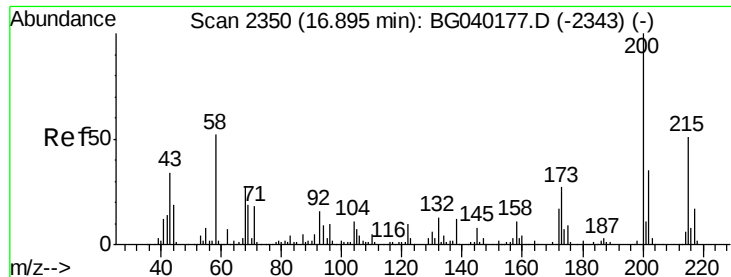
#68  
Hexachlorobenzene  
Concen: 41.458 ng  
RT: 16.73 min Scan# 2321  
Delta R.T. -0.02 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

Tgt Ion:284 Resp: 181036  
Ion Ratio Lower Upper  
284 100  
142 33.7 25.3 37.9  
249 34.2 28.2 42.2



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





#69

Atrazine

Concen: 41.257 ng

RT: 16.88 min Scan# 2347

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

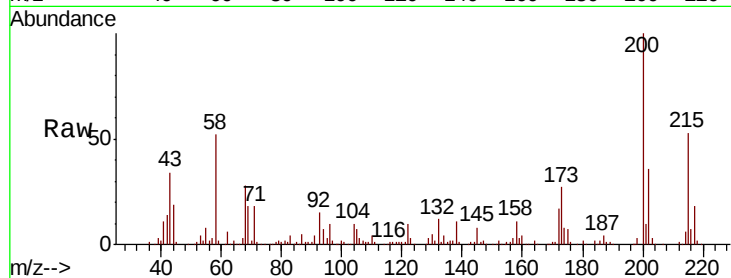
Tgt Ion:200 Resp: 173323

Ion Ratio Lower Upper

200 100

173 26.6 7.1 47.1

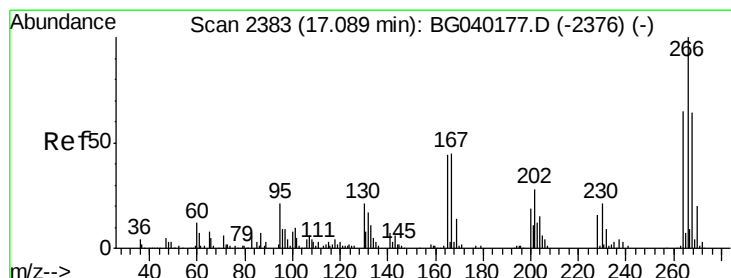
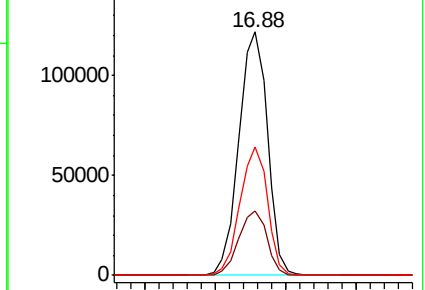
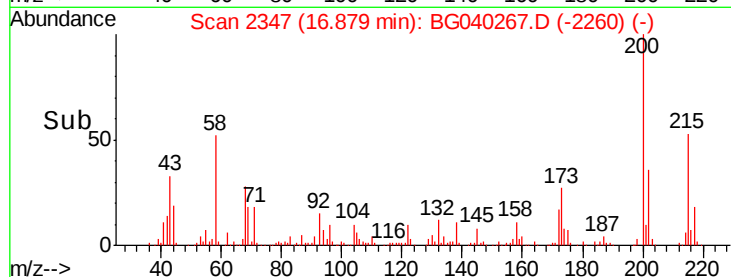
215 53.0 30.9 70.9



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: 81.900 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

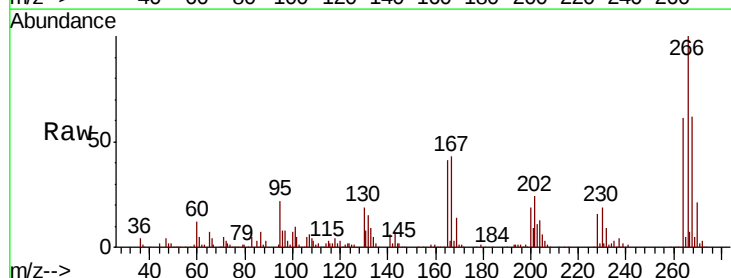
Tgt Ion:266 Resp: 206765

Ion Ratio Lower Upper

266 100

268 62.3 55.0 82.4

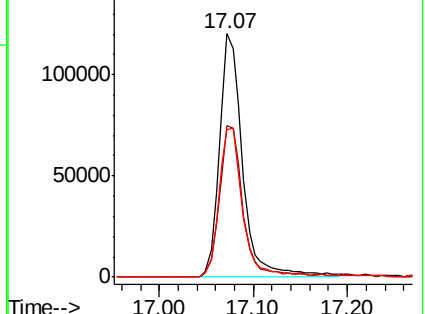
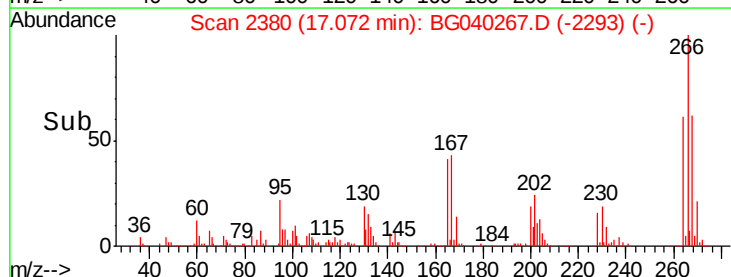
264 60.6 51.8 77.8

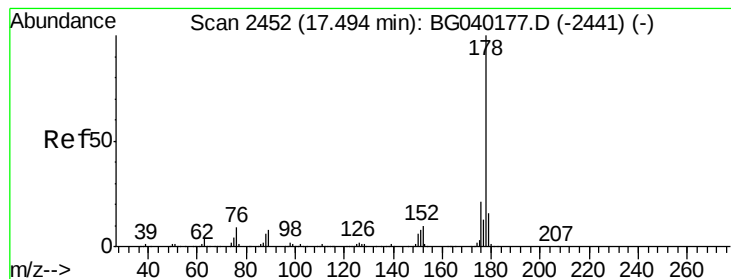


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 42.216 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

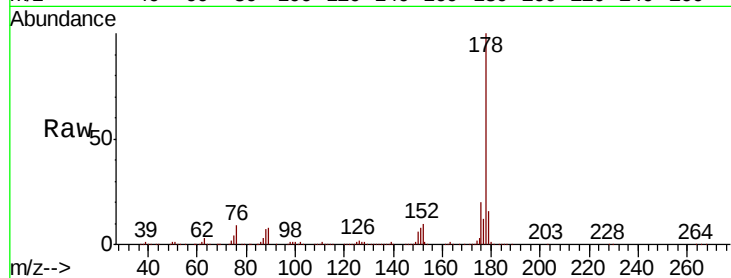
Tgt Ion:178 Resp: 856362

Ion Ratio Lower Upper

178 100

176 19.7 16.7 25.1

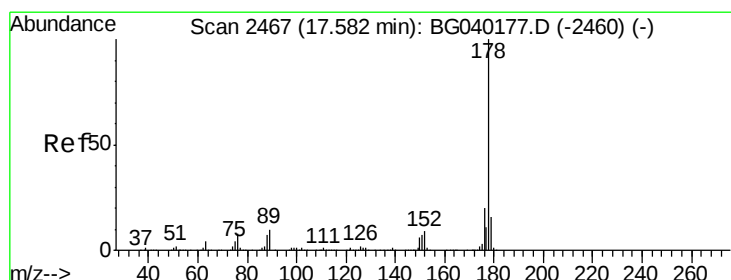
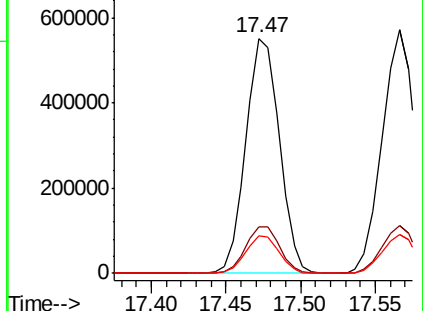
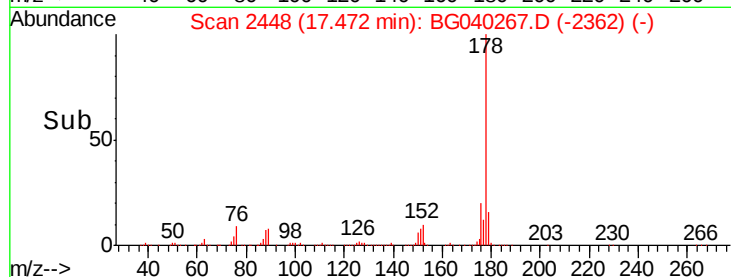
179 16.0 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.189 ng

RT: 17.57 min Scan# 2464

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

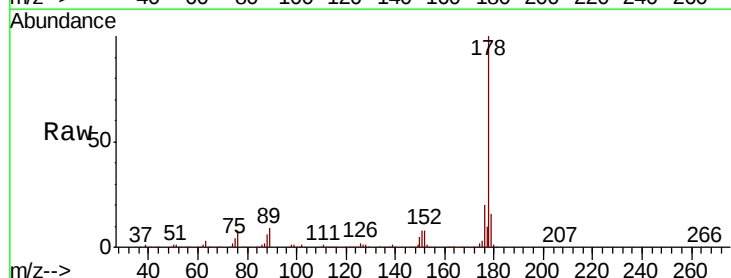
Tgt Ion:178 Resp: 876898

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

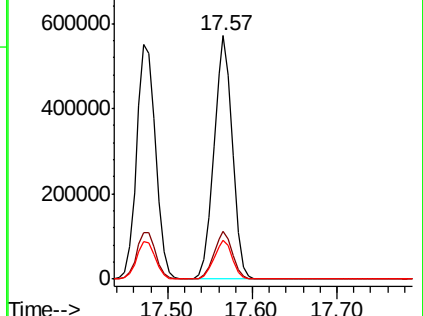
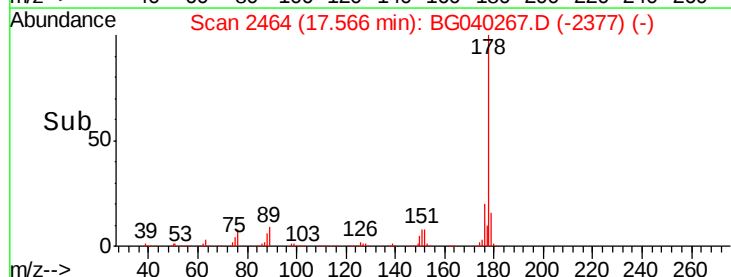
179 15.9 12.9 19.3

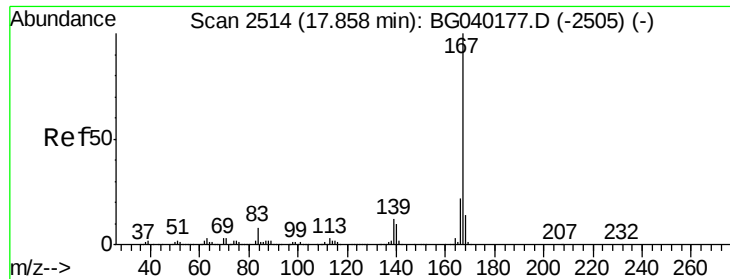


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.705 ng

RT: 17.84 min Scan# 2510

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

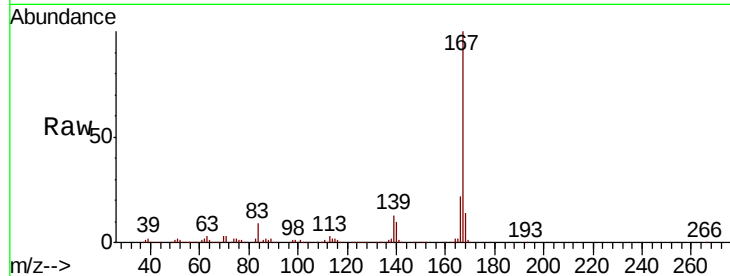
Tgt Ion:167 Resp: 801382

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

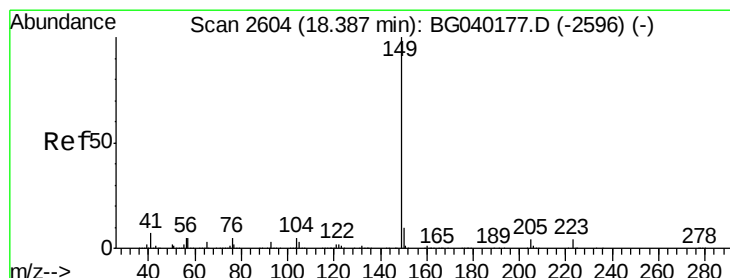
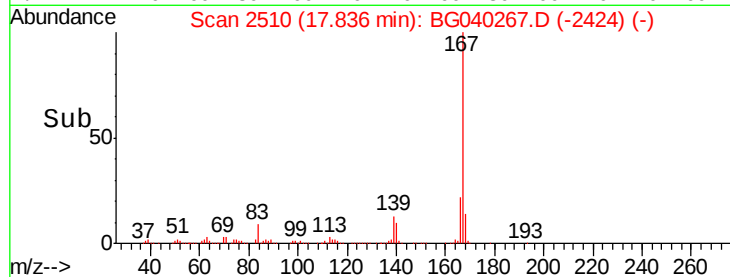
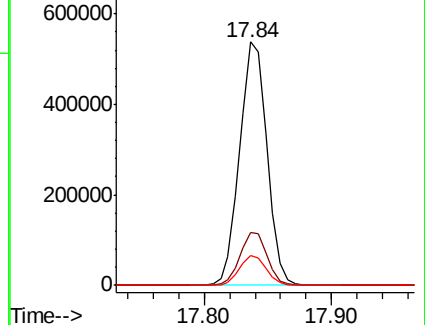
139 12.5 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.326 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

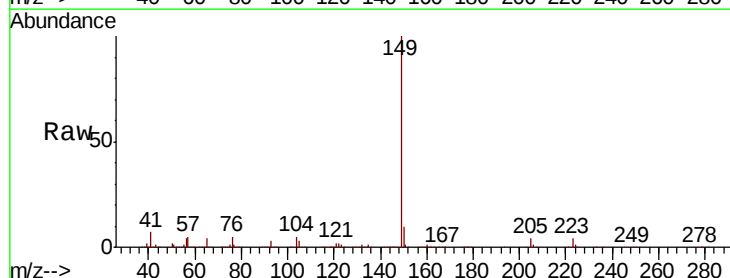
Tgt Ion:149 Resp: 941278

Ion Ratio Lower Upper

149 100

150 9.9 7.9 11.9

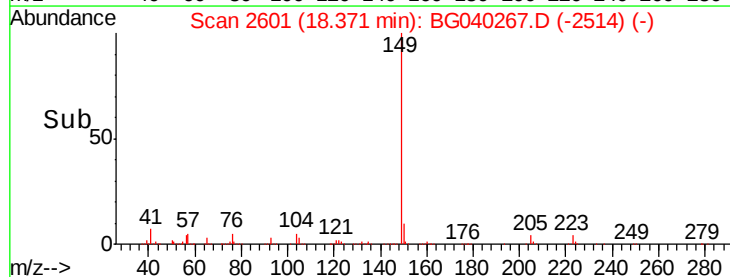
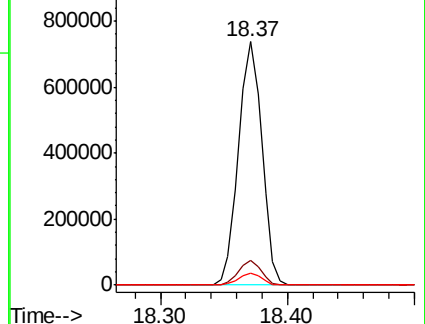
104 5.0 4.1 6.1

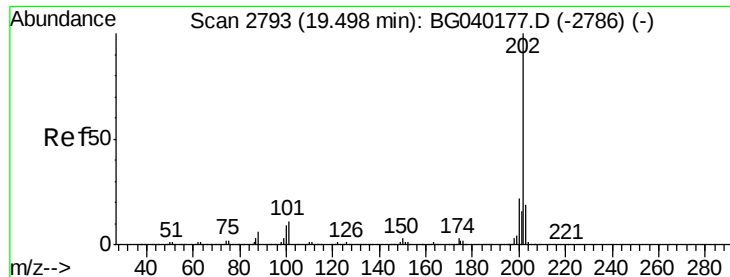


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 42.218 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

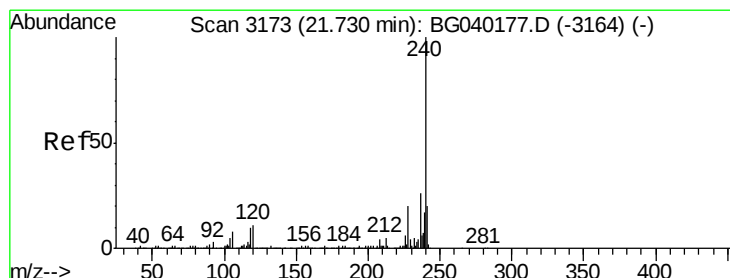
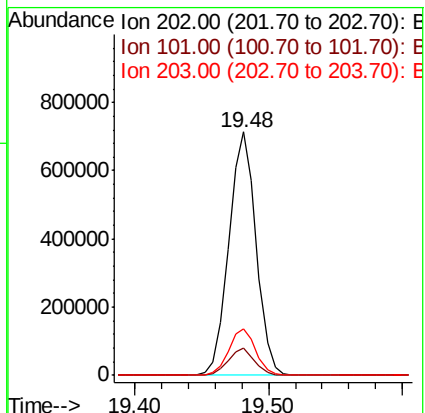
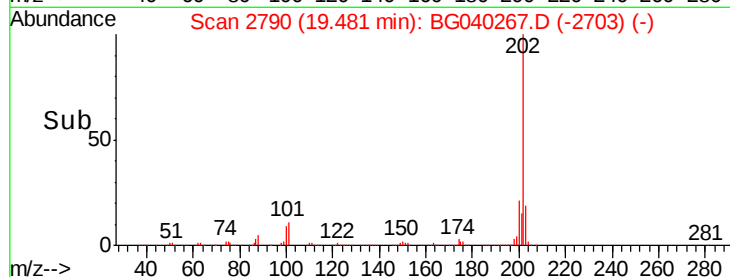
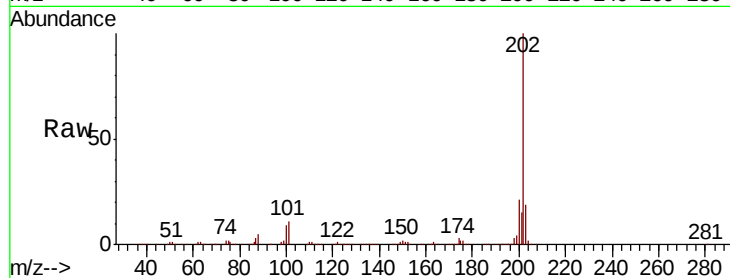
Tgt Ion:202 Resp: 1014085

Ion Ratio Lower Upper

202 100

101 11.0 0.0 30.8

203 18.9 0.0 38.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

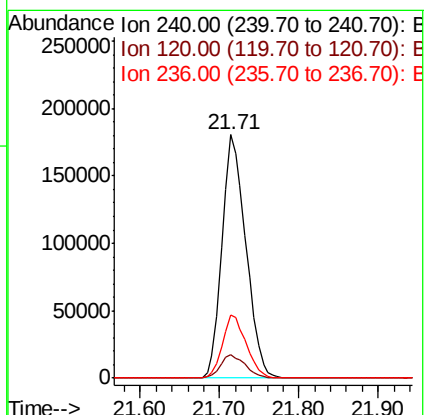
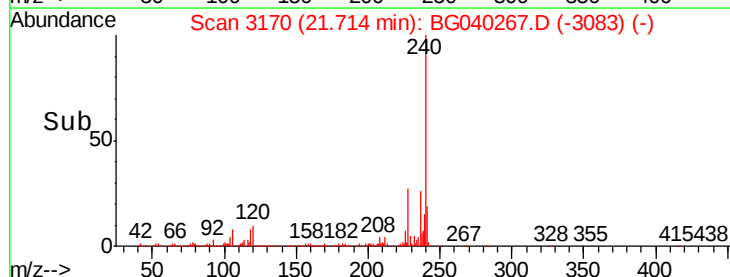
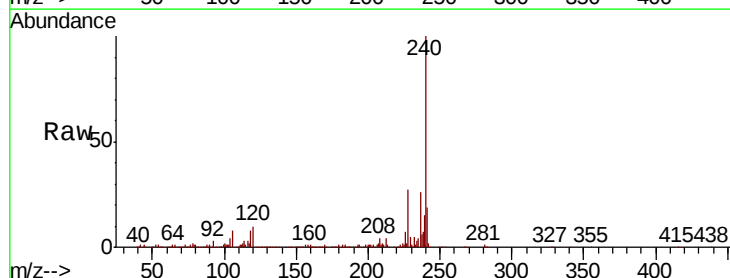
Tgt Ion:240 Resp: 376113

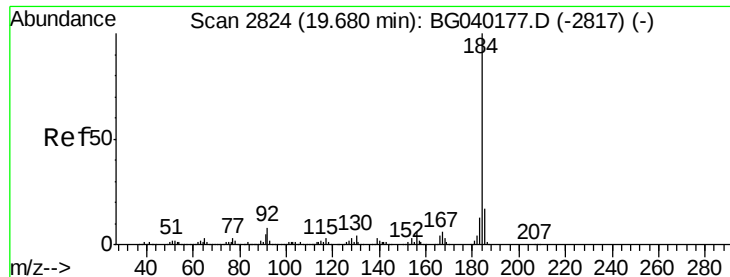
Ion Ratio Lower Upper

240 100

120 9.7 8.4 12.6

236 26.0 20.8 31.2





#77

Benzidine

Concen: 25.337 ng

RT: 19.67 min Scan# 2822

Delta R.T. -0.01 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

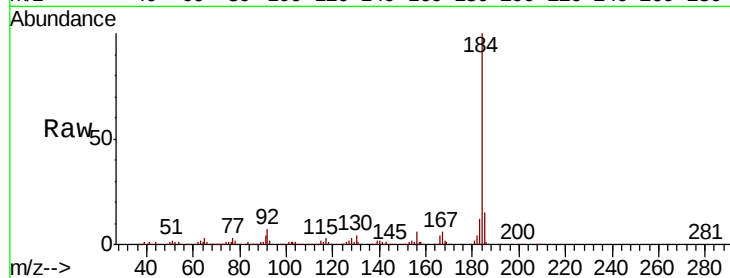
Tgt Ion:184 Resp: 344119

Ion Ratio Lower Upper

184 100

185 15.1 13.3 19.9

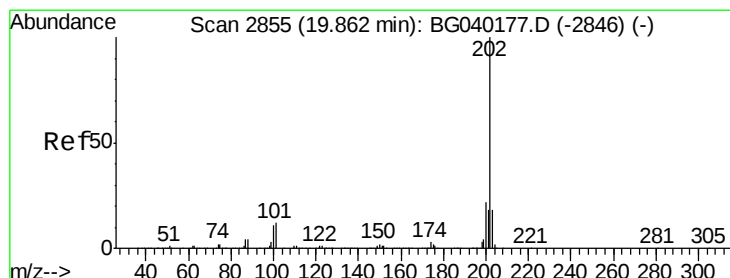
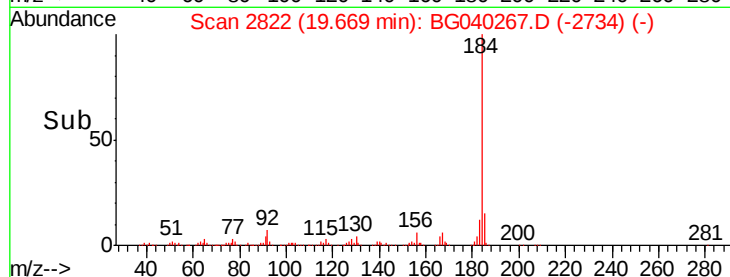
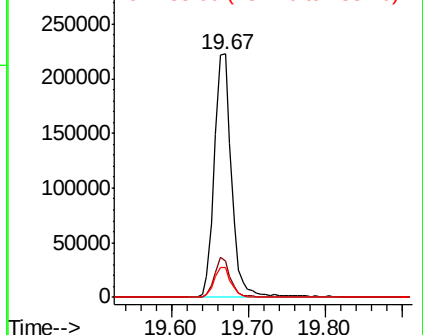
183 12.0 10.3 15.5



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: 41.620 ng

RT: 19.85 min Scan# 2852

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

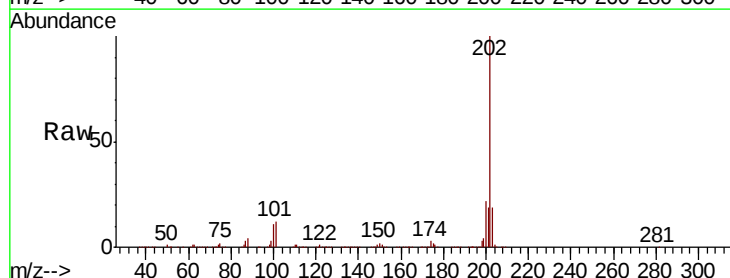
Tgt Ion:202 Resp: 1029410

Ion Ratio Lower Upper

202 100

200 21.8 17.3 25.9

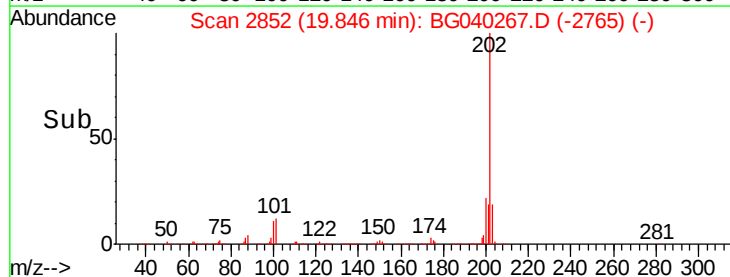
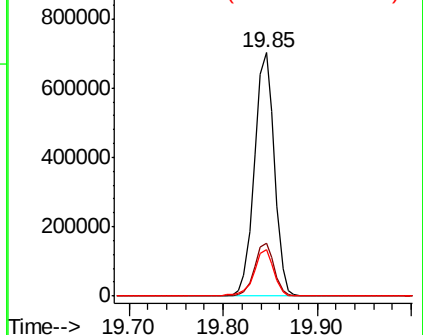
203 19.0 14.6 22.0

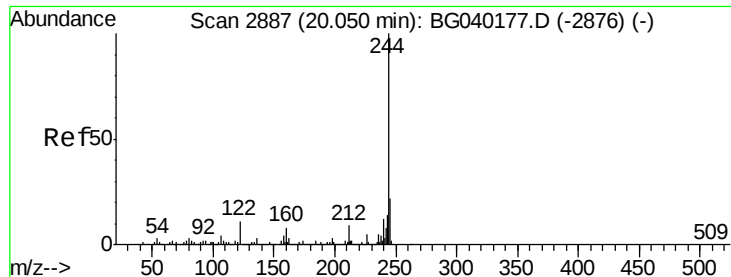


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.022 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

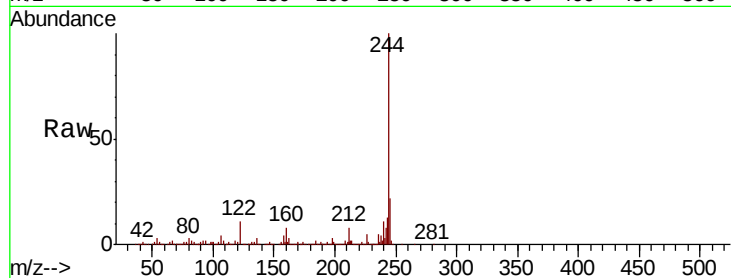
Tgt Ion:244 Resp: 1304427

Ion Ratio Lower Upper

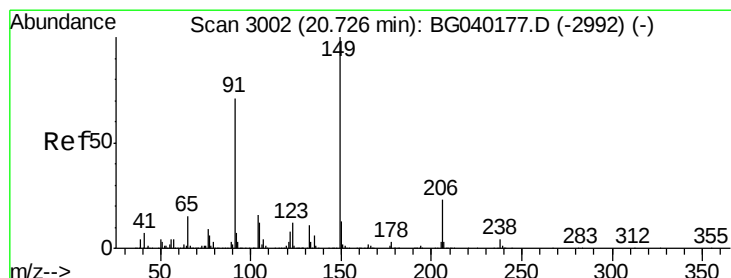
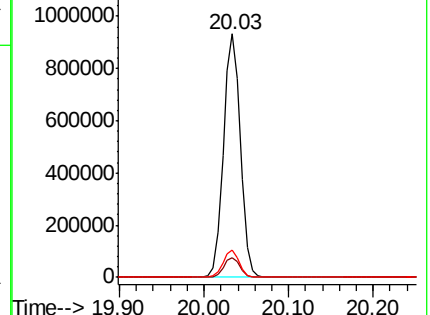
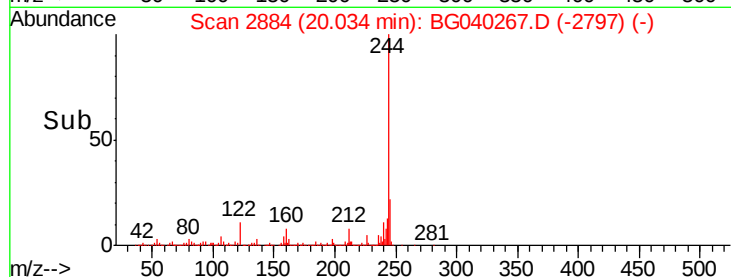
244 100

212 8.3 7.0 10.6

122 11.0 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: 40.842 ng

RT: 20.72 min Scan# 3000

Delta R.T. -0.01 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

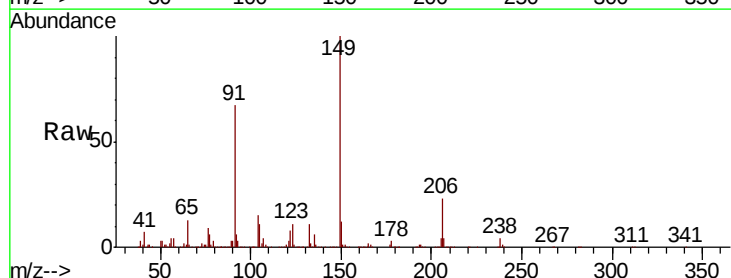
Tgt Ion:149 Resp: 432264

Ion Ratio Lower Upper

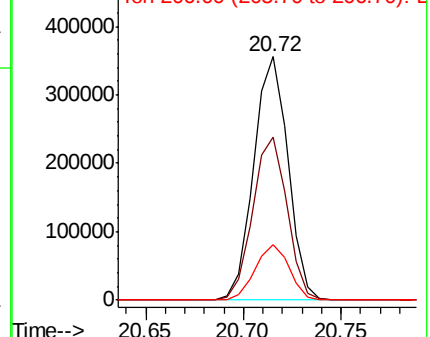
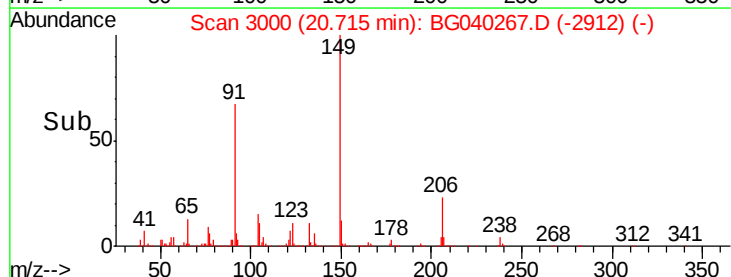
149 100

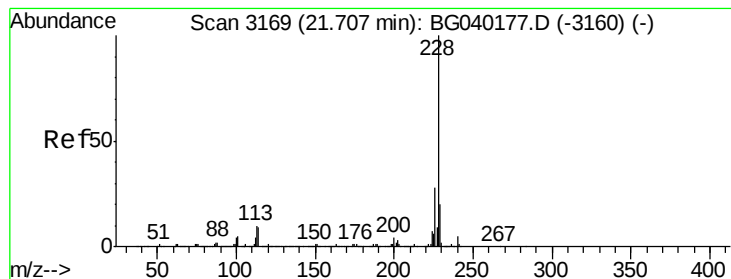
91 66.9 57.0 85.4

206 23.0 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: 40.195 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

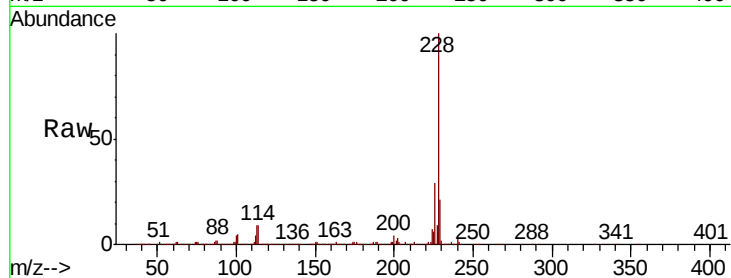
Tgt Ion:228 Resp: 931184

Ion Ratio Lower Upper

228 100

226 28.6 22.6 34.0

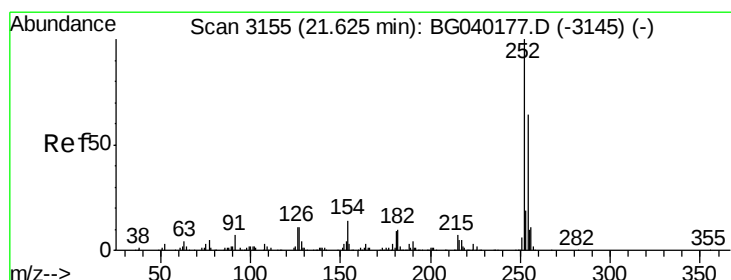
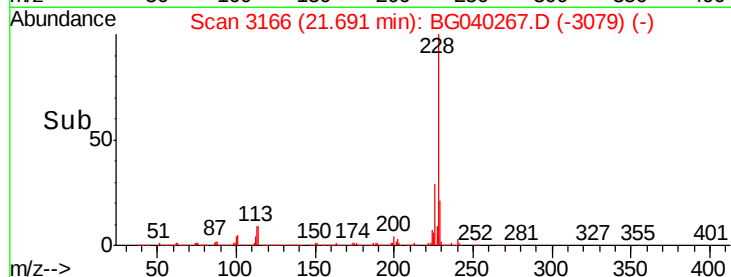
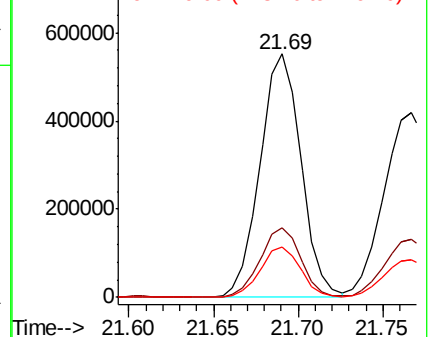
229 20.9 16.1 24.1



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: 25.774 ng

RT: 21.61 min Scan# 3152

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

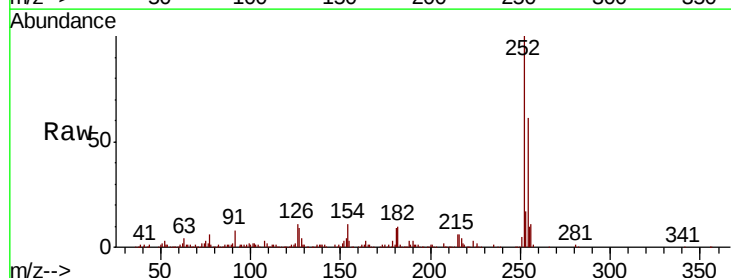
Tgt Ion:252 Resp: 227139

Ion Ratio Lower Upper

252 100

254 61.4 51.4 77.2

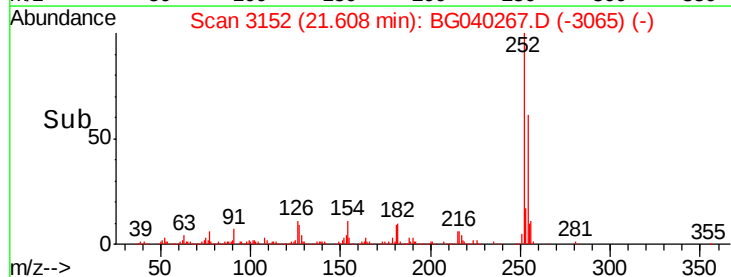
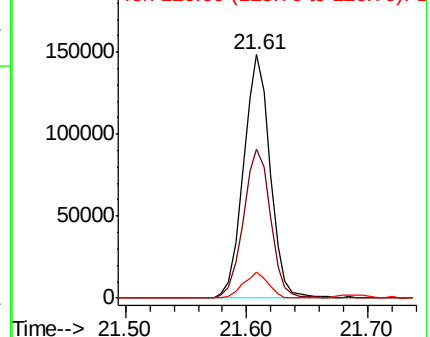
126 10.6 8.5 12.7

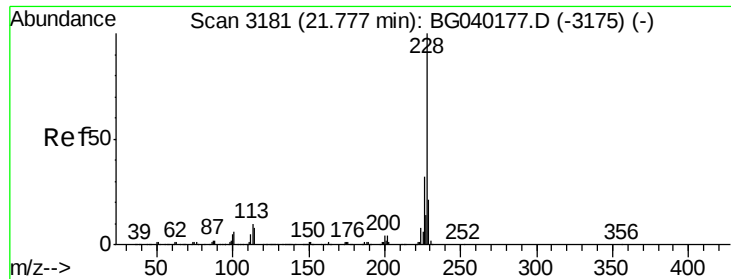


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 41.312 ng

RT: 21.77 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

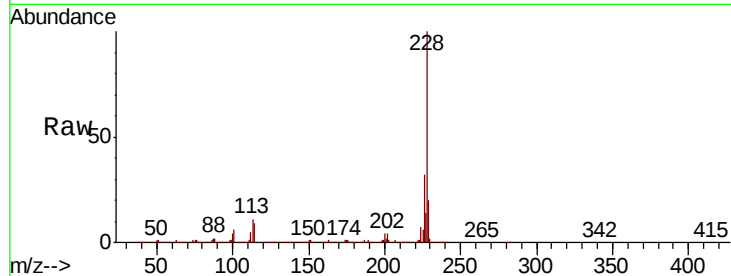
Tgt Ion:228 Resp: 919799

Ion Ratio Lower Upper

228 100

226 31.6 25.4 38.0

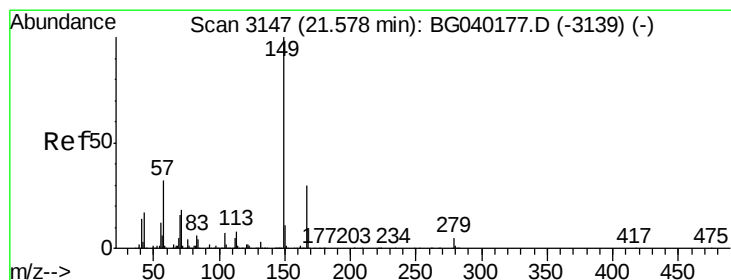
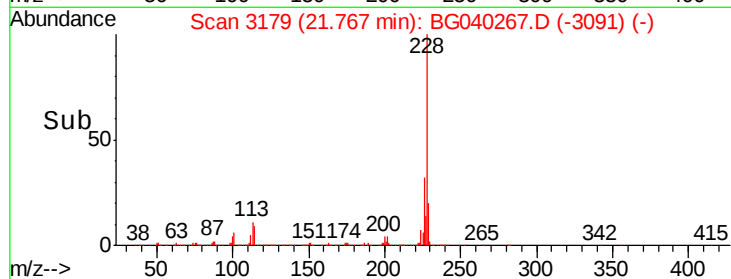
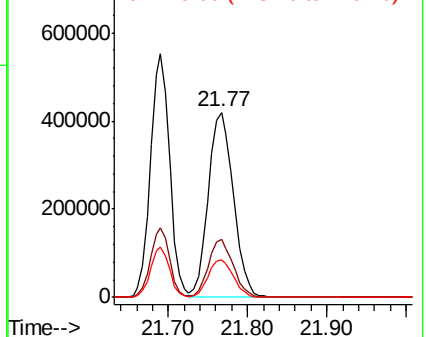
229 20.4 17.0 25.4



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: 40.478 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

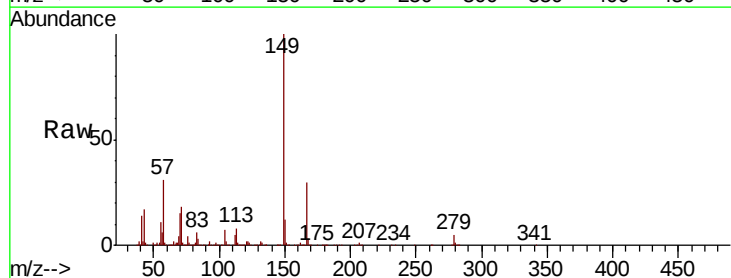
Tgt Ion:149 Resp: 612400

Ion Ratio Lower Upper

149 100

167 29.9 24.1 36.1

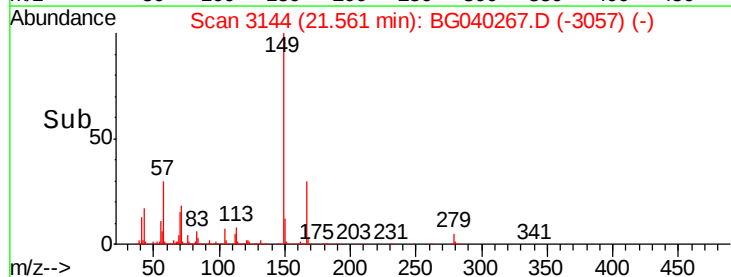
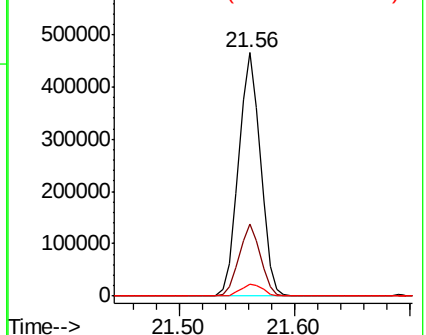
279 5.1 4.1 6.1

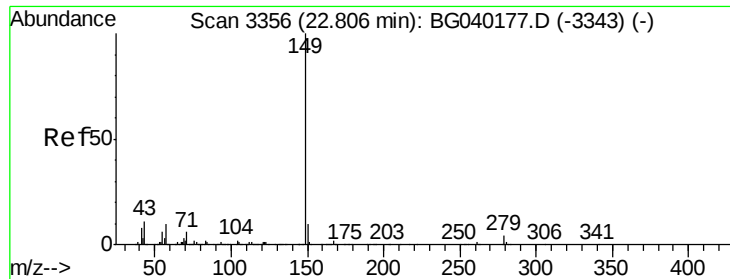


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.085 ng

RT: 22.80 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

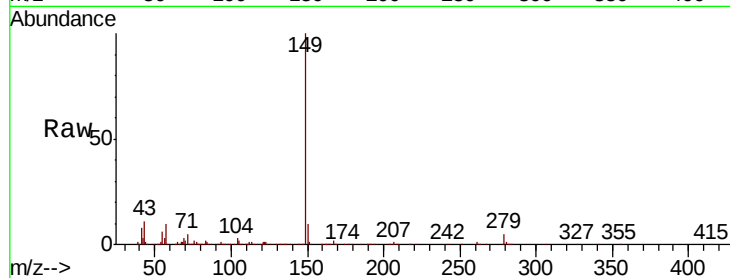
Tgt Ion:149 Resp: 1033256

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

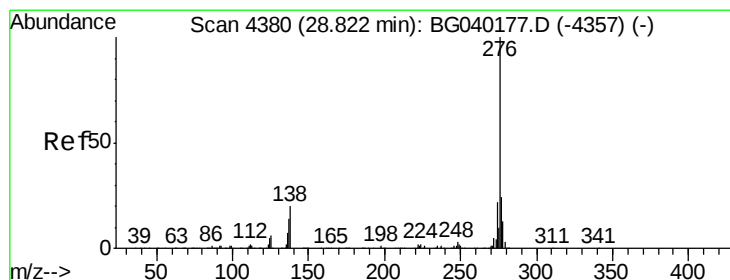
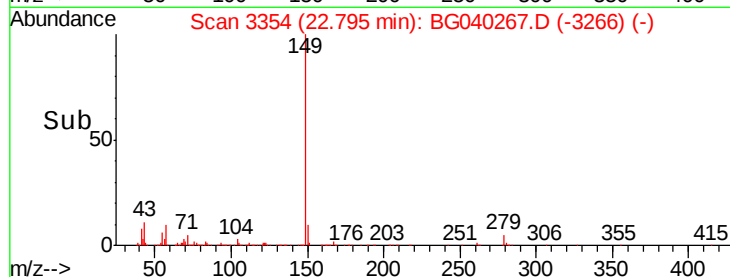
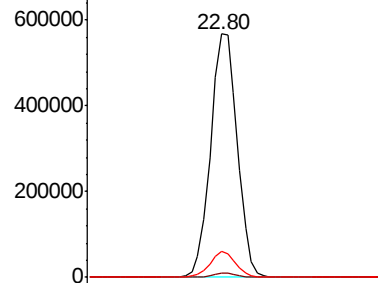
43 10.3 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.769 ng

RT: 28.83 min Scan# 4381

Delta R.T. 0.01 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

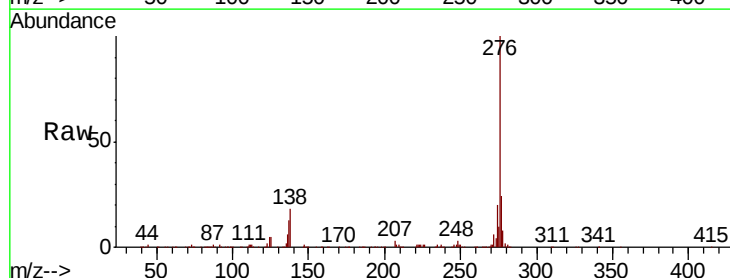
Tgt Ion:276 Resp: 1110175

Ion Ratio Lower Upper

276 100

138 8.1 18.8 28.2#

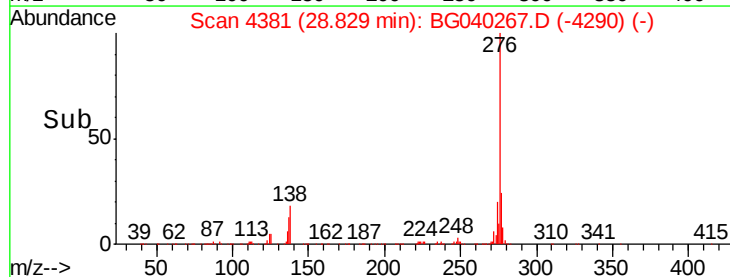
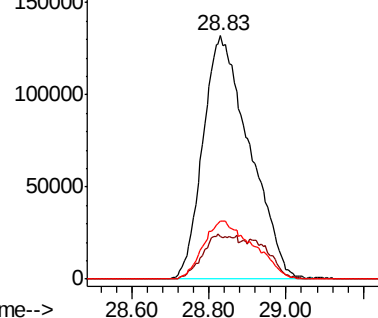
277 25.6 21.0 31.4

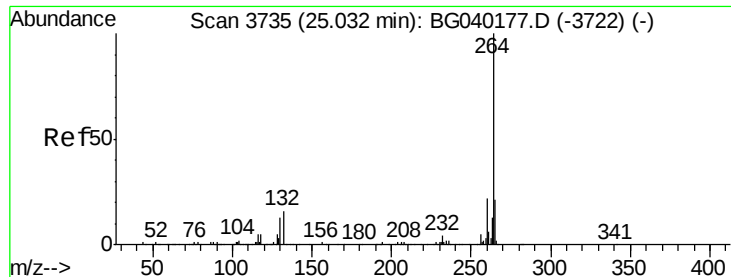


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.04 min Scan# 3736

Delta R.T. 0.01 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

Instrument :

BNA\_G

ClientSampleId :

PB118426BSD

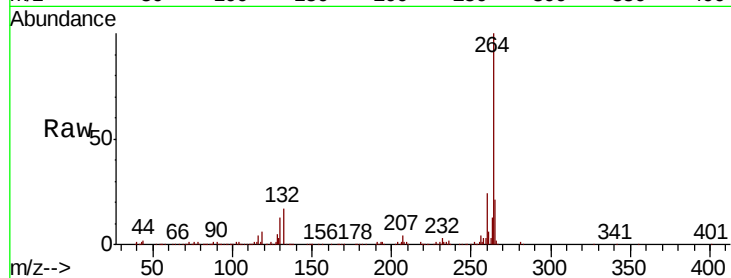
Tgt Ion:264 Resp: 355142

Ion Ratio Lower Upper

264 100

260 24.0 17.9 26.9

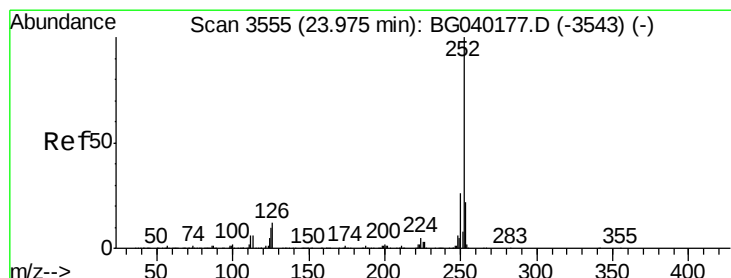
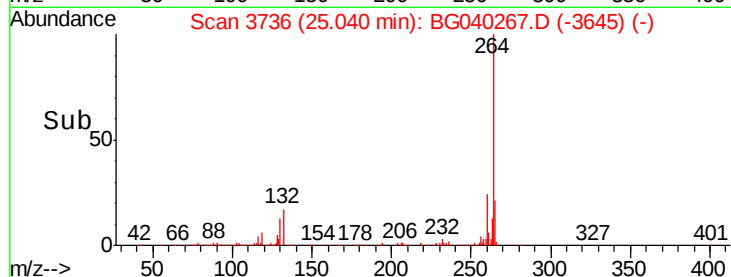
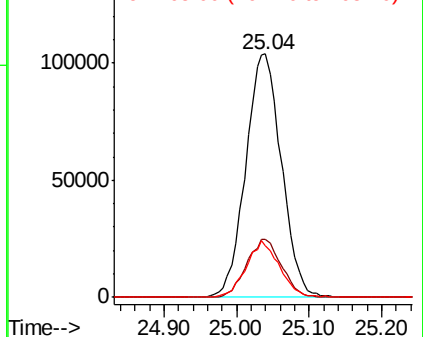
265 21.2 16.8 25.2



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: 44.787 ng

RT: 23.95 min Scan# 3551

Delta R.T. -0.02 min

Lab File: BG040267.D

Acq: 1 Apr 2019 16:18

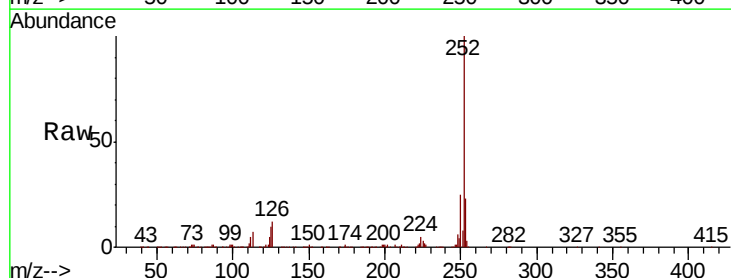
Tgt Ion:252 Resp: 973814

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

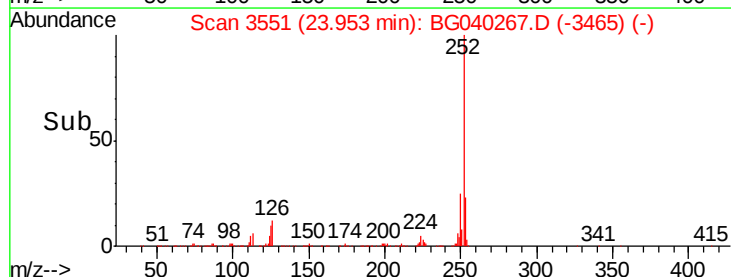
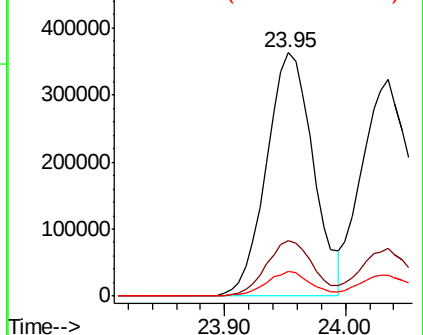
125 10.0 8.2 12.4

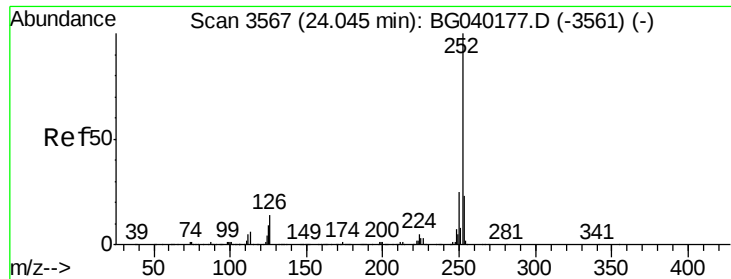


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

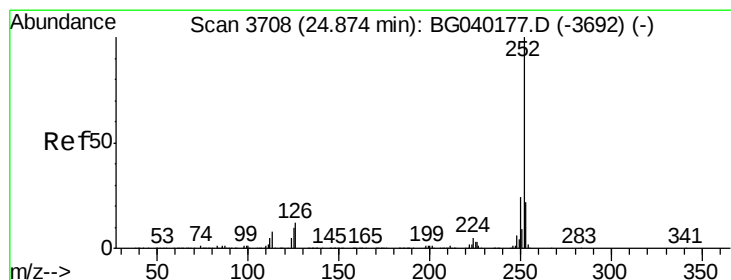
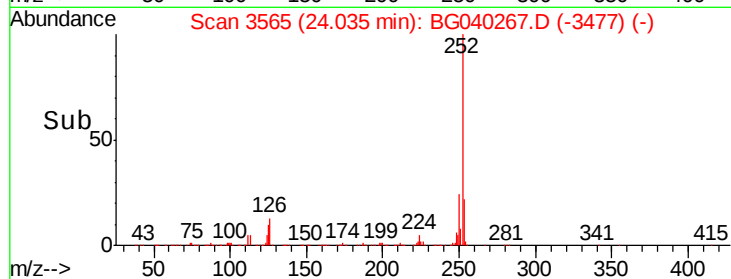
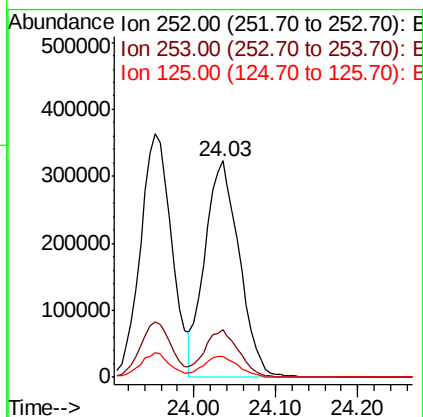
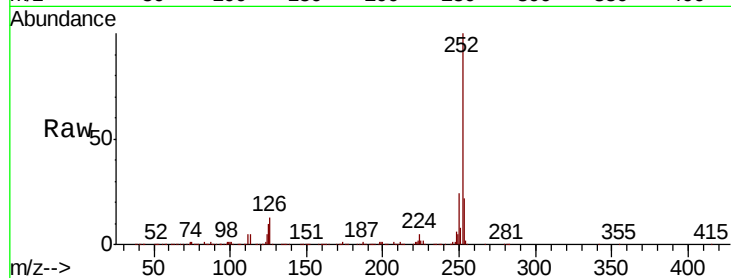




#89  
Benzo(k)fluoranthene  
Concen: 47.250 ng  
RT: 24.03 min Scan# 3565  
Delta R.T. -0.01 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

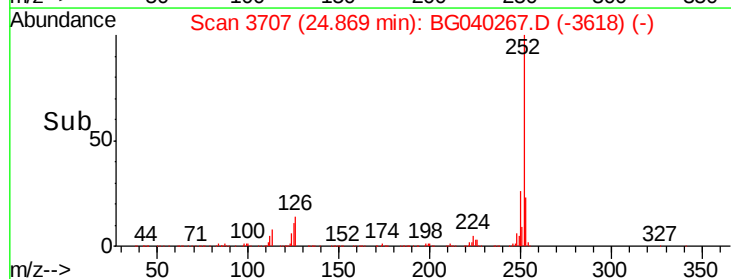
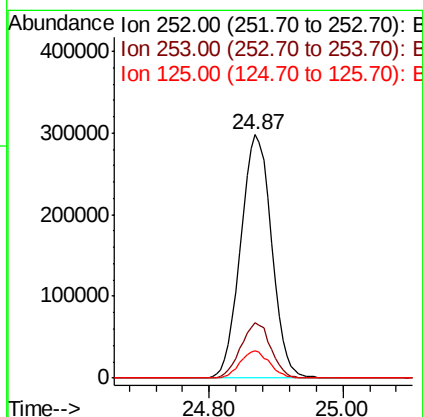
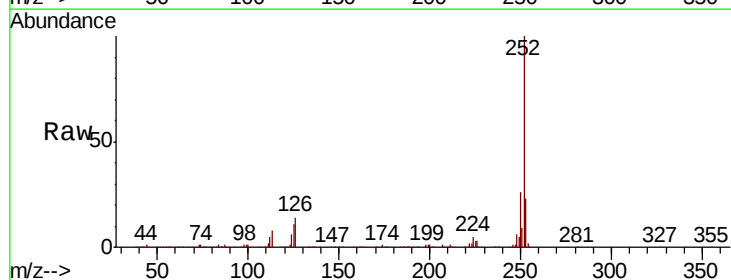
Instrument :  
BNA\_G  
ClientSampleId :  
PB118426BSD

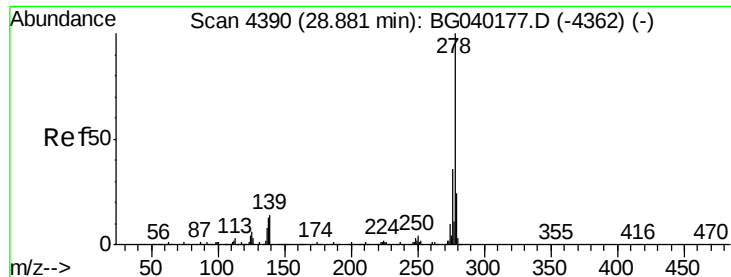
Tgt Ion:252 Resp: 944774  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.6 28.0  
125 9.5 7.3 10.9



#90  
Benzo(a)pyrene  
Concen: 46.615 ng  
RT: 24.87 min Scan# 3707  
Delta R.T. -0.00 min  
Lab File: BG040267.D  
Acq: 1 Apr 2019 16:18

Tgt Ion:252 Resp: 950976  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.8 26.8  
125 11.2 8.3 12.5

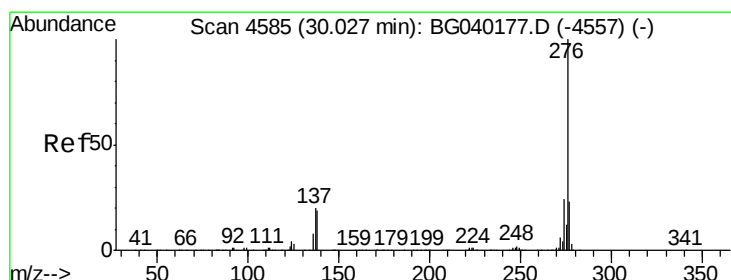
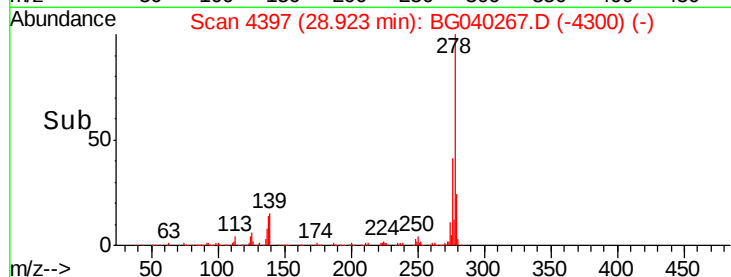
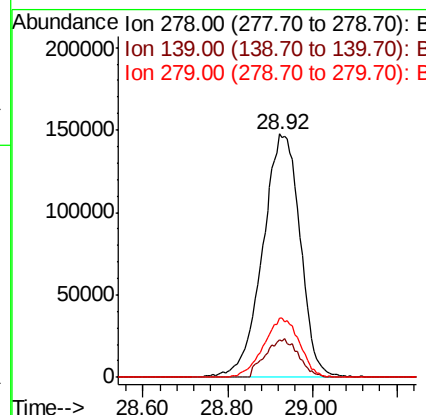
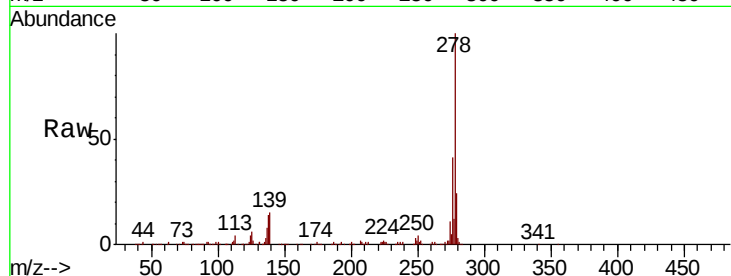




#91  
 Dibenzo(a,h)anthracene  
 Concen: 47.750 ng  
 RT: 28.92 min Scan# 4397  
 Delta R.T. 0.04 min  
 Lab File: BG040267.D  
 Acq: 1 Apr 2019 16:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB118426BSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 15.4  | 11.2  | 16.8  |
| 279     | 24.2  | 18.9  | 28.3  |



#92  
 Benzo(g,h,i)perylene  
 Concen: 47.026 ng  
 RT: 30.13 min Scan# 4602  
 Delta R.T. 0.10 min  
 Lab File: BG040267.D  
 Acq: 1 Apr 2019 16:18

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.6  | 18.6  | 28.0  |
| 138     | 20.7  | 15.2  | 22.8  |

