

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG041516\  
 Data File : BG021699.D  
 Acq On : 15 Apr 2016 23:54  
 Operator : UM/SJ  
 Sample : H2559-07MS  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Quant Time: Apr 16 02:21:25 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG041316.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 13 15:48:13 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.21  | 152  | 30386    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.03 | 136  | 124813   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.82 | 164  | 81056    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.56 | 188  | 208277   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.83 | 240  | 228677   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.16 | 264  | 226458   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.77  | 112 | 248621 | 136.25 | ng | 0.02 |
| 7) Phenol-d6             | 7.38  | 99  | 339629 | 124.61 | ng | 0.02 |
| 23) Nitrobenzene-d5      | 9.39  | 82  | 229342 | 94.45  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.30 | 330 | 165040 | 188.92 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.45 | 172 | 526834 | 95.23  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.15 | 244 | 881087 | 96.14  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |        |    | Qvalue |
|--------------------------------|-------|-----|--------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.64  | 88  | 25486  | 31.38  | ng | # 46   |
| 3) Pyridine                    | 4.05  | 79  | 66848  | 27.43  | ng | 91     |
| 4) n-Nitrosodimethylamine      | 3.95  | 42  | 44260  | 36.64  | ng | # 82   |
| 6) Aniline                     | 7.54  | 93  | 109662 | 30.42  | ng | 95     |
| 8) 2-Chlorophenol              | 7.78  | 128 | 92383  | 42.23  | ng | 95     |
| 9) Benzaldehyde                | 7.35  | 77  | 26189  | 16.62  | ng | 94     |
| 10) Phenol                     | 7.41  | 94  | 114663 | 39.11  | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.63  | 93  | 91284  | 38.91  | ng | 94     |
| 12) 1,3-Dichlorobenzene        | 8.11  | 146 | 92740  | 37.96  | ng | 96     |
| 13) 1,4-Dichlorobenzene        | 8.25  | 146 | 94578  | 38.03  | ng | 95     |
| 14) 1,2-Dichlorobenzene        | 8.57  | 146 | 93491  | 39.18  | ng | 99     |
| 15) Benzyl Alcohol             | 8.45  | 79  | 94477  | 45.36  | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.75  | 45  | 176366 | 35.09  | ng | 100    |
| 17) 2-Methylphenol             | 8.66  | 107 | 86340  | 42.60  | ng | 93     |
| 18) Hexachloroethane           | 9.31  | 117 | 34738  | 38.38  | ng | # 72   |
| 19) n-Nitroso-di-n-propylamine | 9.02  | 70  | 80582  | 38.05  | ng | # 95   |
| 20) 3+4-Methylphenols          | 8.99  | 107 | 118469 | 42.71  | ng | 98     |
| 22) Acetophenone               | 9.04  | 105 | 146370 | 42.10  | ng | # 98   |
| 24) Nitrobenzene               | 9.43  | 77  | 113965 | 43.83  | ng | 95     |
| 25) Isophorone                 | 9.95  | 82  | 222932 | 41.95  | ng | 98     |
| 26) 2-Nitrophenol              | 10.14 | 139 | 51602  | 51.98  | ng | 98     |
| 27) 2,4-Dimethylphenol         | 10.20 | 122 | 98123  | 43.52  | ng | 97     |
| 28) bis(2-Chloroethoxy)methane | 10.43 | 93  | 130467 | 46.20  | ng | 92     |
| 29) 2,4-Dichlorophenol         | 10.68 | 162 | 97256  | 50.59  | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.89 | 180 | 91654  | 44.34  | ng | 95     |
| 31) Naphthalene                | 11.09 | 128 | 295979 | 44.31  | ng | # 94   |
| 32) Benzoic acid               | 10.33 | 122 | 56703  | 44.93  | ng | 97     |
| 33) 4-Chloroaniline            | 11.19 | 127 | 48101  | 16.63  | ng | 98     |
| 34) Hexachlorobutadiene        | 11.36 | 225 | 58010  | 43.51  | ng | 94     |
| 35) Caprolactam                | 11.99 | 113 | 22823  | 25.94  | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 12.30 | 107 | 121949 | 50.44  | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.67 | 142 | 219264 | 47.82  | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.03 | 216 | 108922 | 43.00  | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 13.01 | 237 | 145692 | 103.54 | ng | 100    |

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 ALS Vial : 10 Sample Multiplier: 1

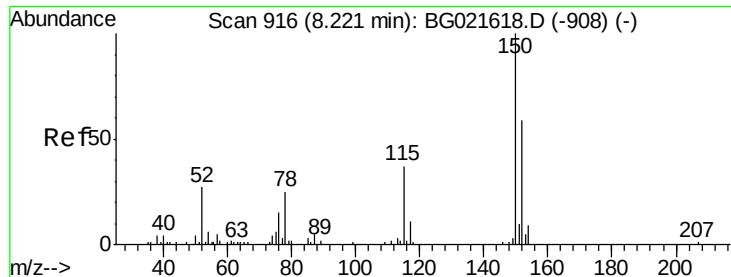
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.27 | 196  | 80488    | 49.83  | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.35 | 196  | 90206    | 51.75  | ng    | 95       |
| 45) 1,1'-Biphenyl              | 13.67 | 154  | 291184   | 42.64  | ng    | 97       |
| 46) 2-Chloronaphthalene        | 13.71 | 162  | 222402   | 44.05  | ng    | 99       |
| 47) 2-Nitroaniline             | 13.91 | 65   | 90503    | 52.28  | ng    | 97       |
| 48) Acenaphthylene             | 14.55 | 152  | 376935   | 45.16  | ng    | 98       |
| 49) Dimethylphthalate          | 14.28 | 163  | 322458   | 46.01  | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.39 | 165  | 71266    | 53.33  | ng    | 99       |
| 51) Acenaphthene               | 14.89 | 154  | 241102   | 45.18  | ng    | 98       |
| 52) 3-Nitroaniline             | 14.73 | 138  | 59224    | 39.96  | ng    | 98       |
| 53) 2,4-Dinitrophenol          | 14.93 | 184  | 73465    | 137.04 | ng    | 95       |
| 54) Dibenzofuran               | 15.22 | 168  | 380821   | 52.26  | ng    | 100      |
| 55) 4-Nitrophenol              | 15.04 | 139  | 131513   | 103.64 | ng    | 99       |
| 56) 2,4-Dinitrotoluene         | 15.18 | 165  | 106039   | 58.71  | ng    | 95       |
| 57) Fluorene                   | 15.86 | 166  | 315170   | 48.43  | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.45 | 232  | 85444    | 59.08  | ng    | 100      |
| 59) Diethylphthalate           | 15.63 | 149  | 358527   | 49.01  | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 15.85 | 204  | 154153   | 48.09  | ng    | 98       |
| 61) 4-Nitroaniline             | 15.89 | 138  | 84576    | 51.86  | ng    | 98       |
| 62) Azobenzene                 | 16.14 | 77   | 323292   | 51.57  | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 15.93 | 198  | 52513    | 59.13  | ng    | 98       |
| 65) n-Nitrosodiphenylamine     | 16.07 | 169  | 289547   | 46.35  | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.74 | 248  | 105206   | 47.15  | ng    | 95       |
| 67) Hexachlorobenzene          | 16.86 | 284  | 109604   | 46.53  | ng    | 94       |
| 68) Atrazine                   | 17.01 | 200  | 113225   | 45.90  | ng    | 99       |
| 69) Pentachlorophenol          | 17.21 | 266  | 124854   | 92.84  | ng    | 95       |
| 70) Phenanthrene               | 17.60 | 178  | 541206   | 47.15  | ng    | 98       |
| 71) Anthracene                 | 17.69 | 178  | 545931   | 46.85  | ng    | 97       |
| 72) Carbazole                  | 17.96 | 167  | 511917   | 47.07  | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.50 | 149  | 633762   | 45.81  | ng    | 99       |
| 74) Fluoranthene               | 19.59 | 202  | 623749   | 45.51  | ng    | 98       |
| 76) Benzidine                  | 19.77 | 184  | 29115    | 4.09   | ng    | # 90     |
| 77) Pyrene                     | 19.95 | 202  | 633915   | 48.08  | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.82 | 149  | 287874   | 47.03  | ng    | 99       |
| 80) Benzo(a)anthracene         | 21.81 | 228  | 623043   | 47.34  | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.72 | 252  | 112746   | 10.82  | ng    | 100      |
| 82) Chrysene                   | 21.88 | 228  | 575811   | 45.54  | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.70 | 149  | 411213   | 45.93  | ng    | 98       |
| 84) Di-n-octyl phthalate       | 22.95 | 149  | 714182   | 47.62  | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 28.98 | 276  | 725955   | 48.30  | ng    | # 96     |
| 87) Benzo(b)fluoranthene       | 24.11 | 252  | 639413   | 48.66  | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 24.18 | 252  | 595791   | 46.37  | ng    | 98       |
| 89) Benzo(a)pyrene             | 25.01 | 252  | 609856   | 47.90  | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 29.05 | 278  | 608820   | 47.70  | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 30.19 | 276  | 595208   | 47.52  | ng    | 96       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021699.D

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Instrument :

BNA\_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

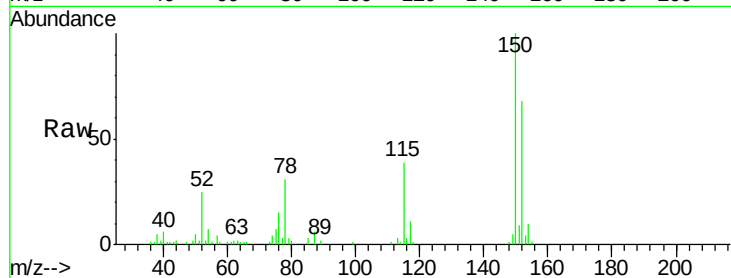
Tgt Ion:152 Resp: 30386

Ion Ratio Lower Upper

152 100

150 146.6 130.1 195.1

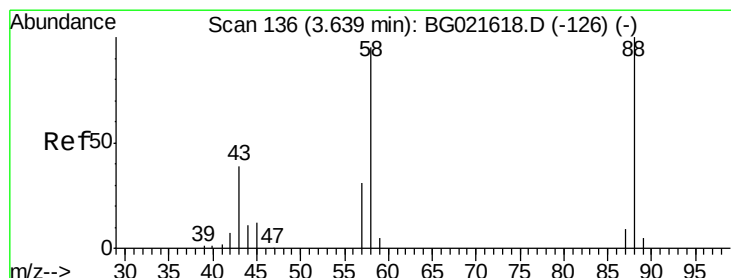
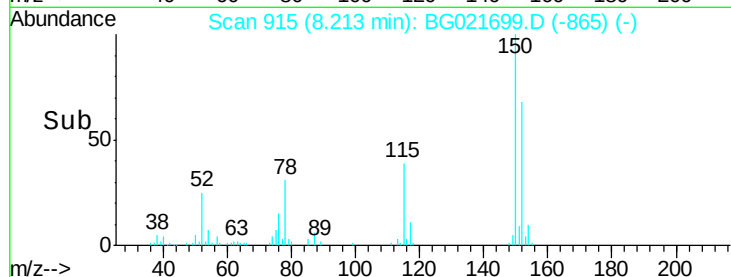
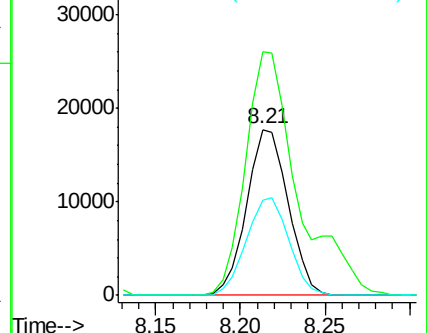
115 57.1 62.2 93.2#



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: 31.38 ng

RT: 3.64 min Scan# 137

Delta R.T. 0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

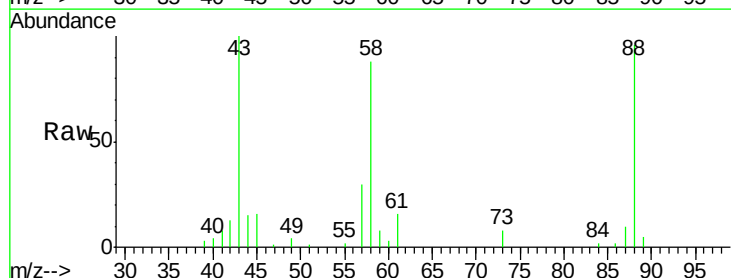
Tgt Ion: 88 Resp: 25486

Ion Ratio Lower Upper

88 100

58 94.1 61.8 92.8#

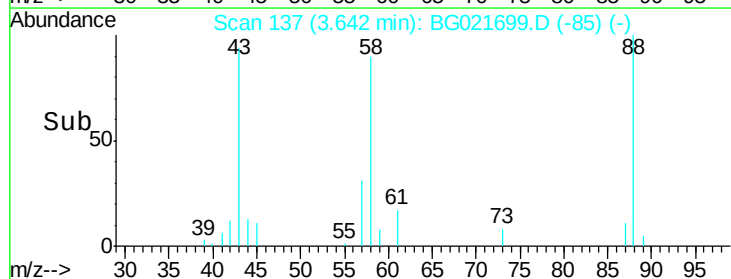
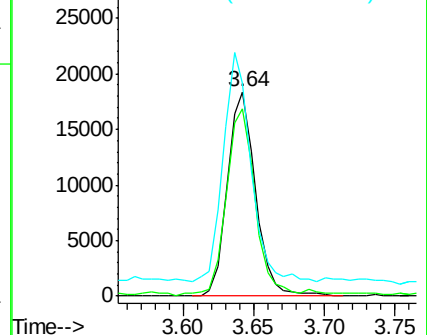
43 109.7 27.3 40.9#

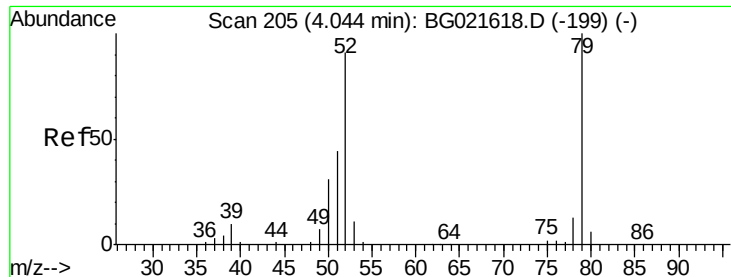


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 27.43 ng

RT: 4.05 min Scan# 207

Delta R.T. 0.01 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA\_G

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FB-BWR-BB-R09-CS-1(0-32FTBGS)

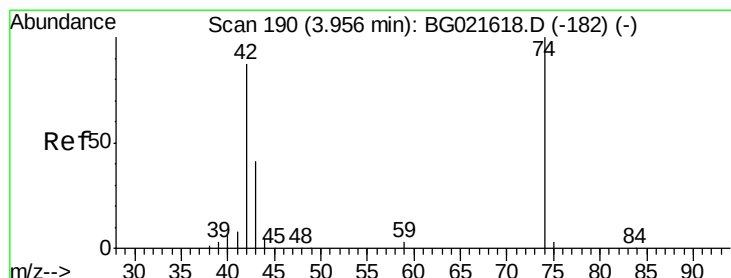
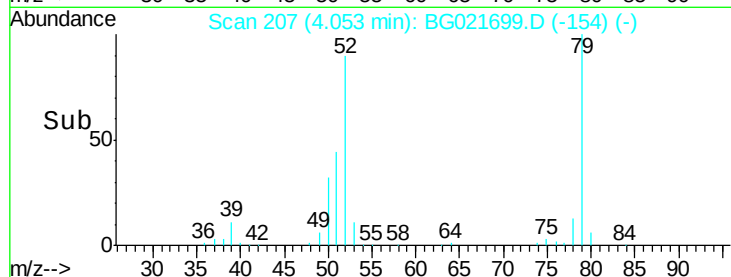
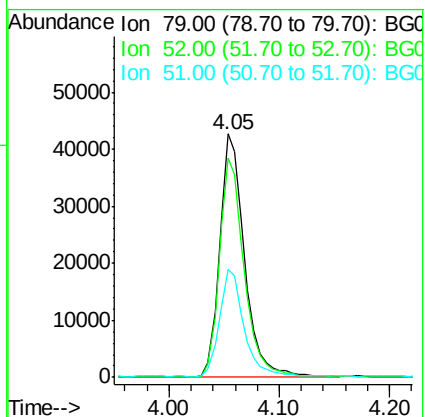
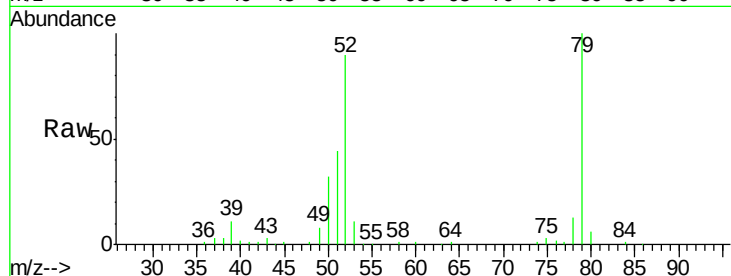
Tgt Ion: 79 Resp: 66848

Ion Ratio Lower Upper

79 100

52 89.9 77.2 115.8

51 44.2 42.5 63.7



#4

n-Nitrosodimethylamine

Concen: 36.64 ng

RT: 3.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

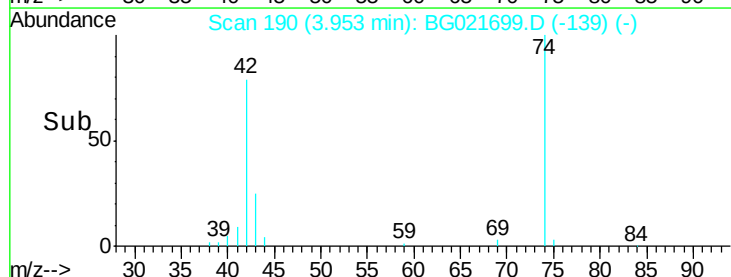
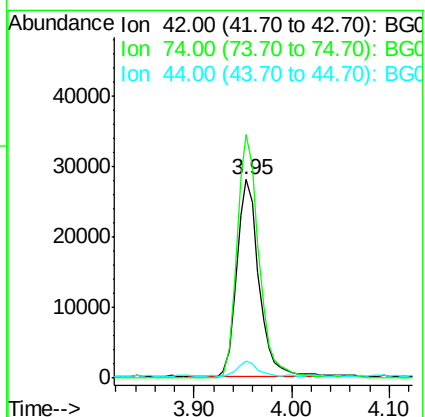
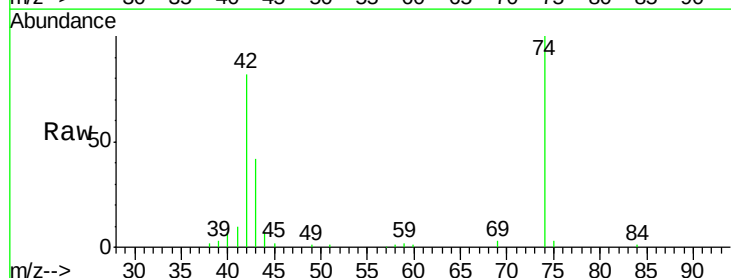
Tgt Ion: 42 Resp: 44260

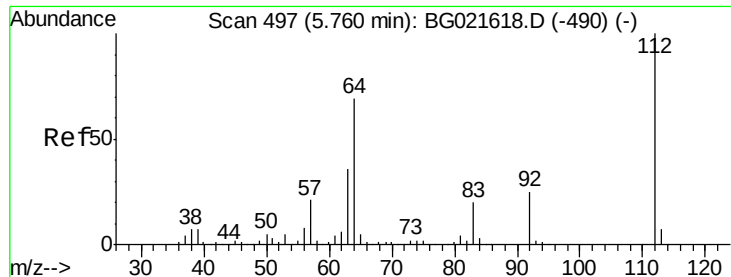
Ion Ratio Lower Upper

42 100

74 122.6 83.0 124.4

44 8.4 11.0 16.6#





#5

2-Fluorophenol

Concen: 136.25 ng

RT: 5.77 min Scan# 500

Delta R.T. 0.02 min

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Instrument :

BNA\_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

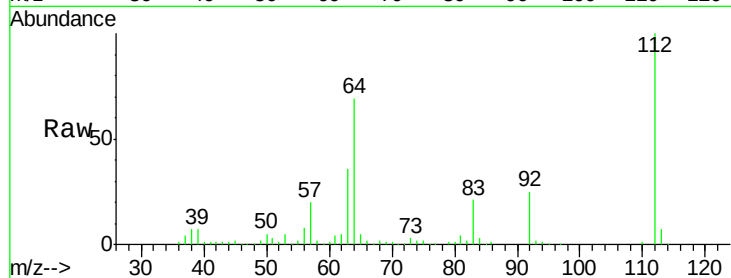
Tgt Ion: 112 Resp: 248621

Ion Ratio Lower Upper

112 100

64 68.7 51.1 76.7

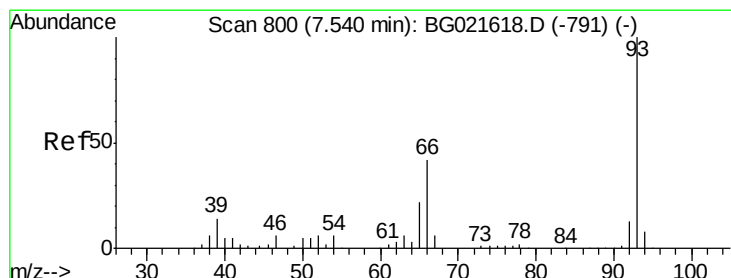
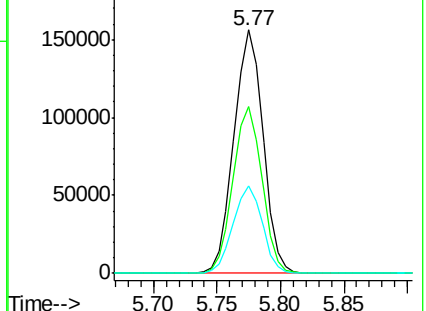
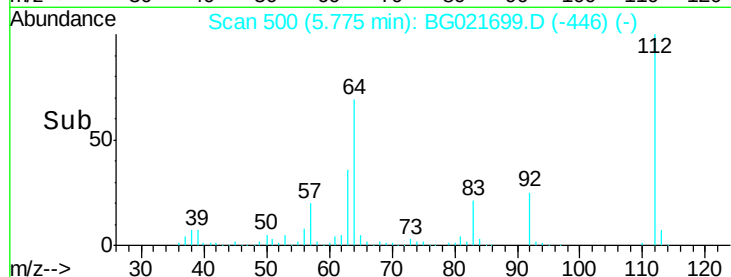
63 36.1 24.6 37.0



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: 30.42 ng

RT: 7.54 min Scan# 801

Delta R.T. 0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

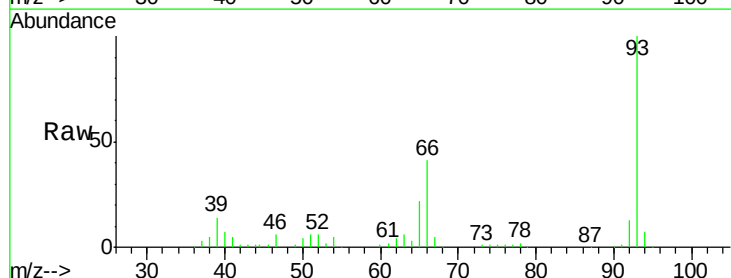
Tgt Ion: 93 Resp: 109662

Ion Ratio Lower Upper

93 100

66 41.2 36.3 54.5

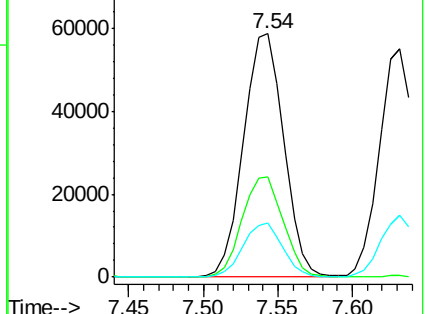
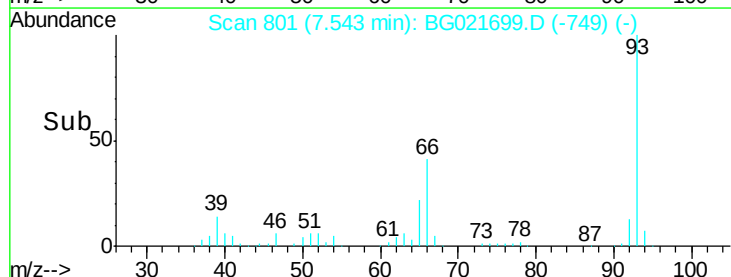
65 22.2 18.4 27.6

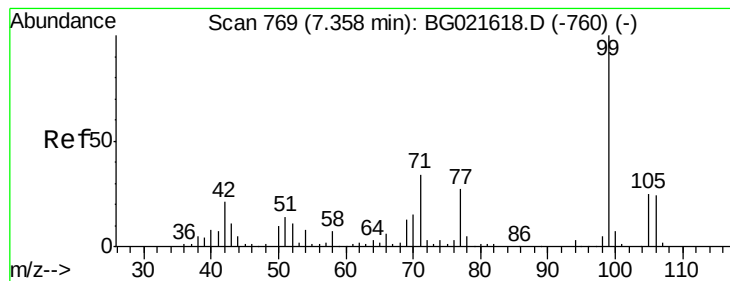


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 124.61 ng

RT: 7.38 min Scan# 773

Delta R.T. 0.02 min

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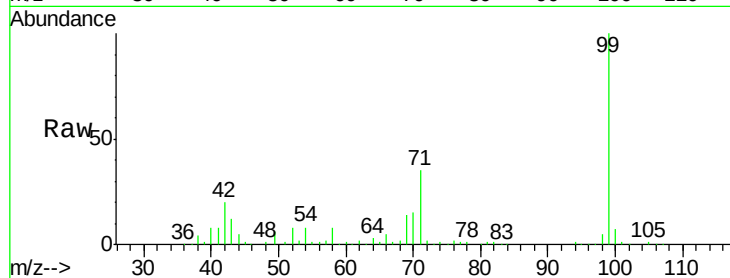
Tgt Ion: 99 Resp: 339629

Ion Ratio Lower Upper

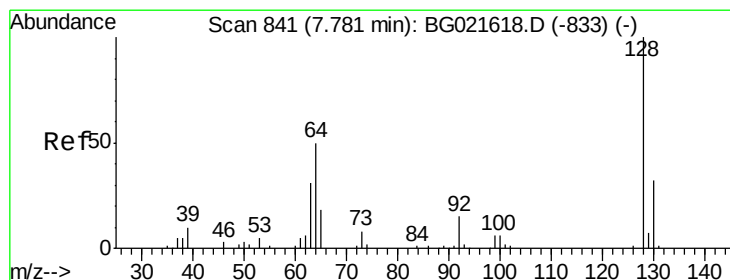
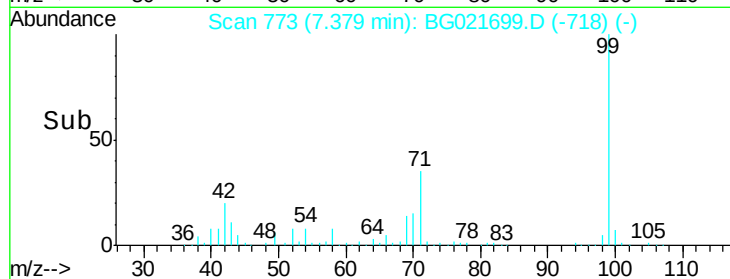
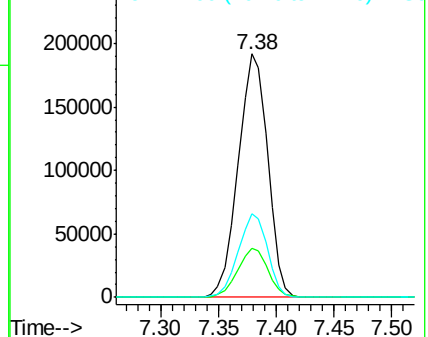
99 100

42 20.3 16.4 24.6

71 34.5 25.0 37.4



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: 42.23 ng

RT: 7.78 min Scan# 842

Delta R.T. 0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

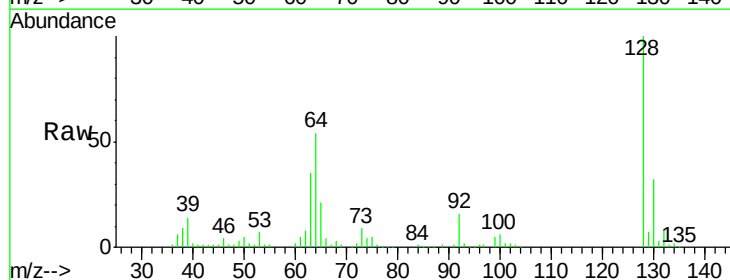
Tgt Ion: 128 Resp: 92383

Ion Ratio Lower Upper

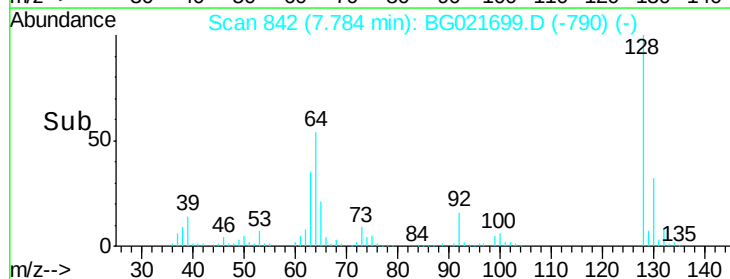
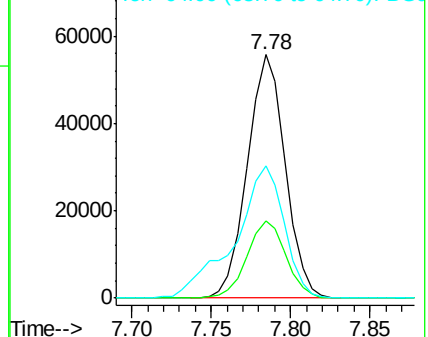
128 100

130 31.8 11.2 51.2

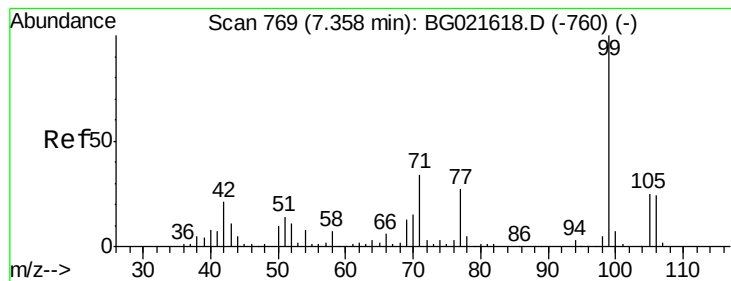
64 54.2 39.8 79.8



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: 16.62 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA\_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

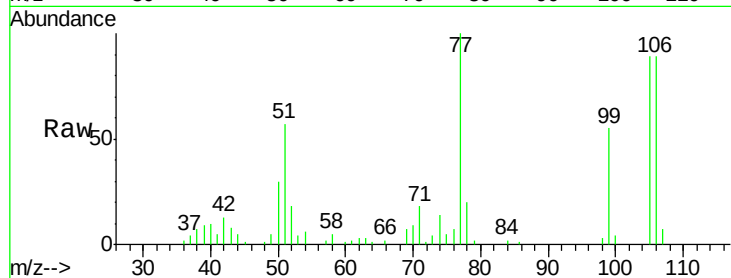
Tgt Ion: 77 Resp: 26189

Ion Ratio Lower Upper

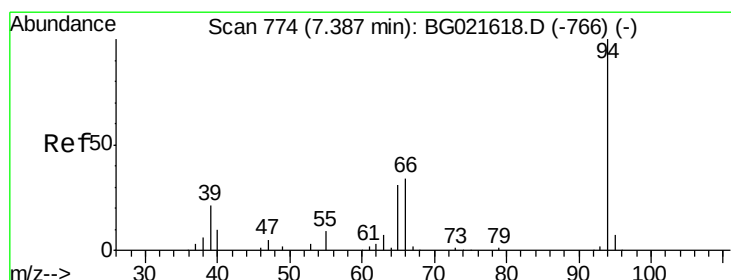
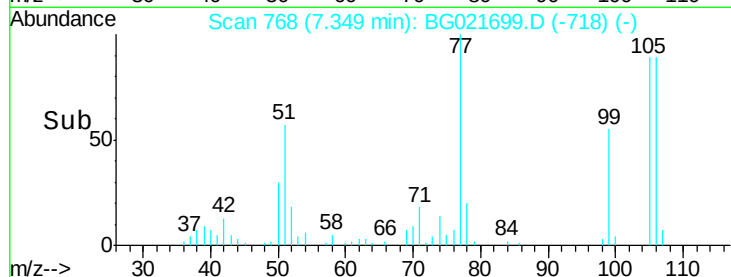
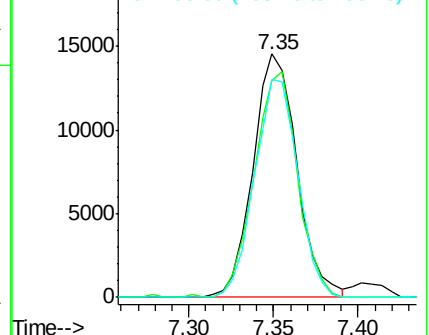
77 100

105 89.0 62.1 102.1

106 89.3 65.6 105.6



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



#10

Phenol

Concen: 39.11 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.02 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

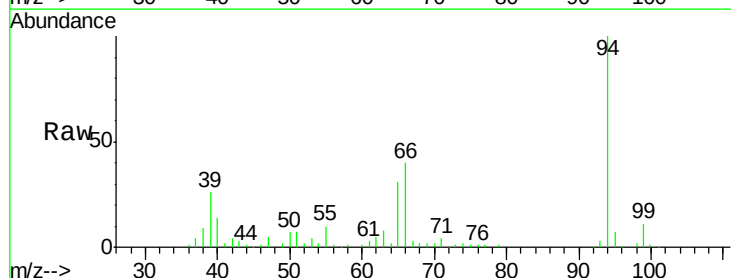
Tgt Ion: 94 Resp: 114663

Ion Ratio Lower Upper

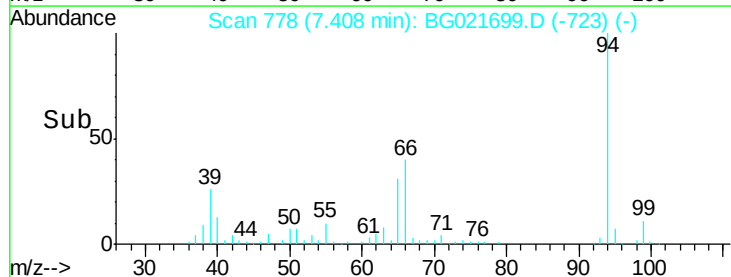
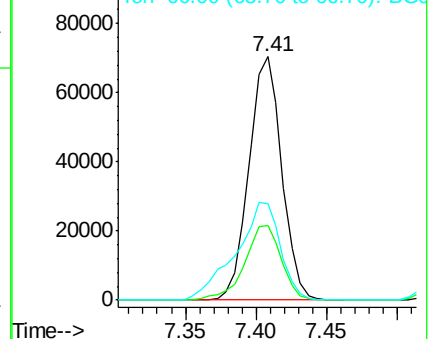
94 100

65 30.8 9.8 49.8

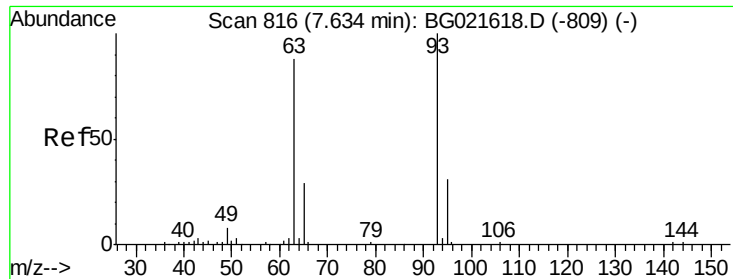
66 39.7 20.8 60.8



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



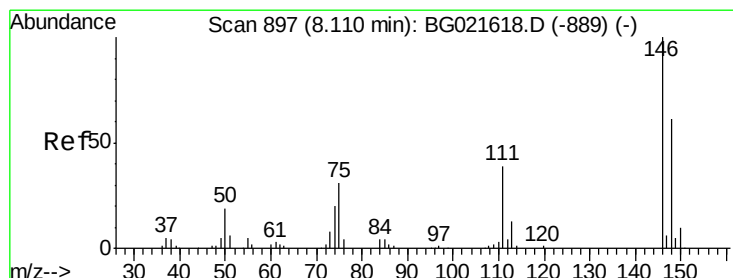
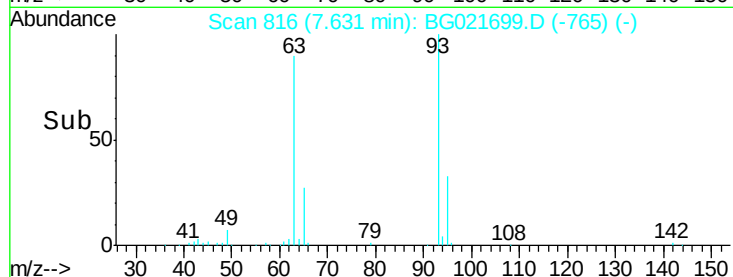
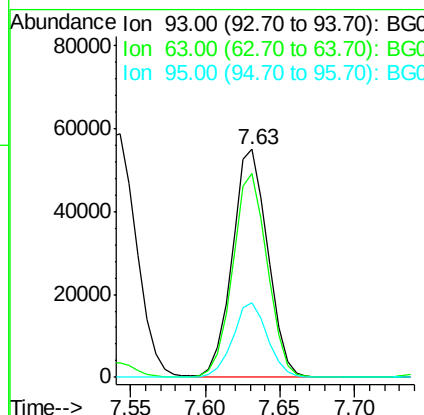
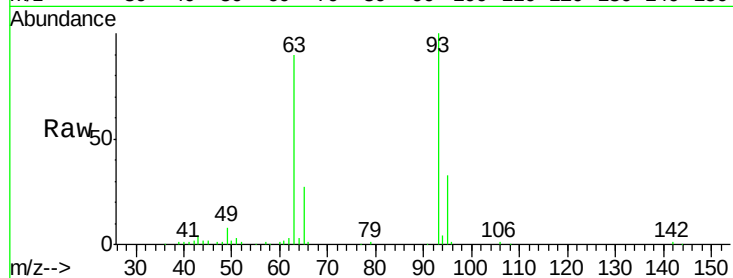




#11  
bis(2-Chloroethyl)ether  
Concen: 38.91 ng  
RT: 7.63 min Scan# 816  
Delta R.T. -0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

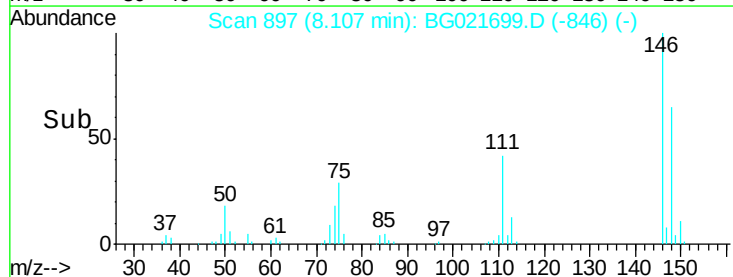
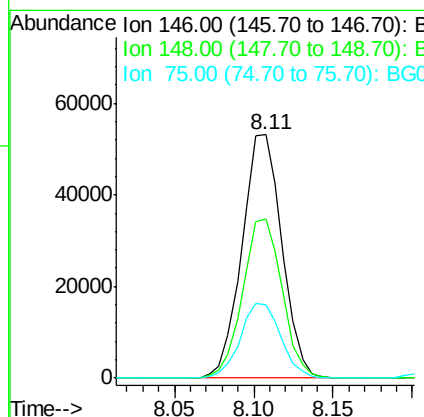
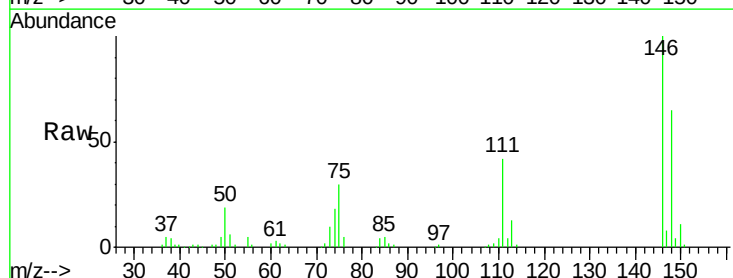
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

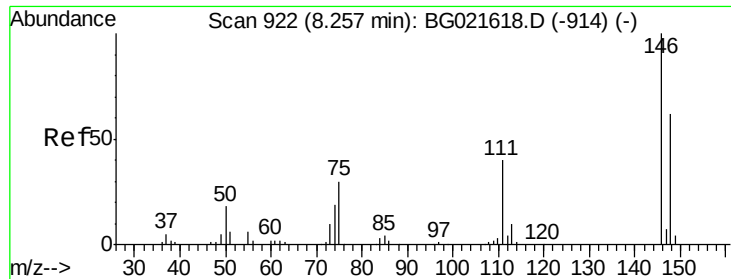
Tgt Ion: 93 Resp: 91284  
Ion Ratio Lower Upper  
93 100  
63 89.8 74.9 114.9  
95 32.6 8.3 48.3



#12  
1,3-Dichlorobenzene  
Concen: 37.96 ng  
RT: 8.11 min Scan# 897  
Delta R.T. -0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Tgt Ion: 146 Resp: 92740  
Ion Ratio Lower Upper  
146 100  
148 65.4 53.7 80.5  
75 29.9 27.4 41.0

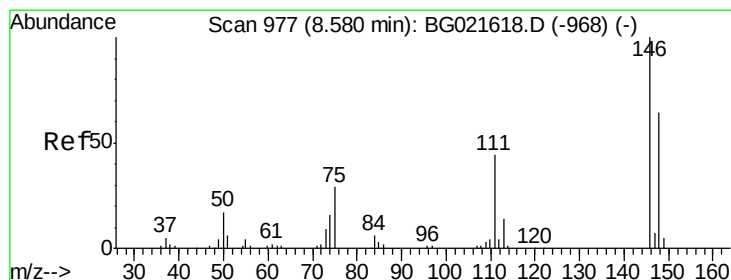
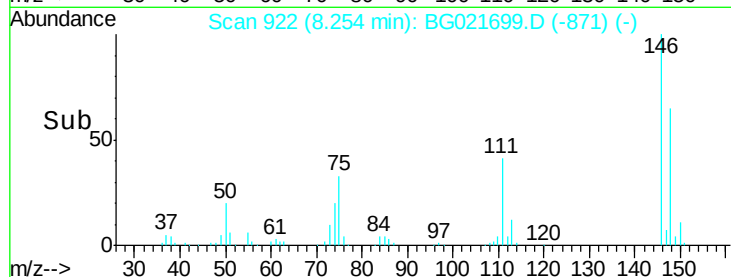
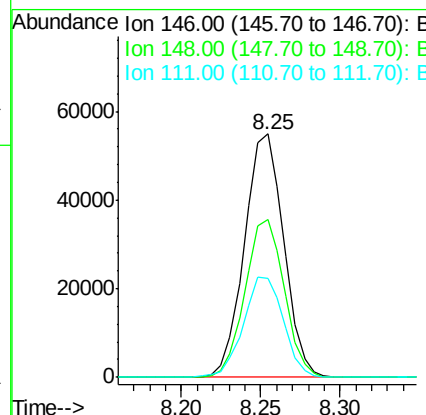
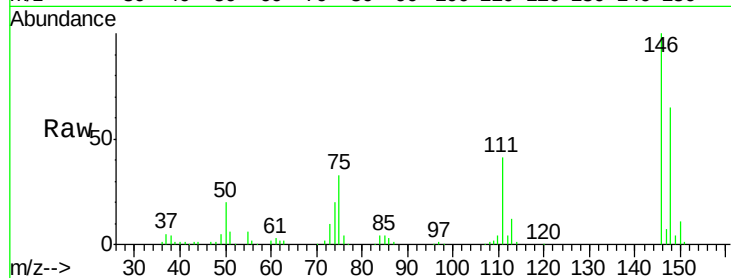




#13  
 1,4-Dichlorobenzene  
 Concen: 38.03 ng  
 RT: 8.25 min Scan# 922  
 Delta R.T. -0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

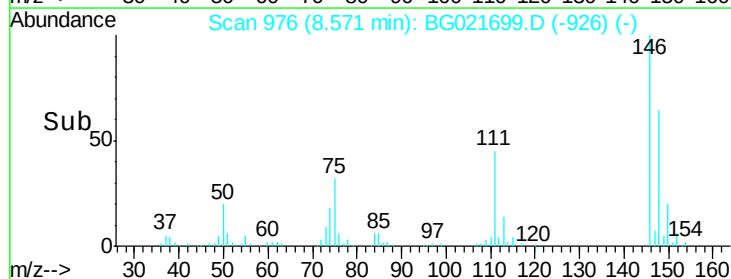
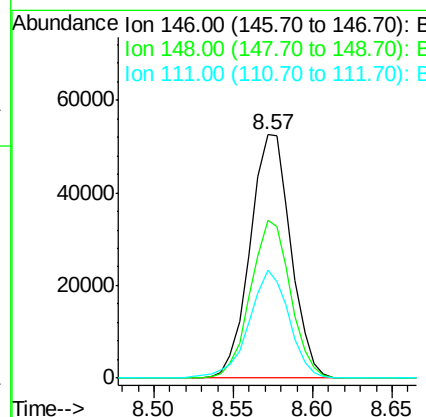
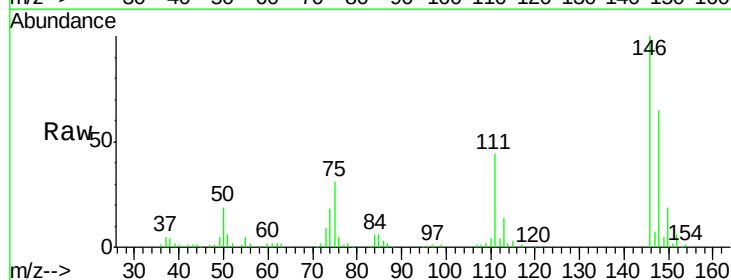
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

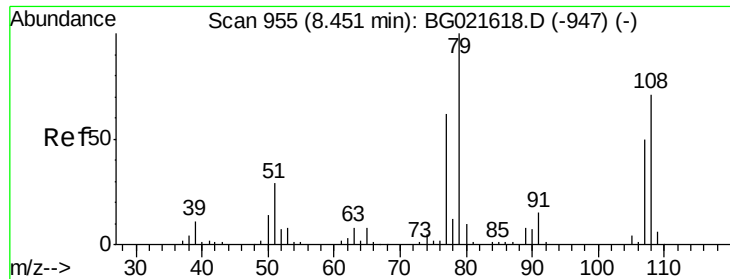
Tgt Ion:146 Resp: 94578  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 46.7 70.1  
 111 40.7 33.0 49.6



#14  
 1,2-Dichlorobenzene  
 Concen: 39.18 ng  
 RT: 8.57 min Scan# 976  
 Delta R.T. -0.01 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

Tgt Ion:146 Resp: 93491  
 Ion Ratio Lower Upper  
 146 100  
 148 64.8 52.6 79.0  
 111 44.4 36.1 54.1





#15

Benzyl Alcohol

Concen: 45.36 ng

RT: 8.45 min Scan# 956

Delta R.T. 0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA\_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

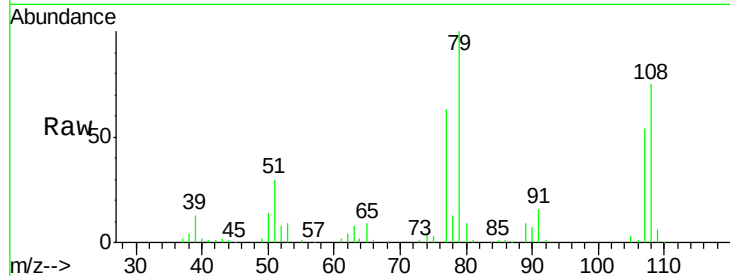
Tgt Ion: 79 Resp: 94477

Ion Ratio Lower Upper

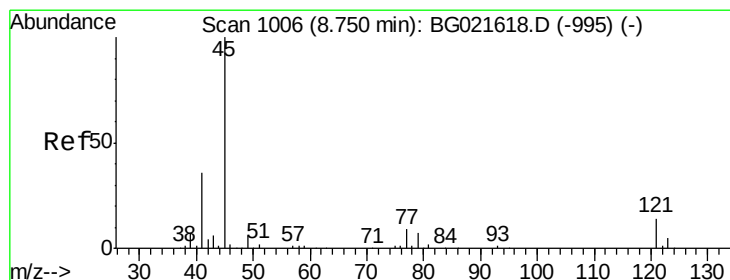
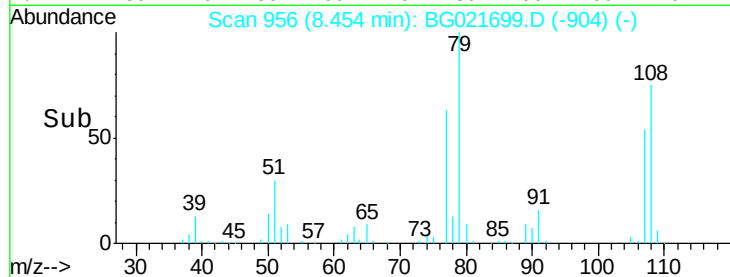
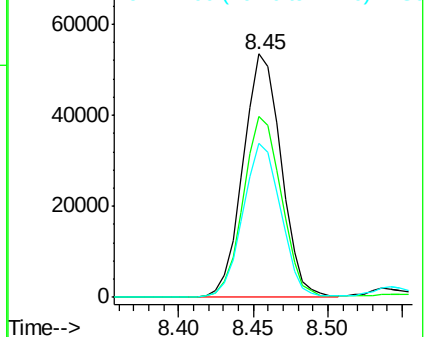
79 100

108 74.5 59.4 89.0

77 63.3 52.2 78.2



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.09 ng

RT: 8.75 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

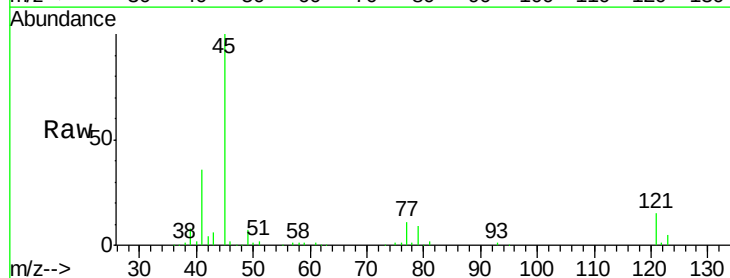
Tgt Ion: 45 Resp: 176366

Ion Ratio Lower Upper

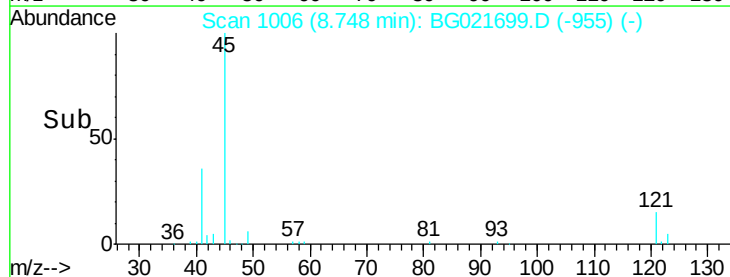
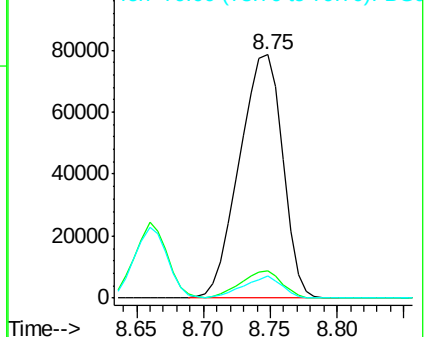
45 100

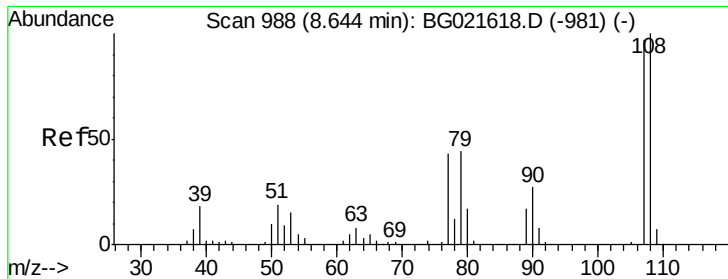
77 11.4 0.0 31.2

79 9.0 0.0 29.0



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

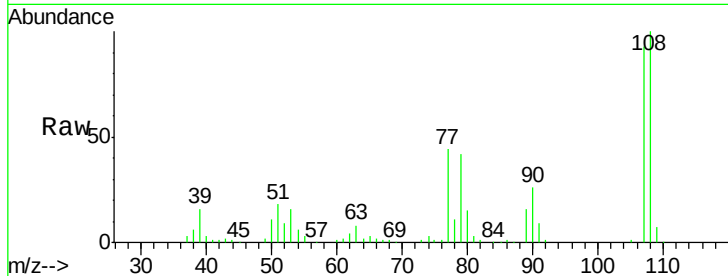




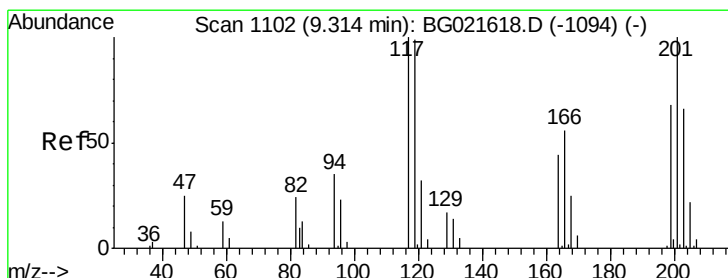
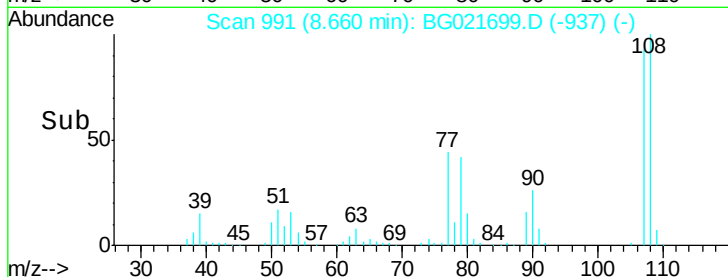
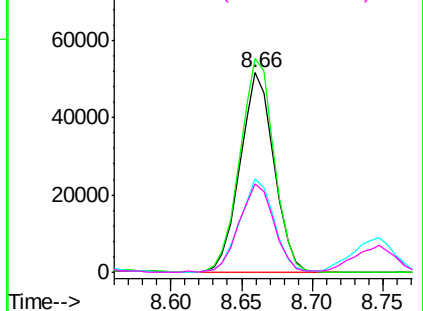
#17  
2-Methylphenol  
Concen: 42.60 ng  
RT: 8.66 min Scan# 991  
Delta R.T. 0.02 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 86340 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 107.0 | 80.2  | 120.4 |
| 77       | 47.1  | 40.7  | 61.1  |
| 79       | 44.5  | 39.8  | 59.8  |

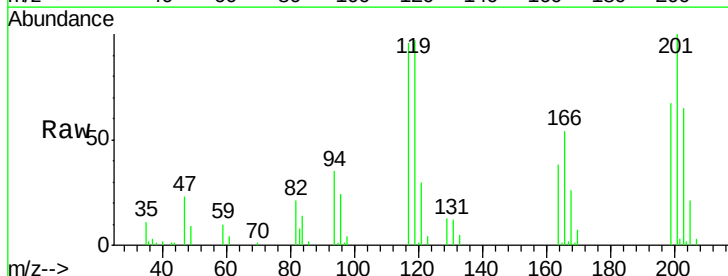


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

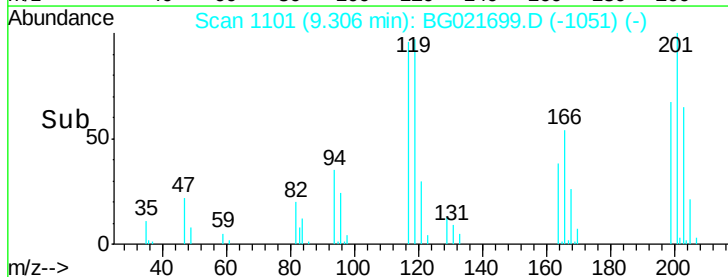
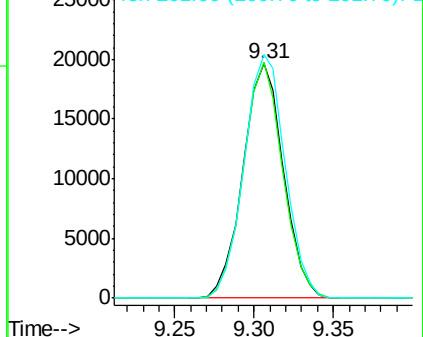


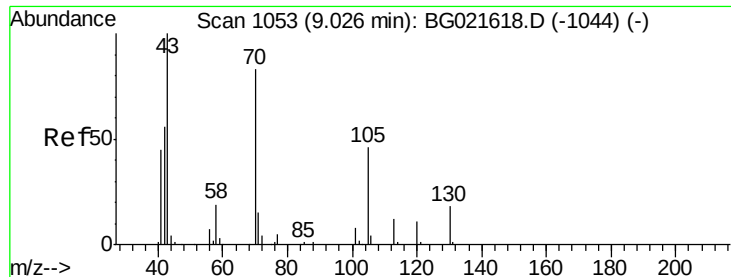
#18  
Hexachloroethane  
Concen: 38.38 ng  
RT: 9.31 min Scan# 1101  
Delta R.T. -0.01 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 34738 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 100.7 | 63.9  | 95.9# |
| 201      | 103.9 | 61.2  | 91.8# |



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

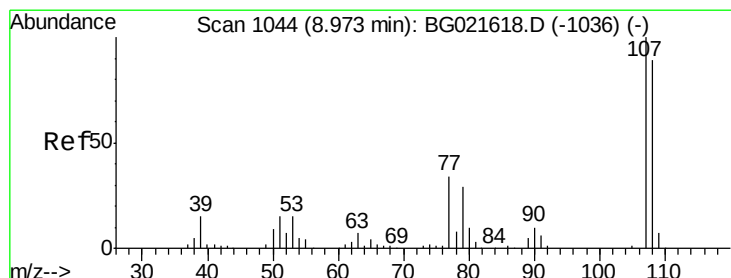
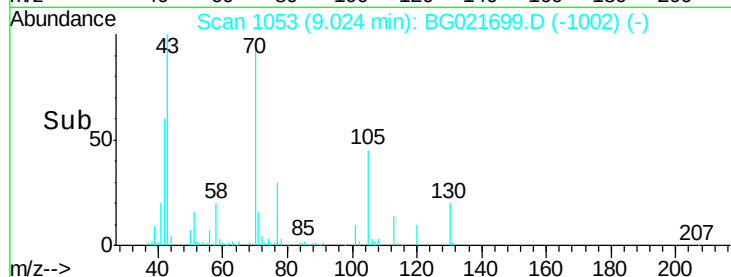
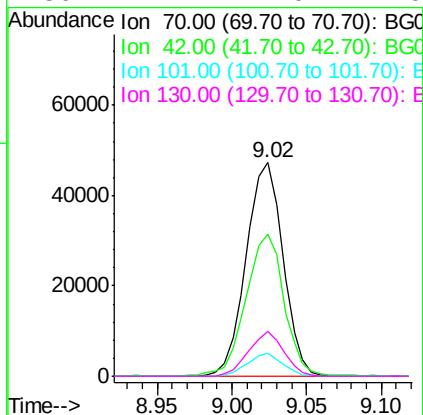
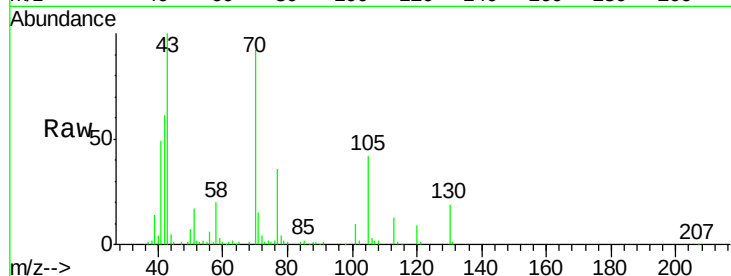




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.05 ng  
RT: 9.02 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

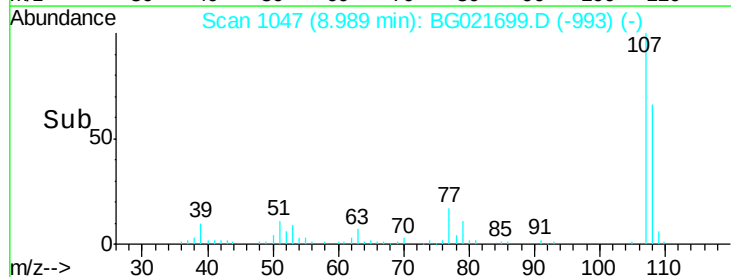
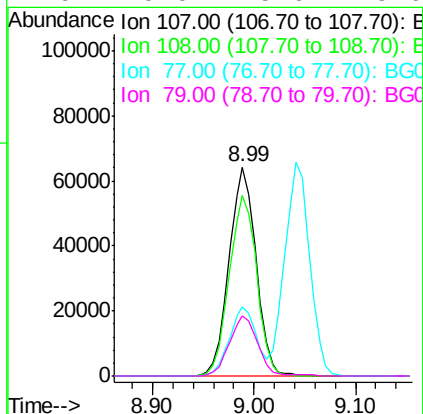
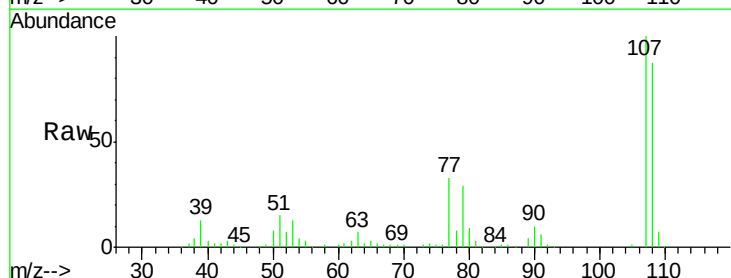
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

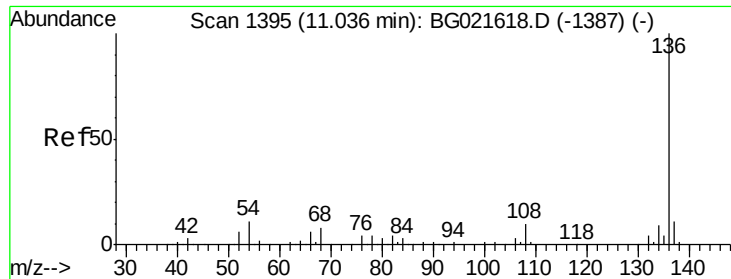
Tgt Ion: 70 Resp: 80582  
Ion Ratio Lower Upper  
70 100  
42 66.6 56.7 85.1  
101 10.6 8.2 12.4  
130 21.2 14.0 21.0#



#20  
3+4-Methylphenols  
Concen: 42.71 ng  
RT: 8.99 min Scan# 1047  
Delta R.T. 0.02 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Tgt Ion: 107 Resp: 118469  
Ion Ratio Lower Upper  
107 100  
108 86.7 66.2 106.2  
77 33.3 11.5 51.5  
79 29.0 5.6 45.6

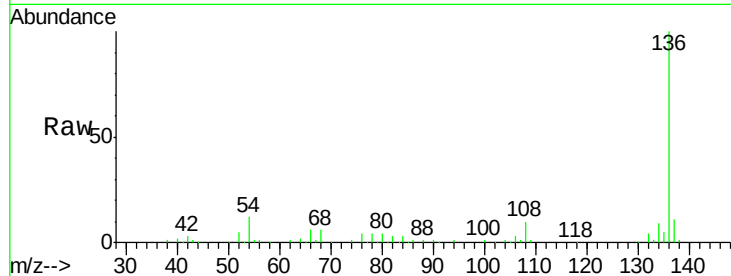




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.03 min Scan# 1395  
Delta R.T. -0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 124813 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 9.0   | 13.4   |
| 54       | 11.5  | 9.6   | 14.4   |
| 68       | 6.5   | 6.4   | 9.6    |



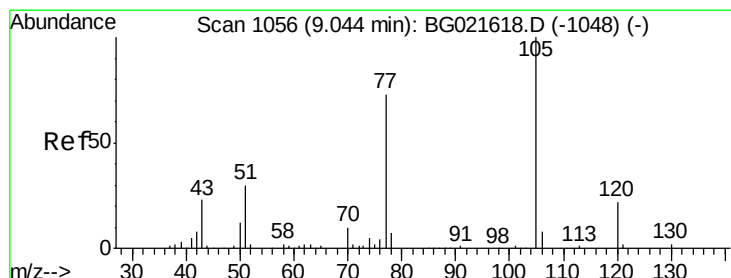
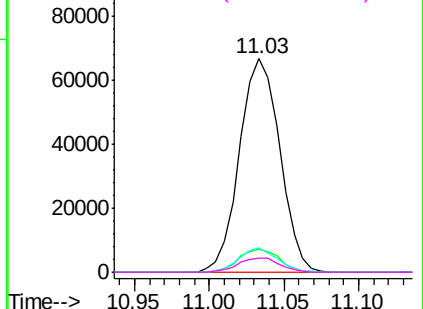
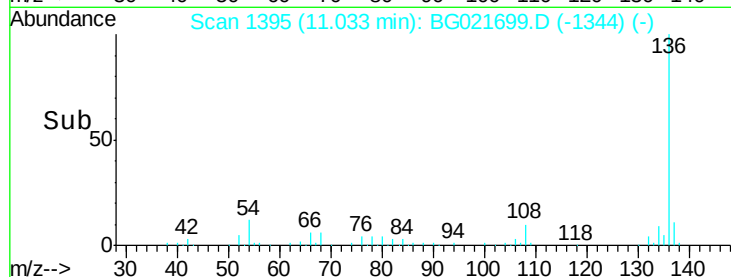
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

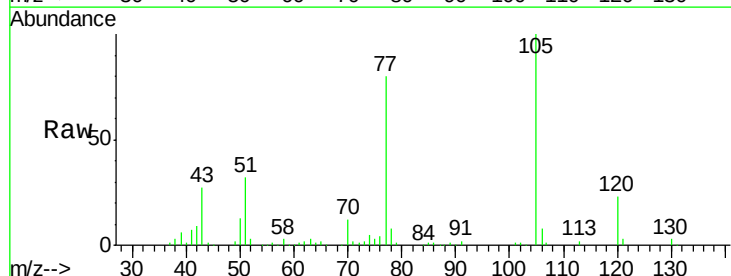
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 42.10 ng  
RT: 9.04 min Scan# 1056  
Delta R.T. -0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 146370 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.9   | 0.0   | 0.0#   |
| 51       | 32.3  | 25.7  | 38.5   |
| 120      | 22.8  | 17.0  | 25.6   |



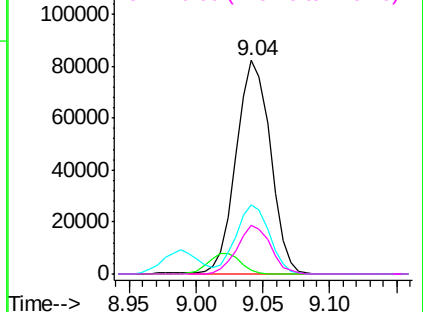
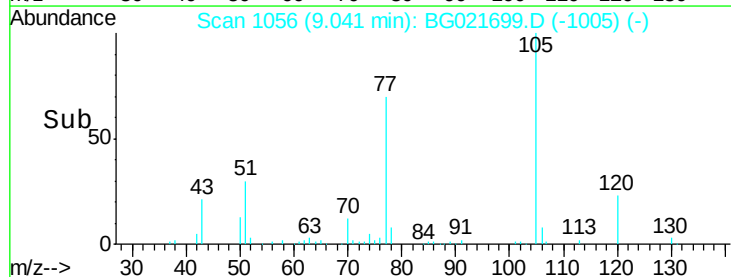
Abundance

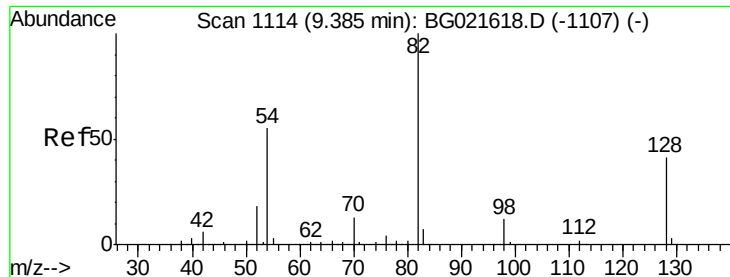
Ion 105.00 (104.70 to 105.70): E

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

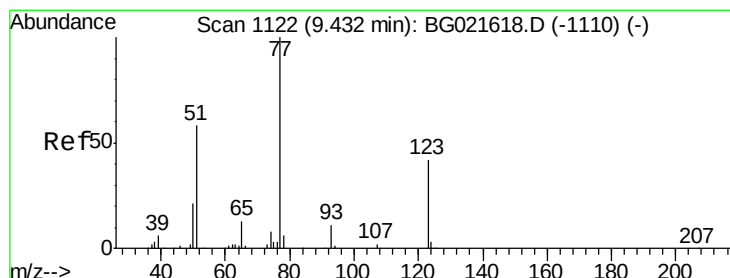
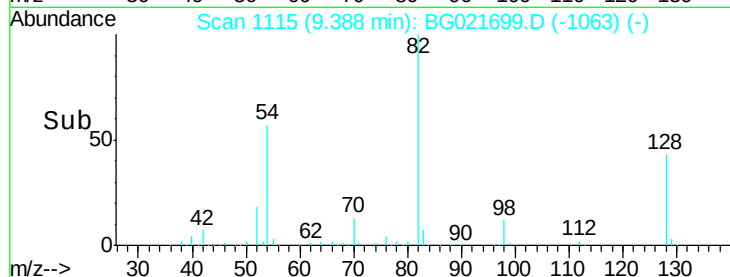
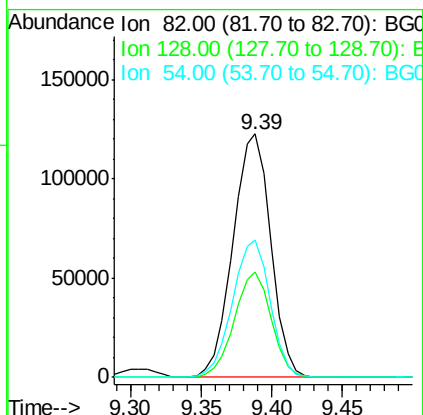
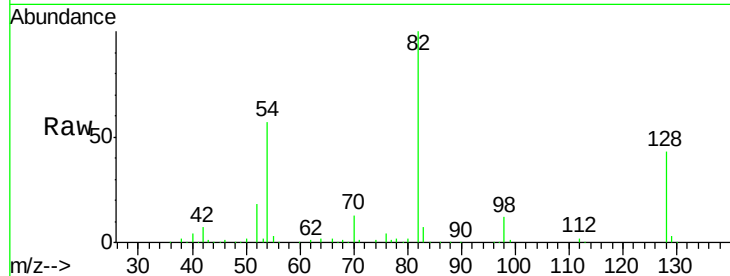




#23  
 Nitrobenzene-d5  
 Concen: 94.45 ng  
 RT: 9.39 min Scan# 1115  
 Delta R.T. 0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

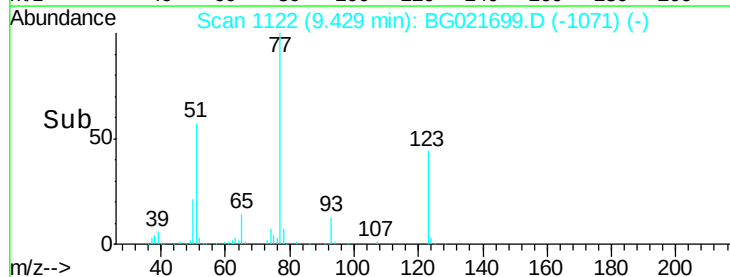
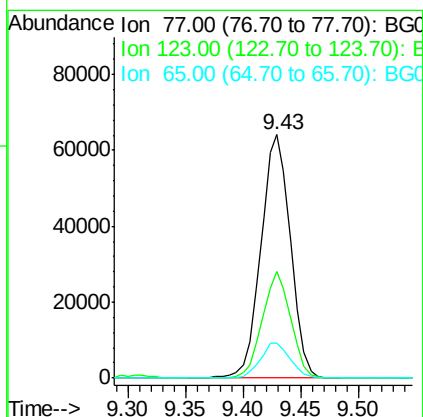
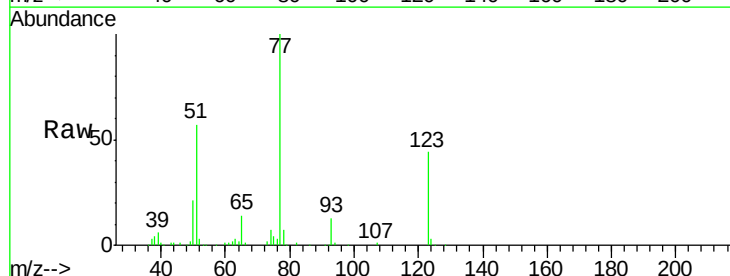
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tgt Ion: 82 Resp: 229342  
 Ion Ratio Lower Upper  
 82 100  
 128 43.1 33.4 50.0  
 54 56.7 46.1 69.1

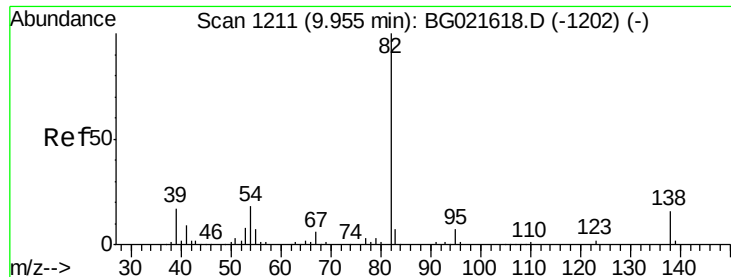


#24  
 Nitrobenzene  
 Concen: 43.83 ng  
 RT: 9.43 min Scan# 1122  
 Delta R.T. -0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

Tgt Ion: 77 Resp: 113965  
 Ion Ratio Lower Upper  
 77 100  
 123 43.7 32.2 48.4  
 65 14.3 10.3 15.5







#25

Isophorone

Concen: 41.95 ng

RT: 9.95 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA\_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

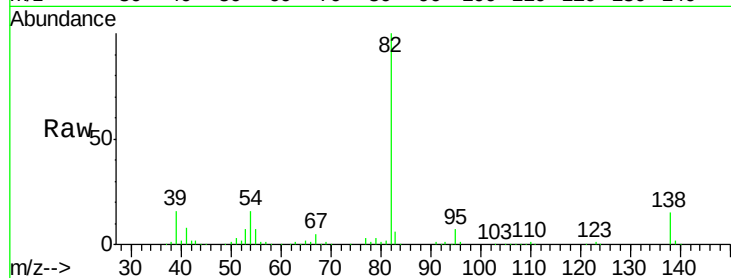
Tgt Ion: 82 Resp: 222932

Ion Ratio Lower Upper

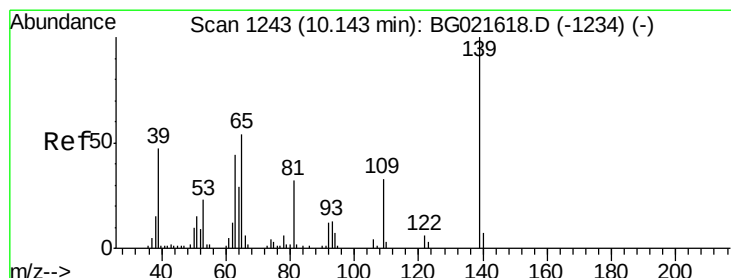
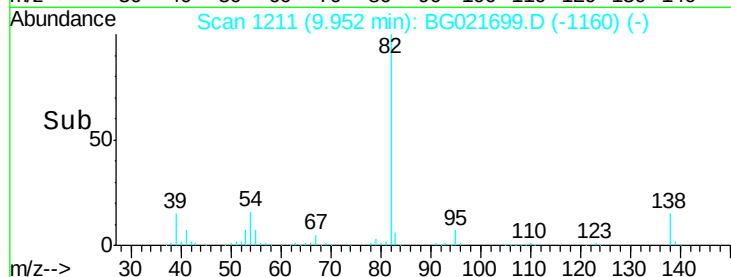
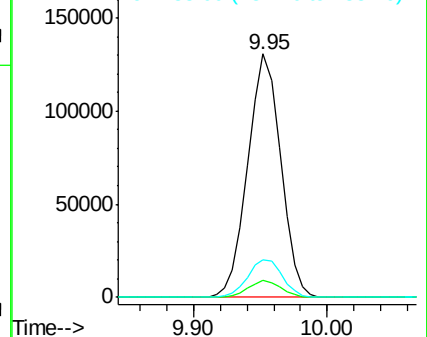
82 100

95 7.2 6.0 9.0

138 15.4 13.4 20.0



Abundance Ion 82.00 (81.70 to 82.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 51.98 ng

RT: 10.14 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

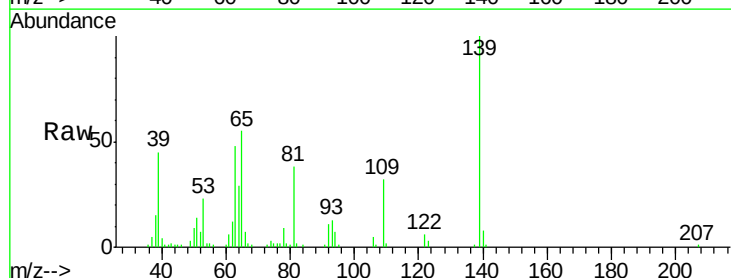
Tgt Ion: 139 Resp: 51602

Ion Ratio Lower Upper

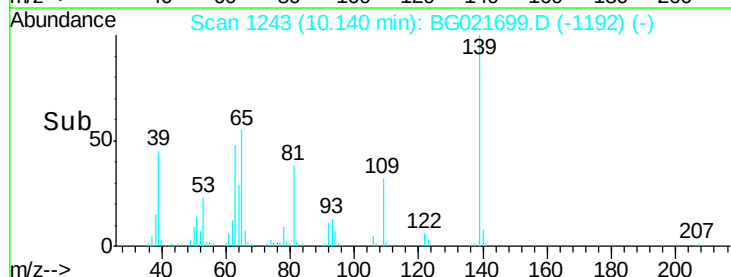
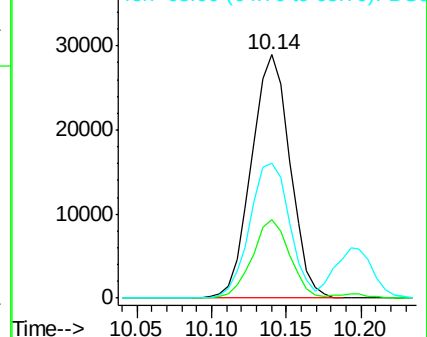
139 100

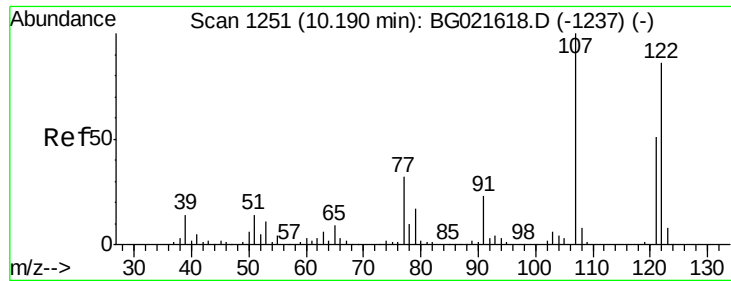
109 32.1 26.6 40.0

65 55.3 45.3 67.9



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

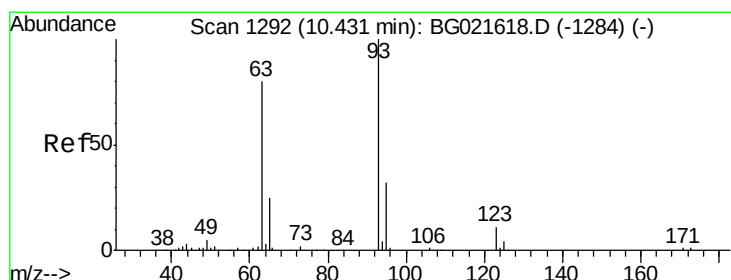
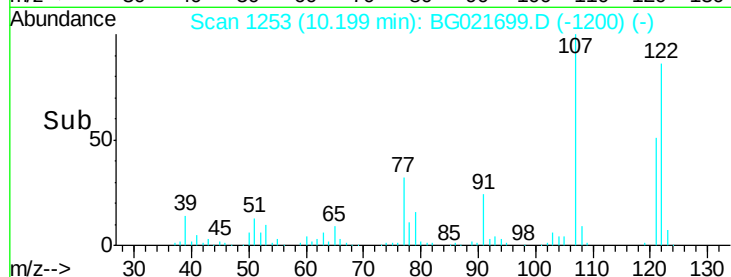
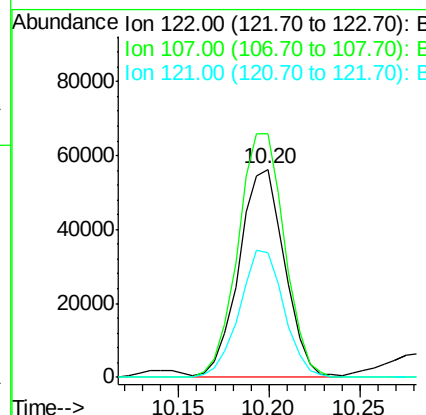
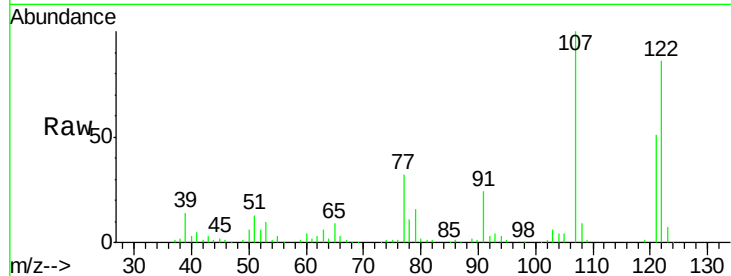




#27  
 2,4-Dimethylphenol  
 Concen: 43.52 ng  
 RT: 10.20 min Scan# 1253  
 Delta R.T. 0.01 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

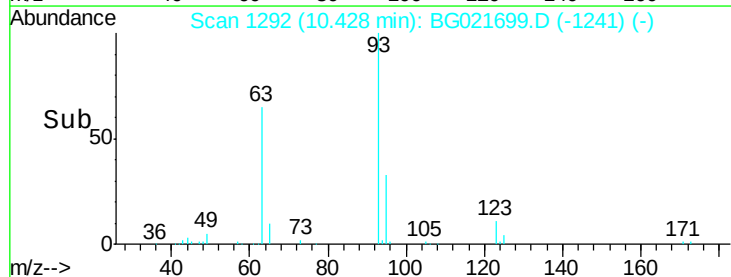
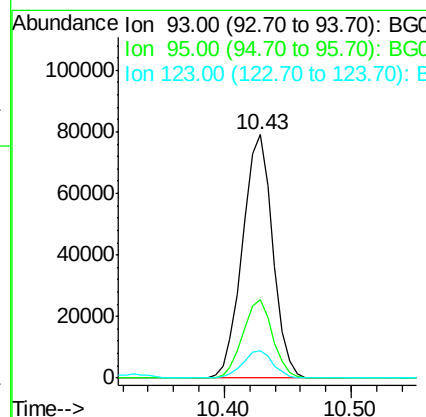
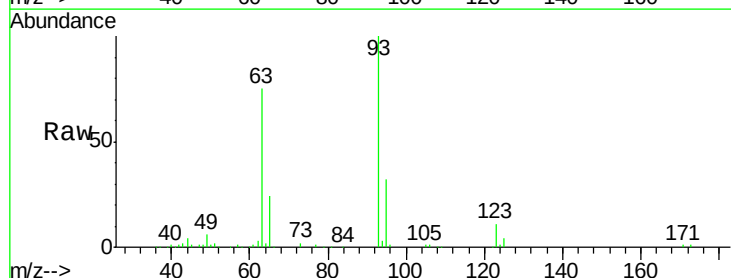
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

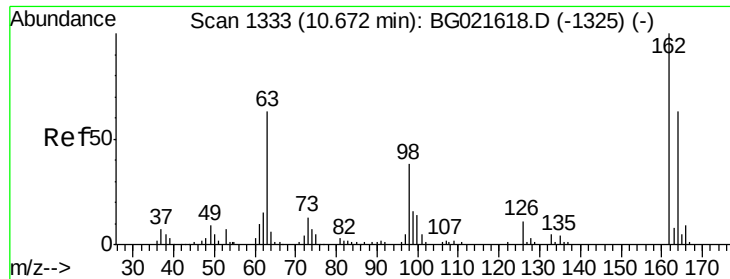
Tgt Ion:122 Resp: 98123  
 Ion Ratio Lower Upper  
 122 100  
 107 116.8 97.2 145.8  
 121 60.0 49.0 73.4



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 46.20 ng  
 RT: 10.43 min Scan# 1292  
 Delta R.T. -0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

Tgt Ion: 93 Resp: 130467  
 Ion Ratio Lower Upper  
 93 100  
 95 32.1 30.1 45.1  
 123 11.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 50.59 ng

RT: 10.68 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA\_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

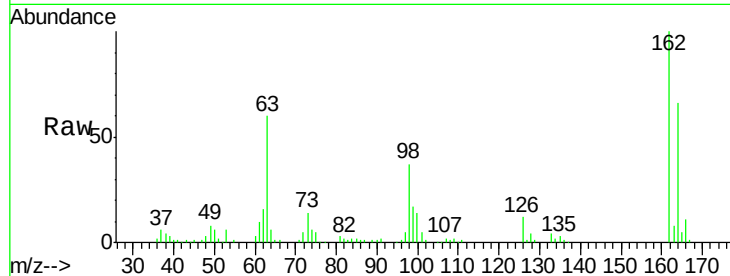
Tgt Ion:162 Resp: 97256

Ion Ratio Lower Upper

162 100

164 66.2 44.9 84.9

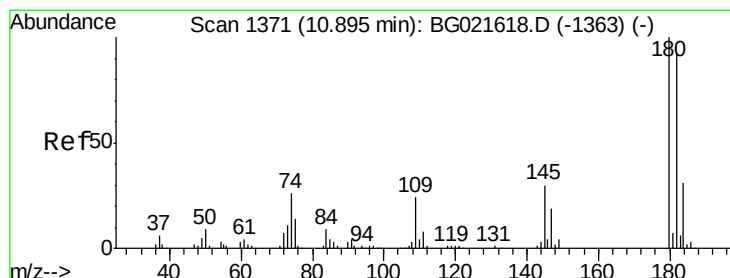
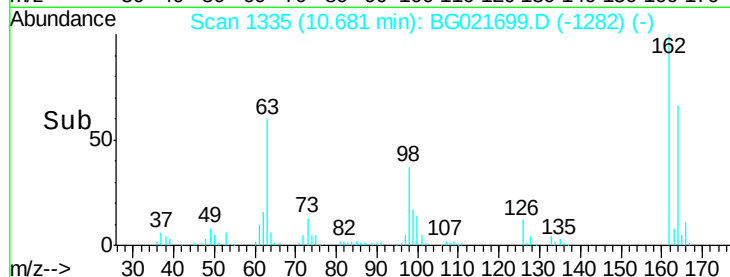
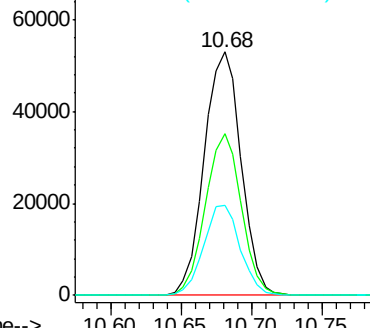
98 36.9 19.2 59.2



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): B



#30

1,2,4-Trichlorobenzene

Concen: 44.34 ng

RT: 10.89 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

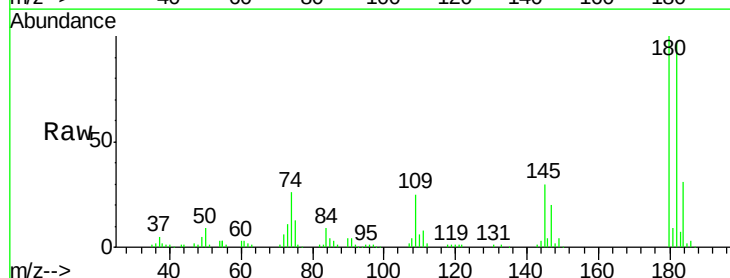
Tgt Ion:180 Resp: 91654

Ion Ratio Lower Upper

180 100

182 97.0 82.3 123.5

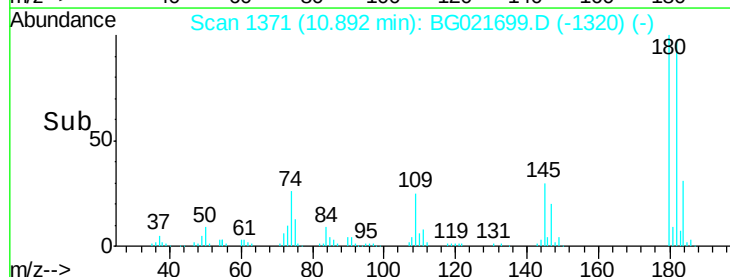
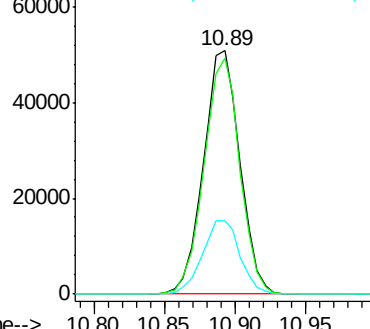
145 29.9 24.4 36.6

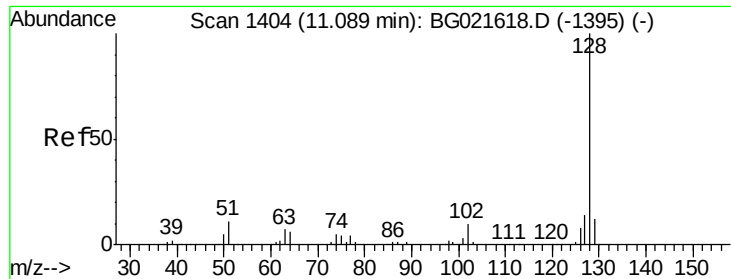


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

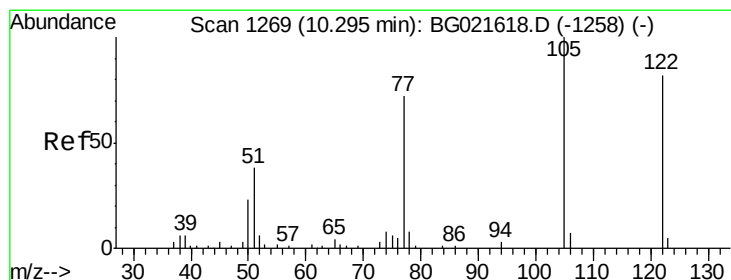
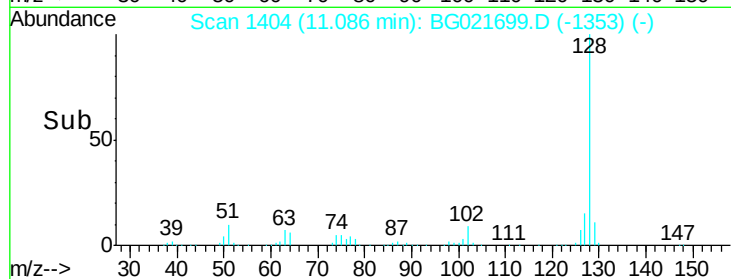
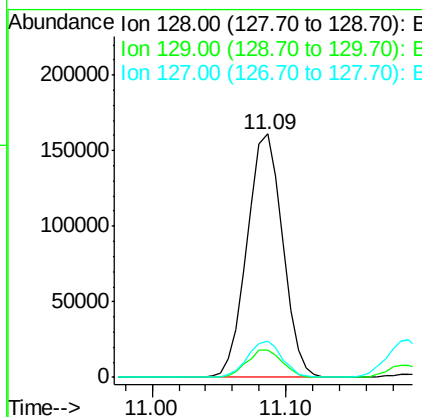
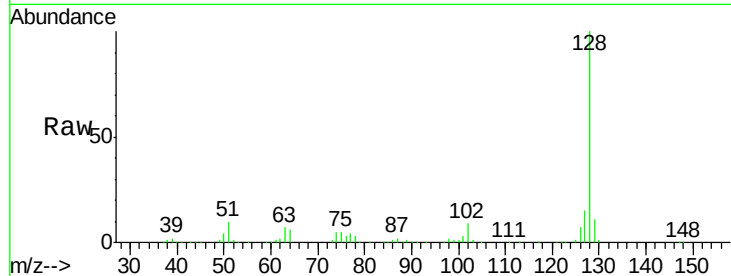




#31  
Naphthalene  
Concen: 44.31 ng  
RT: 11.09 min Scan# 1404  
Delta R.T. -0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

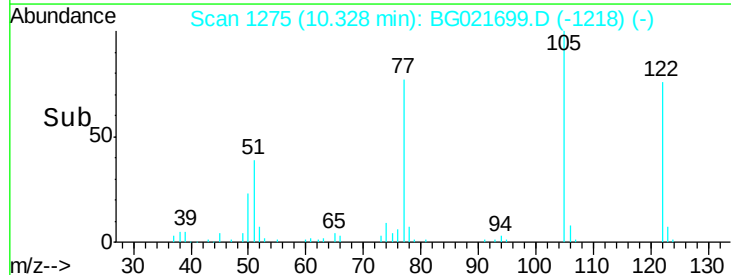
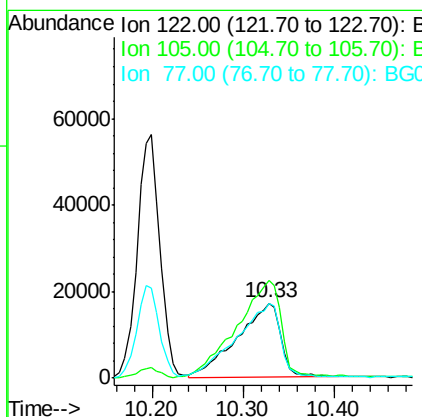
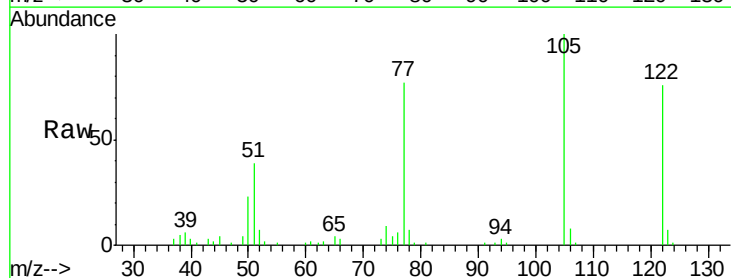
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

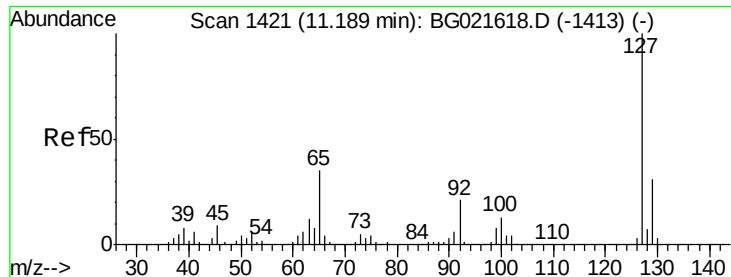
Tgt Ion:128 Resp: 295979  
Ion Ratio Lower Upper  
128 100  
129 11.1 7.0 10.6#  
127 14.7 10.1 15.1



#32  
Benzoic acid  
Concen: 44.93 ng  
RT: 10.33 min Scan# 1275  
Delta R.T. 0.03 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Tgt Ion:122 Resp: 56703  
Ion Ratio Lower Upper  
122 100  
105 130.9 104.5 144.5  
77 100.5 79.9 119.9

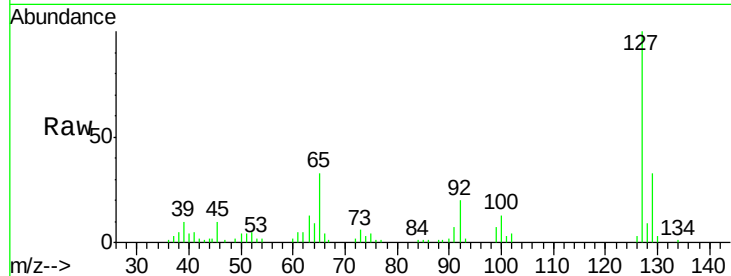




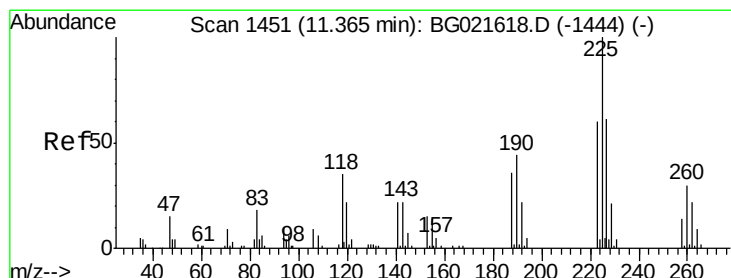
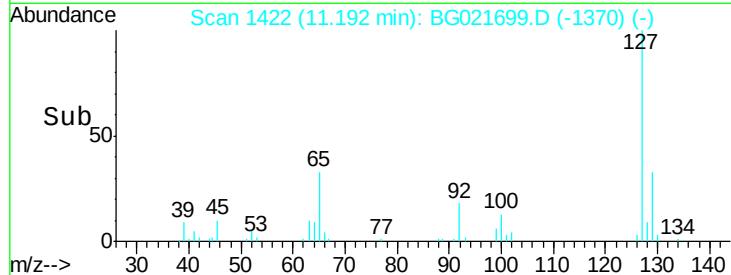
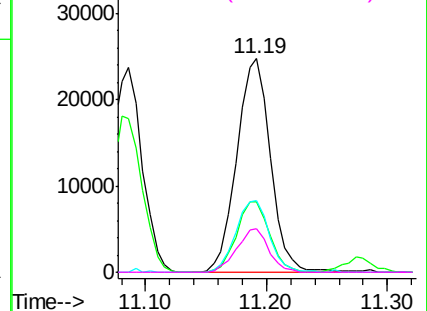
#33  
4-Chloroaniline  
Concen: 16.63 ng  
RT: 11.19 min Scan# 1422  
Delta R.T. 0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 48101 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 33.0  | 26.6  | 39.8  |
| 65       | 33.4  | 27.5  | 41.3  |
| 92       | 20.2  | 14.7  | 22.1  |

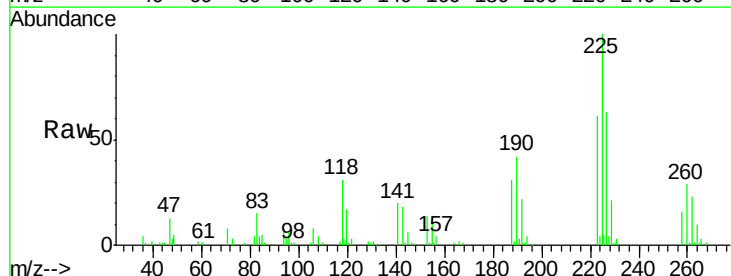


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

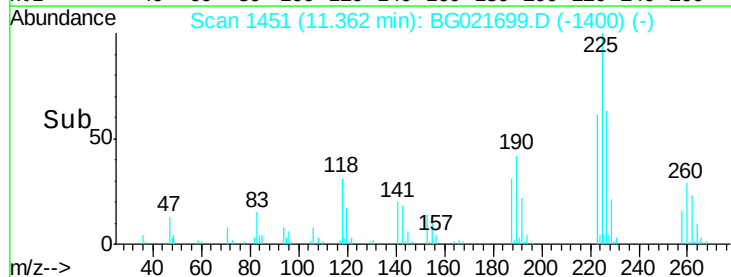
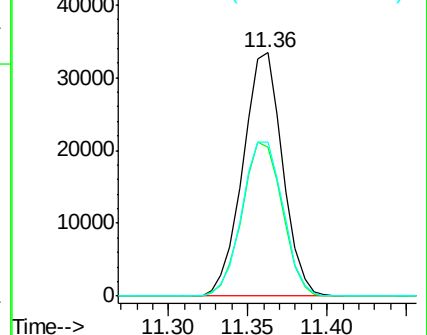


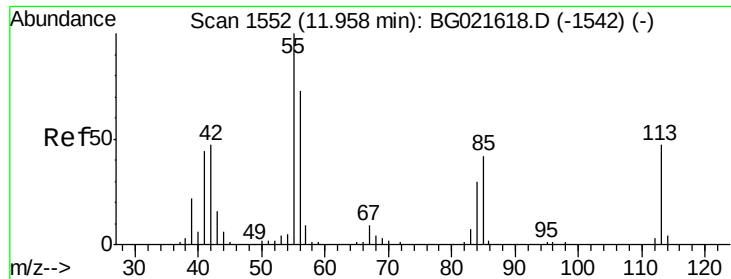
#34  
Hexachlorobutadiene  
Concen: 43.51 ng  
RT: 11.36 min Scan# 1451  
Delta R.T. -0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 58010 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 58.6  | 52.7  | 79.1  |
| 227      | 60.3  | 49.7  | 74.5  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

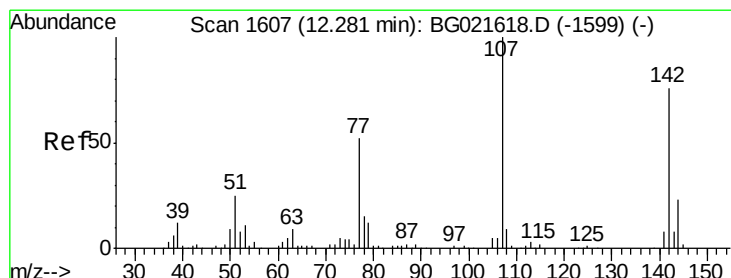
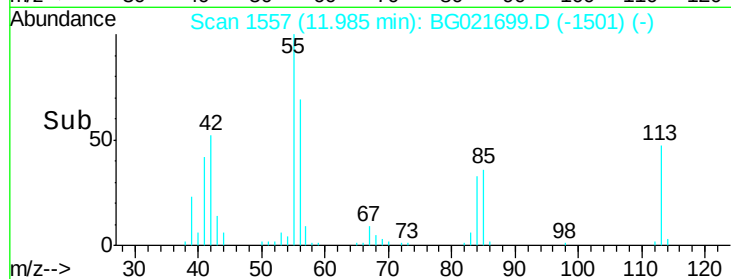
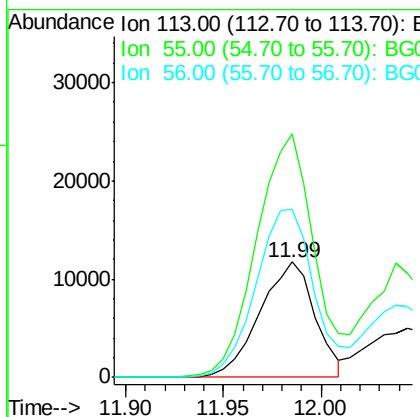
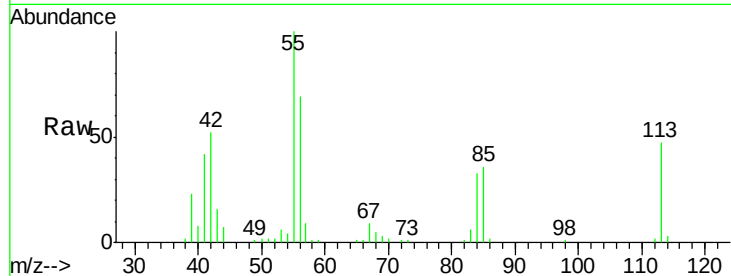




#35  
 Caprolactam  
 Concen: 25.94 ng  
 RT: 11.99 min Scan# 1557  
 Delta R.T. 0.03 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

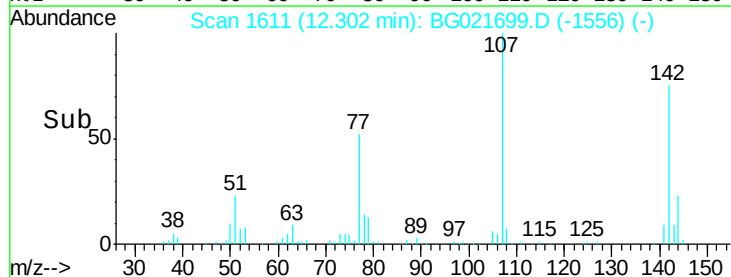
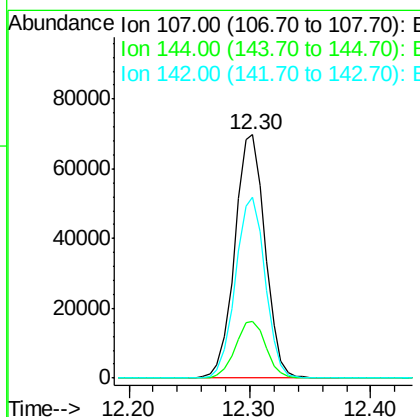
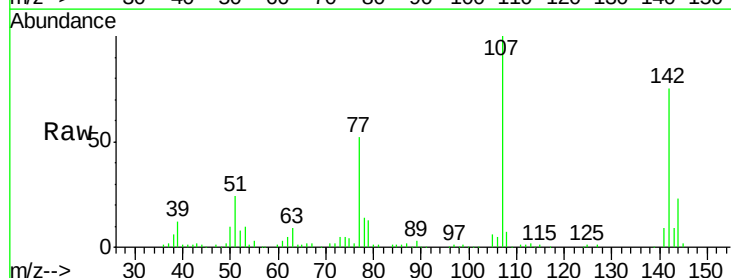
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

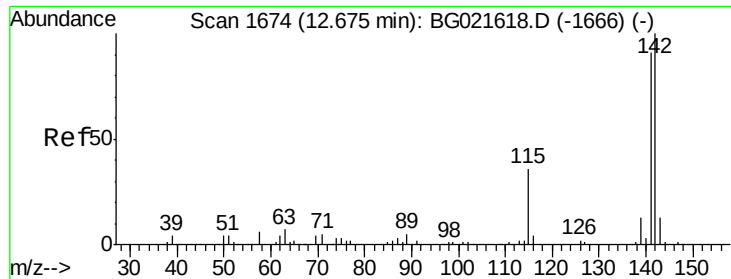
Tgt Ion:113 Resp: 22823  
 Ion Ratio Lower Upper  
 113 100  
 55 211.5 194.2 234.2  
 56 145.5 122.6 162.6



#36  
 4-Chloro-3-methylphenol  
 Concen: 50.44 ng  
 RT: 12.30 min Scan# 1611  
 Delta R.T. 0.02 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

Tgt Ion:107 Resp: 121949  
 Ion Ratio Lower Upper  
 107 100  
 144 23.5 19.2 28.8  
 142 74.5 59.1 88.7

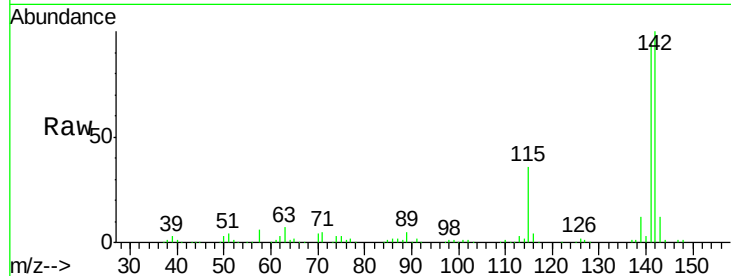




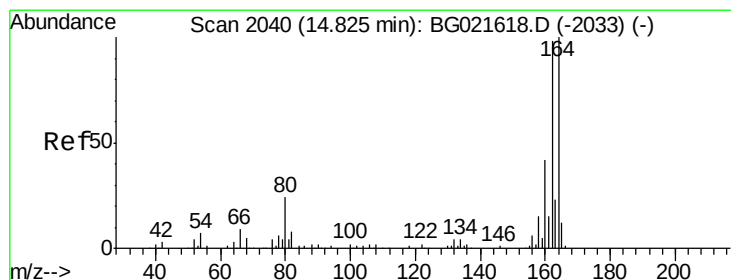
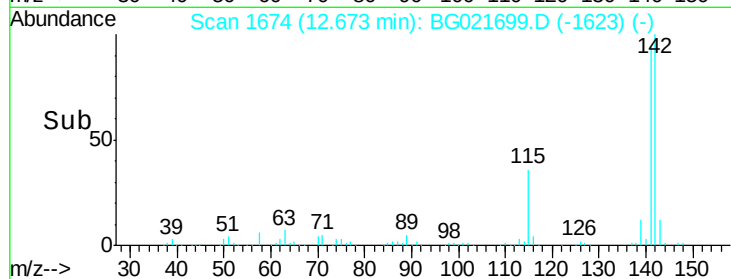
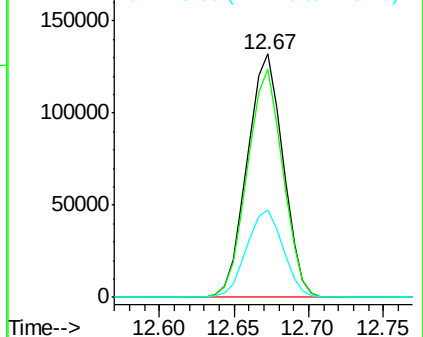
#37  
 2-Methylnaphthalene  
 Concen: 47.82 ng  
 RT: 12.67 min Scan# 1674  
 Delta R.T. -0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tgt Ion:142 Resp: 219264  
 Ion Ratio Lower Upper  
 142 100  
 141 93.5 71.4 107.0  
 115 36.1 27.4 41.2

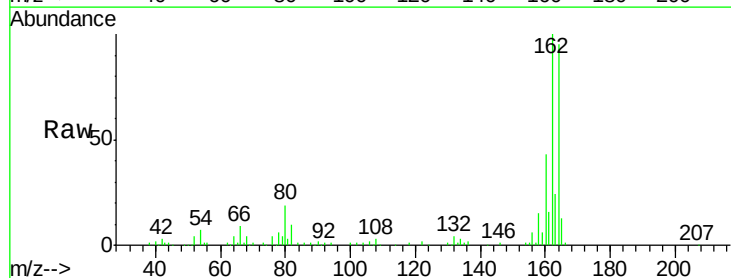


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

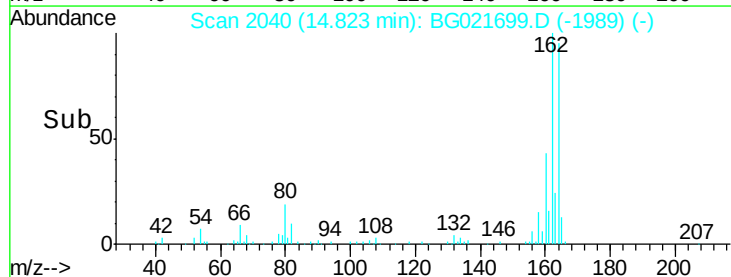
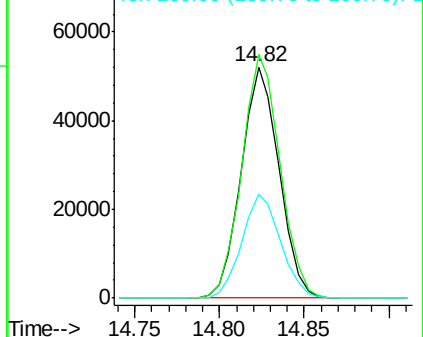


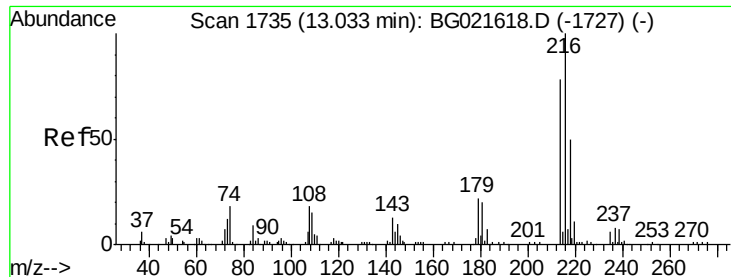
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.82 min Scan# 2040  
 Delta R.T. -0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

Tgt Ion:164 Resp: 81056  
 Ion Ratio Lower Upper  
 164 100  
 162 105.2 78.0 117.0  
 160 45.2 32.9 49.3



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

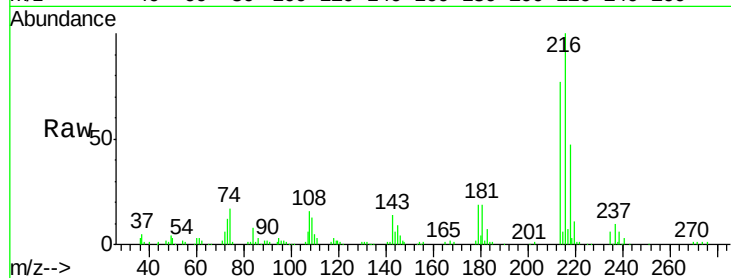




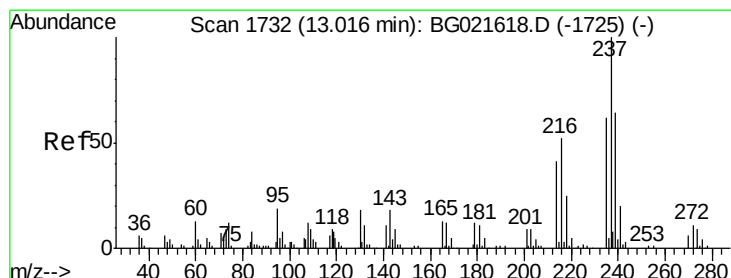
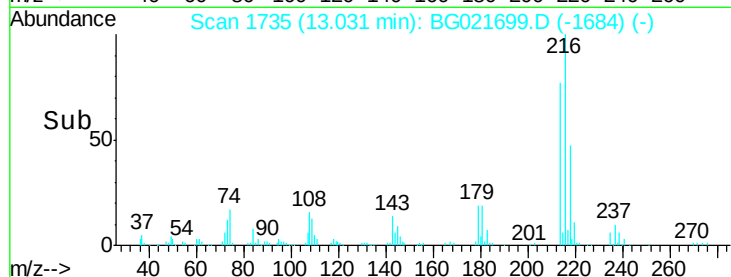
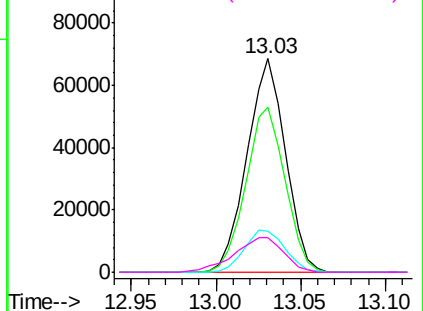
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 43.00 ng  
 RT: 13.03 min Scan# 1735  
 Delta R.T. -0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 108922 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.6  | 62.2  | 93.2   |
| 179      | 20.8  | 16.7  | 25.1   |
| 108      | 20.7  | 14.0  | 21.0   |

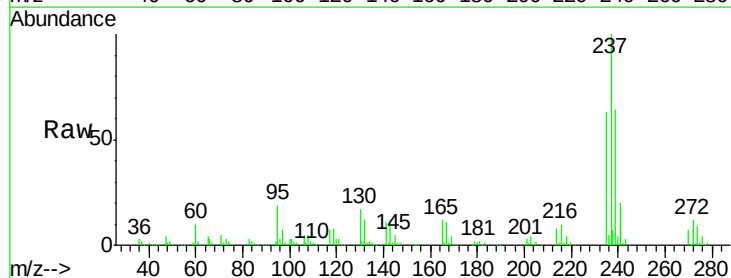


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

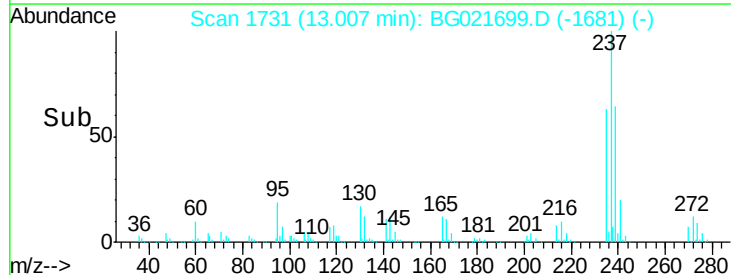
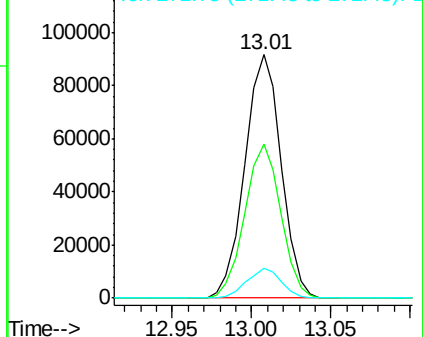


#40  
 Hexachlorocyclopentadiene  
 Concen: 103.54 ng  
 RT: 13.01 min Scan# 1731  
 Delta R.T. -0.01 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

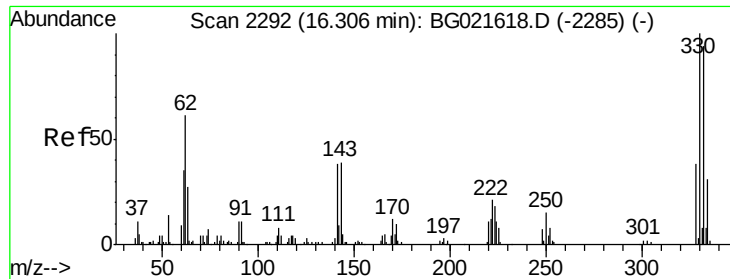
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 145692 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.2  | 43.2  | 83.2   |
| 272      | 12.4  | 0.0   | 33.4   |



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







#41

2,4,6-Tribromophenol

Concen: 188.92 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA\_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

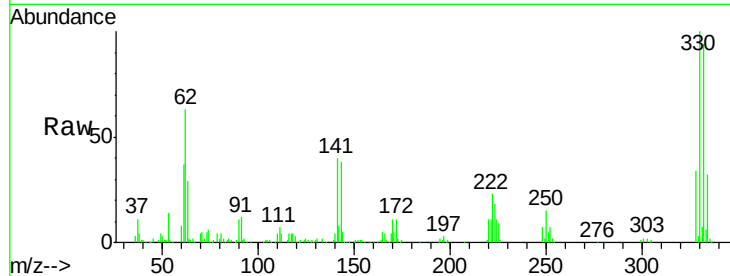
Tgt Ion:330 Resp: 165040

Ion Ratio Lower Upper

330 100

332 96.0 78.0 117.0

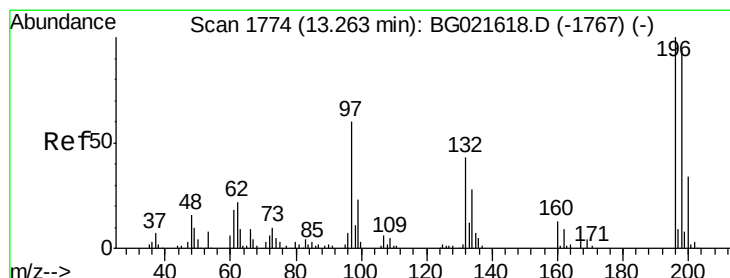
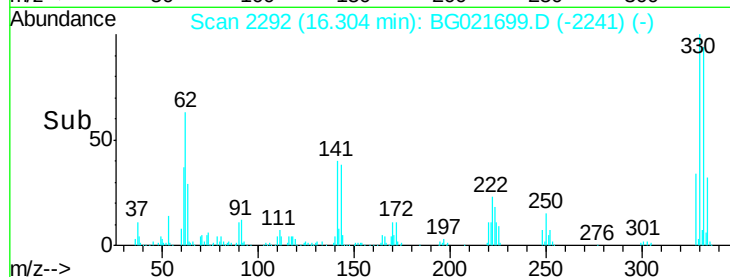
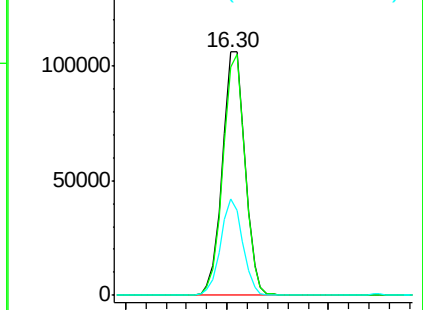
141 38.6 33.8 50.8



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



#42

2,4,6-Trichlorophenol

Concen: 49.83 ng

RT: 13.27 min Scan# 1775

Delta R.T. 0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

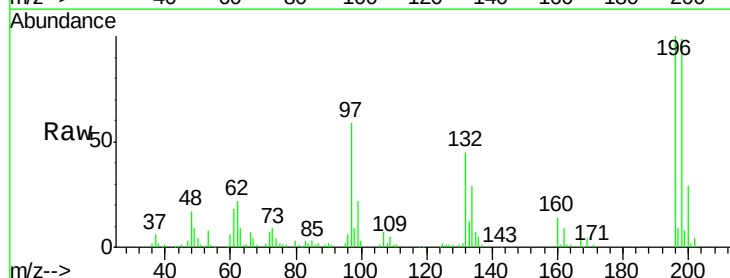
Tgt Ion:196 Resp: 80488

Ion Ratio Lower Upper

196 100

198 98.6 80.1 120.1

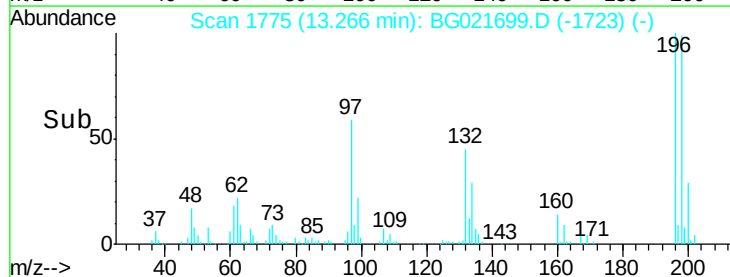
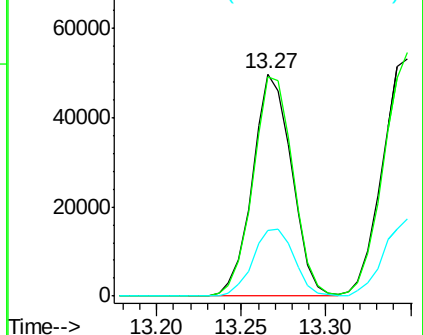
200 29.5 24.1 36.1

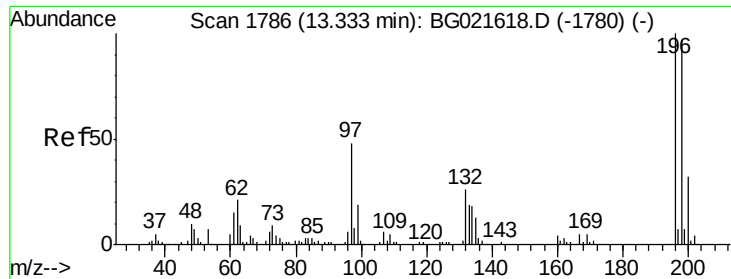


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

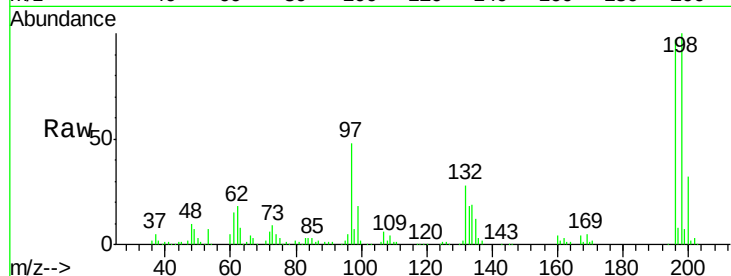




#43  
2,4,5-Trichlorophenol  
Concen: 51.75 ng  
RT: 13.35 min Scan# 1789  
Delta R.T. 0.02 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 102.9 | 78.0  | 117.0 |
| 97      | 49.4  | 43.0  | 64.6  |
| 132     | 28.5  | 23.0  | 34.4  |



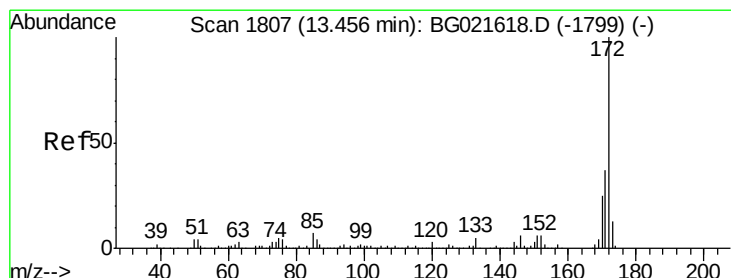
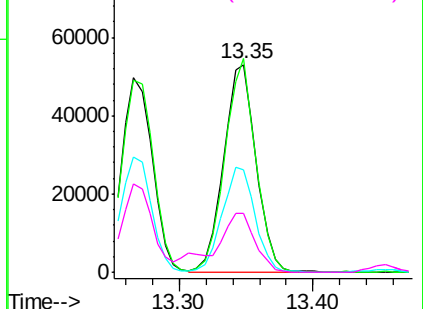
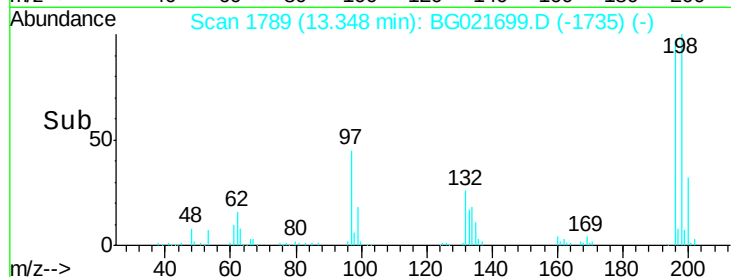
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

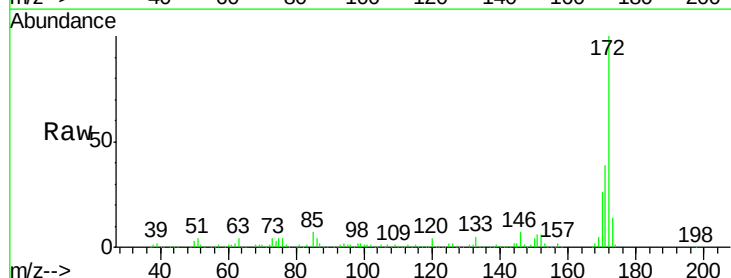
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



#44  
2-Fluorobiphenyl  
Concen: 95.23 ng  
RT: 13.45 min Scan# 1807  
Delta R.T. -0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 39.0  | 27.8  | 41.6  |
| 170     | 26.1  | 19.6  | 29.4  |

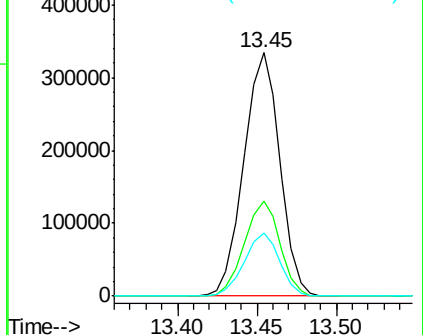
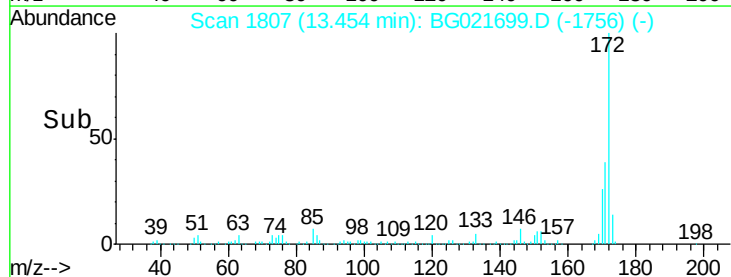


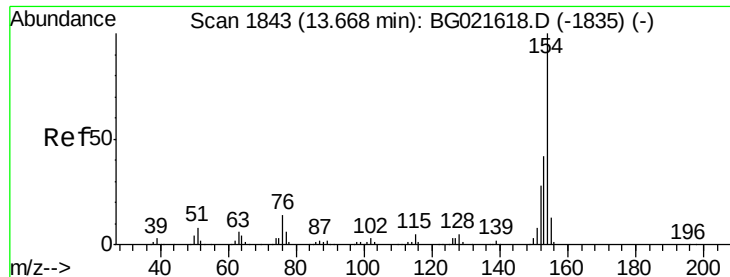
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

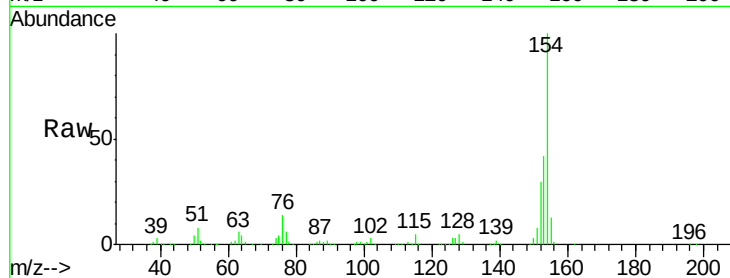




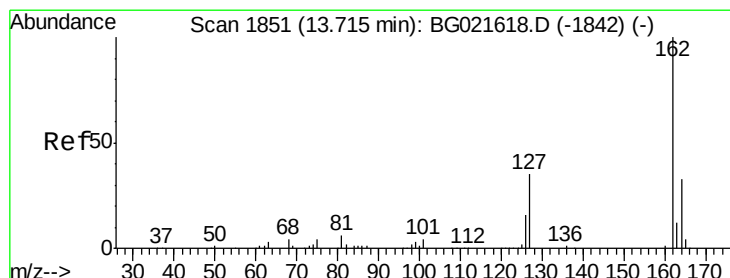
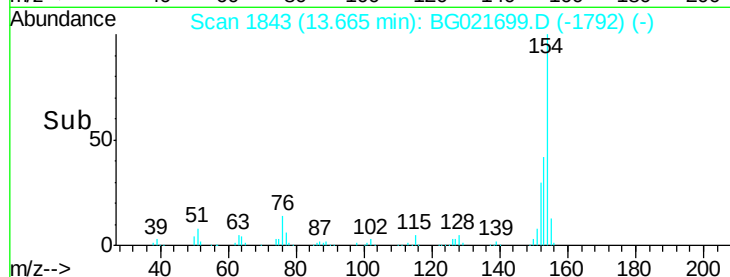
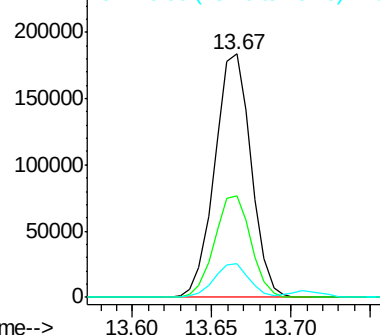
#45  
 1,1'-Biphenyl  
 Concen: 42.64 ng  
 RT: 13.67 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 291184 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 41.9  | 19.7  | 59.7   |
| 76       | 13.9  | 0.0   | 33.0   |

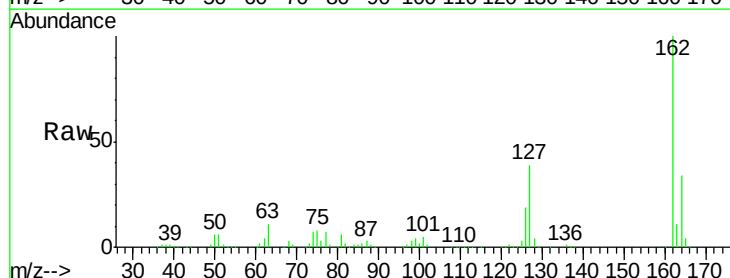


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BGC

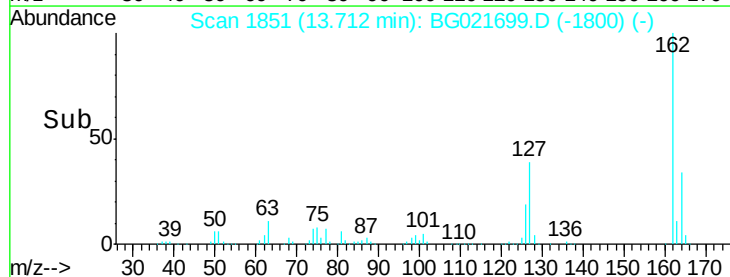
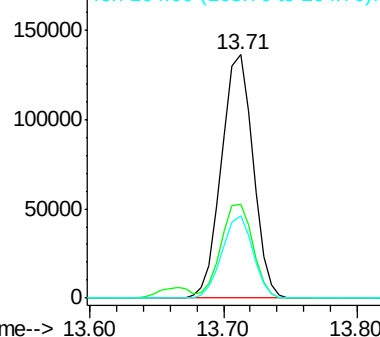


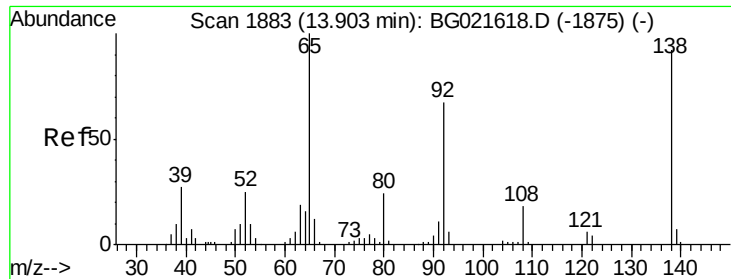
#46  
 2-Chloronaphthalene  
 Concen: 44.05 ng  
 RT: 13.71 min Scan# 1851  
 Delta R.T. -0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 222402 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 38.6  | 32.0  | 48.0   |
| 164      | 33.8  | 27.0  | 40.4   |



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

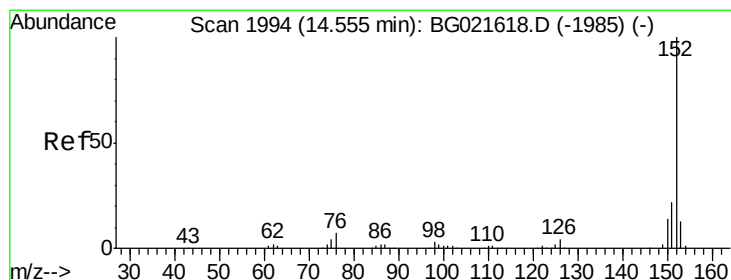
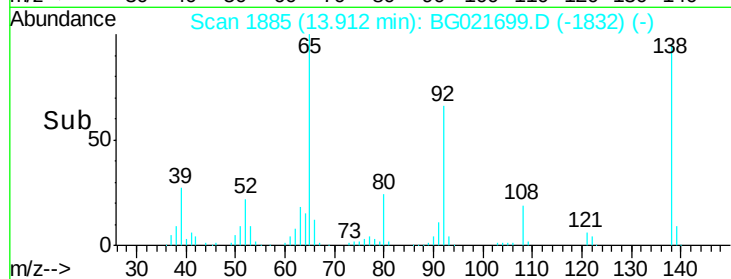
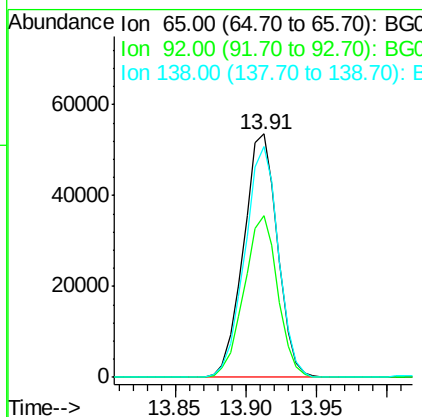
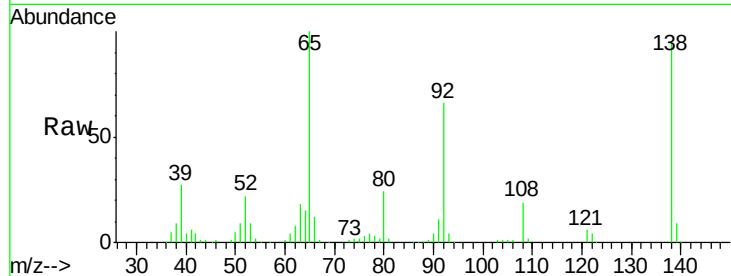




#47  
2-Nitroaniline  
Concen: 52.28 ng  
RT: 13.91 min Scan# 1885  
Delta R.T. 0.01 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

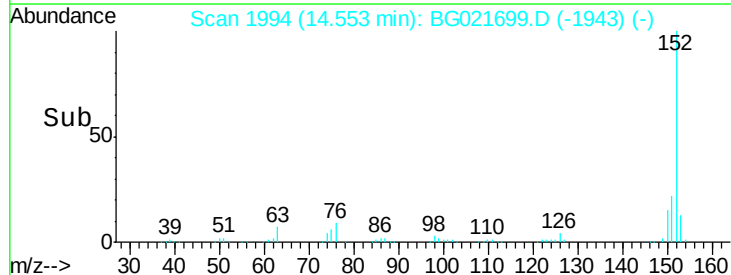
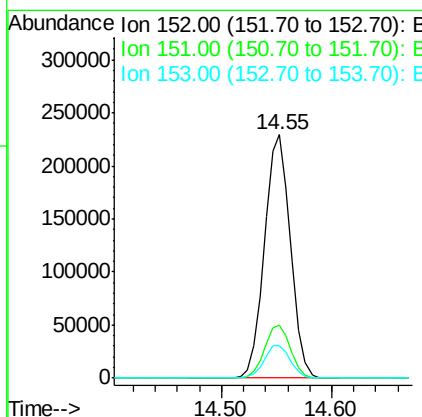
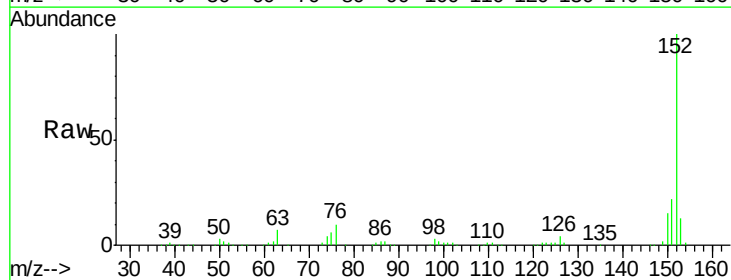
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

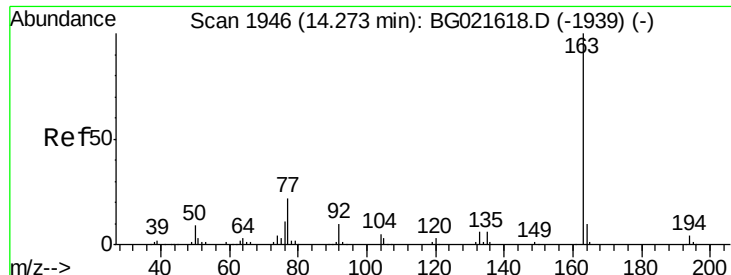
Tgt Ion: 65 Resp: 90503  
Ion Ratio Lower Upper  
65 100  
92 66.4 49.2 73.8  
138 94.9 75.0 112.6



#48  
Acenaphthylene  
Concen: 45.16 ng  
RT: 14.55 min Scan# 1994  
Delta R.T. -0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Tgt Ion: 152 Resp: 376935  
Ion Ratio Lower Upper  
152 100  
151 21.9 16.6 24.8  
153 13.2 10.2 15.2





#49

Dimethylphthalate

Concen: 46.01 ng

RT: 14.28 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA\_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

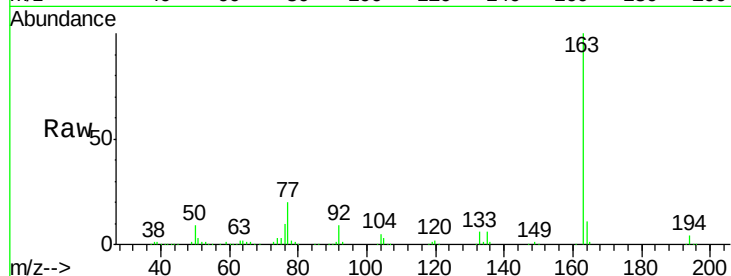
Tgt Ion:163 Resp: 322458

Ion Ratio Lower Upper

163 100

194 4.5 3.0 4.6

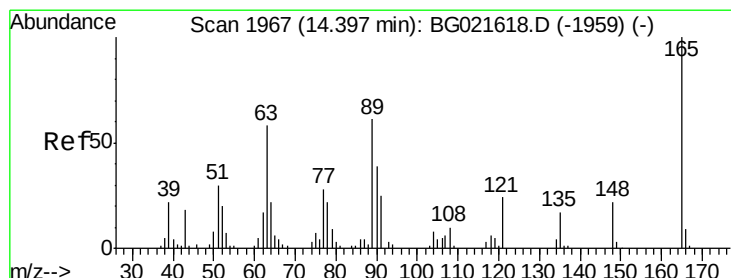
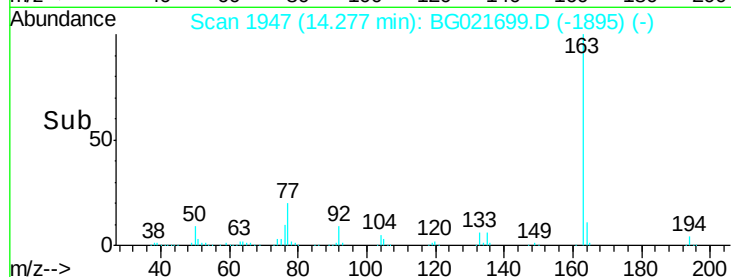
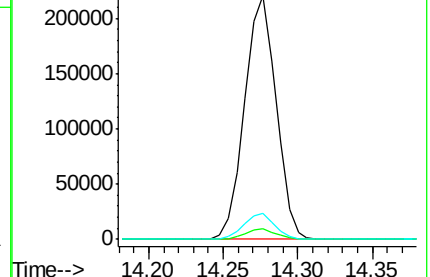
164 10.6 8.1 12.1



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



#50

2,6-Dinitrotoluene

Concen: 53.33 ng

RT: 14.39 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

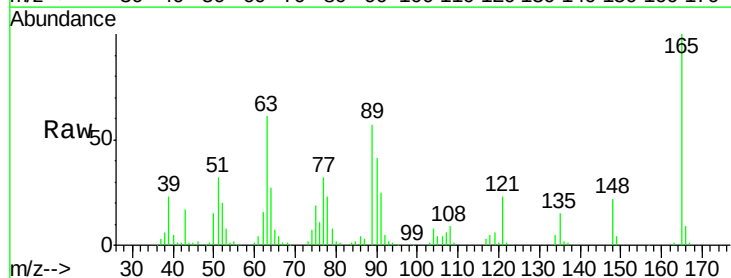
Tgt Ion:165 Resp: 71266

Ion Ratio Lower Upper

165 100

63 61.1 48.2 72.4

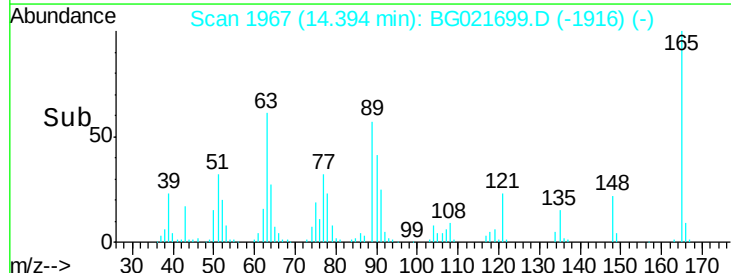
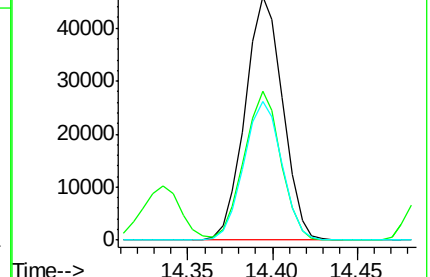
89 57.0 45.3 67.9

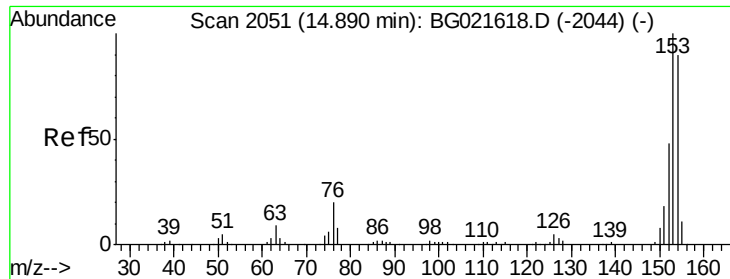


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 45.18 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA\_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

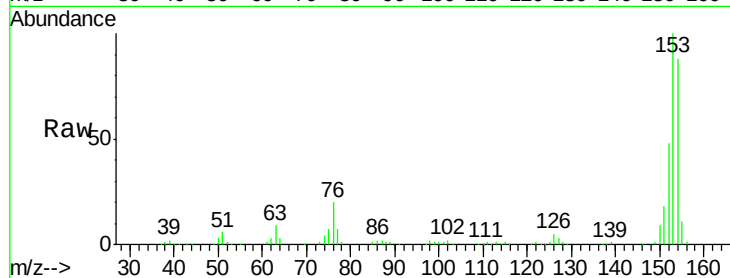
Tgt Ion:154 Resp: 241102

Ion Ratio Lower Upper

154 100

153 113.4 91.9 137.9

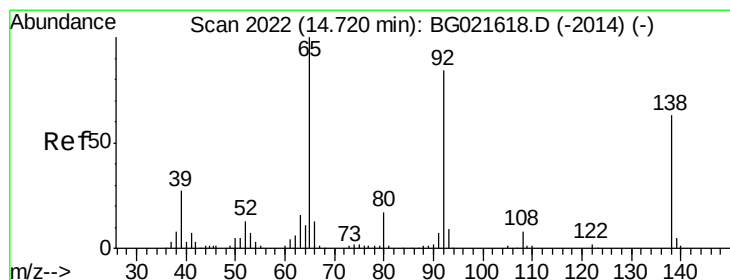
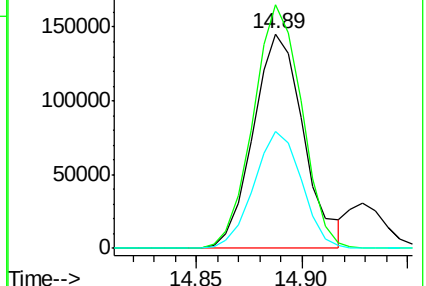
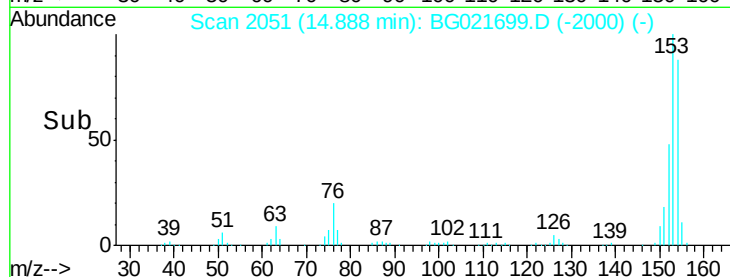
152 54.4 42.0 63.0



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



#52

3-Nitroaniline

Concen: 39.96 ng

RT: 14.73 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

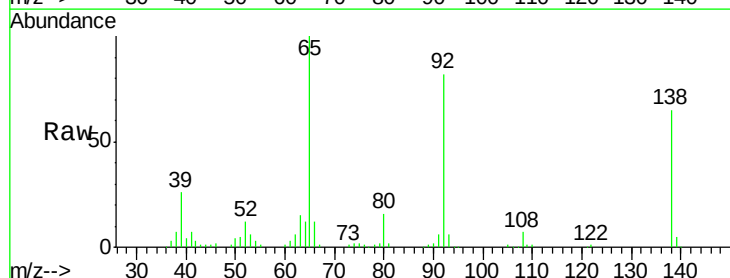
Tgt Ion:138 Resp: 59224

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

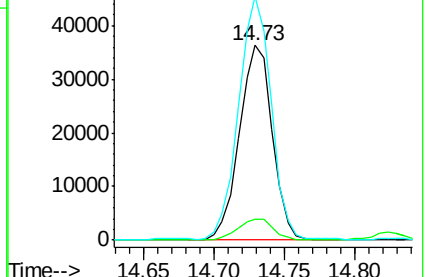
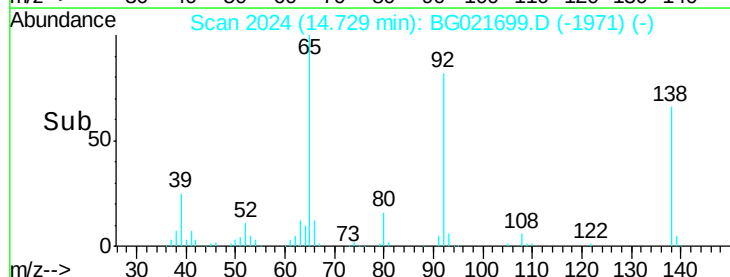
92 125.3 102.6 154.0

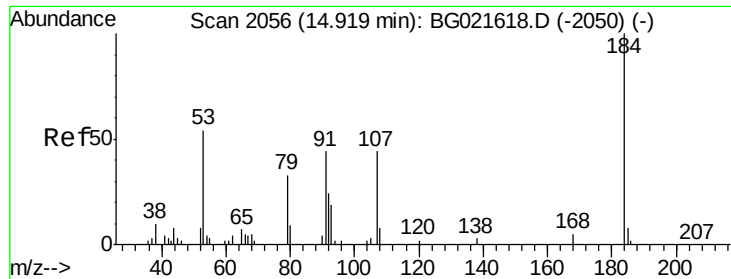


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

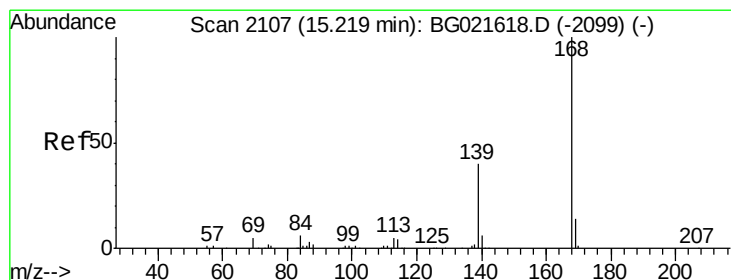
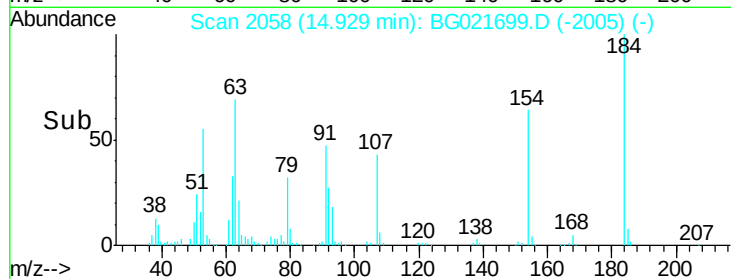
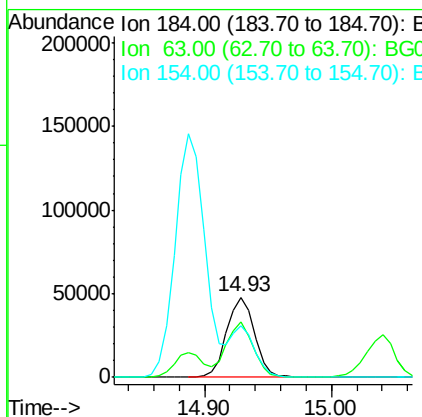
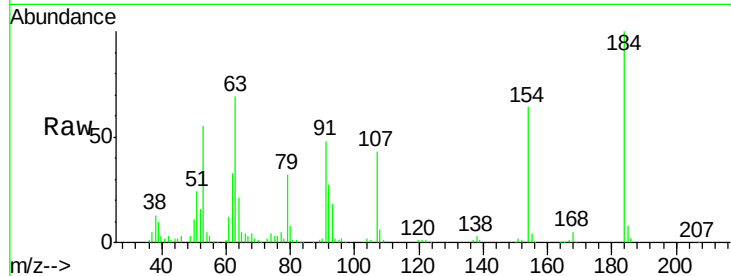




#53  
2,4-Dinitrophenol  
Concen: 137.04 ng  
RT: 14.93 min Scan# 2058  
Delta R.T. 0.01 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

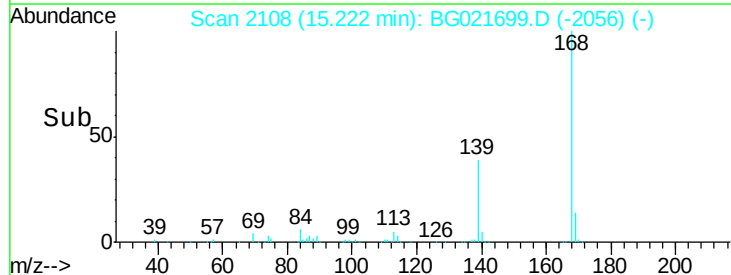
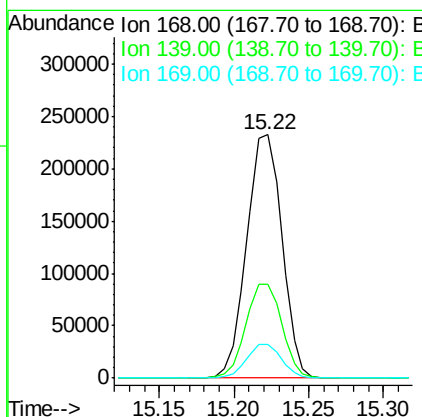
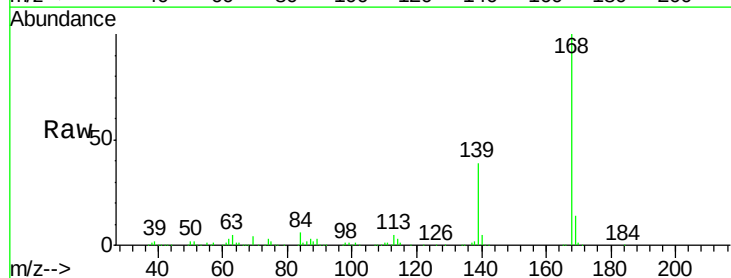
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

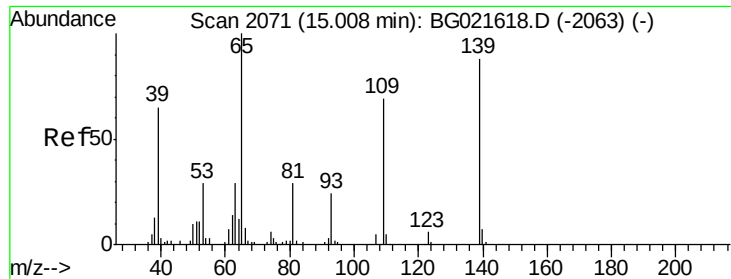
Tgt Ion:184 Resp: 73465  
Ion Ratio Lower Upper  
184 100  
63 69.0 57.3 85.9  
154 63.9 55.2 82.8



#54  
Dibenzofuran  
Concen: 52.26 ng  
RT: 15.22 min Scan# 2108  
Delta R.T. 0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Tgt Ion:168 Resp: 380821  
Ion Ratio Lower Upper  
168 100  
139 38.7 31.1 46.7  
169 13.9 11.0 16.6

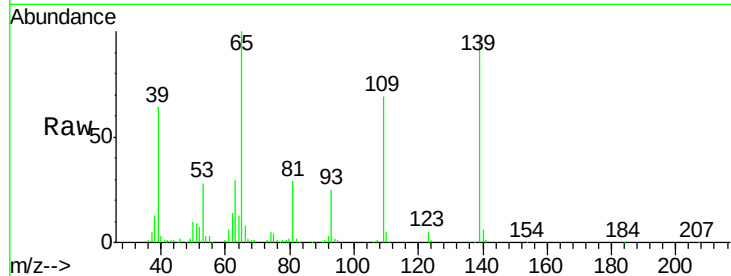




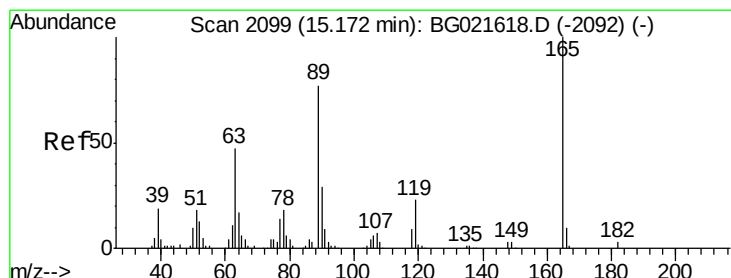
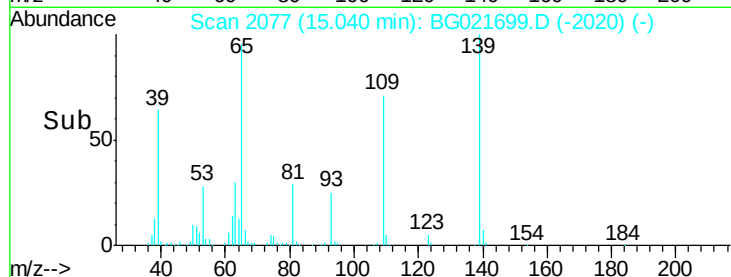
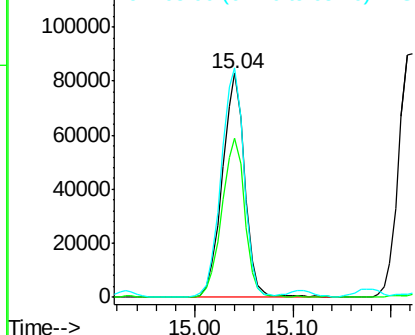
#55  
4-Nitrophenol  
Concen: 103.64 ng  
RT: 15.04 min Scan# 2077  
Delta R.T. 0.03 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tgt Ion:139 Resp: 131513  
Ion Ratio Lower Upper  
139 100  
109 70.7 49.2 89.2  
65 102.4 83.2 123.2

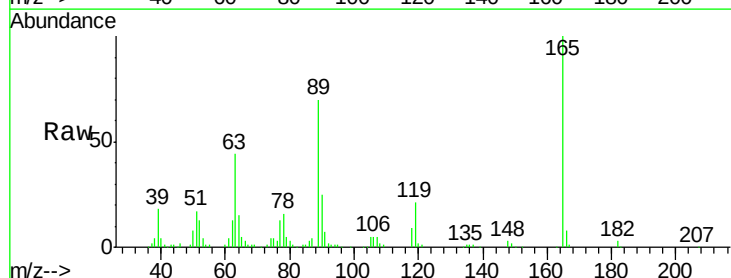


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BGC

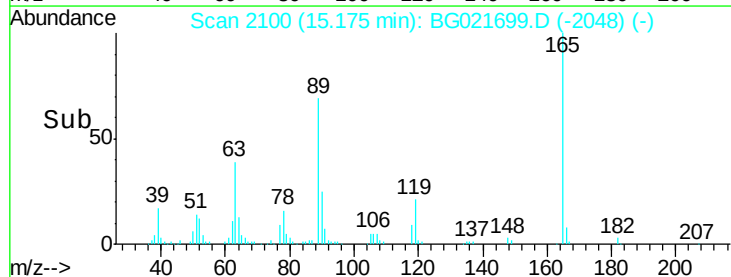
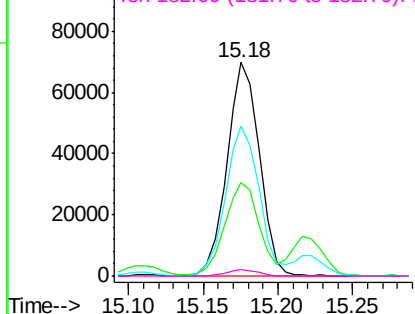


#56  
2,4-Dinitrotoluene  
Concen: 58.71 ng  
RT: 15.18 min Scan# 2100  
Delta R.T. 0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

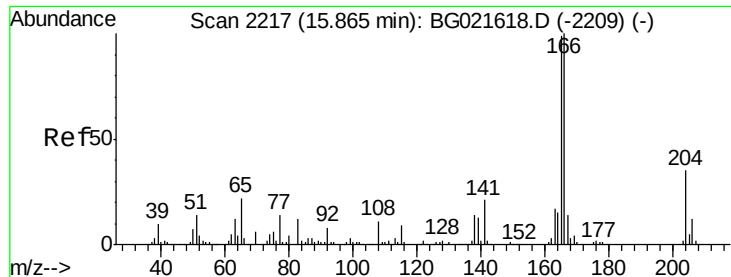
Tgt Ion:165 Resp: 106039  
Ion Ratio Lower Upper  
165 100  
63 43.8 37.4 56.0  
89 69.9 59.4 89.0  
182 2.8 2.1 3.1



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



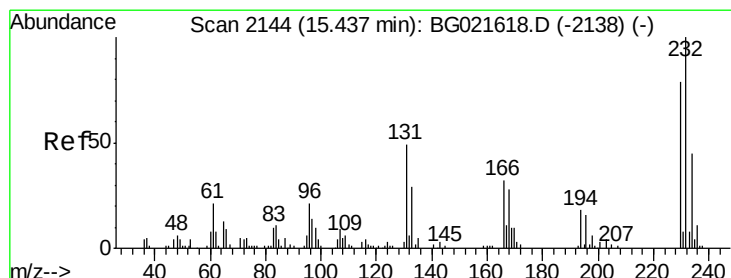
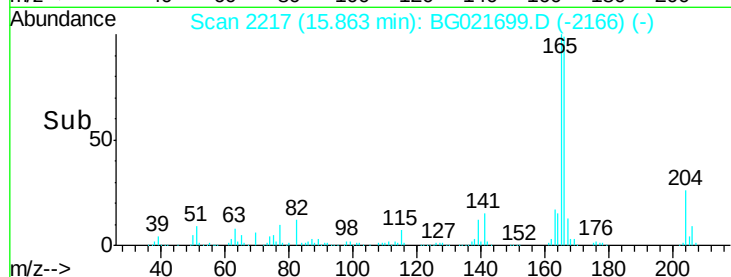
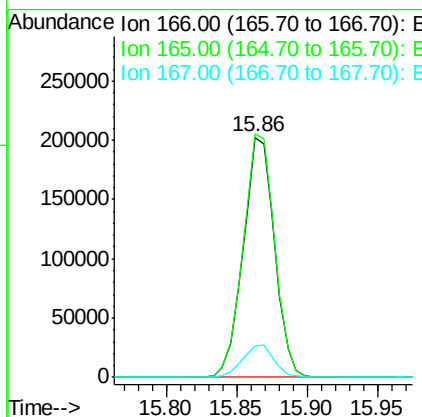
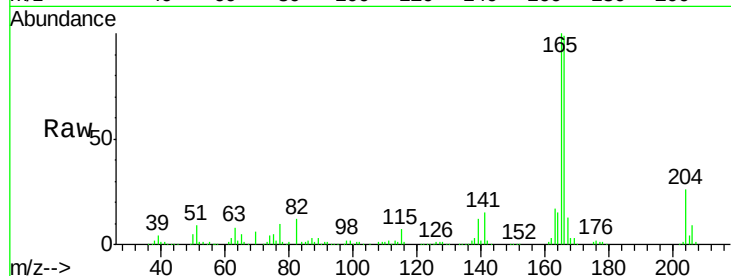




#57  
 Fluorene  
 Concen: 48.43 ng  
 RT: 15.86 min Scan# 2217  
 Delta R.T. -0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

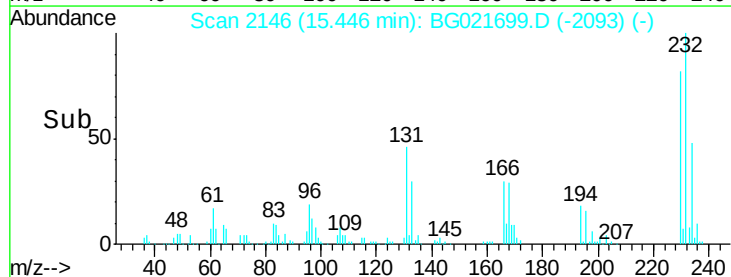
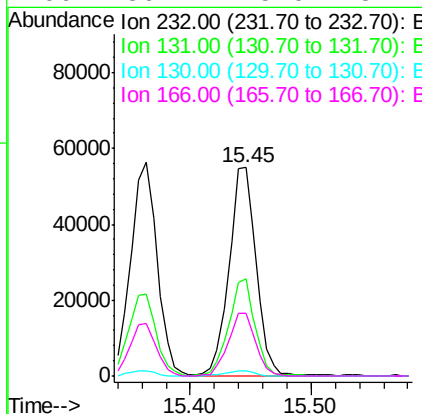
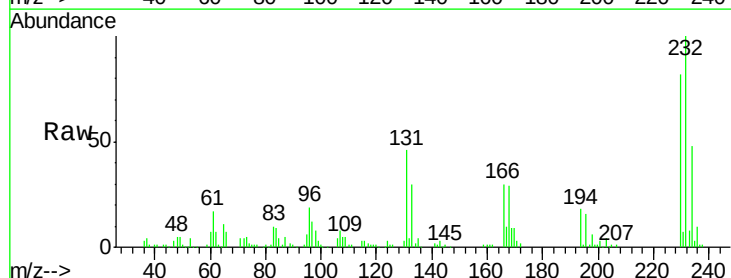
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

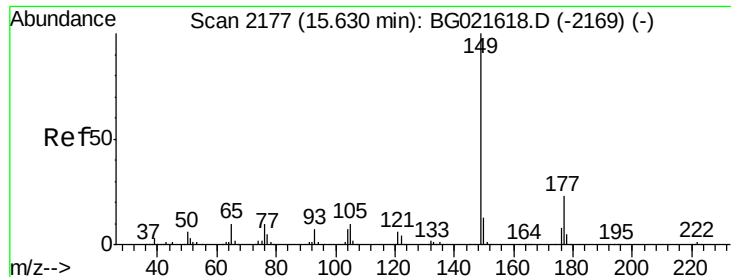
Tgt Ion:166 Resp: 315170  
 Ion Ratio Lower Upper  
 166 100  
 165 101.3 79.0 118.4  
 167 13.2 10.7 16.1



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 59.08 ng  
 RT: 15.45 min Scan# 2146  
 Delta R.T. 0.01 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

Tgt Ion:232 Resp: 85444  
 Ion Ratio Lower Upper  
 232 100  
 131 45.4 36.3 54.5  
 130 2.7 1.9 2.9  
 166 30.7 25.0 37.4

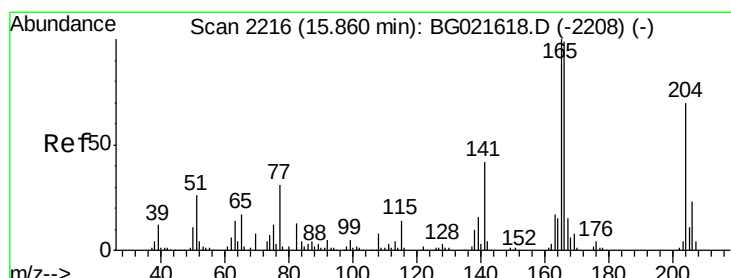
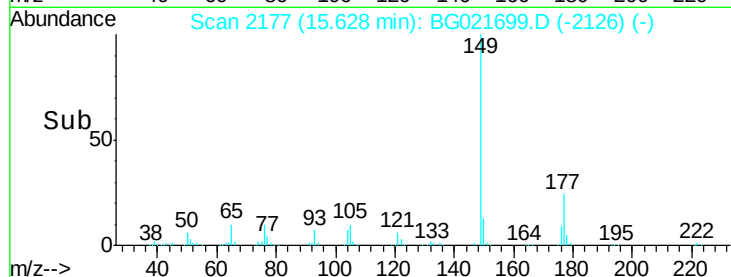
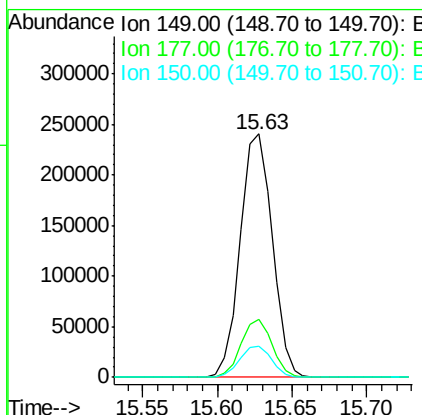
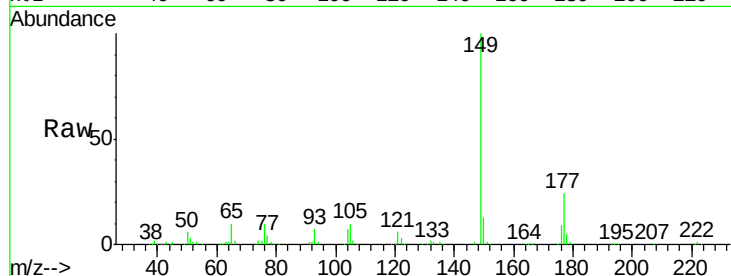




#59  
Diethylphthalate  
Concen: 49.01 ng  
RT: 15.63 min Scan# 2177  
Delta R.T. -0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

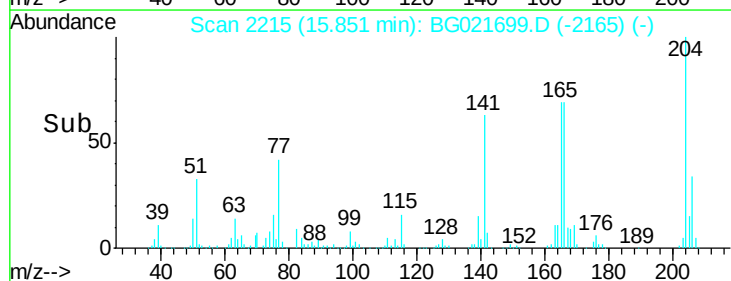
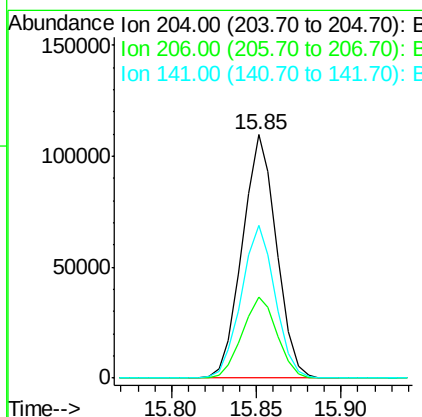
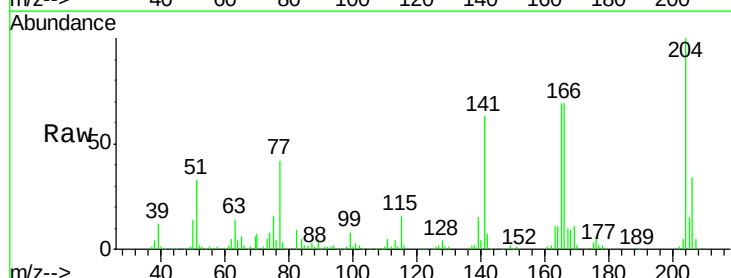
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

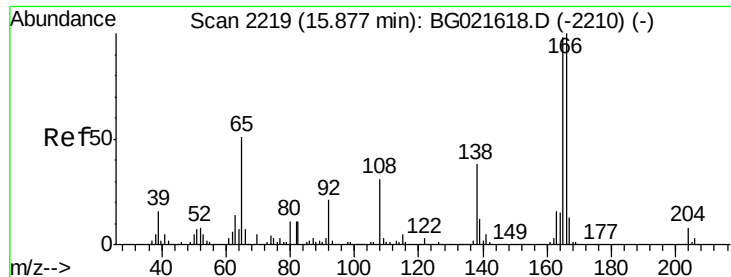
Tgt Ion:149 Resp: 358527  
Ion Ratio Lower Upper  
149 100  
177 23.9 17.3 25.9  
150 13.0 9.7 14.5



#60  
4-Chlorophenyl-phenylether  
Concen: 48.09 ng  
RT: 15.85 min Scan# 2215  
Delta R.T. -0.01 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Tgt Ion:204 Resp: 154153  
Ion Ratio Lower Upper  
204 100  
206 33.5 27.8 41.8  
141 62.5 51.0 76.4

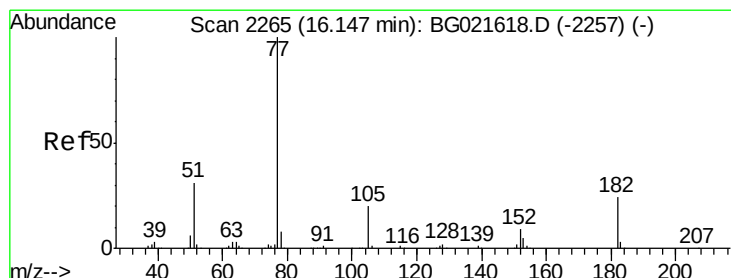
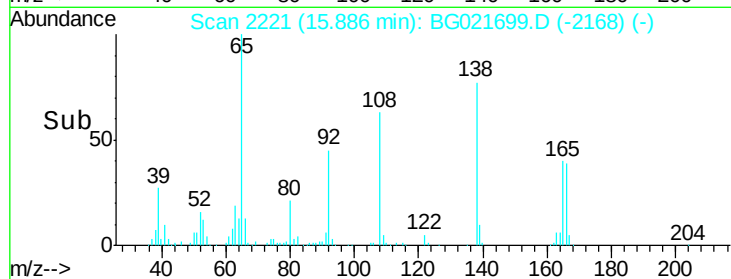
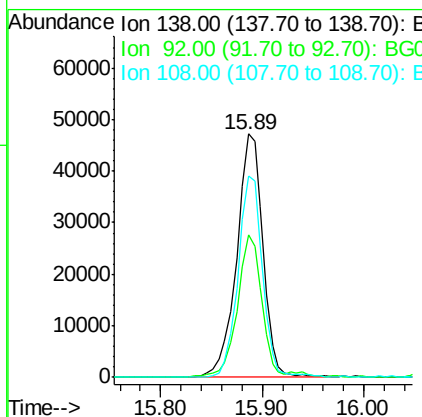
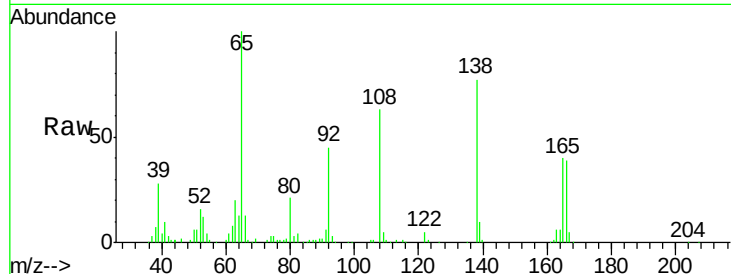




#61  
4-Nitroaniline  
Concen: 51.86 ng  
RT: 15.89 min Scan# 2221  
Delta R.T. 0.01 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

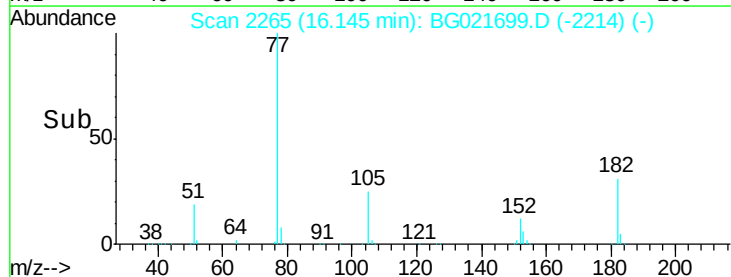
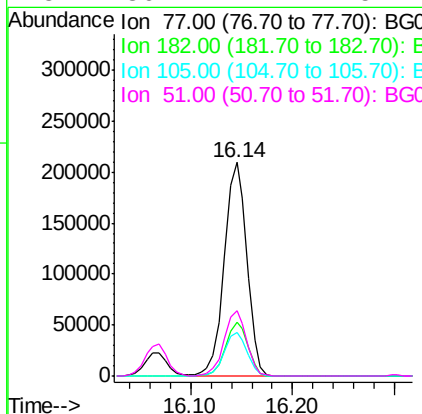
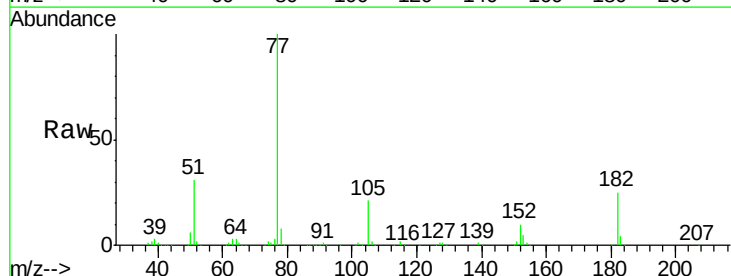
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

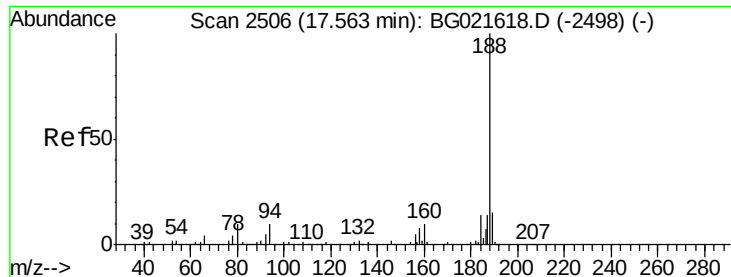
Tgt Ion: 138 Resp: 84576  
Ion Ratio Lower Upper  
138 100  
92 58.3 37.7 77.7  
108 82.6 59.4 99.4



#62  
Azobenzene  
Concen: 51.57 ng  
RT: 16.14 min Scan# 2265  
Delta R.T. -0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Tgt Ion: 77 Resp: 323292  
Ion Ratio Lower Upper  
77 100  
182 24.9 4.1 44.1  
105 20.5 0.0 39.8  
51 30.7 11.1 51.1

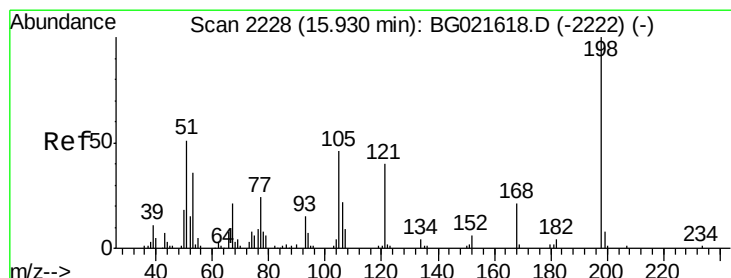
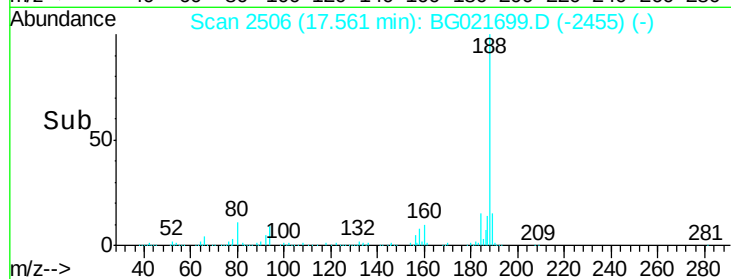
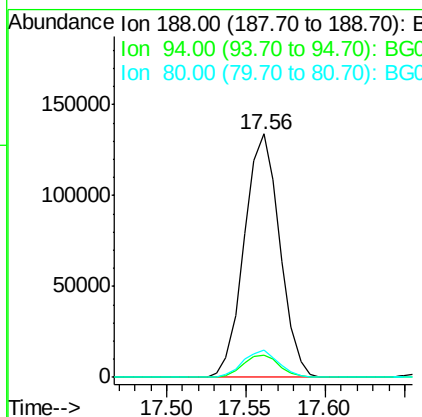
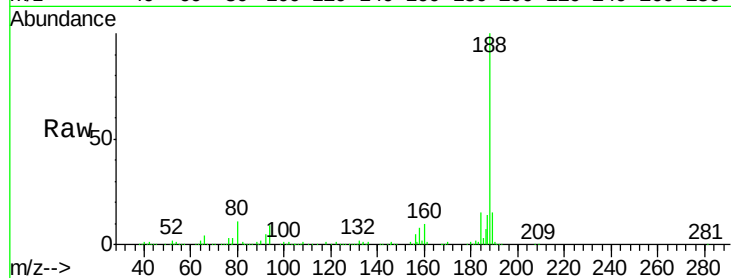




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.56 min Scan# 2506  
Delta R.T. -0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

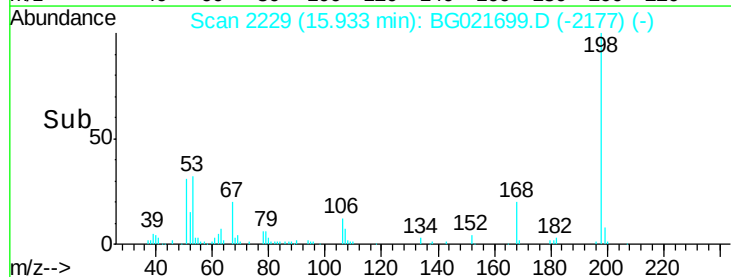
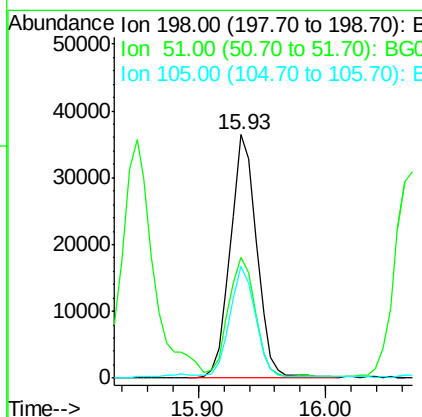
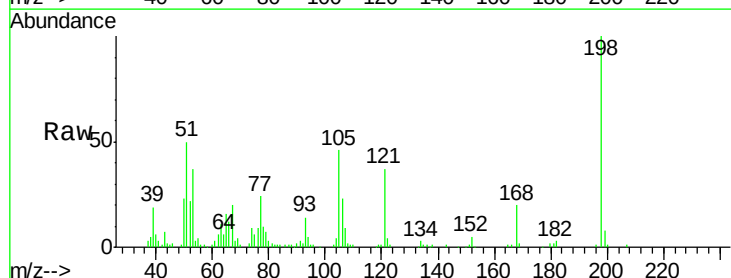
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

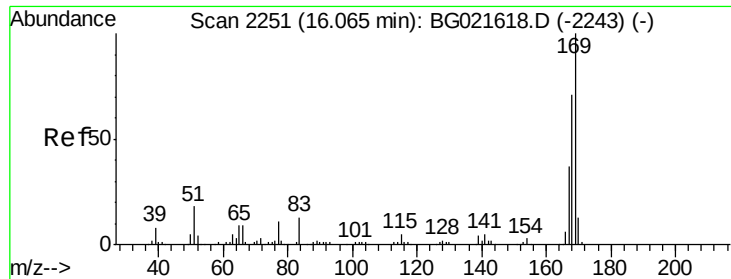
Tgt Ion:188 Resp: 208277  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.5 11.3  
80 11.0 8.6 13.0



#64  
4,6-Dinitro-2-methylphenol  
Concen: 59.13 ng  
RT: 15.93 min Scan# 2229  
Delta R.T. 0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Tgt Ion:198 Resp: 52513  
Ion Ratio Lower Upper  
198 100  
51 49.8 29.2 69.2  
105 45.7 24.0 64.0

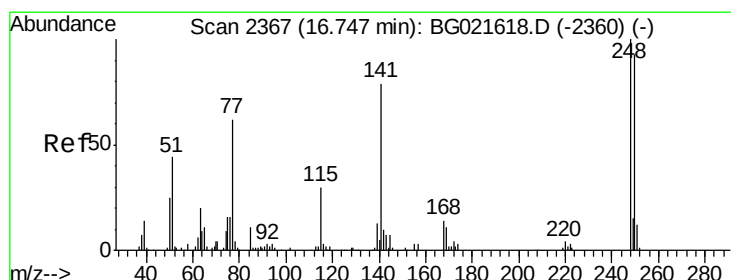
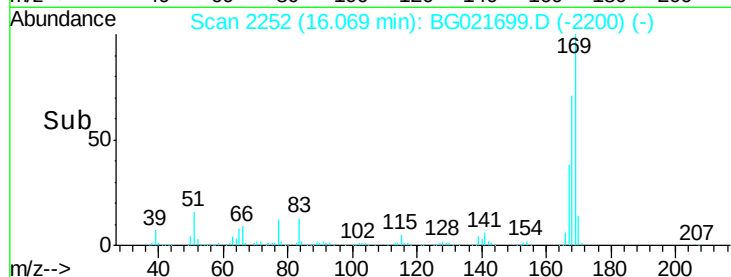
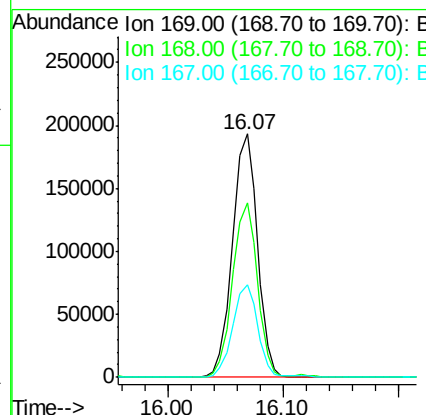
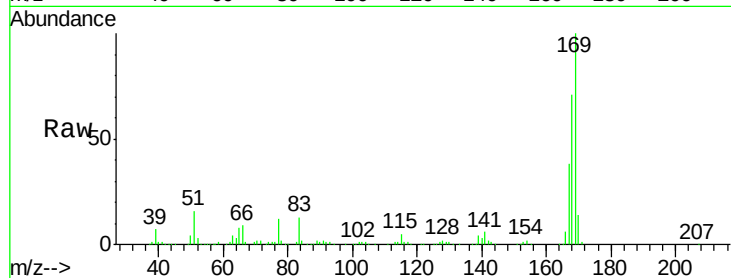




#65  
 n-Nitrosodiphenylamine  
 Concen: 46.35 ng  
 RT: 16.07 min Scan# 2252  
 Delta R.T. 0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

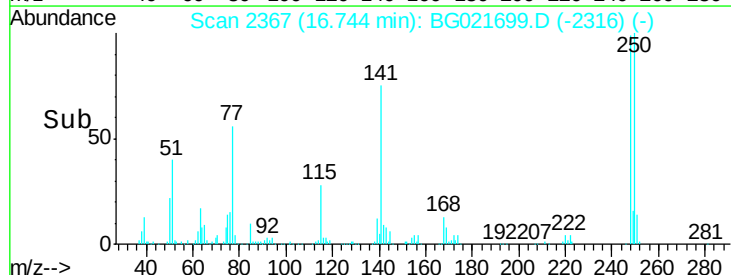
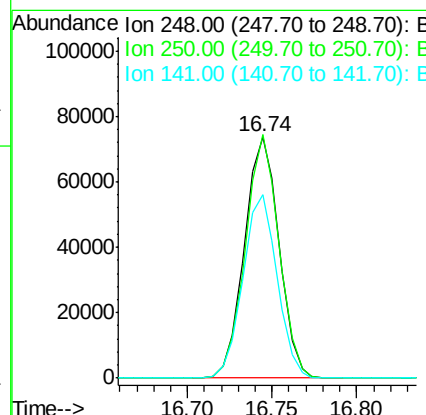
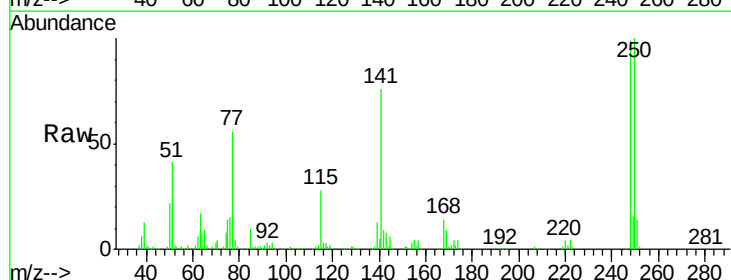
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

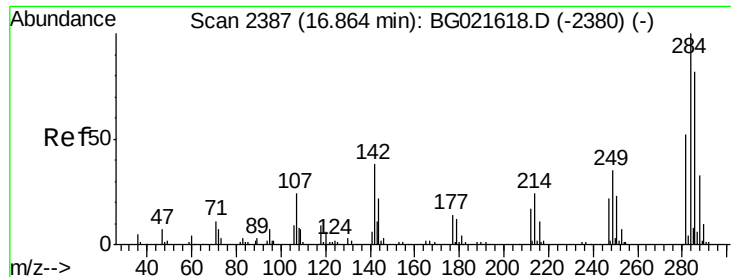
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 71.5  | 59.6  | 89.4  |
| 167     | 38.2  | 31.2  | 46.8  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 47.15 ng  
 RT: 16.74 min Scan# 2367  
 Delta R.T. -0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 101.0 | 76.6  | 114.8 |
| 141     | 76.3  | 63.8  | 95.6  |

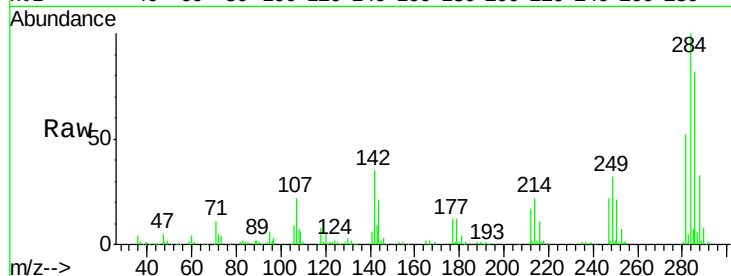




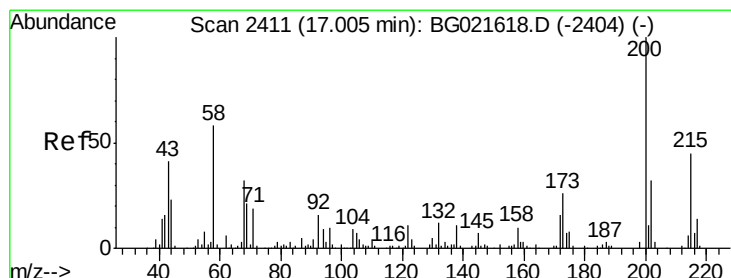
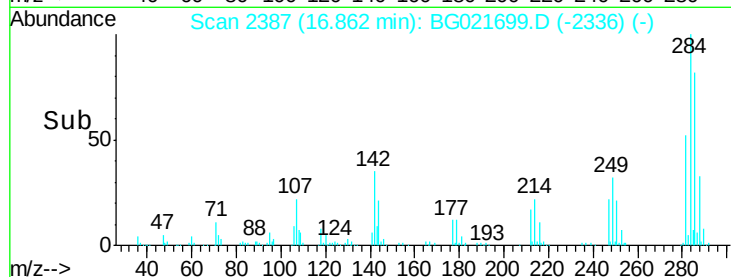
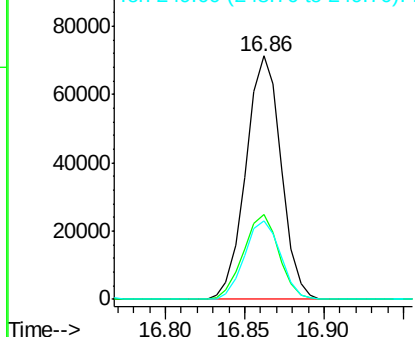
#67  
Hexachlorobenzene  
Concen: 46.53 ng  
RT: 16.86 min Scan# 2387  
Delta R.T. -0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tgt Ion:284 Resp: 109604  
Ion Ratio Lower Upper  
284 100  
142 34.6 31.8 47.6  
249 32.3 27.3 40.9

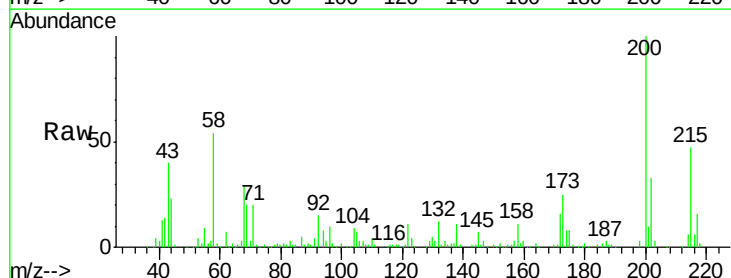


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

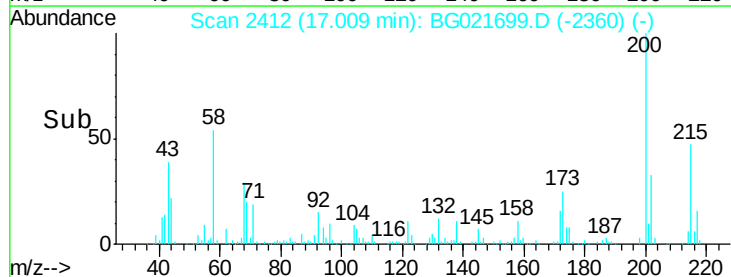
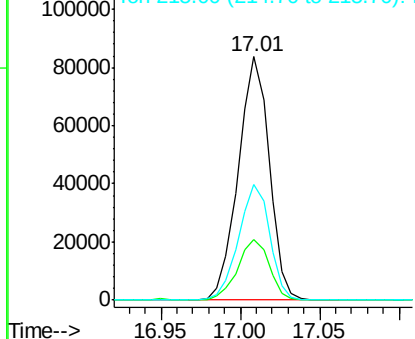


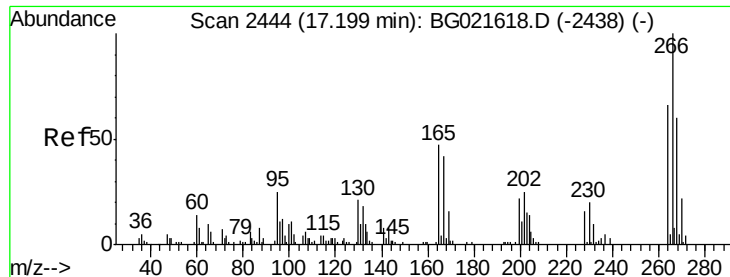
#68  
Atrazine  
Concen: 45.90 ng  
RT: 17.01 min Scan# 2412  
Delta R.T. 0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Tgt Ion:200 Resp: 113225  
Ion Ratio Lower Upper  
200 100  
173 25.0 5.1 45.1  
215 47.5 28.0 68.0



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

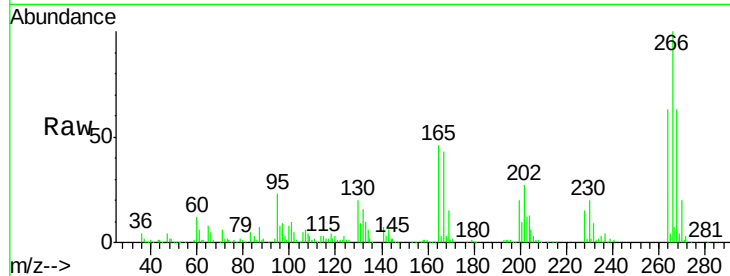




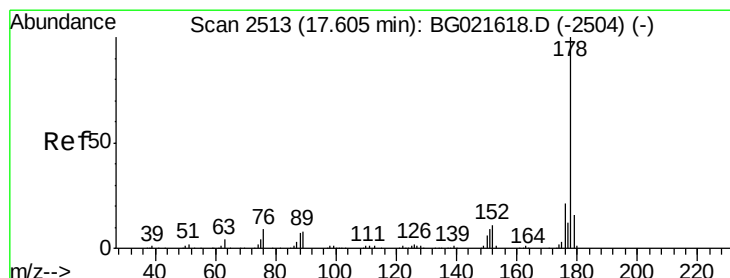
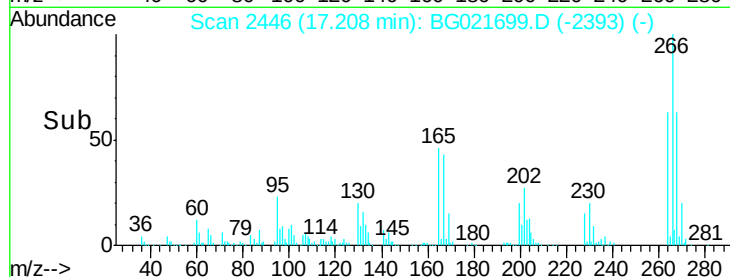
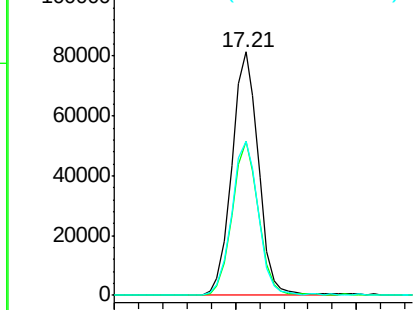
#69  
 Pentachlorophenol  
 Concen: 92.84 ng  
 RT: 17.21 min Scan# 2446  
 Delta R.T. 0.01 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tgt Ion:266 Resp: 124854  
 Ion Ratio Lower Upper  
 266 100  
 268 63.5 54.5 81.7  
 264 63.3 53.8 80.6

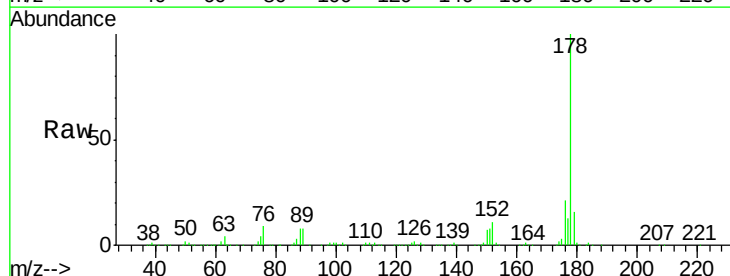


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

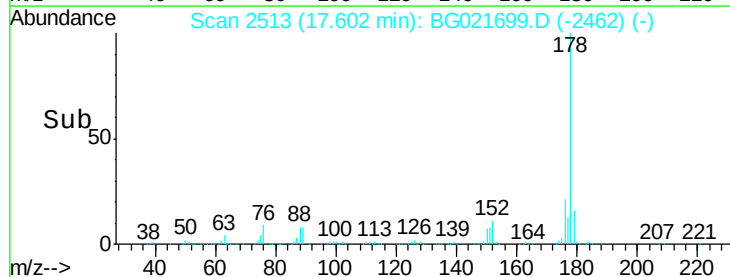
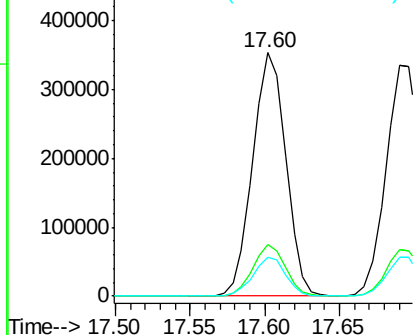


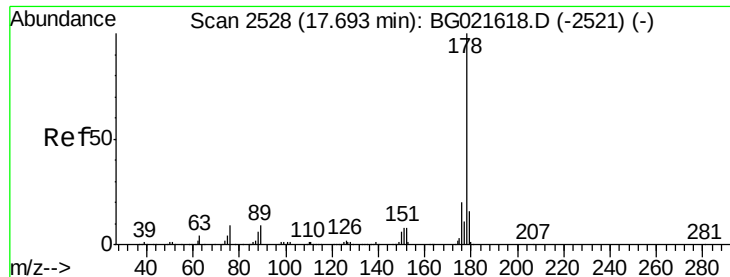
#70  
 Phenanthrene  
 Concen: 47.15 ng  
 RT: 17.60 min Scan# 2513  
 Delta R.T. -0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

Tgt Ion:178 Resp: 541206  
 Ion Ratio Lower Upper  
 178 100  
 176 21.2 16.2 24.4  
 179 16.1 12.0 18.0



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

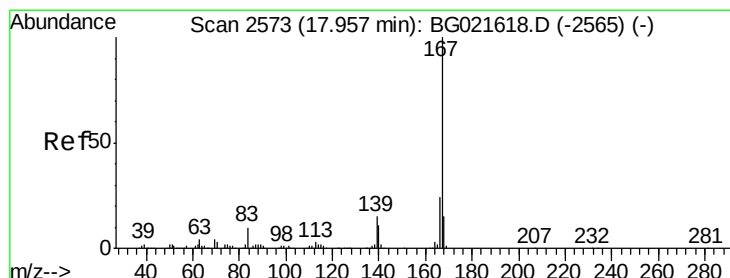
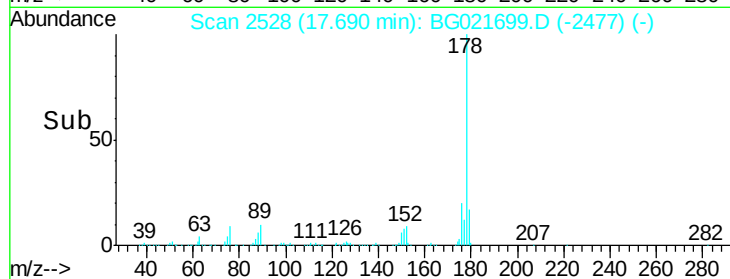
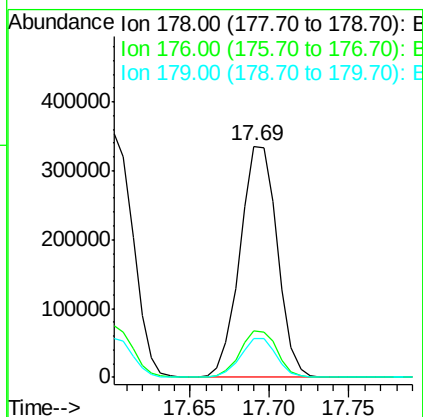
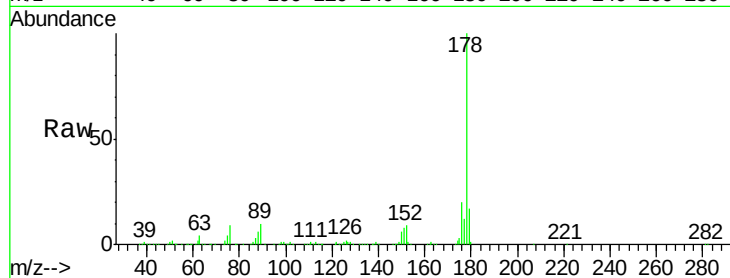




#71  
 Anthracene  
 Concen: 46.85 ng  
 RT: 17.69 min Scan# 2528  
 Delta R.T. -0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

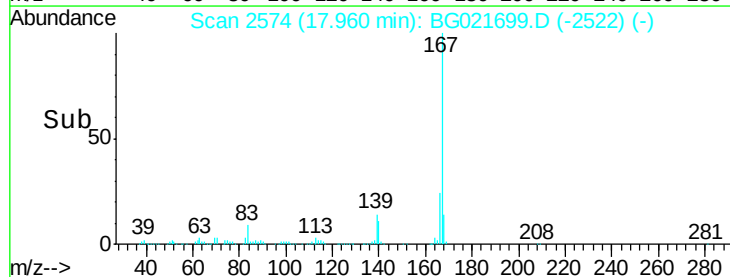
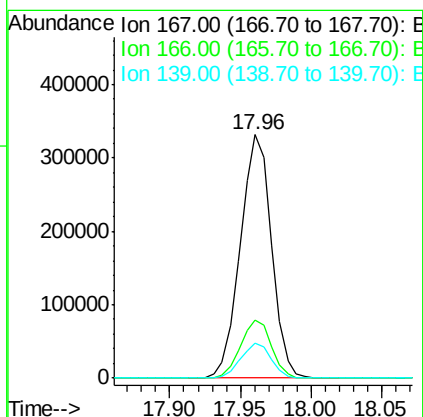
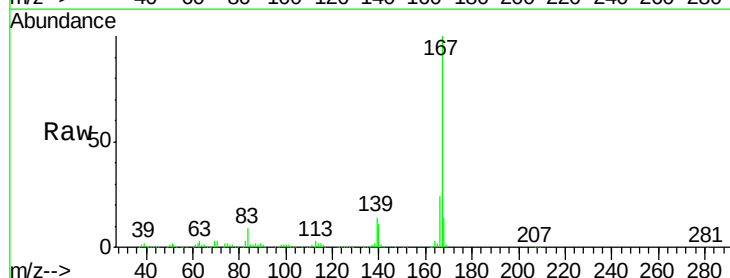
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tgt Ion:178 Resp: 545931  
 Ion Ratio Lower Upper  
 178 100  
 176 20.2 15.0 22.4  
 179 16.7 12.2 18.4

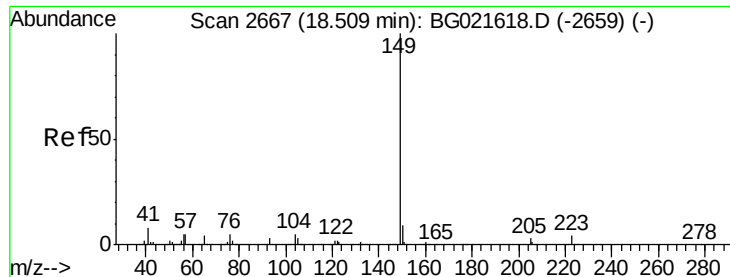


#72  
 Carbazole  
 Concen: 47.07 ng  
 RT: 17.96 min Scan# 2574  
 Delta R.T. 0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

Tgt Ion:167 Resp: 511917  
 Ion Ratio Lower Upper  
 167 100  
 166 23.8 18.6 27.8  
 139 14.2 10.6 15.8







#73

Di-n-butylphthalate

Concen: 45.81 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :

BNA\_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)

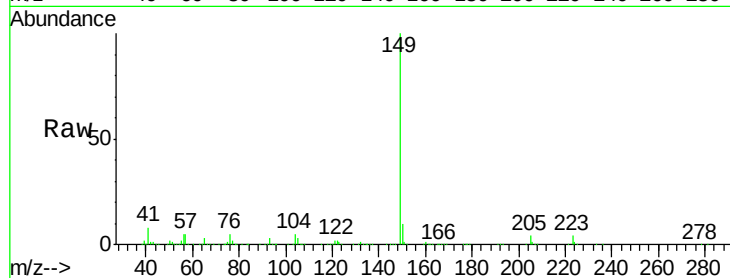
Tgt Ion:149 Resp: 633762

Ion Ratio Lower Upper

149 100

150 9.7 7.4 11.0

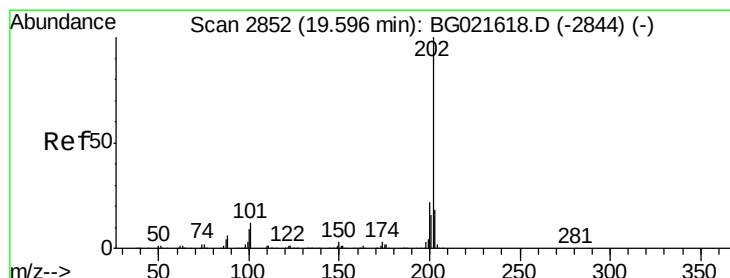
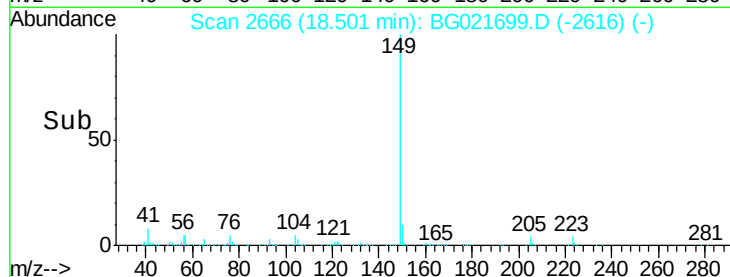
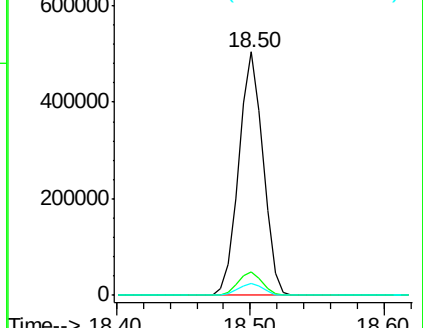
104 4.8 4.0 6.0



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



#74

Fluoranthene

Concen: 45.51 ng

RT: 19.59 min Scan# 2852

Delta R.T. -0.00 min

Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

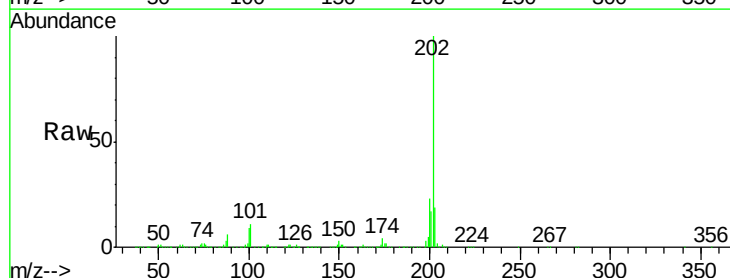
Tgt Ion:202 Resp: 623749

Ion Ratio Lower Upper

202 100

101 11.1 0.0 31.0

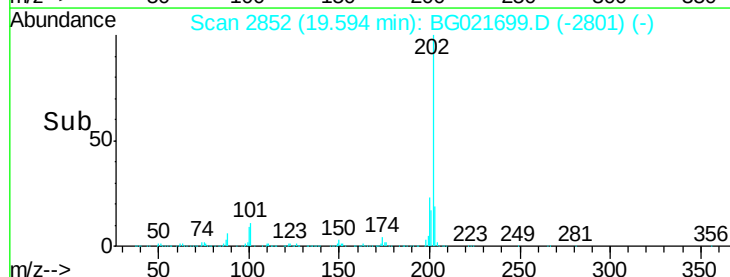
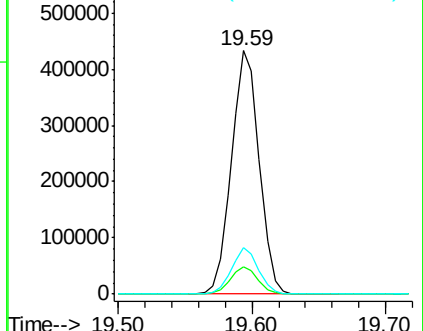
203 18.9 0.0 37.9

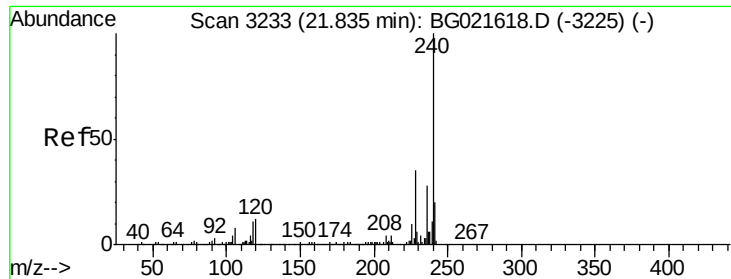


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

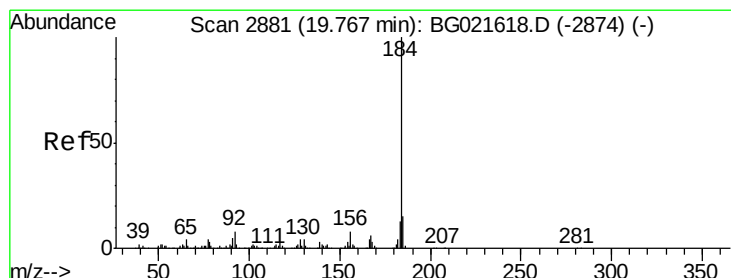
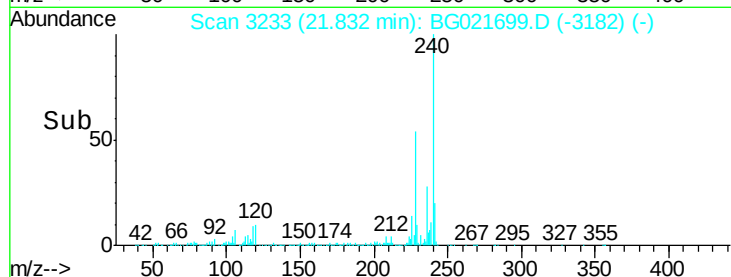
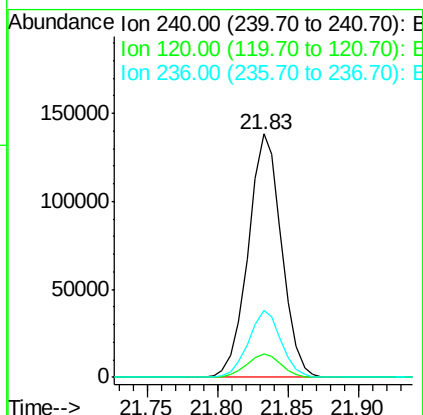
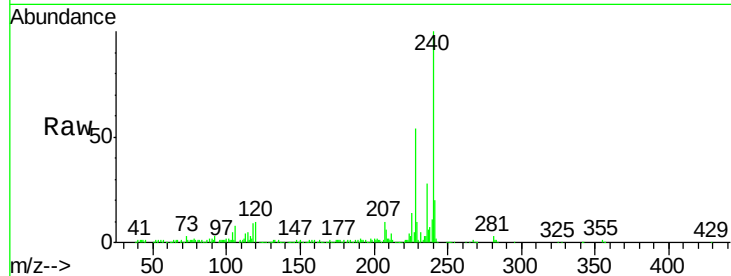




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.83 min Scan# 3233  
Delta R.T. -0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

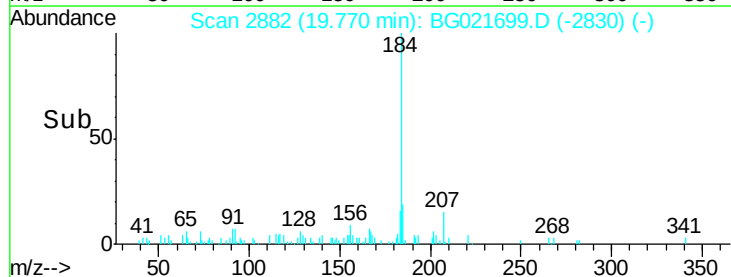
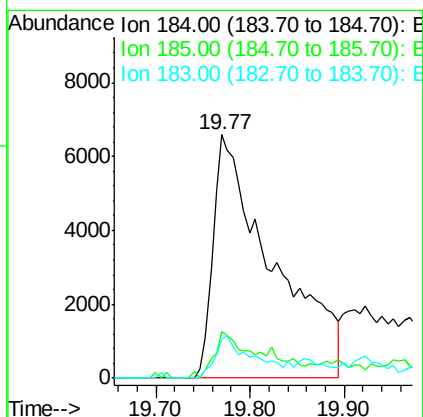
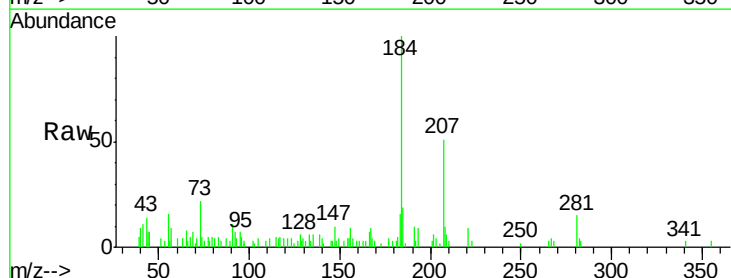
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

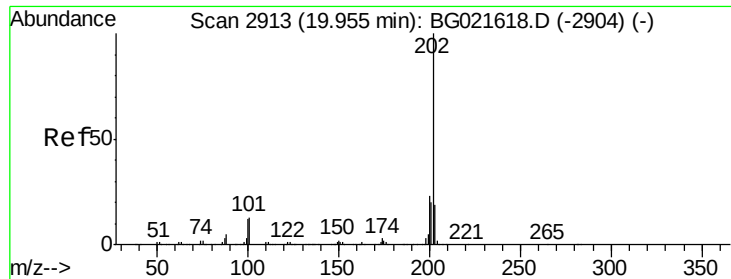
Tgt Ion:240 Resp: 228677  
Ion Ratio Lower Upper  
240 100  
120 9.8 8.4 12.6  
236 27.5 19.6 29.4



#76  
Benzidine  
Concen: 4.09 ng  
RT: 19.77 min Scan# 2882  
Delta R.T. 0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Tgt Ion:184 Resp: 29115  
Ion Ratio Lower Upper  
184 100  
185 19.1 11.5 17.3#  
183 15.9 10.2 15.4#

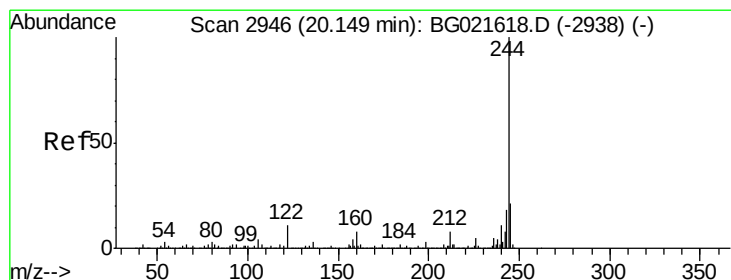
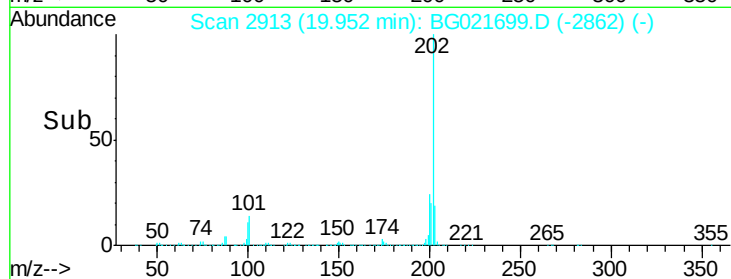
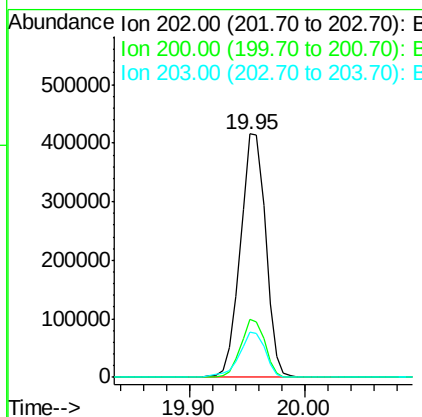
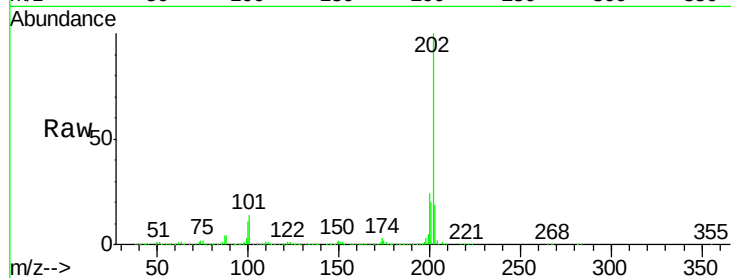




#77  
 Pyrene  
 Concen: 48.08 ng  
 RT: 19.95 min Scan# 2913  
 Delta R.T. -0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

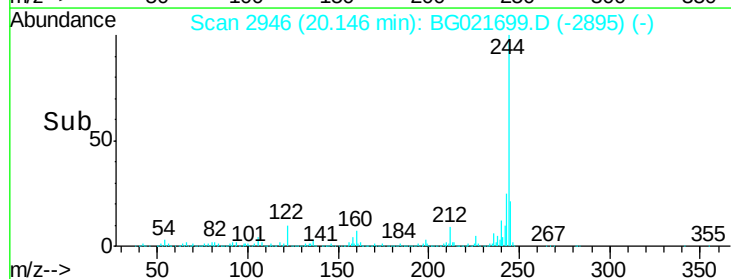
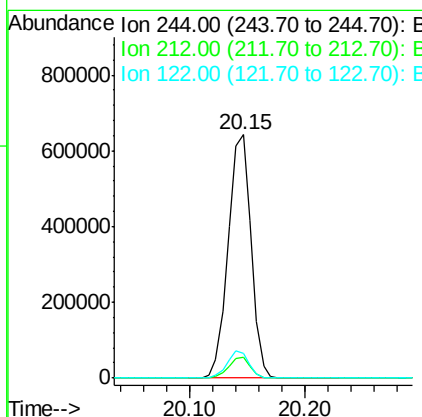
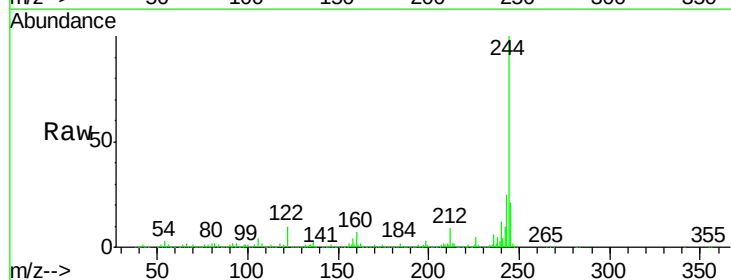
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

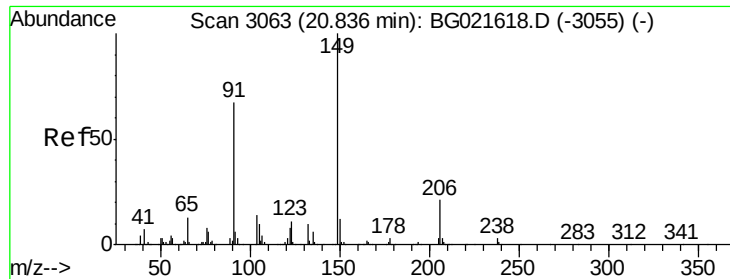
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 633915 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 200      | 23.9  | 18.2  | 27.2   |
| 203      | 18.6  | 15.0  | 22.4   |



#78  
 Terphenyl-d14  
 Concen: 96.14 ng  
 RT: 20.15 min Scan# 2946  
 Delta R.T. -0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 244   | Resp: | 881087 |
| Ion      | Ratio | Lower | Upper  |
| 244      | 100   |       |        |
| 212      | 8.6   | 6.5   | 9.7    |
| 122      | 10.3  | 8.6   | 12.8   |

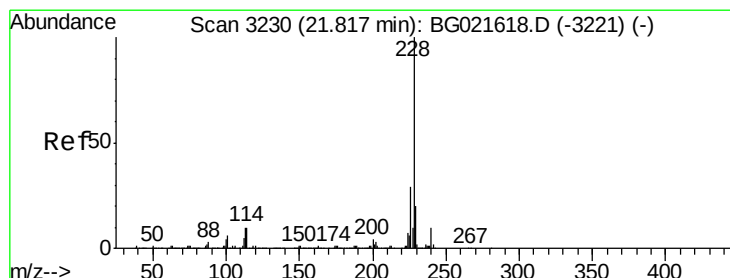
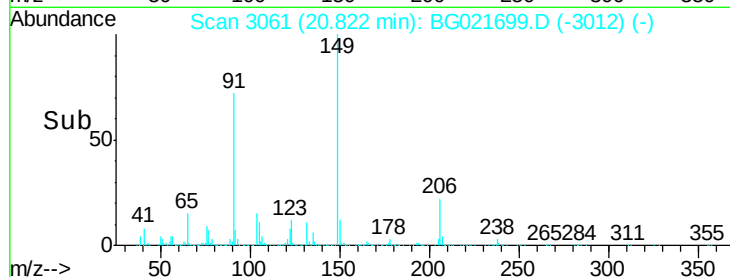
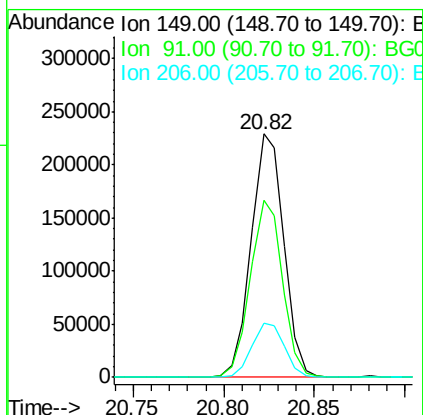
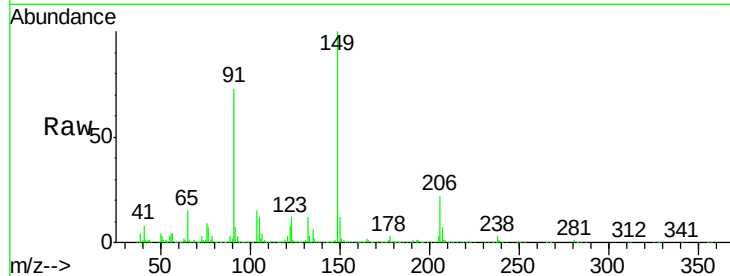




#79  
Butylbenzylphthalate  
Concen: 47.03 ng  
RT: 20.82 min Scan# 3061  
Delta R.T. -0.01 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

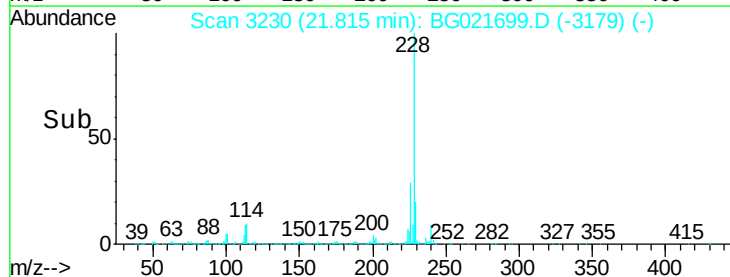
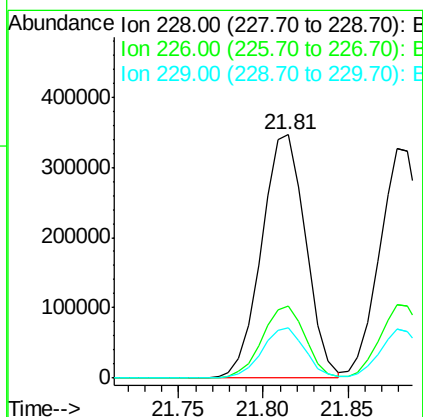
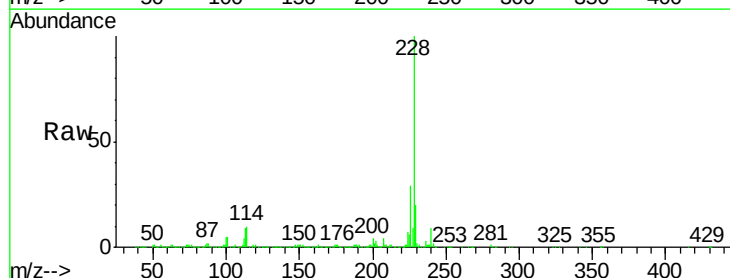
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

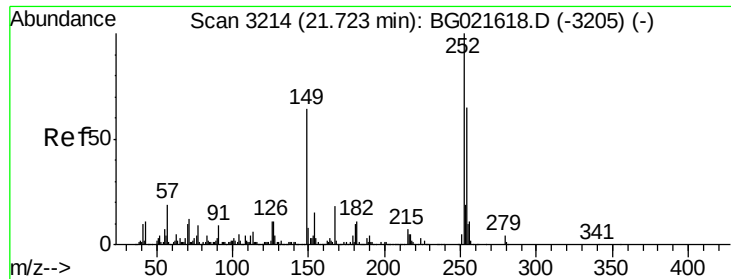
Tgt Ion:149 Resp: 287874  
Ion Ratio Lower Upper  
149 100  
91 72.6 57.8 86.8  
206 22.2 17.0 25.4



#80  
Benzo(a)anthracene  
Concen: 47.34 ng  
RT: 21.81 min Scan# 3230  
Delta R.T. -0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

Tgt Ion:228 Resp: 623043  
Ion Ratio Lower Upper  
228 100  
226 29.5 22.6 34.0  
229 20.5 16.1 24.1

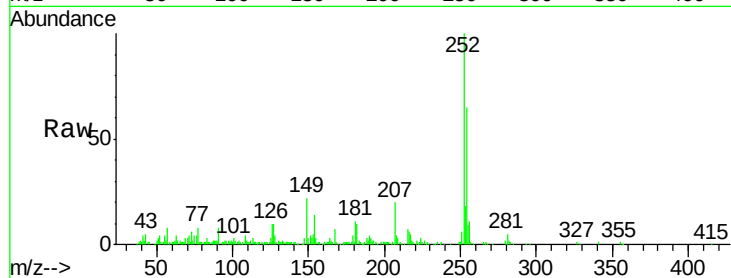




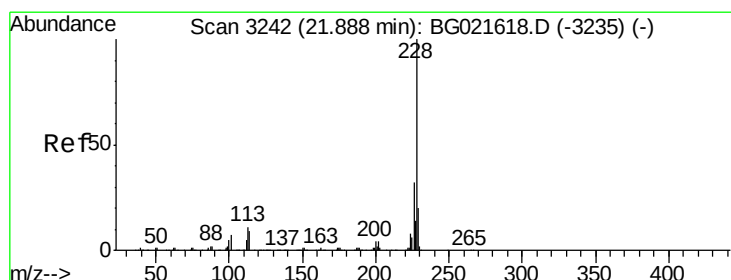
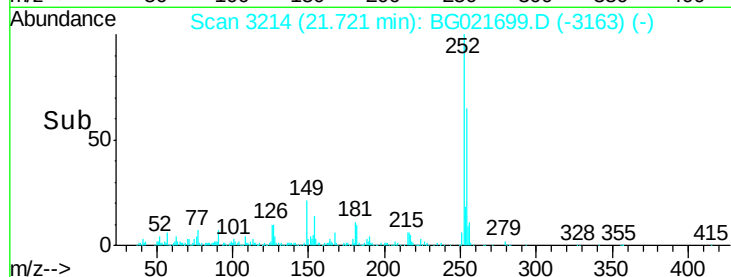
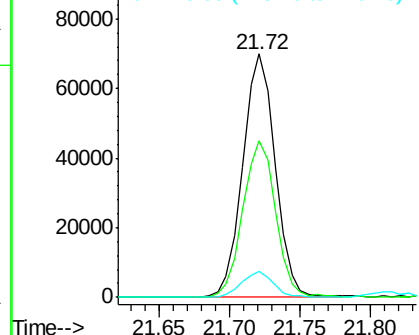
#81  
 3,3'-Dichlorobenzidine  
 Concen: 10.82 ng  
 RT: 21.72 min Scan# 3214  
 Delta R.T. -0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tgt Ion: 252 Resp: 112746  
 Ion Ratio Lower Upper  
 252 100  
 254 64.5 51.8 77.6  
 126 10.5 8.8 13.2

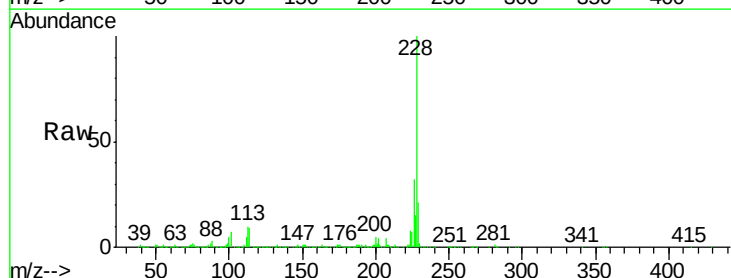


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

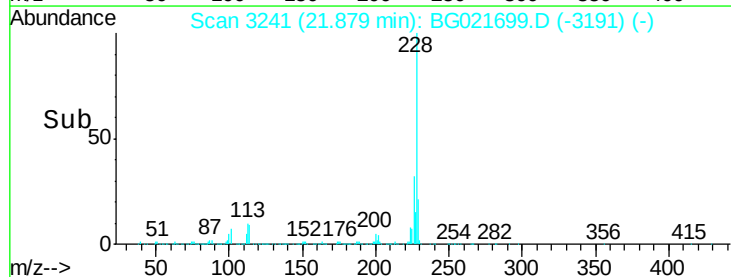
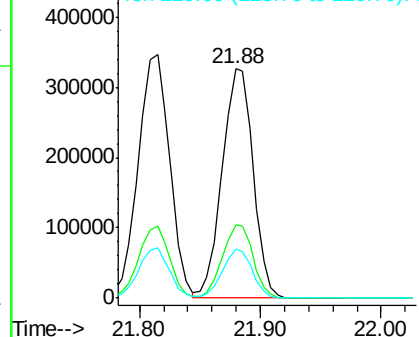


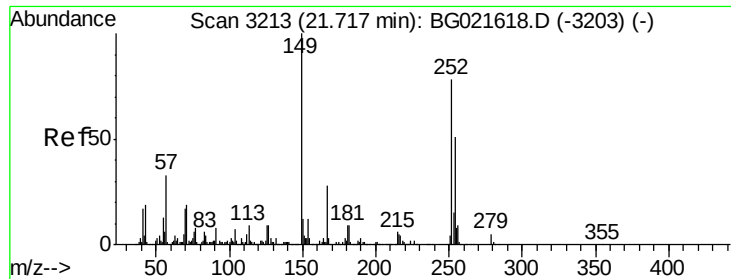
#82  
 Chrysene  
 Concen: 45.54 ng  
 RT: 21.88 min Scan# 3241  
 Delta R.T. -0.01 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

Tgt Ion: 228 Resp: 575811  
 Ion Ratio Lower Upper  
 228 100  
 226 32.0 25.4 38.0  
 229 21.5 15.9 23.9



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

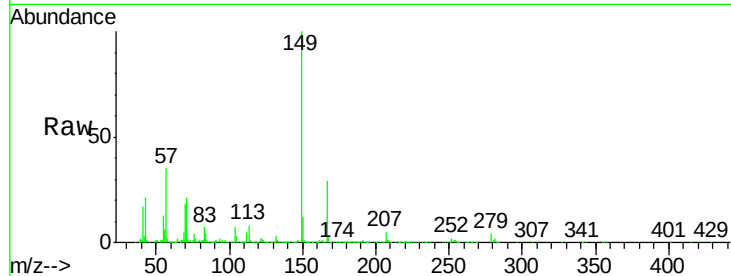




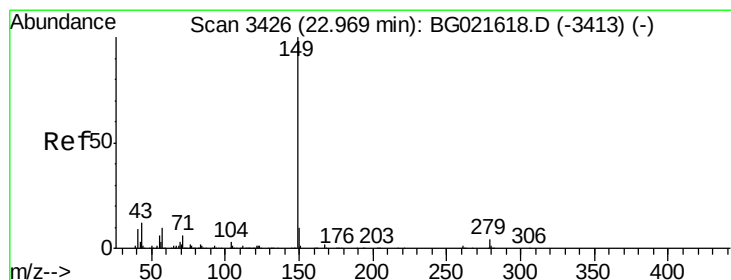
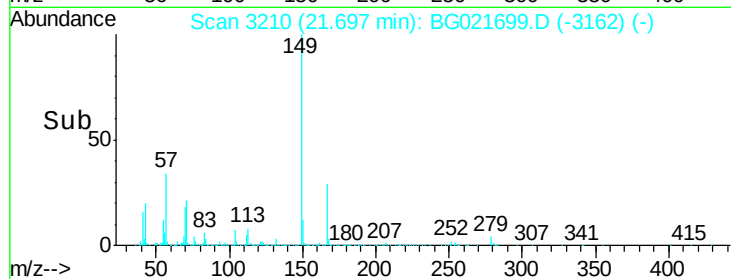
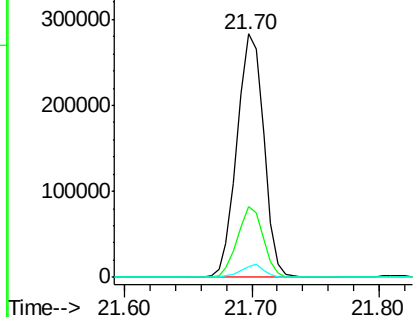
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.93 ng  
 RT: 21.70 min Scan# 3210  
 Delta R.T. -0.02 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tgt Ion:149 Resp: 411213  
 Ion Ratio Lower Upper  
 149 100  
 167 28.9 22.4 33.6  
 279 4.4 3.2 4.8

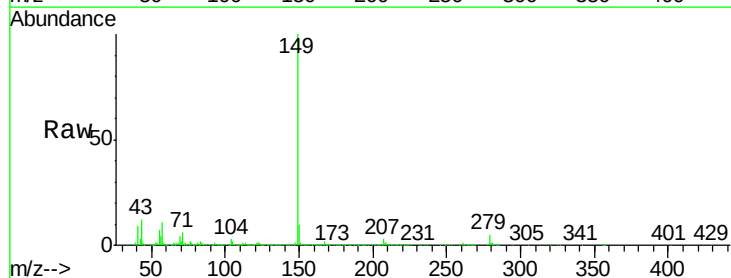


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

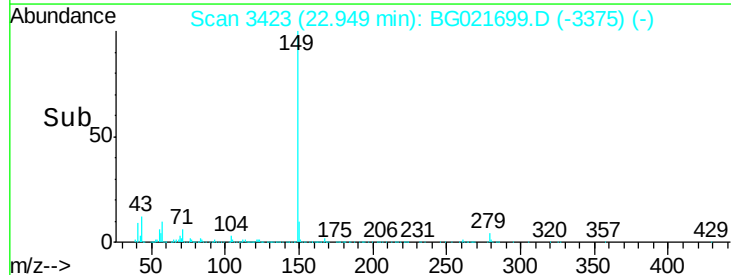
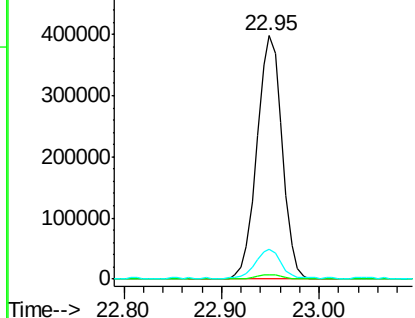


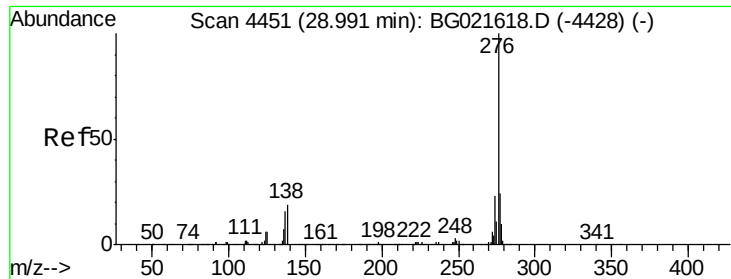
#84  
 Di-n-octyl phthalate  
 Concen: 47.62 ng  
 RT: 22.95 min Scan# 3423  
 Delta R.T. -0.02 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

Tgt Ion:149 Resp: 714182  
 Ion Ratio Lower Upper  
 149 100  
 167 1.8 1.3 1.9  
 43 11.7 9.8 14.6



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): BG0

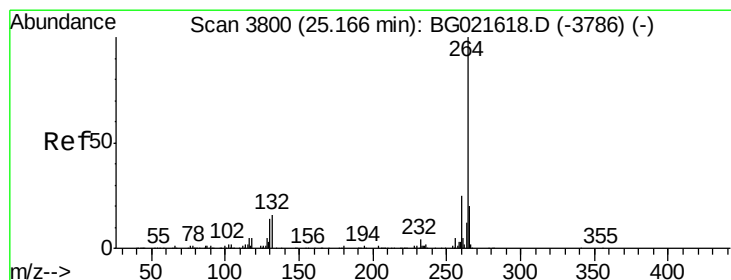
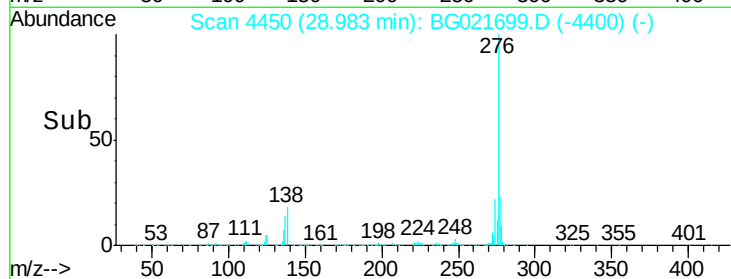
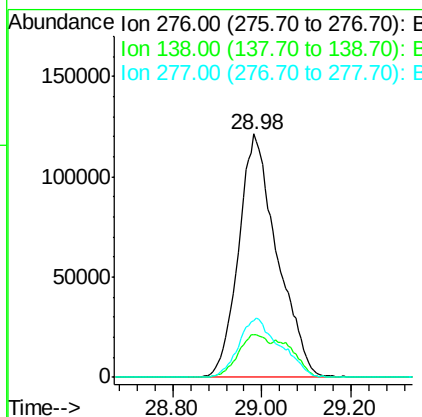
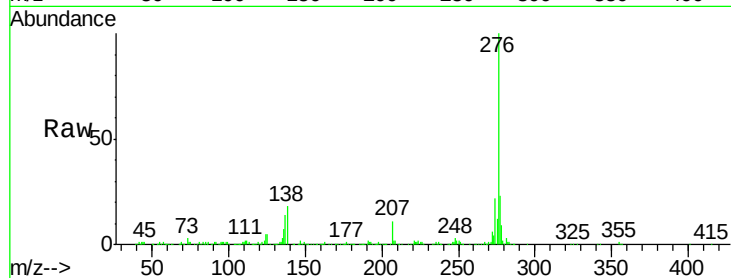




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 48.30 ng  
 RT: 28.98 min Scan# 4450  
 Delta R.T. -0.01 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

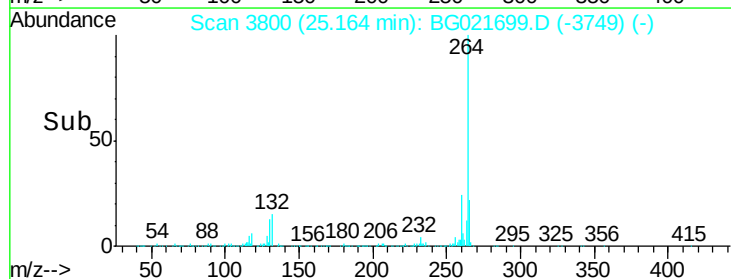
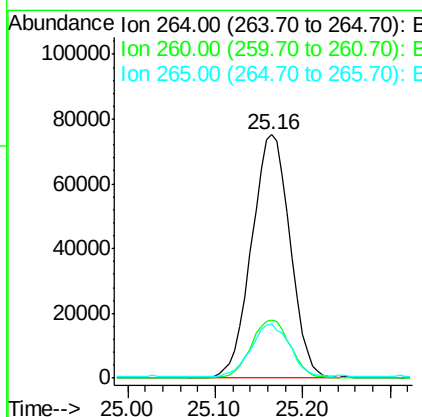
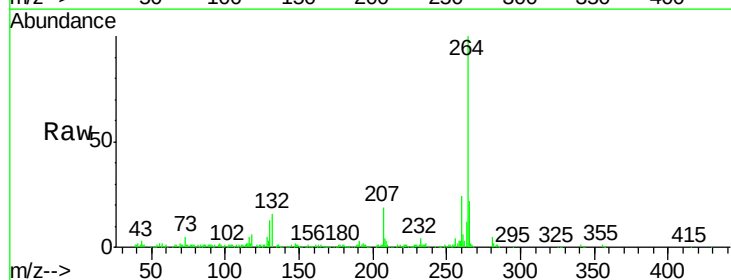
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

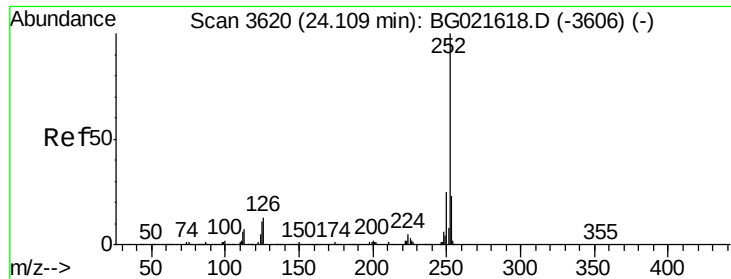
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 13.6  | 14.0  | 21.0# |
| 277     | 26.2  | 20.6  | 30.8  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.16 min Scan# 3800  
 Delta R.T. -0.00 min  
 Lab File: BG021699.D  
 Acq: 15 Apr 2016 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.7  | 20.2  | 30.4  |
| 265     | 22.5  | 17.8  | 26.8  |





#87

Benzo(b)fluoranthene

Concen: 48.66 ng

RT: 24.11 min Scan# 3620

Delta R.T. -0.00 min

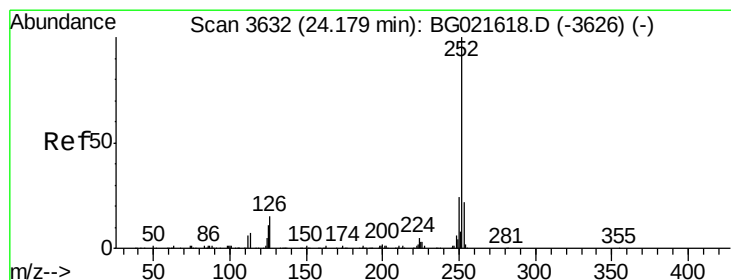
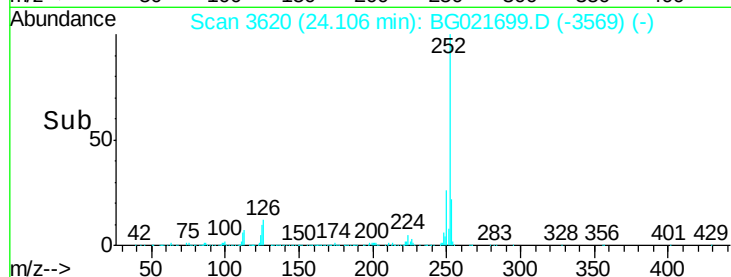
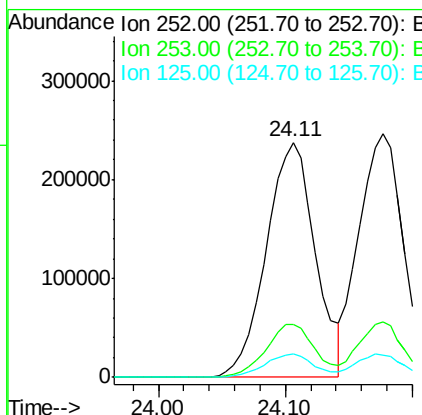
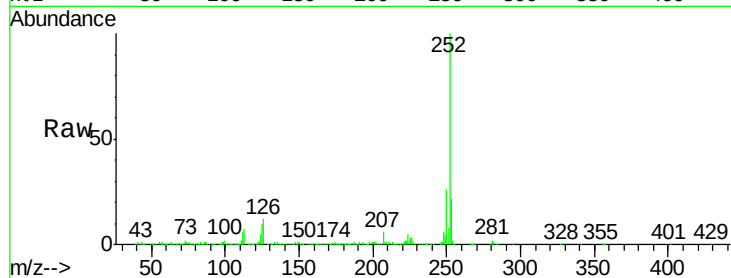
Lab File: BG021699.D

Acq: 15 Apr 2016 23:54

Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

Tgt Ion: 252 Resp: 639413

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.3  | 17.5  | 26.3  |
| 125 | 9.8   | 8.6   | 13.0  |



#88

Benzo(k)fluoranthene

Concen: 46.37 ng

RT: 24.18 min Scan# 3632

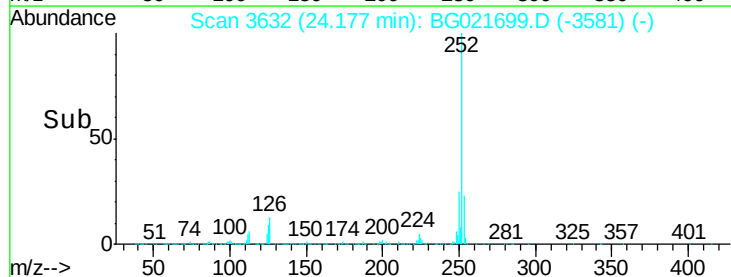
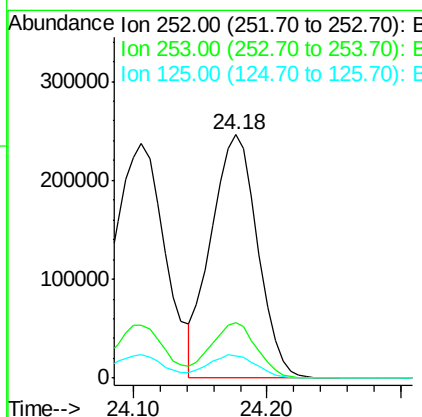
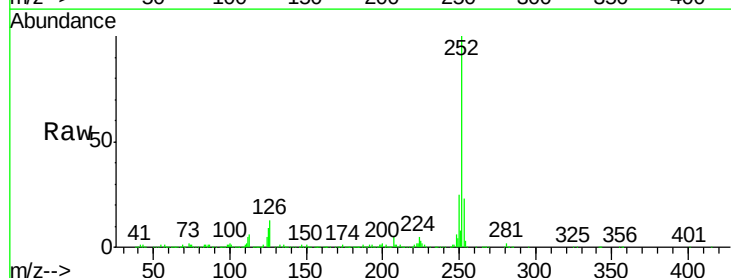
Delta R.T. -0.00 min

Lab File: BG021699.D

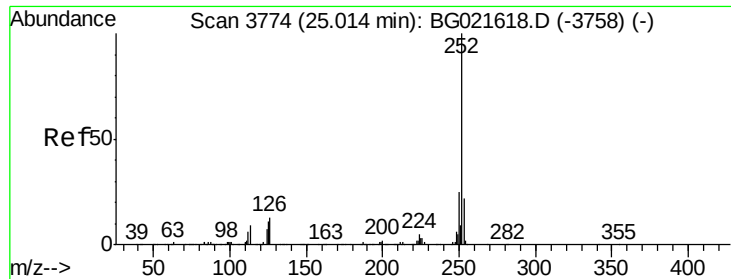
Acq: 15 Apr 2016 23:54

Tgt Ion: 252 Resp: 595791

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.0  | 17.8  | 26.8  |
| 125 | 9.3   | 8.3   | 12.5  |



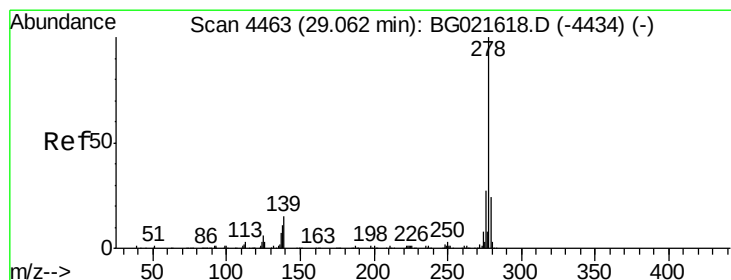
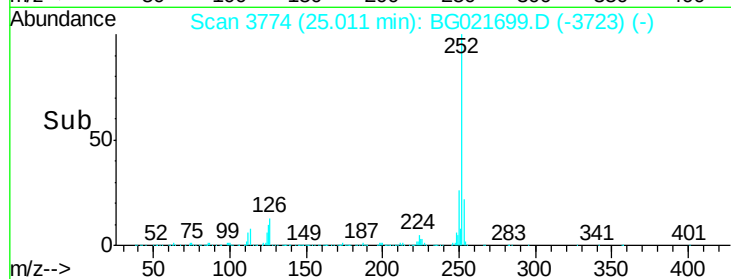
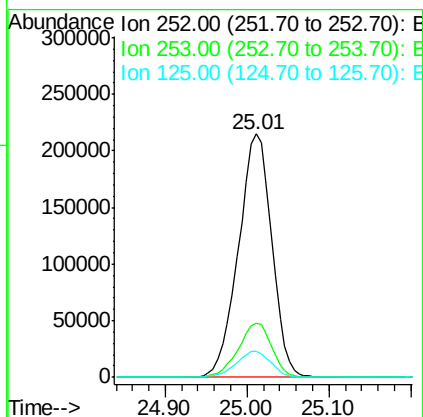
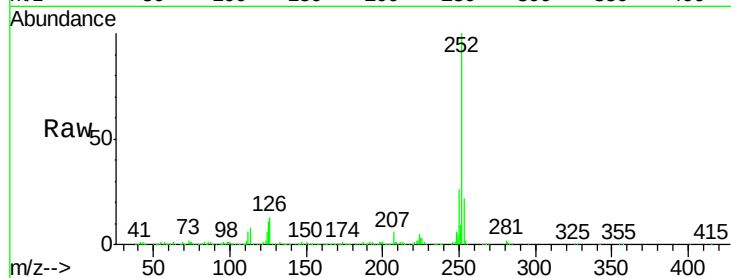




#89  
Benzo(a)pyrene  
Concen: 47.90 ng  
RT: 25.01 min Scan# 3774  
Delta R.T. -0.00 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

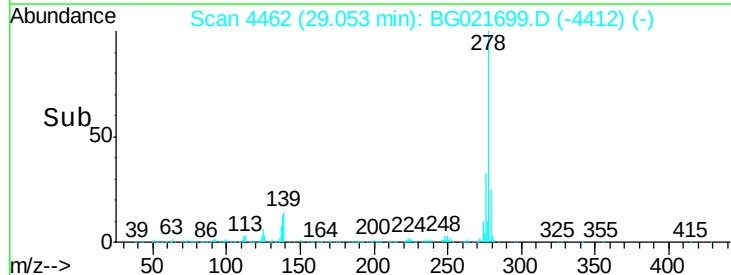
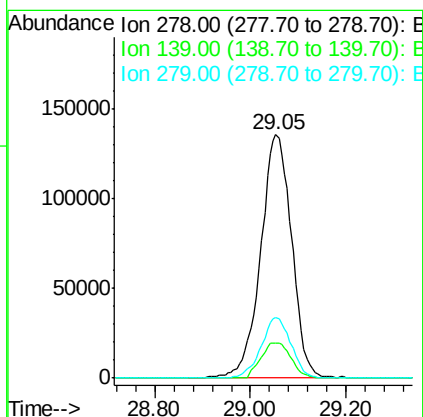
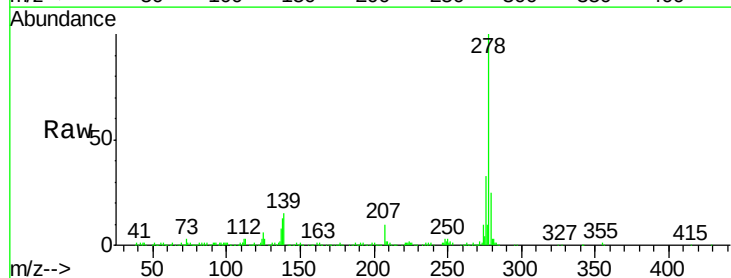
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

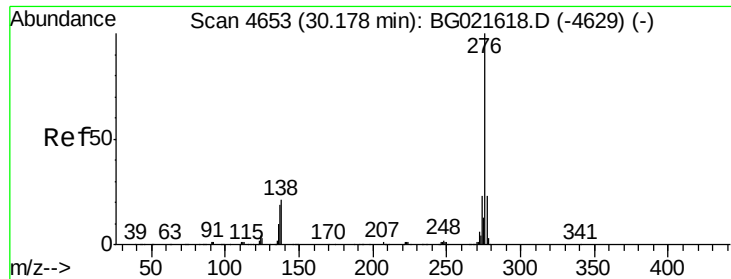
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 22.4  | 17.1  | 25.7  |
| 125     | 10.5  | 9.6   | 14.4  |



#90  
Dibenzo(a,h)anthracene  
Concen: 47.70 ng  
RT: 29.05 min Scan# 4462  
Delta R.T. -0.01 min  
Lab File: BG021699.D  
Acq: 15 Apr 2016 23:54

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.6  | 11.9  | 17.9  |
| 279     | 24.6  | 18.2  | 27.2  |





#91

Benzo(g,h,i)perylene

Concen: 47.52 ng

RT: 30.19 min Scan# 4656

Delta R.T. 0.02 min

Lab File: BG021699.D

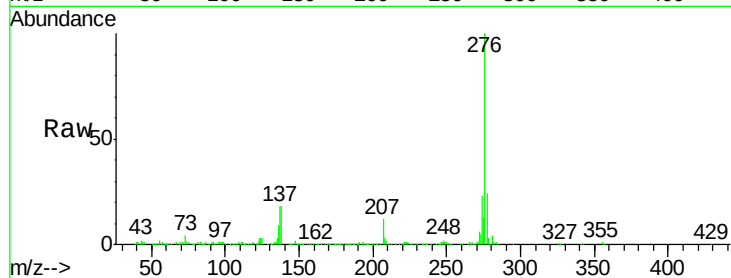
Acq: 15 Apr 2016 23:54

Instrument :

BNA\_G

ClientSampleId :

FB-BWR-BB-R09-CS-1(0-32FTBGS)



Tgt Ion: 276 Resp: 595208

Ion Ratio Lower Upper

276 100

277 24.2 19.4 29.2

138 18.2 17.4 26.0

