

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062816\  
 Data File : BG022671.D  
 Acq On : 28 Jun 2016 11:46  
 Operator : UM/SJ  
 Sample : PB91613BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jun 28 13:46:50 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 24 20:14:59 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.16  | 152  | 115545   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.99 | 136  | 485037   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.79 | 164  | 365375   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.55 | 188  | 974081   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.85 | 240  | 1116667  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 25.21 | 264  | 1086954  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.71  | 112 | 1008059 | 139.93 | ng | 0.00 |
| 7) Phenol-d6             | 7.31  | 99  | 1490426 | 146.78 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.33  | 82  | 1018971 | 88.91  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.29 | 330 | 844976  | 147.03 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.42 | 172 | 2051612 | 89.05  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.15 | 244 | 3161714 | 75.01  | ng | 0.00 |

## Target Compounds

|                                |       |     |       |      |    | Qvalue |
|--------------------------------|-------|-----|-------|------|----|--------|
| 2) 1,4-Dioxane                 | 3.62  | 88  | 354   | 0.12 | ng | # 1    |
| 3) Pyridine                    | 4.01  | 79  | 157   | 0.02 | ng | # 23   |
| 4) n-Nitrosodimethylamine      | 3.93  | 42  | 818   | 0.18 | ng | # 1    |
| 6) Aniline                     | 7.48  | 93  | 949   | 0.07 | ng | # 37   |
| 8) 2-Chlorophenol              | 7.69  | 128 | 1374  | 0.18 | ng | # 1    |
| 9) Benzaldehyde                | 7.30  | 77  | 3670  | 1.03 | ng | # 14   |
| 10) Phenol                     | 7.31  | 94  | 183   | 0.02 | ng | # 1    |
| 11) bis(2-Chloroethyl)ether    | 7.63  | 93  | 151   | 0.02 | ng | # 21   |
| 12) 1,3-Dichlorobenzene        | 8.09  | 146 | 71    | 0.01 | ng | # 24   |
| 13) 1,4-Dichlorobenzene        | 8.16  | 146 | 55    | 0.01 | ng | # 1    |
| 14) 1,2-Dichlorobenzene        | 8.50  | 146 | 873   | 0.10 | ng | # 1    |
| 15) Benzyl Alcohol             | 8.49  | 79  | 19282 | 2.05 | ng | # 51   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.69  | 45  | 71    | 0.01 | ng | # 1    |
| 17) 2-Methylphenol             | 8.57  | 107 | 79    | 0.01 | ng | # 22   |
| 18) Hexachloroethane           | 9.31  | 117 | 170   | 0.05 | ng | # 15   |
| 19) n-Nitroso-di-n-propylamine | 8.98  | 70  | 78    | 0.01 | ng | # 39   |
| 20) 3+4-Methylphenols          | 8.93  | 107 | 57    | 0.01 | ng | # 17   |
| 22) Acetophenone               | 9.01  | 105 | 57    | 0.00 | ng | # 49   |
| 24) Nitrobenzene               | 9.33  | 77  | 4480  | 0.35 | ng | # 32   |
| 25) Isophorone                 | 9.92  | 82  | 265   | 0.01 | ng | # 69   |
| 26) 2-Nitrophenol              | 10.04 | 139 | 61    | 0.01 | ng | # 15   |
| 27) 2,4-Dimethylphenol         | 10.15 | 122 | 82    | 0.01 | ng | # 1    |
| 28) bis(2-Chloroethoxy)methane | 10.39 | 93  | 53    | 0.00 | ng | # 50   |
| 29) 2,4-Dichlorophenol         | 10.61 | 162 | 75    | 0.01 | ng | # 25   |
| 30) 1,2,4-Trichlorobenzene     | 10.89 | 180 | 441   | 0.04 | ng | # 14   |
| 31) Naphthalene                | 11.05 | 128 | 87    | 0.00 | ng | # 16   |
| 32) Benzoic acid               | 10.18 | 122 | 91    | 5.13 | ng | # 1    |
| 33) 4-Chloroaniline            | 11.13 | 127 | 101   | 0.01 | ng | # 30   |
| 34) Hexachlorobutadiene        | 11.30 | 225 | 111   | 0.01 | ng | # 18   |
| 35) Caprolactam                | 11.90 | 113 | 61    | 0.02 | ng | # 1    |
| 36) 4-Chloro-3-methylphenol    | 12.28 | 107 | 85    | 0.01 | ng | # 1    |
| 37) 2-Methylnaphthalene        | 12.72 | 142 | 76    | 0.00 | ng | # 13   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.92 | 216 | 54    | 0.00 | ng | # 1    |
| 40) Hexachlorocyclopentadiene  | 12.99 | 237 | 82    | 0.01 | ng | # 26   |

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 Acq On : 28 Jun 2016 11:46  
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 Sample : PB91613BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

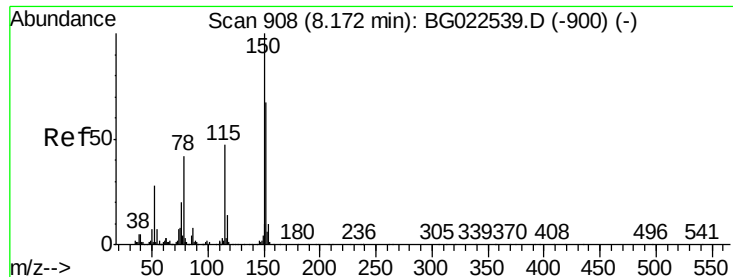
Instrument :  
 BNA\_G  
 ClientSampleId :

Quant Time: Jun 28 13:46:50 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062516.M  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.21 | 196  | 69       | 0.01 | nq    | # 11     |
| 43) 2,4,5-Trichlorophenol      | 13.31 | 196  | 139      | 0.02 | nq    | # 32     |
| 45) 1,1'-Biphenyl              | 13.83 | 154  | 210      | 0.01 | nq    | # 43     |
| 46) 2-Chloronaphthalene        | 13.71 | 162  | 103      | 0.00 | nq    | # 38     |
| 47) 2-Nitroaniline             | 13.90 | 65   | 89       | 0.01 | nq    | # 16     |
| 48) Acenaphthylene             | 14.52 | 152  | 472      | 0.01 | nq    | # 58     |
| 49) Dimethylphthalate          | 14.24 | 163  | 268      | 0.01 | nq    | # 37     |
| 50) 2,6-Dinitrotoluene         | 14.39 | 165  | 147      | 0.02 | nq    | # 9      |
| 51) Acenaphthene               | 14.85 | 154  | 320      | 0.01 | nq    | # 6      |
| 52) 3-Nitroaniline             | 14.70 | 138  | 95       | 0.02 | nq    | # 31     |
| 53) 2,4-Dinitrophenol          | 14.92 | 184  | 63       | 0.02 | nq    | # 20     |
| 54) Dibenzofuran               | 15.21 | 168  | 64       | 0.00 | nq    | # 39     |
| 55) 4-Nitrophenol              | 14.99 | 139  | 75       | 0.01 | nq    | # 1      |
| 56) 2,4-Dinitrotoluene         | 15.15 | 165  | 64       | 0.01 | nq    | # 14     |
| 57) Fluorene                   | 15.85 | 166  | 138      | 0.00 | nq    | # 8      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.42 | 232  | 103      | 0.01 | nq    | # 25     |
| 59) Diethylphthalate           | 15.60 | 149  | 5490     | 0.18 | nq    | # 87     |
| 60) 4-Chlorophenyl-phenylether | 15.85 | 204  | 60       | 0.00 | nq    | # 26     |
| 61) 4-Nitroaniline             | 15.88 | 138  | 147      | 0.02 | nq    | # 1      |
| 62) Azobenzene                 | 16.13 | 77   | 544      | 0.02 | nq    | # 47     |
| 64) 4,6-Dinitro-2-methylphenol | 16.01 | 198  | 67       | 0.01 | nq    | # 1      |
| 65) n-Nitrosodiphenylamine     | 16.29 | 169  | 31639    | 1.12 | nq    | # 47     |
| 66) 4-Bromophenyl-phenylether  | 16.68 | 248  | 57       | 0.00 | nq    | # 4      |
| 67) Hexachlorobenzene          | 16.87 | 284  | 66       | 0.00 | nq    | # 1      |
| 68) Atrazine                   | 16.99 | 200  | 73       | 0.01 | nq    | # 36     |
| 69) Pentachlorophenol          | 17.17 | 266  | 57       | 0.01 | nq    | # 18     |
| 70) Phenanthrene               | 17.61 | 178  | 283      | 0.01 | nq    | # 57     |
| 71) Anthracene                 | 17.69 | 178  | 170      | 0.00 | nq    | # 1      |
| 72) Carbazole                  | 17.98 | 167  | 167      | 0.00 | nq    | # 55     |
| 73) Di-n-butylphthalate        | 18.50 | 149  | 309      | 0.01 | nq    | # 1      |
| 74) Fluoranthene               | 19.60 | 202  | 55       | 0.00 | nq    | # 60     |
| 76) Benzidine                  | 19.80 | 184  | 806      | 0.07 | nq    | # 64     |
| 77) Pyrene                     | 20.15 | 202  | 21240    | 0.36 | nq    | # 88     |
| 79) Butylbenzylphthalate       | 20.84 | 149  | 943      | 0.04 | nq    | # 69     |
| 80) Benzo(a)anthracene         | 21.90 | 228  | 984      | 0.02 | nq    | # 93     |
| 81) 3,3'-Dichlorobenzidine     | 21.73 | 252  | 171      | 0.01 | nq    | # 94     |
| 82) Chrysene                   | 21.90 | 228  | 984      | 0.02 | nq    | # 92     |
| 83) Bis(2-ethylhexyl)phthalate | 21.75 | 149  | 502      | 0.01 | nq    | # 51     |
| 84) Di-n-octyl phthalate       | 22.97 | 149  | 3248     | 0.05 | nq    | # 74     |
| 85) Indeno(1,2,3-cd)pyrene     | 29.05 | 276  | 664      | 0.01 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.15 | 252  | 1008     | 0.02 | nq    | # 82     |
| 88) Benzo(k)fluoranthene       | 24.19 | 252  | 649      | 0.01 | nq    | # 51     |
| 89) Benzo(a)pyrene             | 25.04 | 252  | 259      | 0.00 | nq    | # 66     |
| 90) Dibenzo(a,h)anthracene     | 29.12 | 278  | 142      | 0.00 | nq    | # 1      |
| 91) Benzo(g,h,i)perylene       | 30.28 | 276  | 582      | 0.01 | nq    | # 52     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampled :

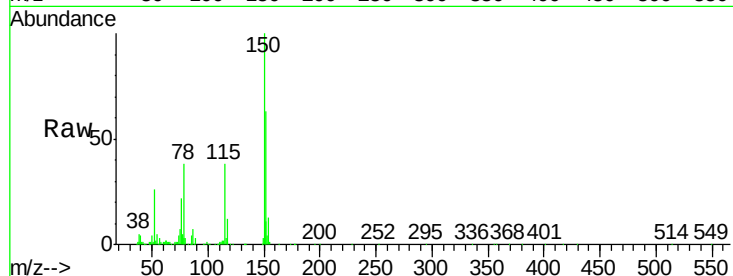
Tot Ion:152 Resp: 115545

Ion Ratio Lower Upper

152 100

150 157.8 144.7 217.1

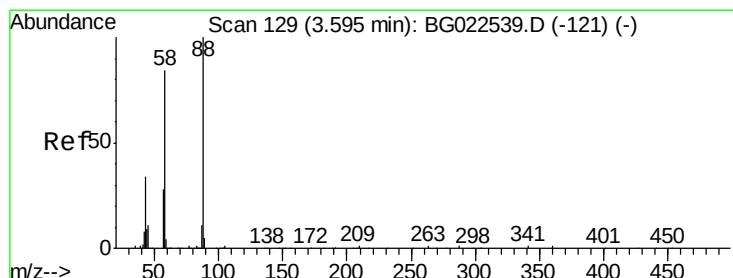
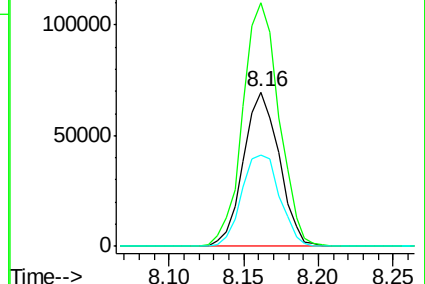
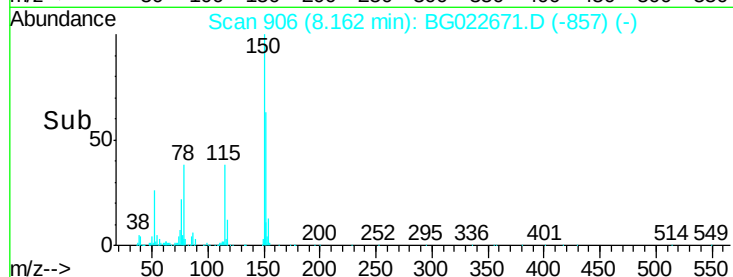
115 59.3 64.0 96.0#



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: 0.12 ng

RT: 3.62 min Scan# 133

Delta R.T. 0.02 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

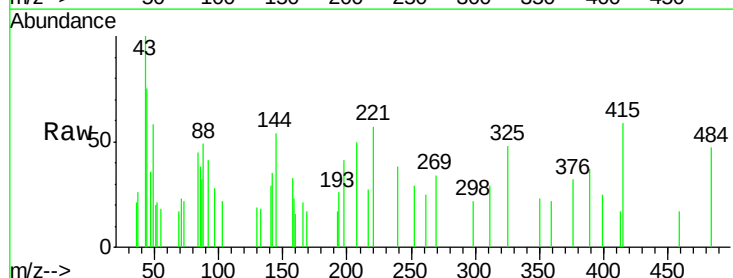
Tgt Ion: 88 Resp: 354

Ion Ratio Lower Upper

88 100

58 91.2 60.4 90.6#

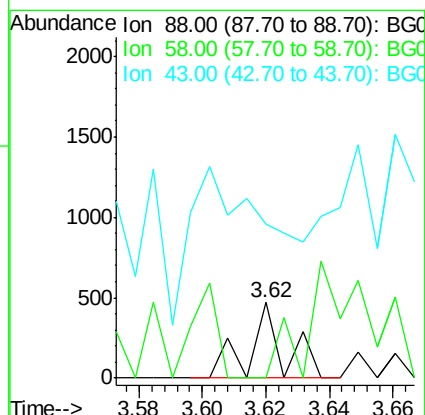
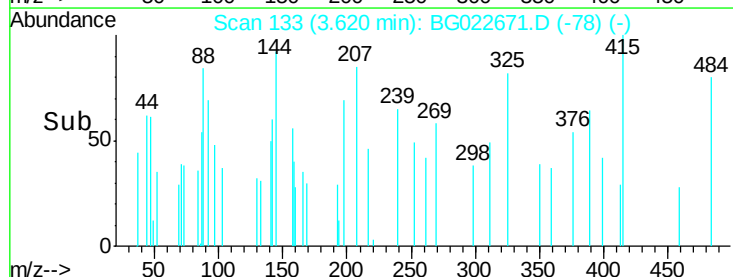
43 485.6 31.1 46.7#

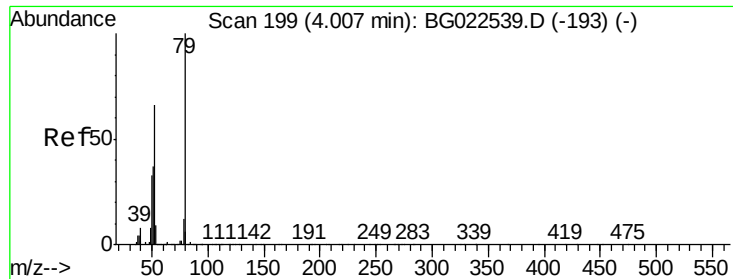


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 0.02 ng

RT: 4.01 min Scan# 199

Delta R.T. 0.00 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampleId :

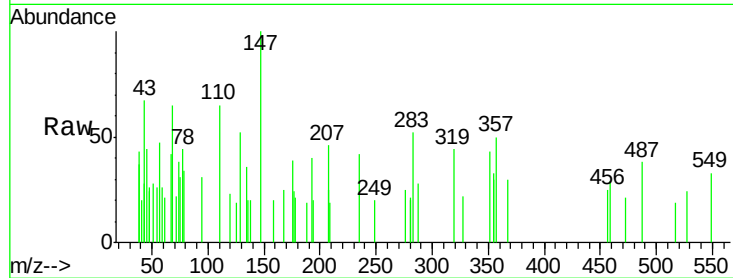
Tot Ion: 79 Resp: 157

Ion Ratio Lower Upper

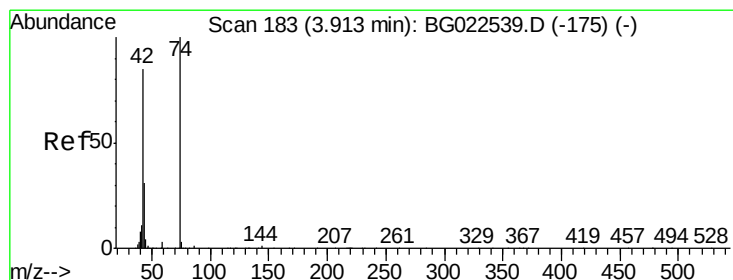
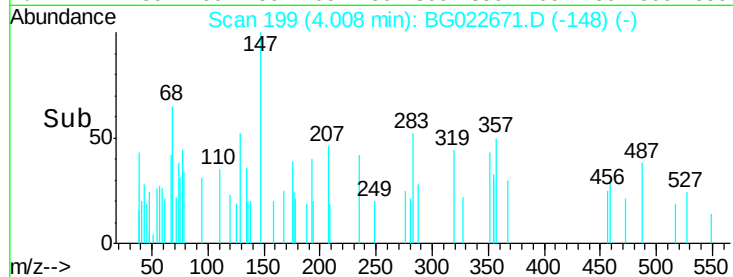
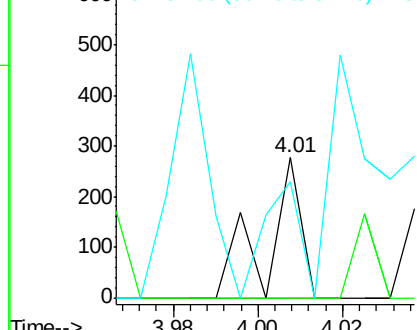
79 100

52 0.0 51.8 77.8#

51 83.0 32.7 49.1#



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: 0.18 ng

RT: 3.93 min Scan# 185

Delta R.T. 0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

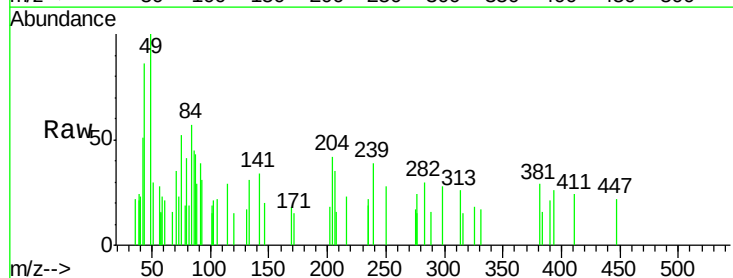
Tgt Ion: 42 Resp: 818

Ion Ratio Lower Upper

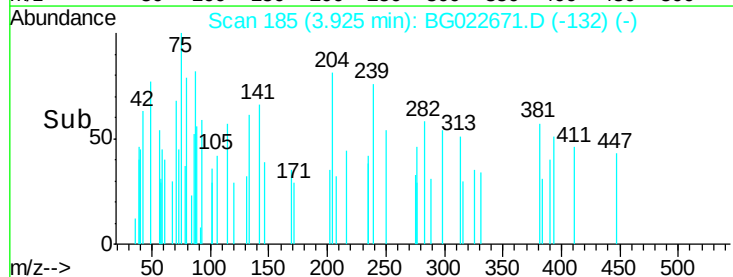
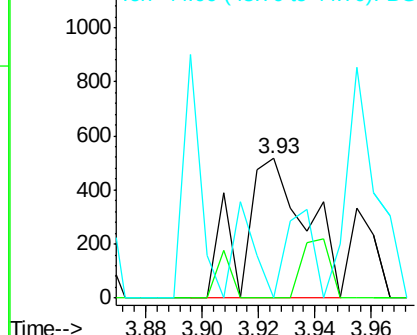
42 100

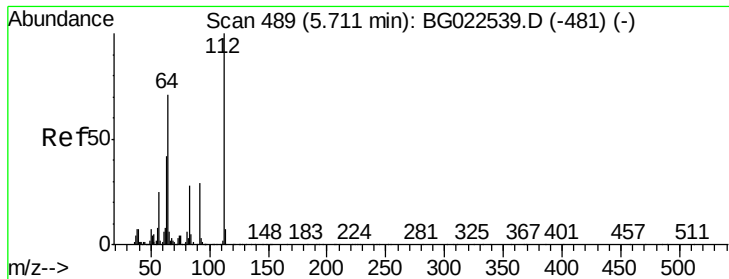
74 0.0 100.6 150.8#

44 0.0 4.5 6.7#



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: 139.93 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampleId :

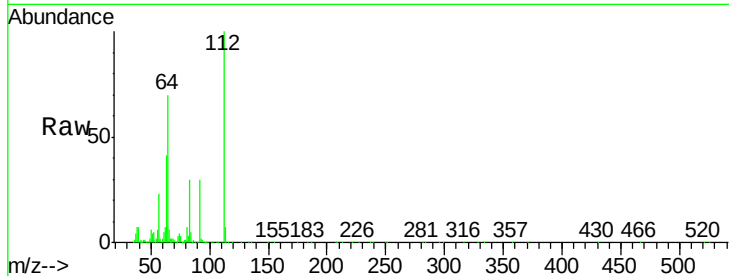
Tot Ion:112 Resp: 1008059

Ion Ratio Lower Upper

112 100

64 69.6 59.0 88.4

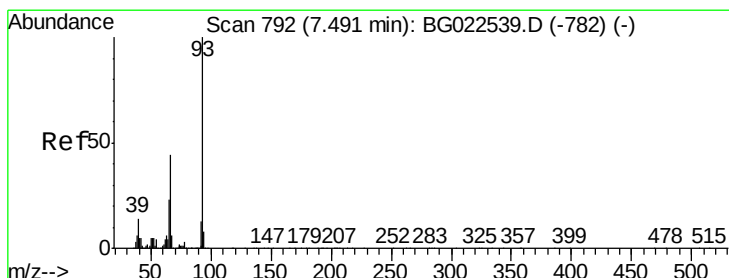
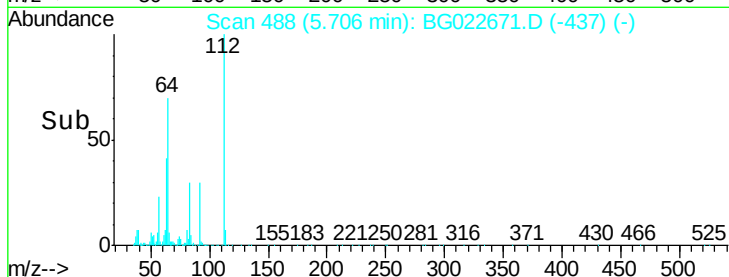
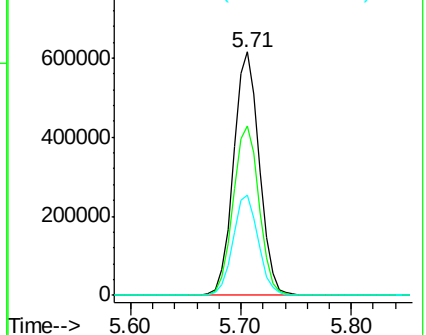
63 41.4 37.8 56.8



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: 0.07 ng

RT: 7.48 min Scan# 790

Delta R.T. -0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

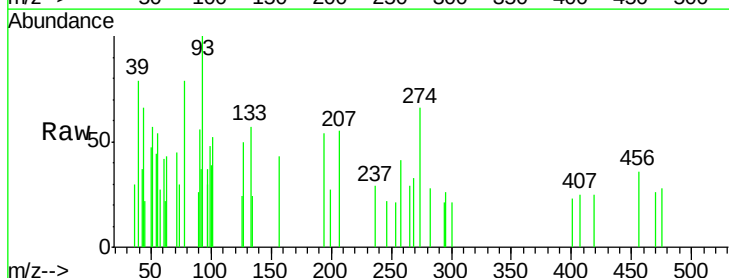
Tgt Ion: 93 Resp: 949

Ion Ratio Lower Upper

93 100

66 0.0 37.5 56.3#

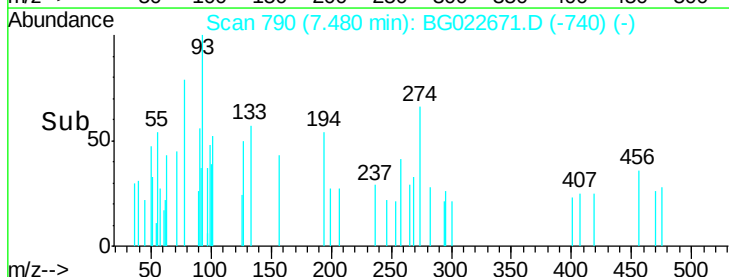
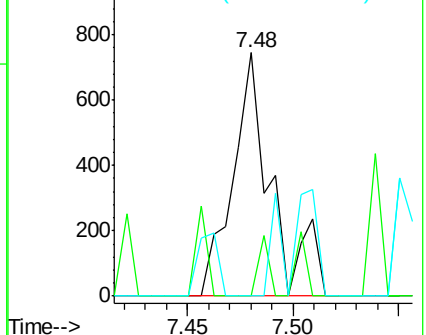
65 0.0 17.9 26.9#

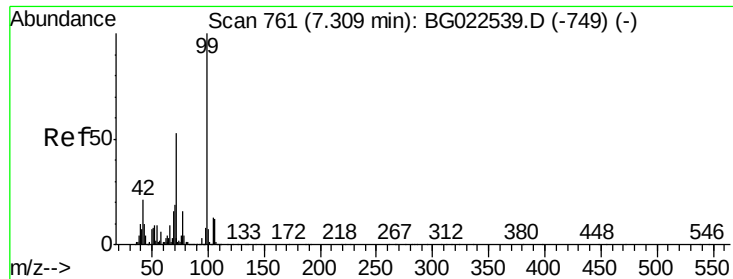


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 146.78 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampleId :

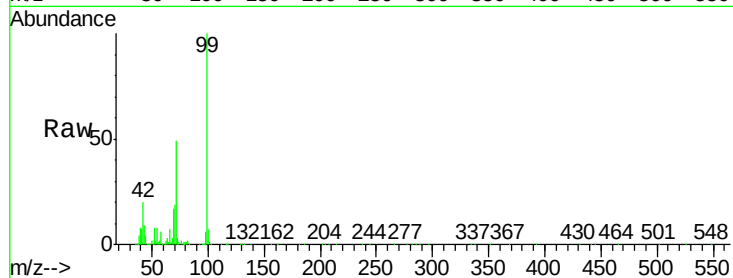
Tot Ion: 99 Resp: 1490426

Ion Ratio Lower Upper

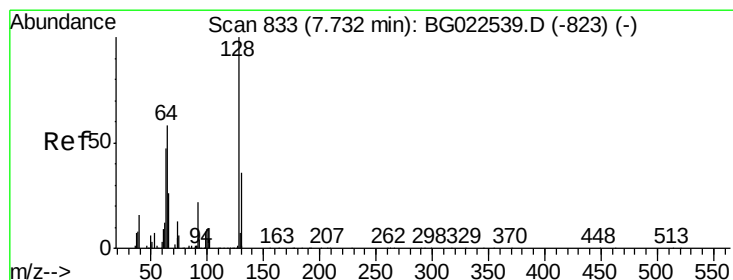
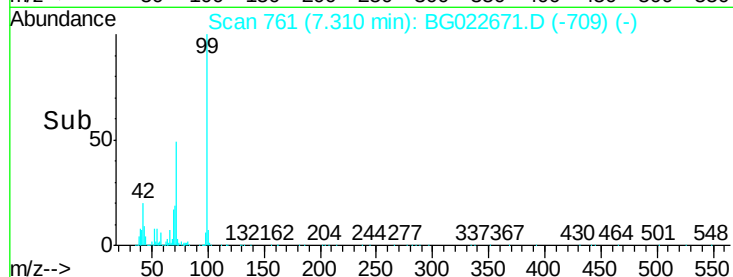
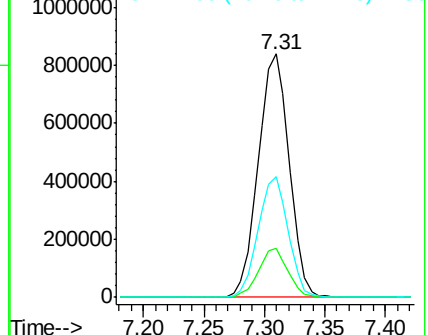
99 100

42 20.2 17.8 26.6

71 49.5 41.5 62.3



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: 0.18 ng

RT: 7.69 min Scan# 826

Delta R.T. -0.03 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

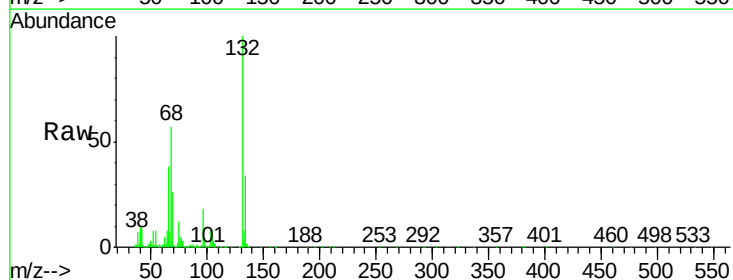
Tgt Ion: 128 Resp: 1374

Ion Ratio Lower Upper

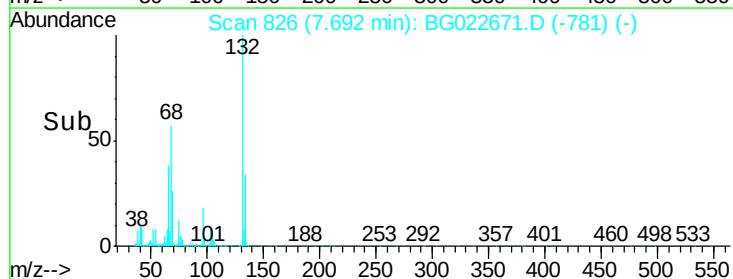
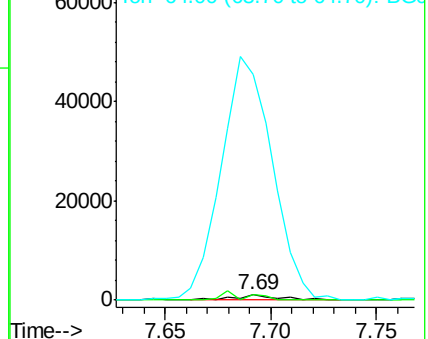
128 100

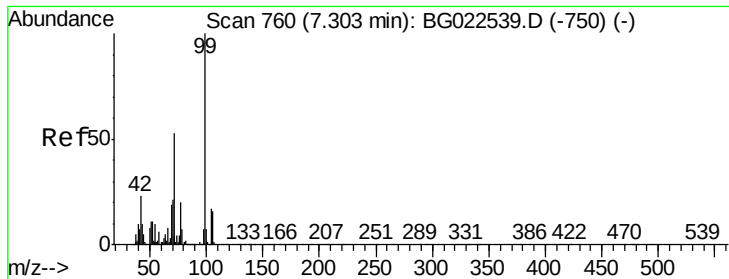
130 110.1 12.9 52.9#

64 4572.1 42.0 82.0#



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: 1.03 ng

RT: 7.30 min Scan# 760

Delta R.T. 0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampleId :

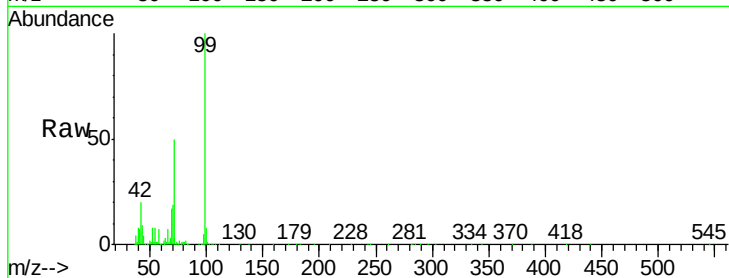
Tot Ion: 77 Resp: 3670

Ion Ratio Lower Upper

77 100

105 0.0 58.7 98.7#

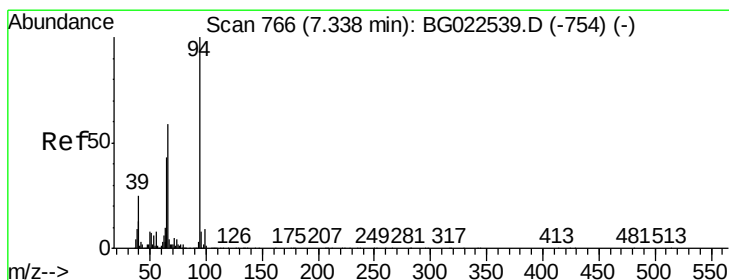
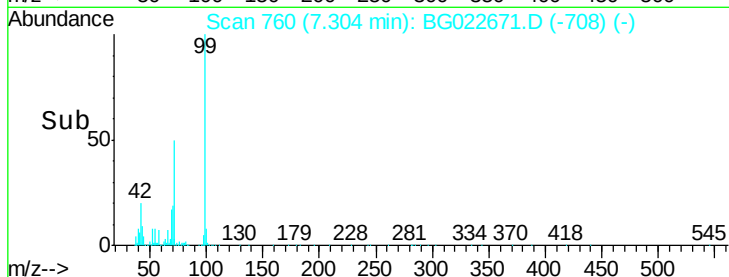
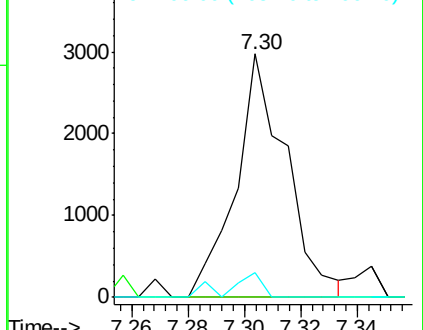
106 10.4 67.5 107.5#



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: 0.02 ng

RT: 7.31 min Scan# 761

Delta R.T. -0.02 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

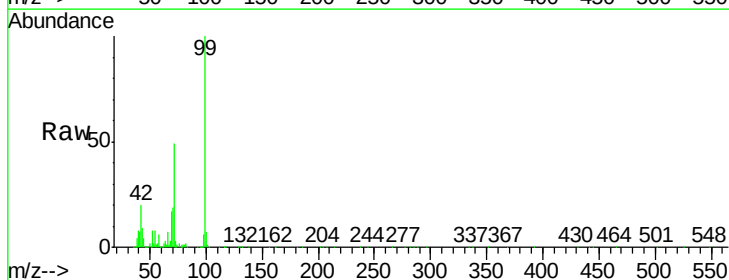
Tgt Ion: 94 Resp: 183

Ion Ratio Lower Upper

94 100

65 1789.0 18.1 58.1#

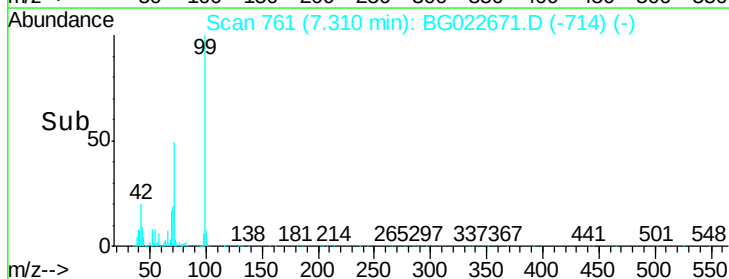
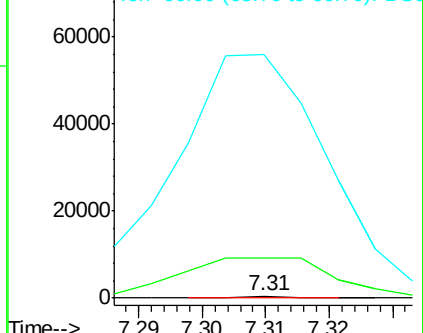
66 10780.7 42.1 82.1#



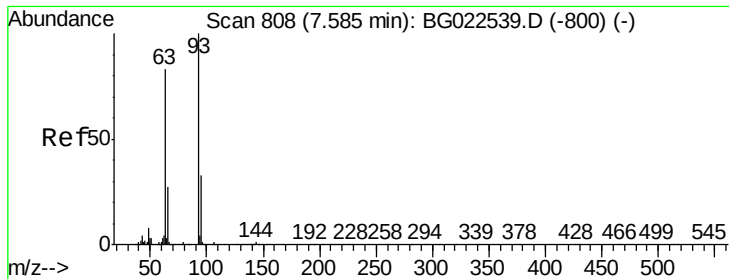
Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC







#11

bis(2-Chloroethyl)ether

Concen: 0.02 ng

RT: 7.63 min Scan# 815

Delta R.T. 0.05 min

Lab File: BG022671.D

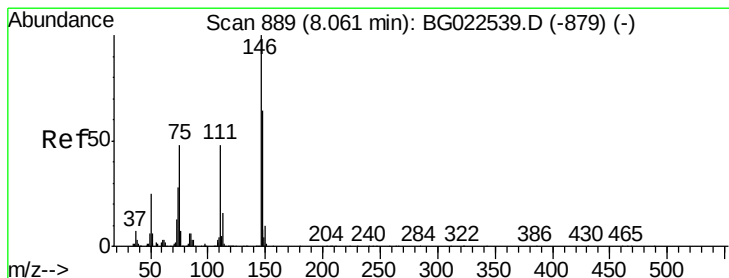
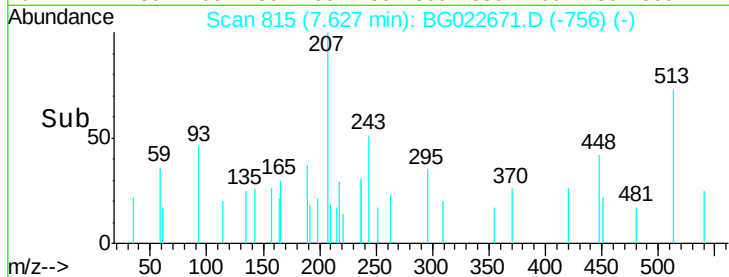
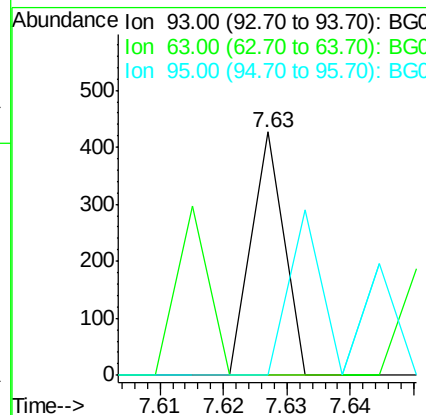
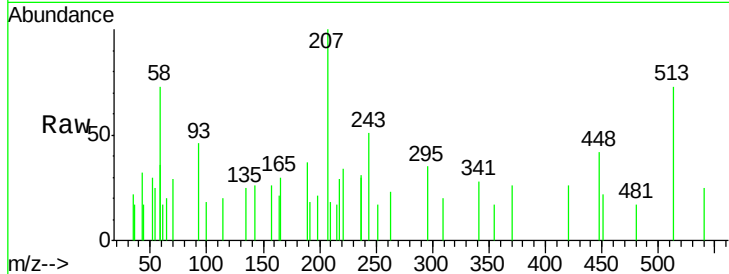
Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 93    | Resp: | 151   |
| Ion      | Ratio | Lower | Upper |
| 93       | 100   |       |       |
| 63       | 0.0   | 55.0  | 95.0# |
| 95       | 0.0   | 11.0  | 51.0# |



#12

1,3-Dichlorobenzene

Concen: 0.01 ng

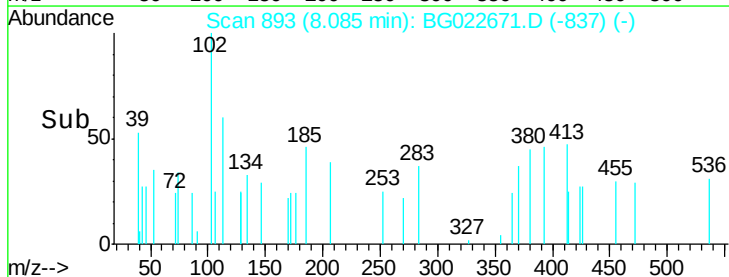
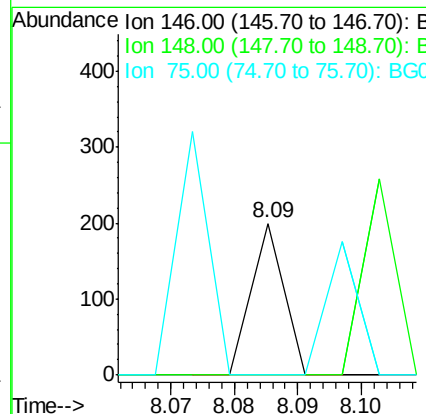
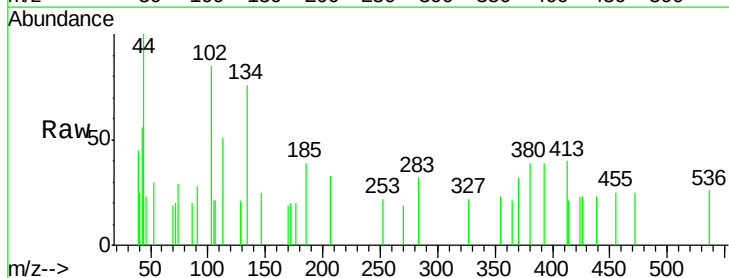
RT: 8.09 min Scan# 893

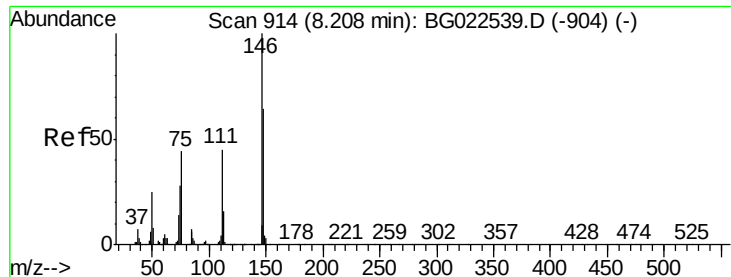
Delta R.T. 0.03 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 146   | Resp: | 71    |
| Ion      | Ratio | Lower | Upper |
| 146      | 100   |       |       |
| 148      | 0.0   | 50.3  | 75.5# |
| 75       | 0.0   | 37.0  | 55.6# |

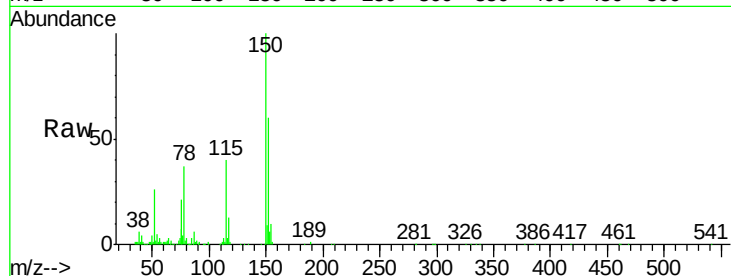




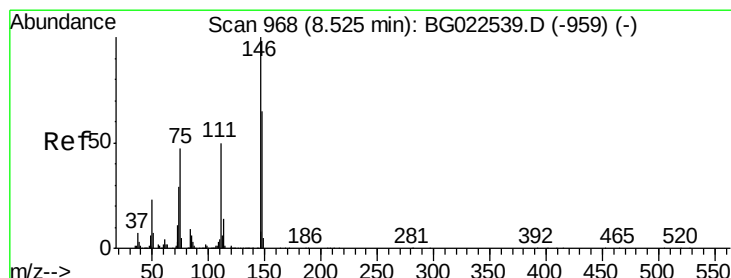
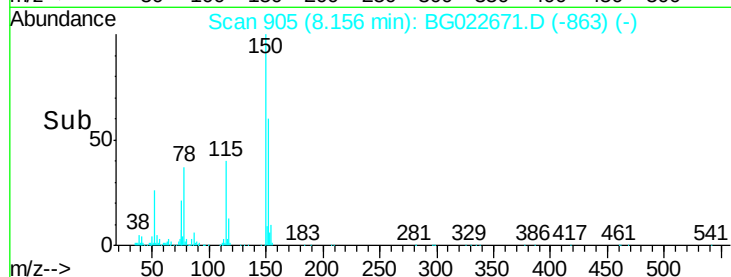
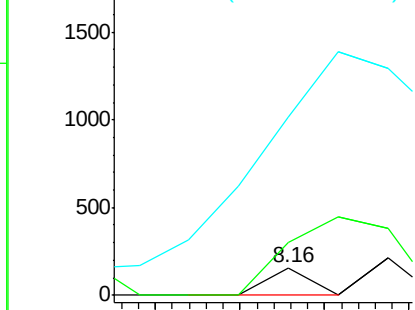
#13  
 1,4-Dichlorobenzene  
 Concen: 0.01 ng  
 RT: 8.16 min Scan# 905  
 Delta R.T. -0.05 min  
 Lab File: BG022671.D  
 Acq: 28 Jun 2016 11:46

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:146 Resp: 55  
 Ion Ratio Lower Upper  
 146 100  
 148 192.3 54.5 81.7#  
 111 650.6 37.8 56.8#

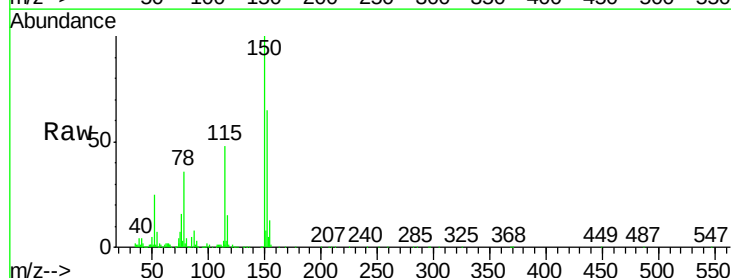


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

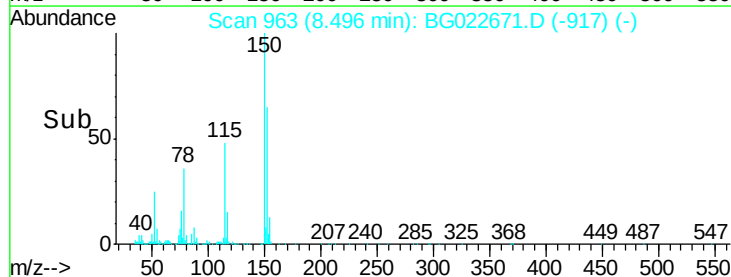
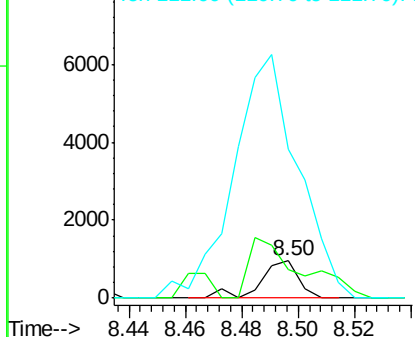


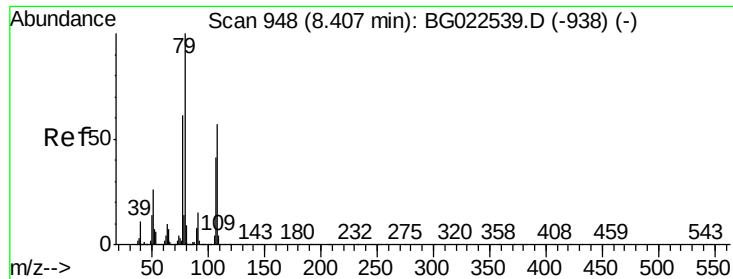
#14  
 1,2-Dichlorobenzene  
 Concen: 0.10 ng  
 RT: 8.50 min Scan# 963  
 Delta R.T. -0.03 min  
 Lab File: BG022671.D  
 Acq: 28 Jun 2016 11:46

Tgt Ion:146 Resp: 873  
 Ion Ratio Lower Upper  
 146 100  
 148 77.6 52.9 79.3  
 111 400.8 43.5 65.3#



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: 2.05 ng

RT: 8.49 min Scan# 962

Delta R.T. 0.09 min

Lab File: BG022671.D

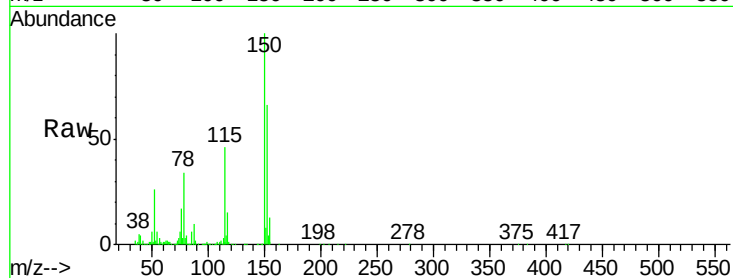
Acq: 28 Jun 2016 11:46

Instrument :

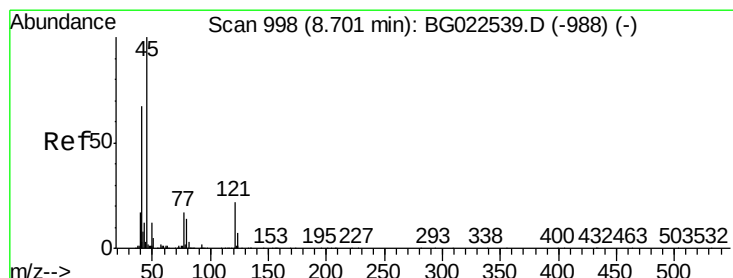
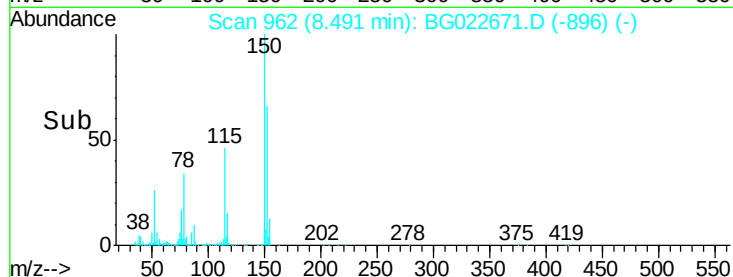
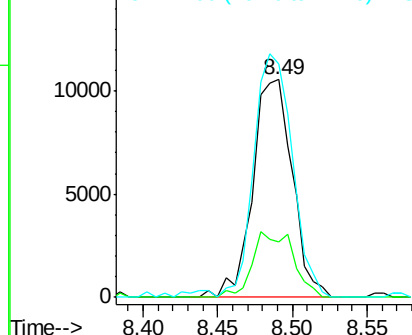
BNA\_G

ClientSampleId :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 79    | Resp: | 19282 |
| Ion Ratio | Lower | Upper |       |
| 79        | 100   |       |       |
| 108       | 25.2  | 46.5  | 69.7# |
| 77        | 107.0 | 52.3  | 78.5# |



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: 0.01 ng

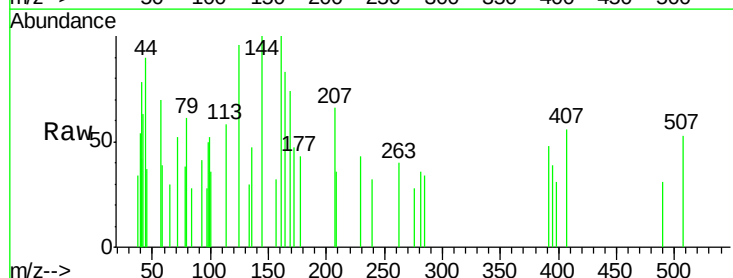
RT: 8.69 min Scan# 996

Delta R.T. -0.01 min

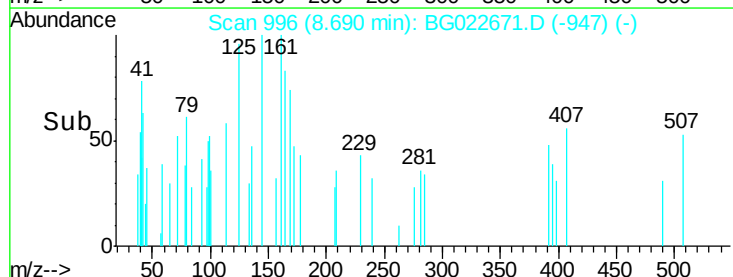
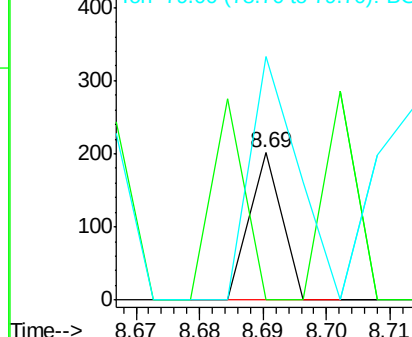
Lab File: BG022671.D

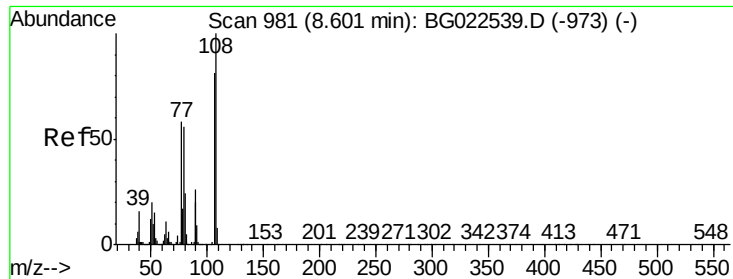
Acq: 28 Jun 2016 11:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 45    | Resp: | 71    |
| Ion Ratio | Lower | Upper |       |
| 45        | 100   |       |       |
| 77        | 0.0   | 0.6   | 40.6# |
| 79        | 165.7 | 0.0   | 36.2# |



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: 0.01 ng

RT: 8.57 min Scan# 975

Delta R.T. -0.03 min

Lab File: BG022671.D

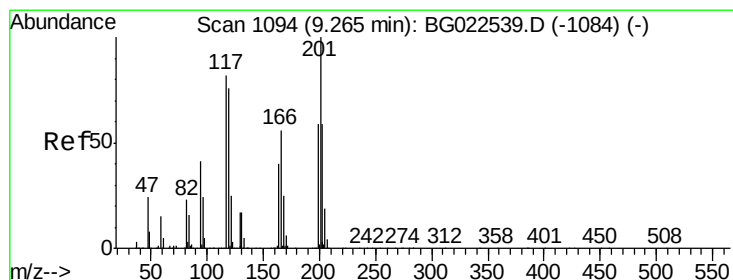
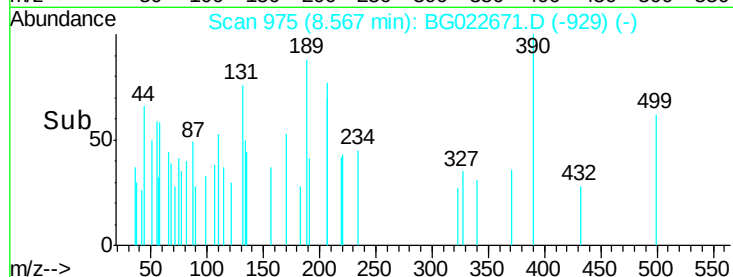
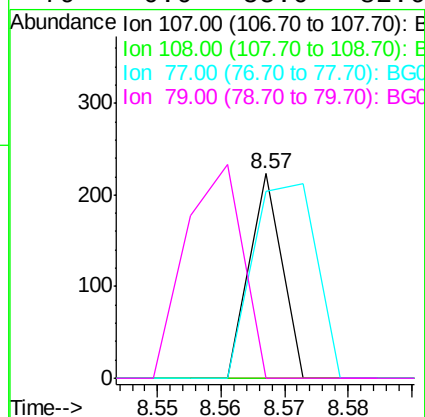
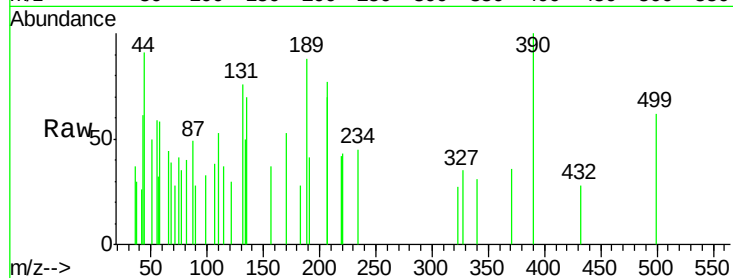
Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 79     |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 0.0   | 92.0  | 138.0# |
| 77       | 91.5  | 55.8  | 83.6#  |
| 79       | 0.0   | 55.0  | 82.6#  |



#18

Hexachloroethane

Concen: 0.05 ng

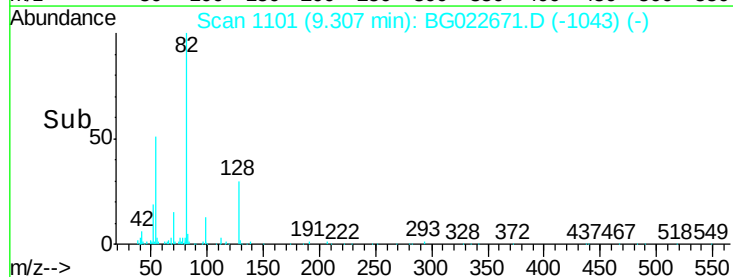
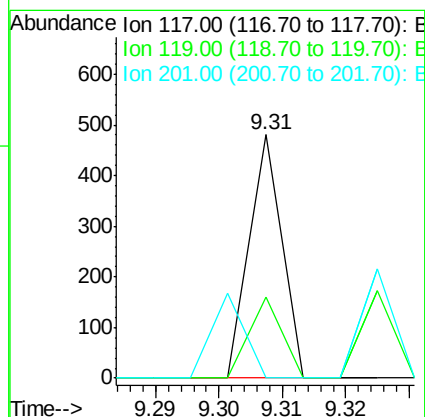
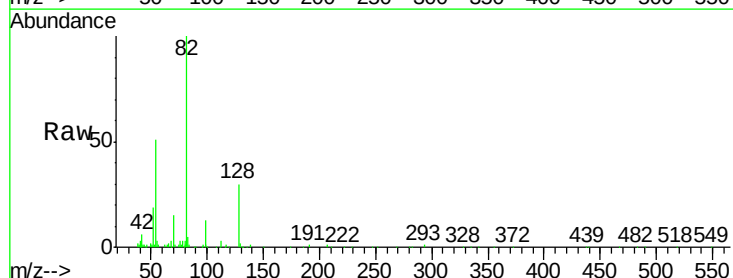
RT: 9.31 min Scan# 1101

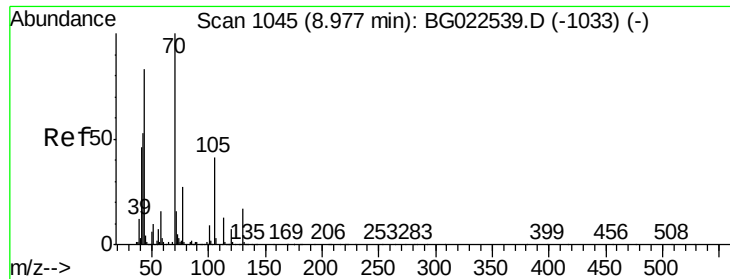
Delta R.T. 0.04 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 170    |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 33.3  | 73.7  | 110.5# |
| 201      | 0.0   | 88.7  | 133.1# |

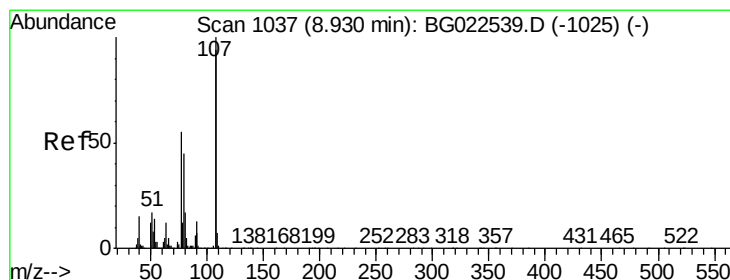
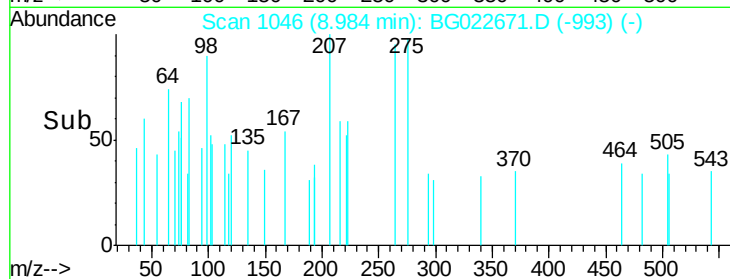
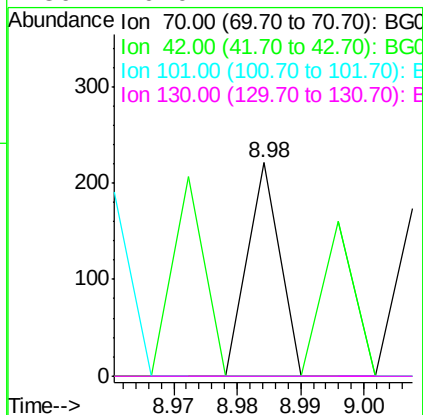
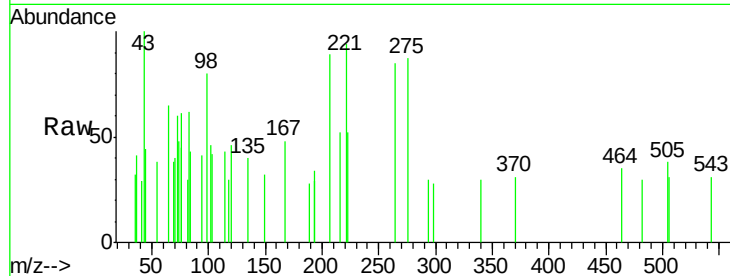




#19  
n-Nitroso-di-n-propylamine  
Concen: 0.01 ng  
RT: 8.98 min Scan# 1046  
Delta R.T. 0.01 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

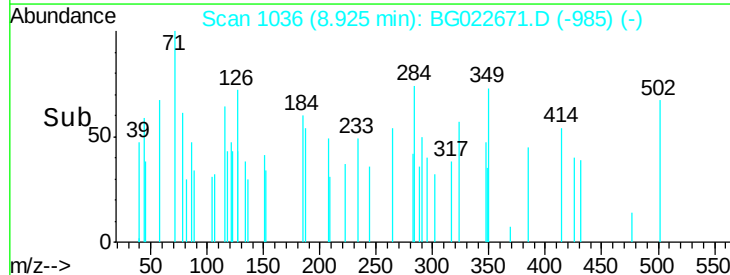
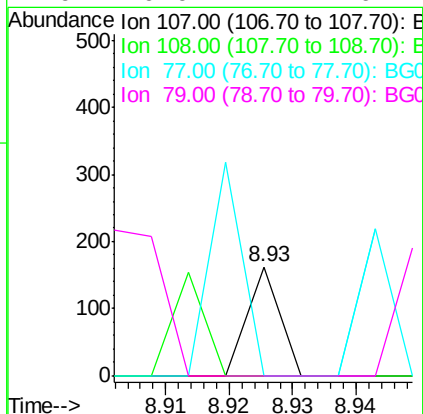
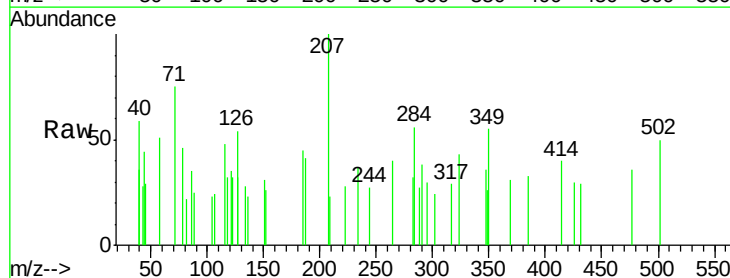
Instrument :  
BNA\_G  
ClientSampleId :

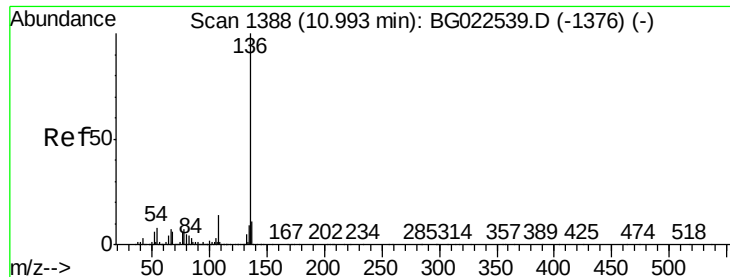
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 0.0   | 42.1  | 63.1# |
| 101     | 0.0   | 7.2   | 10.8# |
| 130     | 0.0   | 14.2  | 21.2# |



#20  
3+4-Methylphenols  
Concen: 0.01 ng  
RT: 8.93 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 107     | 100   |       |        |
| 108     | 0.0   | 72.5  | 112.5# |
| 77      | 0.0   | 30.1  | 70.1#  |
| 79      | 0.0   | 24.2  | 64.2#  |

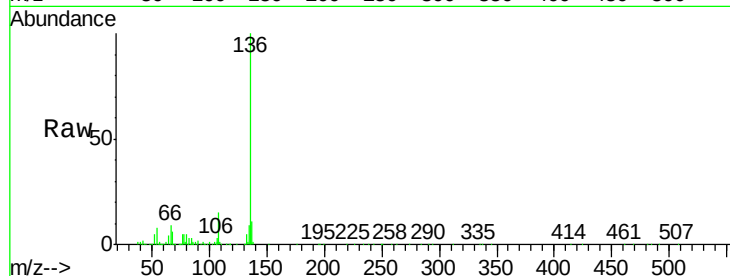




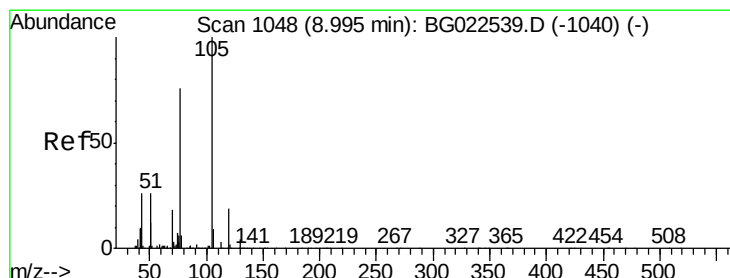
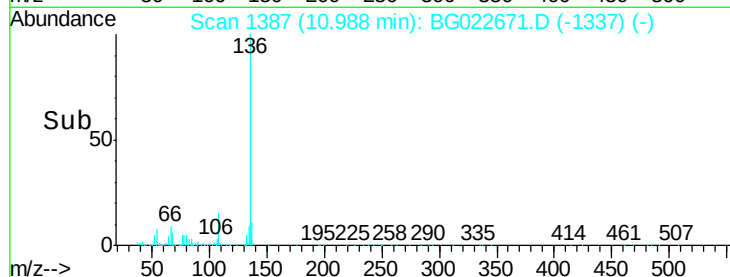
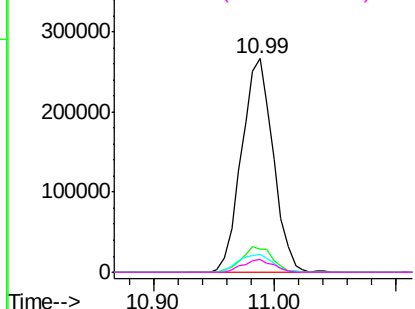
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.99 min Scan# 1387  
Delta R.T. -0.01 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

Instrument :  
BNA\_G  
ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 485037   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.0  | 9.6 14.4 |
| 54          | 8.2   | 7.3 10.9 |
| 68          | 5.9   | 5.3 7.9  |

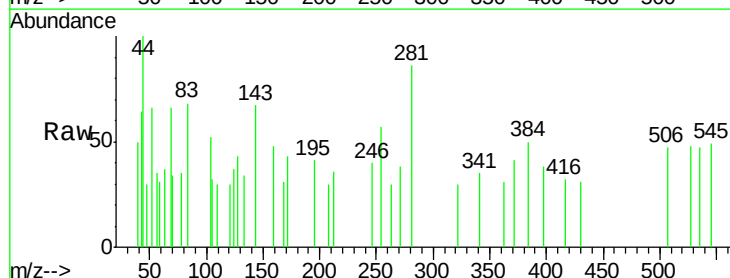


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

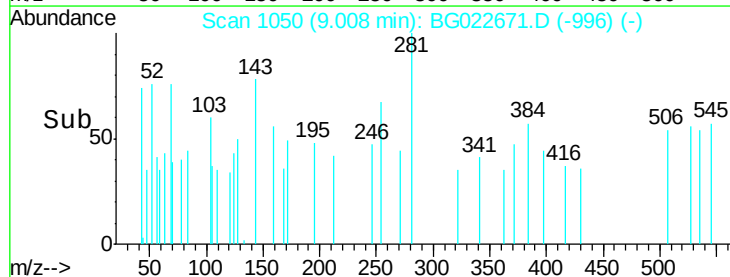
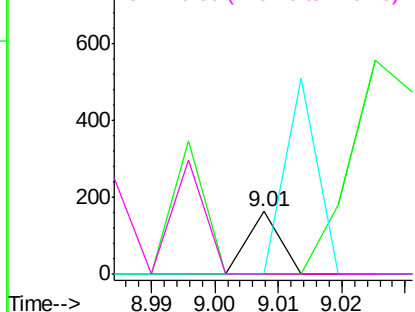


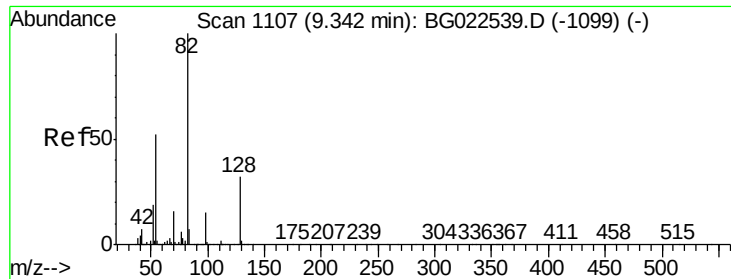
#22  
Acetophenone  
Concen: 0.00 ng  
RT: 9.01 min Scan# 1050  
Delta R.T. 0.02 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 57         |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 0.0   | 2.6 3.8#   |
| 51          | 0.0   | 27.1 40.7# |
| 120         | 0.0   | 15.1 22.7# |



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

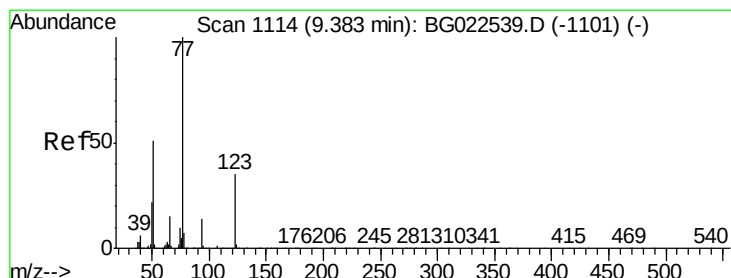
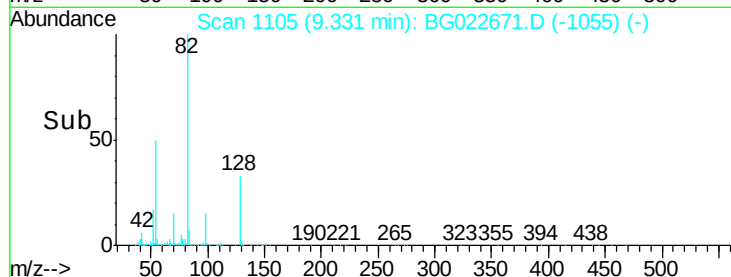
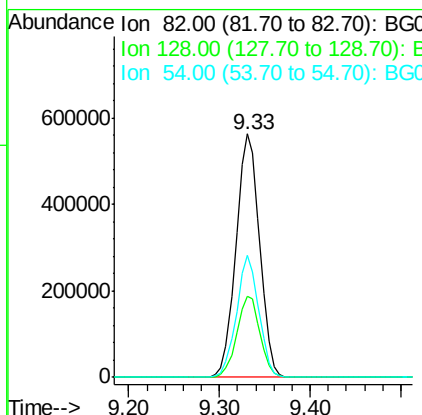
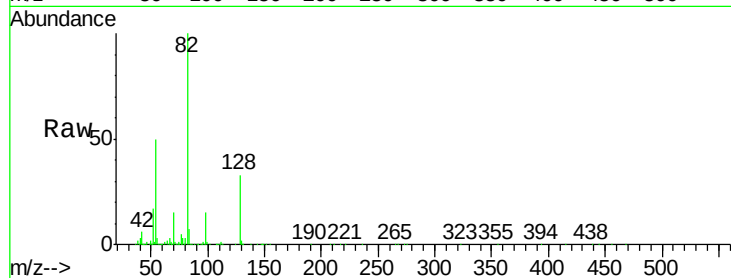




#23  
Nitrobenzene-d5  
Concen: 88.91 ng  
RT: 9.33 min Scan# 1105  
Delta R.T. -0.01 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

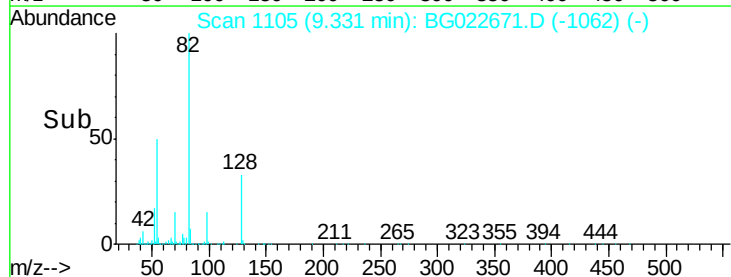
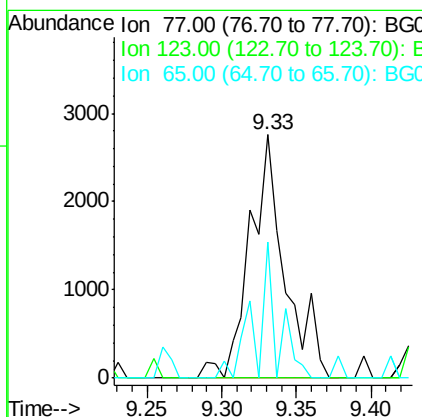
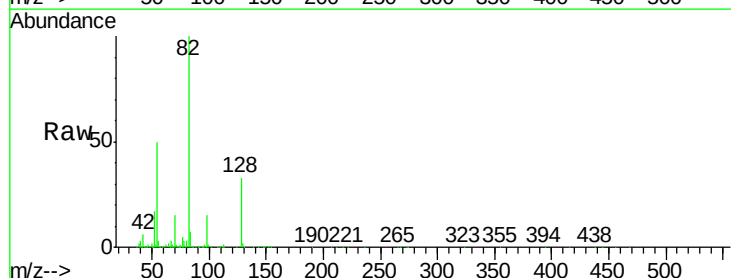
Instrument :  
BNA\_G  
ClientSampleId :

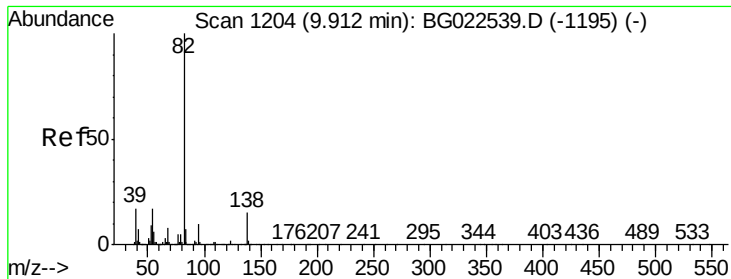
Tot Ion: 82 Resp: 1018971  
Ion Ratio Lower Upper  
82 100  
128 33.2 24.4 36.6  
54 50.0 41.4 62.0



#24  
Nitrobenzene  
Concen: 0.35 ng  
RT: 9.33 min Scan# 1105  
Delta R.T. -0.05 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

Tgt Ion: 77 Resp: 4480  
Ion Ratio Lower Upper  
77 100  
123 0.0 25.0 37.6#  
65 55.7 13.4 20.0#





#25

Isophorone

Concen: 0.01 ng

RT: 9.92 min Scan# 1206

Delta R.T. 0.02 min

Lab File: BG022671.D

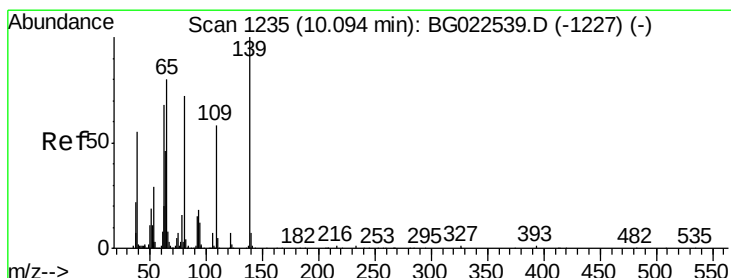
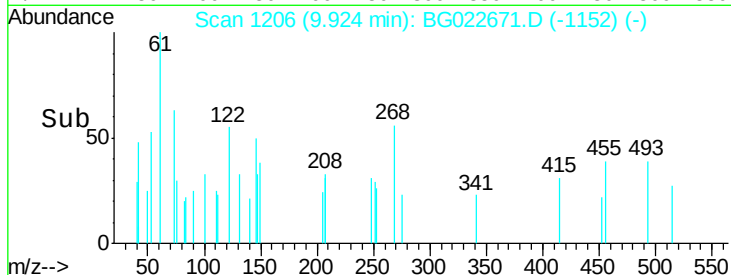
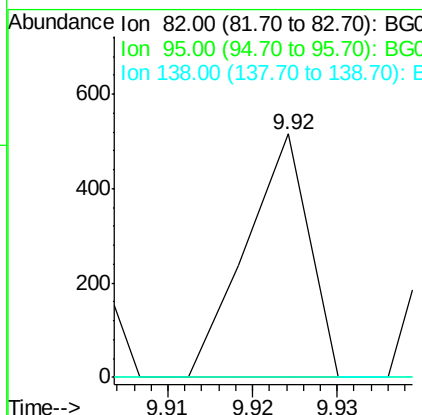
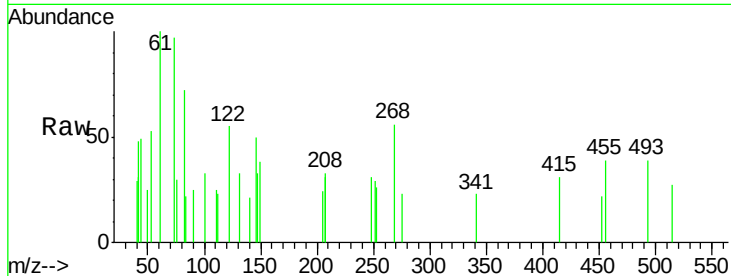
Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampled :

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 82    | Resp: | 265   |
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 95        | 0.0   | 8.2   | 12.2# |
| 138       | 0.0   | 10.7  | 16.1# |



#26

2-Nitrophenol

Concen: 0.01 ng

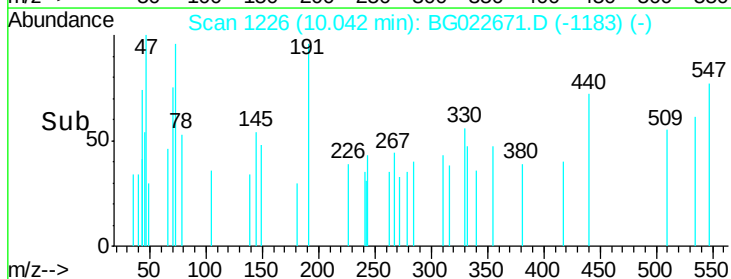
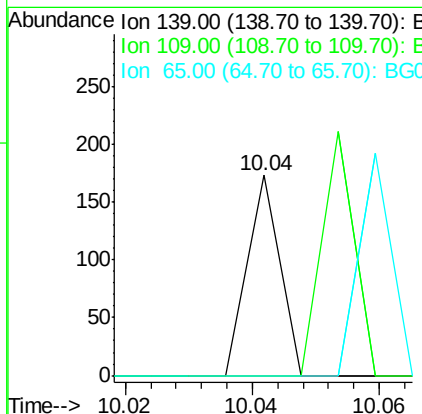
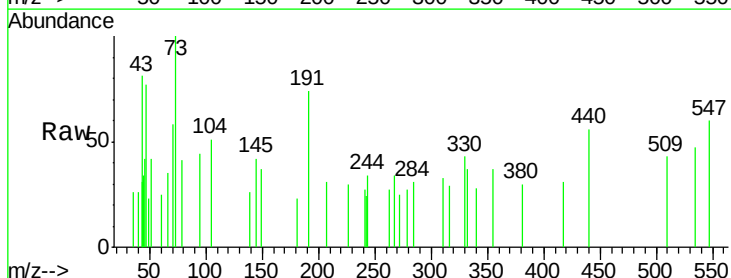
RT: 10.04 min Scan# 1226

Delta R.T. -0.05 min

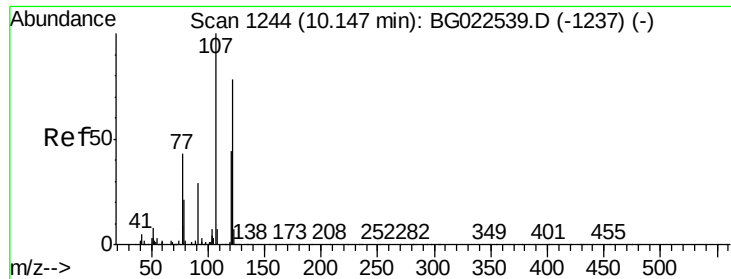
Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 139   | Resp: | 61    |
| Ion Ratio | Lower | Upper |       |
| 139       | 100   |       |       |
| 109       | 0.0   | 43.5  | 65.3# |
| 65        | 0.0   | 64.3  | 96.5# |







#27

2,4-Dimethylphenol

Concen: 0.01 ng

RT: 10.15 min Scan# 1245

Delta R.T. 0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampled :

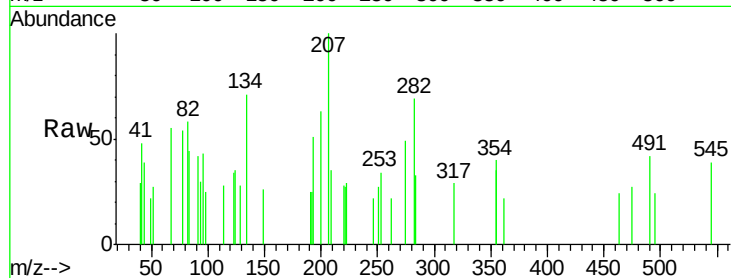
Tot Ion:122 Resp: 82

Ion Ratio Lower Upper

122 100

107 0.0 117.0 175.4#

121 0.0 50.1 75.1#

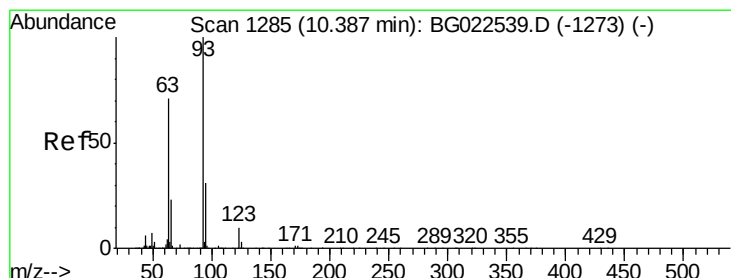
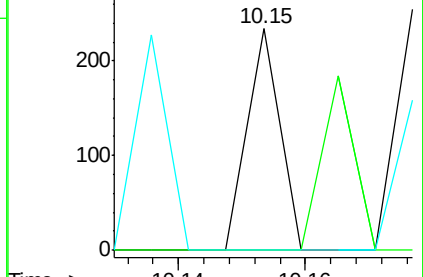
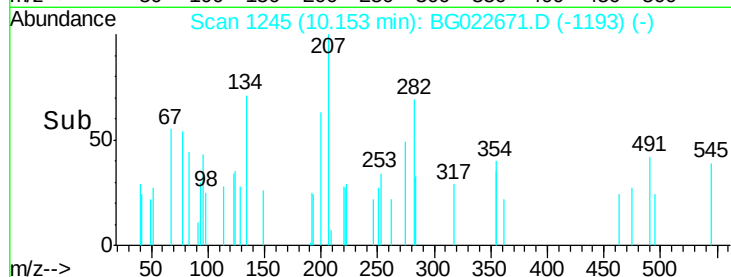


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Time-->



#28

bis(2-Chloroethoxy)methane

Concen: 0.00 ng

RT: 10.39 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

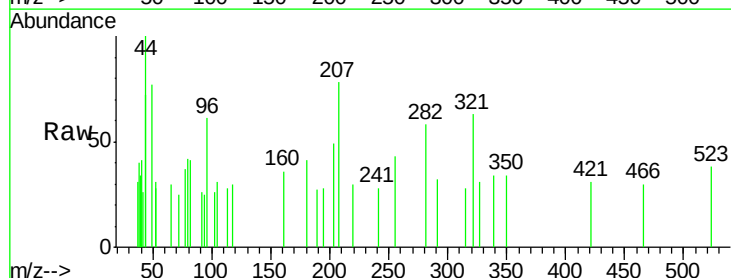
Tgt Ion: 93 Resp: 53

Ion Ratio Lower Upper

93 100

95 0.0 25.4 38.2#

123 0.0 8.2 12.2#

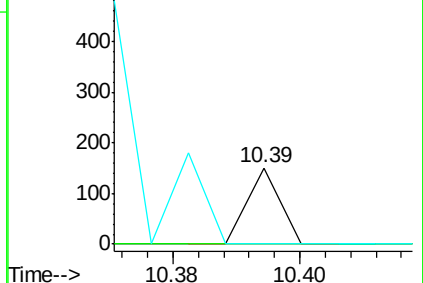
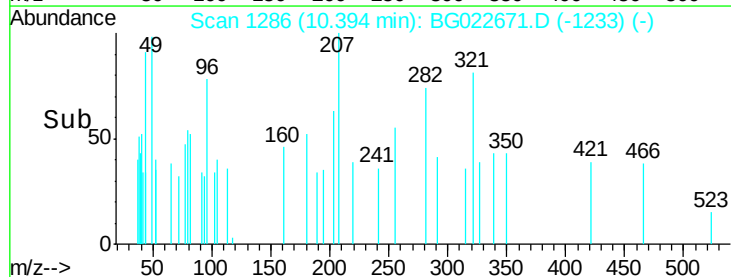


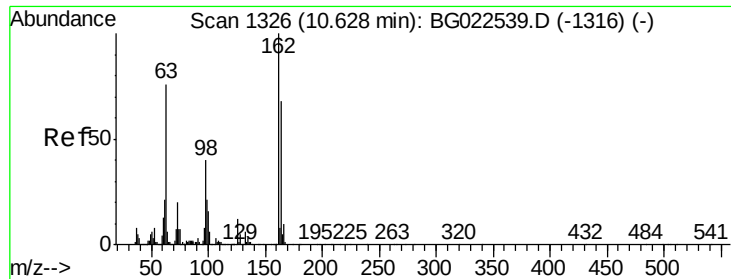
Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

Time-->

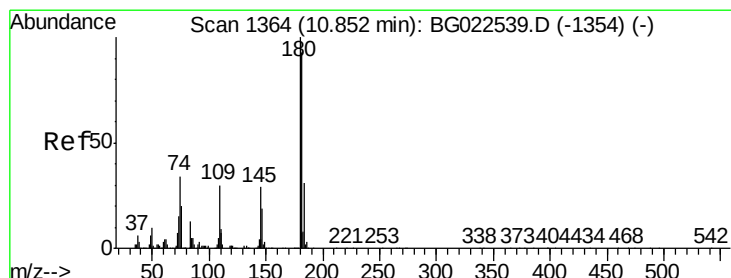
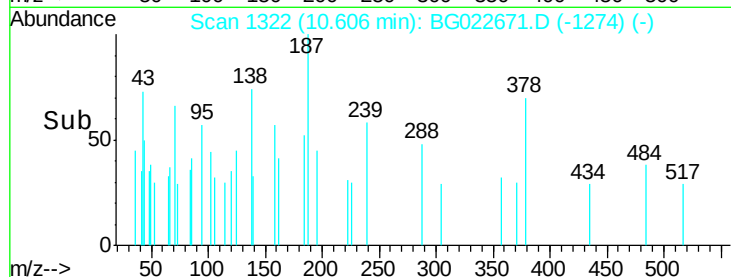
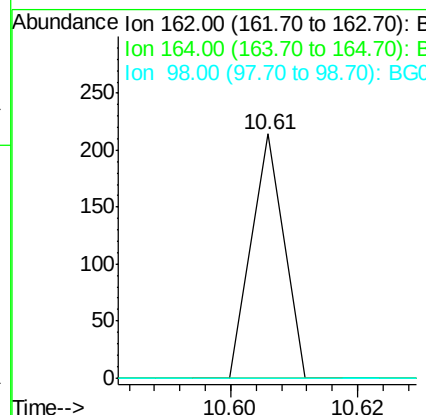
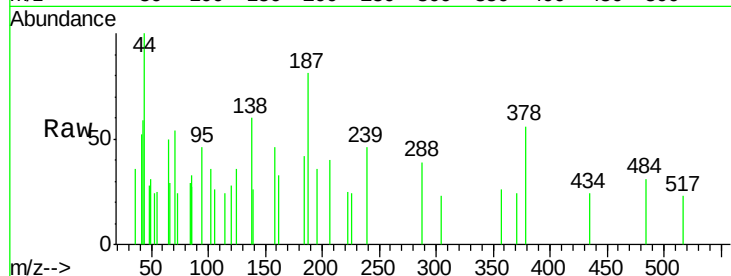




#29  
2,4-Dichlorophenol  
Concen: 0.01 ng  
RT: 10.61 min Scan# 1322  
Delta R.T. -0.02 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

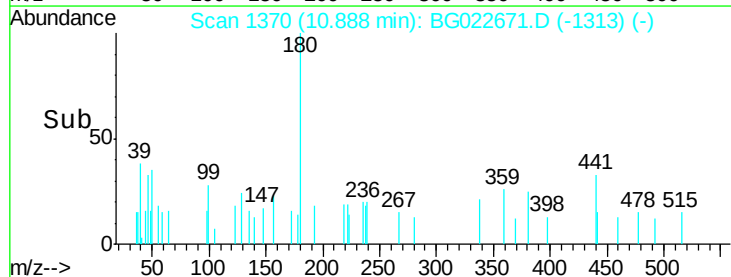
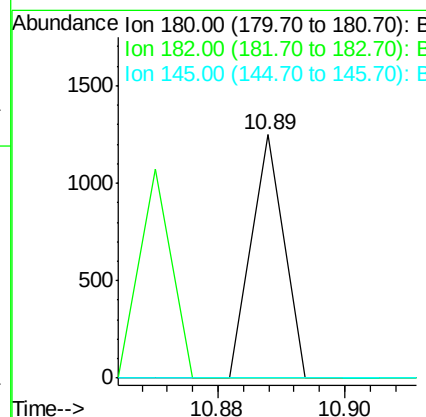
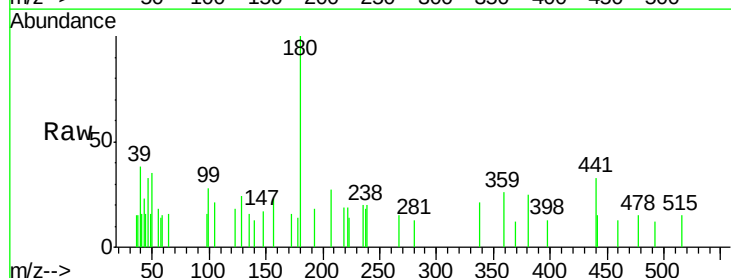
Instrument :  
BNA\_G  
ClientSampleId :

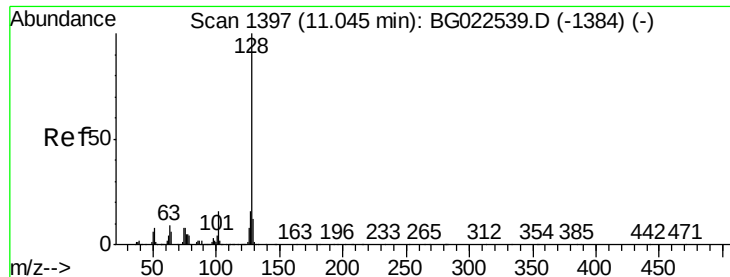
Tot Ion:162 Resp: 75  
Ion Ratio Lower Upper  
162 100  
164 0.0 44.3 84.3#  
98 0.0 19.5 59.5#



#30  
1,2,4-Trichlorobenzene  
Concen: 0.04 ng  
RT: 10.89 min Scan# 1370  
Delta R.T. 0.04 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

Tgt Ion:180 Resp: 441  
Ion Ratio Lower Upper  
180 100  
182 0.0 73.8 110.8#  
145 0.0 24.4 36.6#

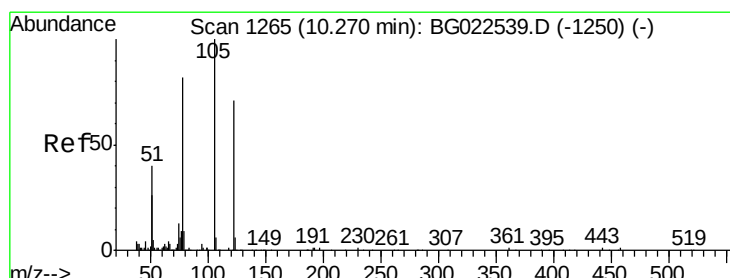
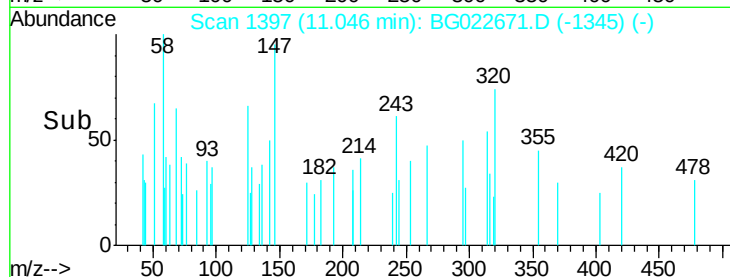
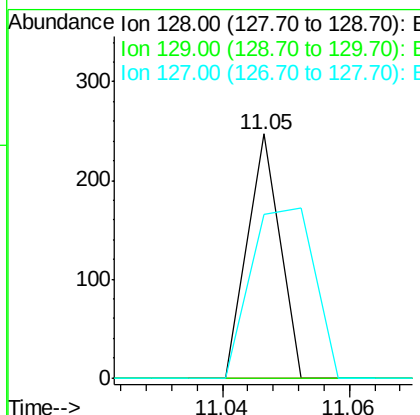
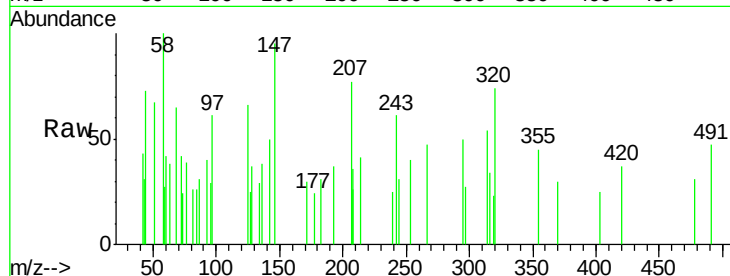




#31  
Naphthalene  
Concen: 0.00 ng  
RT: 11.05 min Scan# 1397  
Delta R.T. 0.01 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

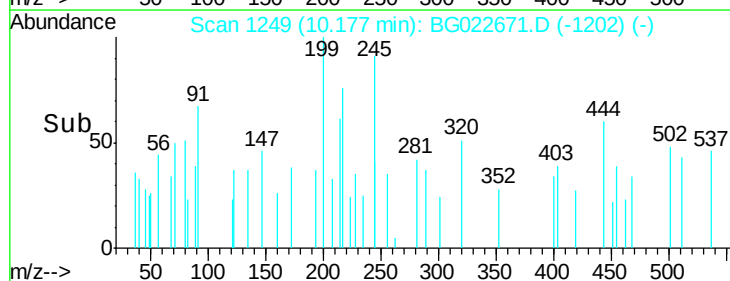
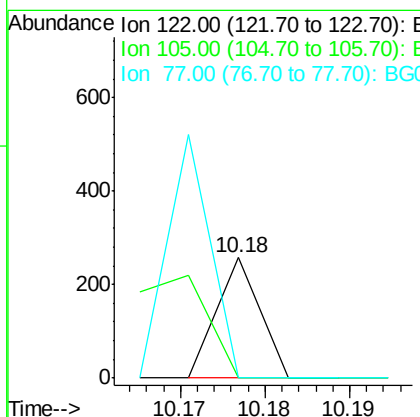
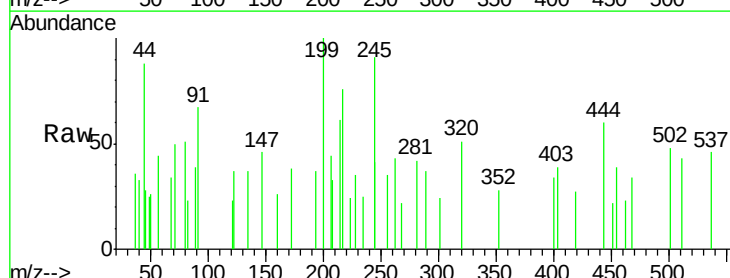
Instrument :  
BNA\_G  
ClientSampled :

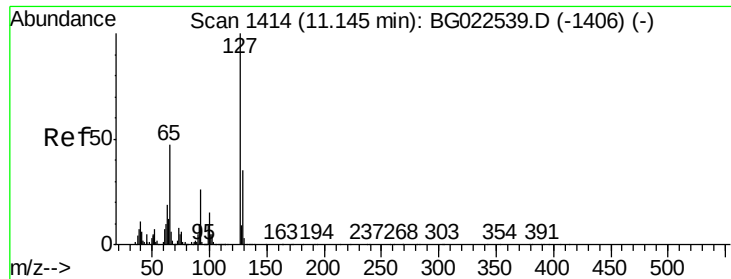
Tot Ion:128 Resp: 87  
Ion Ratio Lower Upper  
128 100  
129 0.0 9.4 14.0#  
127 66.8 11.3 16.9#



#32  
Benzoic acid  
Concen: 5.13 ng  
RT: 10.18 min Scan# 1249  
Delta R.T. -0.02 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

Tgt Ion:122 Resp: 91  
Ion Ratio Lower Upper  
122 100  
105 0.0 117.2 157.2#  
77 0.0 109.2 149.2#

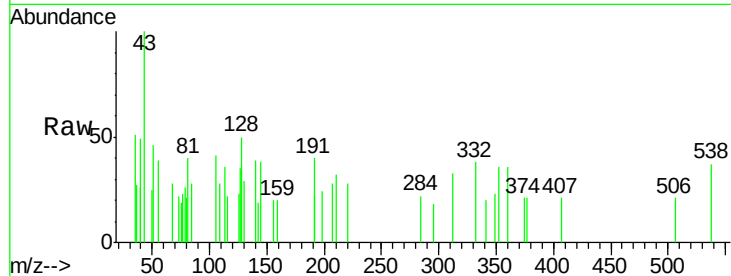




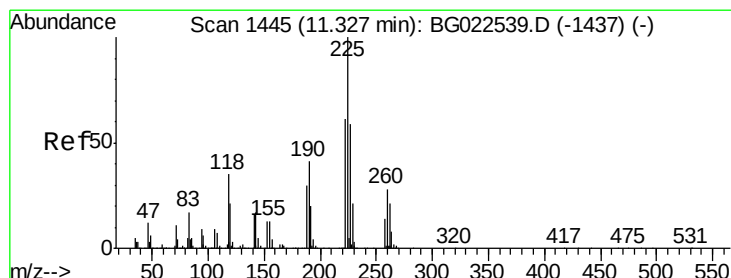
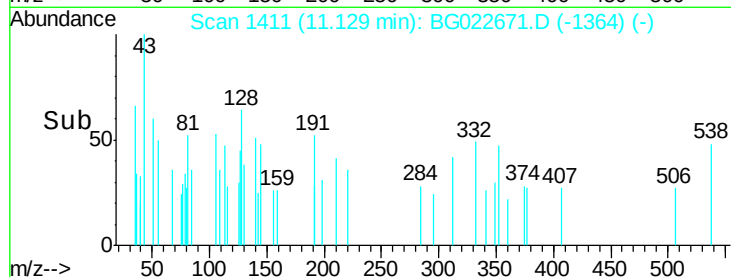
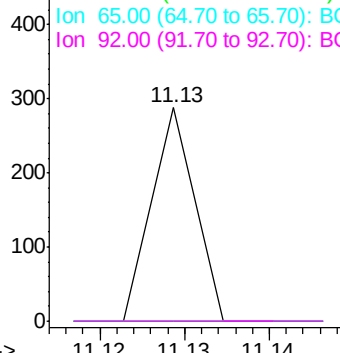
#33  
4-Chloroaniline  
Concen: 0.01 ng  
RT: 11.13 min Scan# 1411  
Delta R.T. -0.02 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

Instrument :  
BNA\_G  
ClientSampleId :

|          |        |       |       |
|----------|--------|-------|-------|
| Tot Ion: | 127.00 | Resp: | 101   |
| Ion      | Ratio  | Lower | Upper |
| 127      | 100    |       |       |
| 129      | 83.3   | 27.9  | 41.9# |
| 65       | 0.0    | 36.8  | 55.2# |
| 92       | 0.0    | 21.0  | 31.6# |

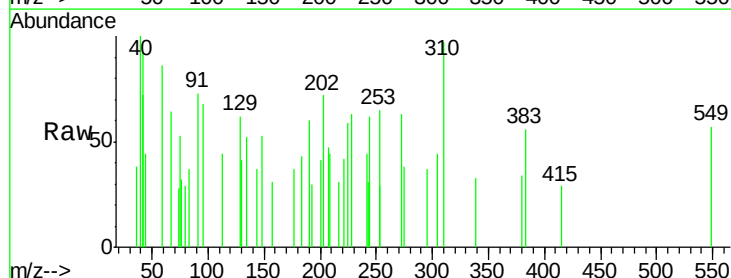


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

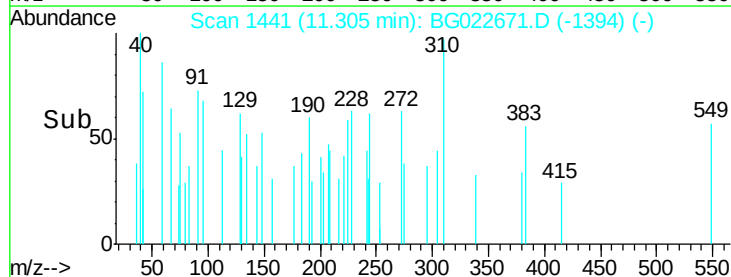
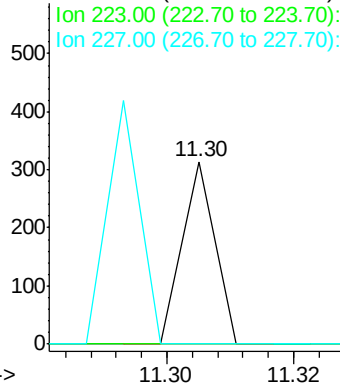


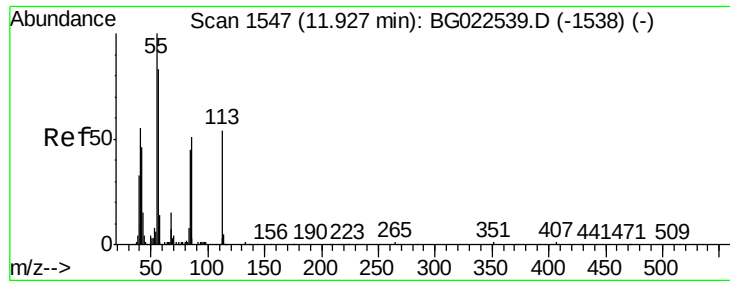
#34  
Hexachlorobutadiene  
Concen: 0.01 ng  
RT: 11.30 min Scan# 1441  
Delta R.T. -0.02 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

|          |        |       |       |
|----------|--------|-------|-------|
| Tgt Ion: | 225.00 | Resp: | 111   |
| Ion      | Ratio  | Lower | Upper |
| 225      | 100    |       |       |
| 223      | 0.0    | 49.6  | 74.4# |
| 227      | 0.0    | 54.5  | 81.7# |



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: 0.02 ng

RT: 11.90 min Scan# 1543

Delta R.T. 0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampleId :

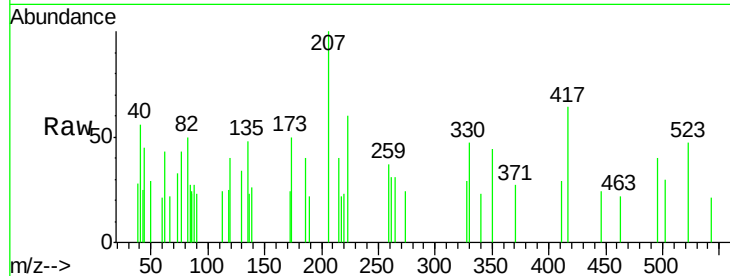
Tot Ion:113 Resp: 61

Ion Ratio Lower Upper

113 100

55 0.0 154.5 194.5#

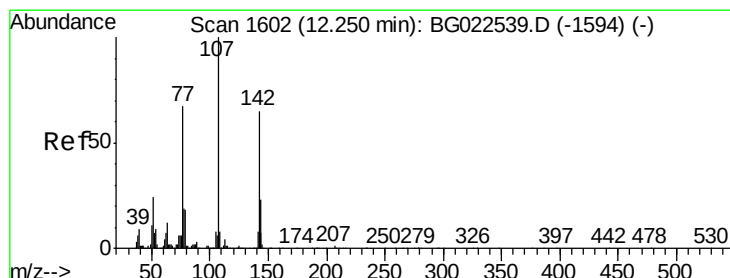
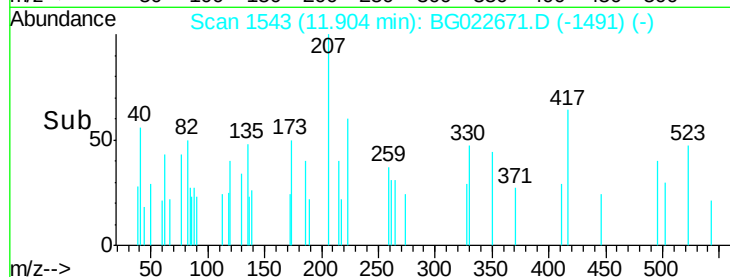
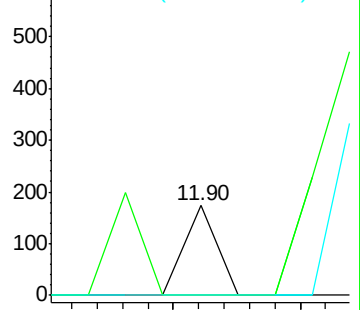
56 0.0 125.1 165.1#



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: 0.01 ng

RT: 12.28 min Scan# 1607

Delta R.T. 0.04 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

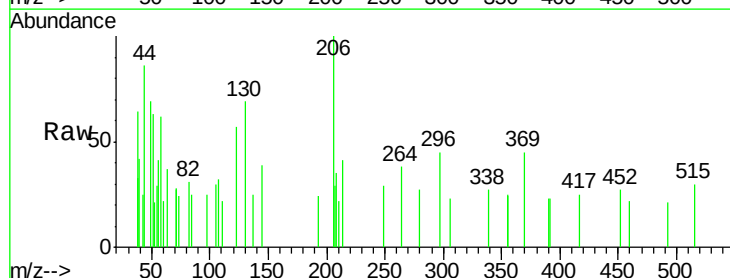
Tgt Ion:107 Resp: 85

Ion Ratio Lower Upper

107 100

144 119.0 17.0 25.6#

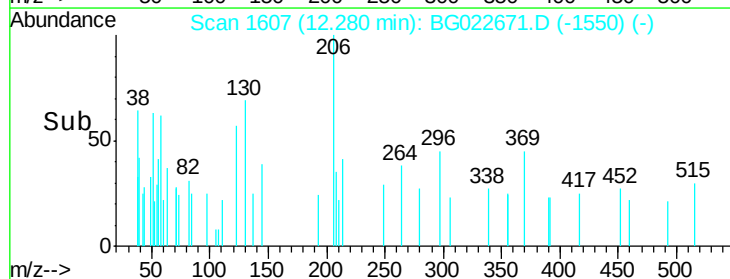
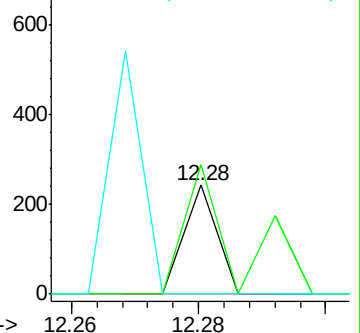
142 0.0 53.0 79.6#

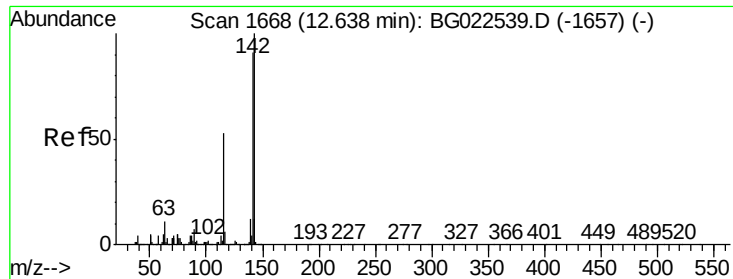


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

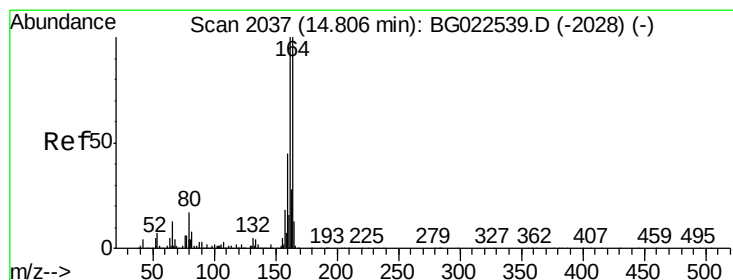
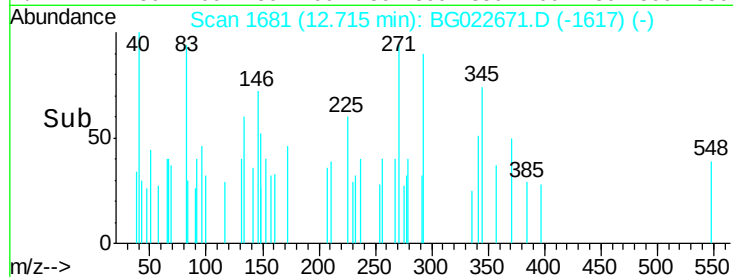
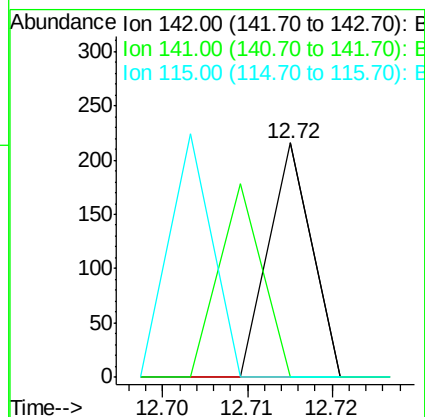
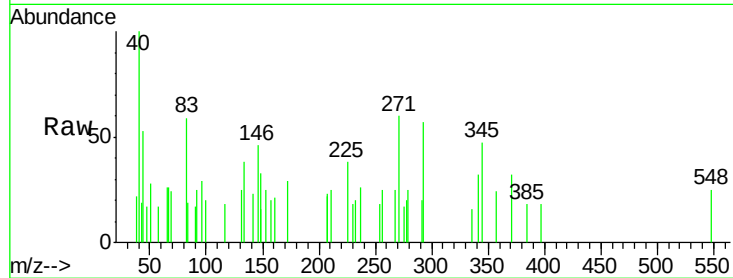




#37  
2-Methylnaphthalene  
Concen: 0.00 ng  
RT: 12.72 min Scan# 1681  
Delta R.T. 0.08 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

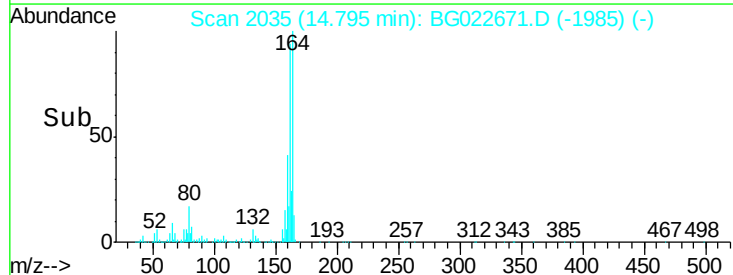
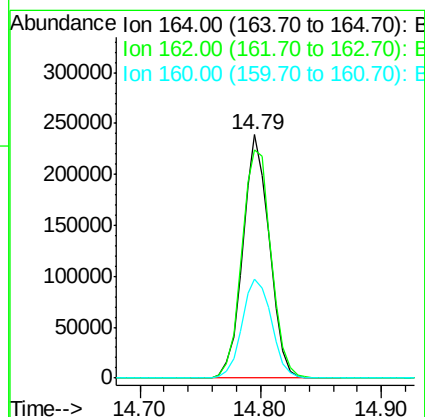
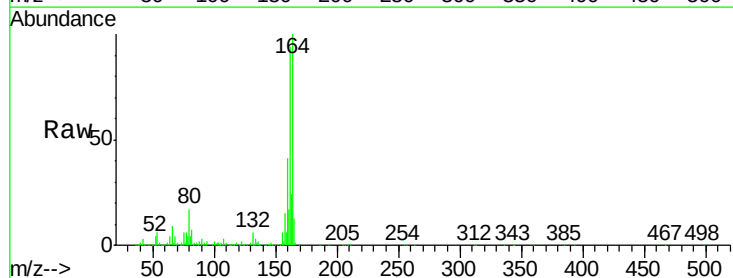
Instrument :  
BNA\_G  
ClientSampled :

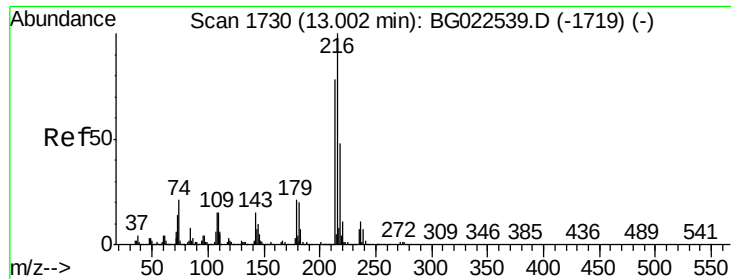
Tot Ion:142 Resp: 76  
Ion Ratio Lower Upper  
142 100  
141 0.0 70.2 105.2#  
115 0.0 41.7 62.5#



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.79 min Scan# 2035  
Delta R.T. -0.01 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

Tgt Ion:164 Resp: 365375  
Ion Ratio Lower Upper  
164 100  
162 93.7 87.7 131.5  
160 40.8 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.00 ng

RT: 12.92 min Scan# 1716

Delta R.T. -0.08 min

Lab File: BG022671.D

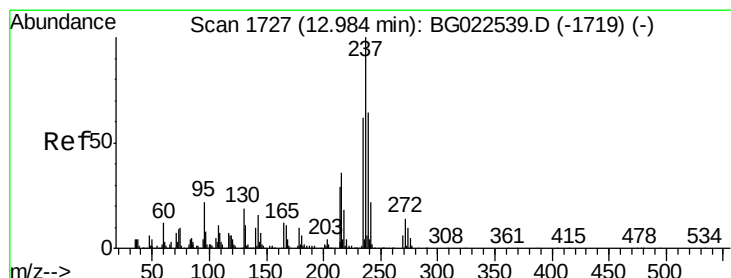
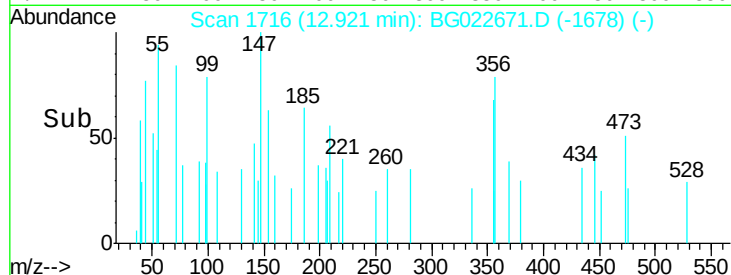
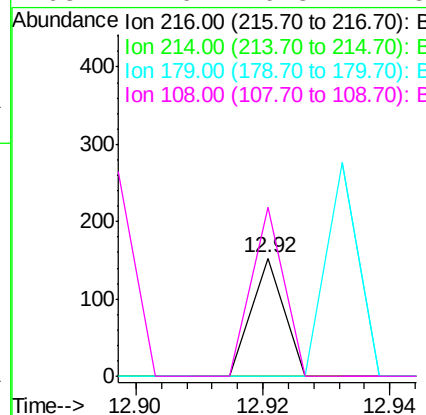
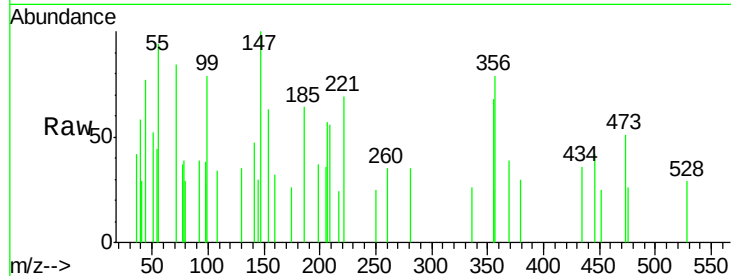
Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 216   | Resp: | 54    |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 0.0   | 62.9  | 94.3# |
| 179      | 179.6 | 17.2  | 25.8# |
| 108      | 142.6 | 16.3  | 24.5# |



#40

Hexachlorocyclopentadiene

Concen: 0.01 ng

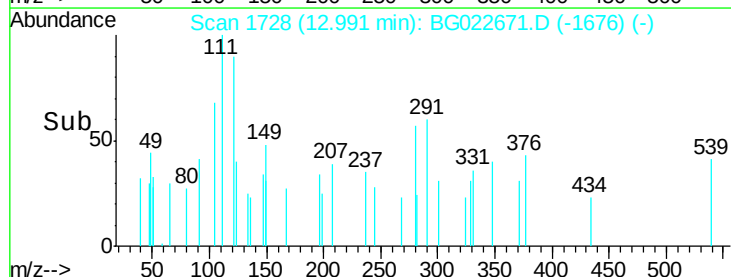
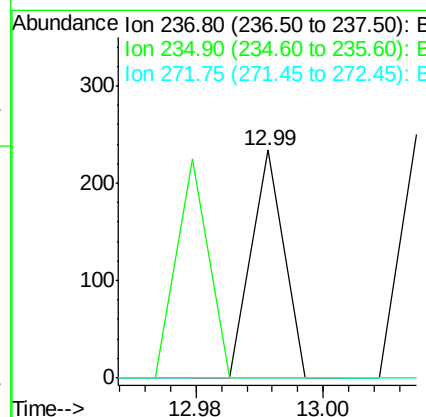
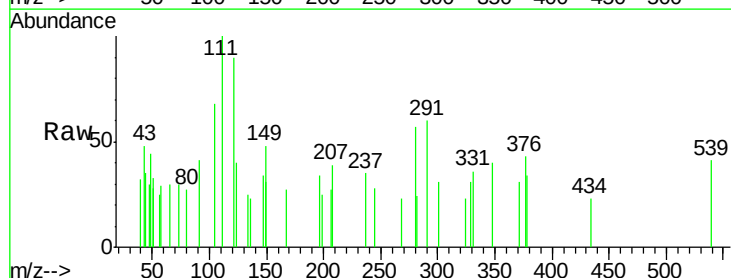
RT: 12.99 min Scan# 1728

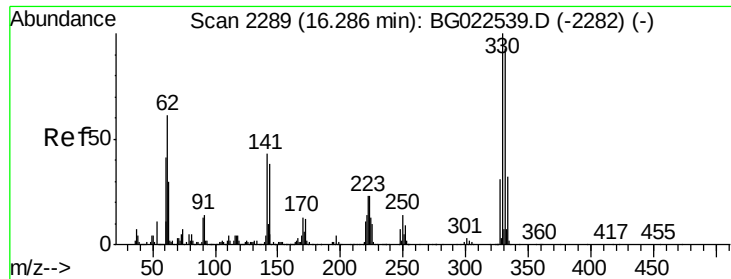
Delta R.T. 0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 82    |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 0.0   | 43.1  | 83.1# |
| 272      | 0.0   | 0.0   | 30.9  |

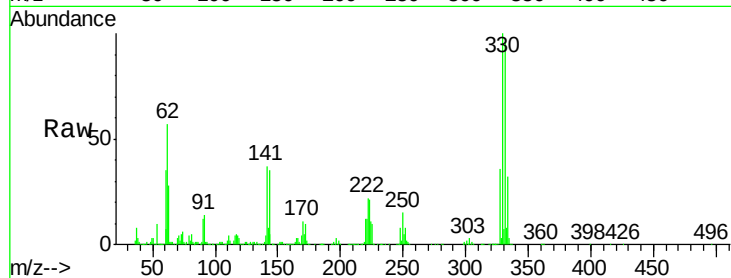




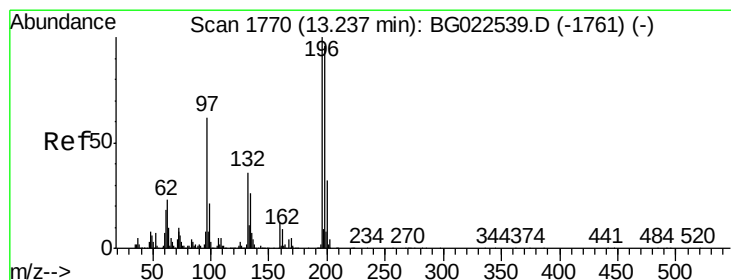
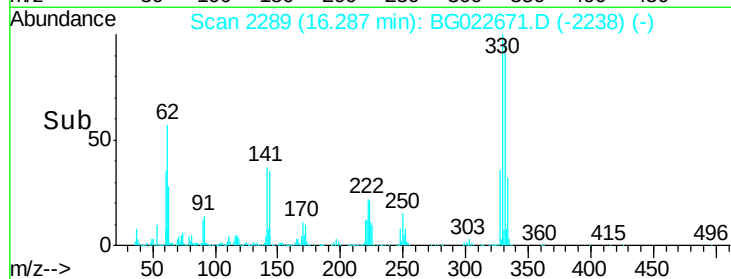
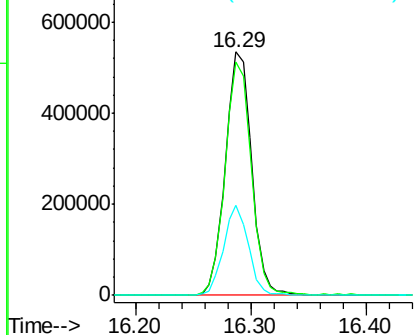
#41  
 2,4,6-Tribromophenol  
 Concen: 147.03 ng  
 RT: 16.29 min Scan# 2289  
 Delta R.T. 0.00 min  
 Lab File: BG022671.D  
 Acq: 28 Jun 2016 11:46

Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:330 Resp: 844976  
 Ion Ratio Lower Upper  
 330 100  
 332 95.7 77.4 116.2  
 141 34.9 31.7 47.5

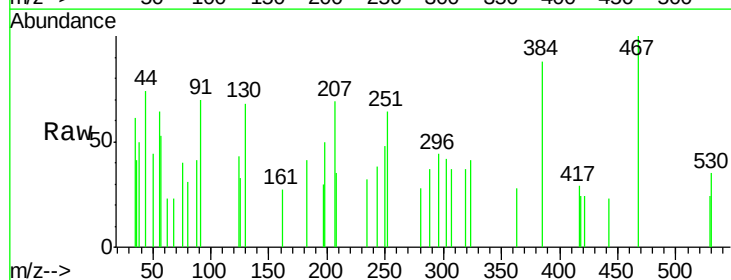


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

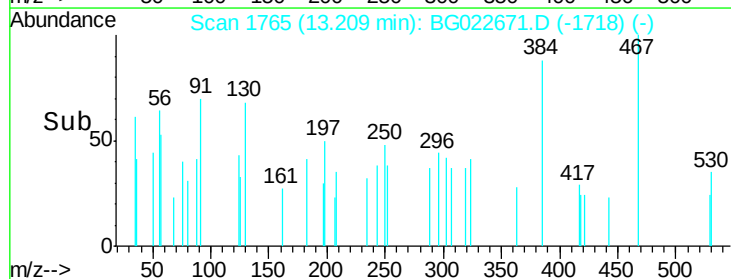
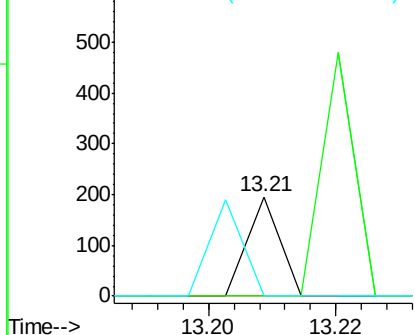


#42  
 2,4,6-Trichlorophenol  
 Concen: 0.01 ng  
 RT: 13.21 min Scan# 1765  
 Delta R.T. -0.02 min  
 Lab File: BG022671.D  
 Acq: 28 Jun 2016 11:46

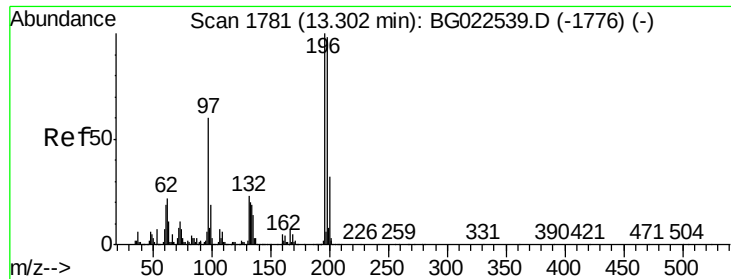
Tgt Ion:196 Resp: 69  
 Ion Ratio Lower Upper  
 196 100  
 198 0.0 78.2 117.2#  
 200 0.0 27.0 40.4#



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



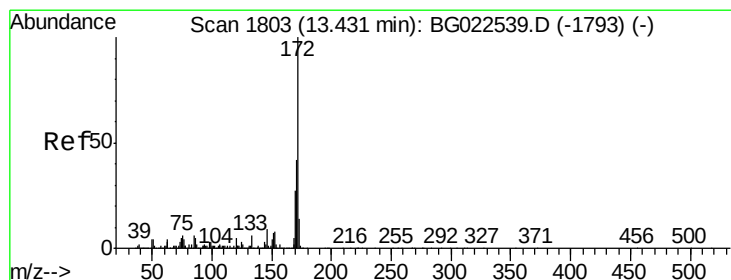
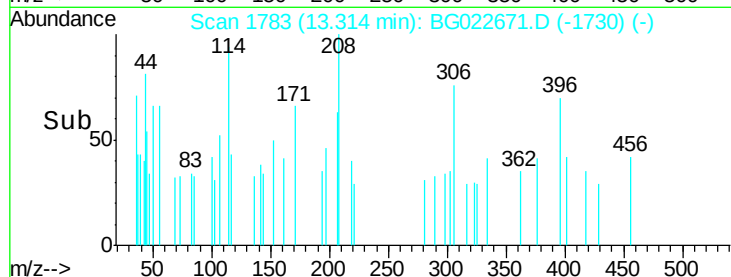
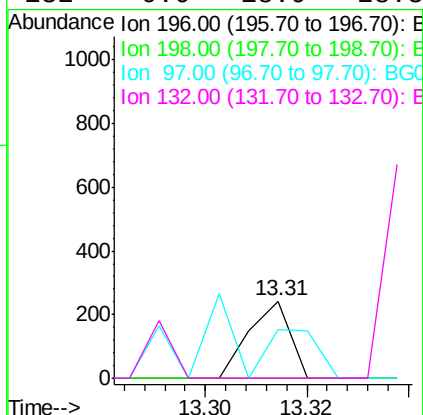
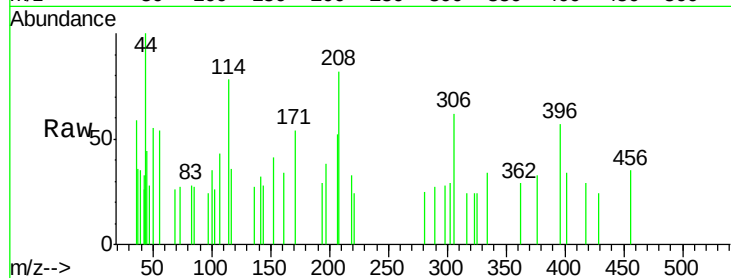




#43  
2,4,5-Trichlorophenol  
Concen: 0.02 ng  
RT: 13.31 min Scan# 1783  
Delta R.T. 0.01 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

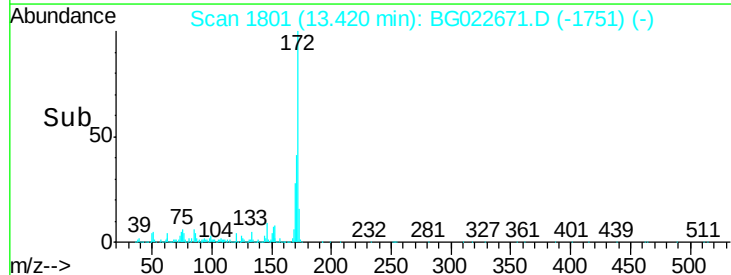
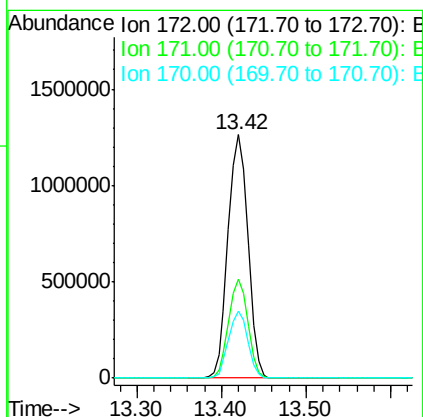
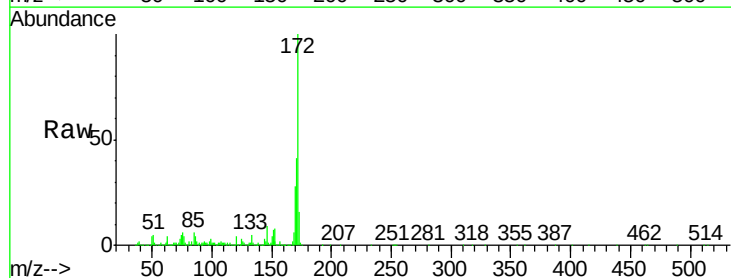
Instrument :  
BNA\_G  
ClientSampleId :

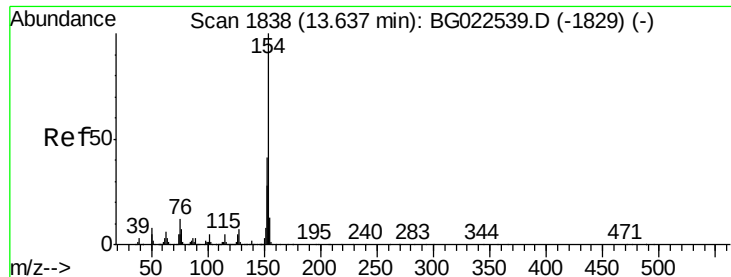
Tot Ion:196 Resp: 139  
Ion Ratio Lower Upper  
196 100  
198 0.0 85.7 128.5#  
97 63.8 45.5 68.3  
132 0.0 18.9 28.3#



#44  
2-Fluorobiphenyl  
Concen: 89.05 ng  
RT: 13.42 min Scan# 1801  
Delta R.T. -0.01 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

Tgt Ion:172 Resp: 2051612  
Ion Ratio Lower Upper  
172 100  
171 40.8 31.6 47.4  
170 27.6 21.3 31.9

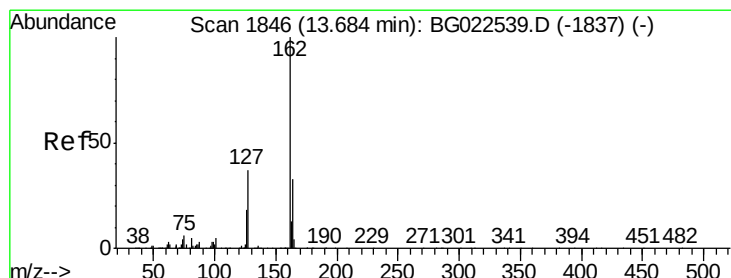
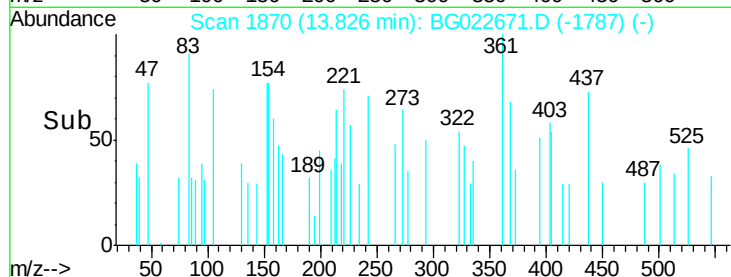
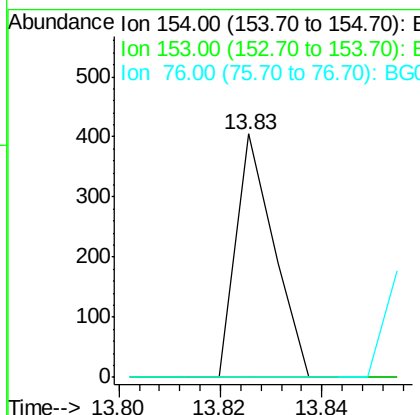
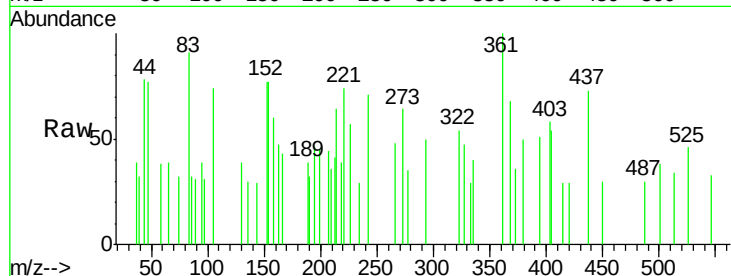




#45  
 1,1'-Biphenyl  
 Concen: 0.01 ng  
 RT: 13.83 min Scan# 1870  
 Delta R.T. 0.19 min  
 Lab File: BG022671.D  
 Acq: 28 Jun 2016 11:46

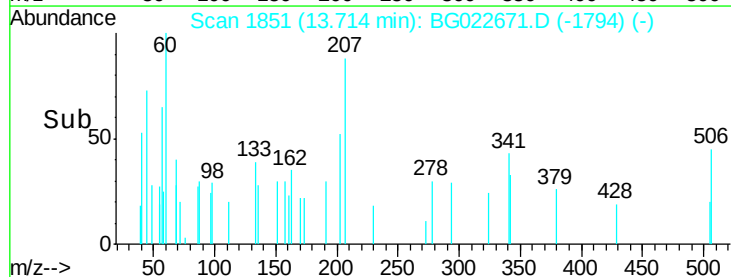
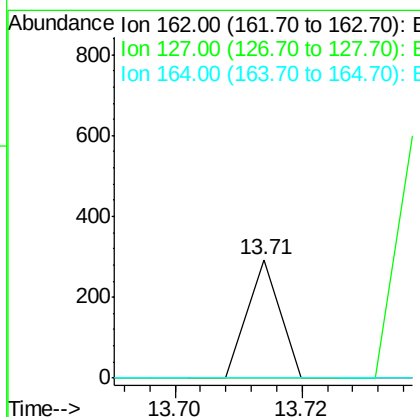
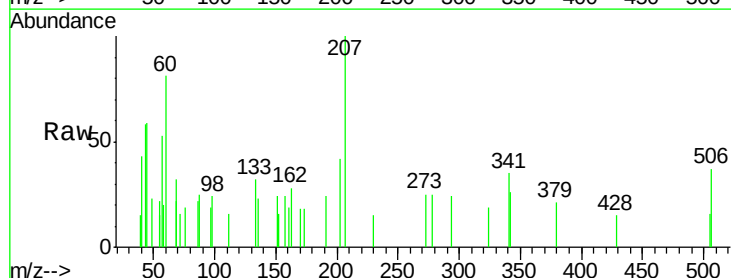
Instrument :  
 BNA\_G  
 ClientSampleId :

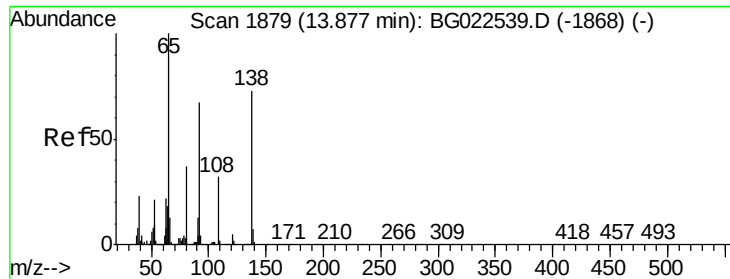
Tot Ion:154 Resp: 210  
 Ion Ratio Lower Upper  
 154 100  
 153 0.0 20.2 60.2#  
 76 0.0 0.0 32.9



#46  
 2-Chloronaphthalene  
 Concen: 0.00 ng  
 RT: 13.71 min Scan# 1851  
 Delta R.T. 0.04 min  
 Lab File: BG022671.D  
 Acq: 28 Jun 2016 11:46

Tgt Ion:162 Resp: 103  
 Ion Ratio Lower Upper  
 162 100  
 127 0.0 32.4 48.6#  
 164 0.0 25.2 37.8#

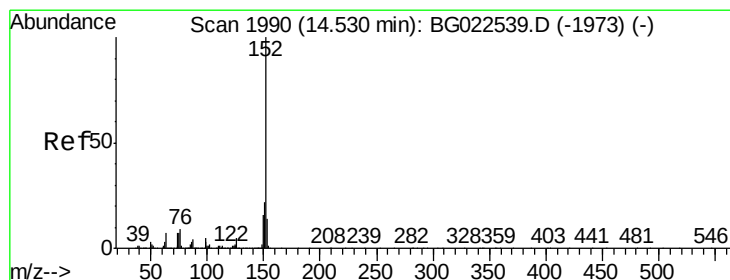
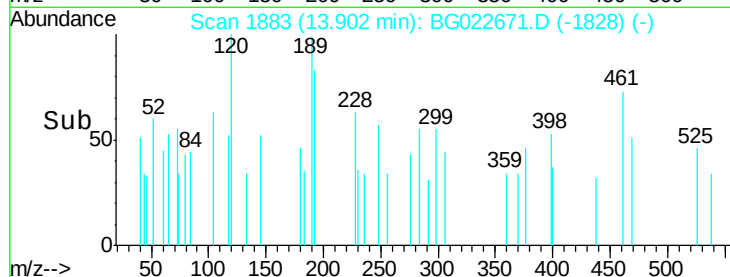
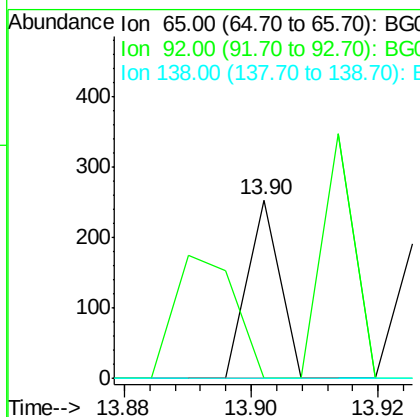
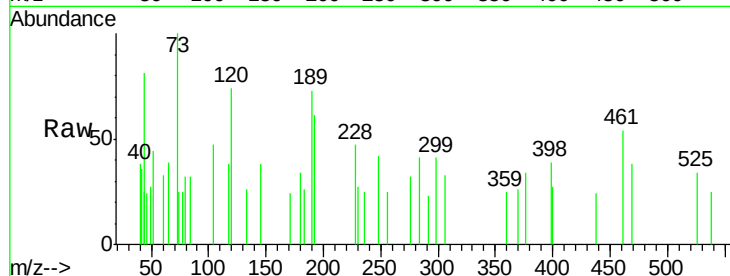




#47  
2-Nitroaniline  
Concen: 0.01 ng  
RT: 13.90 min Scan# 1883  
Delta R.T. 0.02 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

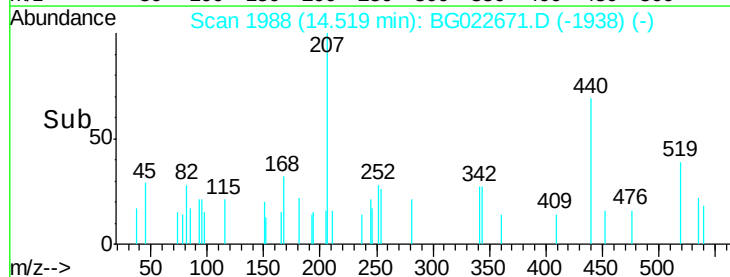
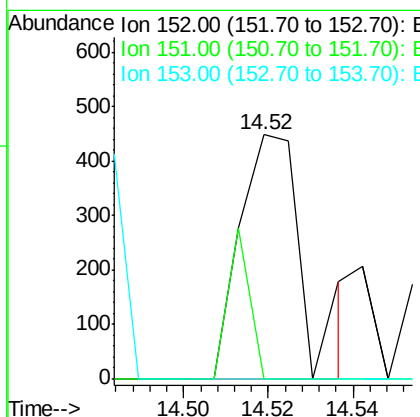
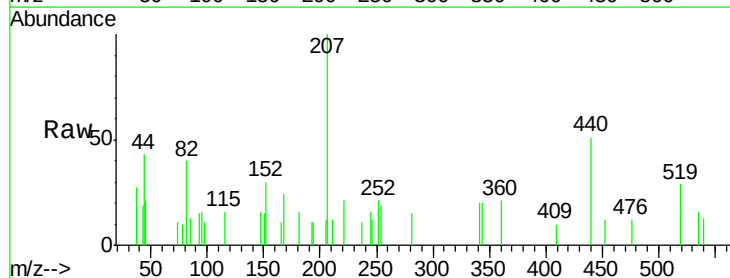
Instrument :  
BNA\_G  
ClientSampleId :

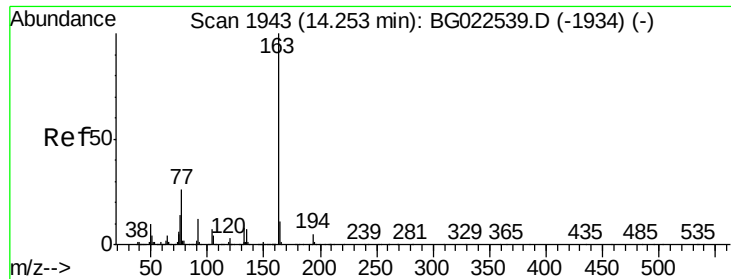
Tot Ion: 65 Resp: 89  
Ion Ratio Lower Upper  
65 100  
92 0.0 49.4 74.0#  
138 0.0 58.0 87.0#



#48  
Acenaphthylene  
Concen: 0.01 ng  
RT: 14.52 min Scan# 1988  
Delta R.T. -0.01 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

Tgt Ion: 152 Resp: 472  
Ion Ratio Lower Upper  
152 100  
151 0.0 17.6 26.4#  
153 0.0 11.4 17.2#





#49

Dimethylphthalate

Concen: 0.01 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampleId :

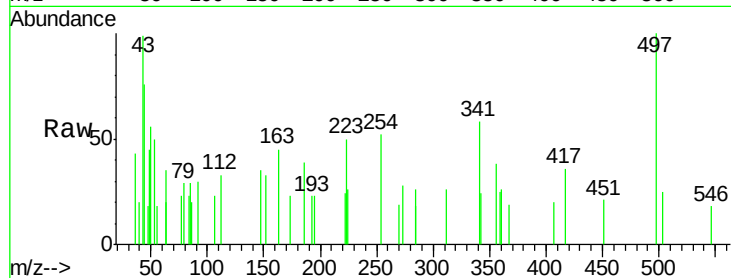
Tot Ion:163 Resp: 268

Ion Ratio Lower Upper

163 100

194 51.9 3.6 5.4#

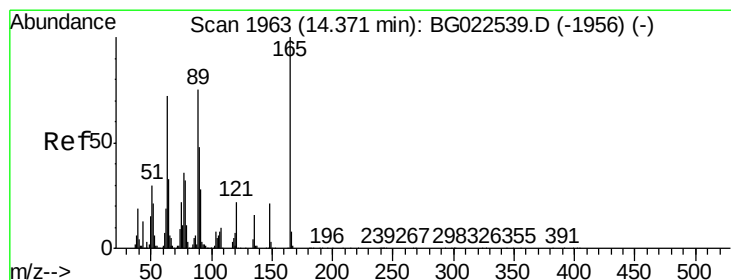
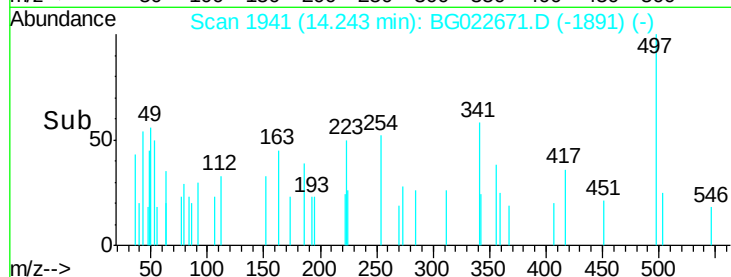
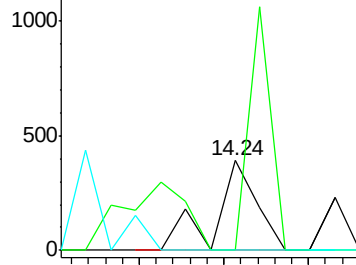
164 0.0 8.1 12.1#



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: 0.02 ng

RT: 14.39 min Scan# 1966

Delta R.T. 0.02 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

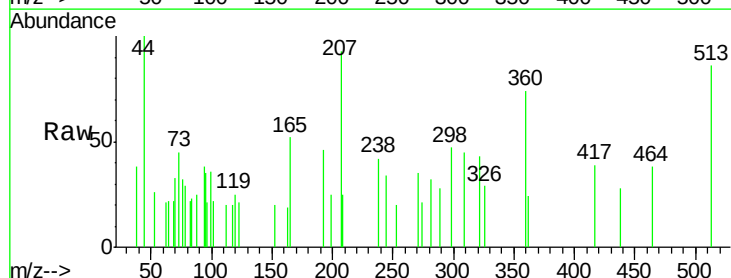
Tgt Ion:165 Resp: 147

Ion Ratio Lower Upper

165 100

63 0.0 64.3 96.5#

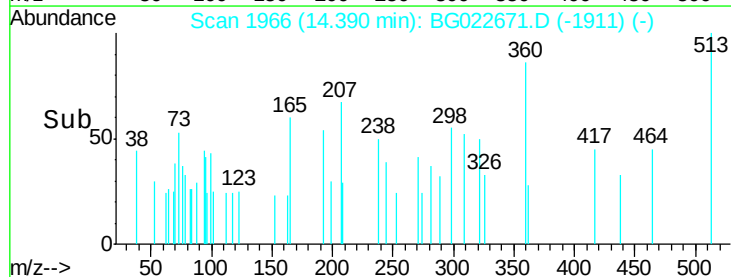
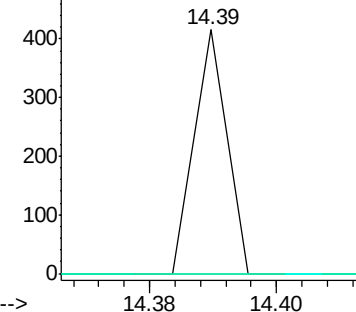
89 0.0 64.3 96.5#

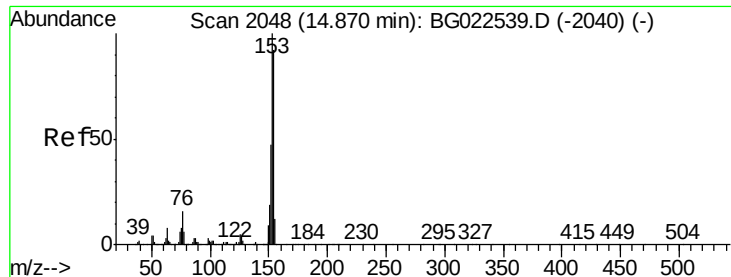


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 0.01 ng

RT: 14.85 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BG022671.D

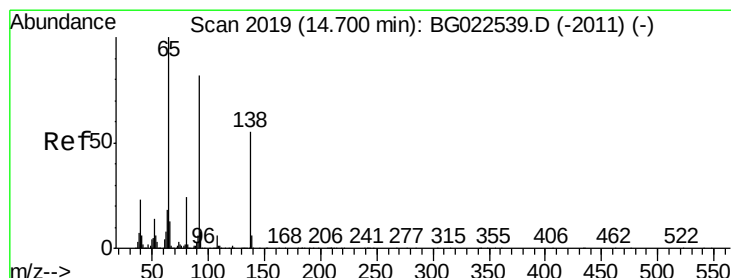
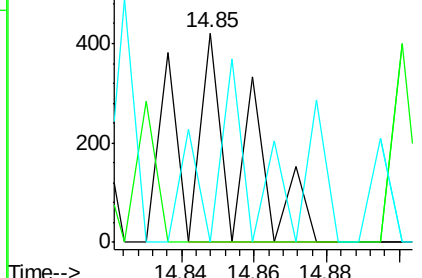
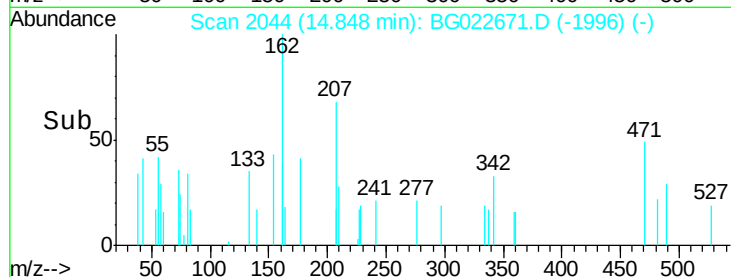
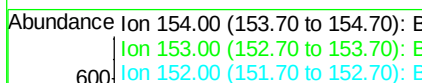
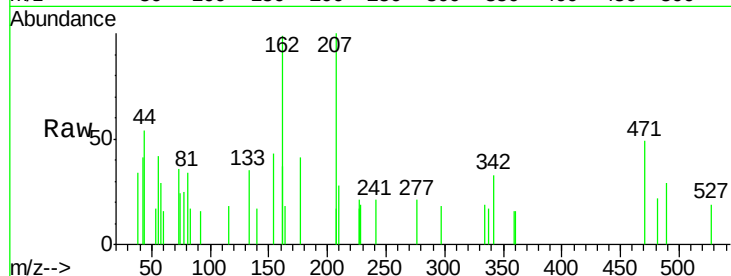
Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampled :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 154   | Resp: | 320    |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 0.0   | 87.5  | 131.3# |
| 152      | 0.0   | 42.7  | 64.1#  |



#52

3-Nitroaniline

Concen: 0.02 ng

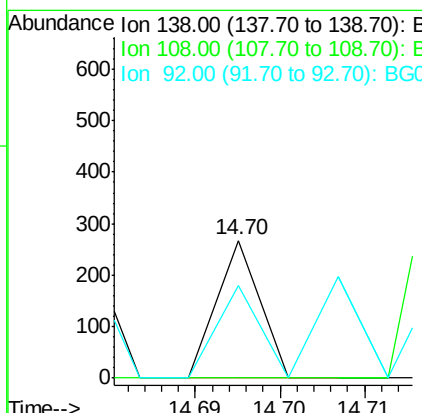
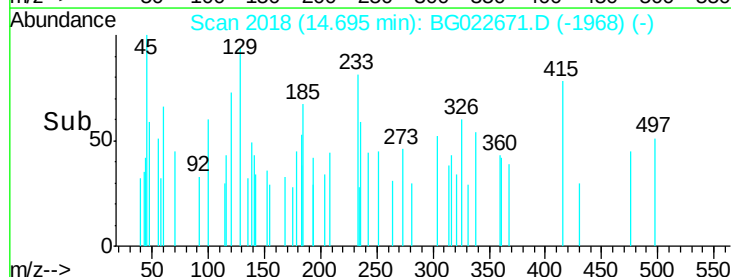
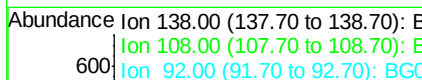
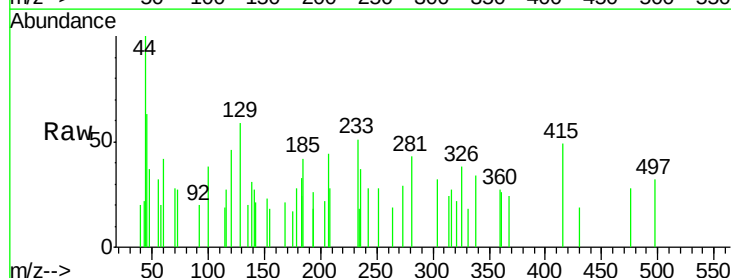
RT: 14.70 min Scan# 2018

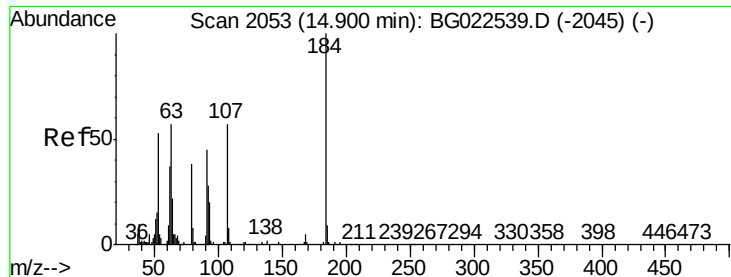
Delta R.T. -0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 138   | Resp: | 95     |
| Ion      | Ratio | Lower | Upper  |
| 138      | 100   |       |        |
| 108      | 0.0   | 11.7  | 17.5#  |
| 92       | 66.8  | 129.7 | 194.5# |





#53

2,4-Dinitrophenol

Concen: 0.02 ng

RT: 14.92 min Scan# 2057

Delta R.T. 0.03 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampleId :

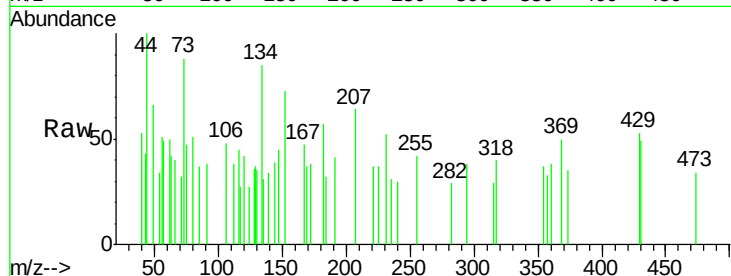
Tot Ion:184 Resp: 63

Ion Ratio Lower Upper

184 100

63 130.2 59.6 89.4#

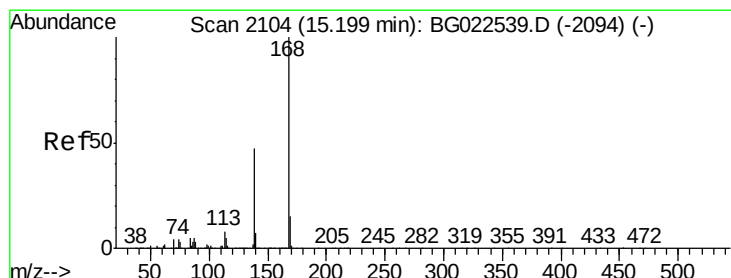
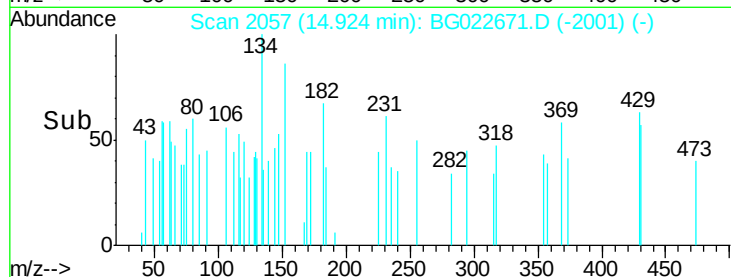
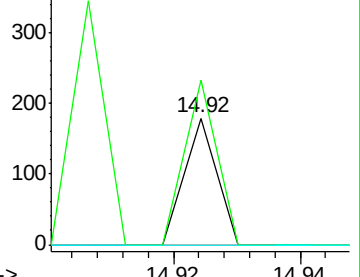
154 0.0 67.4 101.0#



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: 0.00 ng

RT: 15.21 min Scan# 2105

Delta R.T. 0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

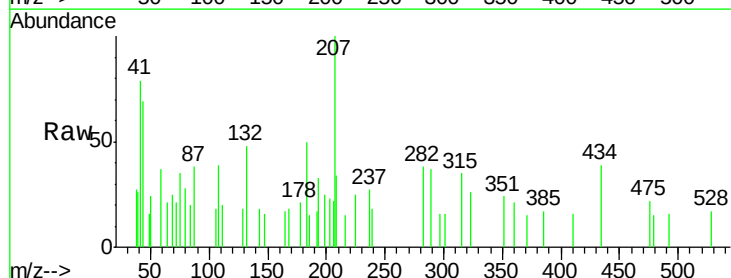
Tgt Ion:168 Resp: 64

Ion Ratio Lower Upper

168 100

139 0.0 36.4 54.6#

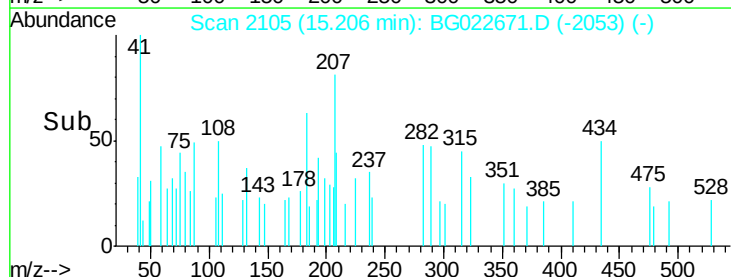
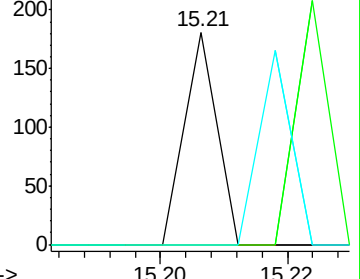
169 0.0 11.9 17.9#

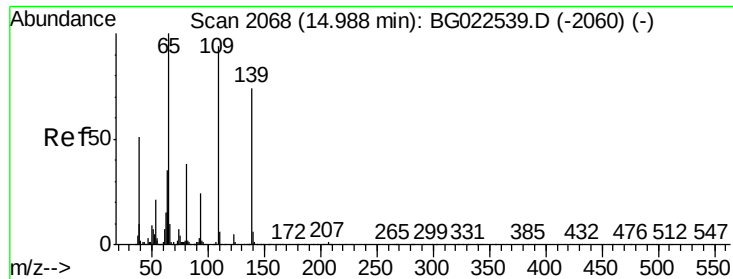


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

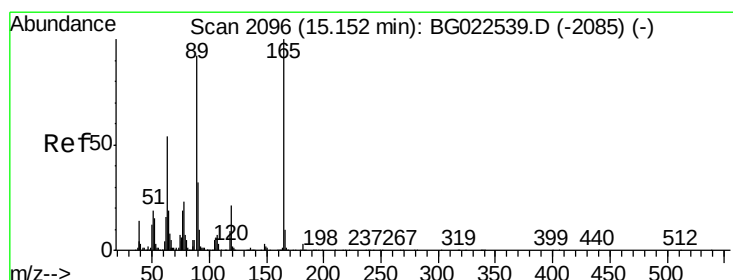
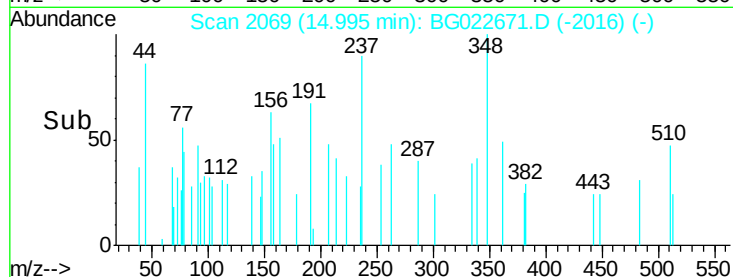
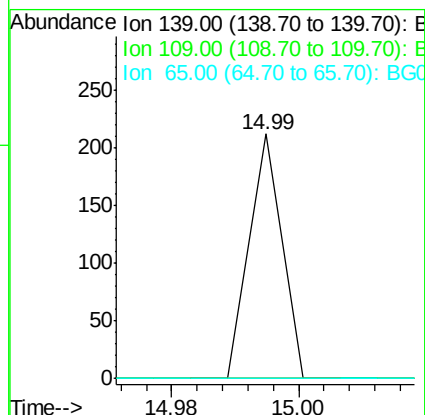
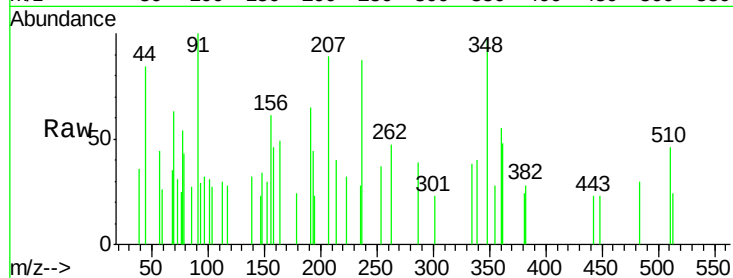




#55  
4-Nitrophenol  
Concen: 0.01 ng  
RT: 14.99 min Scan# 2069  
Delta R.T. 0.01 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

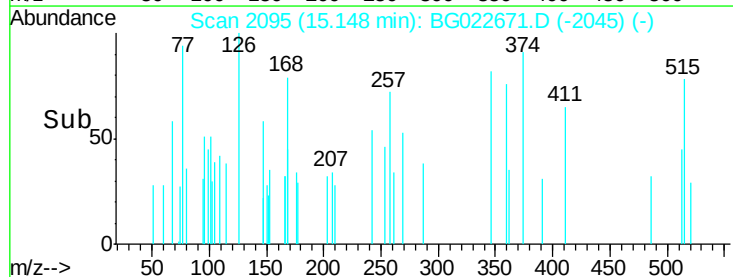
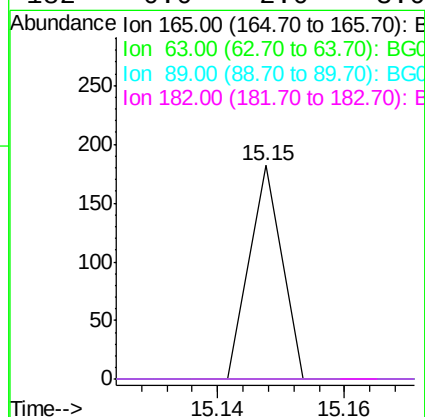
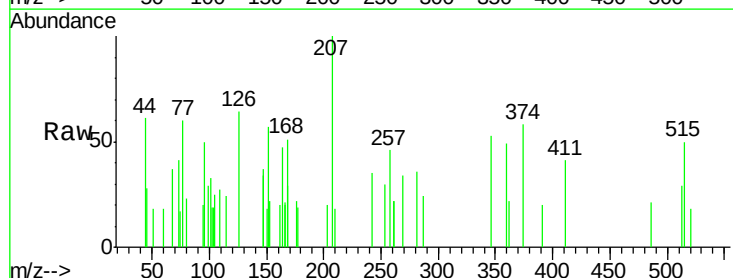
Instrument :  
BNA\_G  
ClientSampleId :

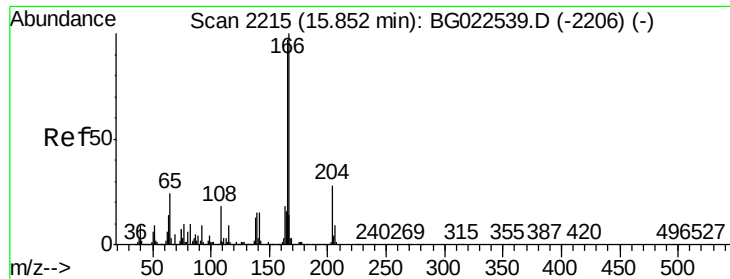
Tot Ion:139 Resp: 75  
Ion Ratio Lower Upper  
139 100  
109 0.0 103.0 143.0#  
65 0.0 112.7 152.7#



#56  
2,4-Dinitrotoluene  
Concen: 0.01 ng  
RT: 15.15 min Scan# 2095  
Delta R.T. -0.01 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

Tgt Ion:165 Resp: 64  
Ion Ratio Lower Upper  
165 100  
63 0.0 45.8 68.6#  
89 0.0 68.6 102.8#  
182 0.0 2.0 3.0#

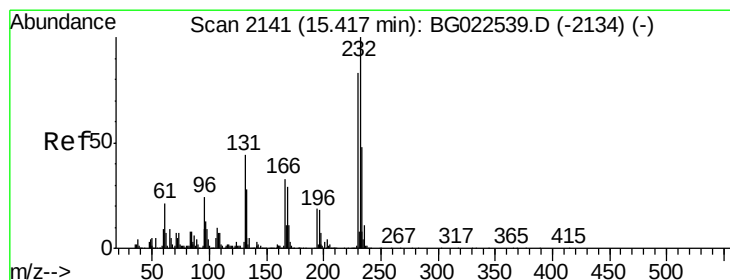
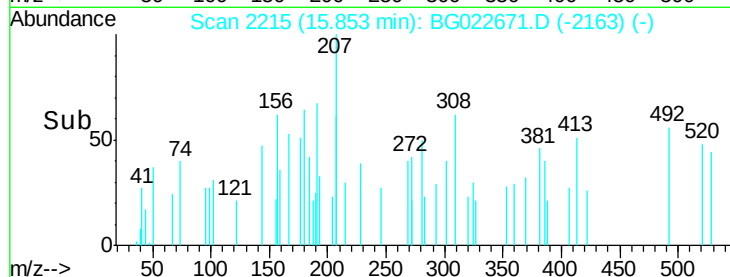
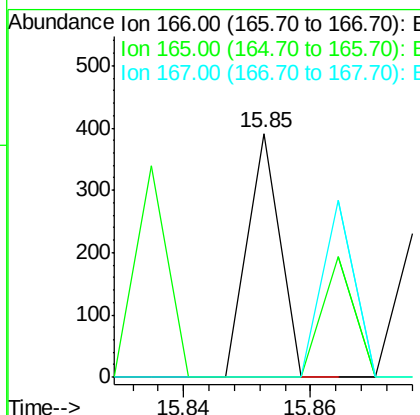
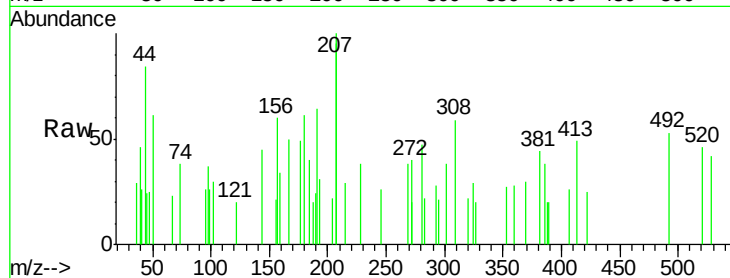




#57  
 Fluorene  
 Concen: 0.00 ng  
 RT: 15.85 min Scan# 2215  
 Delta R.T. 0.01 min  
 Lab File: BG022671.D  
 Acq: 28 Jun 2016 11:46

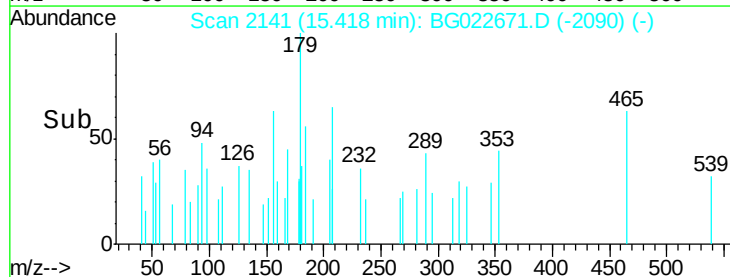
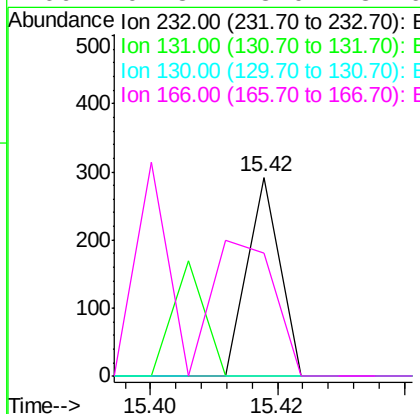
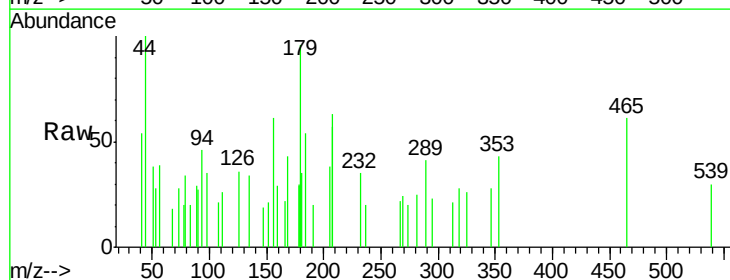
Instrument :  
 BNA\_G  
 ClientSampleId :

Tot Ion:166 Resp: 138  
 Ion Ratio Lower Upper  
 166 100  
 165 0.0 81.0 121.6#  
 167 0.0 12.0 18.0#

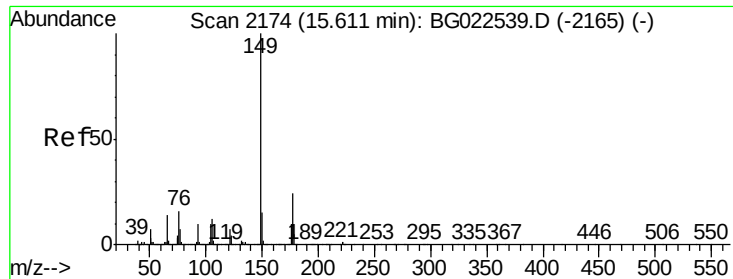


#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 0.01 ng  
 RT: 15.42 min Scan# 2141  
 Delta R.T. 0.00 min  
 Lab File: BG022671.D  
 Acq: 28 Jun 2016 11:46

Tgt Ion:232 Resp: 103  
 Ion Ratio Lower Upper  
 232 100  
 131 58.3 32.7 49.1#  
 130 0.0 2.6 3.8#  
 166 107.8 23.0 34.6#



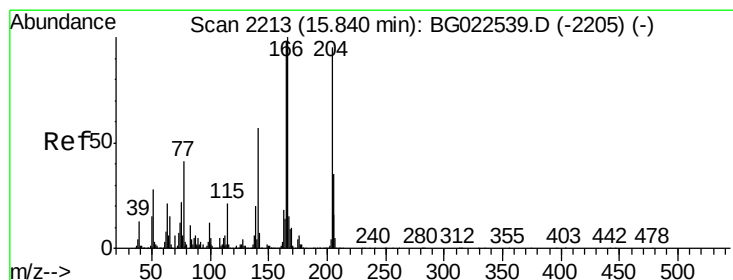
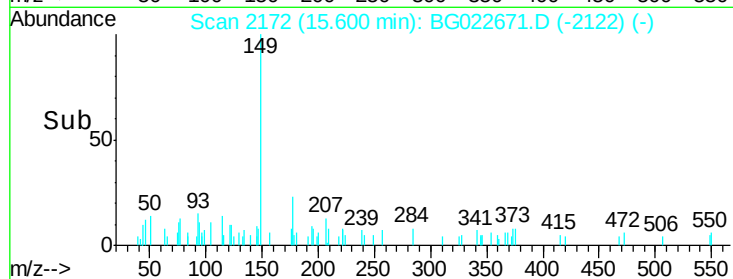
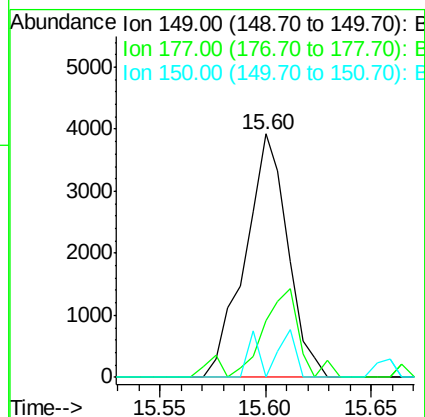
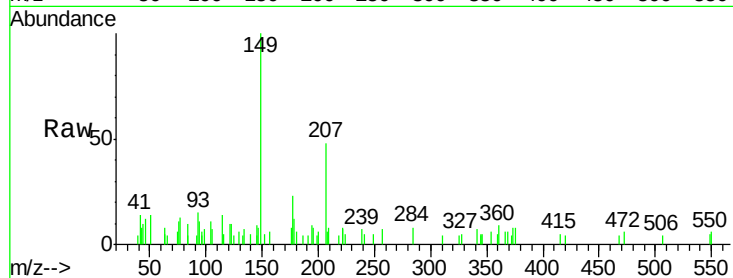




#59  
Diethylphthalate  
Concen: 0.18 ng  
RT: 15.60 min Scan# 2172  
Delta R.T. -0.01 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

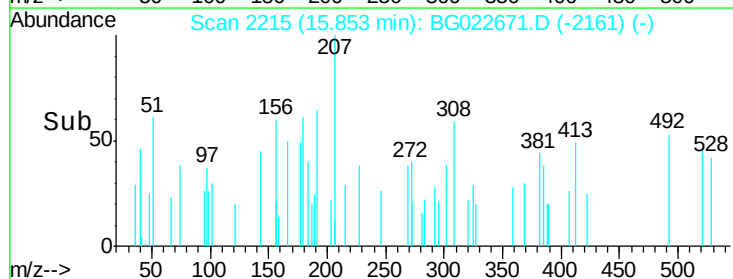
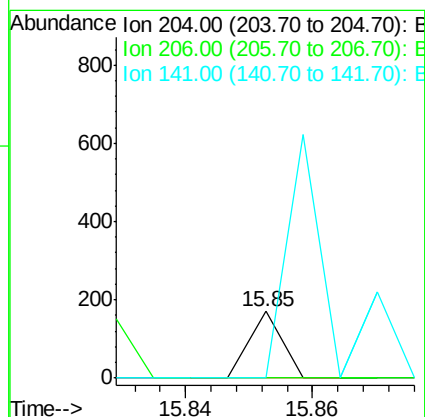
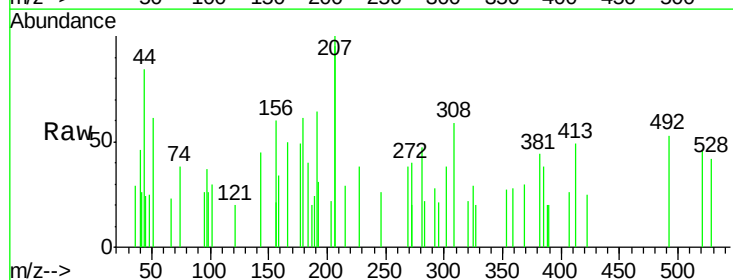
Instrument :  
BNA\_G  
ClientSampled :

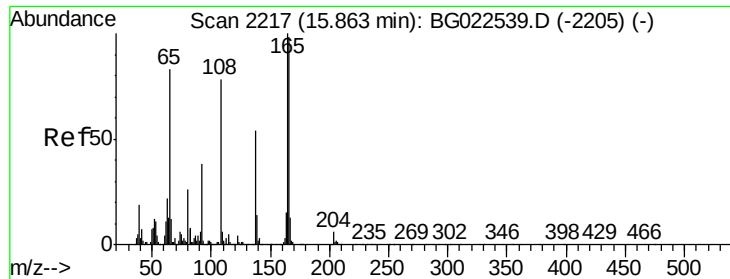
Tot Ion:149 Resp: 5490  
Ion Ratio Lower Upper  
149 100  
177 23.4 19.2 28.8  
150 0.0 10.6 16.0#



#60  
4-Chlorophenyl-phenylether  
Concen: 0.00 ng  
RT: 15.85 min Scan# 2215  
Delta R.T. 0.02 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

Tgt Ion:204 Resp: 60  
Ion Ratio Lower Upper  
204 100  
206 0.0 28.5 42.7#  
141 0.0 51.4 77.0#

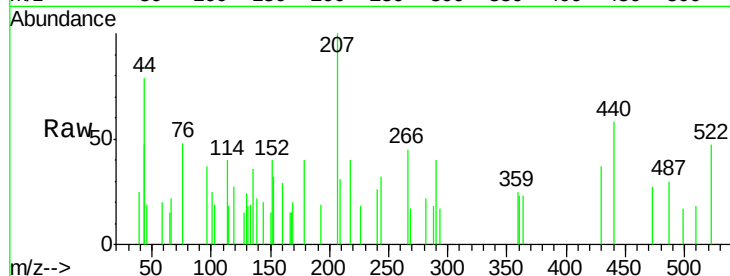




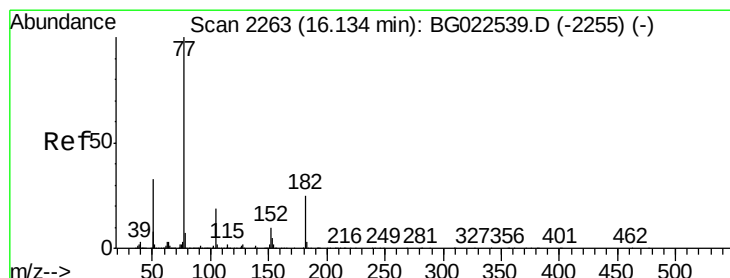
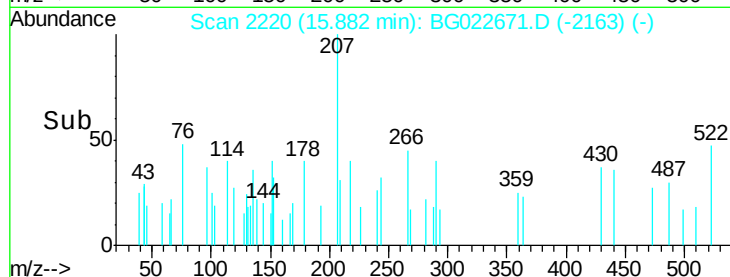
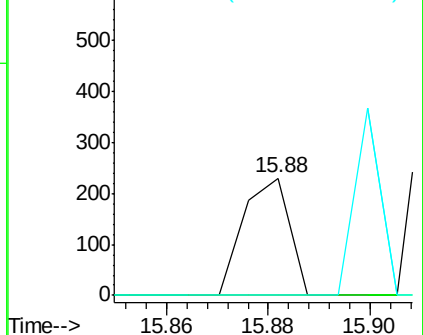
#61  
4-Nitroaniline  
Concen: 0.02 ng  
RT: 15.88 min Scan# 2220  
Delta R.T. 0.04 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

Instrument :  
BNA\_G  
ClientSampled :

Tot Ion:138 Resp: 147  
Ion Ratio Lower Upper  
138 100  
92 0.0 54.1 94.1#  
108 0.0 133.9 173.9#

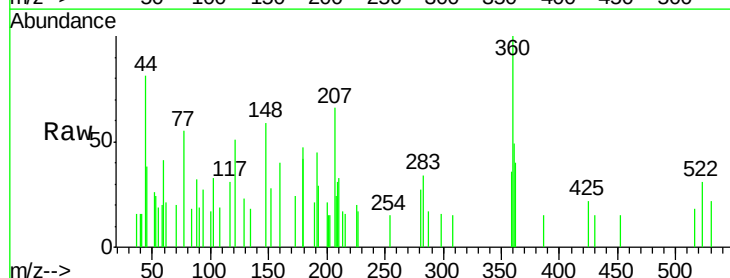


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 108.00 (107.70 to 108.70): E

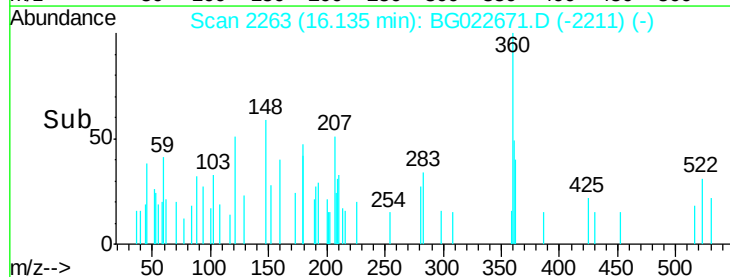
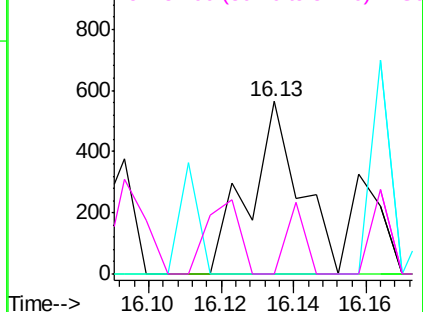


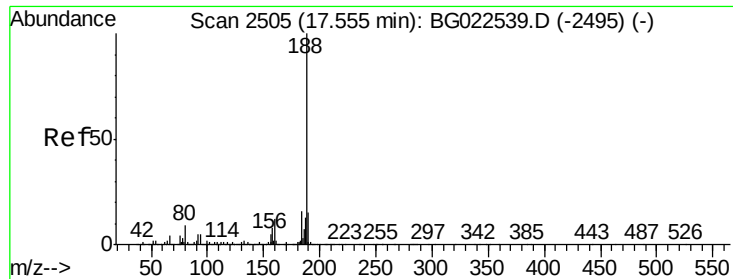
#62  
Azobenzene  
Concen: 0.02 ng  
RT: 16.13 min Scan# 2263  
Delta R.T. 0.01 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

Tgt Ion: 77 Resp: 544  
Ion Ratio Lower Upper  
77 100  
182 0.0 3.5 43.5#  
105 0.0 0.0 38.5  
51 0.0 17.1 57.1#



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

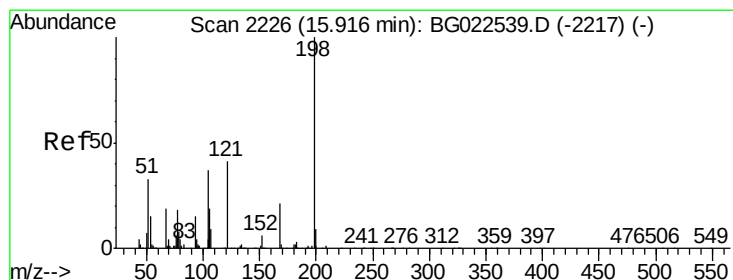
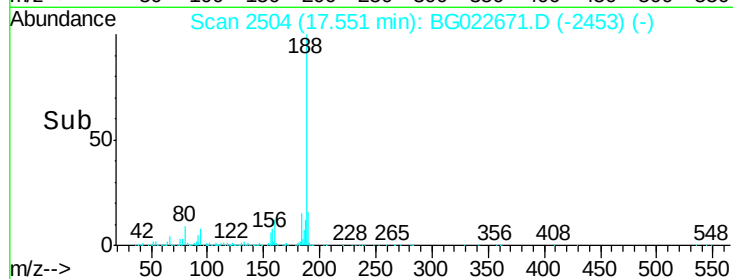
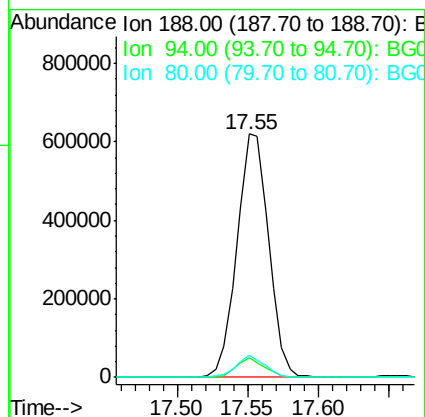
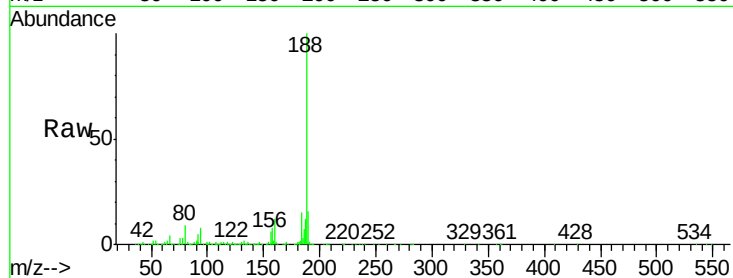




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.55 min Scan# 2504  
Delta R.T. 0.00 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

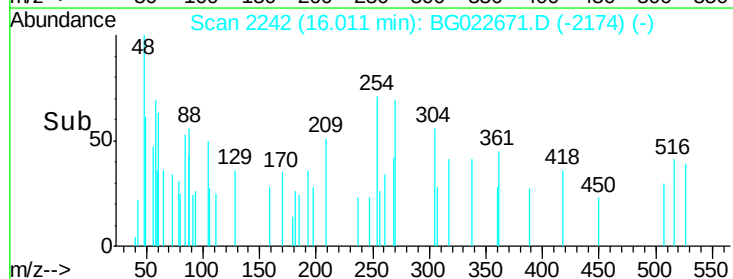
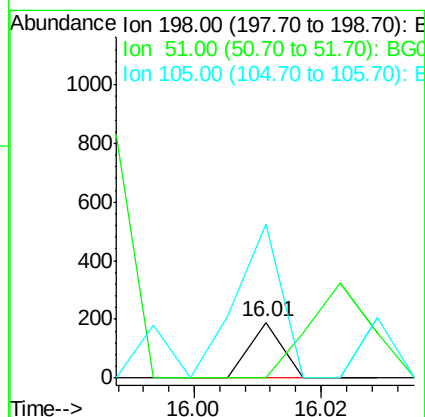
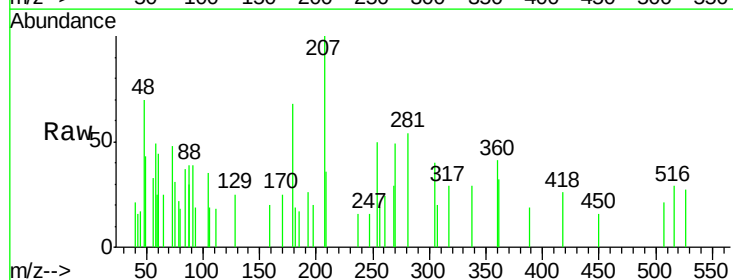
Instrument :  
BNA\_G  
ClientSampleId :

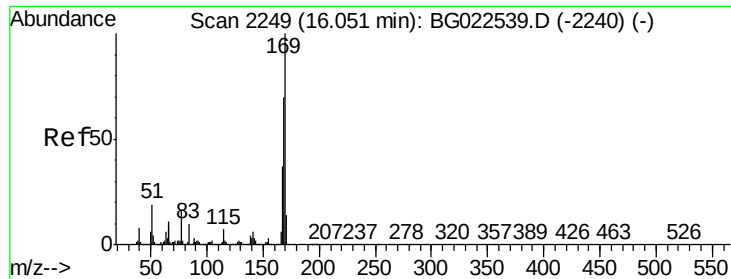
Tot Ion:188 Resp: 974081  
Ion Ratio Lower Upper  
188 100  
94 8.0 5.2 7.8#  
80 9.2 7.2 10.8



#64  
4,6-Dinitro-2-methylphenol  
Concen: 0.01 ng  
RT: 16.01 min Scan# 2242  
Delta R.T. 0.10 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

Tgt Ion:198 Resp: 67  
Ion Ratio Lower Upper  
198 100  
51 0.0 26.0 66.0#  
105 277.4 20.1 60.1#

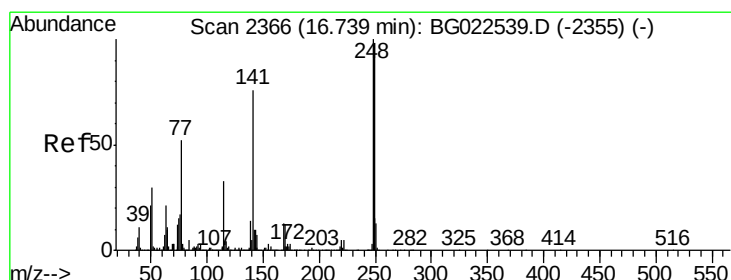
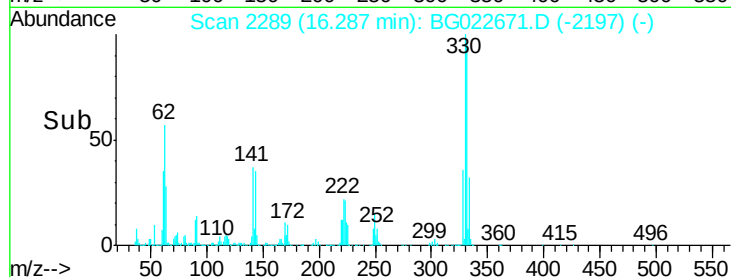
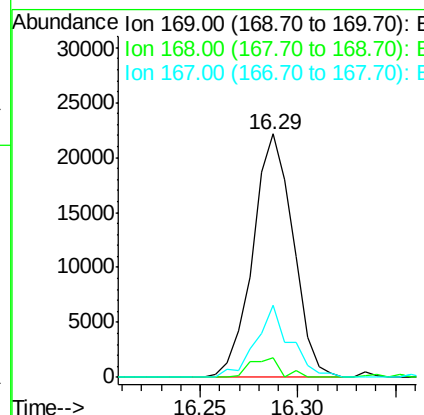
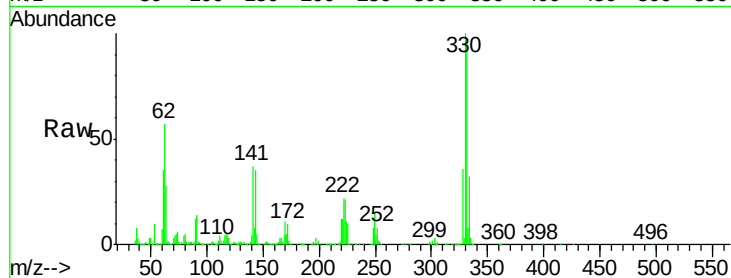




#65  
 n-Nitrosodiphenylamine  
 Concen: 1.12 ng  
 RT: 16.29 min Scan# 2289  
 Delta R.T. 0.24 min  
 Lab File: BG022671.D  
 Acq: 28 Jun 2016 11:46

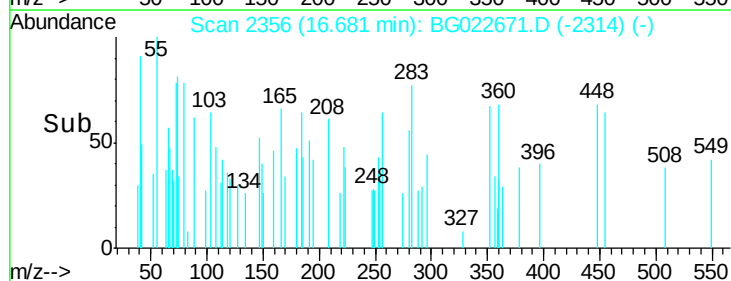
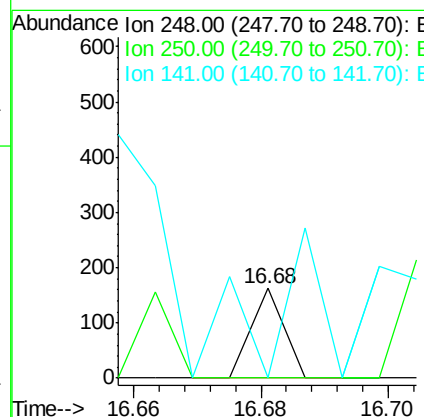
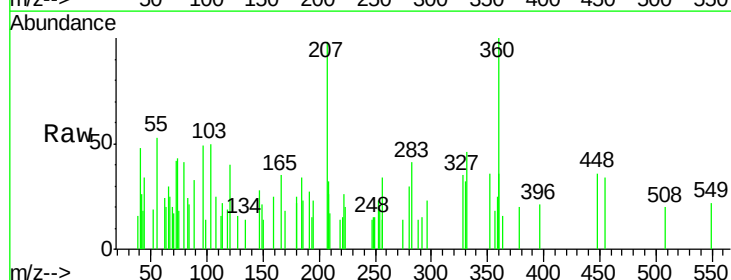
Instrument :  
 BNA\_G  
 ClientSampleId :

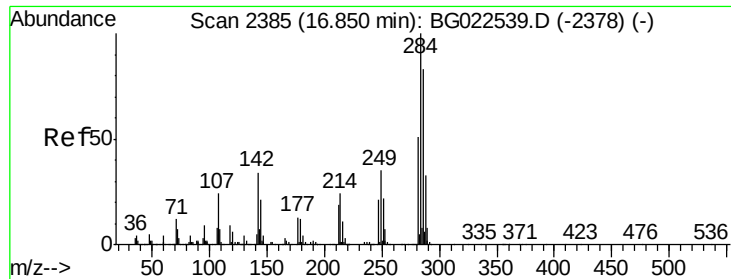
Tot Ion:169 Resp: 31639  
 Ion Ratio Lower Upper  
 169 100  
 168 7.8 55.0 82.4#  
 167 29.4 27.4 41.0



#66  
 4-Bromophenyl-phenylether  
 Concen: 0.00 ng  
 RT: 16.68 min Scan# 2356  
 Delta R.T. -0.05 min  
 Lab File: BG022671.D  
 Acq: 28 Jun 2016 11:46

Tgt Ion:248 Resp: 57  
 Ion Ratio Lower Upper  
 248 100  
 250 0.0 77.8 116.8#  
 141 0.0 65.7 98.5#





#67

Hexachlorobenzene

Concen: 0.00 ng

RT: 16.87 min Scan# 2389

Delta R.T. 0.02 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampleId :

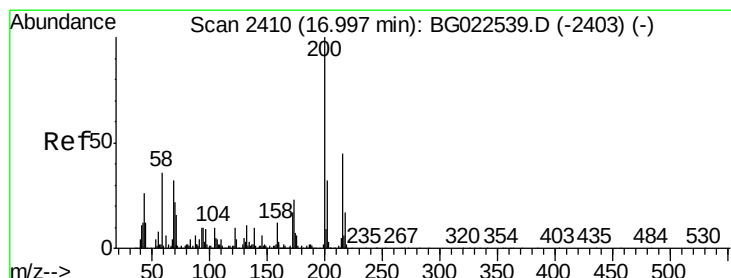
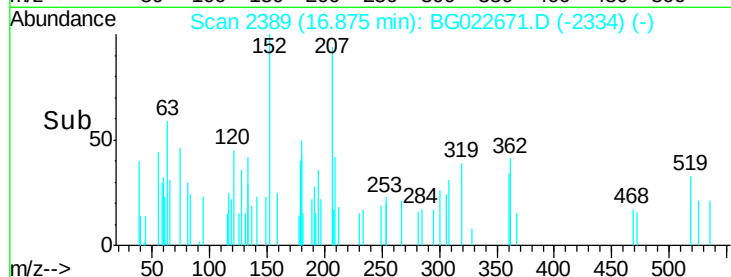
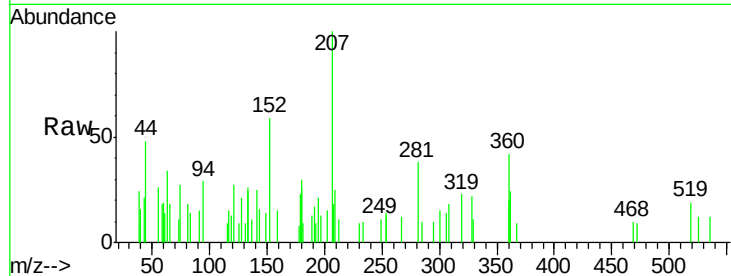
Tot Ion:284 Resp: 66

Ion Ratio Lower Upper

284 100

142 160.4 26.8 40.2#

249 112.8 28.9 43.3#



#68

Atrazine

Concen: 0.01 ng

RT: 16.99 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

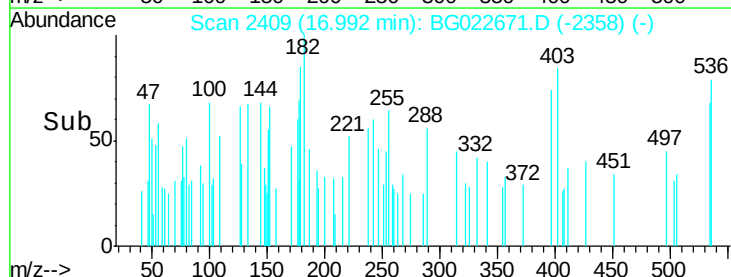
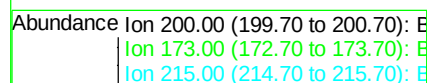
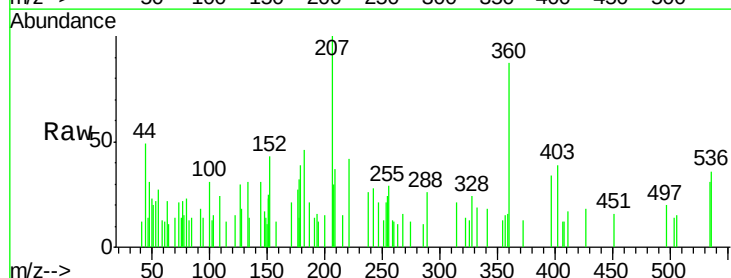
Tgt Ion:200 Resp: 73

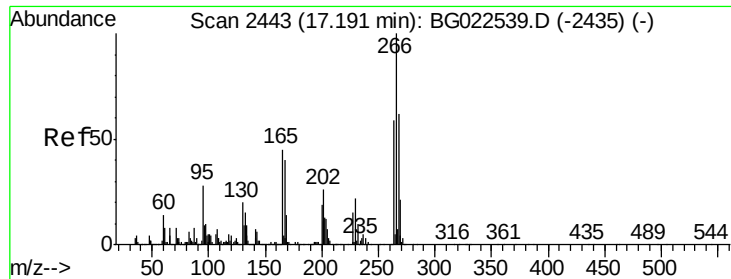
Ion Ratio Lower Upper

200 100

173 0.0 1.6 41.6#

215 97.6 28.7 68.7#





#69

Pentachlorophenol

Concen: 0.01 ng

RT: 17.17 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BG022671.D

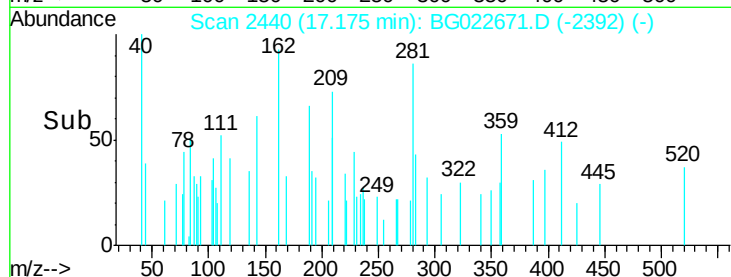
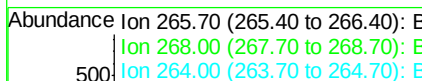
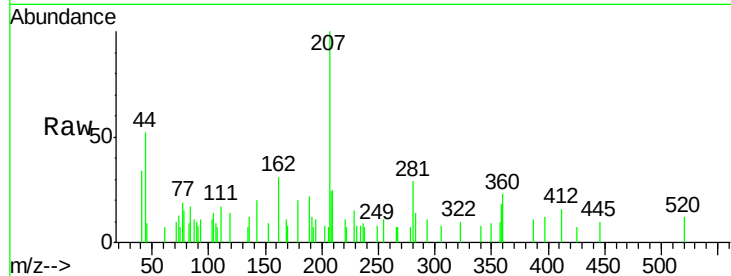
Acq: 28 Jun 2016 11:46

Instrument :

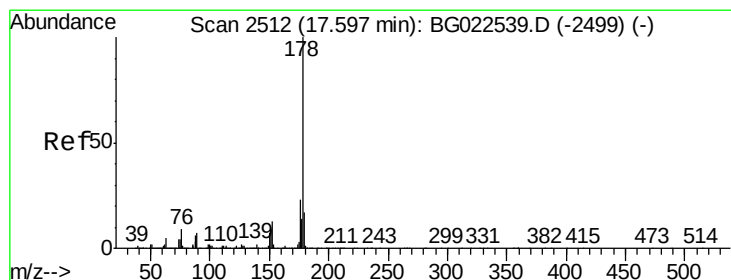
BNA\_G

ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 266   | Resp: | 57    |
| Ion      | Ratio | Lower | Upper |
| 266      | 100   |       |       |
| 268      | 0.0   | 51.9  | 77.9# |
| 264      | 0.0   | 50.6  | 75.8# |



Time-->



#70

Phenanthrene

Concen: 0.01 ng

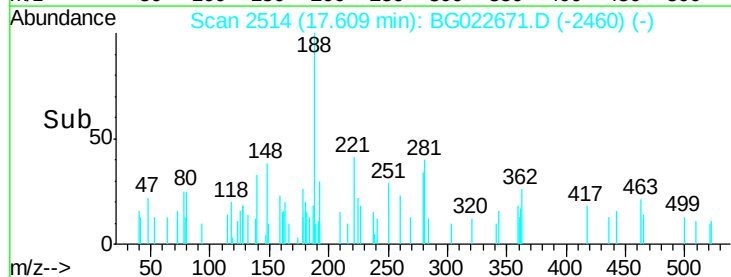
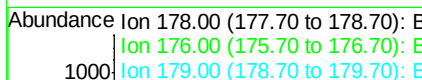
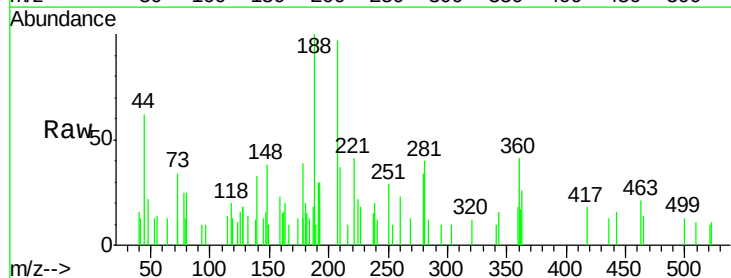
RT: 17.61 min Scan# 2514

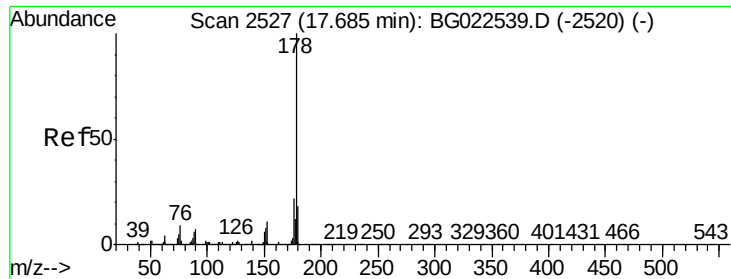
Delta R.T. 0.02 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 283   |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 0.0   | 16.8  | 25.2# |
| 179      | 0.0   | 14.3  | 21.5# |





#71

Anthracene

Concen: 0.00 ng

RT: 17.69 min Scan# 2527

Delta R.T. 0.00 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampleId :

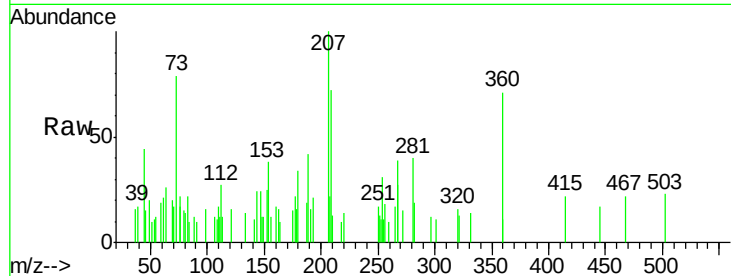
Tot Ion:178 Resp: 170

Ion Ratio Lower Upper

178 100

176 0.0 17.3 25.9#

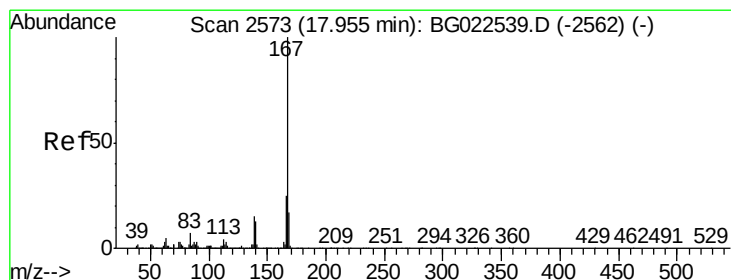
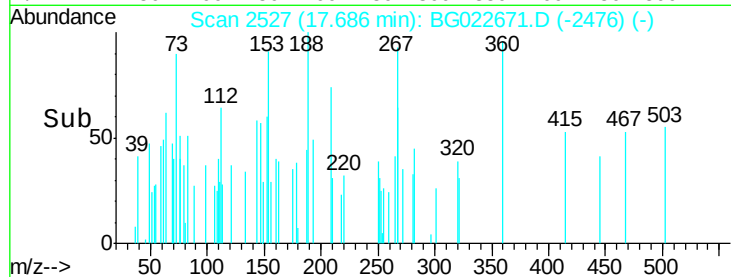
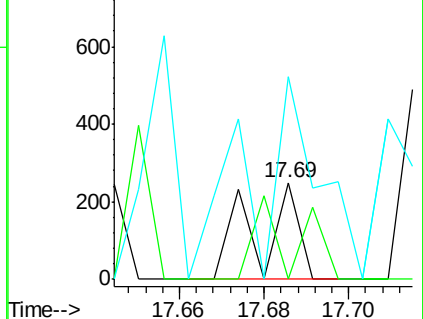
179 210.0 14.0 21.0#



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



#72

Carbazole

Concen: 0.00 ng

RT: 17.98 min Scan# 2577

Delta R.T. 0.03 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

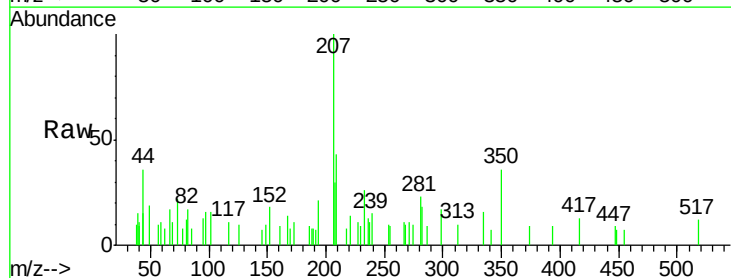
Tgt Ion:167 Resp: 167

Ion Ratio Lower Upper

167 100

166 0.0 20.7 31.1#

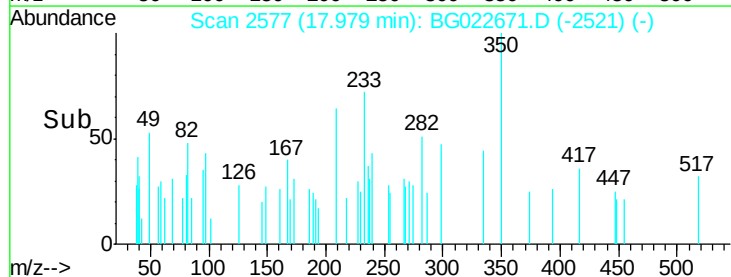
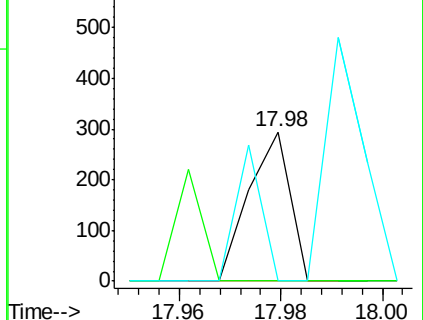
139 0.0 11.9 17.9#

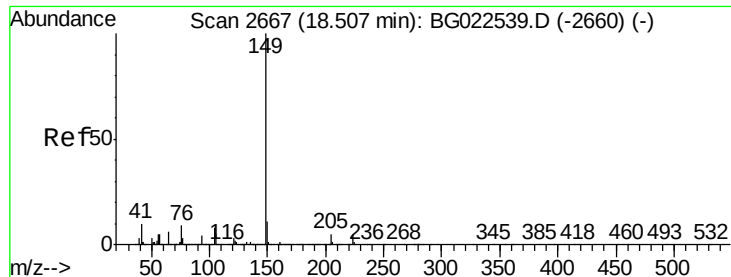


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

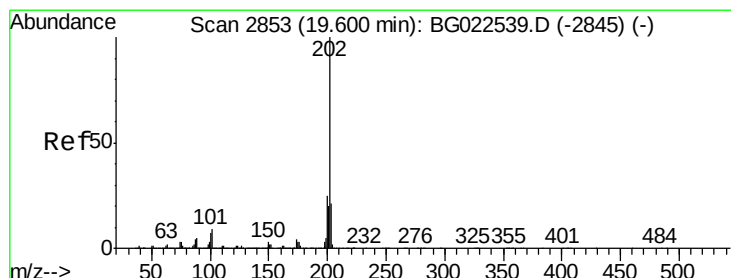
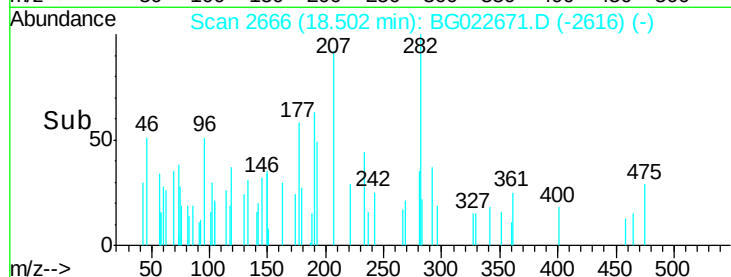
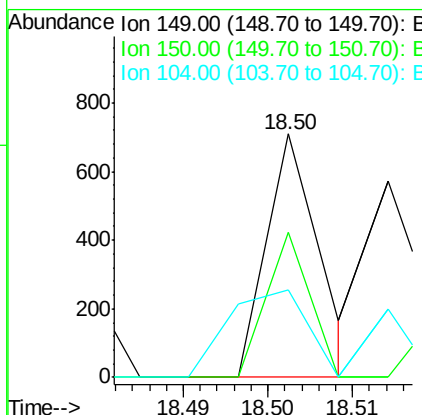
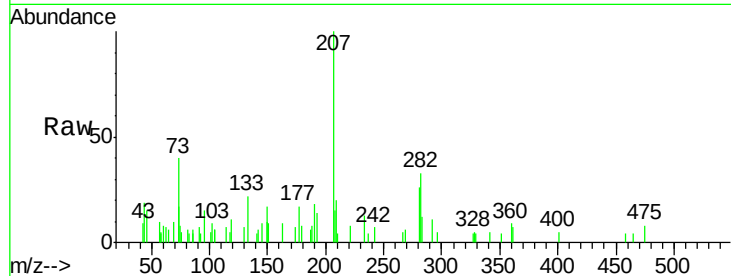




#73  
Di-n-butylphthalate  
Concen: 0.01 ng  
RT: 18.50 min Scan# 2666  
Delta R.T. -0.01 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

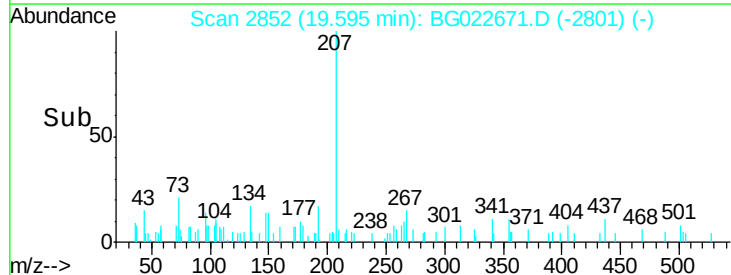
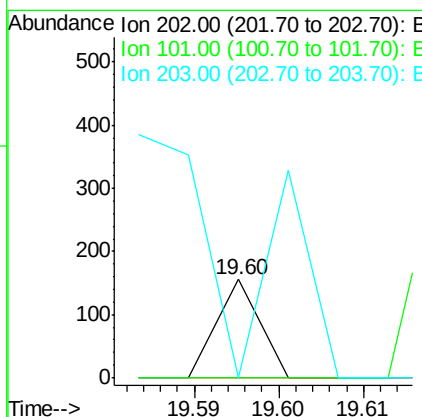
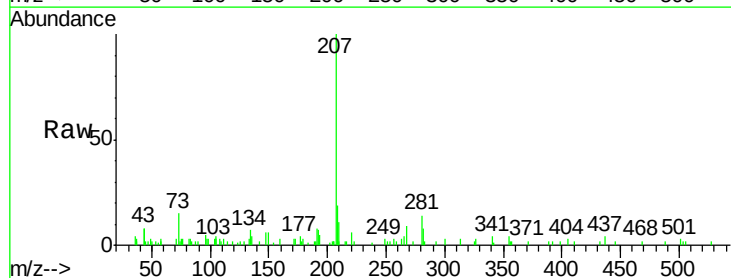
Instrument :  
BNA\_G  
ClientSampleId :

Tot Ion:149 Resp: 309  
Ion Ratio Lower Upper  
149 100  
150 59.6 9.1 13.7#  
104 36.1 6.9 10.3#

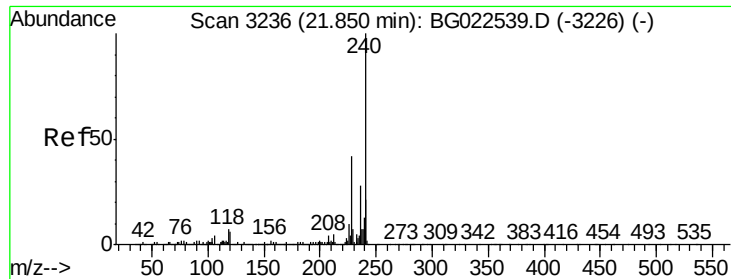


#74  
Fluoranthene  
Concen: 0.00 ng  
RT: 19.60 min Scan# 2852  
Delta R.T. 0.00 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

Tgt Ion:202 Resp: 55  
Ion Ratio Lower Upper  
202 100  
101 0.0 0.0 27.4  
203 0.0 1.7 41.7#







#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampleId :

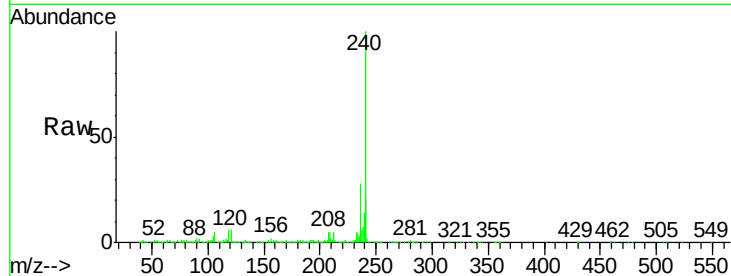
Tot Ion:240 Resp: 1116667

Ion Ratio Lower Upper

240 100

120 5.6 4.1 6.1

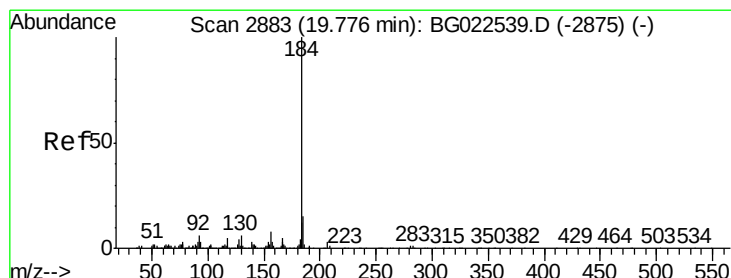
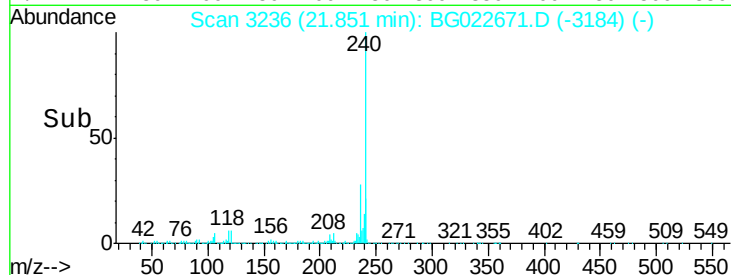
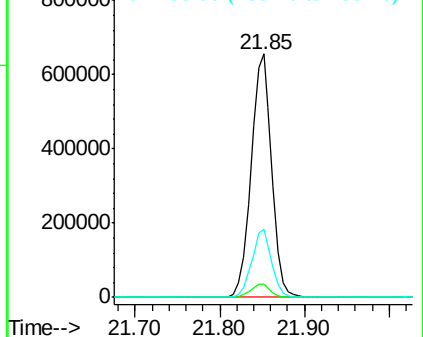
236 28.1 21.1 31.7



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



#76

Benzidine

Concen: 0.07 ng

RT: 19.80 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

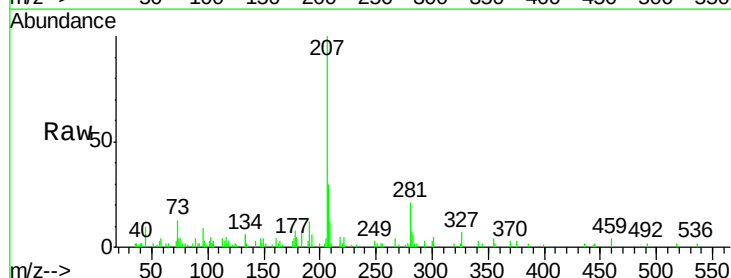
Tgt Ion:184 Resp: 806

Ion Ratio Lower Upper

184 100

185 0.0 12.6 19.0#

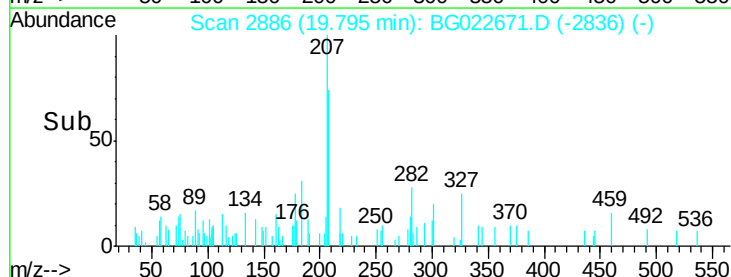
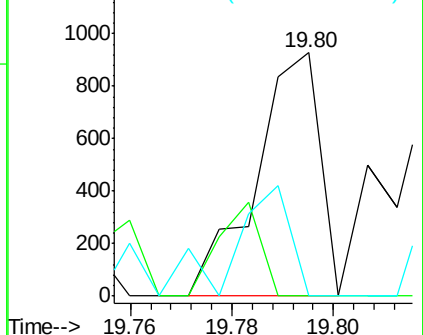
183 0.0 10.7 16.1#

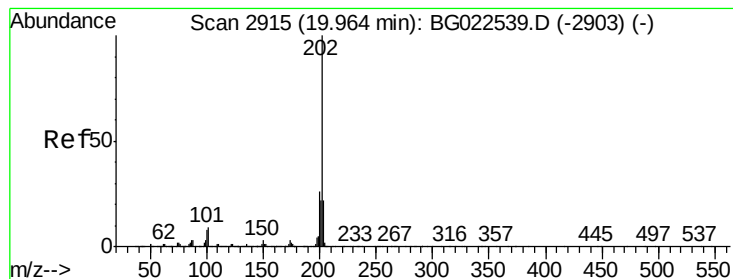


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.36 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.19 min

Lab File: BG022671.D

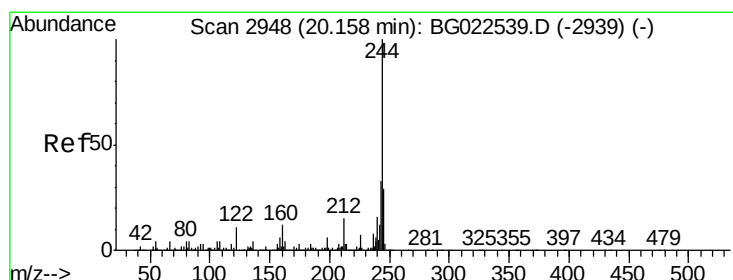
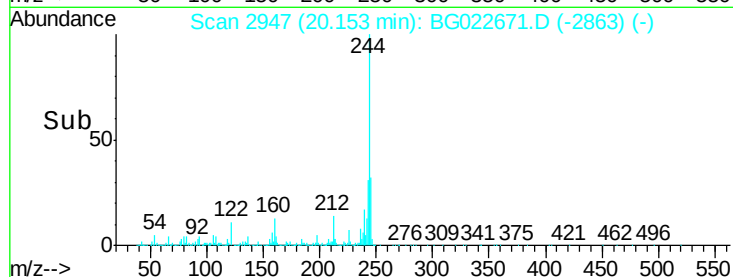
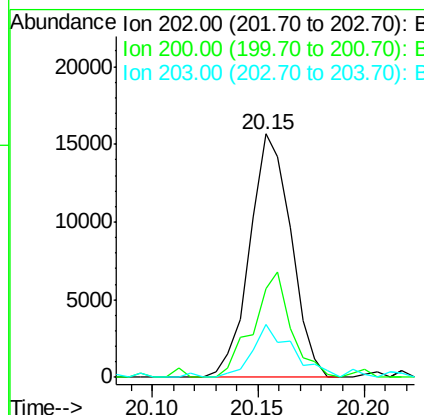
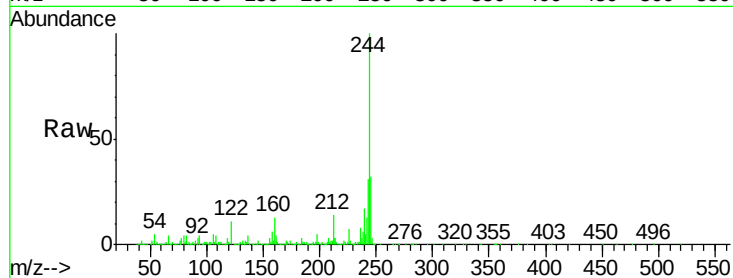
Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 202   | Resp: | 21240 |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 200      | 36.6  | 21.2  | 31.8# |
| 203      | 21.9  | 16.8  | 25.2  |



#78

Terphenyl-d14

Concen: 75.01 ng

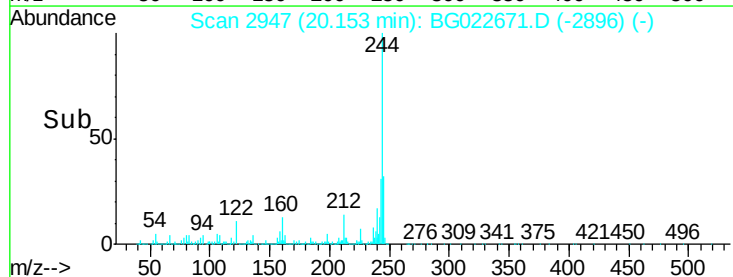
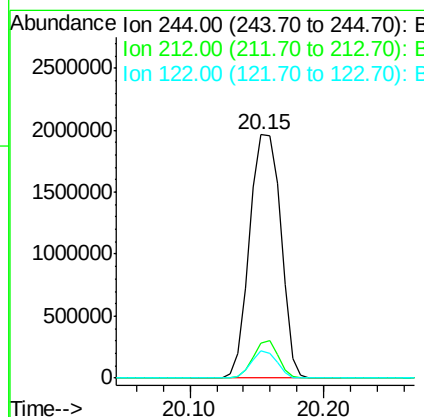
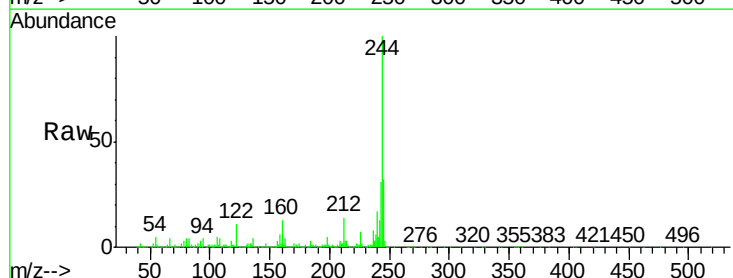
RT: 20.15 min Scan# 2947

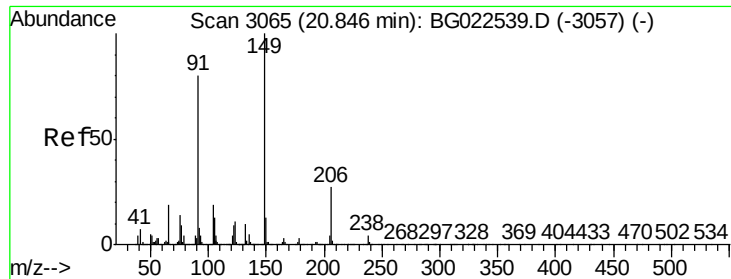
Delta R.T. 0.00 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 244   | Resp: | 3161714 |
| Ion      | Ratio | Lower | Upper   |
| 244      | 100   |       |         |
| 212      | 14.3  | 10.8  | 16.2    |
| 122      | 11.3  | 8.0   | 12.0    |

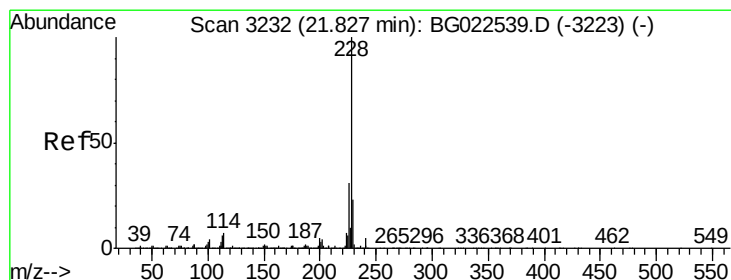
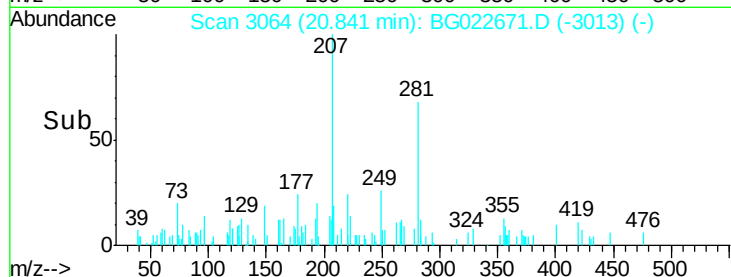
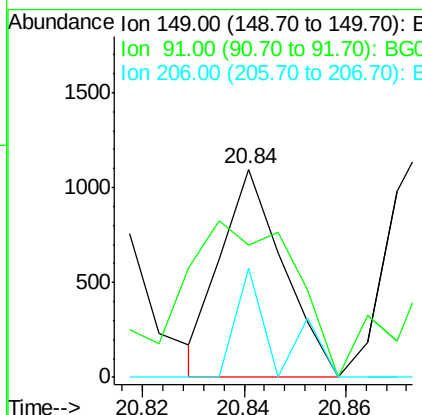
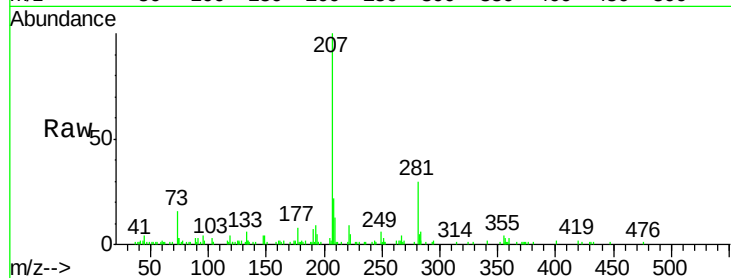




#79  
Butylbenzylphthalate  
Concen: 0.04 ng  
RT: 20.84 min Scan# 3064  
Delta R.T. 0.00 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

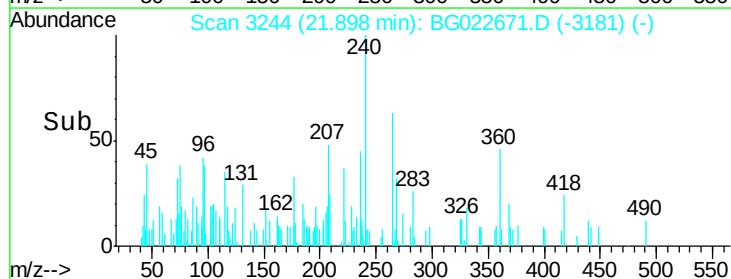
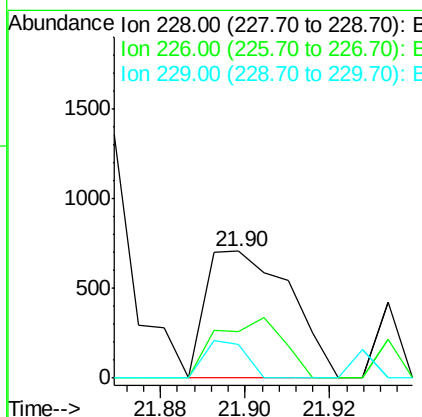
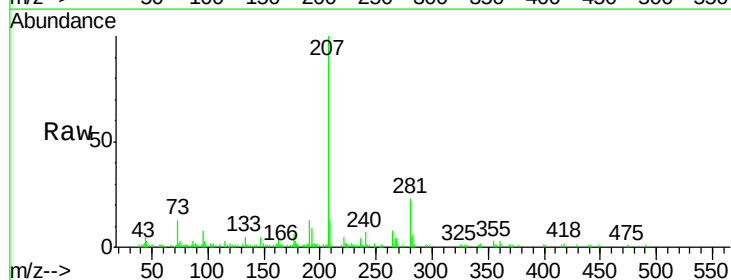
Instrument :  
BNA\_G  
ClientSampled :

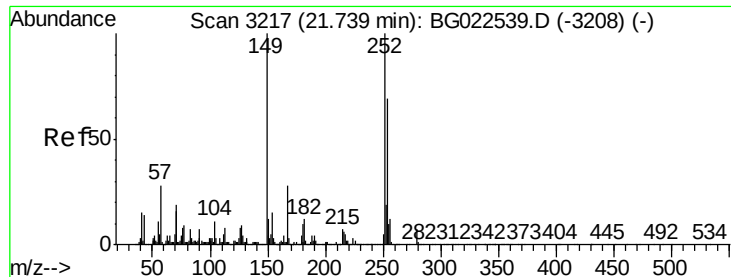
Tot Ion:149 Resp: 943  
Ion Ratio Lower Upper  
149 100  
91 63.9 68.1 102.1#  
206 52.7 19.8 29.6#



#80  
Benzo(a)anthracene  
Concen: 0.02 ng  
RT: 21.90 min Scan# 3244  
Delta R.T. 0.07 min  
Lab File: BG022671.D  
Acq: 28 Jun 2016 11:46

Tgt Ion:228 Resp: 984  
Ion Ratio Lower Upper  
228 100  
226 36.8 25.3 37.9  
229 26.6 19.9 29.9

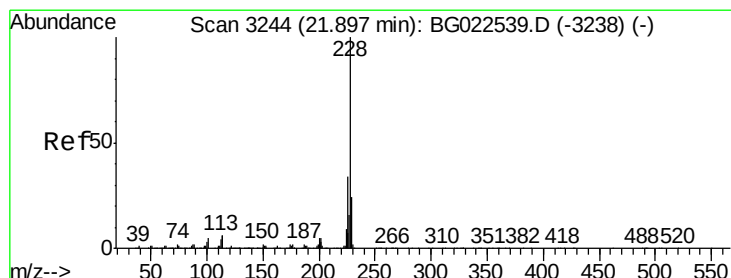
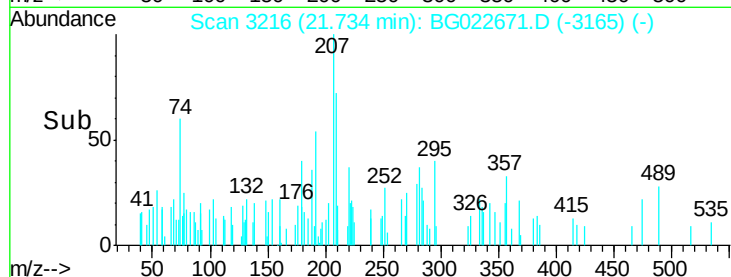
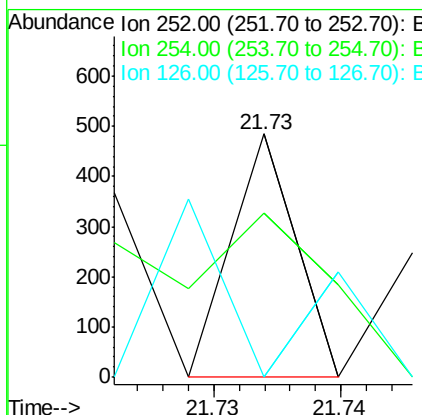
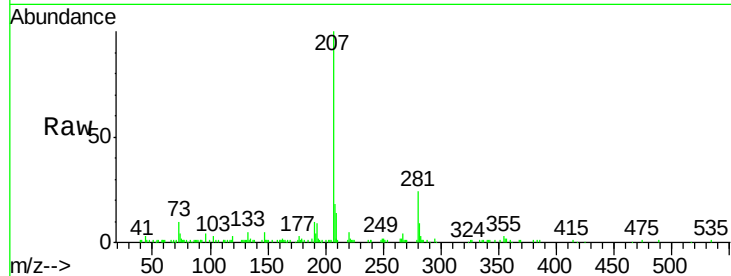




#81  
 3,3'-Dichlorobenzidine  
 Concen: 0.01 ng  
 RT: 21.73 min Scan# 3216  
 Delta R.T. 0.00 min  
 Lab File: BG022671.D  
 Acq: 28 Jun 2016 11:46

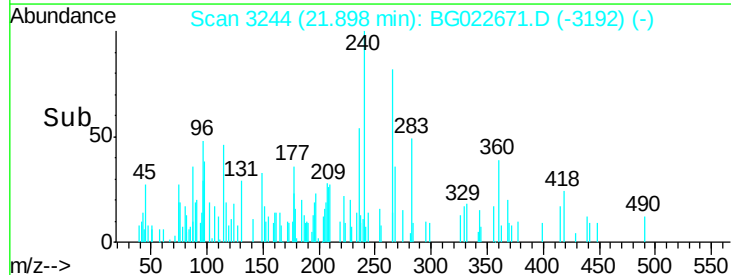
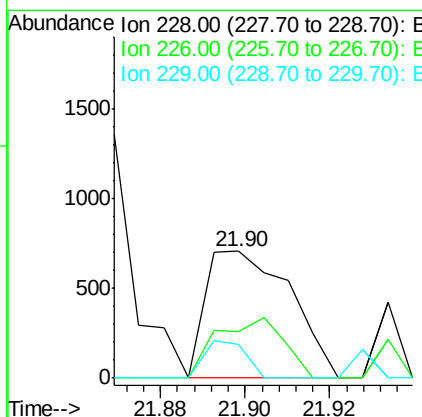
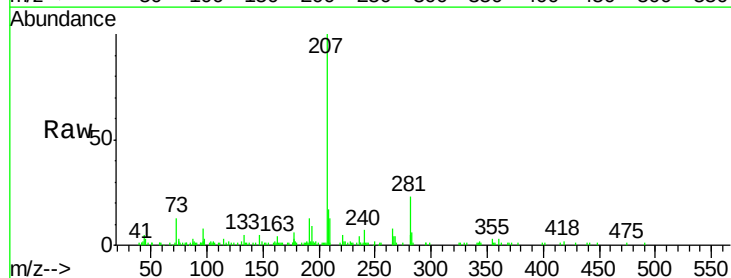
Instrument :  
 BNA\_G  
 ClientSampled :

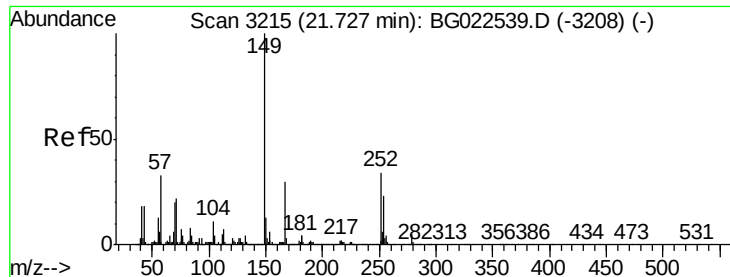
Tot Ion: 252 Resp: 171  
 Ion Ratio Lower Upper  
 252 100  
 254 67.2 51.2 76.8  
 126 0.0 5.3 7.9#



#82  
 Chrysene  
 Concen: 0.02 ng  
 RT: 21.90 min Scan# 3244  
 Delta R.T. 0.01 min  
 Lab File: BG022671.D  
 Acq: 28 Jun 2016 11:46

Tgt Ion: 228 Resp: 984  
 Ion Ratio Lower Upper  
 228 100  
 226 36.8 26.7 40.1  
 229 26.6 17.4 26.2#





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.01 ng

RT: 21.75 min Scan# 3219

Delta R.T. 0.02 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampled :

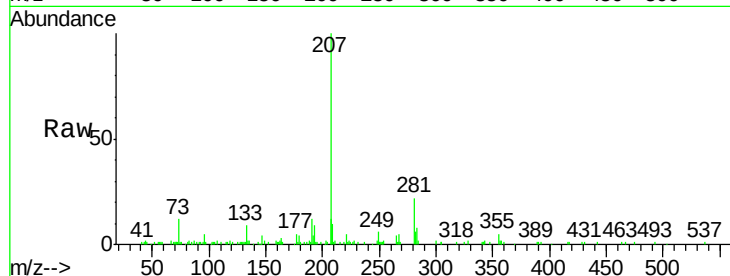
Tot Ion:149 Resp: 502

Ion Ratio Lower Upper

149 100

167 0.0 24.0 36.0#

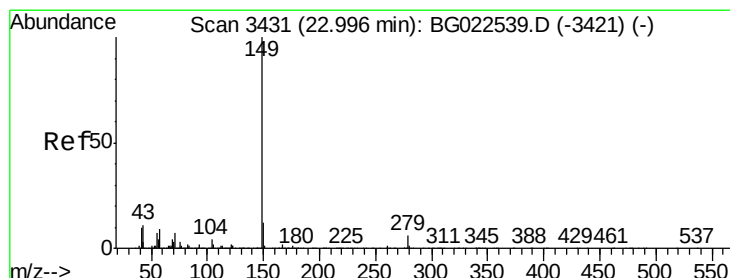
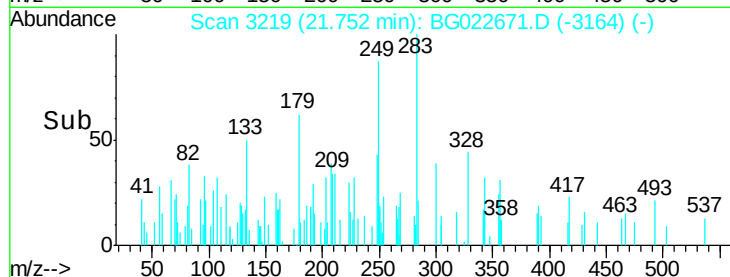
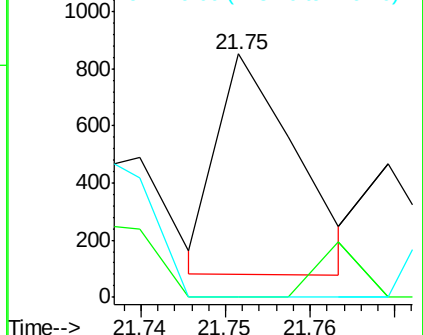
279 0.0 4.8 7.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.05 ng

RT: 22.97 min Scan# 3427

Delta R.T. -0.02 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

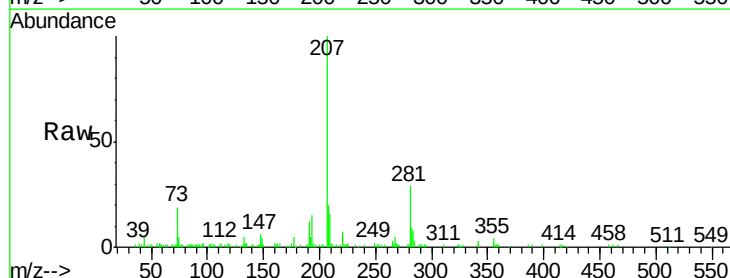
Tgt Ion:149 Resp: 3248

Ion Ratio Lower Upper

149 100

167 0.0 1.5 2.3#

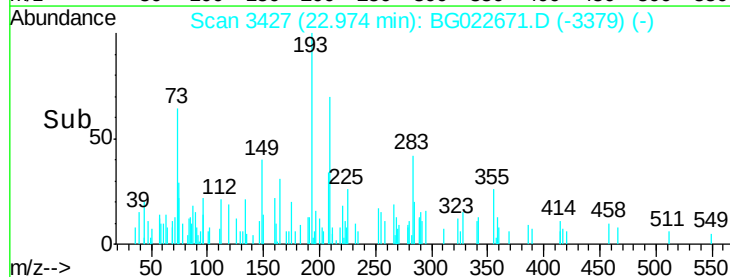
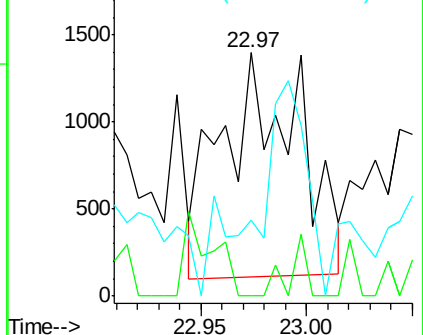
43 0.0 8.8 13.2#

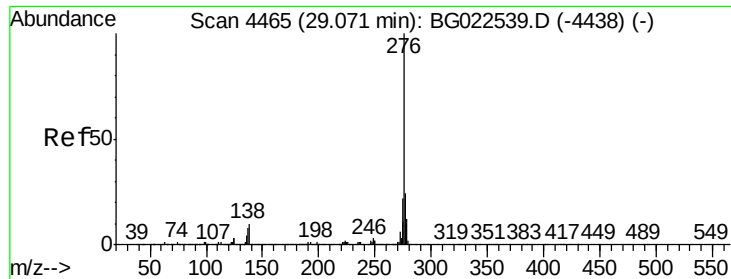


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

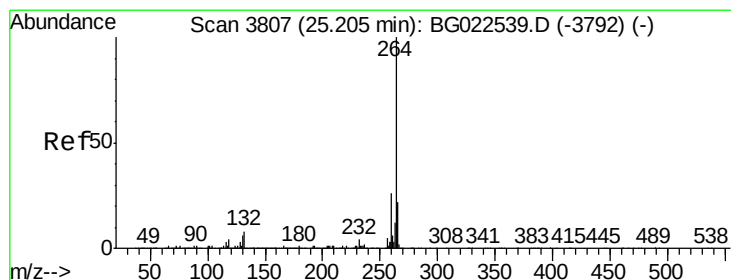
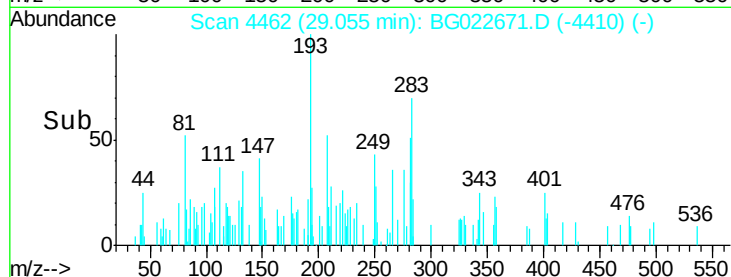
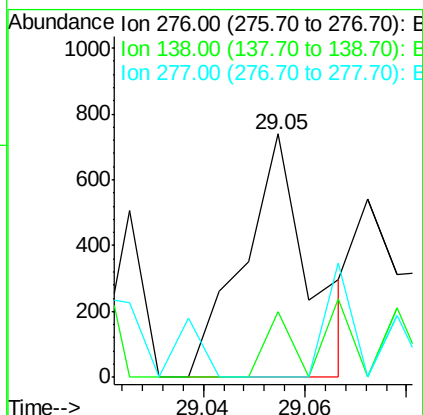
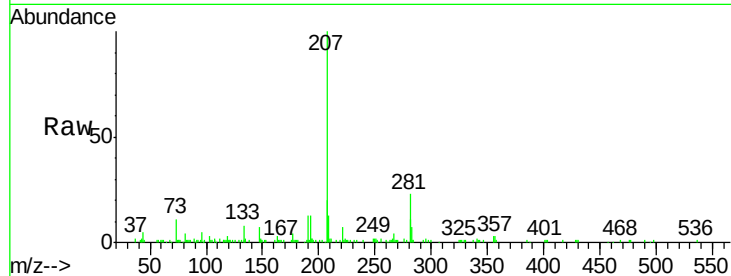




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.01 ng  
 RT: 29.05 min Scan# 4462  
 Delta R.T. 0.01 min  
 Lab File: BG022671.D  
 Acq: 28 Jun 2016 11:46

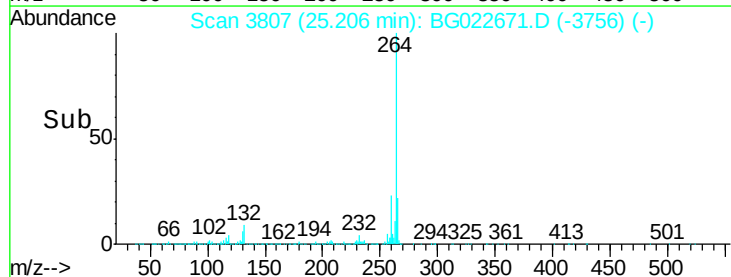
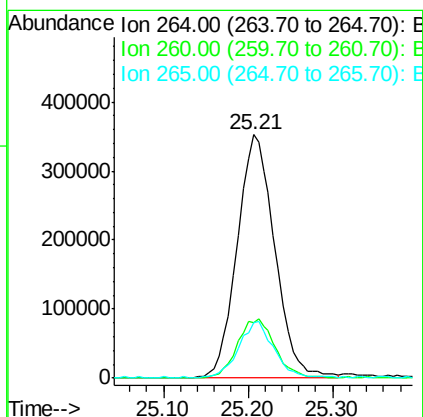
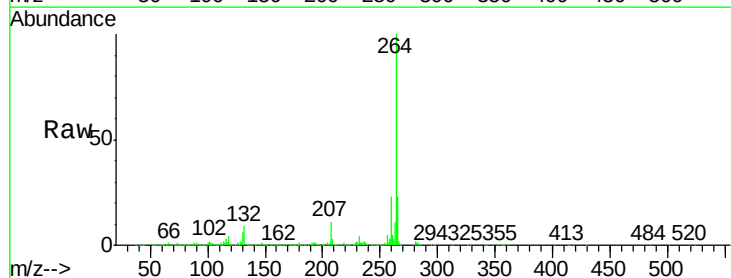
Instrument :  
 BNA\_G  
 ClientSampled :

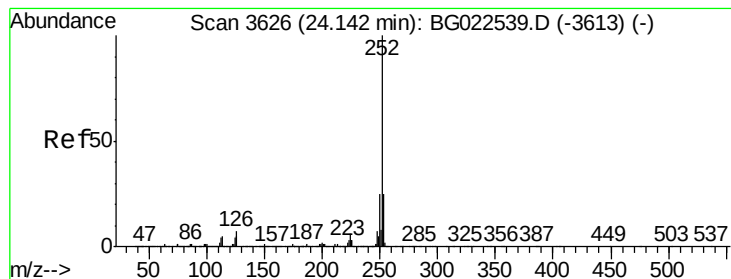
Tot Ion:276 Resp: 664  
 Ion Ratio Lower Upper  
 276 100  
 138 10.7 0.0 0.0#  
 277 0.0 0.0 0.0



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 25.21 min Scan# 3807  
 Delta R.T. 0.00 min  
 Lab File: BG022671.D  
 Acq: 28 Jun 2016 11:46

Tgt Ion:264 Resp: 1086954  
 Ion Ratio Lower Upper  
 264 100  
 260 22.6 18.4 27.6  
 265 22.7 18.9 28.3





#87

Benzo(b)fluoranthene

Concen: 0.02 ng

RT: 24.15 min Scan# 3627

Delta R.T. 0.02 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampled :

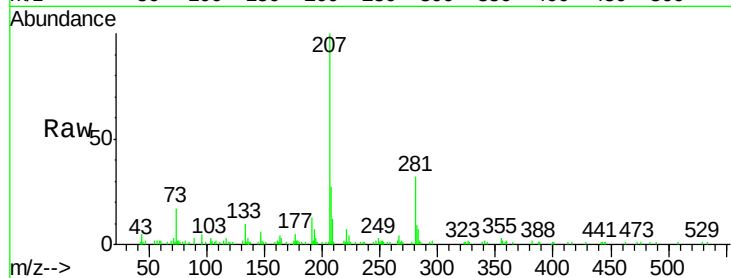
Tot Ion:252 Resp: 1008

Ion Ratio Lower Upper

252 100

253 32.7 18.9 28.3#

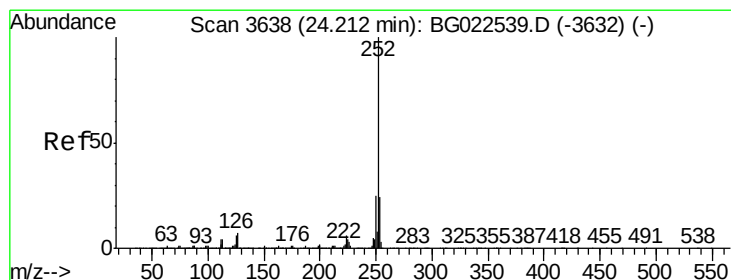
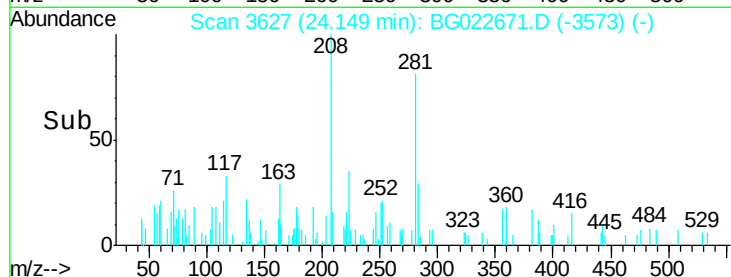
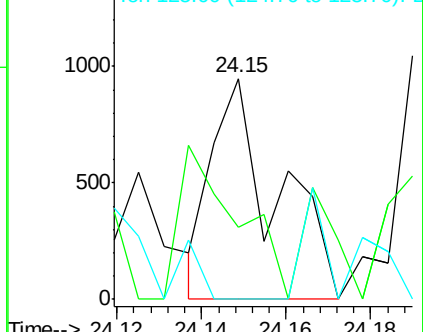
125 0.0 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.01 ng

RT: 24.19 min Scan# 3634

Delta R.T. -0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

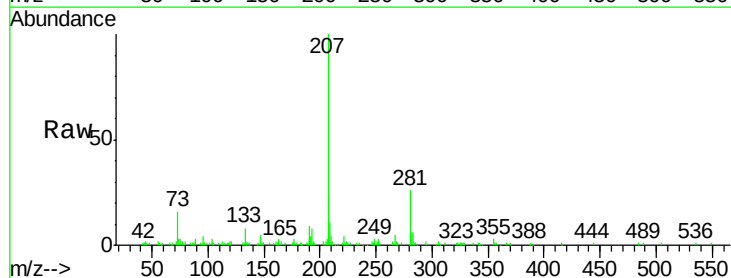
Tgt Ion:252 Resp: 649

Ion Ratio Lower Upper

252 100

253 50.6 18.8 28.2#

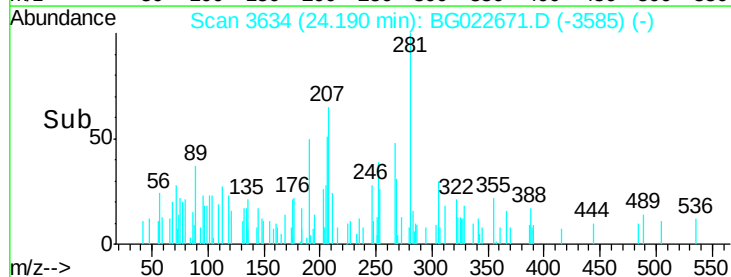
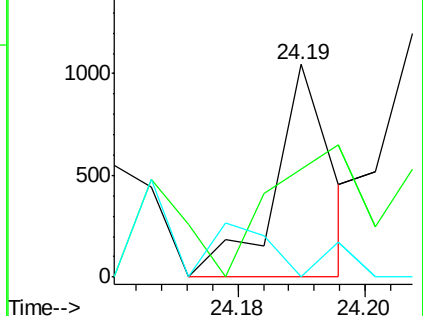
125 0.0 3.2 4.8#

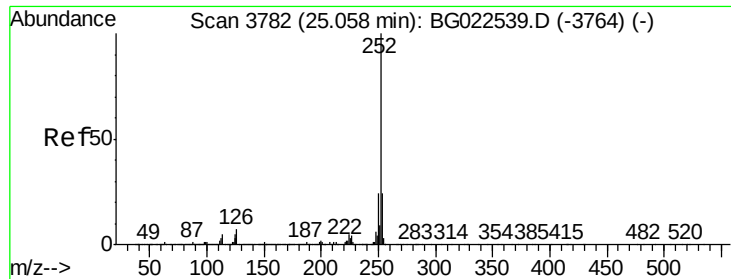


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.00 ng

RT: 25.04 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

Instrument :

BNA\_G

ClientSampled :

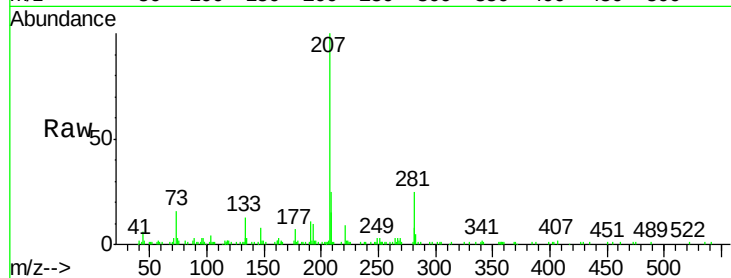
Tot Ion:252 Resp: 259

Ion Ratio Lower Upper

252 100

253 36.7 18.7 28.1#

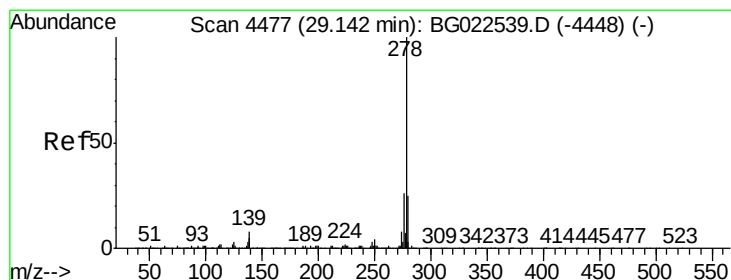
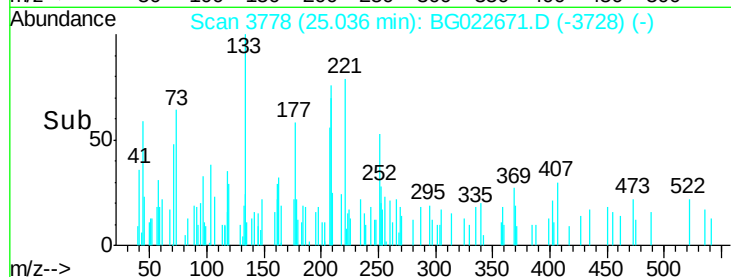
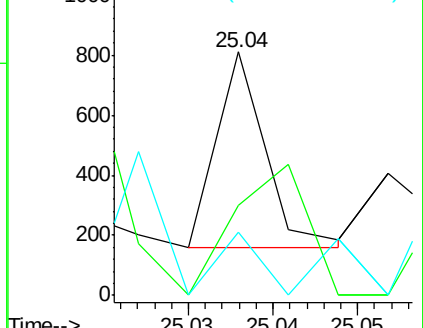
125 26.1 3.9 5.9#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.00 ng

RT: 29.12 min Scan# 4473

Delta R.T. 0.01 min

Lab File: BG022671.D

Acq: 28 Jun 2016 11:46

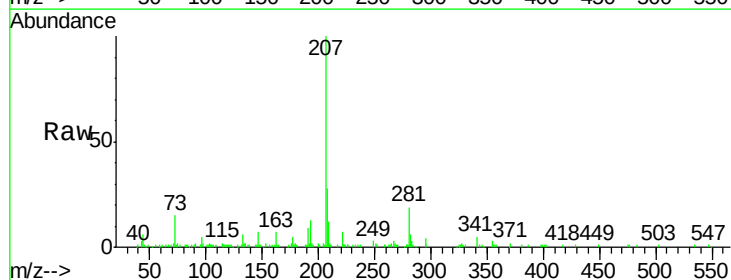
Tgt Ion:278 Resp: 142

Ion Ratio Lower Upper

278 100

139 79.5 4.7 7.1#

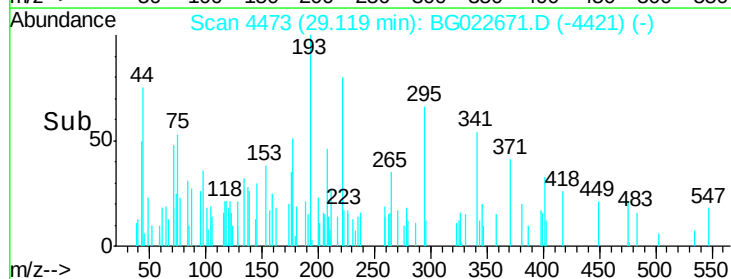
279 90.0 18.3 27.5#



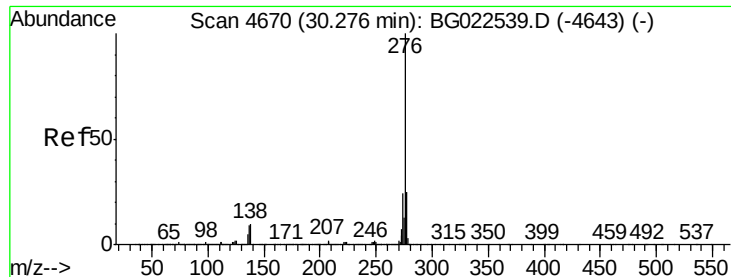
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E







#91  
 Benzo(a,h,i)perylene  
 Concen: 0.01 ng  
 RT: 30.28 min Scan# 4670  
 Delta R.T. 0.02 min  
 Lab File: BG022671.D  
 Acq: 28 Jun 2016 11:46

Instrument :  
 BNA\_G  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 0.0   | 18.6  | 27.8# |
| 138     | 25.4  | 6.8   | 10.2# |

