

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG041516\  
 Data File : BG021714.D  
 Acq On : 16 Apr 2016 12:43  
 Operator : UM/SJ  
 Sample : H2559-01MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Apr 18 01:15:01 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  | 25475    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.03 | 136  | 117806   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.82 | 164  | 76237    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.56 | 188  | 182526   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.83 | 240  | 194876   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.17 | 264  | 194772   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.77  | 112 | 248603 | 162.51 | ng | 0.01 |
| 7) Phenol-d6             | 7.37  | 99  | 358220 | 156.76 | ng | 0.02 |
| 23) Nitrobenzene-d5      | 9.39  | 82  | 223554 | 97.54  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.31 | 330 | 149474 | 181.92 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.45 | 172 | 469766 | 90.28  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.15 | 244 | 685152 | 87.73  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.63  | 88  | 24026  | 35.28 | ng | # 83   |
| 3) Pyridine                    | 4.04  | 79  | 77428  | 37.89 | ng | 92     |
| 4) n-Nitrosodimethylamine      | 3.95  | 42  | 43403  | 42.86 | ng | # 77   |
| 6) Aniline                     | 7.54  | 93  | 41486  | 13.73 | ng | 97     |
| 8) 2-Chlorophenol              | 7.79  | 128 | 93499  | 50.98 | ng | 95     |
| 9) Benzaldehyde                | 7.35  | 77  | 26019  | 19.69 | ng | 93     |
| 10) Phenol                     | 7.40  | 94  | 126474 | 51.46 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 7.63  | 93  | 87336  | 44.40 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 8.10  | 146 | 93031  | 45.42 | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 8.25  | 146 | 96633  | 46.34 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.57  | 146 | 93088  | 46.53 | ng | 98     |
| 15) Benzyl Alcohol             | 8.45  | 79  | 94417  | 54.07 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.74  | 45  | 171918 | 40.80 | ng | 99     |
| 17) 2-Methylphenol             | 8.65  | 107 | 86323  | 50.80 | ng | 94     |
| 18) Hexachloroethane           | 9.31  | 117 | 35557  | 46.85 | ng | # 81   |
| 19) n-Nitroso-di-n-propylamine | 9.02  | 70  | 78170  | 44.03 | ng | 95     |
| 20) 3+4-Methylphenols          | 8.98  | 107 | 118209 | 50.84 | ng | 97     |
| 22) Acetophenone               | 9.04  | 105 | 143564 | 43.75 | ng | # 99   |
| 24) Nitrobenzene               | 9.43  | 77  | 113384 | 46.20 | ng | 97     |
| 25) Isophorone                 | 9.95  | 82  | 214142 | 42.69 | ng | 98     |
| 26) 2-Nitrophenol              | 10.14 | 139 | 52398  | 55.93 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 10.19 | 122 | 92085  | 43.27 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 10.42 | 93  | 123985 | 46.51 | ng | 93     |
| 29) 2,4-Dichlorophenol         | 10.68 | 162 | 97854  | 53.93 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.89 | 180 | 95413  | 48.90 | ng | 92     |
| 31) Naphthalene                | 11.09 | 128 | 297378 | 47.17 | ng | # 95   |
| 32) Benzoic acid               | 10.26 | 122 | 4970   | 8.89  | ng | 98     |
| 33) 4-Chloroaniline            | 11.19 | 127 | 29525  | 10.82 | ng | 95     |
| 34) Hexachlorobutadiene        | 11.36 | 225 | 59486  | 47.27 | ng | 98     |
| 35) Caprolactam                | 11.96 | 113 | 26215  | 31.57 | ng | 97     |
| 36) 4-Chloro-3-methylphenol    | 12.30 | 107 | 114962 | 50.38 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.67 | 142 | 218246 | 50.43 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.03 | 216 | 111479 | 46.79 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 13.01 | 237 | 92045  | 69.55 | ng | 99     |

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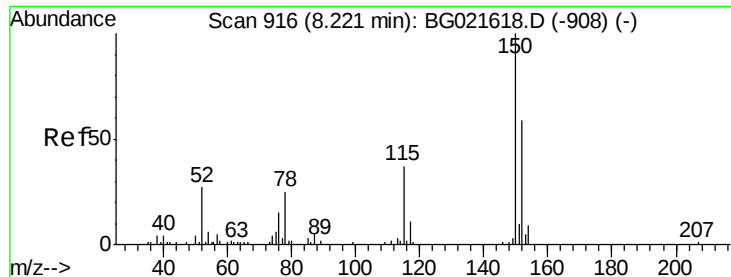
Instrument :  
 BNA\_G  
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 FB-BWR-BB-R09-CS-1(0-32FTBGS)

Quant Time: Apr 18 01:15:01 2016  
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| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.27 | 196  | 80107    | 52.73  | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 13.34 | 196  | 87404    | 53.31  | ng    | 96       |
| 45) 1,1'-Biphenyl              | 13.67 | 154  | 282435   | 43.97  | ng    | 97       |
| 46) 2-Chloronaphthalene        | 13.71 | 162  | 222063   | 46.76  | ng    | 99       |
| 47) 2-Nitroaniline             | 13.91 | 65   | 83810    | 51.47  | ng    | 98       |
| 48) Acenaphthylene             | 14.55 | 152  | 366166   | 46.64  | ng    | 97       |
| 49) Dimethylphthalate          | 14.27 | 163  | 346243   | 52.53  | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.39 | 165  | 65832    | 52.38  | ng    | 98       |
| 51) Acenaphthene               | 14.89 | 154  | 233408   | 46.50  | ng    | 98       |
| 52) 3-Nitroaniline             | 14.72 | 138  | 38325    | 27.50  | ng    | 100      |
| 53) 2,4-Dinitrophenol          | 14.92 | 184  | 20348    | 45.62  | ng    | 95       |
| 54) Dibenzofuran               | 15.22 | 168  | 355463   | 51.87  | ng    | 99       |
| 55) 4-Nitrophenol              | 15.04 | 139  | 121639   | 101.91 | ng    | 97       |
| 56) 2,4-Dinitrotoluene         | 15.18 | 165  | 96244    | 56.66  | ng    | 98       |
| 57) Fluorene                   | 15.86 | 166  | 294465   | 48.11  | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.44 | 232  | 82460    | 60.62  | ng    | 99       |
| 59) Diethylphthalate           | 15.62 | 149  | 306371   | 44.53  | ng    | 97       |
| 60) 4-Chlorophenyl-phenylether | 15.85 | 204  | 142236   | 47.18  | ng    | 98       |
| 61) 4-Nitroaniline             | 15.89 | 138  | 67176    | 43.80  | ng    | 99       |
| 62) Azobenzene                 | 16.15 | 77   | 295040   | 50.04  | ng    | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 15.94 | 198  | 32159    | 42.95  | ng    | 95       |
| 65) n-Nitrosodiphenylamine     | 16.07 | 169  | 266550   | 48.69  | ng    | 97       |
| 66) 4-Bromophenyl-phenylether  | 16.75 | 248  | 95463    | 48.82  | ng    | 97       |
| 67) Hexachlorobenzene          | 16.86 | 284  | 101997   | 49.41  | ng    | 95       |
| 68) Atrazine                   | 17.00 | 200  | 103058   | 47.67  | ng    | 99       |
| 69) Pentachlorophenol          | 17.21 | 266  | 112915   | 95.81  | ng    | 96       |
| 70) Phenanthrene               | 17.60 | 178  | 466007   | 46.32  | ng    | 99       |
| 71) Anthracene                 | 17.70 | 178  | 474258   | 46.44  | ng    | 98       |
| 72) Carbazole                  | 17.96 | 167  | 440357   | 46.20  | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.50 | 149  | 523384   | 43.17  | ng    | 98       |
| 74) Fluoranthene               | 19.59 | 202  | 519018   | 43.21  | ng    | 99       |
| 76) Benzidine                  | 19.77 | 184  | 203515   | 33.54  | ng    | 98       |
| 77) Pyrene                     | 19.96 | 202  | 528770   | 47.06  | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.82 | 149  | 238098   | 45.65  | ng    | 99       |
| 80) Benzo(a)anthracene         | 21.82 | 228  | 527236   | 47.01  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.72 | 252  | 51858    | 5.84   | ng    | 100      |
| 82) Chrysene                   | 21.89 | 228  | 481959   | 44.73  | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.70 | 149  | 351682   | 46.10  | ng    | 100      |
| 84) Di-n-octyl phthalate       | 22.95 | 149  | 608085   | 47.58  | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 29.00 | 276  | 603795   | 47.14  | ng    | # 95     |
| 87) Benzo(b)fluoranthene       | 24.11 | 252  | 526056   | 46.55  | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 24.18 | 252  | 501996   | 45.43  | ng    | 99       |
| 89) Benzo(a)pyrene             | 25.02 | 252  | 507042   | 46.31  | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 29.07 | 278  | 510507   | 46.50  | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 30.20 | 276  | 482844   | 44.82  | ng    | 95       |

(#) = 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: BG021714.D

Acq: 16 Apr 2016 12:43

Instrument :

BNA\_G

ClientSampleId :

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

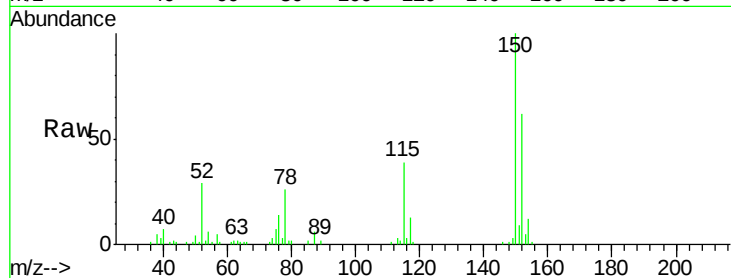
Tgt Ion:152 Resp: 25475

Ion Ratio Lower Upper

152 100

150 161.1 130.1 195.1

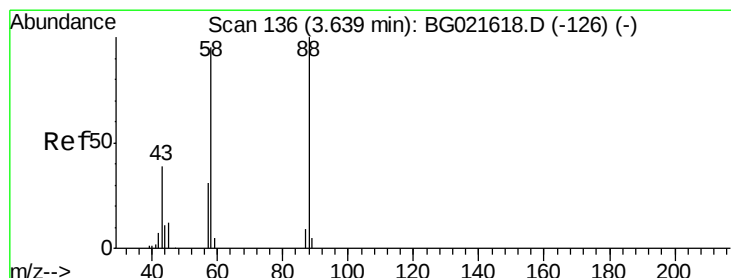
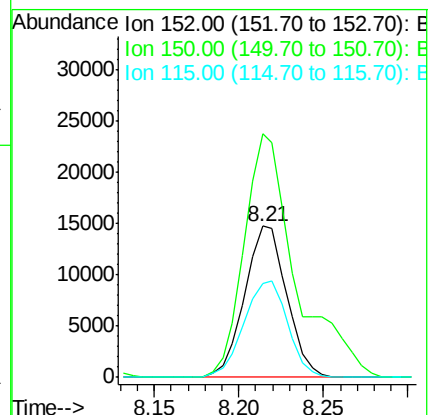
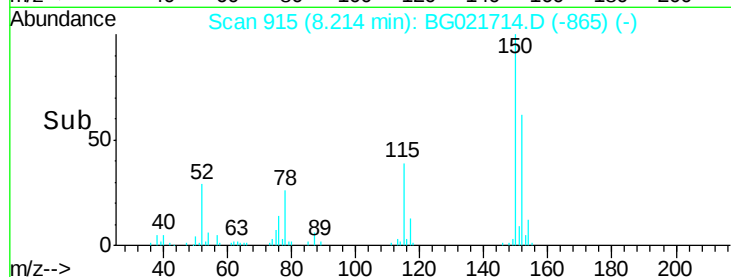
115 62.4 62.2 93.2



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: 35.28 ng

RT: 3.63 min Scan# 135

Delta R.T. -0.01 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

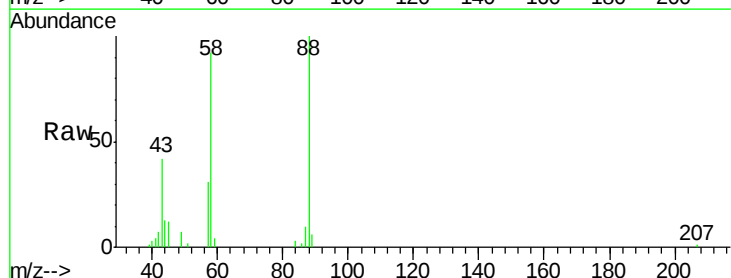
Tgt Ion: 88 Resp: 24026

Ion Ratio Lower Upper

88 100

58 92.8 61.8 92.8#

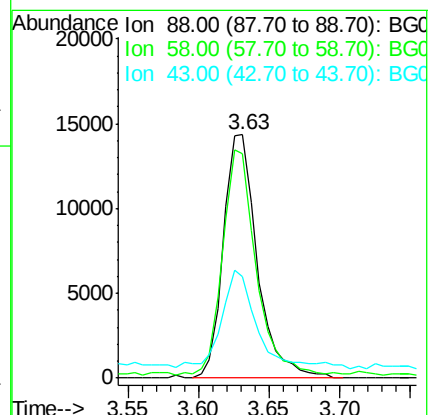
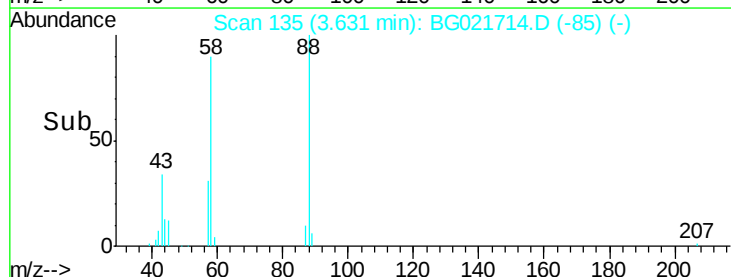
43 42.3 27.3 40.9#

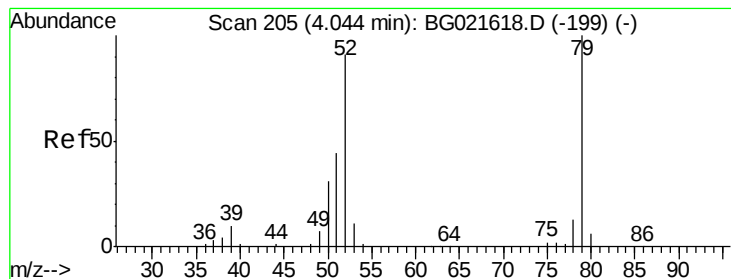


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 37.89 ng

RT: 4.04 min Scan# 204

Delta R.T. -0.01 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

Instrument :

BNA\_G

ClientSampleId :

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

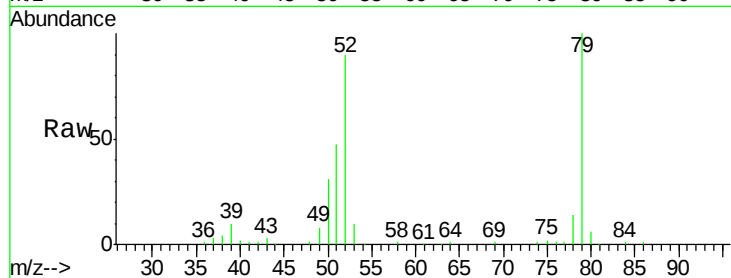
Tgt Ion: 79 Resp: 77428

Ion Ratio Lower Upper

79 100

52 89.8 77.2 115.8

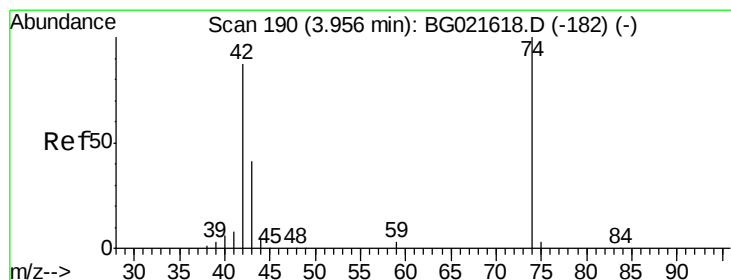
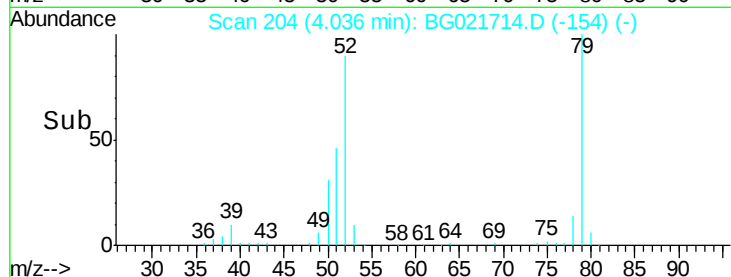
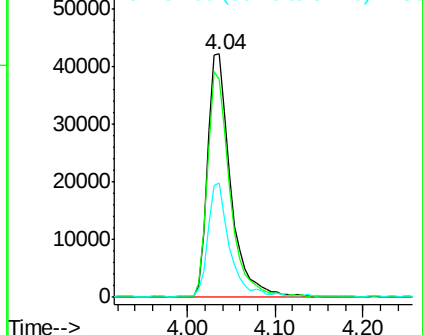
51 46.7 42.5 63.7



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 42.86 ng

RT: 3.95 min Scan# 189

Delta R.T. -0.01 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

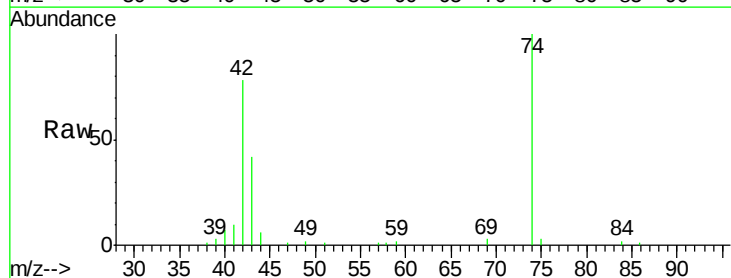
Tgt Ion: 42 Resp: 43403

Ion Ratio Lower Upper

42 100

74 127.7 83.0 124.4#

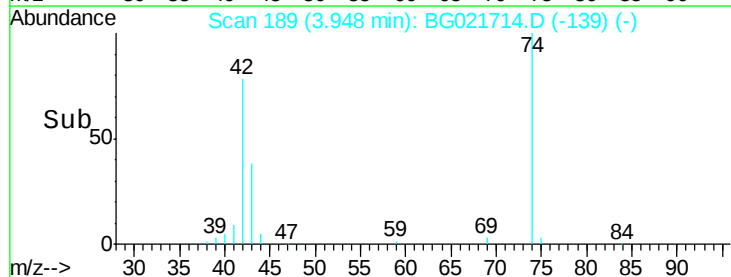
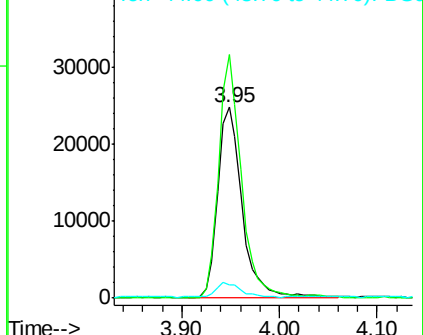
44 7.2 11.0 16.6#

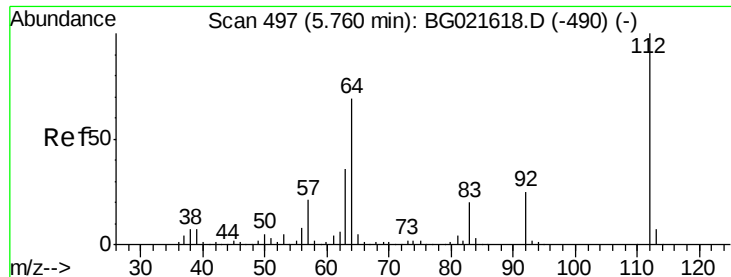


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 162.51 ng

RT: 5.77 min Scan# 499

Delta R.T. 0.01 min

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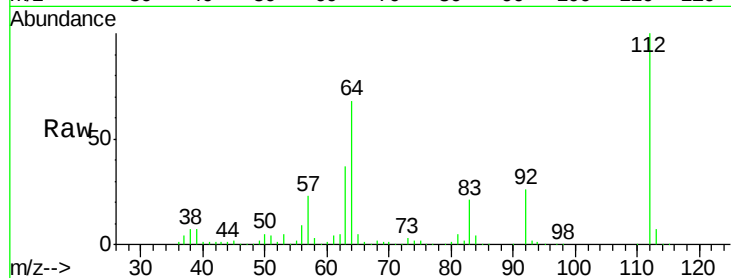
Tgt Ion: 112 Resp: 248603

Ion Ratio Lower Upper

112 100

64 67.9 51.1 76.7

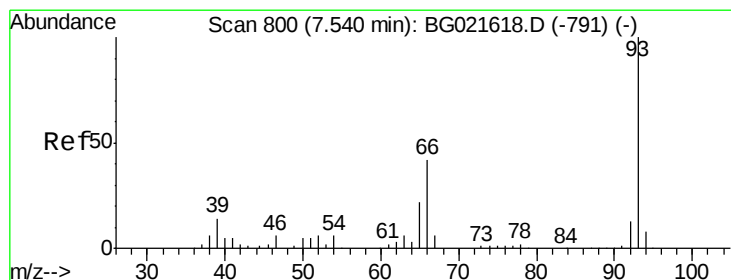
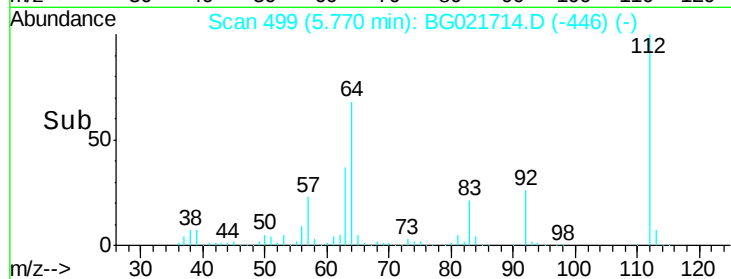
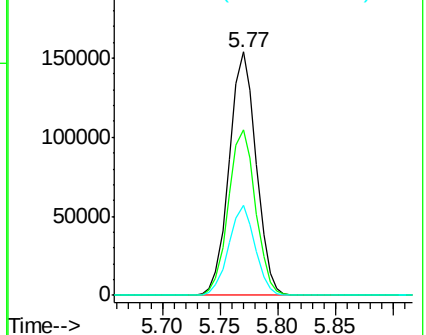
63 36.9 24.6 37.0



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: 13.73 ng

RT: 7.54 min Scan# 800

Delta R.T. -0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

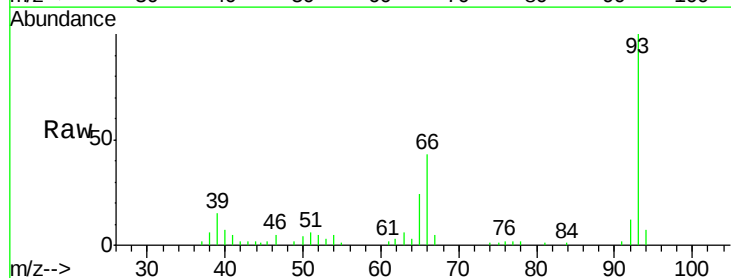
Tgt Ion: 93 Resp: 41486

Ion Ratio Lower Upper

93 100

66 42.6 36.3 54.5

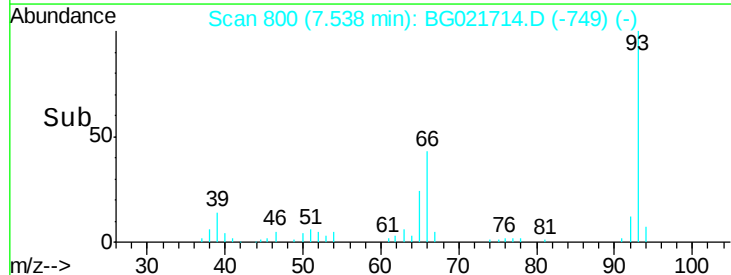
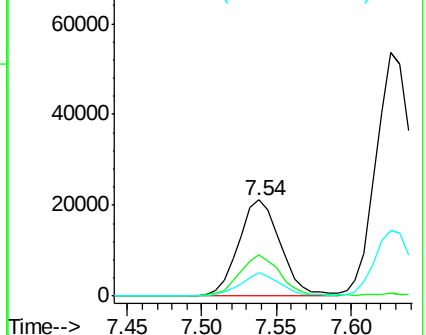
65 23.9 18.4 27.6

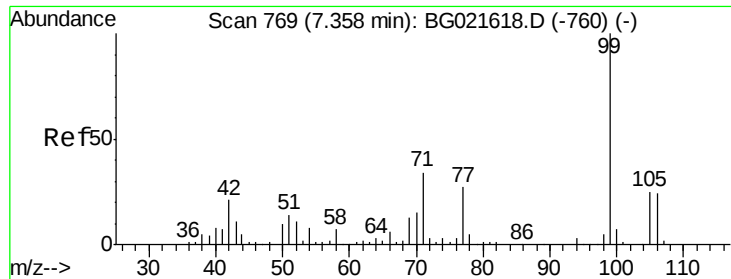


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 156.76 ng

RT: 7.37 min Scan# 772

Delta R.T. 0.02 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

Instrument :

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

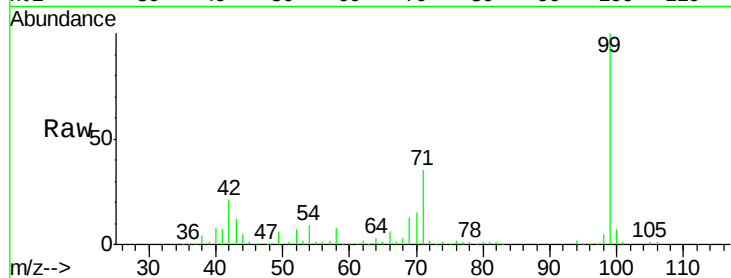
Tgt Ion: 99 Resp: 358220

Ion Ratio Lower Upper

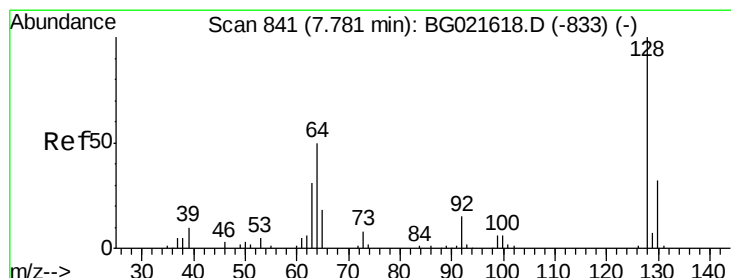
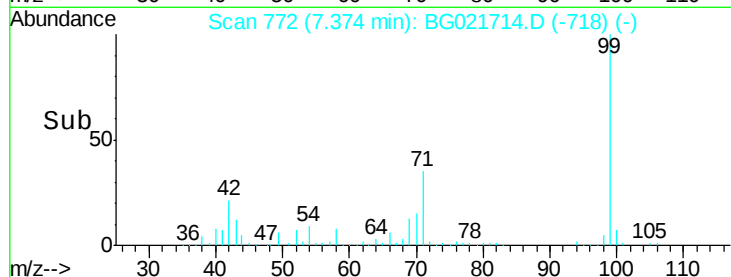
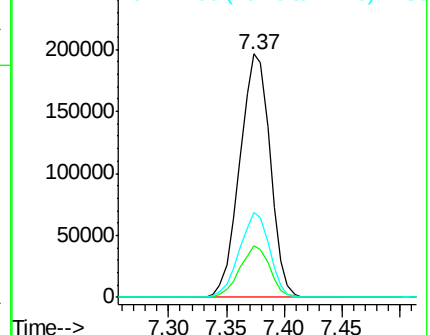
99 100

42 21.4 16.4 24.6

71 34.8 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: 50.98 ng

RT: 7.79 min Scan# 842

Delta R.T. 0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

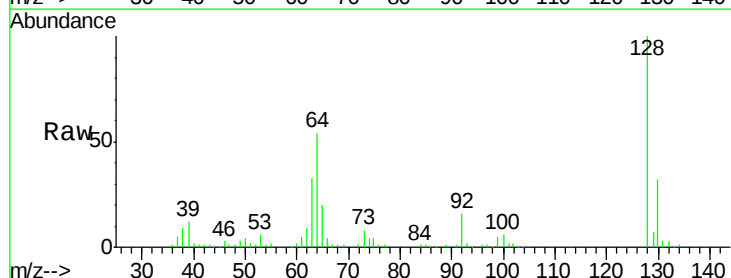
Tgt Ion: 128 Resp: 93499

Ion Ratio Lower Upper

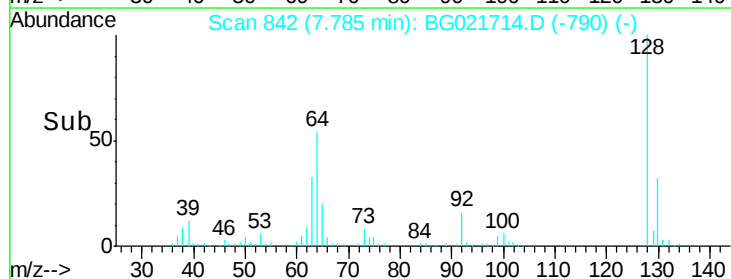
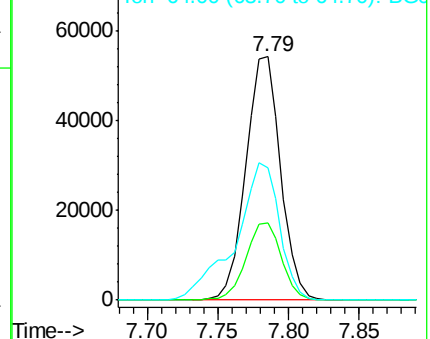
128 100

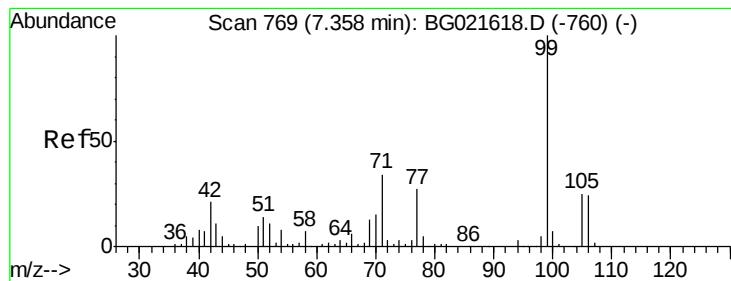
130 32.0 11.2 51.2

64 54.1 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: 19.69 ng

RT: 7.35 min Scan# 768

Delta R.T. -0.01 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

Instrument :

BNA\_G

ClientSampleId :

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

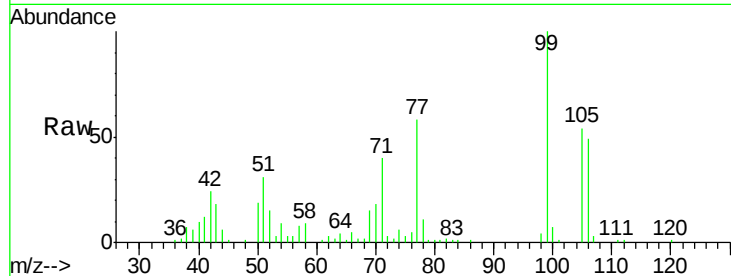
Tgt Ion: 77 Resp: 26019

Ion Ratio Lower Upper

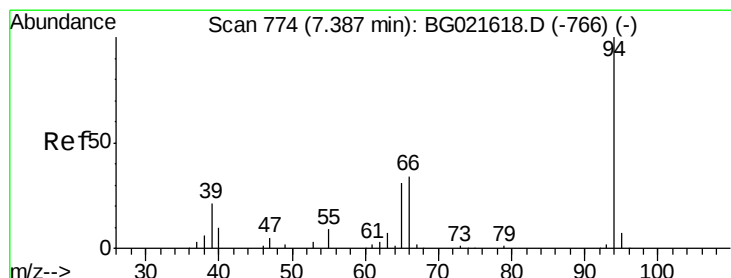
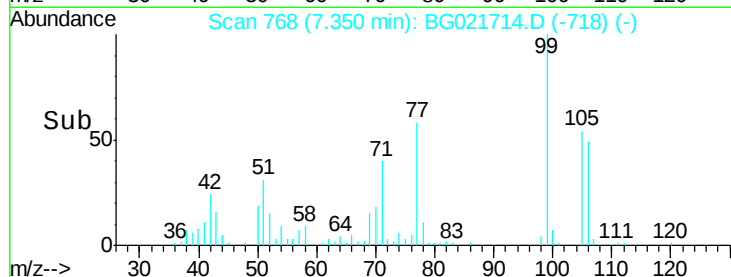
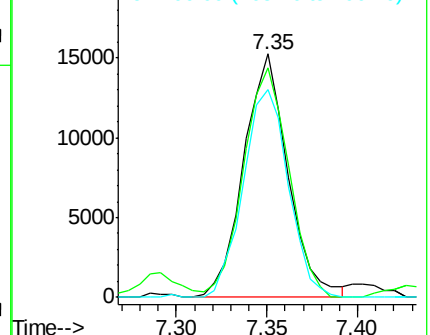
77 100

105 94.1 62.1 102.1

106 85.4 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: 51.46 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.02 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

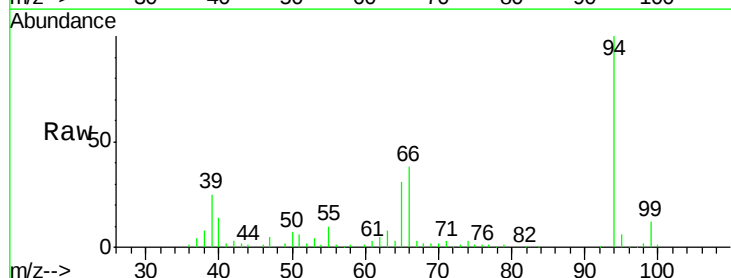
Tgt Ion: 94 Resp: 126474

Ion Ratio Lower Upper

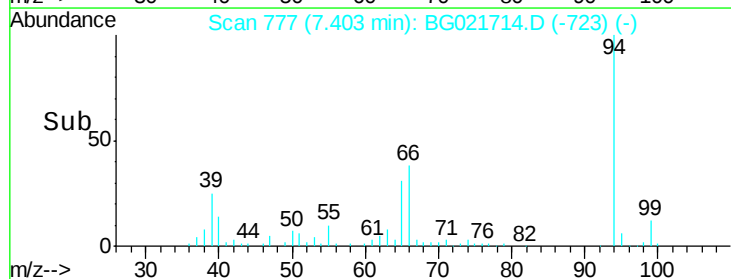
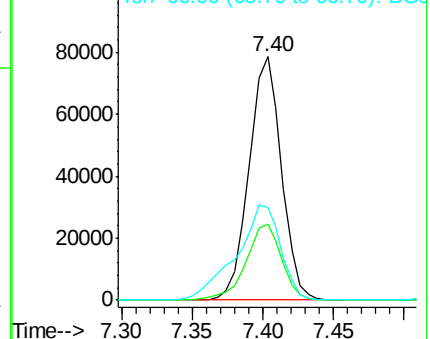
94 100

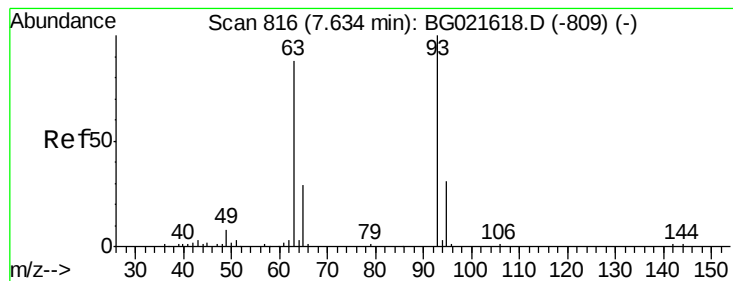
65 31.1 9.8 49.8

66 37.8 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: 44.40 ng

RT: 7.63 min Scan# 815

Delta R.T. -0.01 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

Instrument :

BNA\_G

ClientSampleId :

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

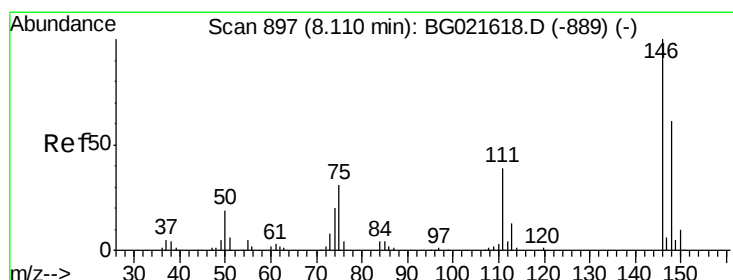
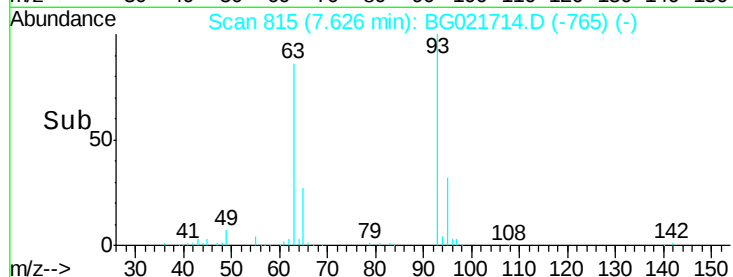
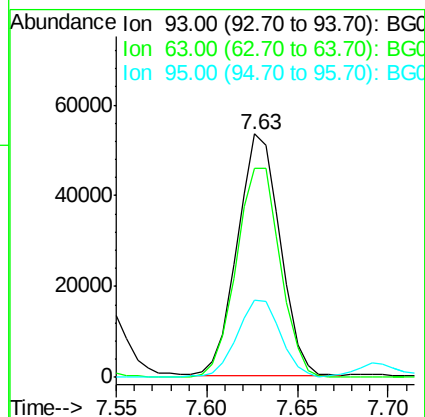
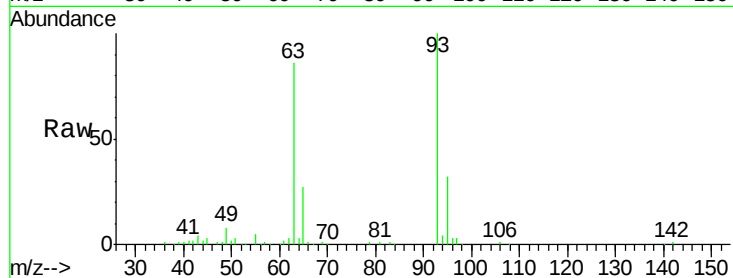
Tgt Ion: 93 Resp: 87336

Ion Ratio Lower Upper

93 100

63 86.0 74.9 114.9

95 31.8 8.3 48.3



#12

1,3-Dichlorobenzene

Concen: 45.42 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.01 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

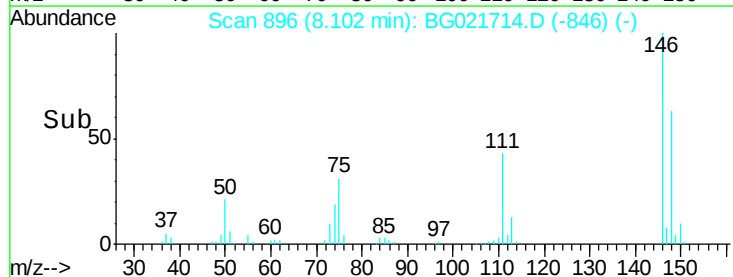
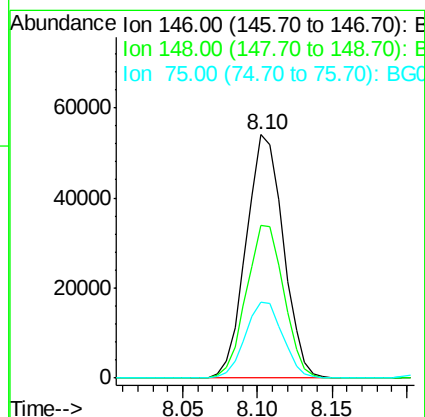
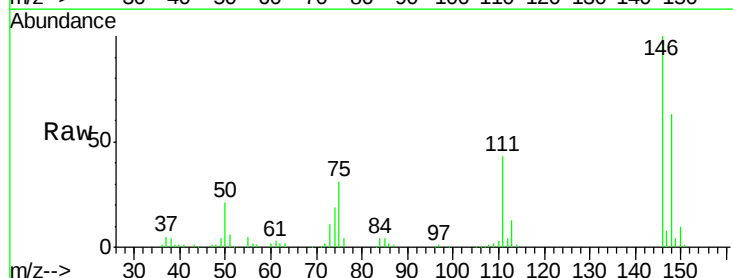
Tgt Ion: 146 Resp: 93031

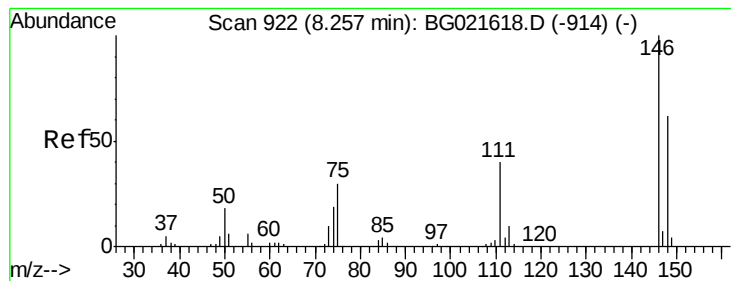
Ion Ratio Lower Upper

146 100

148 62.8 53.7 80.5

75 31.0 27.4 41.0





#13

1,4-Dichlorobenzene

Concen: 46.34 ng

RT: 8.25 min Scan# 921

Delta R.T. -0.01 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

Instrument :

BNA\_G

ClientSampleId :

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

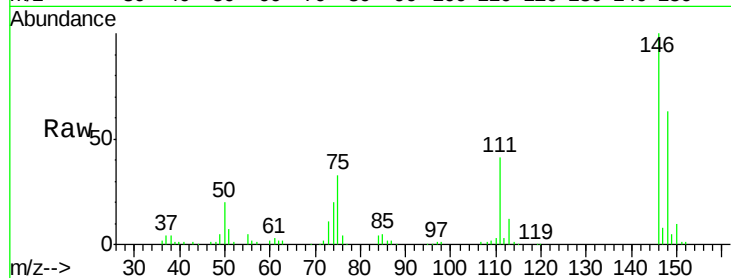
Tgt Ion:146 Resp: 96633

Ion Ratio Lower Upper

146 100

148 62.8 46.7 70.1

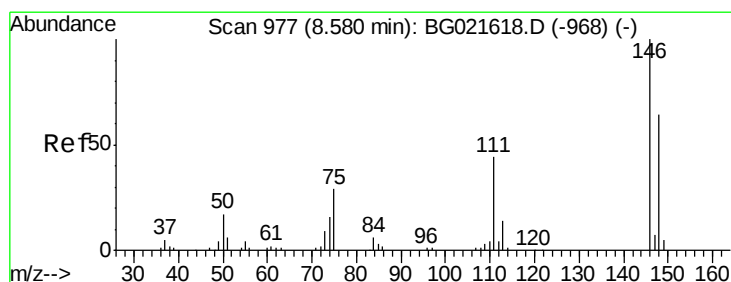
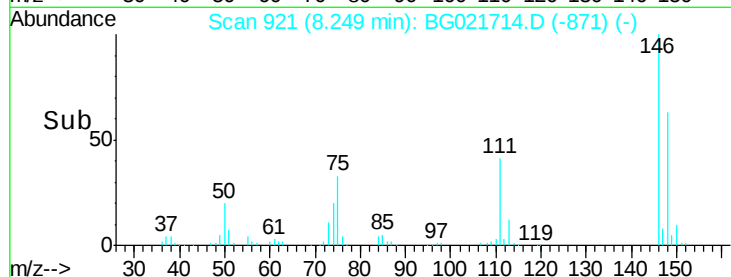
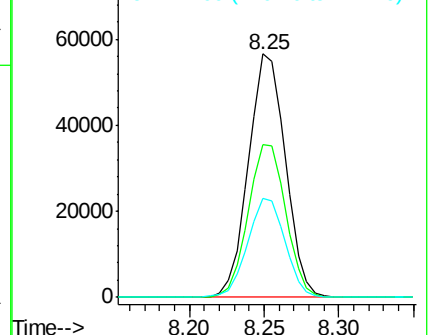
111 40.6 33.0 49.6



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 46.53 ng

RT: 8.57 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

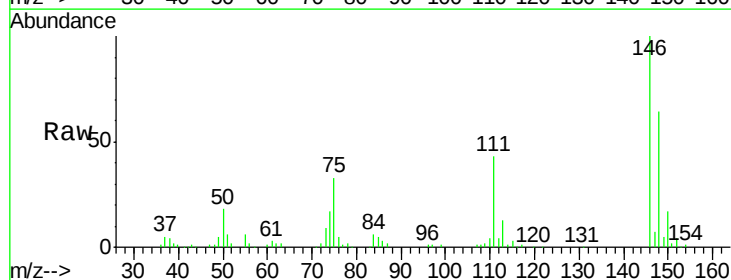
Tgt Ion:146 Resp: 93088

Ion Ratio Lower Upper

146 100

148 64.4 52.6 79.0

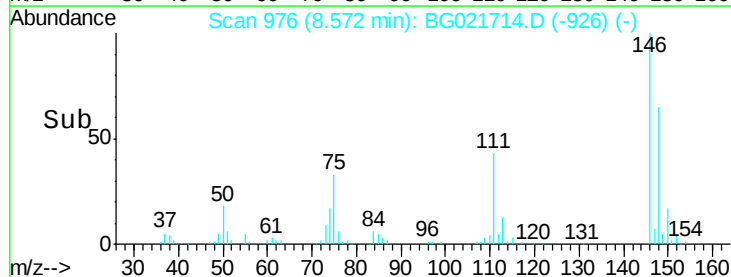
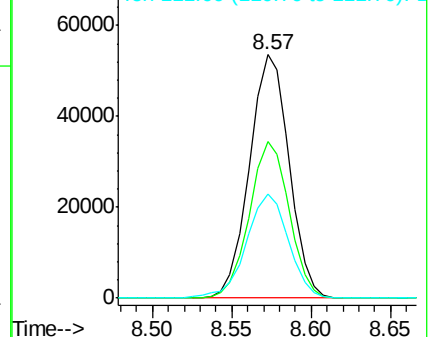
111 42.9 36.1 54.1

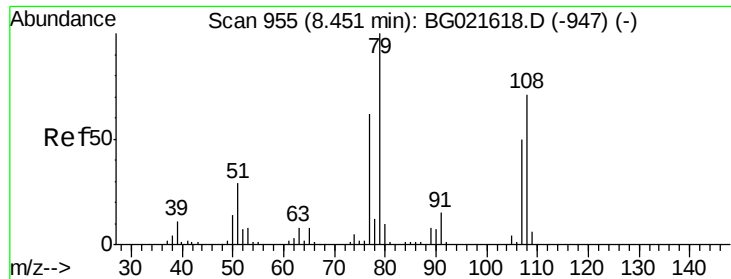


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 54.07 ng

RT: 8.45 min Scan# 956

Delta R.T. 0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

Instrument :

BNA\_G

ClientSampleId :

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

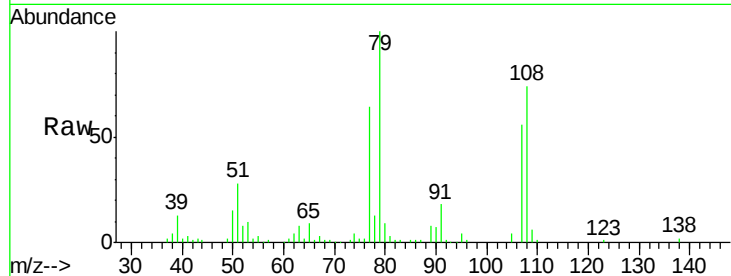
Tgt Ion: 79 Resp: 94417

Ion Ratio Lower Upper

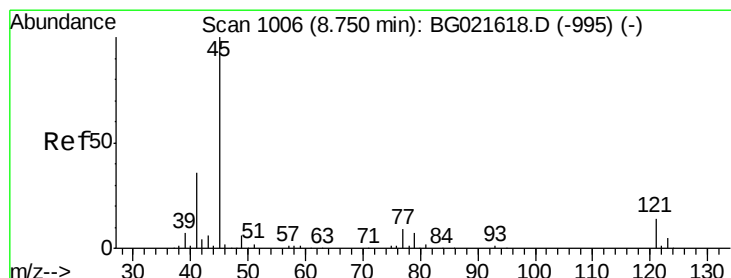
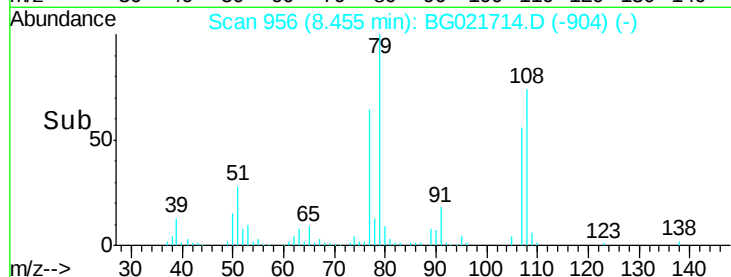
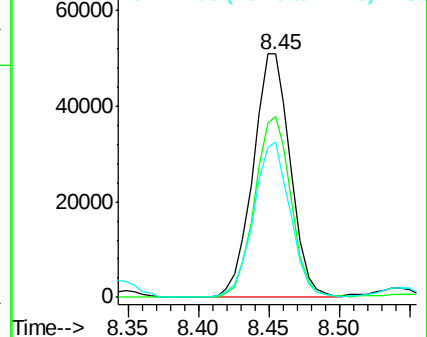
79 100

108 74.0 59.4 89.0

77 63.8 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: 40.80 ng

RT: 8.74 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

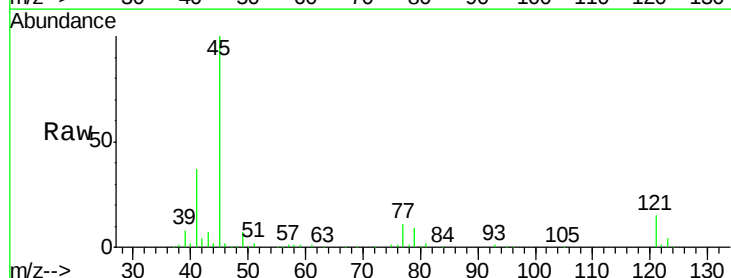
Tgt Ion: 45 Resp: 171918

Ion Ratio Lower Upper

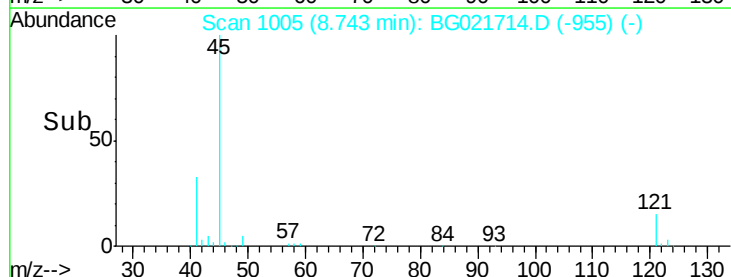
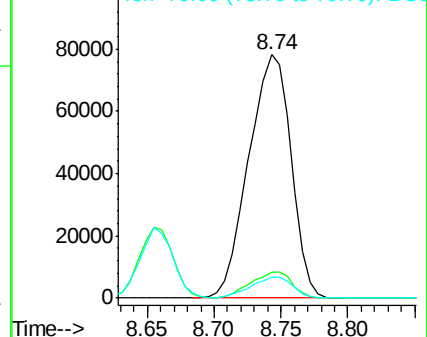
45 100

77 10.8 0.0 31.2

79 8.7 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

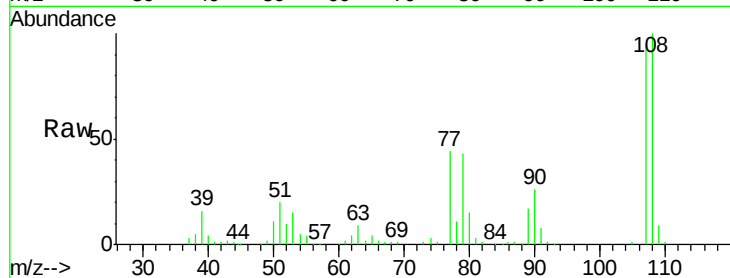




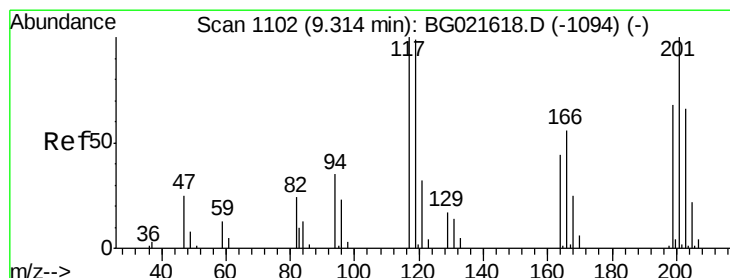
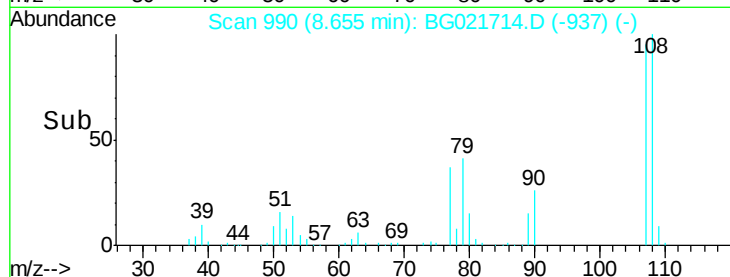
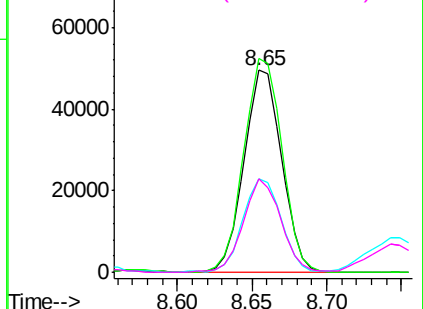
#17  
2-Methylphenol  
Concen: 50.80 ng  
RT: 8.65 min Scan# 990  
Delta R.T. 0.01 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

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

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 86323 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 105.6 | 80.2  | 120.4 |
| 77       | 46.2  | 40.7  | 61.1  |
| 79       | 45.9  | 39.8  | 59.8  |

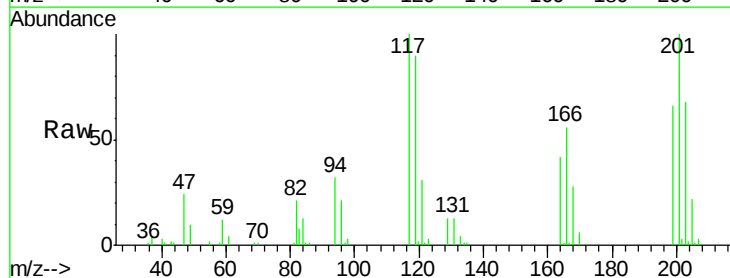


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

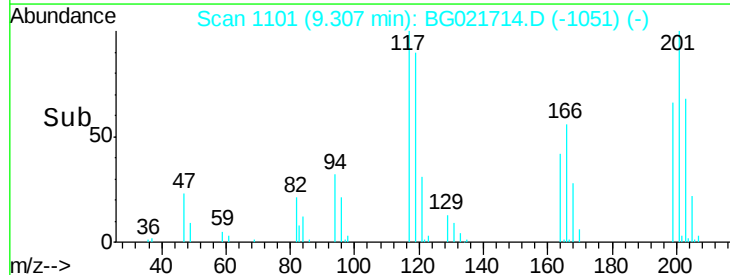
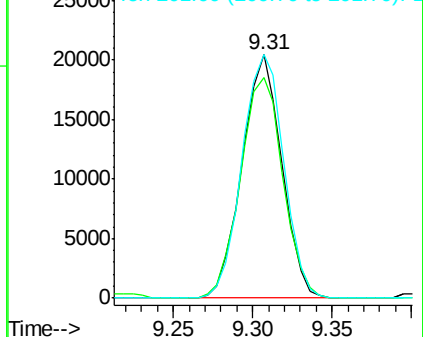


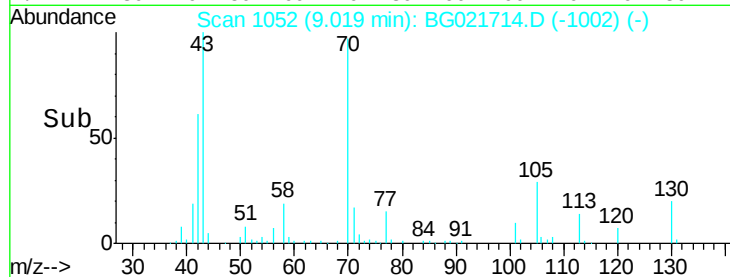
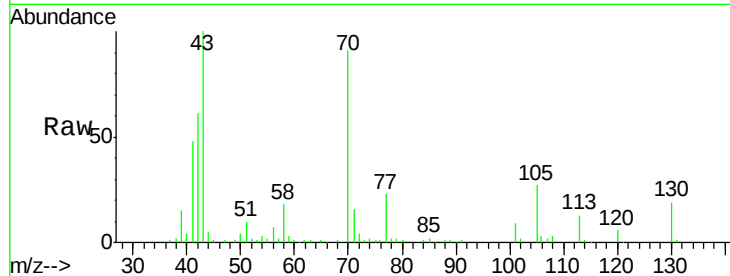
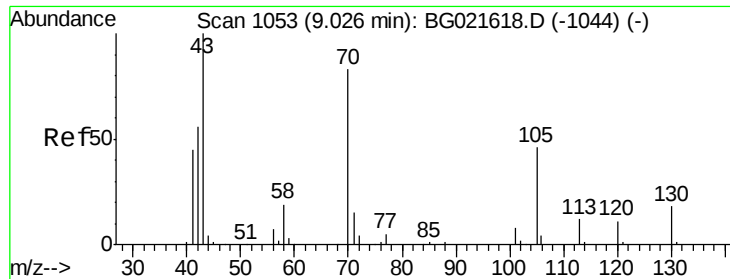
#18  
Hexachloroethane  
Concen: 46.85 ng  
RT: 9.31 min Scan# 1101  
Delta R.T. -0.01 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 35557 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 90.3  | 63.9  | 95.9  |
| 201      | 99.9  | 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

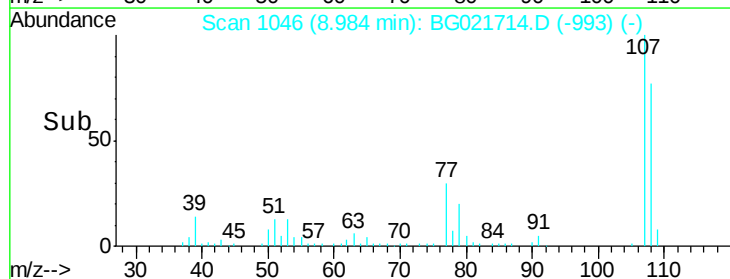
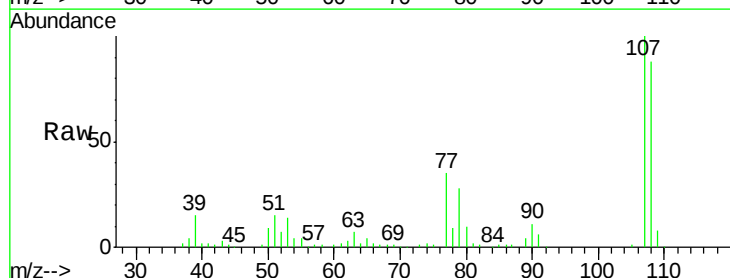
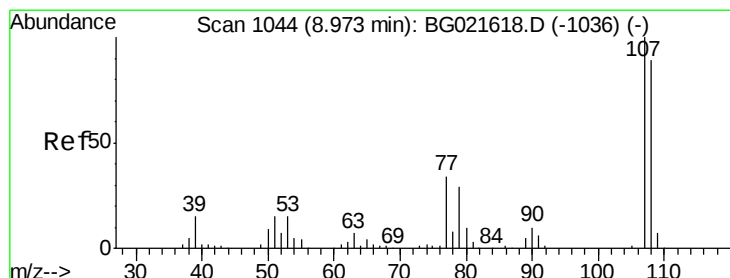
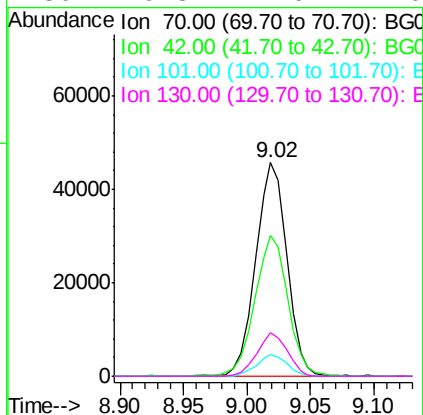




#19  
n-Nitroso-di-n-propylamine  
Concen: 44.03 ng  
RT: 9.02 min Scan# 1052  
Delta R.T. -0.01 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

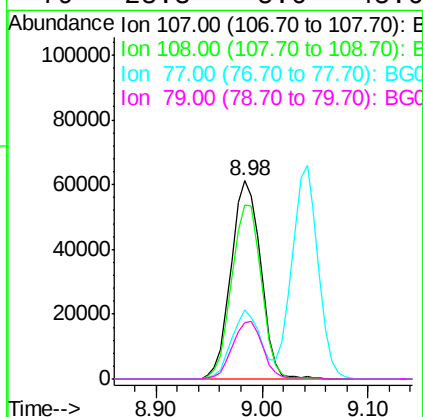
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

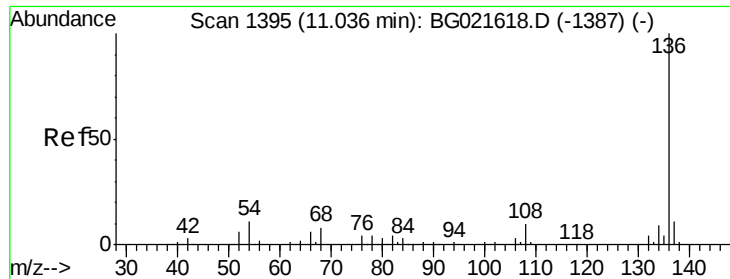
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 78170 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 66.1  | 56.7  | 85.1  |
| 101      | 9.9   | 8.2   | 12.4  |
| 130      | 20.3  | 14.0  | 21.0  |



#20  
3+4-Methylphenols  
Concen: 50.84 ng  
RT: 8.98 min Scan# 1046  
Delta R.T. 0.01 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 118209 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 88.0  | 66.2  | 106.2  |
| 77       | 34.7  | 11.5  | 51.5   |
| 79       | 28.3  | 5.6   | 45.6   |

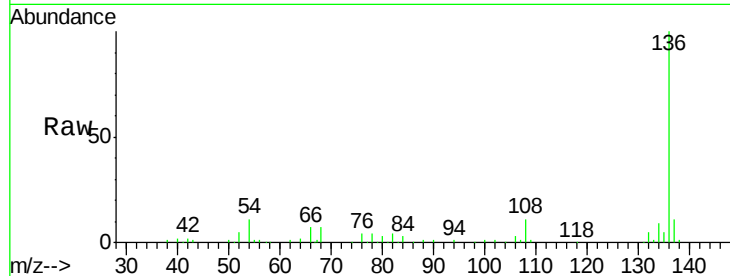




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.03 min Scan# 1395  
Delta R.T. -0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

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

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 117806 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 9.0   | 13.4   |
| 54       | 11.0  | 9.6   | 14.4   |
| 68       | 6.5   | 6.4   | 9.6    |



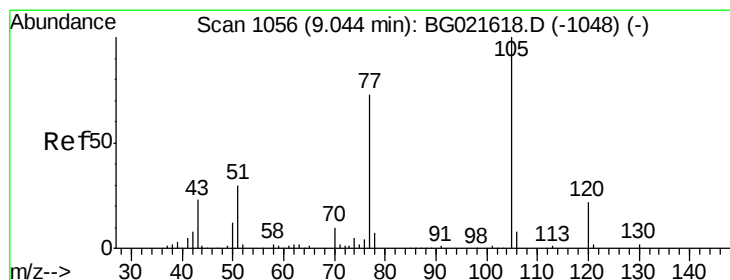
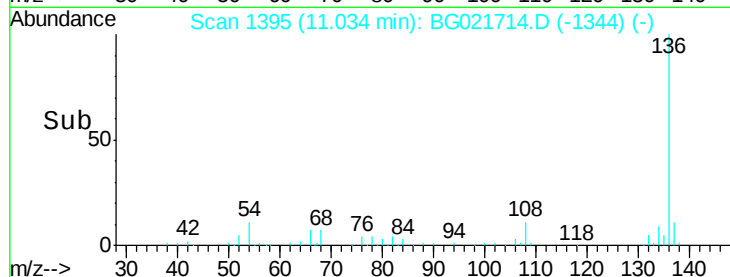
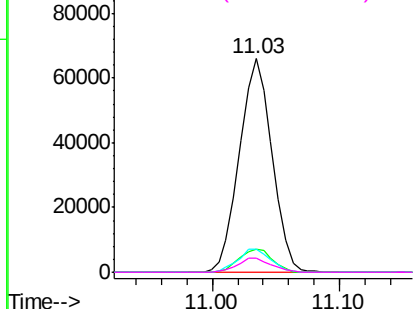
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

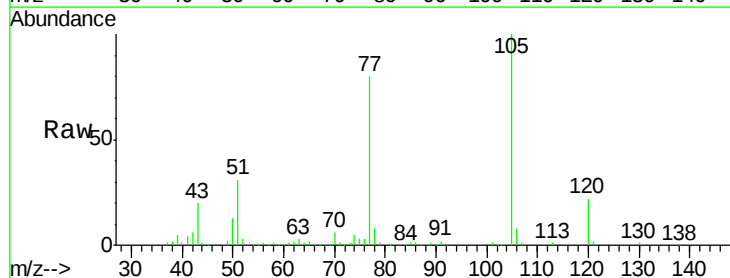
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22  
Acetophenone  
Concen: 43.75 ng  
RT: 9.04 min Scan# 1056  
Delta R.T. -0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 143564 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 1.2   | 0.0   | 0.0#   |
| 51       | 31.5  | 25.7  | 38.5   |
| 120      | 22.0  | 17.0  | 25.6   |



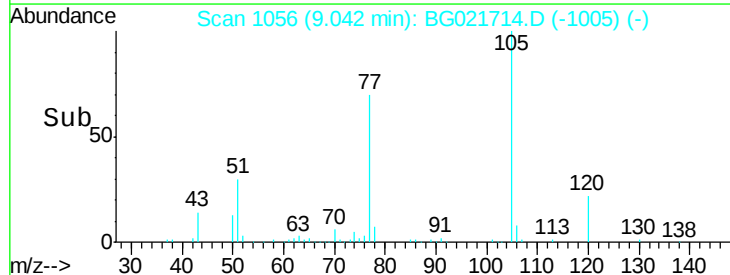
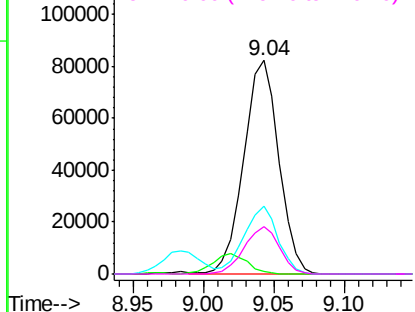
Abundance

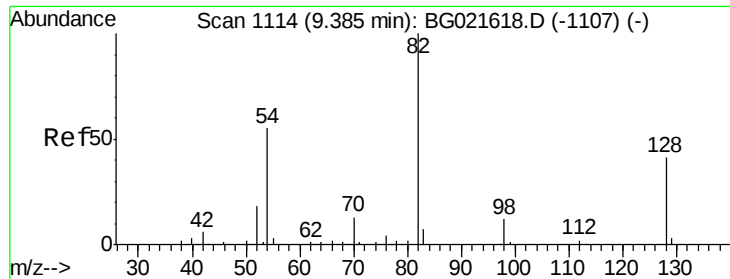
Ion 105.00 (104.70 to 105.70): E

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

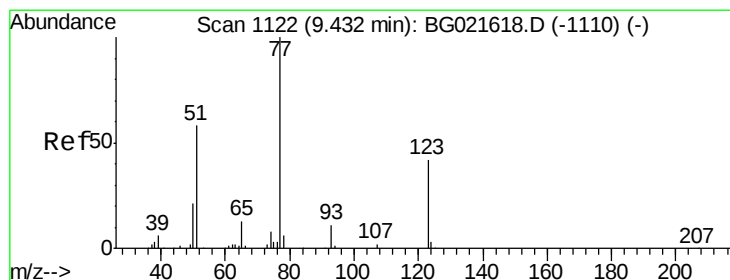
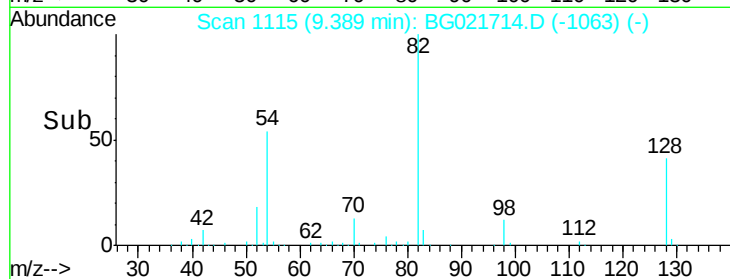
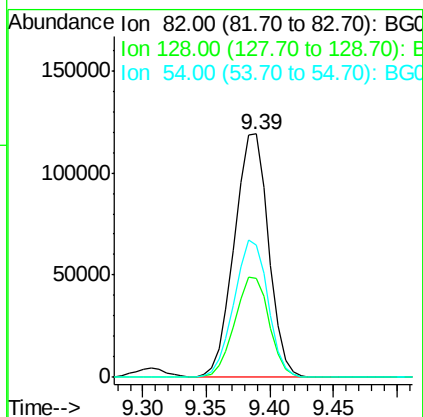
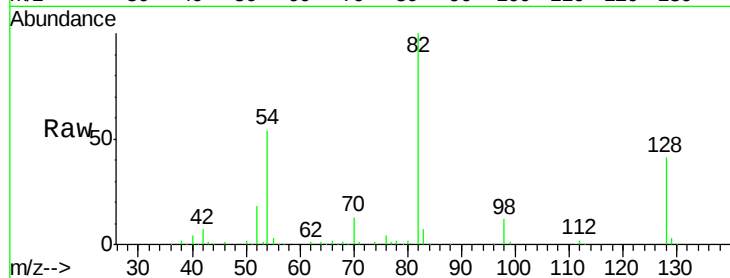




#23  
 Nitrobenzene-d5  
 Concen: 97.54 ng  
 RT: 9.39 min Scan# 1115  
 Delta R.T. 0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

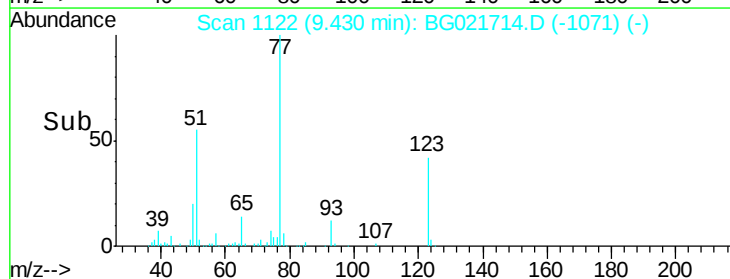
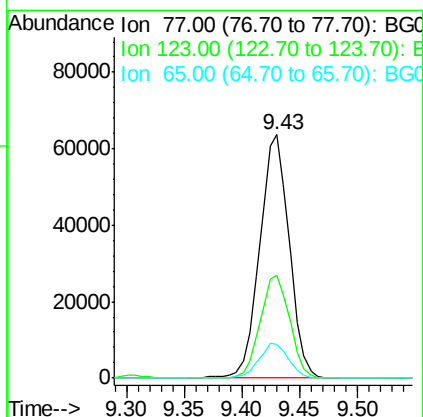
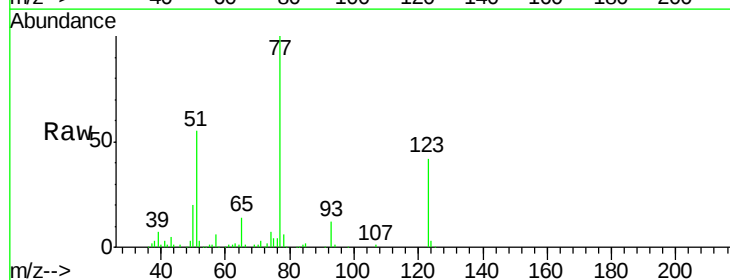
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

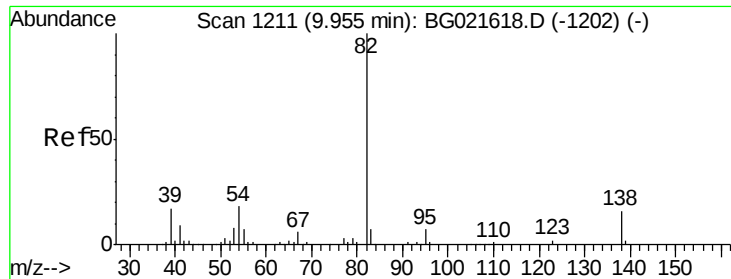
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 40.6  | 33.4  | 50.0  |
| 54      | 54.1  | 46.1  | 69.1  |



#24  
 Nitrobenzene  
 Concen: 46.20 ng  
 RT: 9.43 min Scan# 1122  
 Delta R.T. -0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 42.0  | 32.2  | 48.4  |
| 65      | 13.7  | 10.3  | 15.5  |





#25

Isophorone

Concen: 42.69 ng

RT: 9.95 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

Instrument :

BNA\_G

ClientSampleId :

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

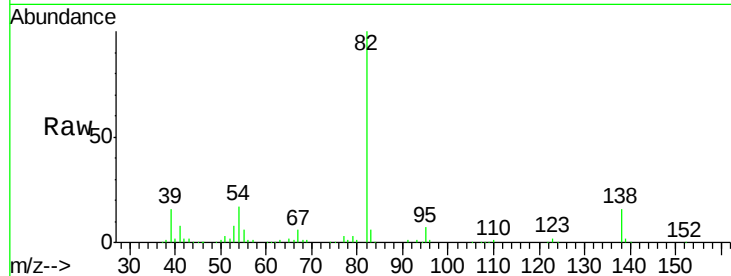
Tgt Ion: 82 Resp: 214142

Ion Ratio Lower Upper

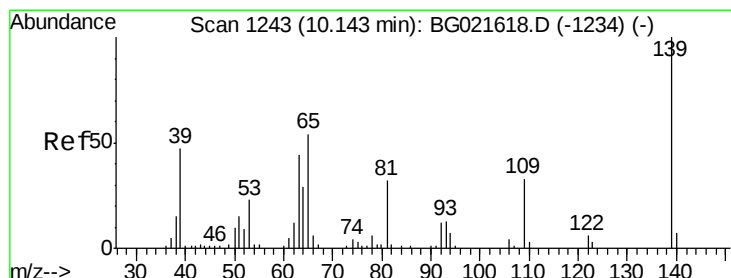
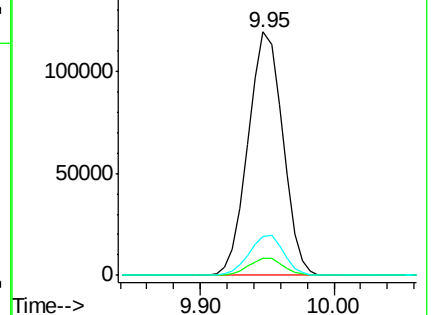
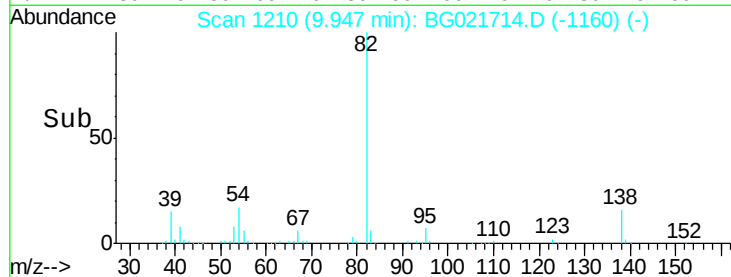
82 100

95 6.8 6.0 9.0

138 16.1 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: 55.93 ng

RT: 10.14 min Scan# 1243

Delta R.T. -0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

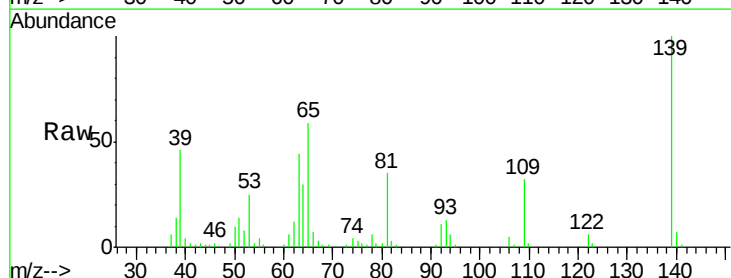
Tgt Ion: 139 Resp: 52398

Ion Ratio Lower Upper

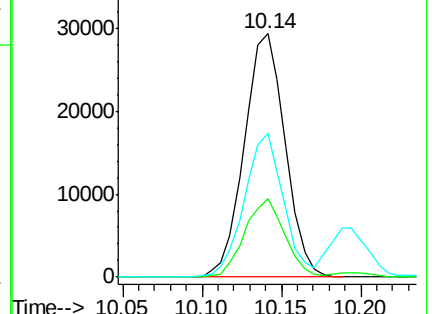
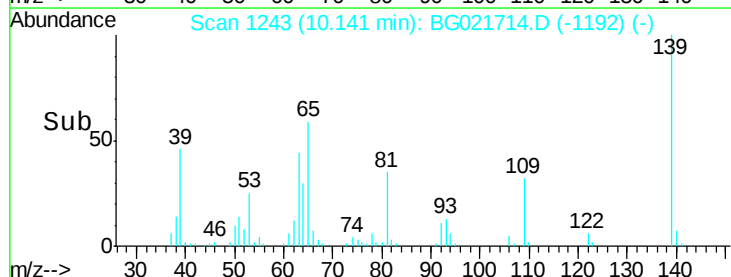
139 100

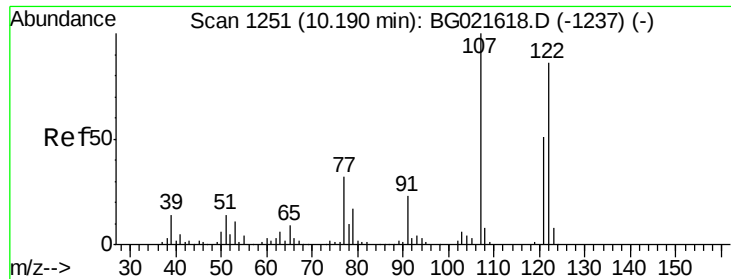
109 32.4 26.6 40.0

65 59.2 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

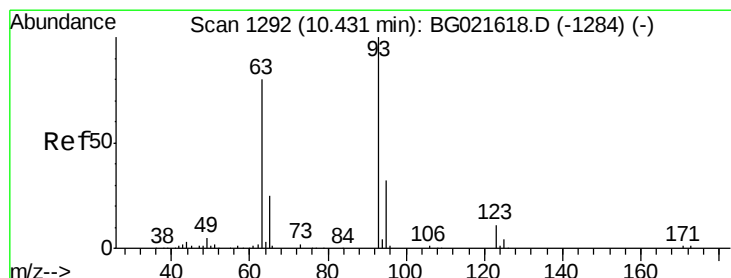
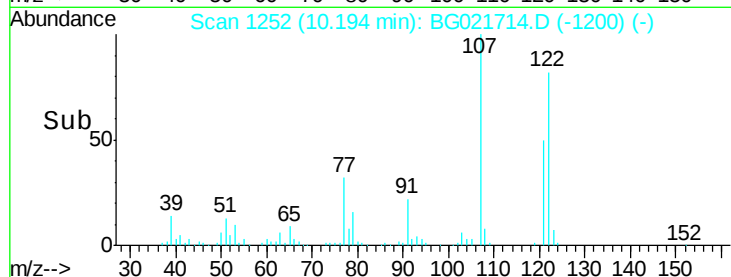
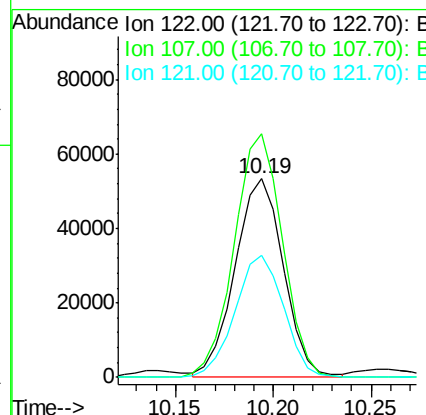
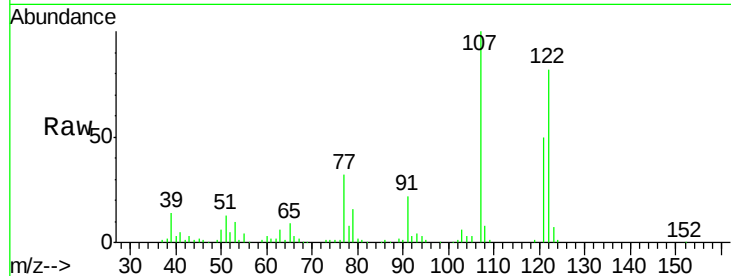




#27  
 2,4-Dimethylphenol  
 Concen: 43.27 ng  
 RT: 10.19 min Scan# 1252  
 Delta R.T. 0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

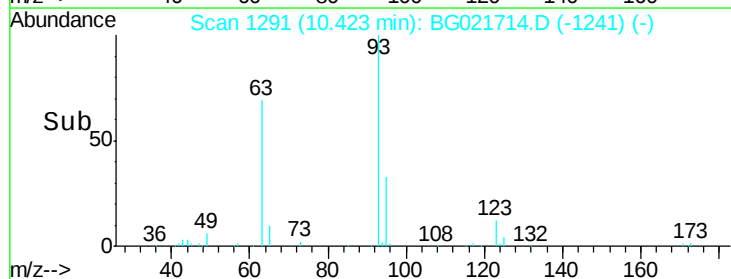
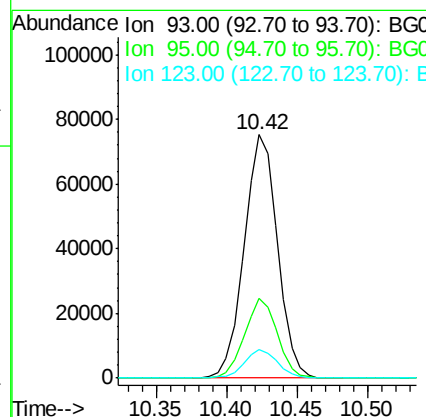
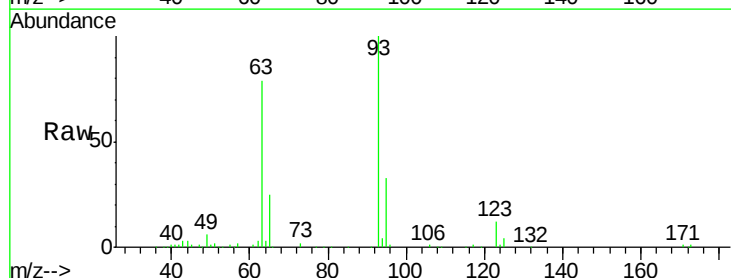
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

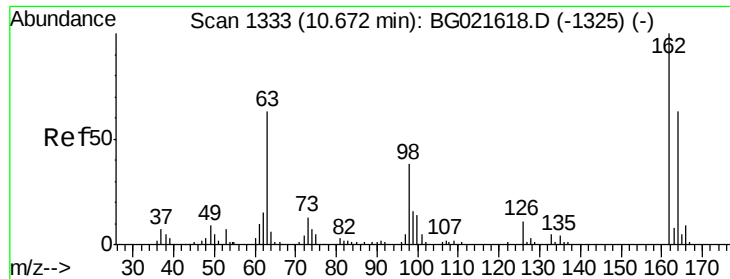
Tgt Ion:122 Resp: 92085  
 Ion Ratio Lower Upper  
 122 100  
 107 122.5 97.2 145.8  
 121 61.1 49.0 73.4



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 46.51 ng  
 RT: 10.42 min Scan# 1291  
 Delta R.T. -0.01 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

Tgt Ion: 93 Resp: 123985  
 Ion Ratio Lower Upper  
 93 100  
 95 32.8 30.1 45.1  
 123 11.9 10.2 15.4

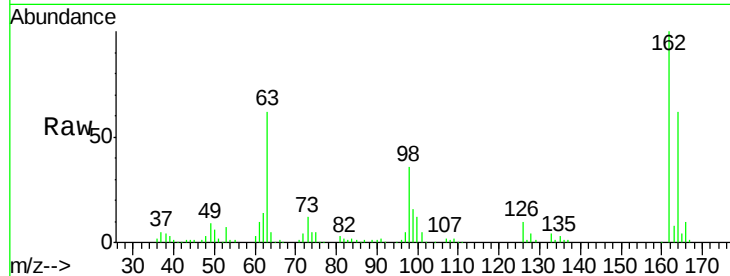




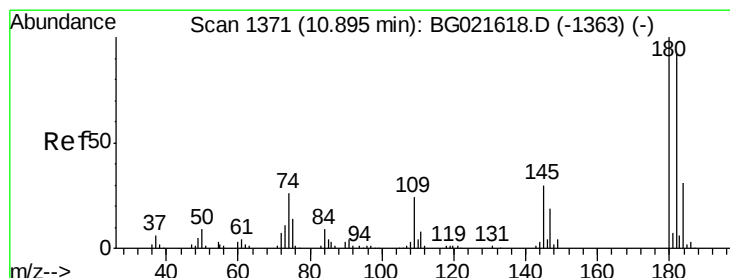
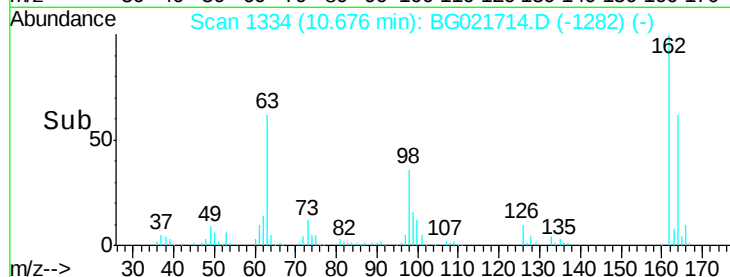
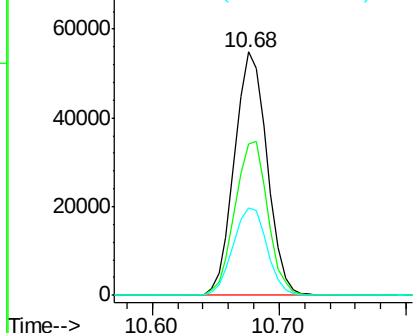
#29  
 2,4-Dichlorophenol  
 Concen: 53.93 ng  
 RT: 10.68 min Scan# 1334  
 Delta R.T. 0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

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

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 162     | 100  |       |       |
| 164     | 62.0 | 44.9  | 84.9  |
| 98      | 35.8 | 19.2  | 59.2  |

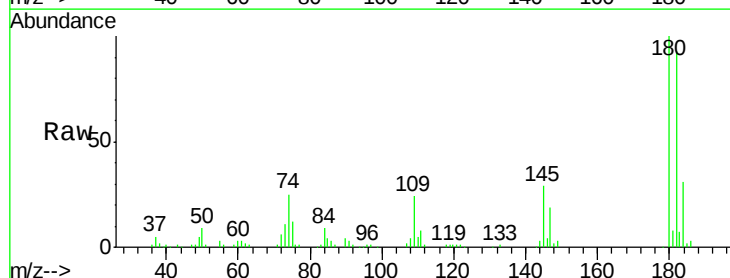


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

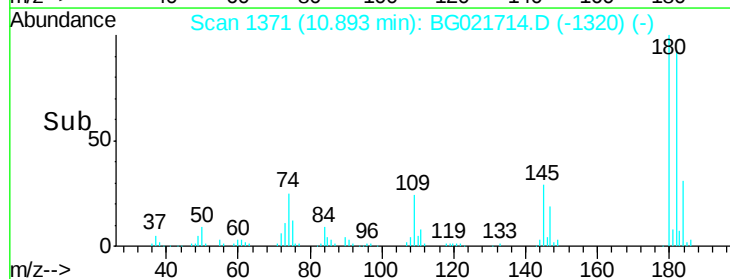
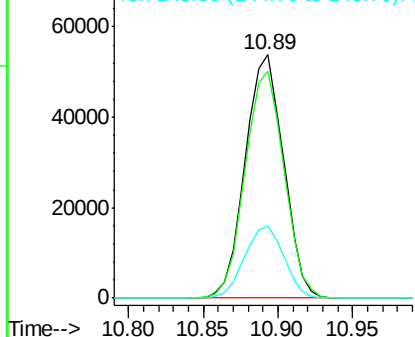


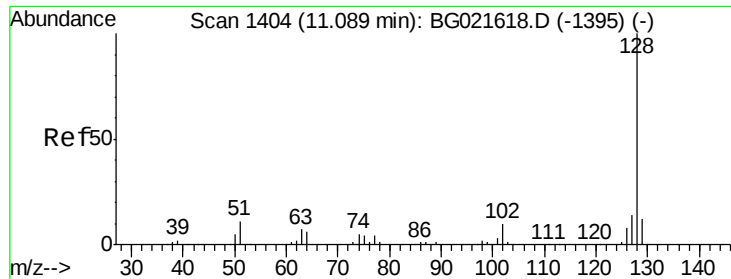
#30  
 1,2,4-Trichlorobenzene  
 Concen: 48.90 ng  
 RT: 10.89 min Scan# 1371  
 Delta R.T. -0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 180     | 100  |       |       |
| 182     | 93.0 | 82.3  | 123.5 |
| 145     | 29.5 | 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

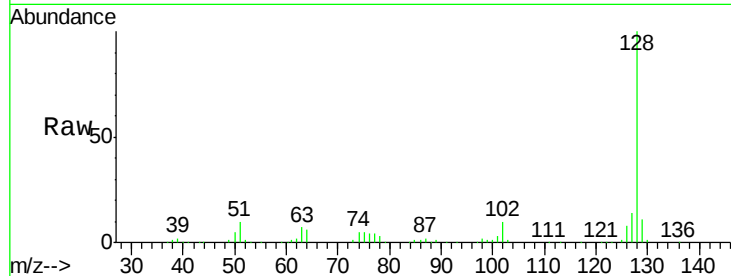




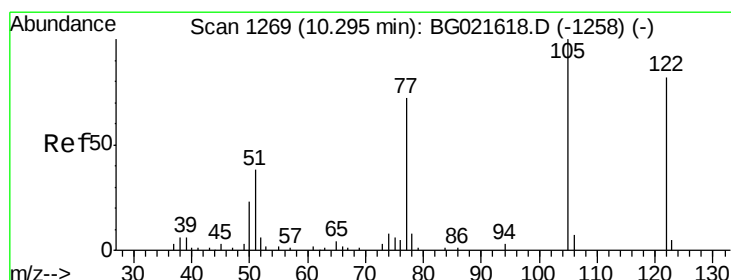
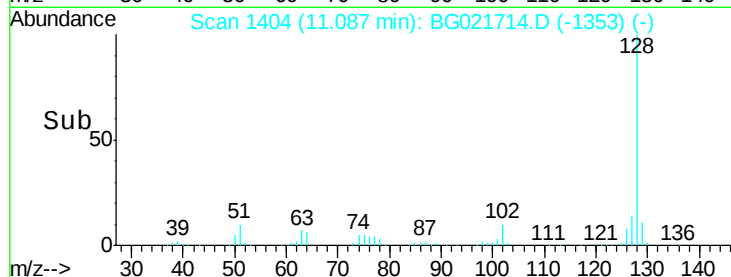
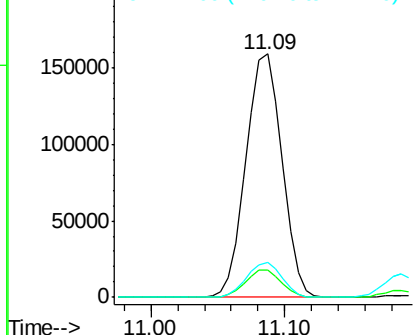
#31  
Naphthalene  
Concen: 47.17 ng  
RT: 11.09 min Scan# 1404  
Delta R.T. -0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

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

Tgt Ion:128 Resp: 297378  
Ion Ratio Lower Upper  
128 100  
129 11.1 7.0 10.6#  
127 14.3 10.1 15.1

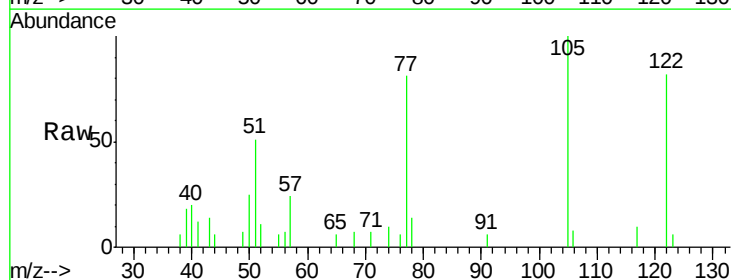


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

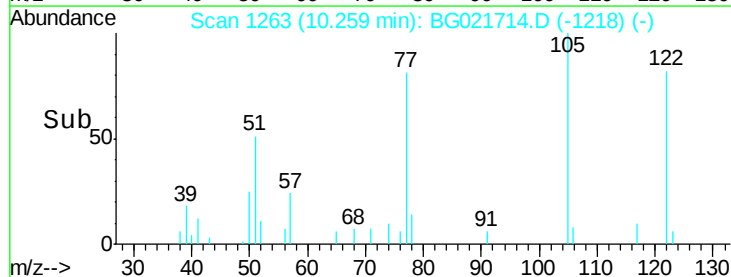
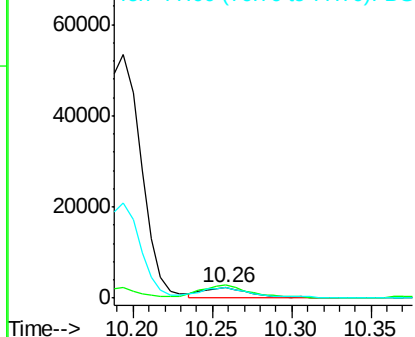


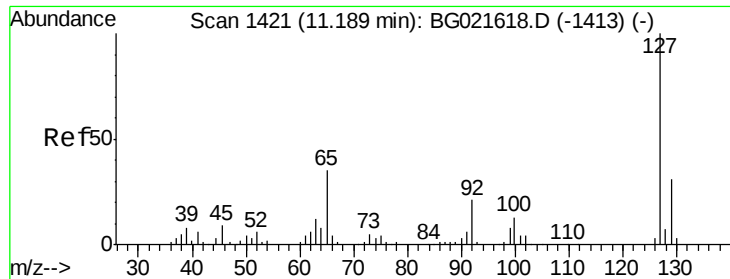
#32  
Benzoic acid  
Concen: 8.89 ng  
RT: 10.26 min Scan# 1263  
Delta R.T. -0.04 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

Tgt Ion:122 Resp: 4970  
Ion Ratio Lower Upper  
122 100  
105 121.7 104.5 144.5  
77 98.9 79.9 119.9



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BG

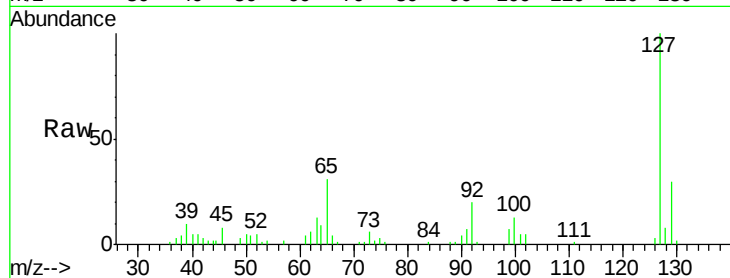




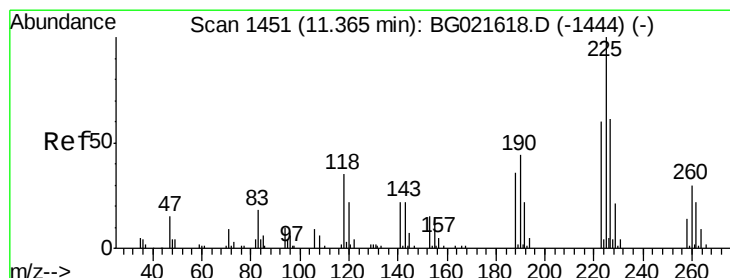
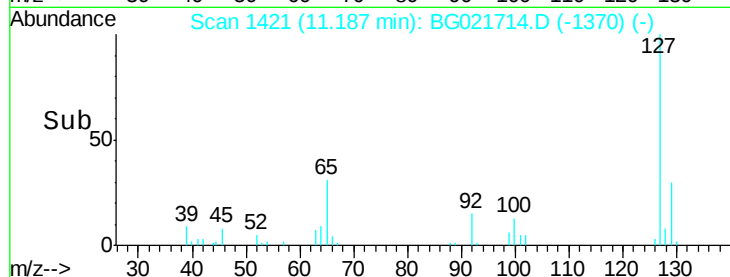
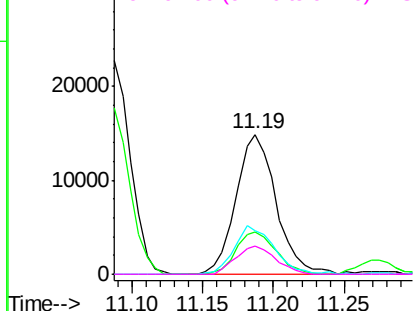
#33  
4-Chloroaniline  
Concen: 10.82 ng  
RT: 11.19 min Scan# 1421  
Delta R.T. -0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

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

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 127   | Resp: | 29525 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 30.5  | 26.6  | 39.8  |
| 65       | 30.9  | 27.5  | 41.3  |
| 92       | 19.7  | 14.7  | 22.1  |

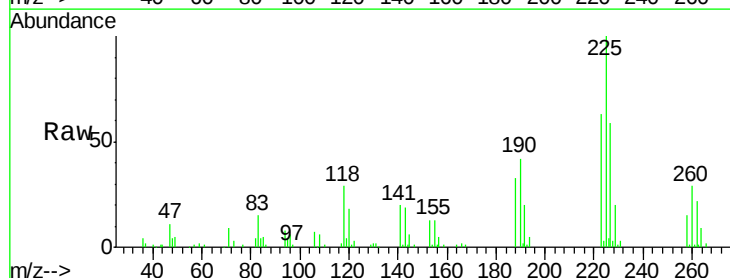


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

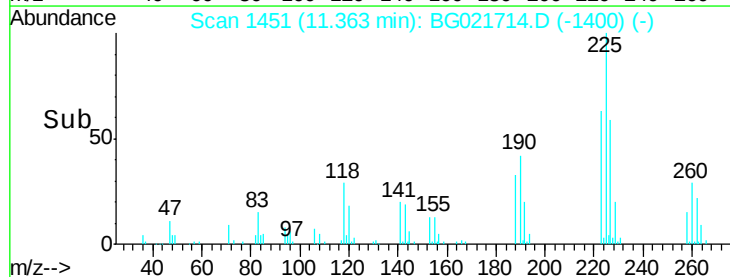
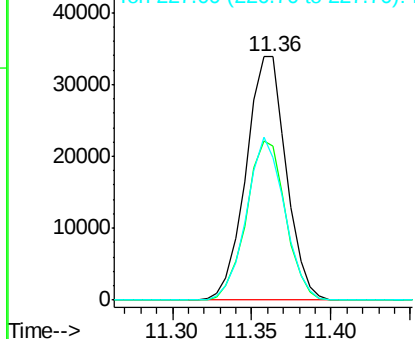


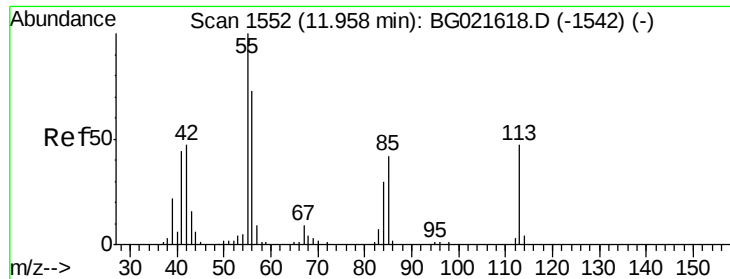
#34  
Hexachlorobutadiene  
Concen: 47.27 ng  
RT: 11.36 min Scan# 1451  
Delta R.T. -0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 59486 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 63.2  | 52.7  | 79.1  |
| 227      | 61.8  | 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: 31.57 ng

RT: 11.96 min Scan# 1553

Delta R.T. 0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

Instrument :

BNA\_G

ClientSampleId :

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

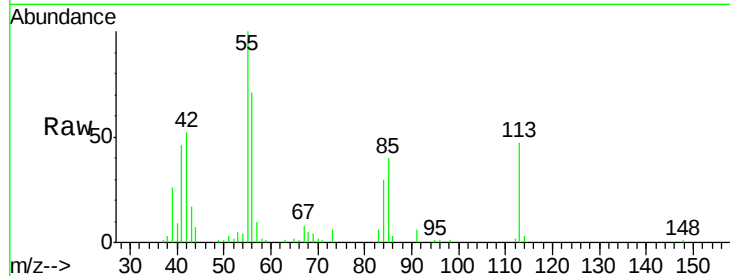
Tgt Ion:113 Resp: 26215

Ion Ratio Lower Upper

113 100

55 213.0 194.2 234.2

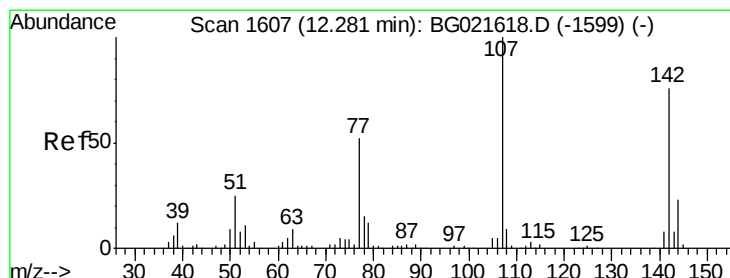
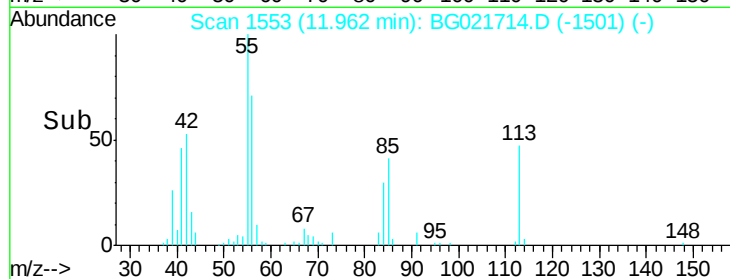
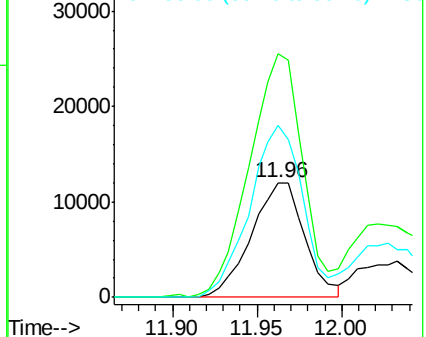
56 150.6 122.6 162.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 50.38 ng

RT: 12.30 min Scan# 1610

Delta R.T. 0.02 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

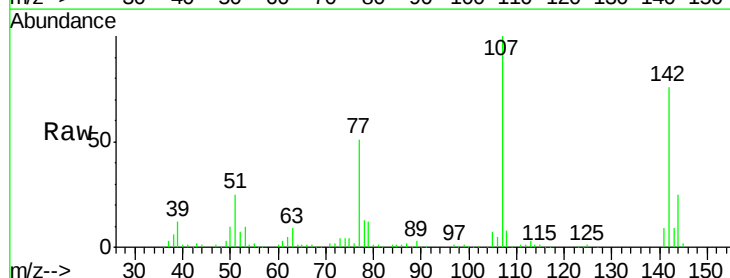
Tgt Ion:107 Resp: 114962

Ion Ratio Lower Upper

107 100

144 25.2 19.2 28.8

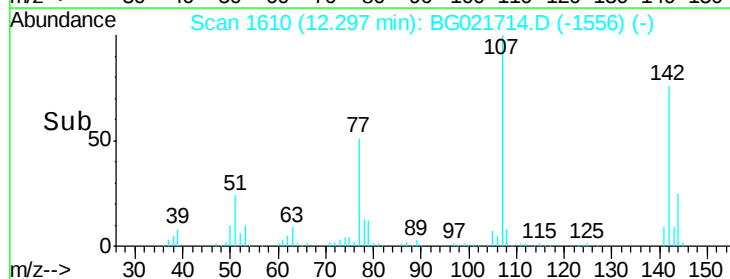
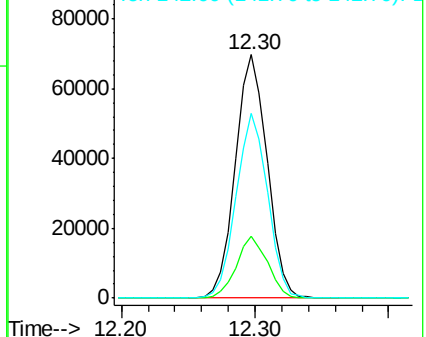
142 75.8 59.1 88.7

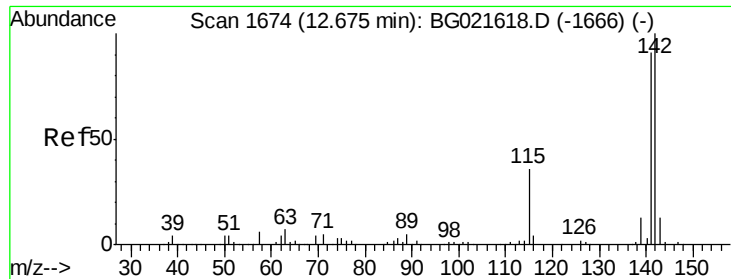


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

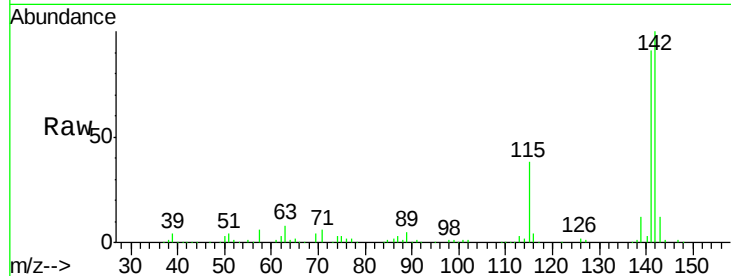




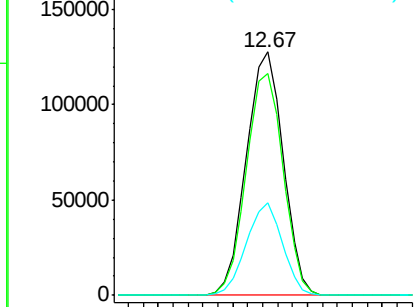
#37  
2-Methylnaphthalene  
Concen: 50.43 ng  
RT: 12.67 min Scan# 1674  
Delta R.T. -0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

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

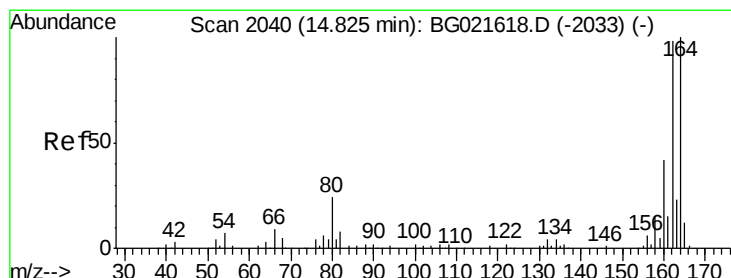
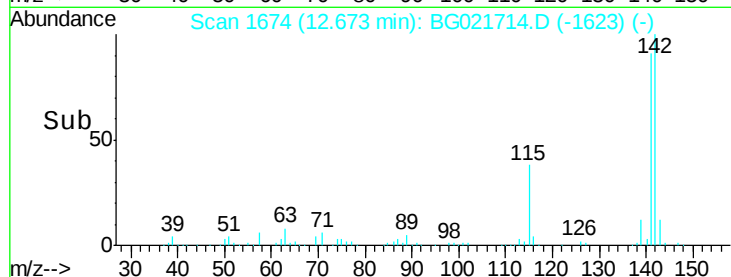
Tgt Ion:142 Resp: 218246  
Ion Ratio Lower Upper  
142 100  
141 91.2 71.4 107.0  
115 37.8 27.4 41.2



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

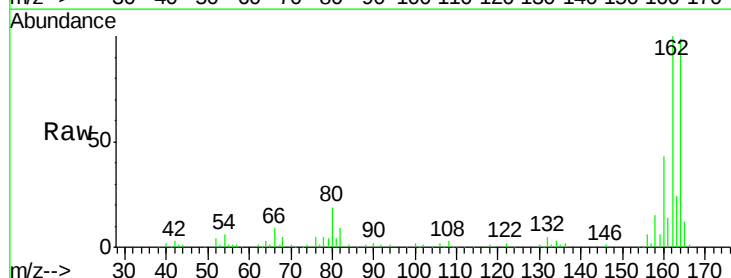


Time-->

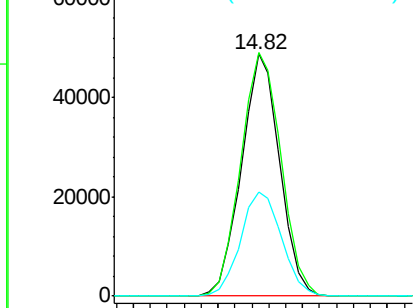


#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.82 min Scan# 2040  
Delta R.T. -0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

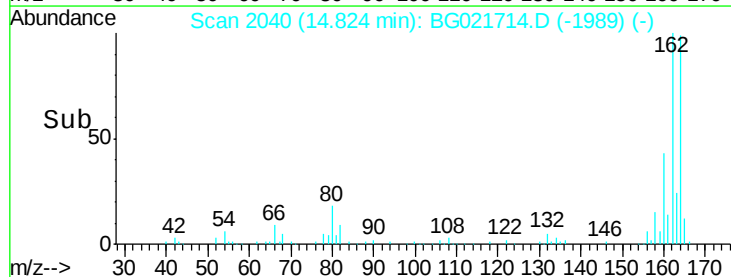
Tgt Ion:164 Resp: 76237  
Ion Ratio Lower Upper  
164 100  
162 100.7 78.0 117.0  
160 43.3 32.9 49.3

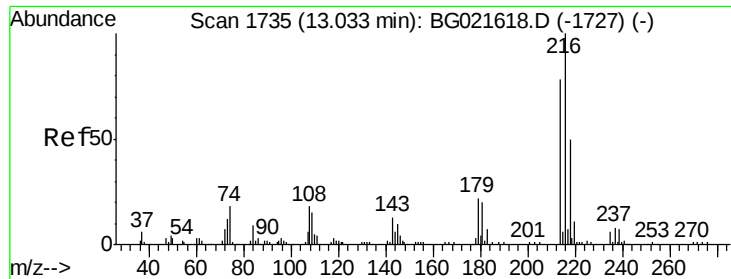


Abundance Ion 164.00 (163.70 to 164.70): E  
Ion 162.00 (161.70 to 162.70): E  
Ion 160.00 (159.70 to 160.70): E



Time-->

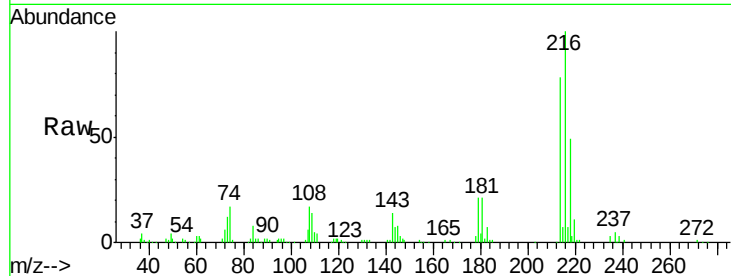




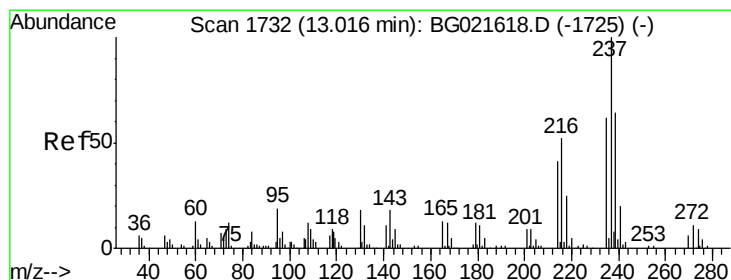
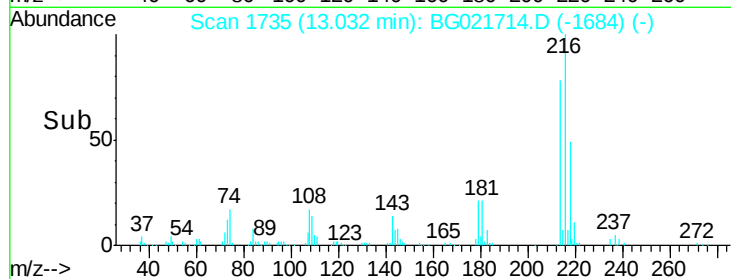
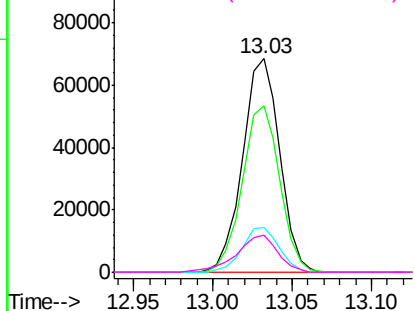
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 46.79 ng  
 RT: 13.03 min Scan# 1735  
 Delta R.T. -0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

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

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 111479 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.2  | 62.2  | 93.2   |
| 179      | 20.9  | 16.7  | 25.1   |
| 108      | 19.1  | 14.0  | 21.0   |

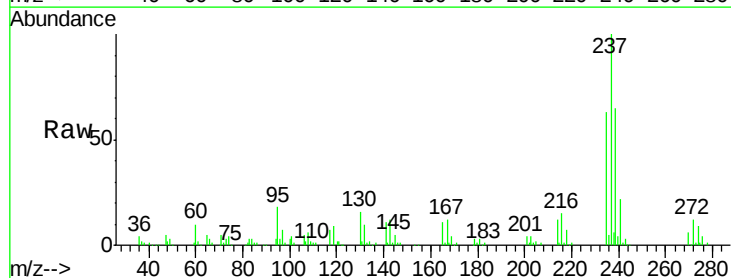


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

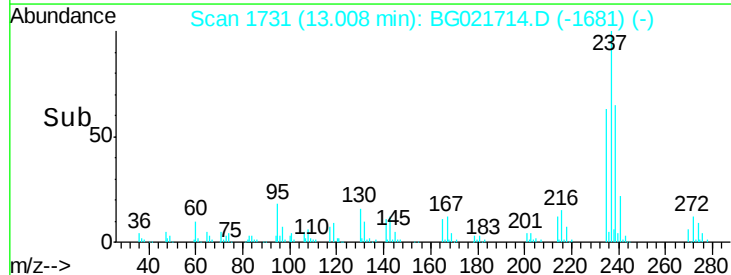
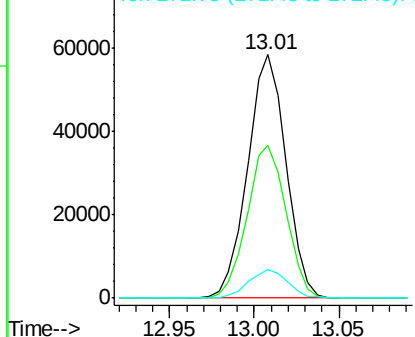


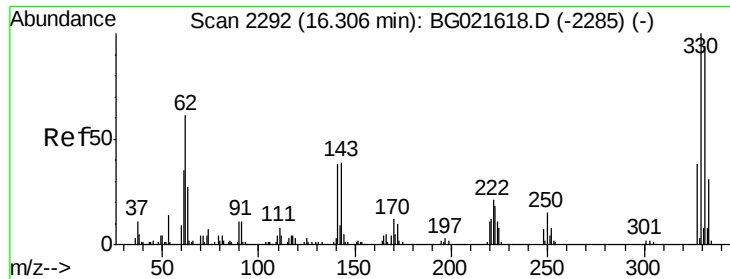
#40  
 Hexachlorocyclopentadiene  
 Concen: 69.55 ng  
 RT: 13.01 min Scan# 1731  
 Delta R.T. -0.01 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 92045 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 62.9  | 43.2  | 83.2  |
| 272      | 11.9  | 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

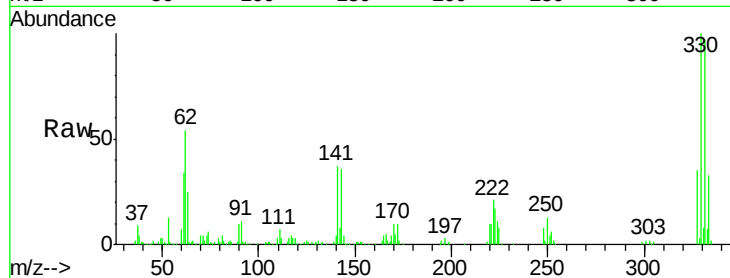




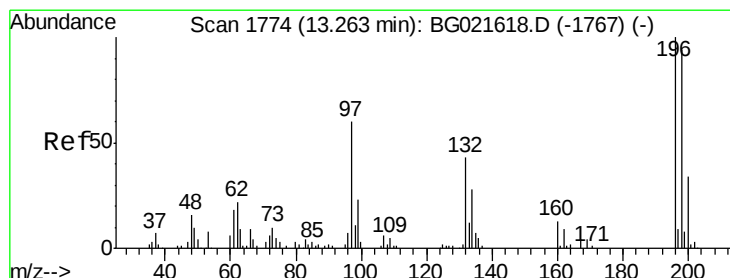
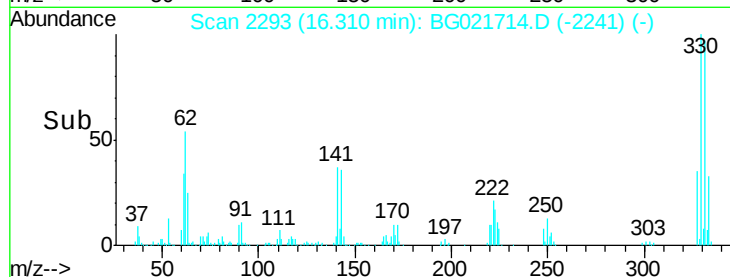
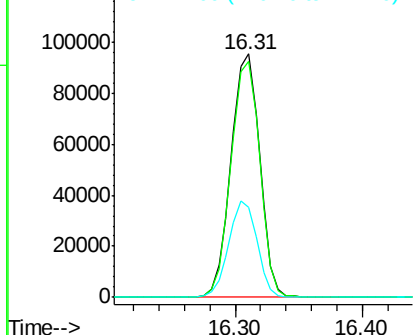
#41  
 2,4,6-Tribromophenol  
 Concen: 181.92 ng  
 RT: 16.31 min Scan# 2293  
 Delta R.T. 0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

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

Tgt Ion:330 Resp: 149474  
 Ion Ratio Lower Upper  
 330 100  
 332 97.4 78.0 117.0  
 141 38.9 33.8 50.8

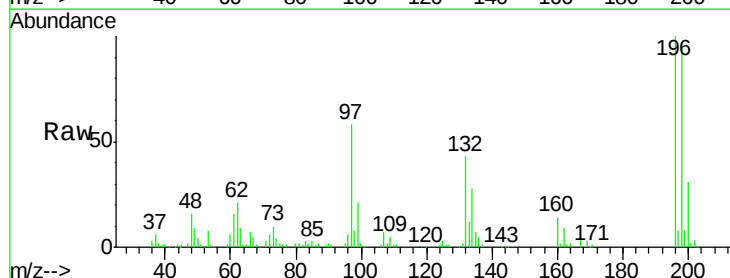


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

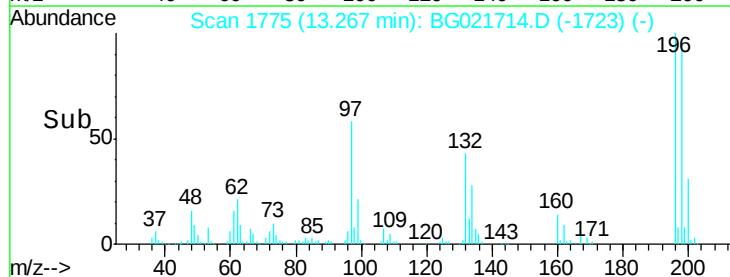
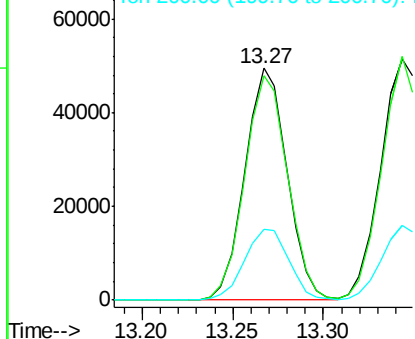


#42  
 2,4,6-Trichlorophenol  
 Concen: 52.73 ng  
 RT: 13.27 min Scan# 1775  
 Delta R.T. 0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

Tgt Ion:196 Resp: 80107  
 Ion Ratio Lower Upper  
 196 100  
 198 96.8 80.1 120.1  
 200 30.7 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

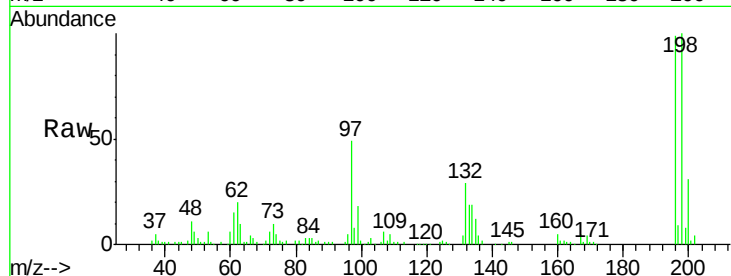




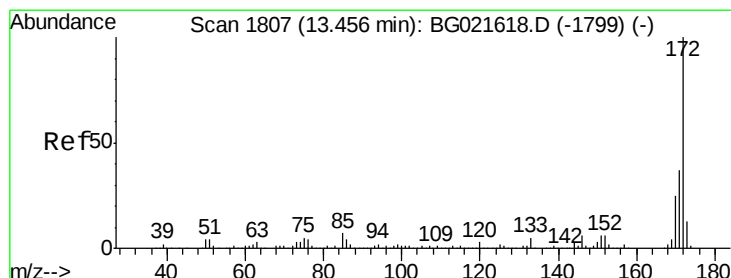
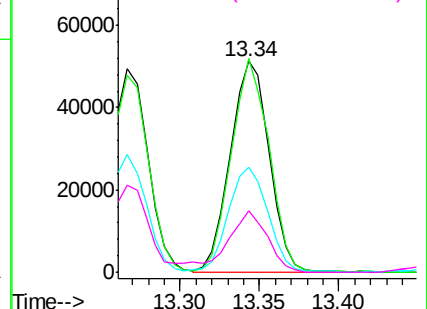
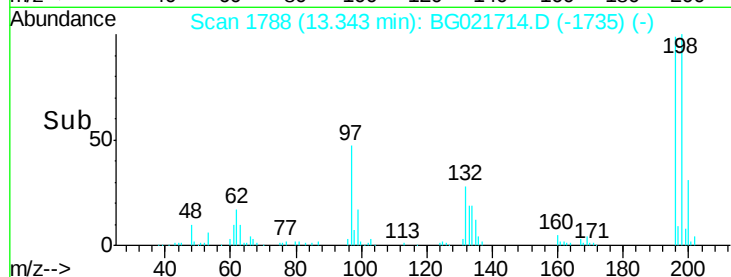
#43  
 2,4,5-Trichlorophenol  
 Concen: 53.31 ng  
 RT: 13.34 min Scan# 1788  
 Delta R.T. 0.01 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

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

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 87404 |       |       |
| 196     | 100   |       |       |
| 198     | 101.2 | 78.0  | 117.0 |
| 97      | 49.6  | 43.0  | 64.6  |
| 132     | 29.4  | 23.0  | 34.4  |

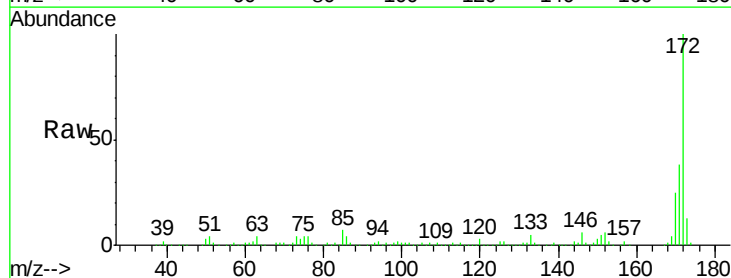


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

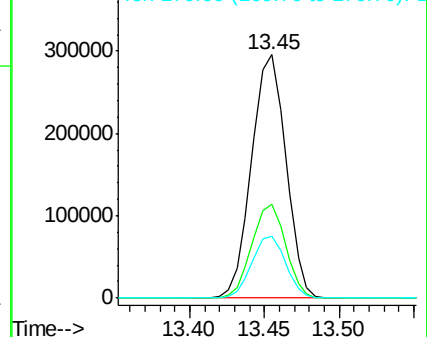
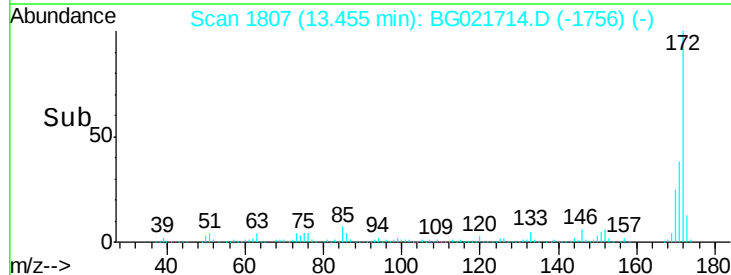


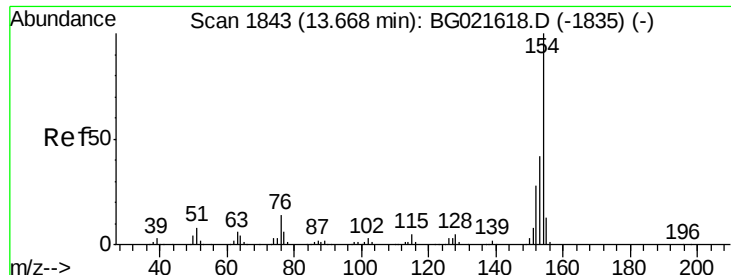
#44  
 2-Fluorobiphenyl  
 Concen: 90.28 ng  
 RT: 13.45 min Scan# 1807  
 Delta R.T. -0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 172     | 469766 |       |       |
| 172     | 100    |       |       |
| 171     | 38.3   | 27.8  | 41.6  |
| 170     | 25.3   | 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

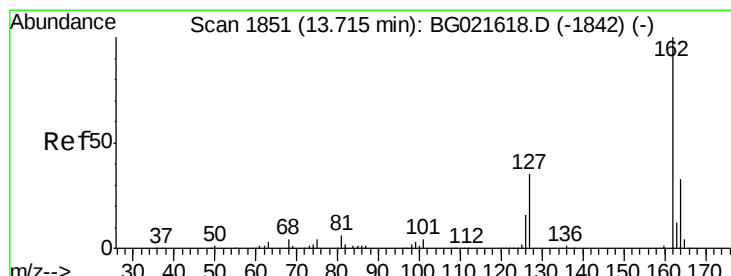
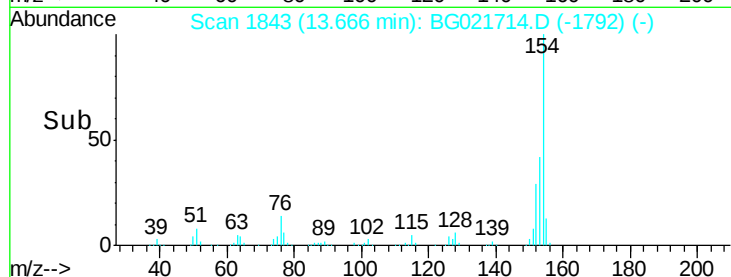
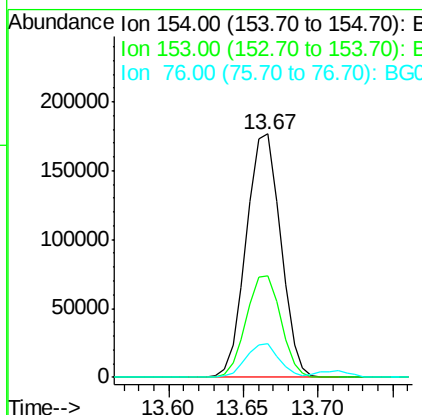
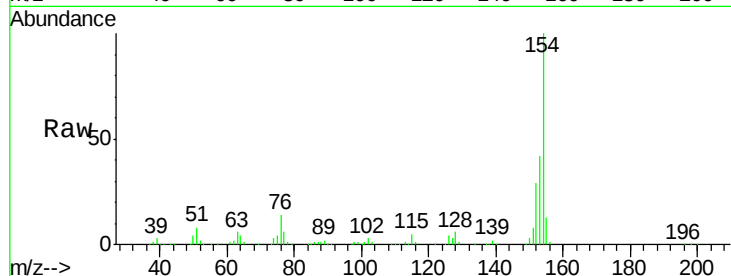




#45  
 1,1'-Biphenyl  
 Concen: 43.97 ng  
 RT: 13.67 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

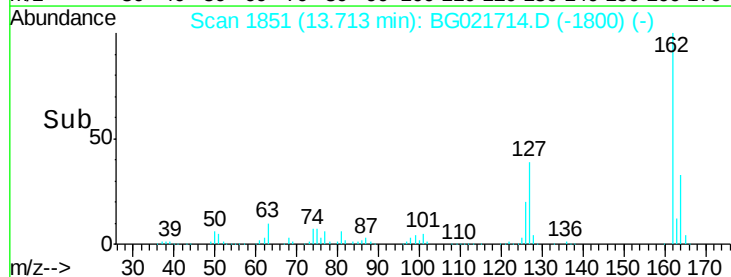
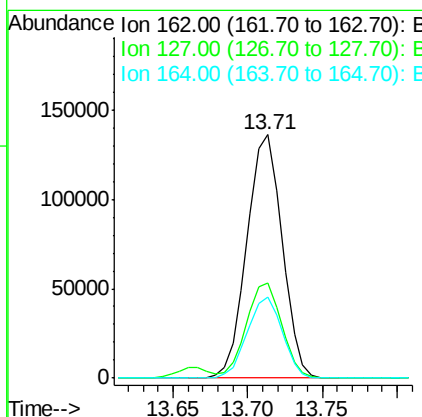
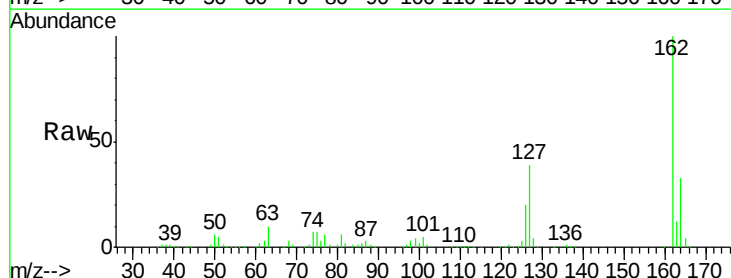
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

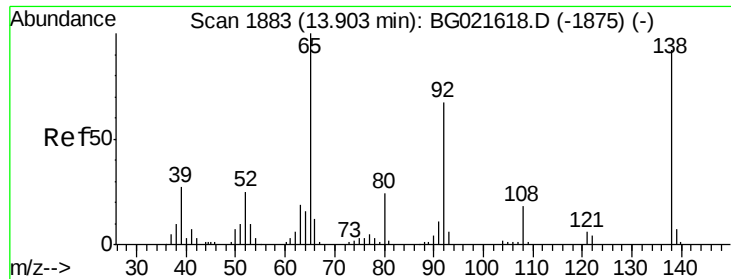
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 282435 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 41.9  | 19.7  | 59.7   |
| 76       | 13.6  | 0.0   | 33.0   |



#46  
 2-Chloronaphthalene  
 Concen: 46.76 ng  
 RT: 13.71 min Scan# 1851  
 Delta R.T. -0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 222063 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 39.0  | 32.0  | 48.0   |
| 164      | 33.1  | 27.0  | 40.4   |

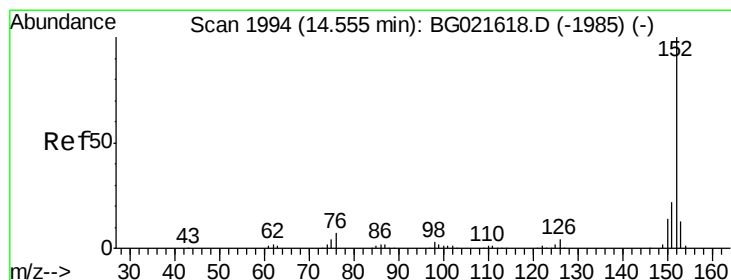
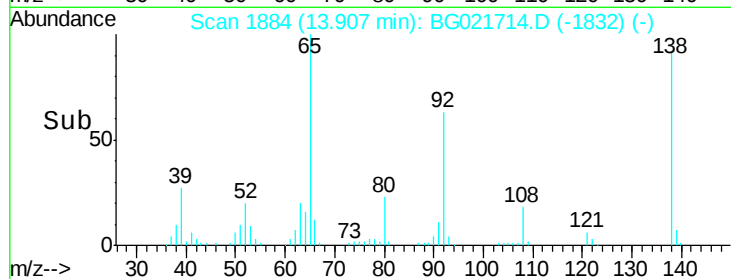
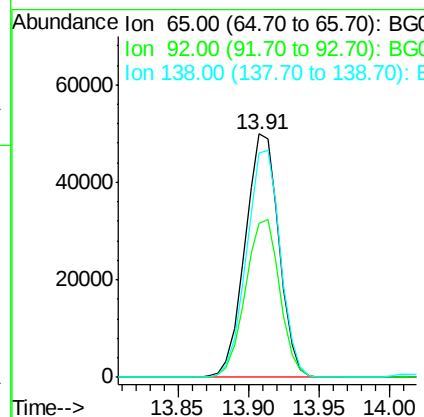
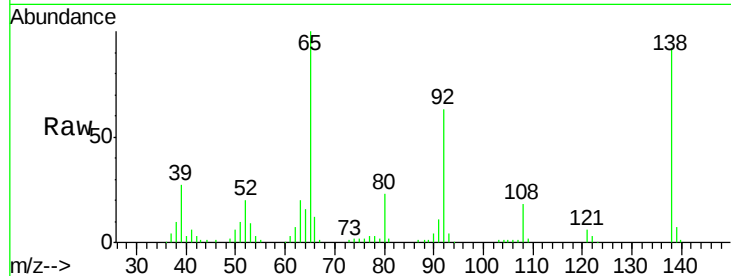




#47  
2-Nitroaniline  
Concen: 51.47 ng  
RT: 13.91 min Scan# 1884  
Delta R.T. 0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

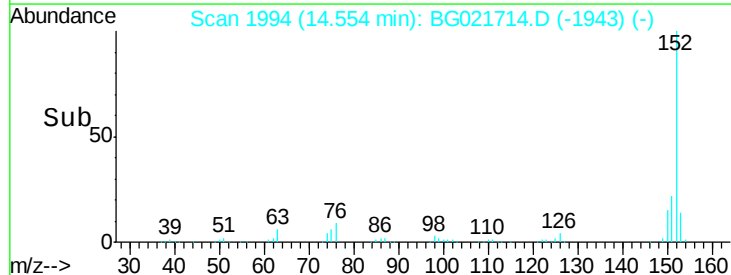
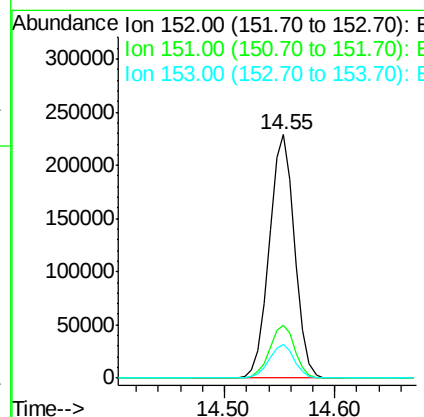
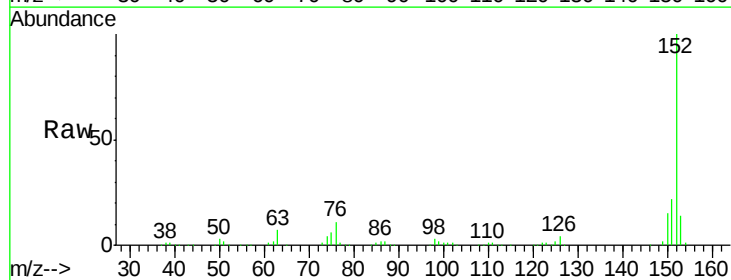
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

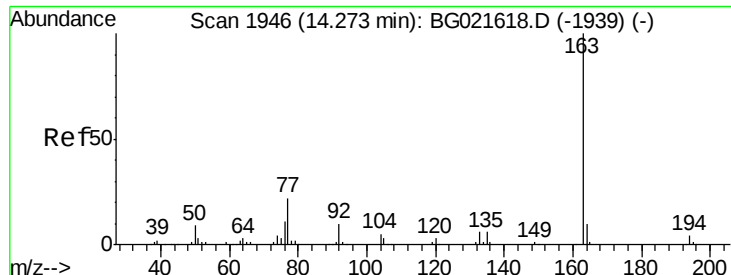
Tgt Ion: 65 Resp: 83810  
Ion Ratio Lower Upper  
65 100  
92 63.3 49.2 73.8  
138 92.0 75.0 112.6



#48  
Acenaphthylene  
Concen: 46.64 ng  
RT: 14.55 min Scan# 1994  
Delta R.T. -0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

Tgt Ion: 152 Resp: 366166  
Ion Ratio Lower Upper  
152 100  
151 21.9 16.6 24.8  
153 13.7 10.2 15.2





#49

Dimethylphthalate

Concen: 52.53 ng

RT: 14.27 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

Instrument :

BNA\_G

ClientSampleId :

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

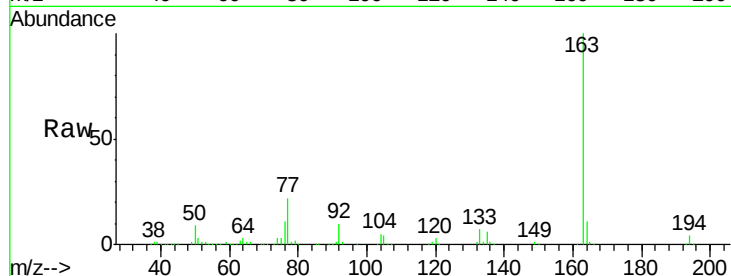
Tgt Ion:163 Resp: 346243

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

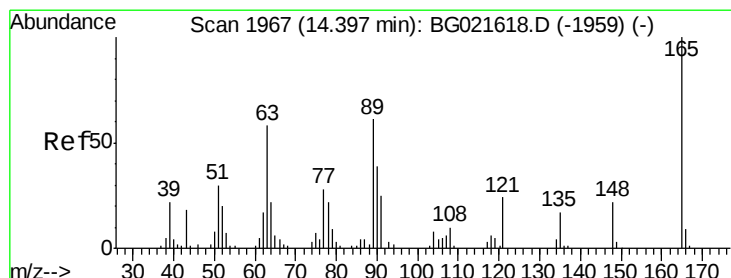
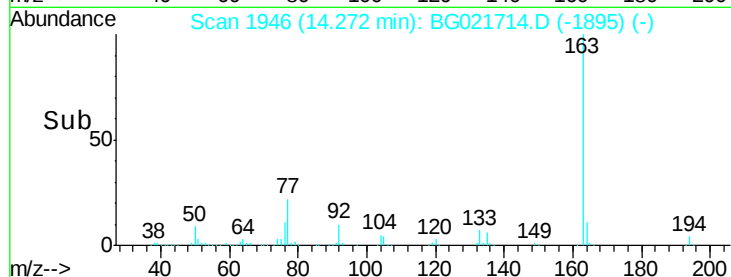
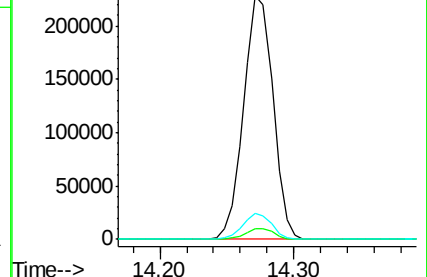
164 10.7 8.1 12.1



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: 52.38 ng

RT: 14.39 min Scan# 1967

Delta R.T. -0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

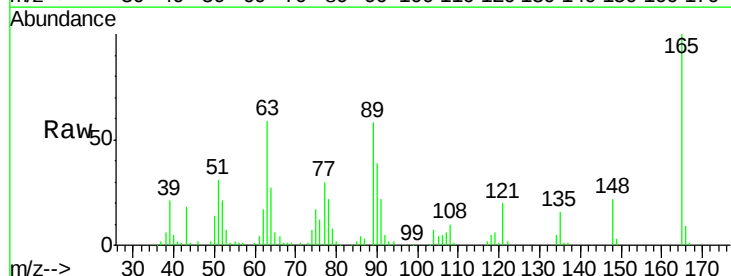
Tgt Ion:165 Resp: 65832

Ion Ratio Lower Upper

165 100

63 58.5 48.2 72.4

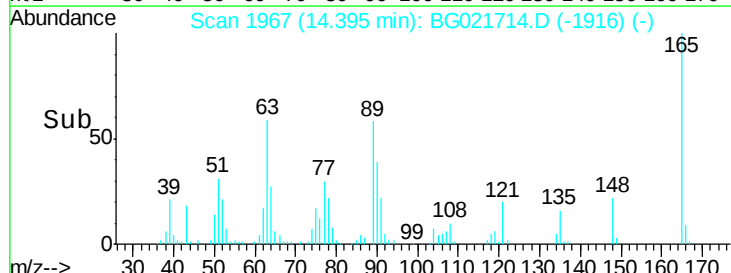
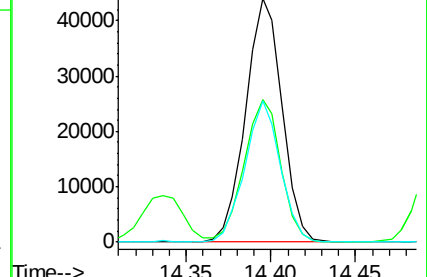
89 57.8 45.3 67.9

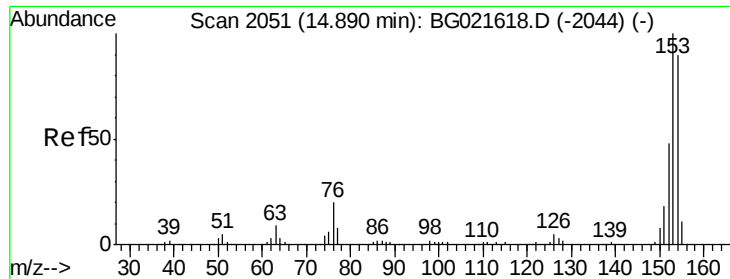


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 46.50 ng

RT: 14.89 min Scan# 2051

Delta R.T. -0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

Instrument :

BNA\_G

ClientSampleId :

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

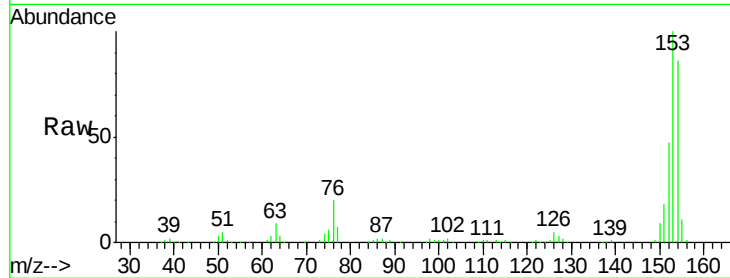
Tgt Ion:154 Resp: 233408

Ion Ratio Lower Upper

154 100

153 116.5 91.9 137.9

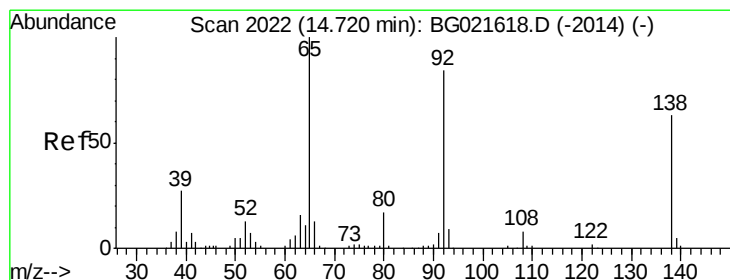
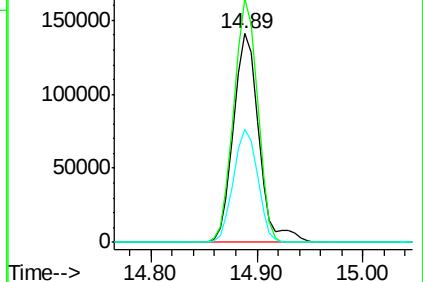
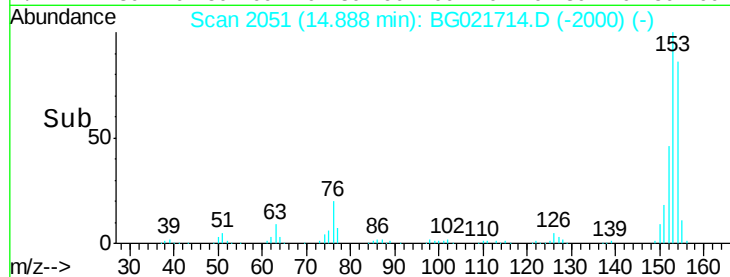
152 54.3 42.0 63.0



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: 27.50 ng

RT: 14.72 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

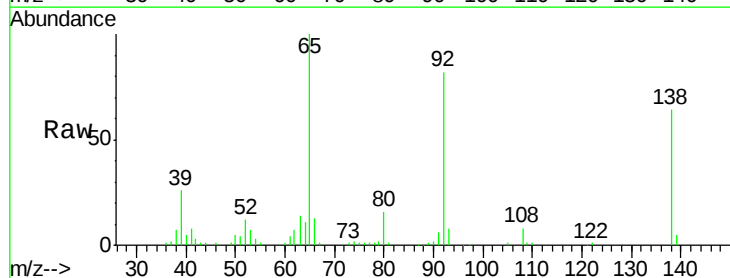
Tgt Ion:138 Resp: 38325

Ion Ratio Lower Upper

138 100

108 12.1 9.1 13.7

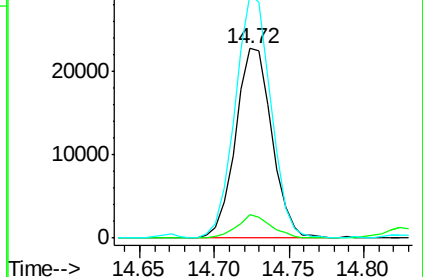
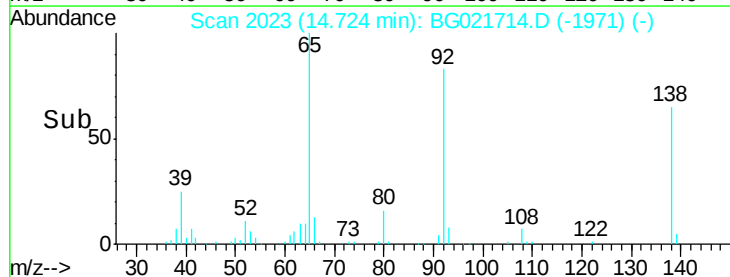
92 128.6 102.6 154.0

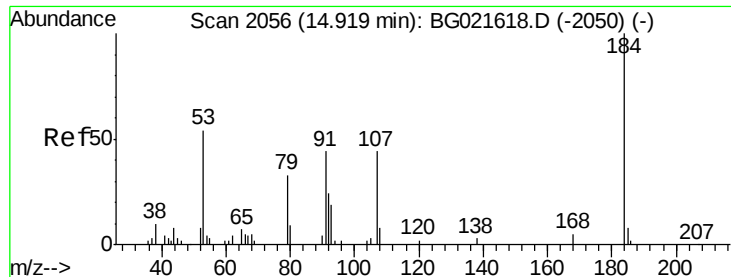


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

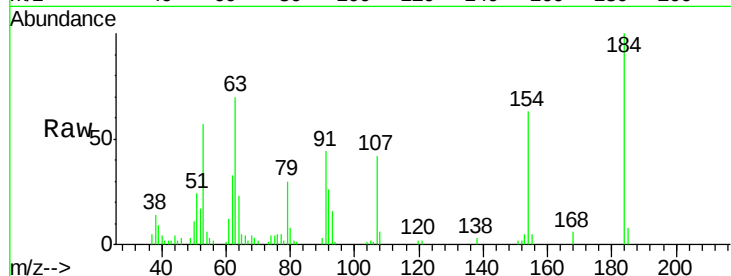




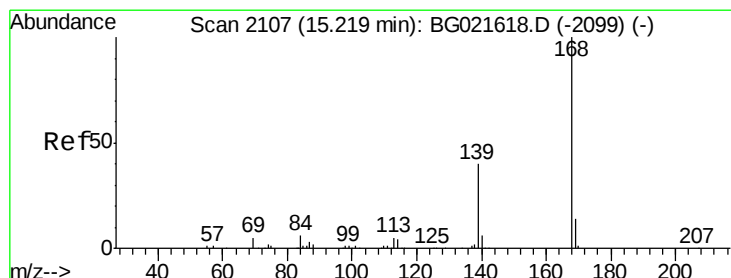
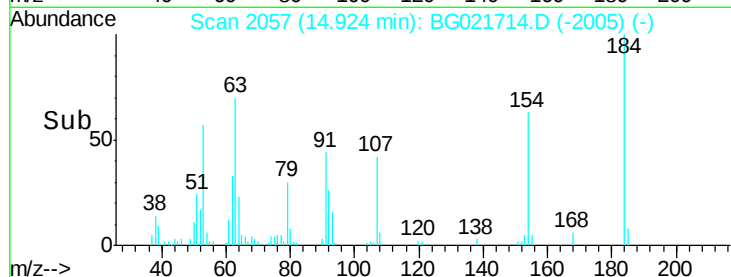
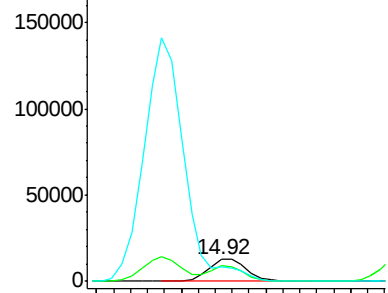
#53  
2,4-Dinitrophenol  
Concen: 45.62 ng  
RT: 14.92 min Scan# 2057  
Delta R.T. 0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

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

Tgt Ion:184 Resp: 20348  
Ion Ratio Lower Upper  
184 100  
63 70.0 57.3 85.9  
154 62.9 55.2 82.8

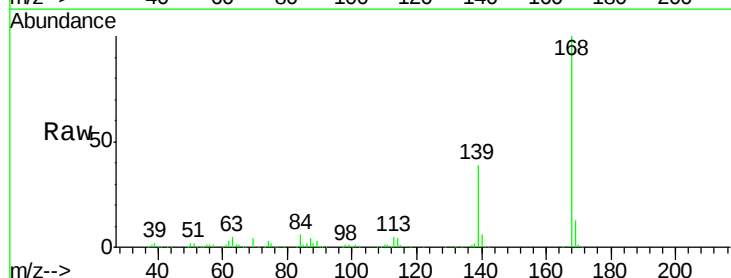


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E

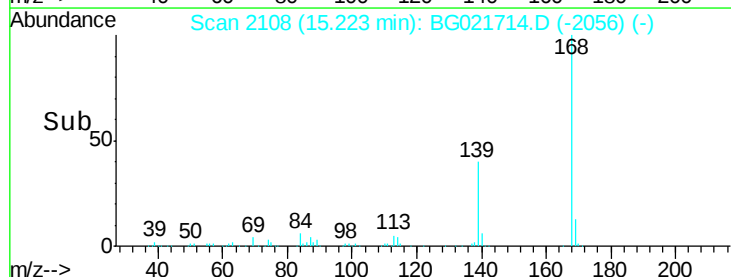
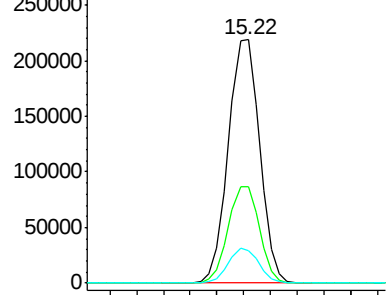


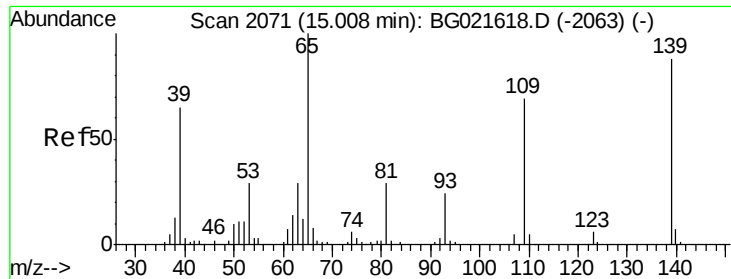
#54  
Dibenzofuran  
Concen: 51.87 ng  
RT: 15.22 min Scan# 2108  
Delta R.T. 0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

Tgt Ion:168 Resp: 355463  
Ion Ratio Lower Upper  
168 100  
139 39.4 31.1 46.7  
169 13.3 11.0 16.6



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

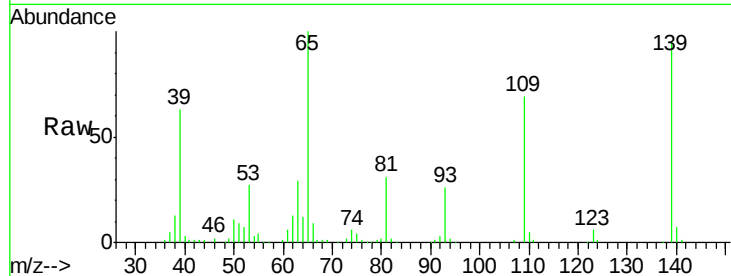




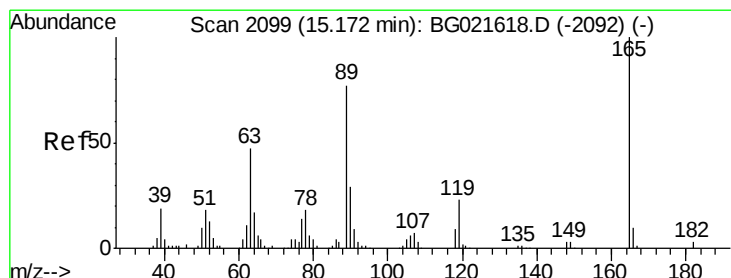
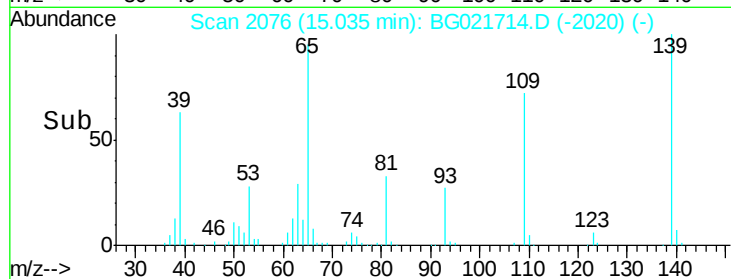
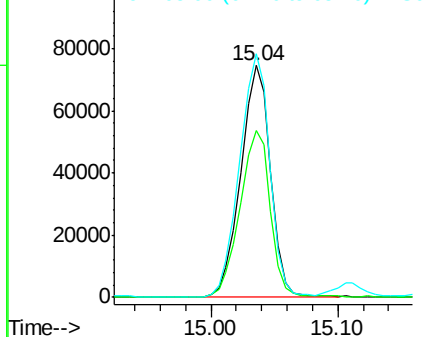
#55  
4-Nitrophenol  
Concen: 101.91 ng  
RT: 15.04 min Scan# 2076  
Delta R.T. 0.03 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

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

Tgt Ion:139 Resp: 121639  
Ion Ratio Lower Upper  
139 100  
109 72.0 49.2 89.2  
65 105.1 83.2 123.2

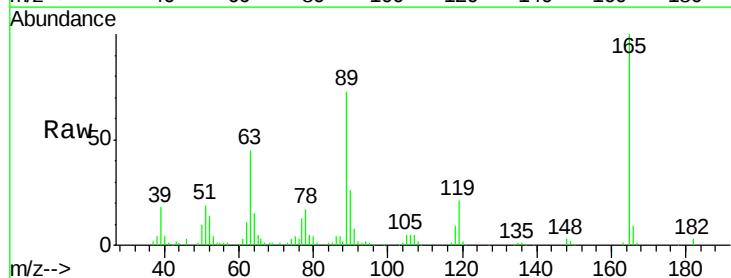


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BGC

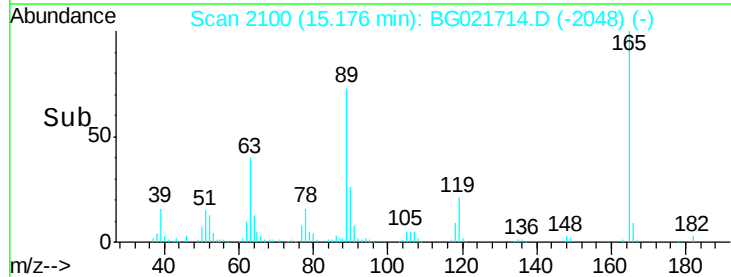
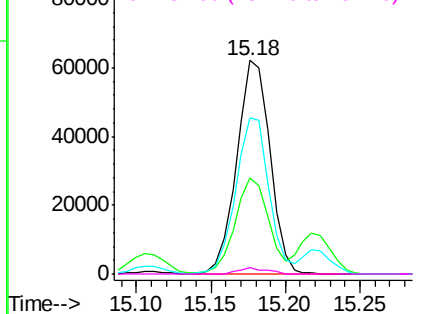


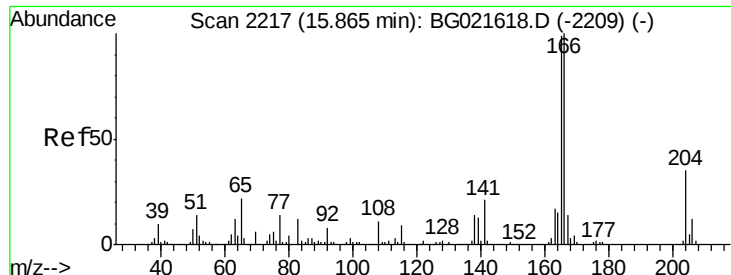
#56  
2,4-Dinitrotoluene  
Concen: 56.66 ng  
RT: 15.18 min Scan# 2100  
Delta R.T. 0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

Tgt Ion:165 Resp: 96244  
Ion Ratio Lower Upper  
165 100  
63 45.0 37.4 56.0  
89 73.1 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: 48.11 ng

RT: 15.86 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

Instrument :

BNA\_G

ClientSampleId :

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

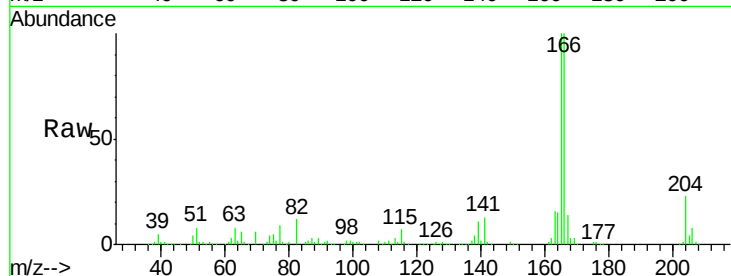
Tgt Ion:166 Resp: 294465

Ion Ratio Lower Upper

166 100

165 100.4 79.0 118.4

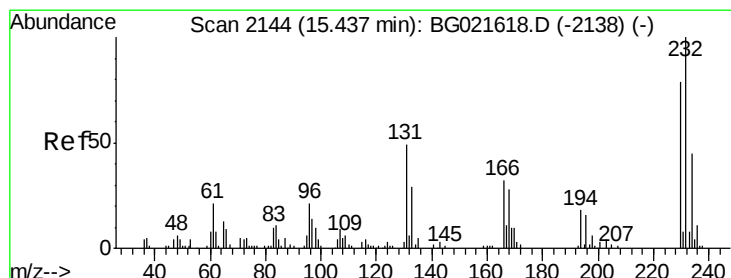
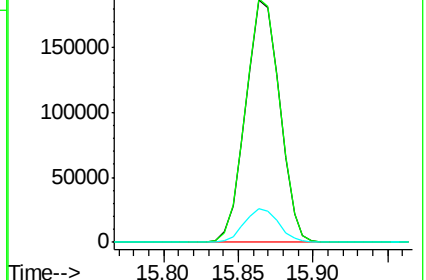
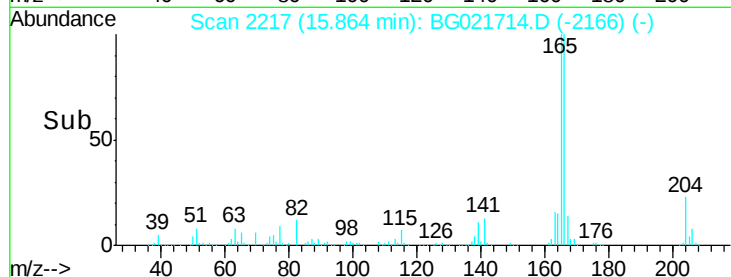
167 14.1 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 60.62 ng

RT: 15.44 min Scan# 2145

Delta R.T. 0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

Tgt Ion:232 Resp: 82460

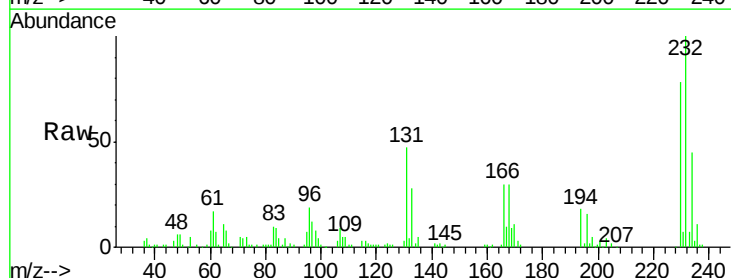
Ion Ratio Lower Upper

232 100

131 45.4 36.3 54.5

130 2.7 1.9 2.9

166 29.6 25.0 37.4

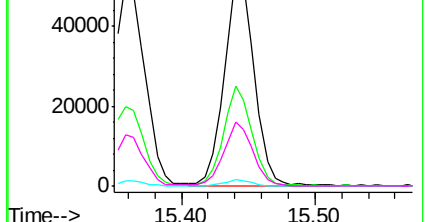
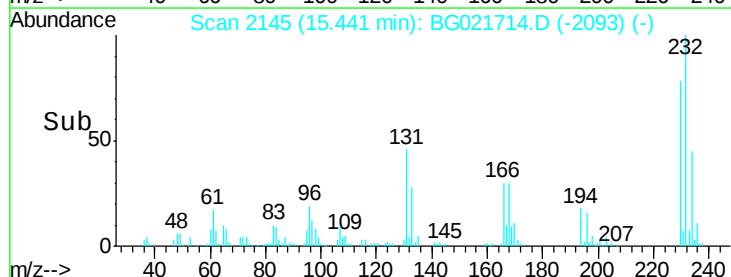


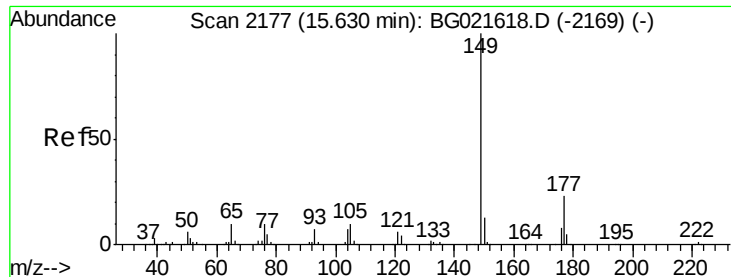
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

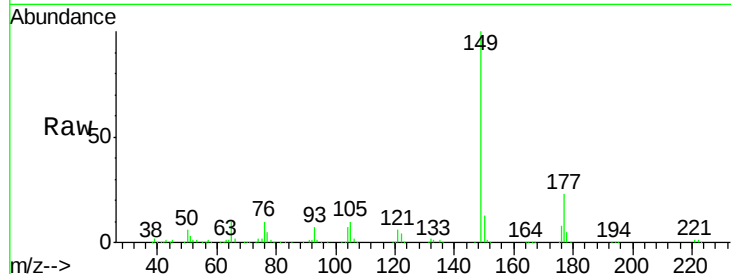




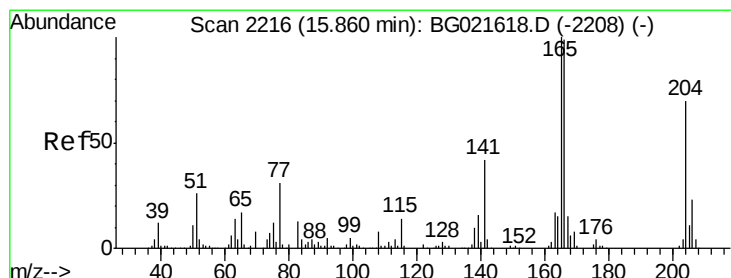
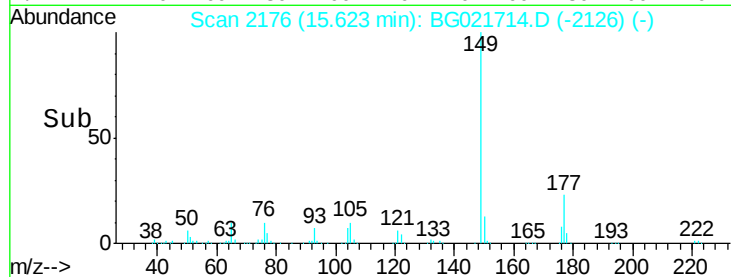
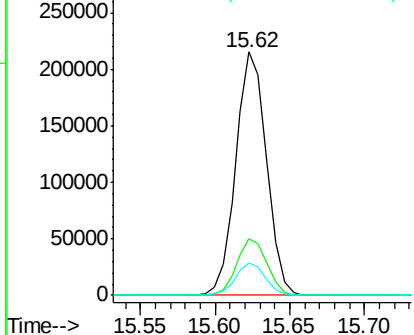
#59  
Diethylphthalate  
Concen: 44.53 ng  
RT: 15.62 min Scan# 2176  
Delta R.T. -0.01 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

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

Tgt Ion:149 Resp: 306371  
Ion Ratio Lower Upper  
149 100  
177 23.1 17.3 25.9  
150 13.2 9.7 14.5

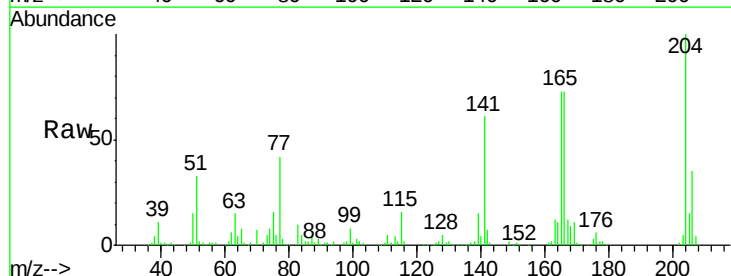


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

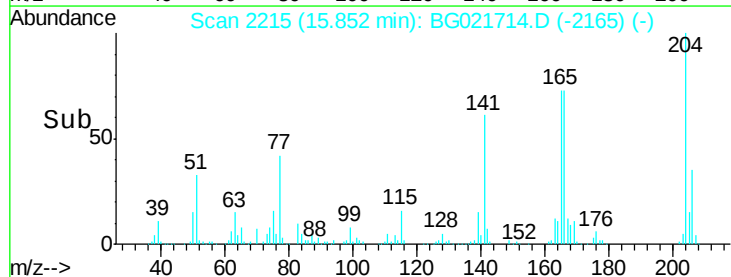
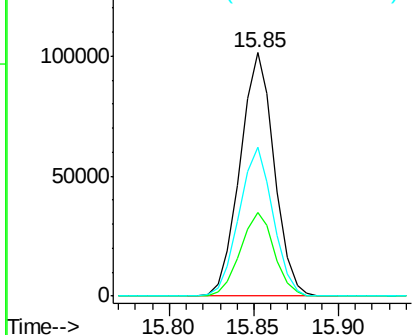


#60  
4-Chlorophenyl-phenylether  
Concen: 47.18 ng  
RT: 15.85 min Scan# 2215  
Delta R.T. -0.01 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

Tgt Ion:204 Resp: 142236  
Ion Ratio Lower Upper  
204 100  
206 34.6 27.8 41.8  
141 61.0 51.0 76.4



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

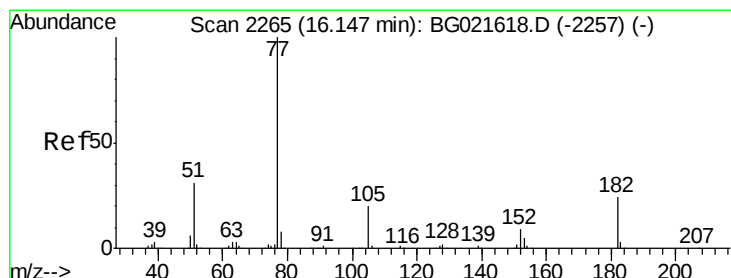
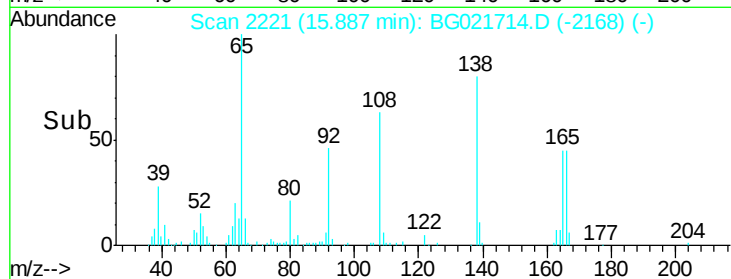
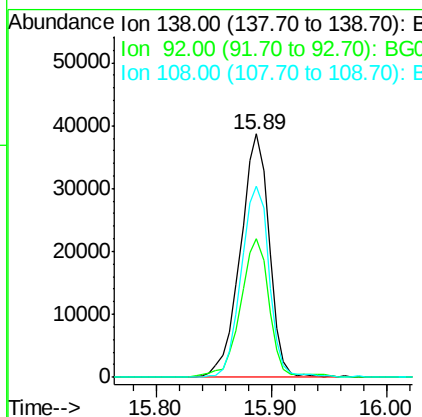
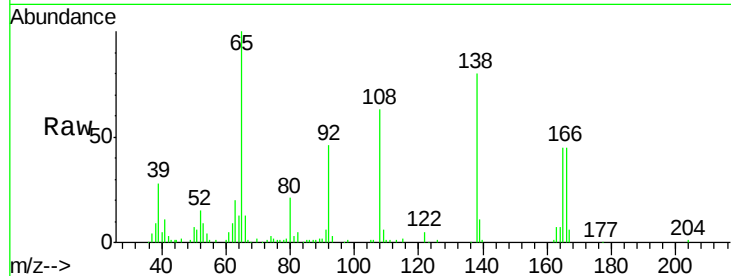




#61  
4-Nitroaniline  
Concen: 43.80 ng  
RT: 15.89 min Scan# 2221  
Delta R.T. 0.01 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

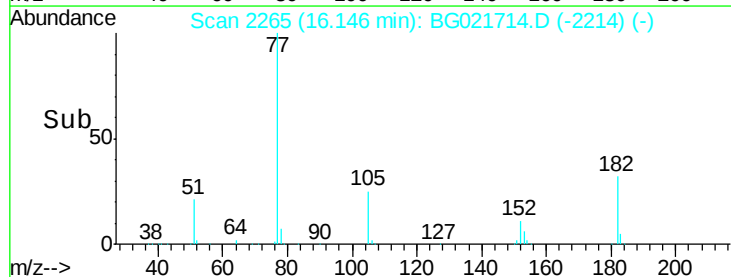
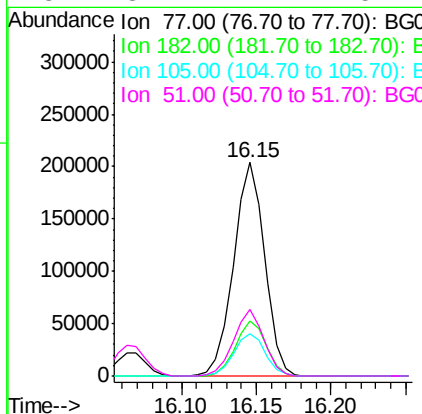
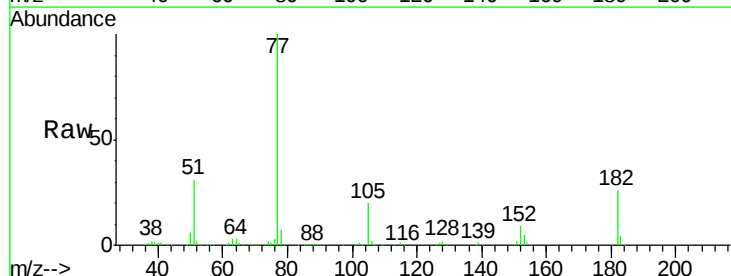
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

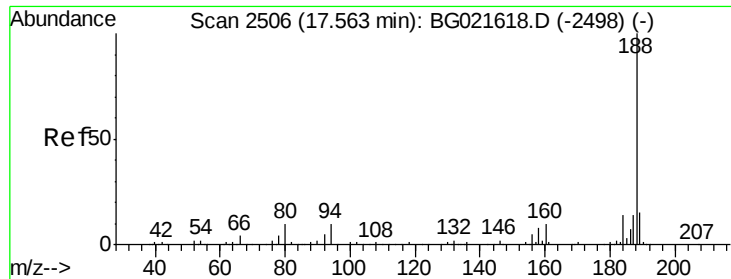
Tgt Ion: 138 Resp: 67176  
Ion Ratio Lower Upper  
138 100  
92 56.9 37.7 77.7  
108 78.6 59.4 99.4



#62  
Azobenzene  
Concen: 50.04 ng  
RT: 16.15 min Scan# 2265  
Delta R.T. -0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

Tgt Ion: 77 Resp: 295040  
Ion Ratio Lower Upper  
77 100  
182 25.6 4.1 44.1  
105 20.0 0.0 39.8  
51 31.4 11.1 51.1

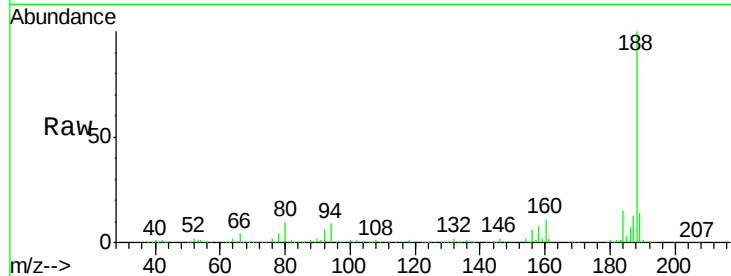




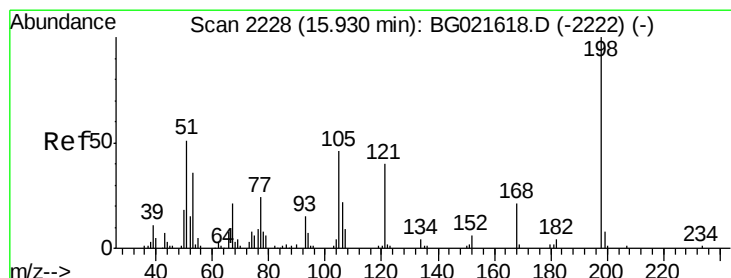
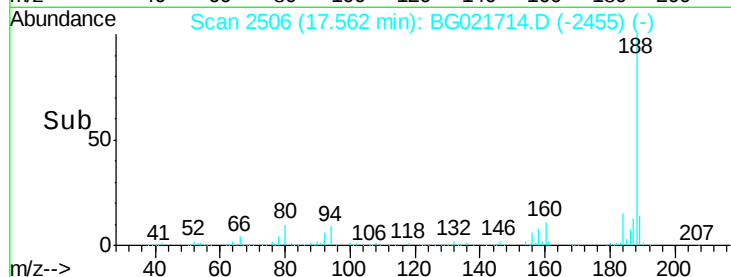
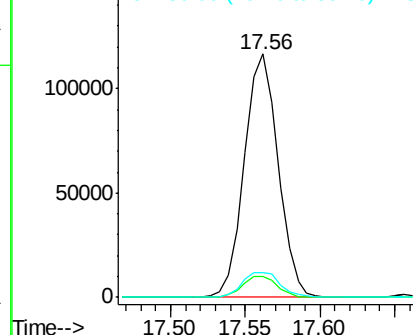
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.56 min Scan# 2506  
Delta R.T. -0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

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

Tgt Ion:188 Resp: 182526  
Ion Ratio Lower Upper  
188 100  
94 8.8 7.5 11.3  
80 10.2 8.6 13.0

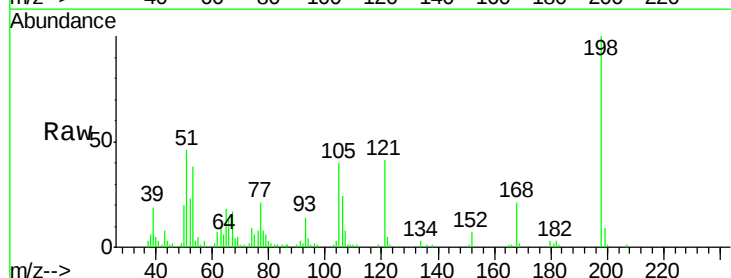


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BGC  
Ion 80.00 (79.70 to 80.70): BGC

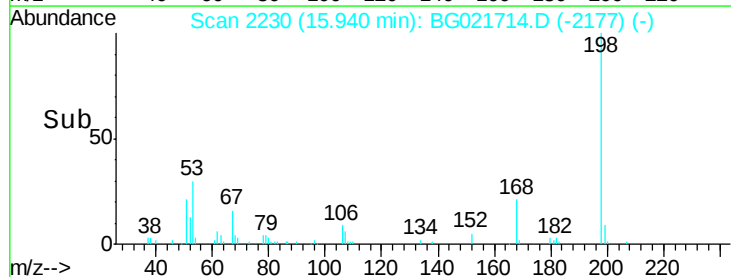
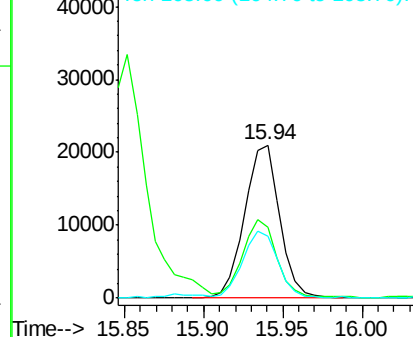


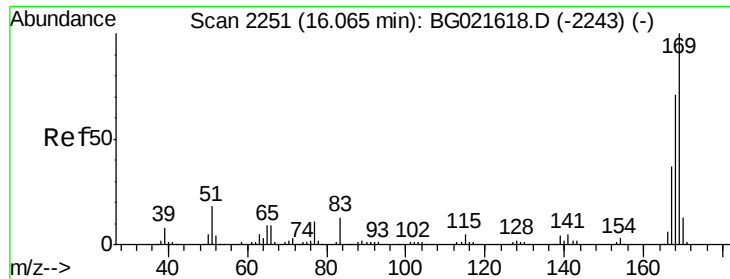
#64  
4,6-Dinitro-2-methylphenol  
Concen: 42.95 ng  
RT: 15.94 min Scan# 2230  
Delta R.T. 0.01 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

Tgt Ion:198 Resp: 32159  
Ion Ratio Lower Upper  
198 100  
51 46.4 29.2 69.2  
105 40.2 24.0 64.0



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

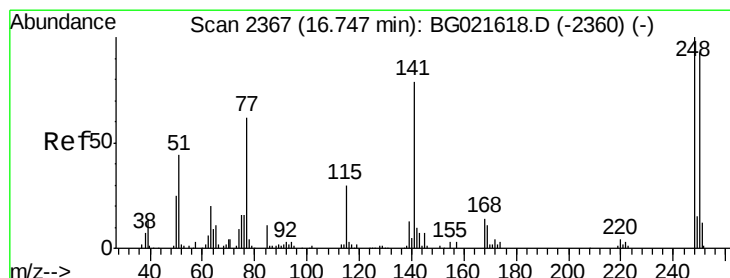
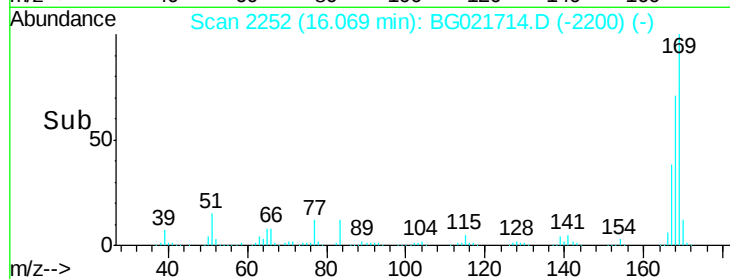
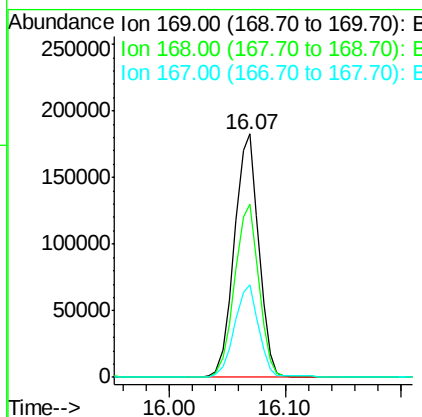
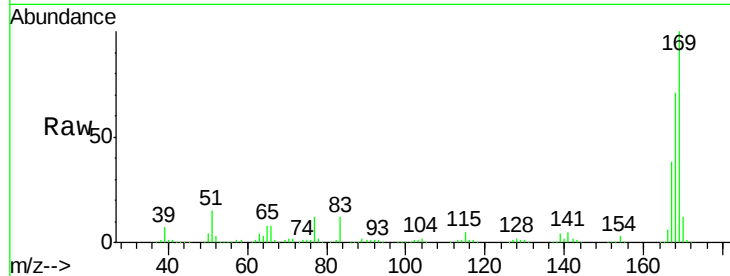




#65  
 n-Nitrosodiphenylamine  
 Concen: 48.69 ng  
 RT: 16.07 min Scan# 2252  
 Delta R.T. 0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

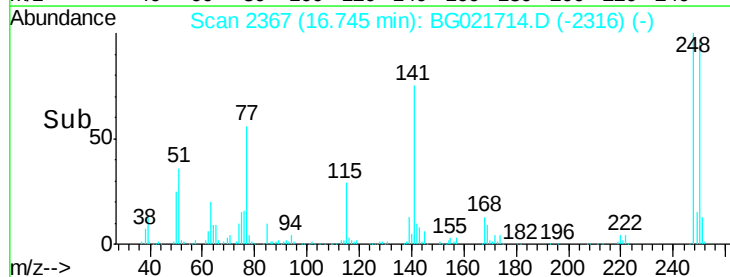
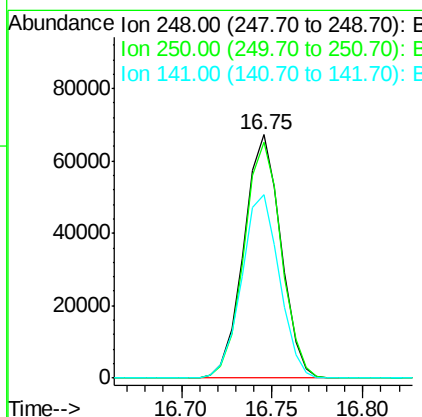
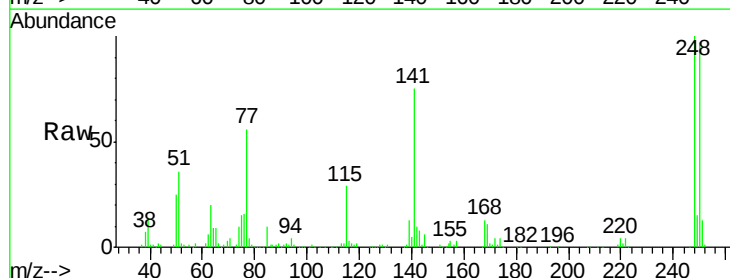
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

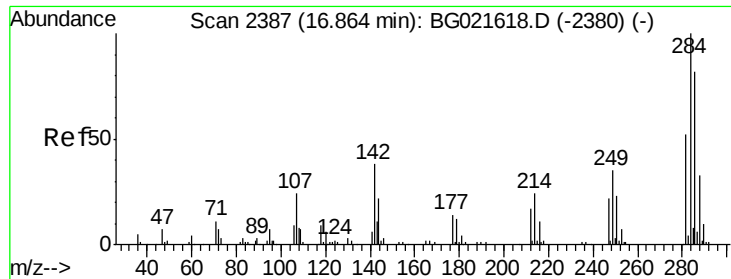
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 71.2  | 59.6  | 89.4  |
| 167     | 38.2  | 31.2  | 46.8  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 48.82 ng  
 RT: 16.75 min Scan# 2367  
 Delta R.T. -0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.9  | 76.6  | 114.8 |
| 141     | 75.3  | 63.8  | 95.6  |

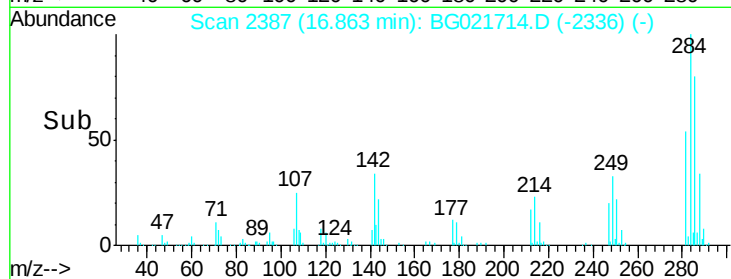
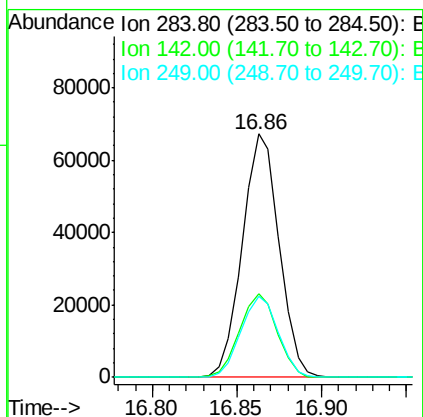
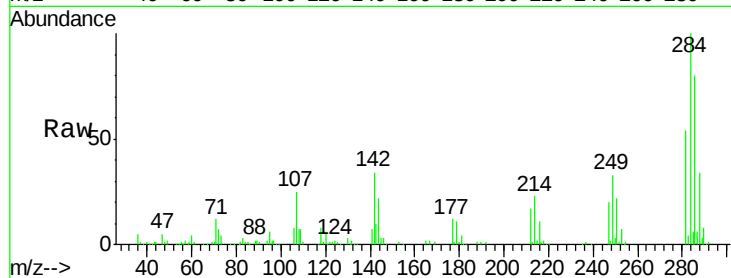




#67  
Hexachlorobenzene  
Concen: 49.41 ng  
RT: 16.86 min Scan# 2387  
Delta R.T. -0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

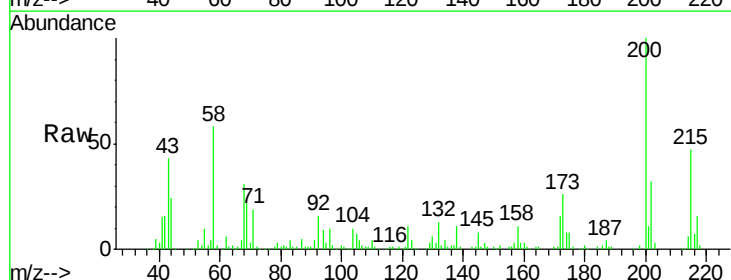
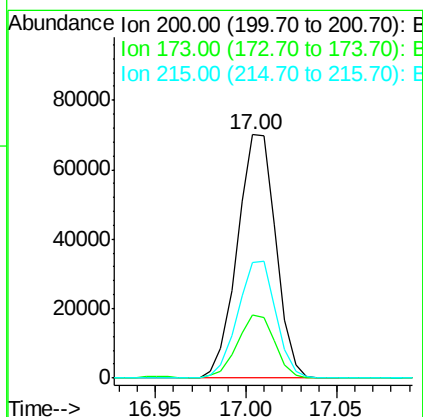
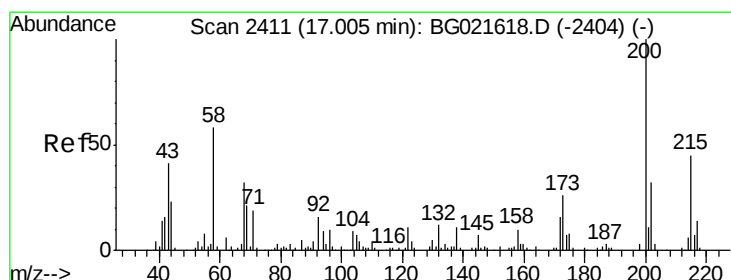
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

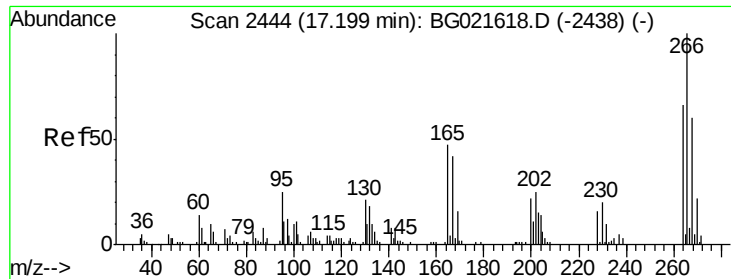
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.4  | 31.8  | 47.6  |
| 249     | 33.2  | 27.3  | 40.9  |



#68  
Atrazine  
Concen: 47.67 ng  
RT: 17.00 min Scan# 2411  
Delta R.T. -0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.8  | 5.1   | 45.1  |
| 215     | 47.4  | 28.0  | 68.0  |

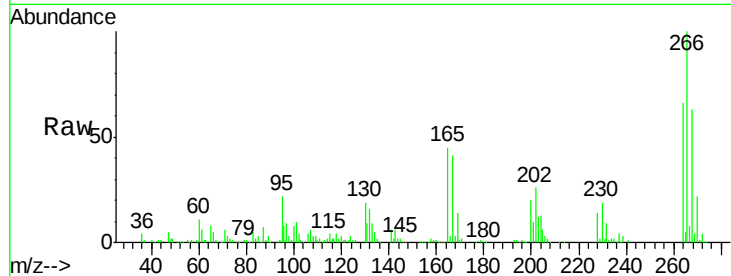




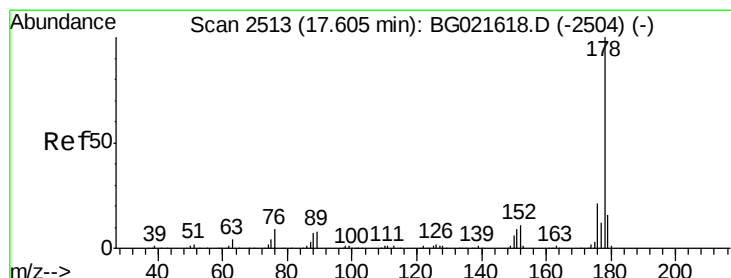
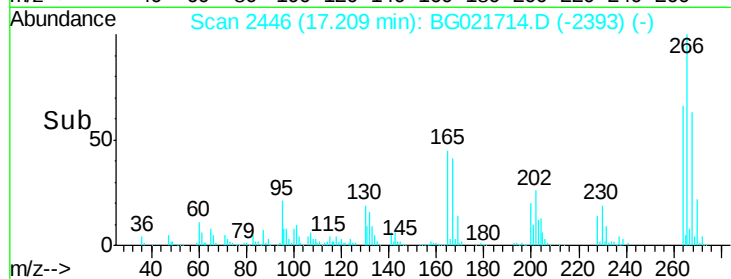
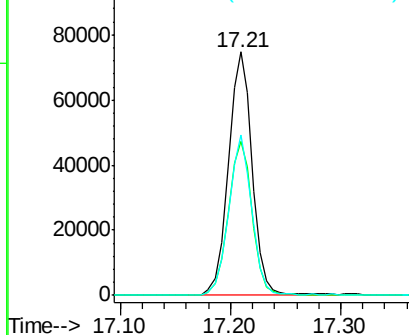
#69  
 Pentachlorophenol  
 Concen: 95.81 ng  
 RT: 17.21 min Scan# 2446  
 Delta R.T. 0.01 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

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

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 63.2  | 54.5  | 81.7  |
| 264     | 65.9  | 53.8  | 80.6  |

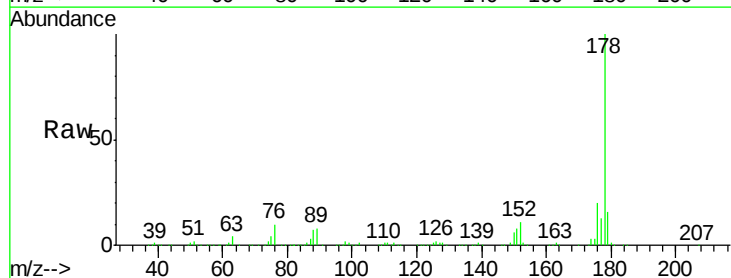


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

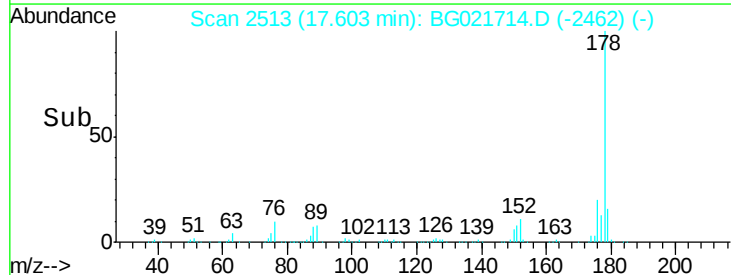
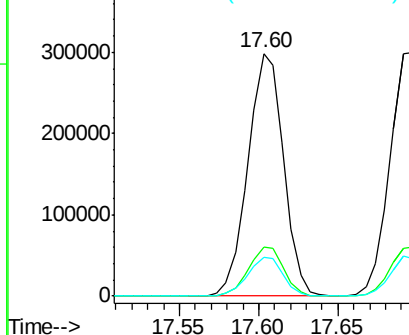


#70  
 Phenanthrene  
 Concen: 46.32 ng  
 RT: 17.60 min Scan# 2513  
 Delta R.T. -0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.4  | 16.2  | 24.4  |
| 179     | 15.9  | 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

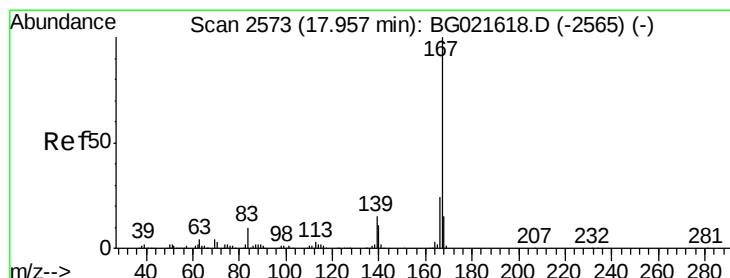
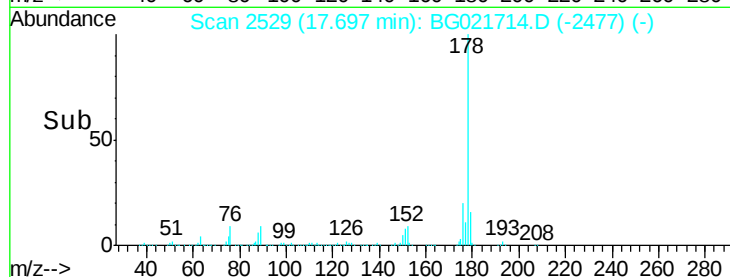
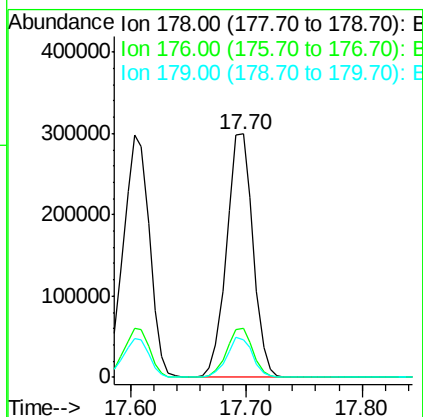
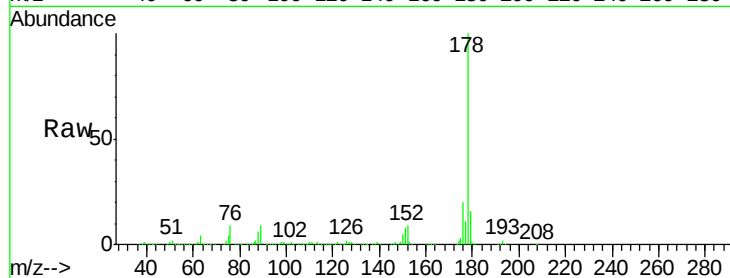




#71  
 Anthracene  
 Concen: 46.44 ng  
 RT: 17.70 min Scan# 2529  
 Delta R.T. 0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

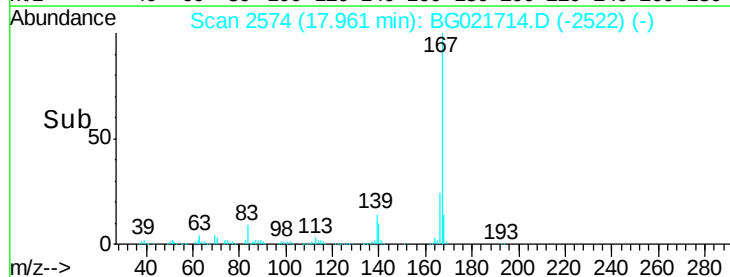
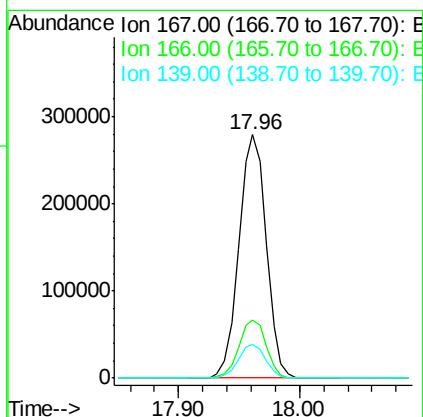
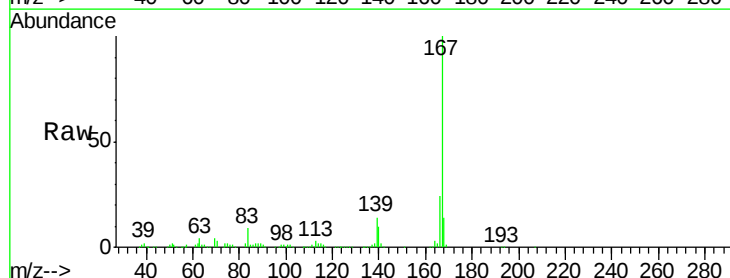
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

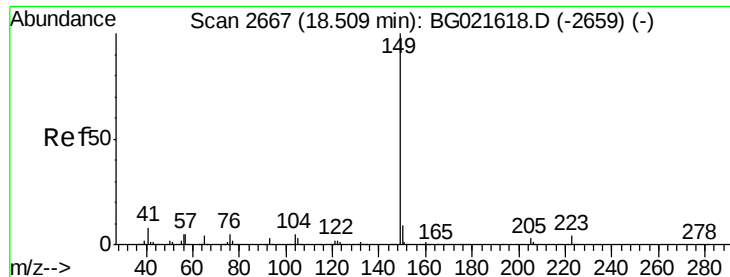
Tgt Ion:178 Resp: 474258  
 Ion Ratio Lower Upper  
 178 100  
 176 20.0 15.0 22.4  
 179 15.6 12.2 18.4



#72  
 Carbazole  
 Concen: 46.20 ng  
 RT: 17.96 min Scan# 2574  
 Delta R.T. 0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

Tgt Ion:167 Resp: 440357  
 Ion Ratio Lower Upper  
 167 100  
 166 23.9 18.6 27.8  
 139 13.9 10.6 15.8

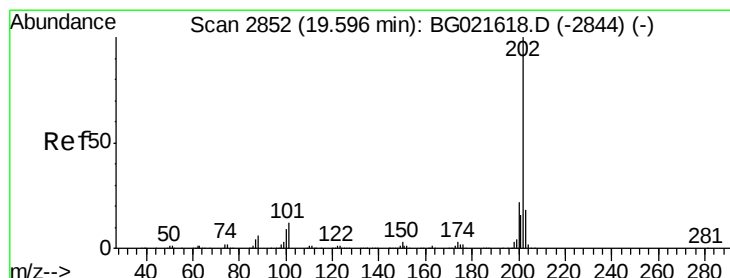
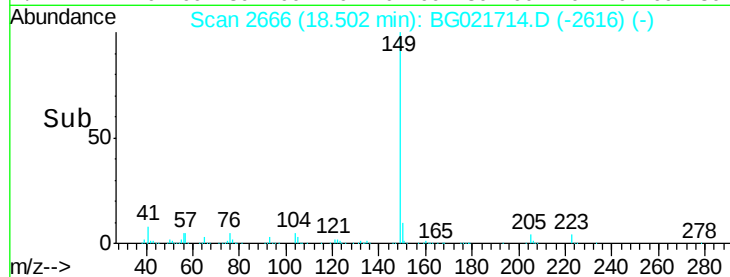
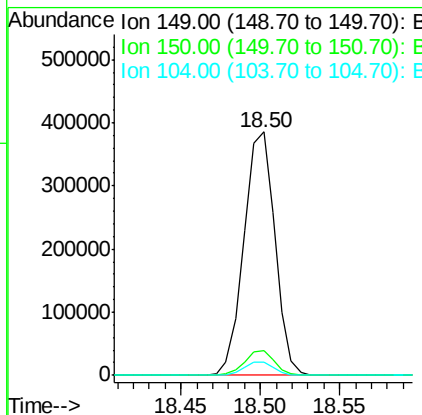
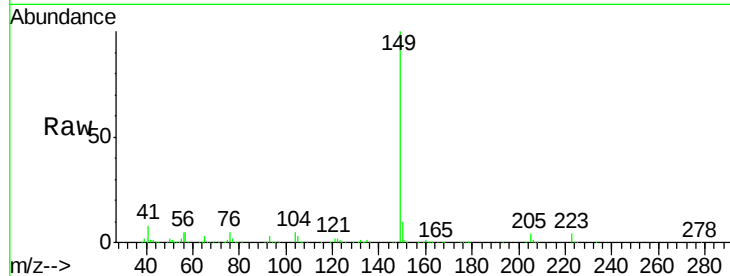




#73  
Di-n-butylphthalate  
Concen: 43.17 ng  
RT: 18.50 min Scan# 2666  
Delta R.T. -0.01 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

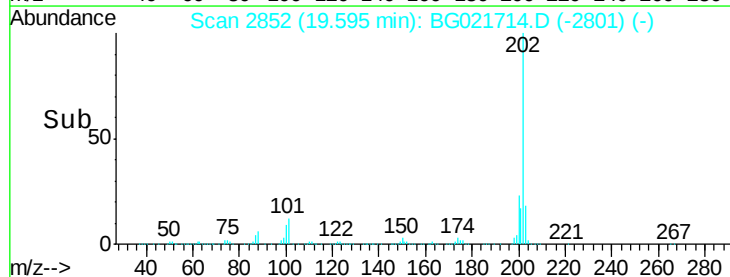
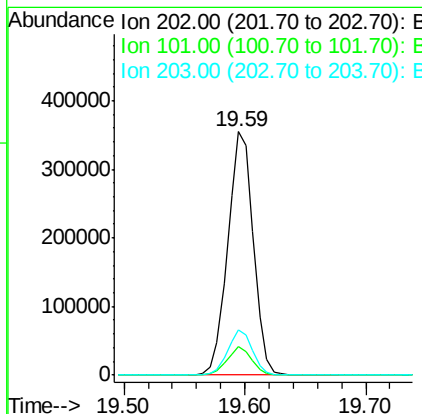
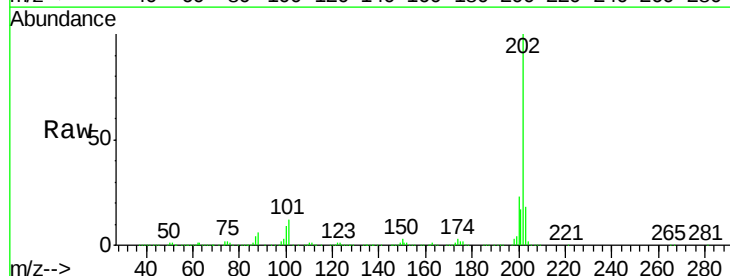
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

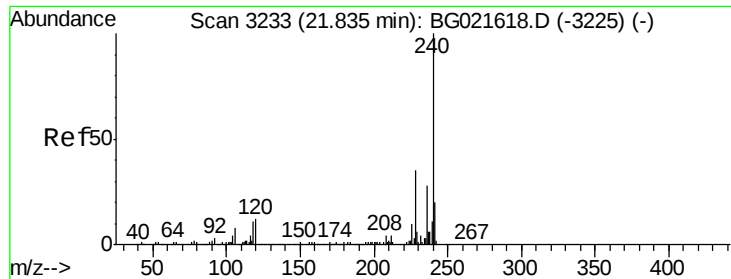
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 10.0  | 7.4   | 11.0  |
| 104     | 5.4   | 4.0   | 6.0   |



#74  
Fluoranthene  
Concen: 43.21 ng  
RT: 19.59 min Scan# 2852  
Delta R.T. -0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.6  | 0.0   | 31.0  |
| 203     | 18.3  | 0.0   | 37.9  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.83 min Scan# 3233

Delta R.T. -0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

Instrument :

BNA\_G

ClientSampleId :

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

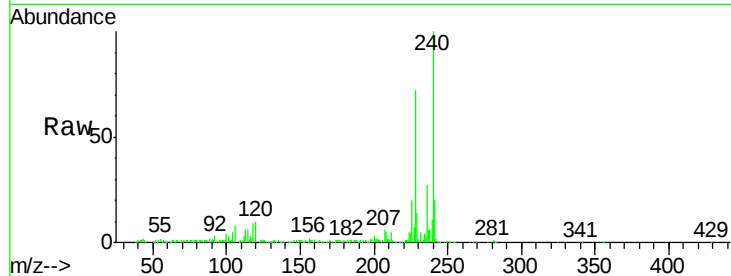
Tgt Ion:240 Resp: 194876

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

236 26.8 19.6 29.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

150000

100000

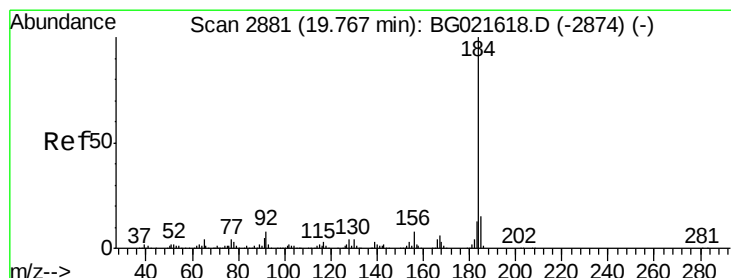
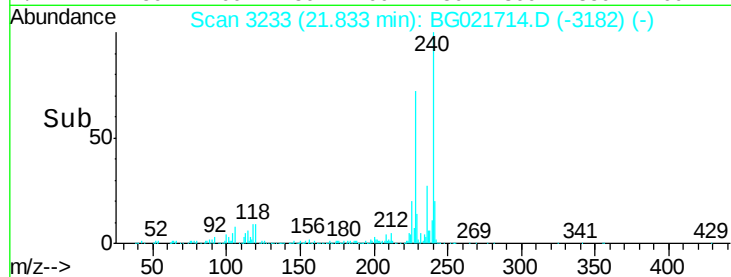
50000

0

21.83

21.80 21.90

Time-->



#76

Benzidine

Concen: 33.54 ng

RT: 19.77 min Scan# 2882

Delta R.T. 0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

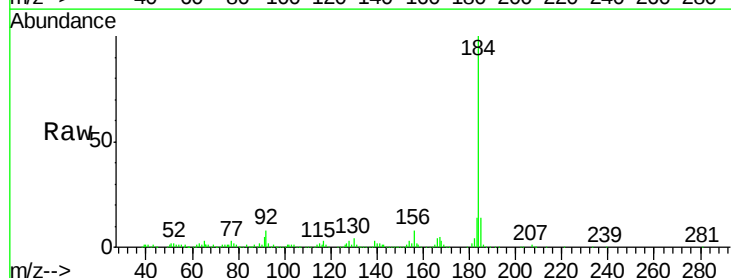
Tgt Ion:184 Resp: 203515

Ion Ratio Lower Upper

184 100

185 13.8 11.5 17.3

183 13.5 10.2 15.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

150000

100000

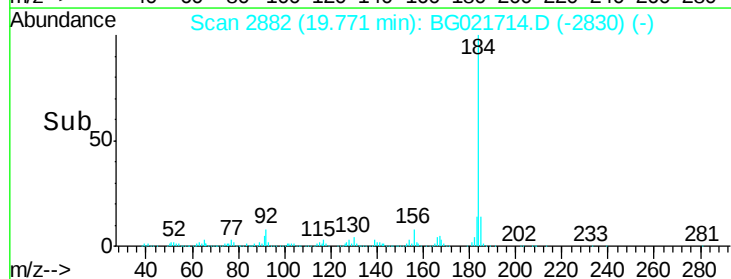
50000

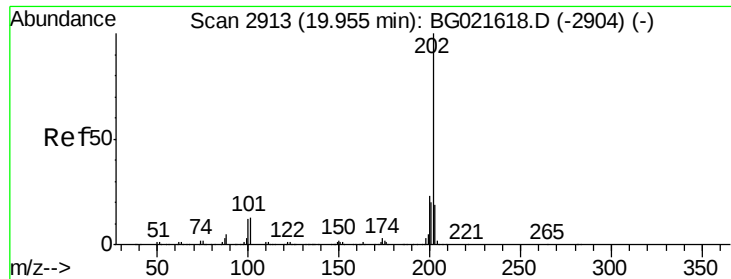
0

19.77

19.70 19.80

Time-->

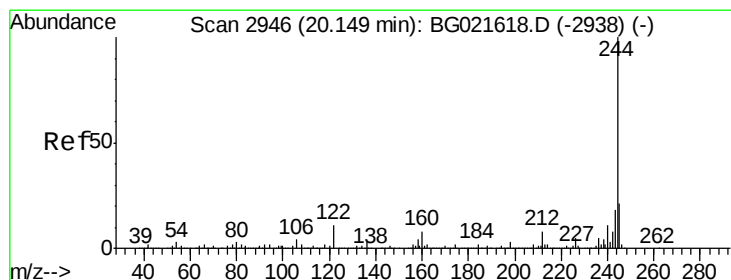
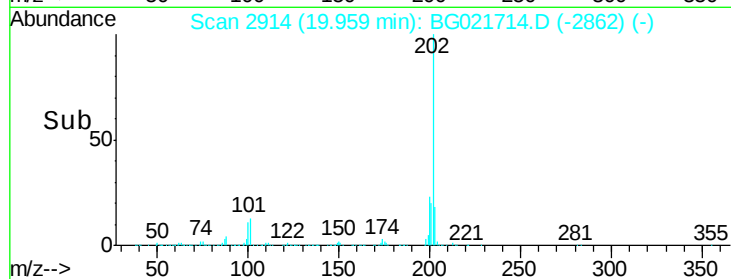
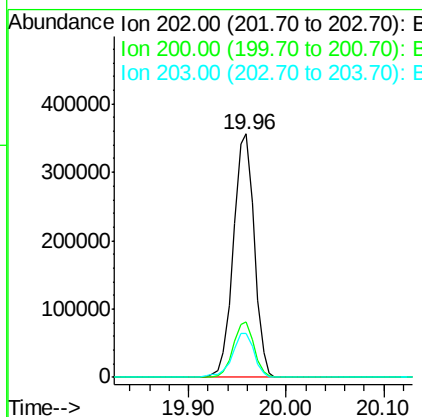
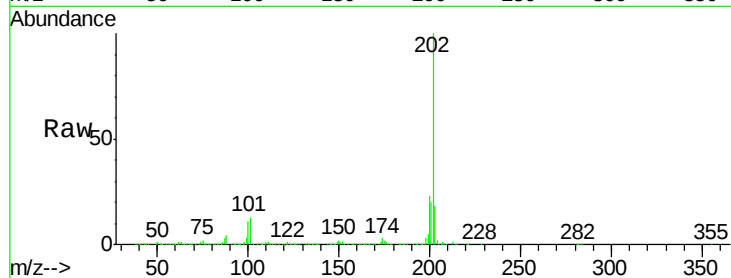




#77  
 Pyrene  
 Concen: 47.06 ng  
 RT: 19.96 min Scan# 2914  
 Delta R.T. 0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

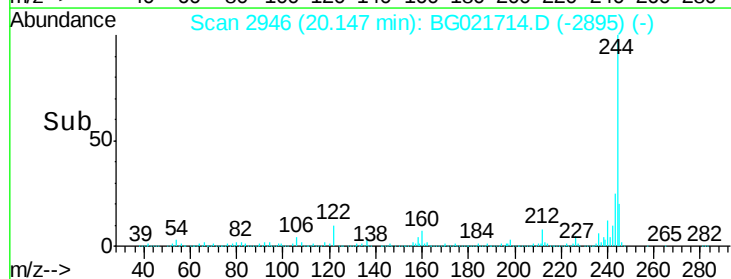
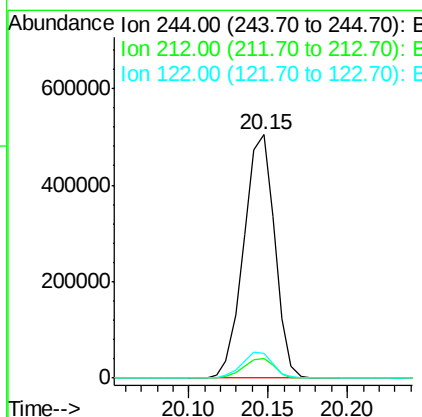
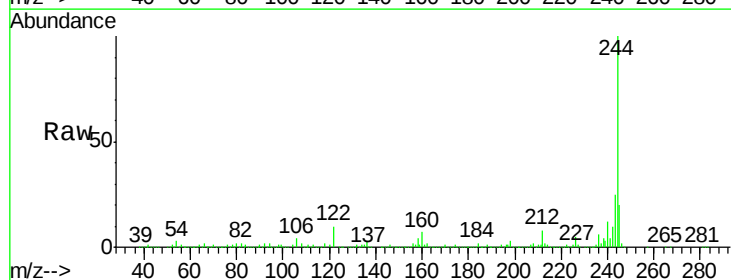
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

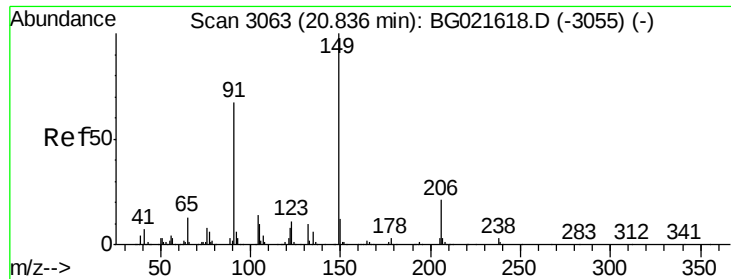
Tgt Ion:202 Resp: 528770  
 Ion Ratio Lower Upper  
 202 100  
 200 23.0 18.2 27.2  
 203 18.0 15.0 22.4



#78  
 Terphenyl-d14  
 Concen: 87.73 ng  
 RT: 20.15 min Scan# 2946  
 Delta R.T. -0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

Tgt Ion:244 Resp: 685152  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.5 9.7  
 122 10.1 8.6 12.8

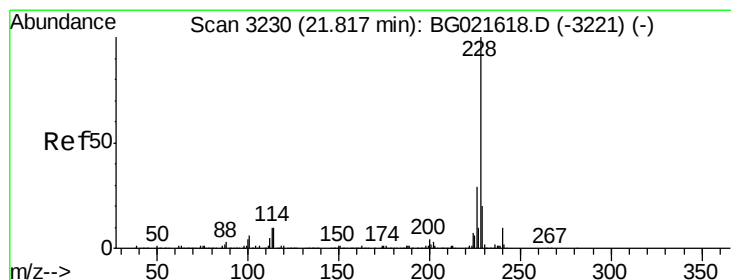
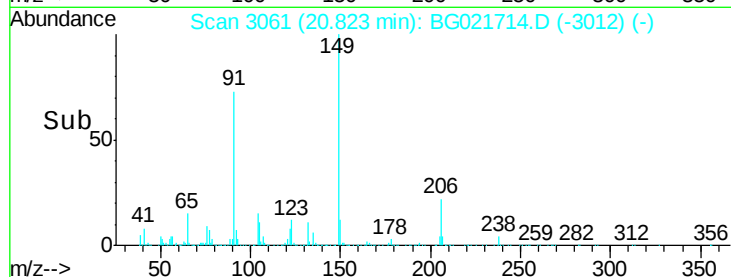
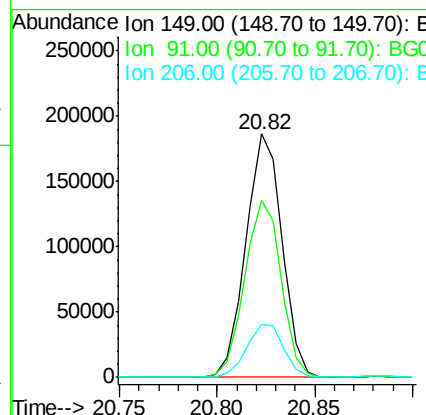
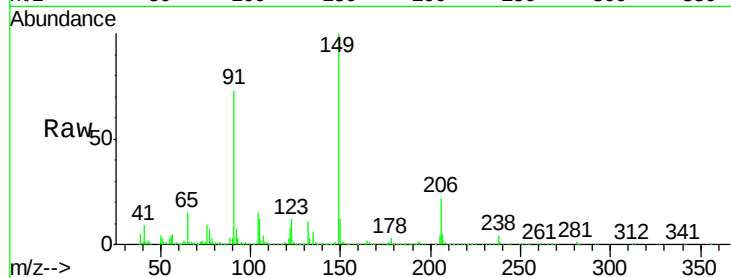




#79  
Butylbenzylphthalate  
Concen: 45.65 ng  
RT: 20.82 min Scan# 3061  
Delta R.T. -0.01 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

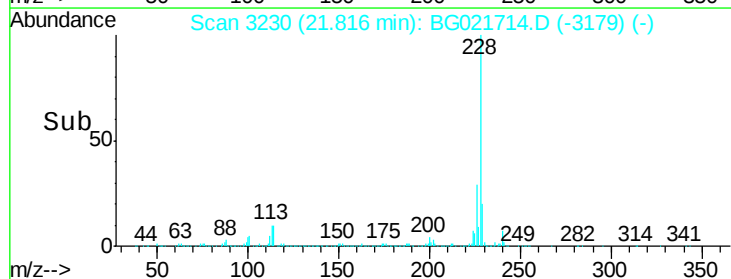
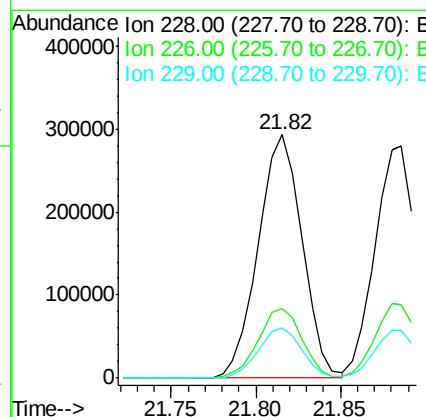
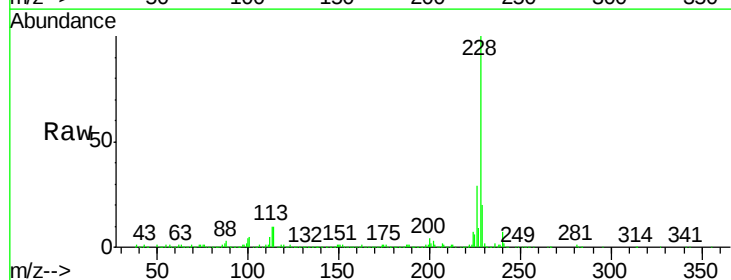
Instrument :  
BNA\_G  
ClientSampleId :  
FB-BWR-BB-R09-CS-1(0-32FTBGS)

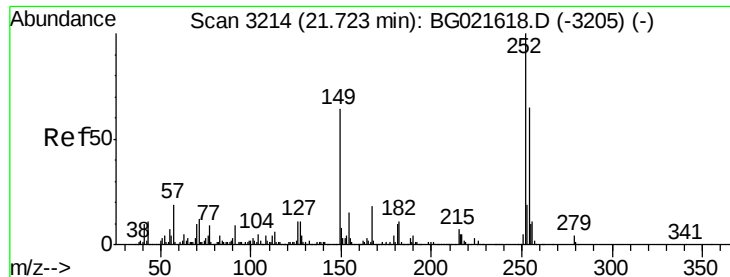
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 72.9  | 57.8  | 86.8  |
| 206     | 21.6  | 17.0  | 25.4  |



#80  
Benzo(a)anthracene  
Concen: 47.01 ng  
RT: 21.82 min Scan# 3230  
Delta R.T. -0.00 min  
Lab File: BG021714.D  
Acq: 16 Apr 2016 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.6  | 22.6  | 34.0  |
| 229     | 20.5  | 16.1  | 24.1  |

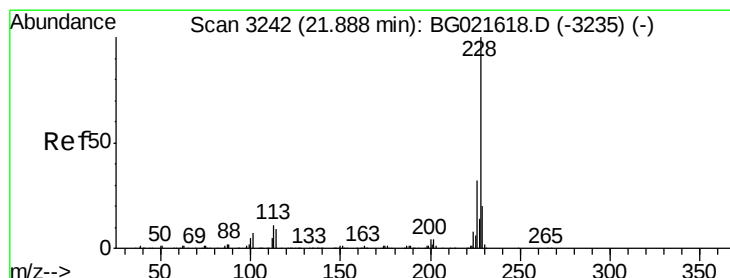
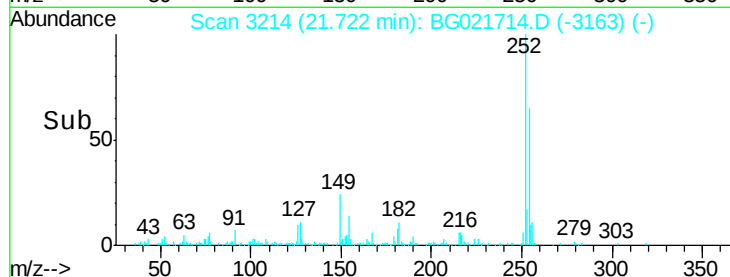
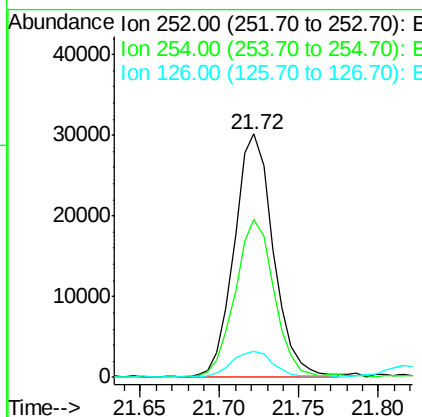
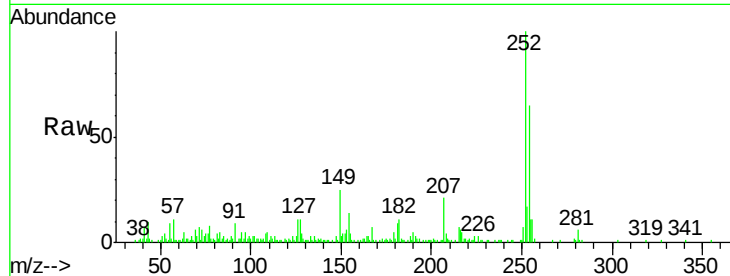




#81  
 3,3'-Dichlorobenzidine  
 Concen: 5.84 ng  
 RT: 21.72 min Scan# 3214  
 Delta R.T. -0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

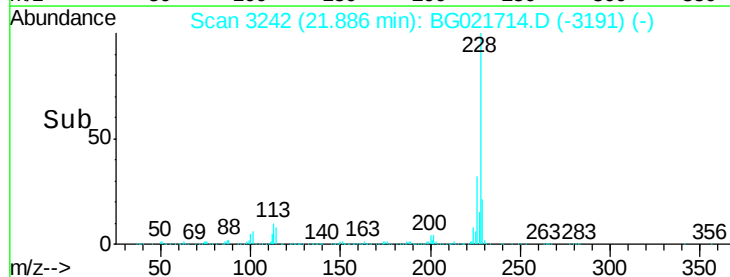
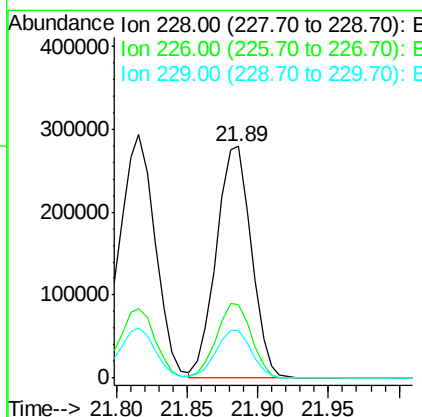
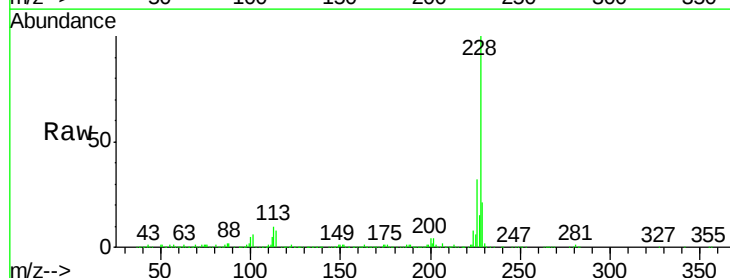
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

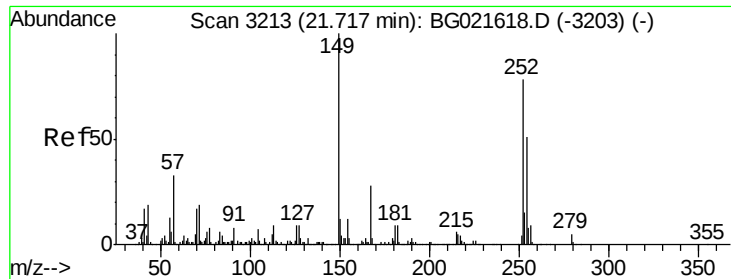
Tgt Ion:252 Resp: 51858  
 Ion Ratio Lower Upper  
 252 100  
 254 64.9 51.8 77.6  
 126 10.8 8.8 13.2



#82  
 Chrysene  
 Concen: 44.73 ng  
 RT: 21.89 min Scan# 3242  
 Delta R.T. -0.00 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

Tgt Ion:228 Resp: 481959  
 Ion Ratio Lower Upper  
 228 100  
 226 31.9 25.4 38.0  
 229 20.7 15.9 23.9

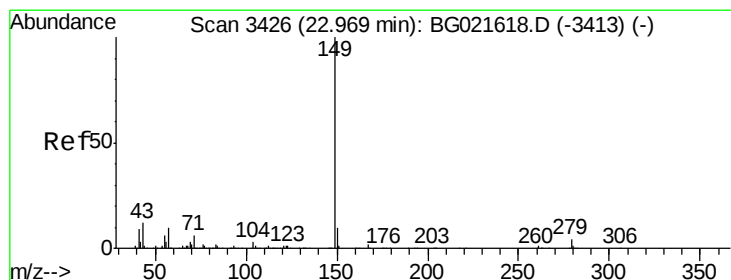
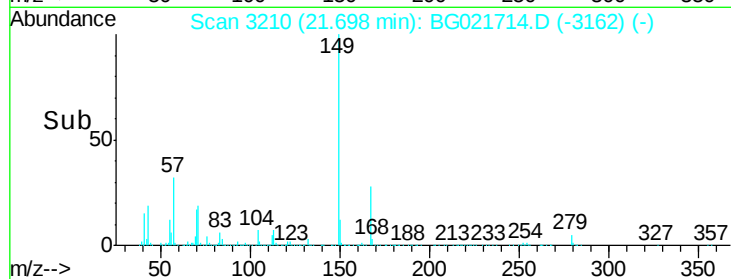
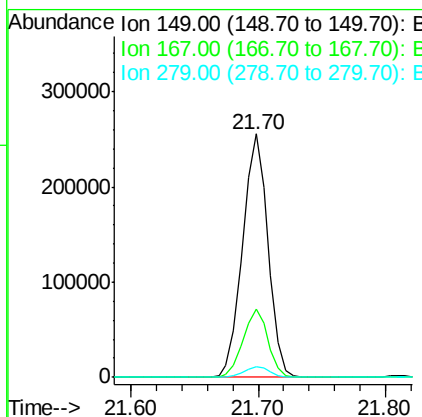
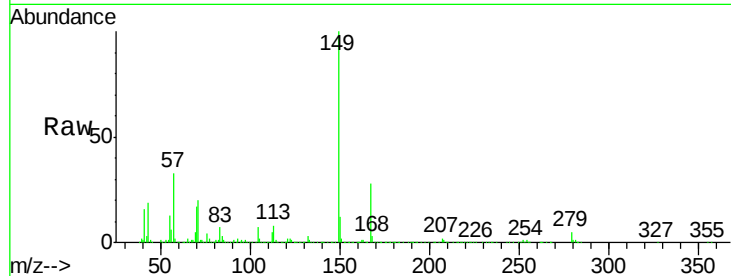




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 46.10 ng  
 RT: 21.70 min Scan# 3210  
 Delta R.T. -0.02 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

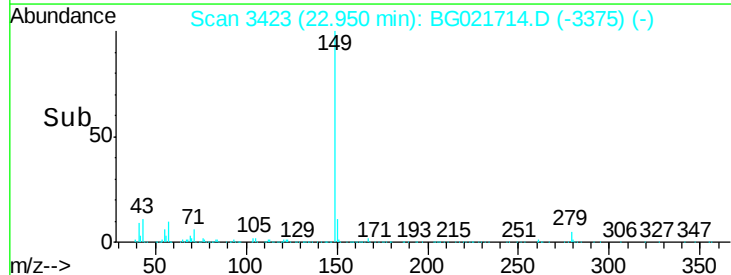
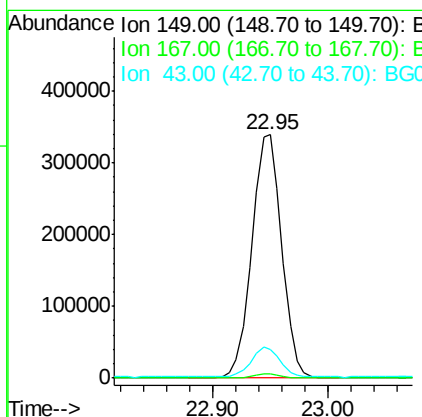
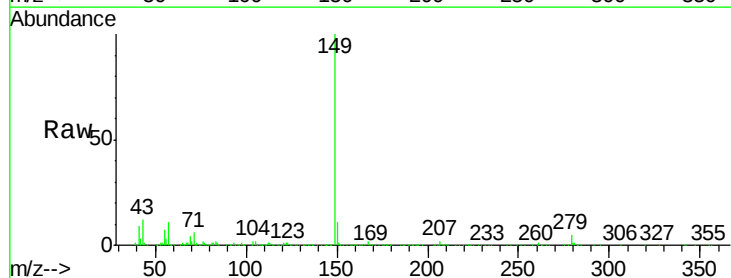
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FB-BWR-BB-R09-CS-1(0-32FTBGS)

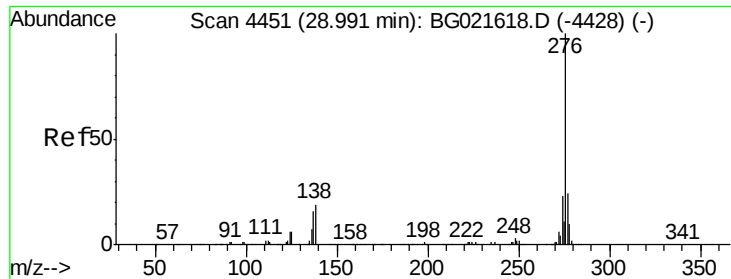
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 28.0  | 22.4  | 33.6  |
| 279     | 4.6   | 3.2   | 4.8   |



#84  
 Di-n-octyl phthalate  
 Concen: 47.58 ng  
 RT: 22.95 min Scan# 3423  
 Delta R.T. -0.02 min  
 Lab File: BG021714.D  
 Acq: 16 Apr 2016 12:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 167     | 1.7   | 1.3   | 1.9   |
| 43      | 12.2  | 9.8   | 14.6  |





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.14 ng

RT: 29.00 min Scan# 4453

Delta R.T. 0.01 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

Instrument :

BNA\_G

ClientSampleId :

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

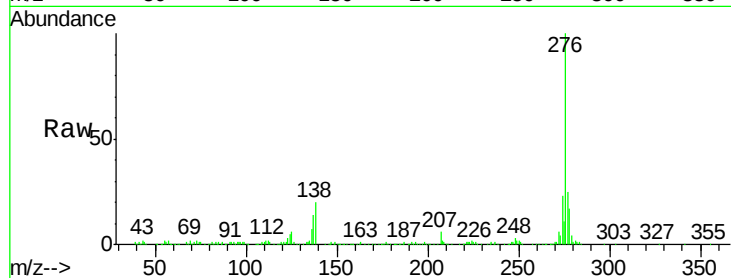
Tgt Ion:276 Resp: 603795

Ion Ratio Lower Upper

276 100

138 22.3 14.0 21.0#

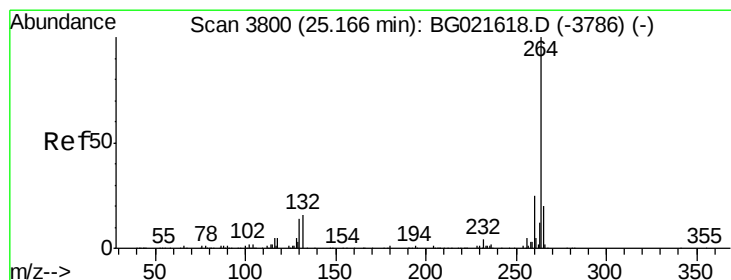
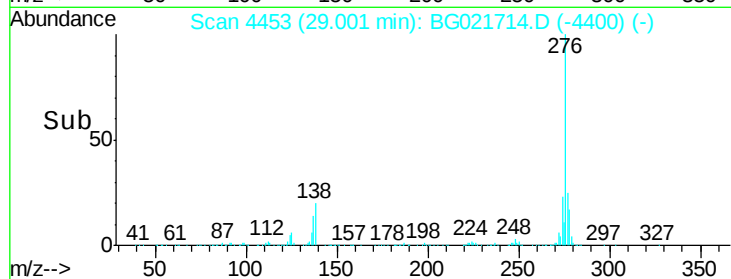
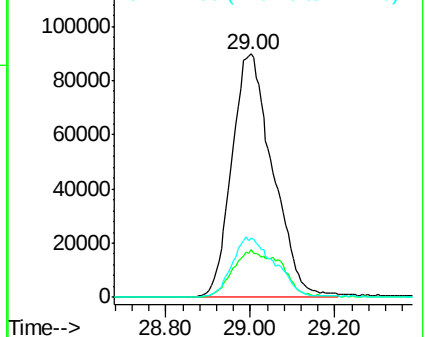
277 26.0 20.6 30.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.17 min Scan# 3801

Delta R.T. 0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

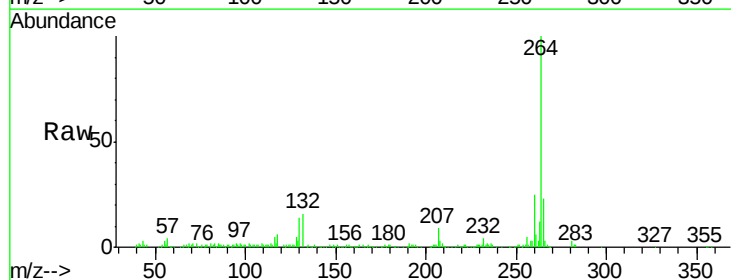
Tgt Ion:264 Resp: 194772

Ion Ratio Lower Upper

264 100

260 25.2 20.2 30.4

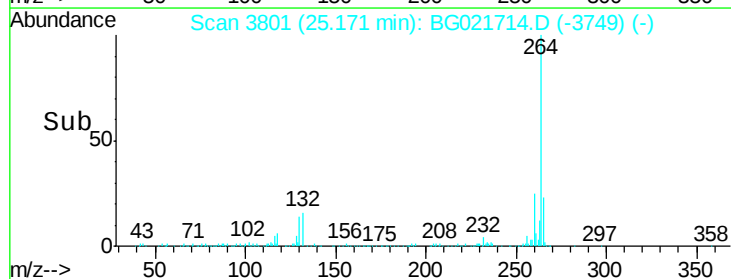
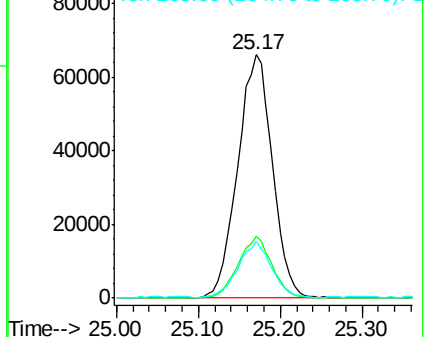
265 23.1 17.8 26.8

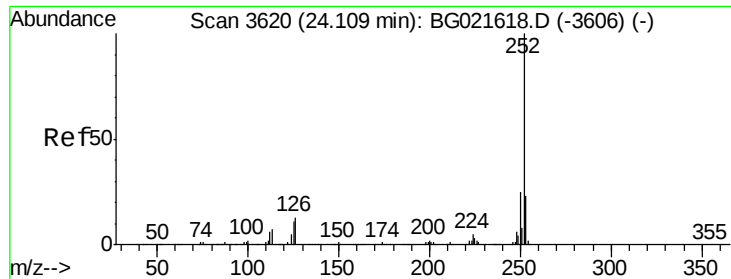


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 46.55 ng

RT: 24.11 min Scan# 3620

Delta R.T. -0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

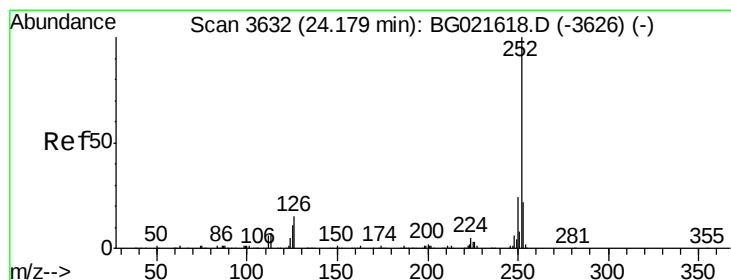
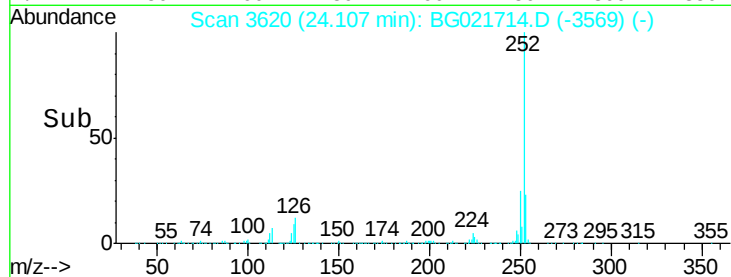
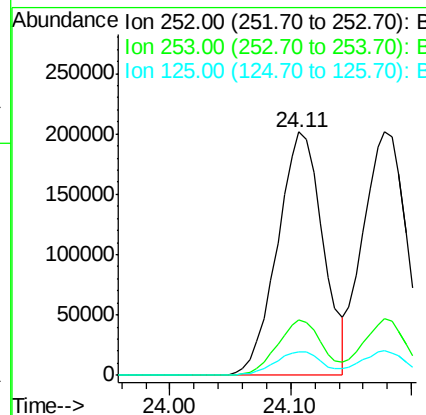
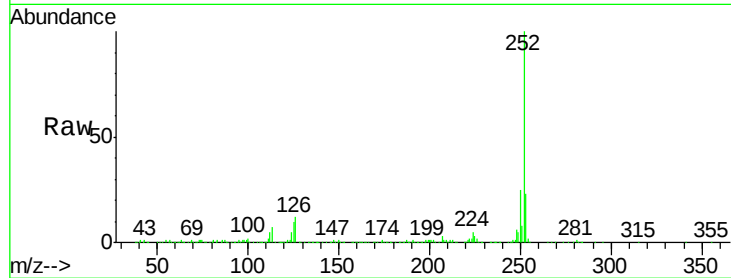
Instrument :

BNA\_G

ClientSampleId :

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

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 526056 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 22.6  | 17.5  | 26.3   |
| 125      | 9.7   | 8.6   | 13.0   |



#88

Benzo(k)fluoranthene

Concen: 45.43 ng

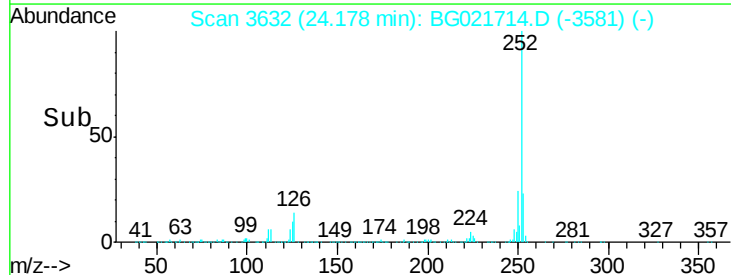
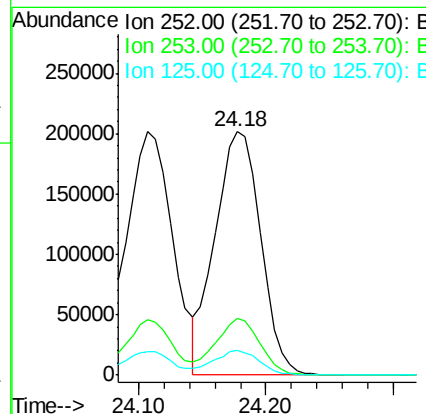
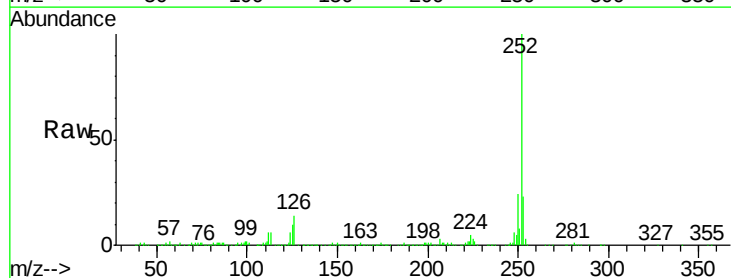
RT: 24.18 min Scan# 3632

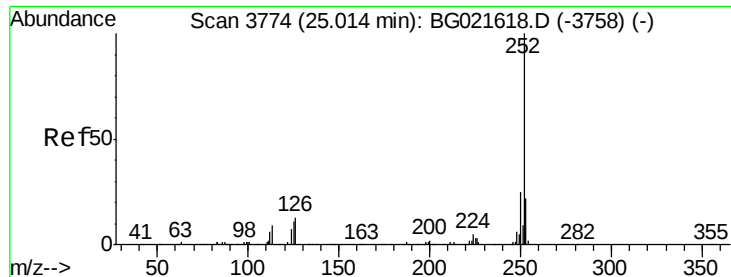
Delta R.T. -0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 501996 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 23.1  | 17.8  | 26.8   |
| 125      | 10.4  | 8.3   | 12.5   |





#89

Benzo(a)pyrene

Concen: 46.31 ng

RT: 25.02 min Scan# 3775

Delta R.T. 0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

Instrument :

BNA\_G

ClientSampleId :

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

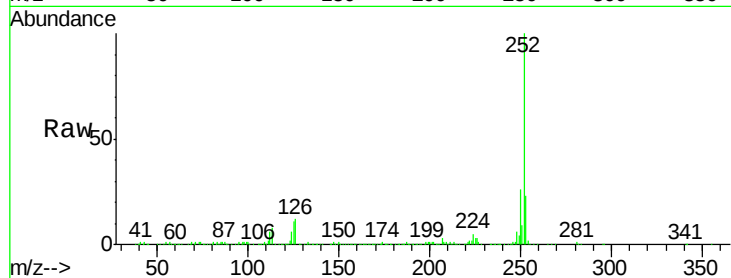
Tgt Ion:252 Resp: 507042

Ion Ratio Lower Upper

252 100

253 22.9 17.1 25.7

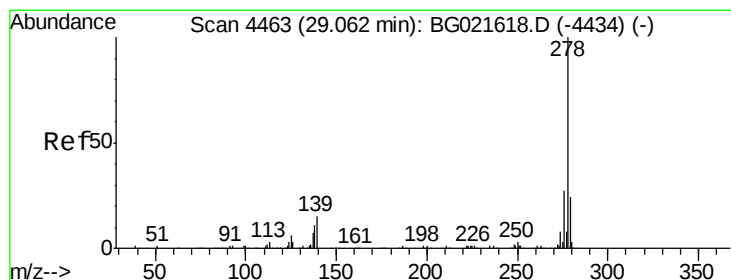
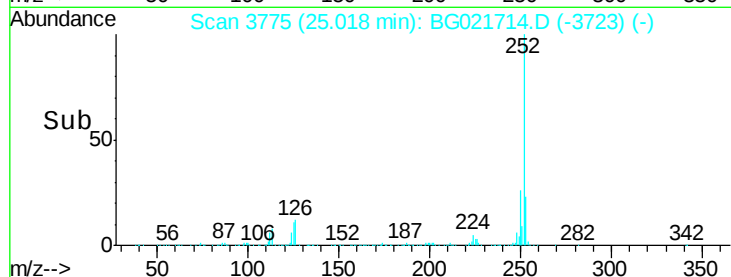
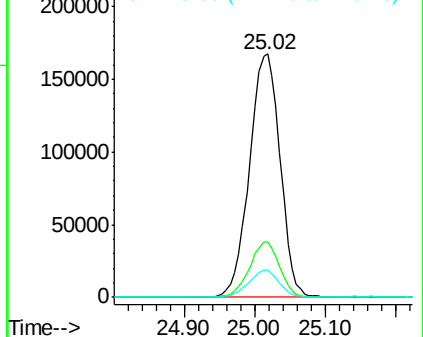
125 11.2 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.50 ng

RT: 29.07 min Scan# 4464

Delta R.T. 0.00 min

Lab File: BG021714.D

Acq: 16 Apr 2016 12:43

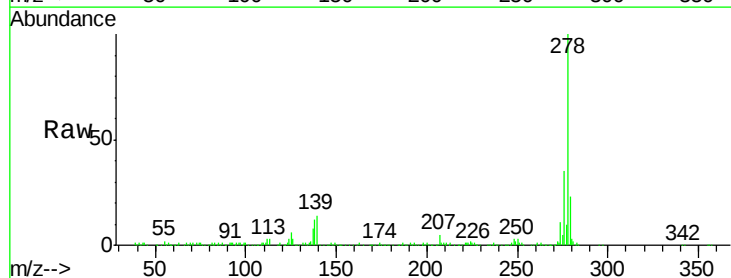
Tgt Ion:278 Resp: 510507

Ion Ratio Lower Upper

278 100

139 14.3 11.9 17.9

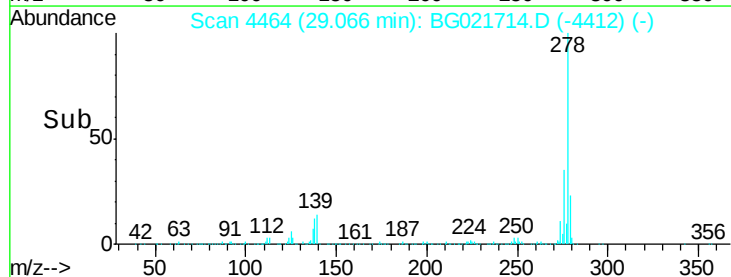
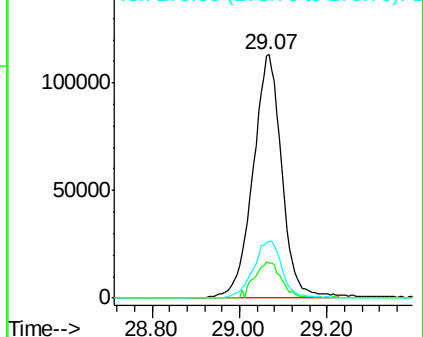
279 23.2 18.2 27.2

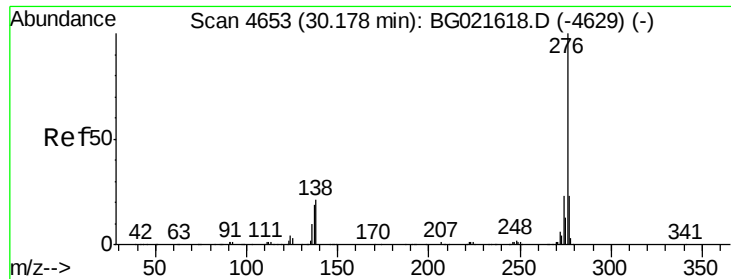


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 44.82 ng

RT: 30.20 min Scan# 4657

Delta R.T. 0.02 min

Lab File: BG021714.D

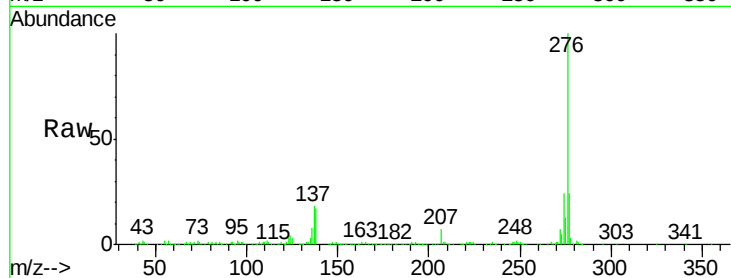
Acq: 16 Apr 2016 12:43

Instrument :

BNA\_G

ClientSampleId :

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



Tgt Ion: 276 Resp: 482844

Ion Ratio Lower Upper

276 100

277 23.8 19.4 29.2

138 17.4 17.4 26.0

