

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071316\  
 Data File : BG023072.D  
 Acq On : 13 Jul 2016 16:30  
 Operator : UM/SJ  
 Sample : PB92013BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92013BS

Quant Time: Jul 14 04:13:41 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 12 18:30:58 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 96260    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.98 | 136  | 462771   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.80 | 164  | 366591   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.56 | 188  | 925399   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.87 | 240  | 956479   | 20.00 | ng    | 0.02     |
| 86) Perylene-d12          | 25.26 | 264  | 966516   | 20.00 | ng    | 0.07     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.70  | 112 | 877410  | 149.08 | ng | 0.00 |
| 7) Phenol-d6             | 7.31  | 99  | 1395947 | 151.43 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.32  | 82  | 978802  | 90.57  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.30 | 330 | 786177  | 119.33 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.42 | 172 | 2039224 | 87.62  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.16 | 244 | 2920920 | 106.83 | ng | 0.00 |

## Target Compounds

|                                |       |     |         |       |    | Qvalue |
|--------------------------------|-------|-----|---------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.57  | 88  | 75353   | 32.94 | ng | 92     |
| 3) Pyridine                    | 3.97  | 79  | 135221  | 17.27 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.88  | 42  | 74433   | 22.16 | ng | # 92   |
| 6) Aniline                     | 7.47  | 93  | 163564  | 12.80 | ng | 96     |
| 8) 2-Chlorophenol              | 7.71  | 128 | 156527  | 24.99 | ng | 97     |
| 9) Benzaldehyde                | 7.28  | 77  | 104780  | 17.01 | ng | 95     |
| 10) Phenol                     | 7.34  | 94  | 255567  | 26.95 | ng | 88     |
| 11) bis(2-Chloroethyl)ether    | 7.56  | 93  | 163238  | 21.71 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 8.04  | 146 | 164365m | 21.44 | ng |        |
| 13) 1,4-Dichlorobenzene        | 8.18  | 146 | 166301  | 21.67 | ng | 98     |
| 14) 1,2-Dichlorobenzene        | 8.51  | 146 | 161665  | 21.19 | ng | 98     |
| 15) Benzyl Alcohol             | 8.39  | 79  | 215437  | 25.52 | ng | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.68  | 45  | 203239  | 22.13 | ng | 99     |
| 17) 2-Methylphenol             | 8.60  | 107 | 163386  | 26.46 | ng | 98     |
| 18) Hexachloroethane           | 9.24  | 117 | 68911   | 21.27 | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.95  | 70  | 178452  | 21.47 | ng | 94     |
| 20) 3+4-Methylphenols          | 8.92  | 107 | 233989  | 27.17 | ng | 96     |
| 22) Acetophenone               | 8.98  | 105 | 290459  | 20.91 | ng | # 93   |
| 24) Nitrobenzene               | 9.37  | 77  | 258734  | 22.53 | ng | 94     |
| 25) Isophorone                 | 9.89  | 82  | 474071  | 21.81 | ng | 98     |
| 26) 2-Nitrophenol              | 10.08 | 139 | 104231  | 23.13 | ng | 89     |
| 27) 2,4-Dimethylphenol         | 10.13 | 122 | 187946  | 24.13 | ng | 94     |
| 28) bis(2-Chloroethoxy)methane | 10.37 | 93  | 265896  | 21.93 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.62 | 162 | 205955  | 24.79 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.84 | 180 | 199707  | 20.98 | ng | 96     |
| 31) Naphthalene                | 11.03 | 128 | 516527  | 21.93 | ng | 99     |
| 32) Benzoic acid               | 10.25 | 122 | 121818  | 17.19 | ng | 87     |
| 33) 4-Chloroaniline            | 11.14 | 127 | 107764  | 9.35  | ng | 93     |
| 34) Hexachlorobutadiene        | 11.31 | 225 | 153353  | 19.87 | ng | 94     |
| 35) Caprolactam                | 11.90 | 113 | 79327   | 23.21 | ng | 98     |
| 36) 4-Chloro-3-methylphenol    | 12.26 | 107 | 266693  | 23.47 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.63 | 142 | 417653  | 22.43 | ng | 95     |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.00 | 216 | 283421  | 17.94 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 12.97 | 237 | 547076  | 60.16 | ng | 99     |

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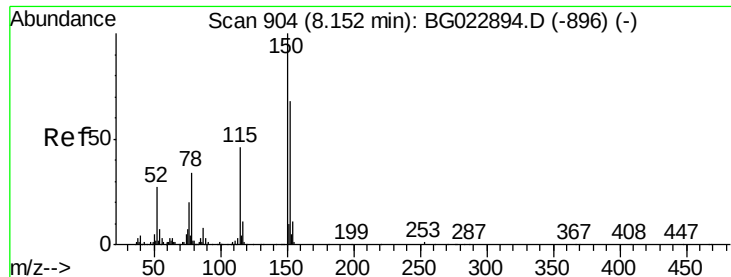
Instrument :  
 BNA\_G  
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Quant Time: Jul 14 04:13:41 2016  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.24 | 196  | 197682   | 21.77 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 13.31 | 196  | 222262   | 23.84 | nq    | 93       |
| 45) 1,1'-Biphenyl              | 13.63 | 154  | 607978   | 22.10 | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.68 | 162  | 495905   | 22.23 | nq    | 95       |
| 47) 2-Nitroaniline             | 13.88 | 65   | 213379   | 22.41 | nq    | 99       |
| 48) Acenaphthylene             | 14.52 | 152  | 764775   | 22.85 | nq    | 99       |
| 49) Dimethylphthalate          | 14.24 | 163  | 701159   | 23.41 | nq    | 98       |
| 50) 2,6-Dinitrotoluene         | 14.37 | 165  | 155634   | 23.13 | nq    | # 87     |
| 51) Acenaphthene               | 14.86 | 154  | 508091   | 23.23 | nq    | 97       |
| 52) 3-Nitroaniline             | 14.71 | 138  | 91798    | 13.68 | nq    | 99       |
| 53) 2,4-Dinitrophenol          | 14.91 | 184  | 264483   | 57.27 | nq    | 93       |
| 54) Dibenzofuran               | 15.20 | 168  | 830589   | 25.37 | nq    | 94       |
| 55) 4-Nitrophenol              | 15.02 | 139  | 357140   | 63.49 | nq    | 94       |
| 56) 2,4-Dinitrotoluene         | 15.16 | 165  | 236577   | 24.11 | nq    | 98       |
| 57) Fluorene                   | 15.85 | 166  | 677606   | 24.05 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.43 | 232  | 234423m  | 25.13 | nq    |          |
| 59) Diethylphthalate           | 15.60 | 149  | 746342   | 24.50 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.84 | 204  | 382536   | 22.29 | nq    | 97       |
| 61) 4-Nitroaniline             | 15.87 | 138  | 150296   | 20.70 | nq    | # 84     |
| 62) Azobenzene                 | 16.13 | 77   | 803727   | 27.58 | nq    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 15.93 | 198  | 137157   | 19.94 | nq    | 94       |
| 65) n-Nitrosodiphenylamine     | 16.06 | 169  | 629430   | 23.61 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.74 | 248  | 255721   | 21.24 | nq    | 99       |
| 67) Hexachlorobenzene          | 16.86 | 284  | 266880   | 20.39 | nq    | 99       |
| 68) Atrazine                   | 17.00 | 200  | 261327   | 22.10 | nq    | 97       |
| 69) Pentachlorophenol          | 17.21 | 266  | 504007   | 59.45 | nq    | 99       |
| 70) Phenanthrene               | 17.61 | 178  | 1121276  | 24.72 | nq    | 95       |
| 71) Anthracene                 | 17.70 | 178  | 1134536  | 24.71 | nq    | 97       |
| 72) Carbazole                  | 17.97 | 167  | 980963   | 24.72 | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.51 | 149  | 1191891  | 27.01 | nq    | # 96     |
| 74) Fluoranthene               | 19.61 | 202  | 1295856  | 23.28 | nq    | 95       |
| 76) Benzidine                  | 19.79 | 184  | 801152   | 29.22 | nq    | 98       |
| 77) Pyrene                     | 19.98 | 202  | 1317800  | 24.52 | nq    | 94       |
| 79) Butylbenzylphthalate       | 20.85 | 149  | 544815   | 25.59 | nq    | 94       |
| 80) Benzo(a)anthracene         | 21.85 | 228  | 1321234  | 24.69 | nq    | 96       |
| 81) 3,3'-Dichlorobenzidine     | 21.76 | 252  | 354066   | 15.07 | nq    | 99       |
| 82) Chrysene                   | 21.92 | 228  | 1216784  | 24.24 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.73 | 149  | 760003   | 25.71 | nq    | # 95     |
| 84) Di-n-octyl phthalate       | 23.00 | 149  | 1294996  | 26.27 | nq    | 98       |
| 85) Indeno(1,2,3-cd)pyrene     | 29.13 | 276  | 1381899  | 21.59 | nq    | # 100    |
| 87) Benzo(b)fluoranthene       | 24.17 | 252  | 1342544m | 24.08 | nq    |          |
| 88) Benzo(k)fluoranthene       | 24.24 | 252  | 1270094  | 24.00 | nq    | # 97     |
| 89) Benzo(a)pyrene             | 25.09 | 252  | 1291759  | 24.17 | nq    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 29.20 | 278  | 1198937  | 22.60 | nq    | # 95     |
| 91) Benzo(g,h,i)perylene       | 30.35 | 276  | 1149989  | 21.64 | nq    | # 95     |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.15 min Scan# 905

Delta R.T. 0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

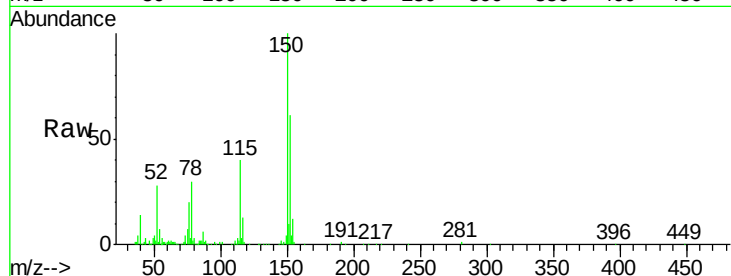
Tot Ion:152 Resp: 96260

Ion Ratio Lower Upper

152 100

150 165.2 144.7 217.1

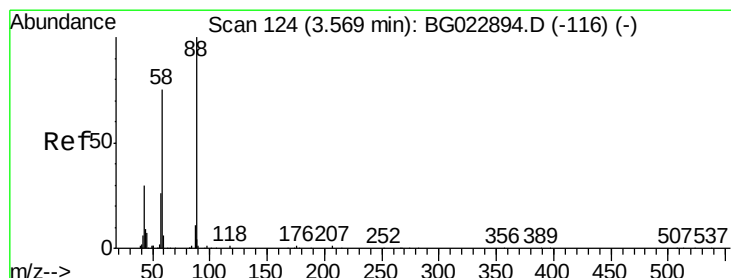
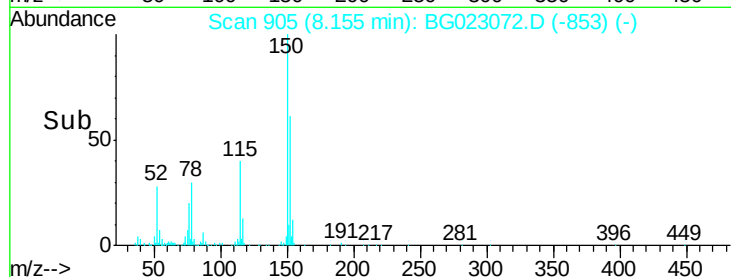
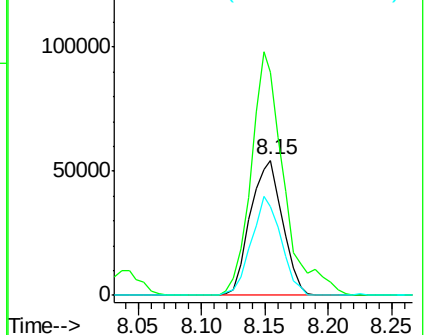
115 65.7 64.0 96.0



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: 32.94 ng

RT: 3.57 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

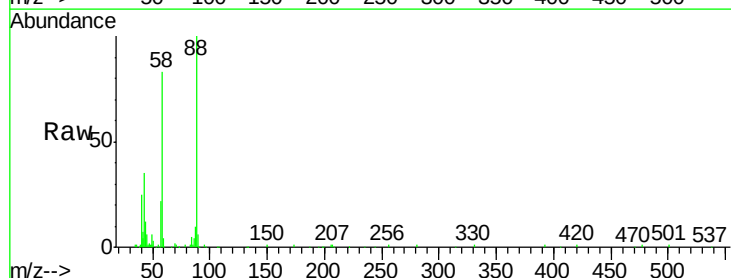
Tgt Ion: 88 Resp: 75353

Ion Ratio Lower Upper

88 100

58 83.5 60.4 90.6

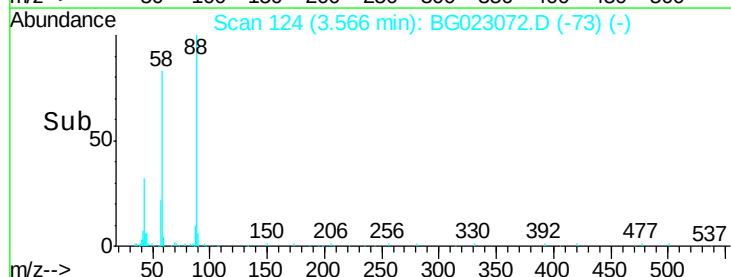
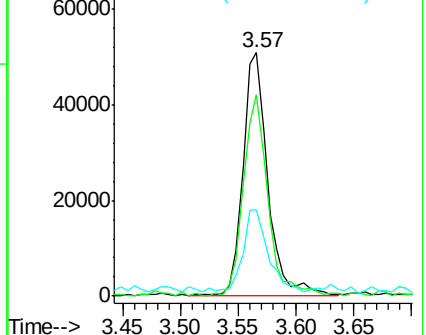
43 35.1 31.1 46.7

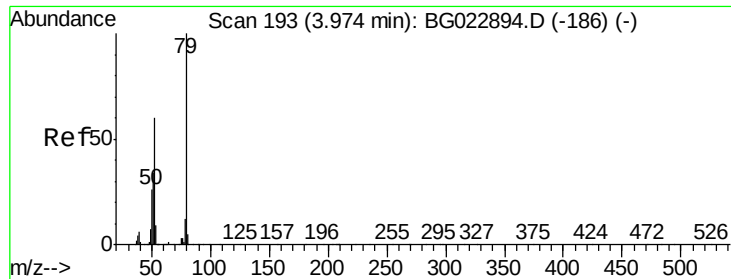


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 17.27 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

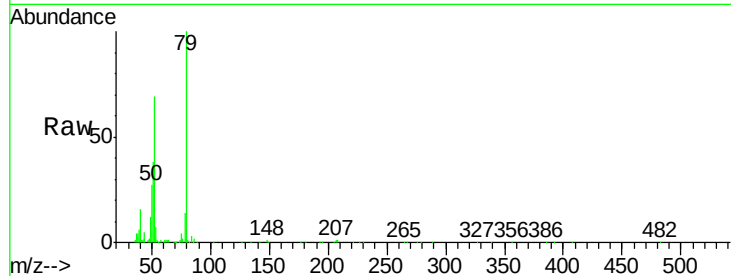
Tot Ion: 79 Resp: 135221

Ion Ratio Lower Upper

79 100

52 69.2 51.8 77.8

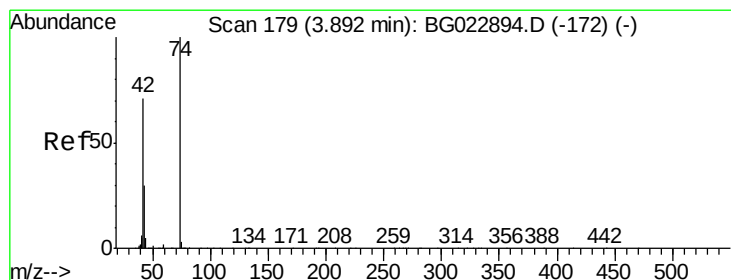
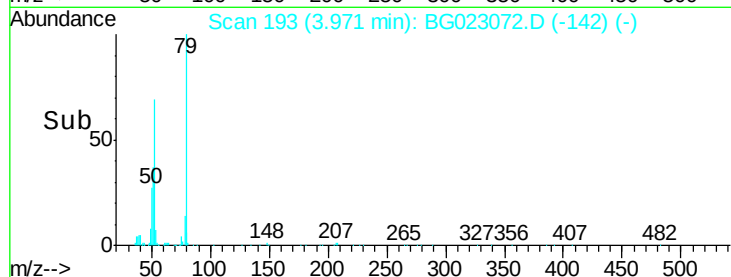
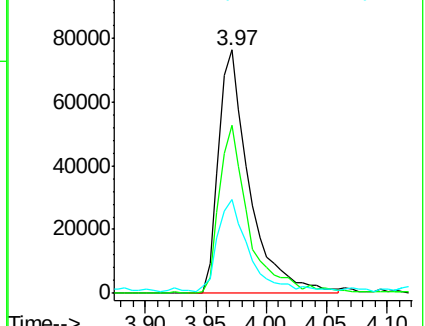
51 38.5 32.7 49.1



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: 22.16 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

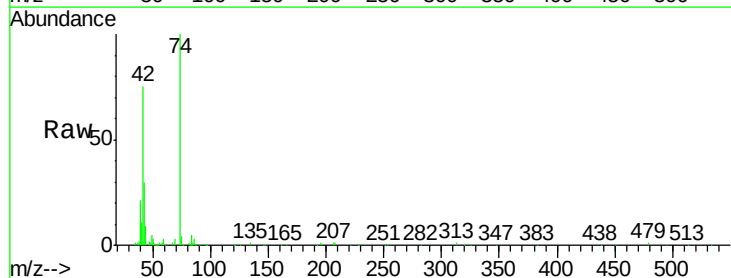
Tgt Ion: 42 Resp: 74433

Ion Ratio Lower Upper

42 100

74 133.9 100.6 150.8

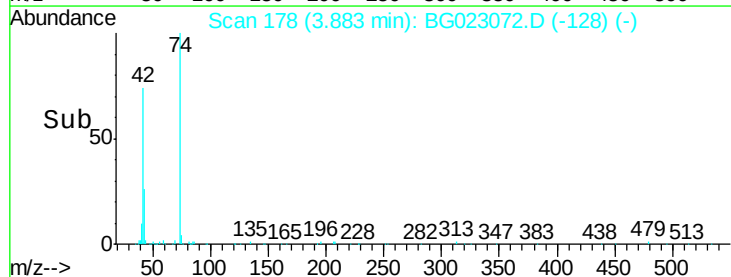
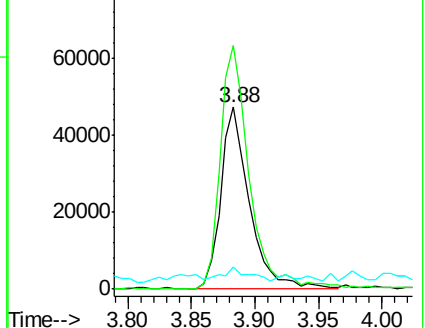
44 12.4 4.5 6.7#

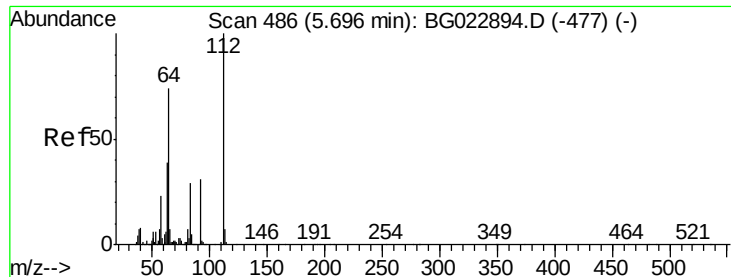


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 149.08 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG023072.D

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ClientSampleId :

PB92013BS

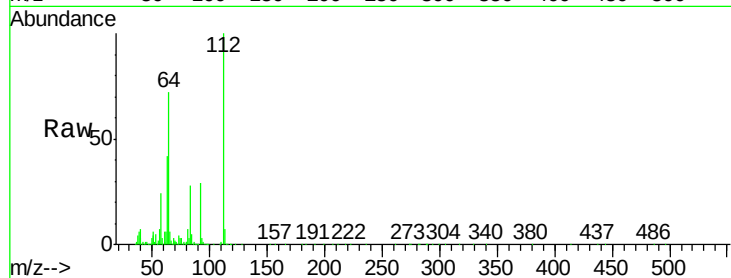
Tot Ion:112 Resp: 877410

Ion Ratio Lower Upper

112 100

64 71.5 59.0 88.4

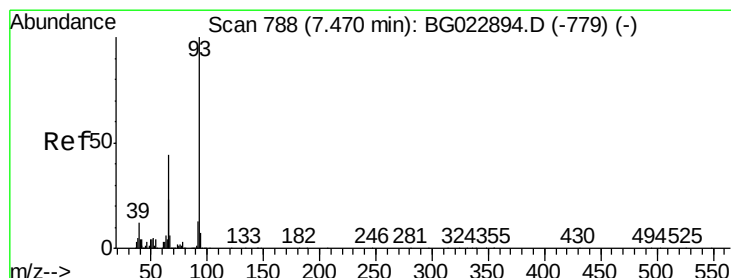
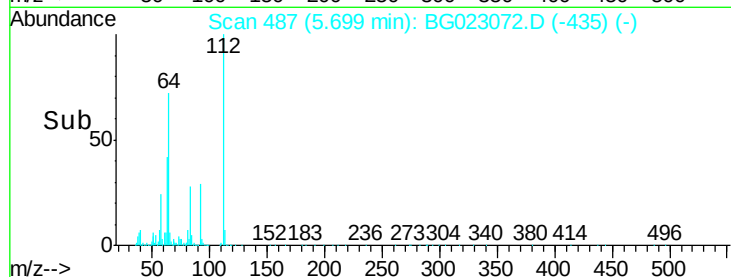
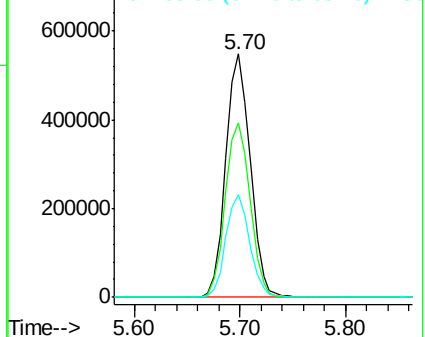
63 42.0 37.8 56.8



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: 12.80 ng

RT: 7.47 min Scan# 788

Delta R.T. -0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

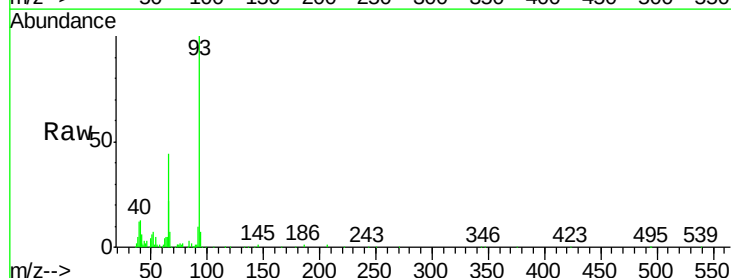
Tgt Ion: 93 Resp: 163564

Ion Ratio Lower Upper

93 100

66 43.7 37.5 56.3

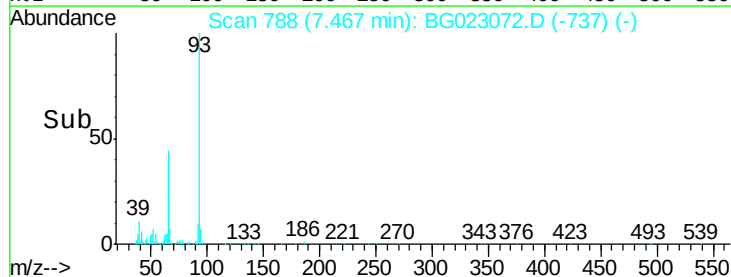
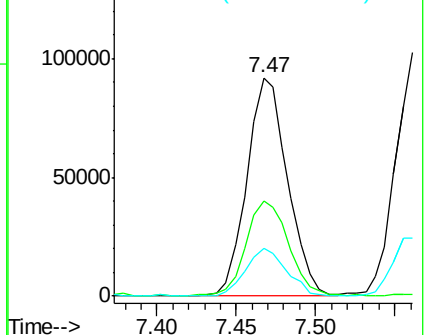
65 21.8 17.9 26.9

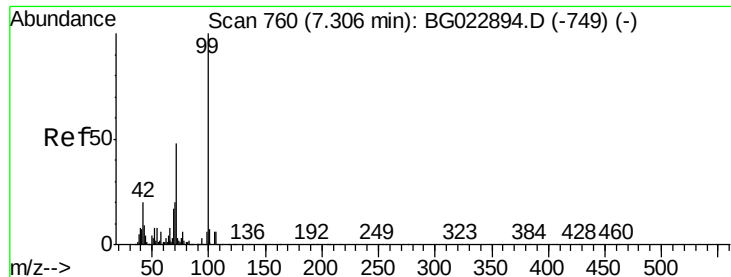


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 151.43 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

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ClientSampleId :

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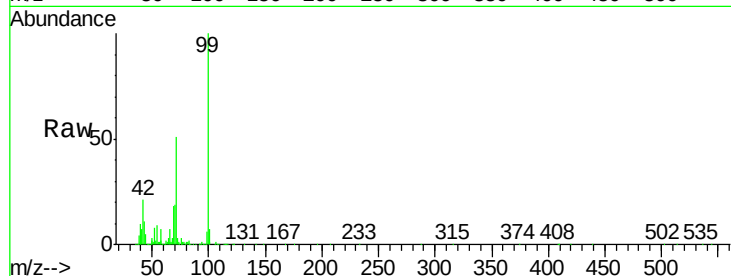
Tot Ion: 99 Resp: 1395947

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.5  | 17.8  | 26.6  |
| 71  | 51.0  | 41.5  | 62.3  |

99 100

42 20.5 17.8 26.6

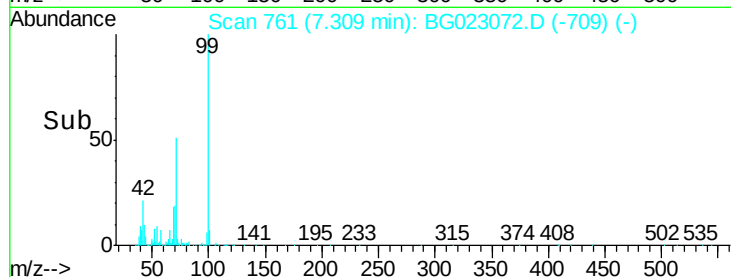
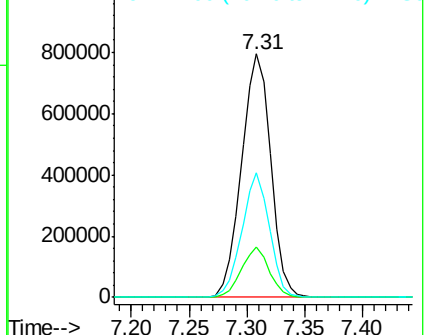
71 51.0 41.5 62.3



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: 24.99 ng

RT: 7.71 min Scan# 830

Delta R.T. -0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

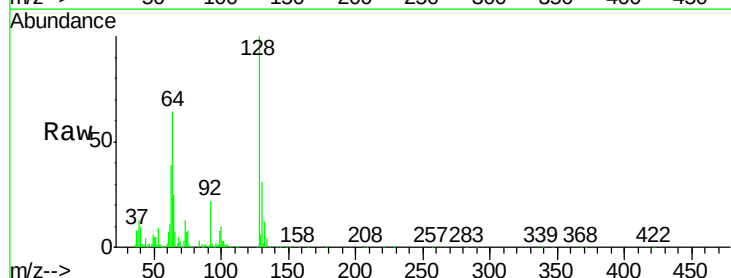
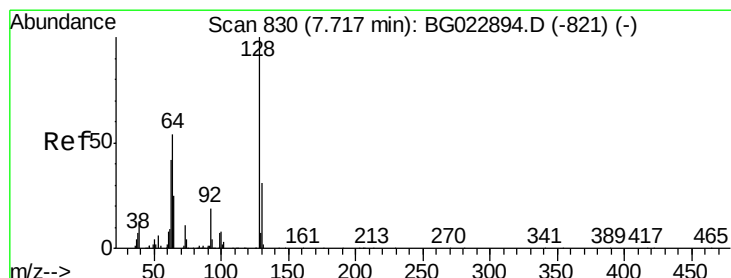
Tgt Ion:128 Resp: 156527

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 31.1  | 12.9  | 52.9  |
| 64  | 64.0  | 42.0  | 82.0  |

128 100

130 31.1 12.9 52.9

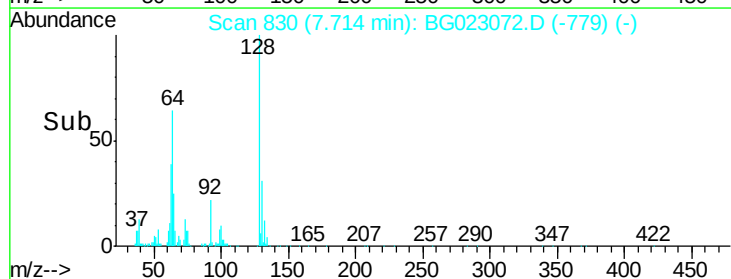
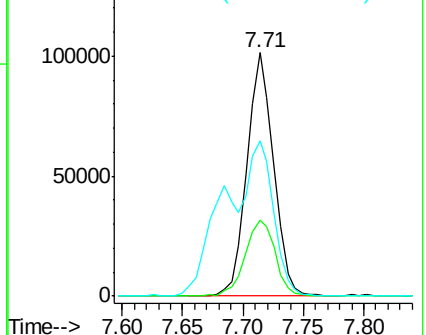
64 64.0 42.0 82.0



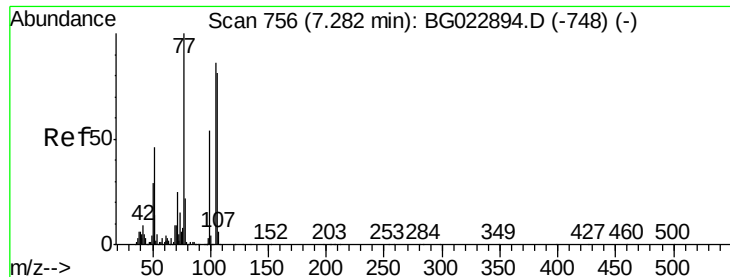
Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC







#9

Benzaldehyde

Concen: 17.01 ng

RT: 7.28 min Scan# 756

Delta R.T. -0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

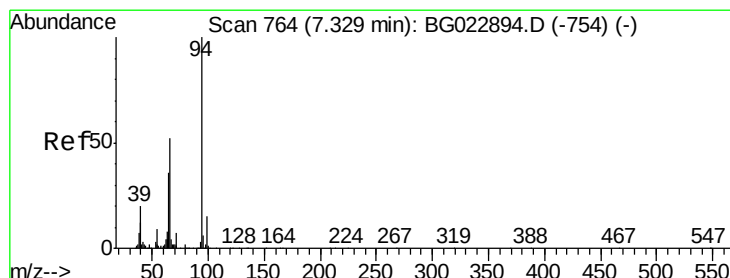
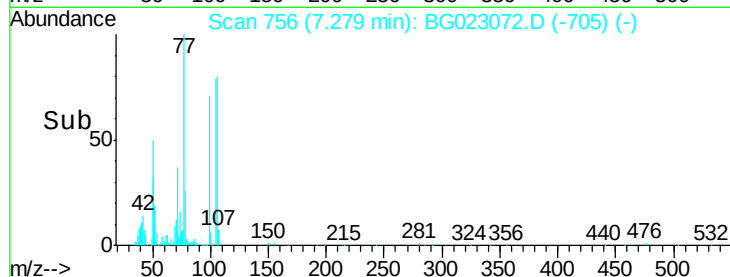
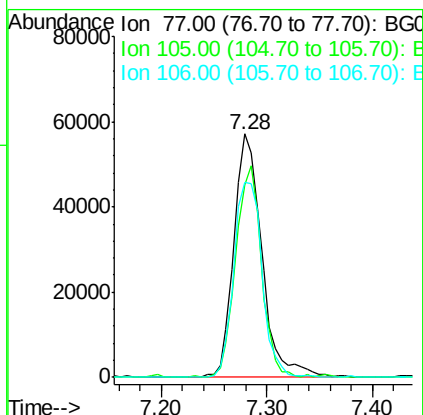
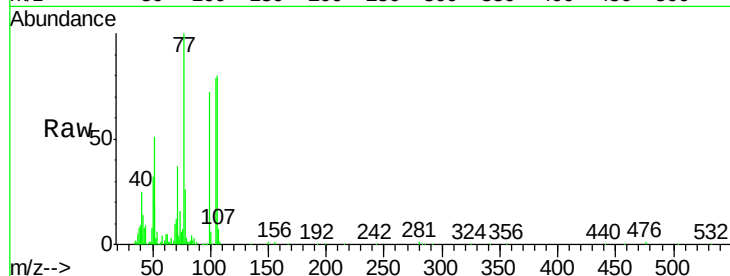
Tot Ion: 77 Resp: 104780

Ion Ratio Lower Upper

77 100

105 79.2 58.7 98.7

106 80.0 67.5 107.5



#10

Phenol

Concen: 26.95 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

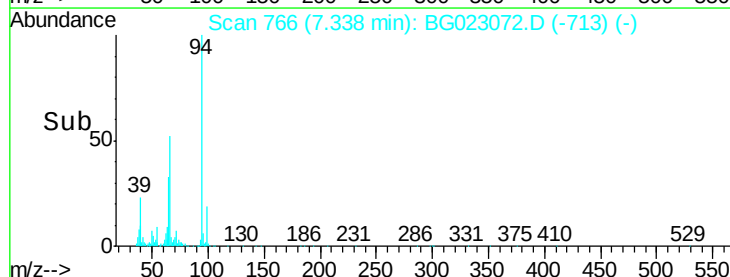
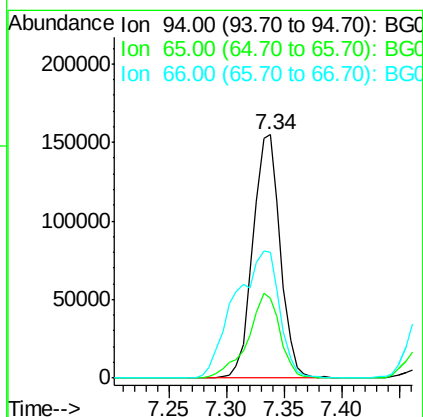
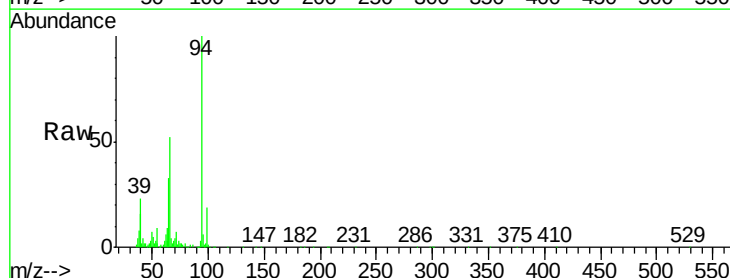
Tgt Ion: 94 Resp: 255567

Ion Ratio Lower Upper

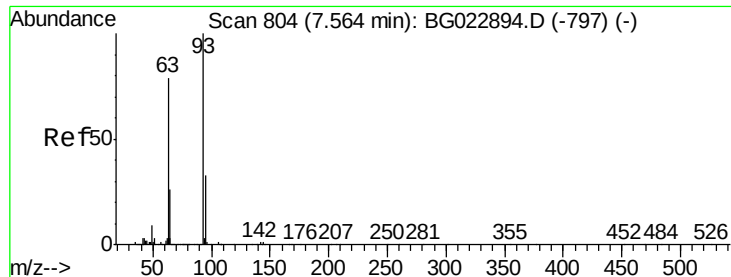
94 100

65 32.5 18.1 58.1

66 51.5 42.1 82.1



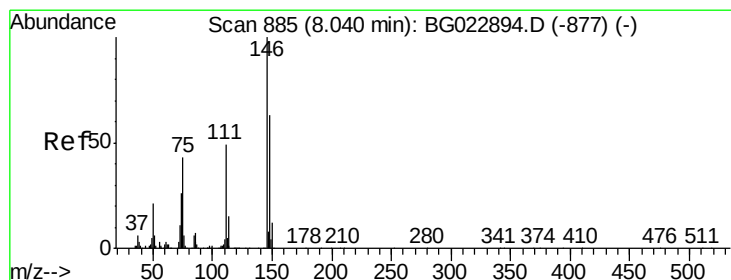
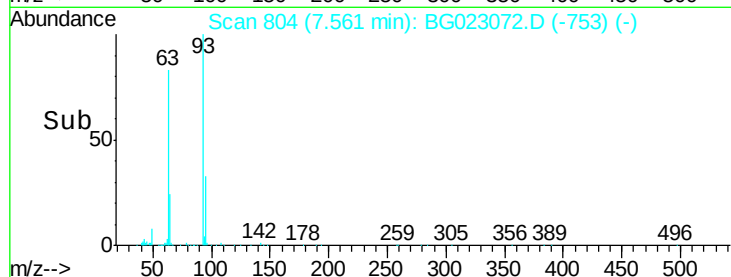
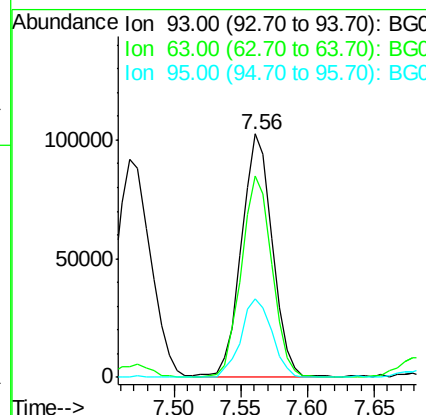
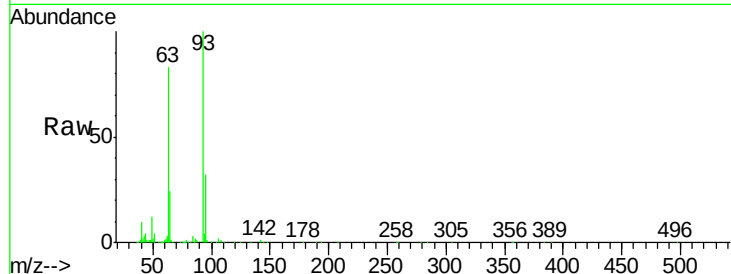




#11  
bis(2-Chloroethyl)ether  
Concen: 21.71 ng  
RT: 7.56 min Scan# 804  
Delta R.T. -0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

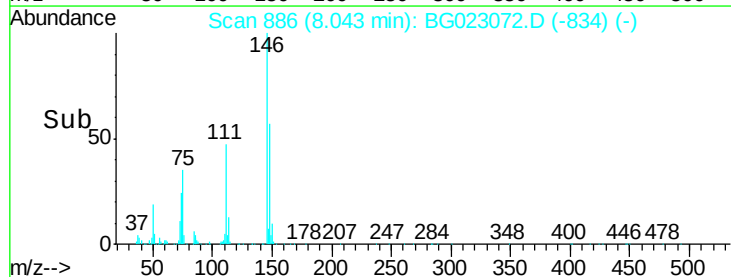
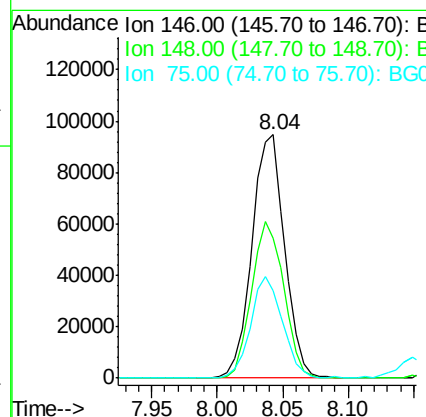
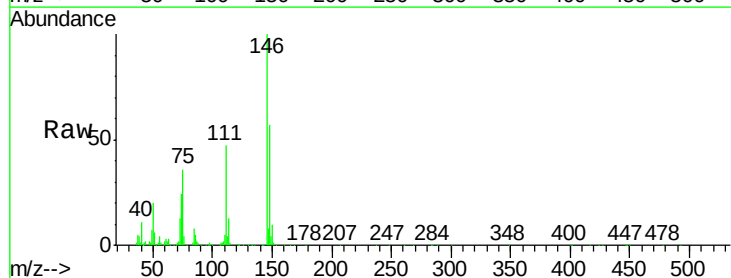
Instrument :  
BNA\_G  
ClientSampleId :  
PB92013BS

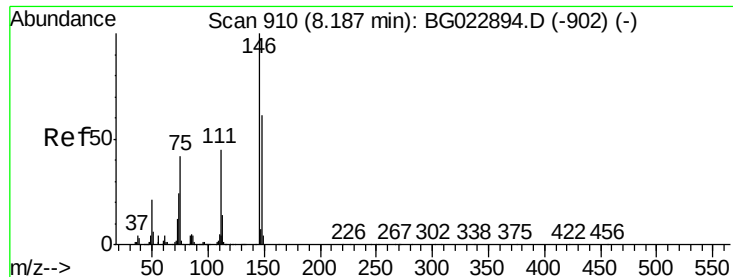
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 82.8  | 55.0  | 95.0  |
| 95      | 32.5  | 11.0  | 51.0  |



#12  
1,3-Dichlorobenzene  
Concen: 21.44 ng m  
RT: 8.04 min Scan# 886  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 57.3  | 50.3  | 75.5  |
| 75      | 35.7  | 37.0  | 55.6  |





#13

1,4-Dichlorobenzene

Concen: 21.67 ng

RT: 8.18 min Scan# 910

Delta R.T. -0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

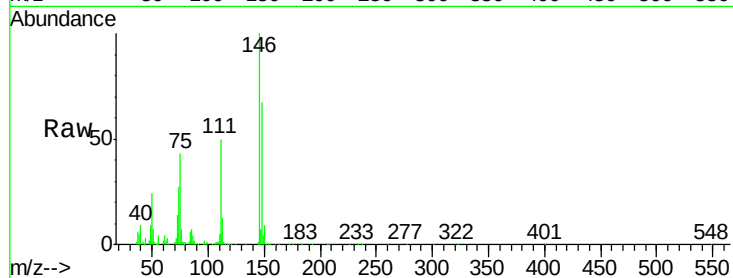
Tot Ion:146 Resp: 166301

Ion Ratio Lower Upper

146 100

148 67.2 54.5 81.7

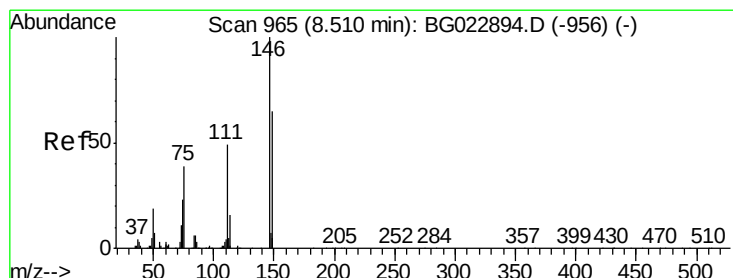
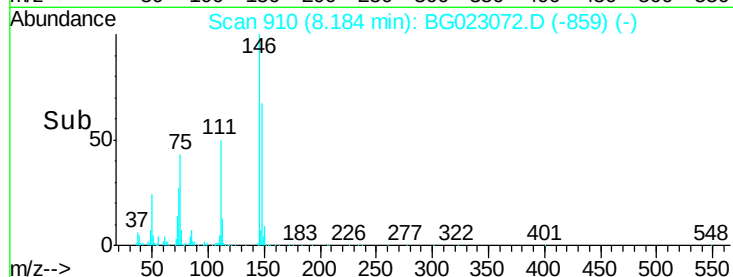
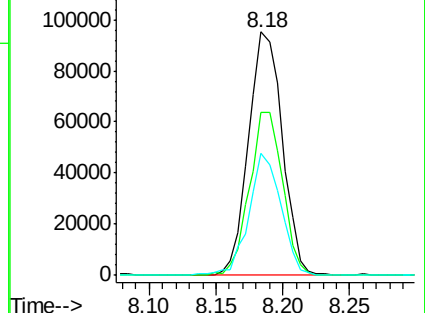
111 50.1 37.8 56.8



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: 21.19 ng

RT: 8.51 min Scan# 965

Delta R.T. -0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

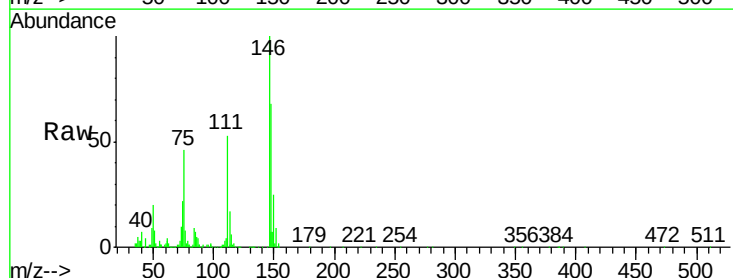
Tgt Ion:146 Resp: 161665

Ion Ratio Lower Upper

146 100

148 67.5 52.9 79.3

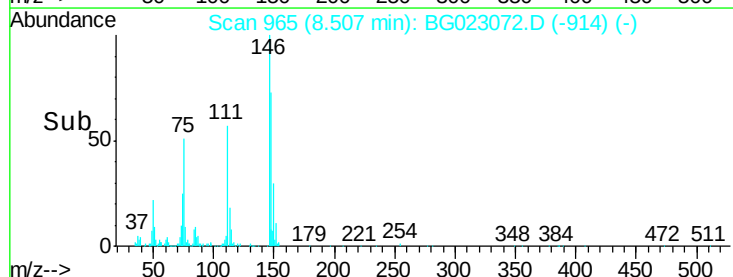
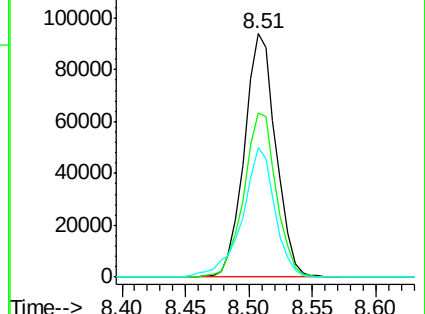
111 53.0 43.5 65.3

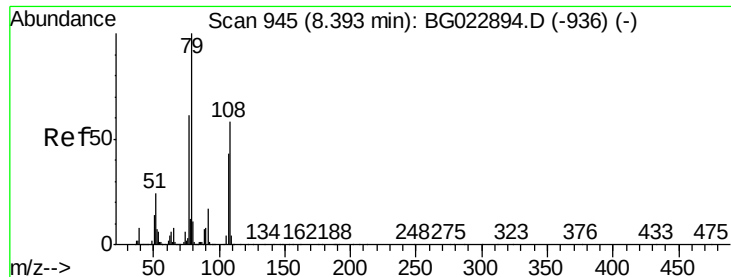


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.52 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

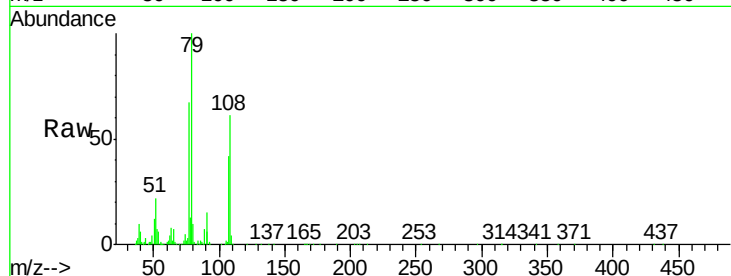
Tot Ion: 79 Resp: 215437

Ion Ratio Lower Upper

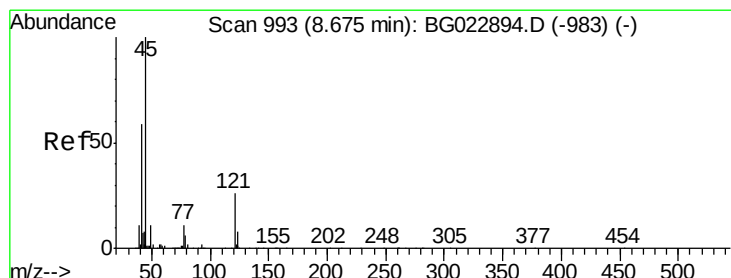
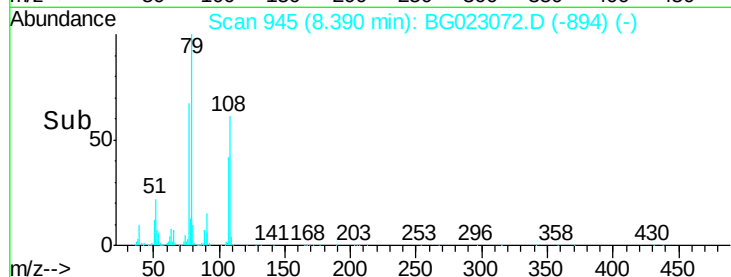
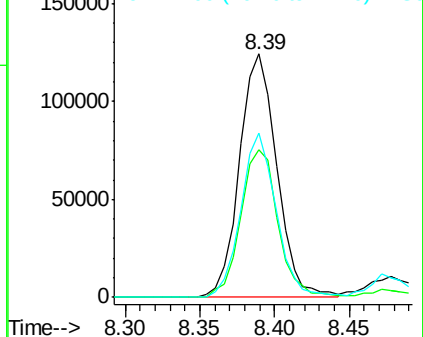
79 100

108 60.8 46.5 69.7

77 67.3 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: 22.13 ng

RT: 8.68 min Scan# 995

Delta R.T. 0.01 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

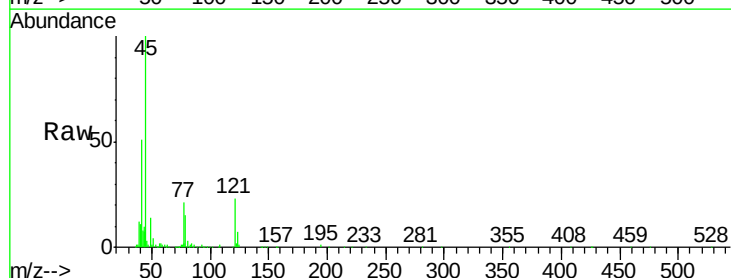
Tgt Ion: 45 Resp: 203239

Ion Ratio Lower Upper

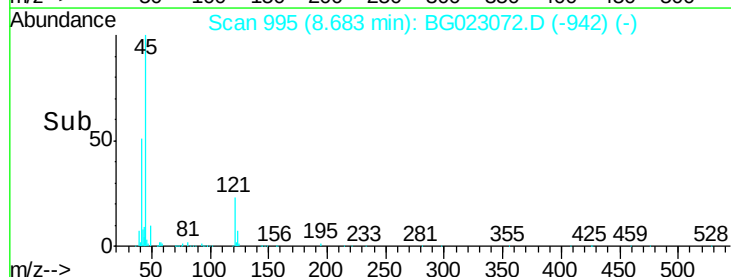
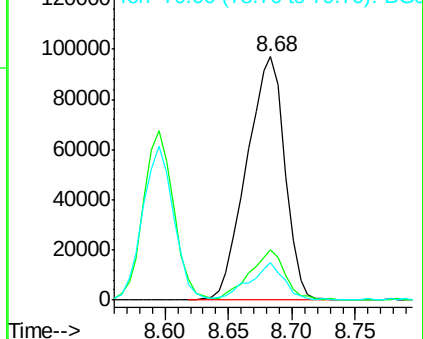
45 100

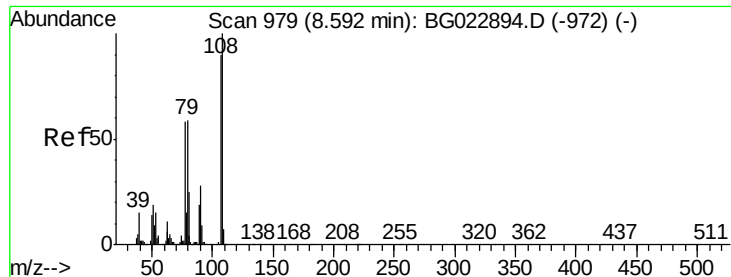
77 20.9 0.6 40.6

79 15.5 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: 26.46 ng

RT: 8.60 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

Tot Ion:107 Resp: 163386

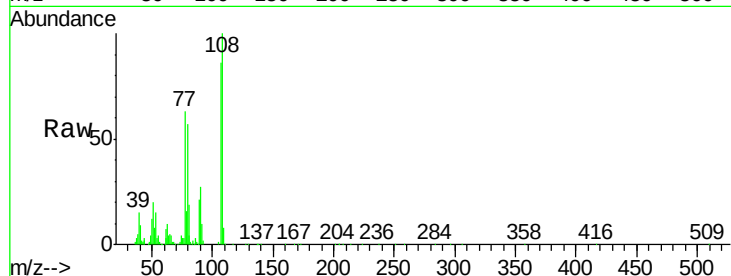
Ion Ratio Lower Upper

107 100

108 116.6 92.0 138.0

77 73.1 55.8 83.6

79 66.8 55.0 82.6

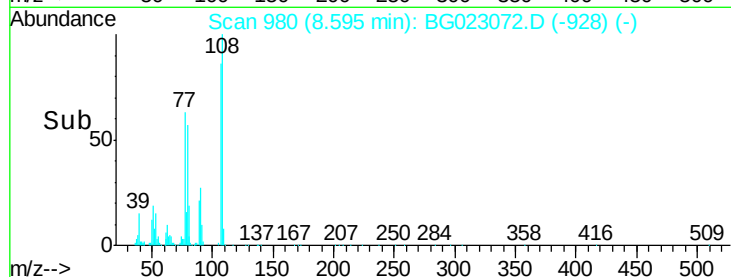


Abundance Ion 107.00 (106.70 to 107.70): E

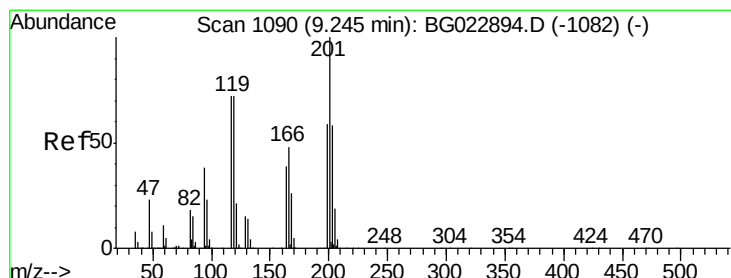
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time-->



#18

Hexachloroethane

Concen: 21.27 ng

RT: 9.24 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

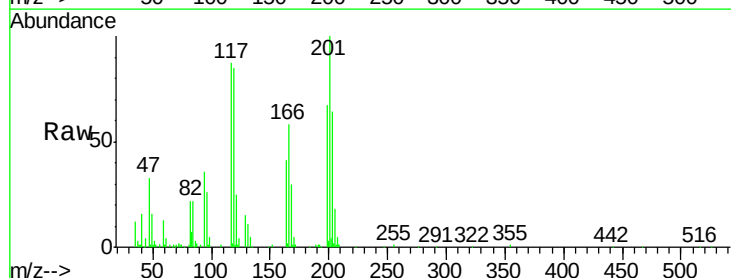
Tgt Ion:117 Resp: 68911

Ion Ratio Lower Upper

117 100

119 97.9 73.7 110.5

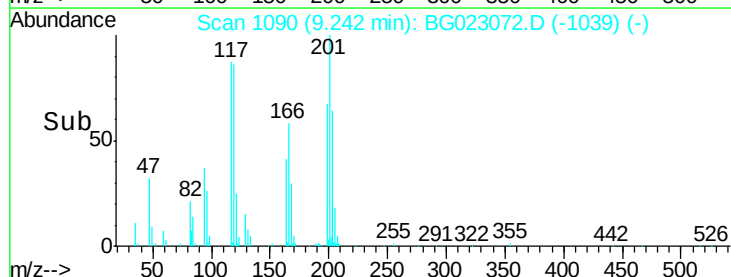
201 114.9 88.7 133.1



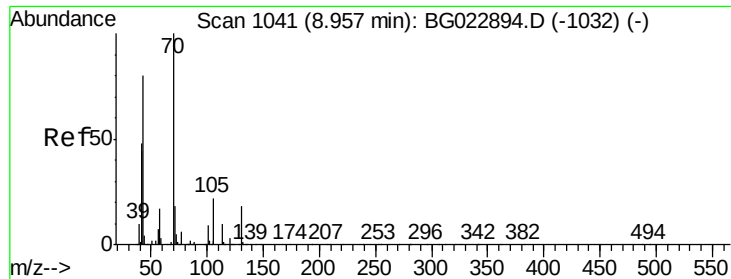
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



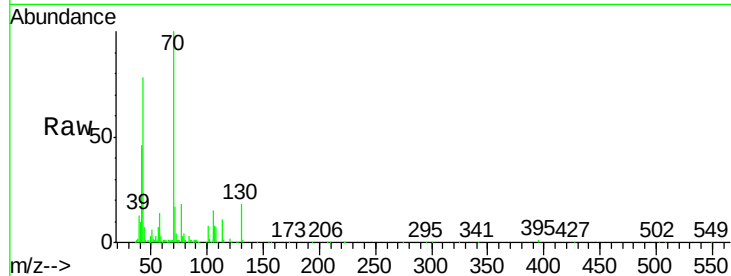
Time-->



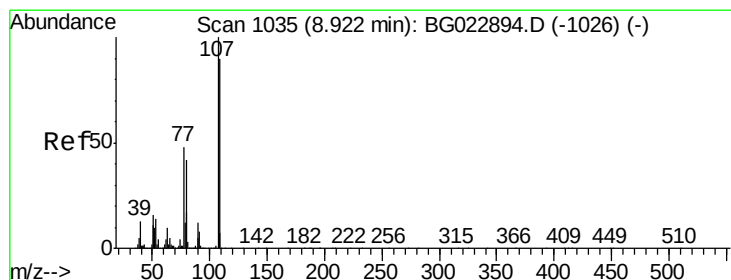
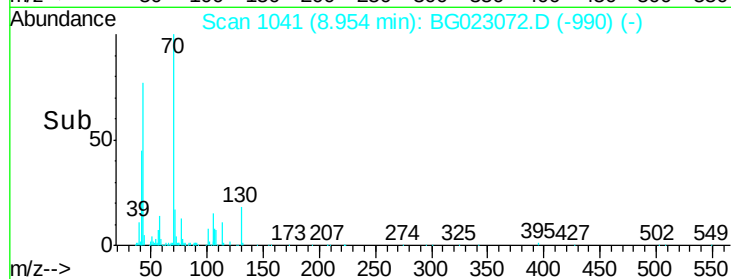
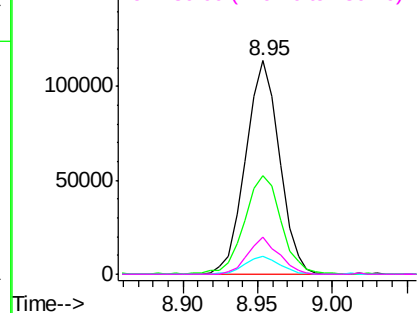
#19  
n-Nitroso-di-n-propylamine  
Concen: 21.47 ng  
RT: 8.95 min Scan# 1041  
Delta R.T. -0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB92013BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 178452 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 46.2  | 42.1  | 63.1   |
| 101      | 8.4   | 7.2   | 10.8   |
| 130      | 17.6  | 14.2  | 21.2   |

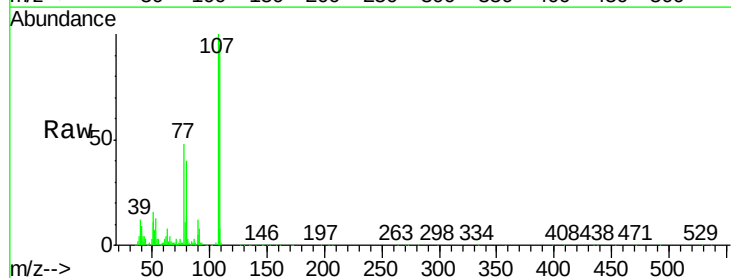


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

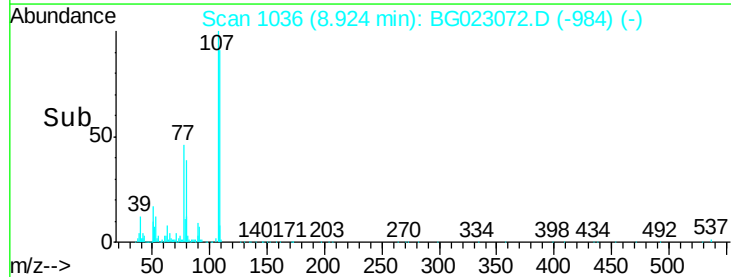
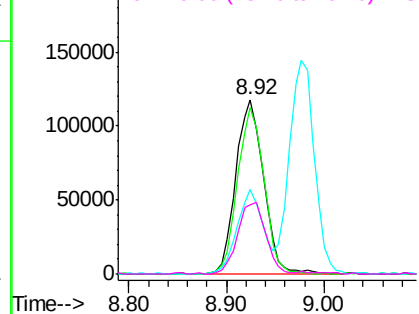


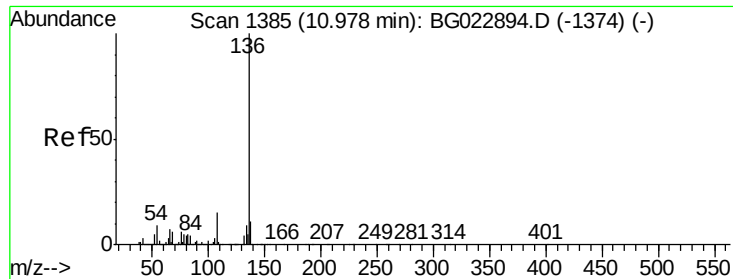
#20  
3+4-Methylphenols  
Concen: 27.17 ng  
RT: 8.92 min Scan# 1036  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 233989 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 95.3  | 72.5  | 112.5  |
| 77       | 48.3  | 30.1  | 70.1   |
| 79       | 39.8  | 24.2  | 64.2   |



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

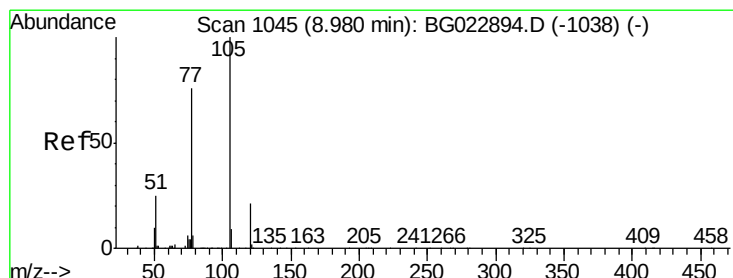
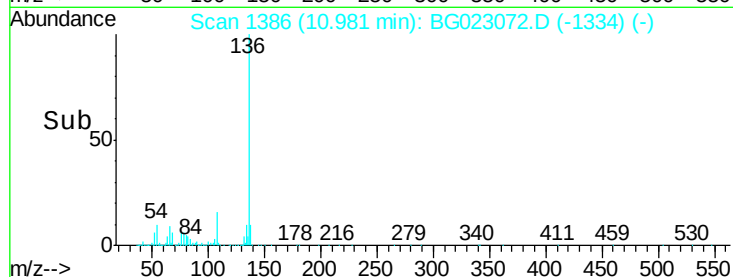
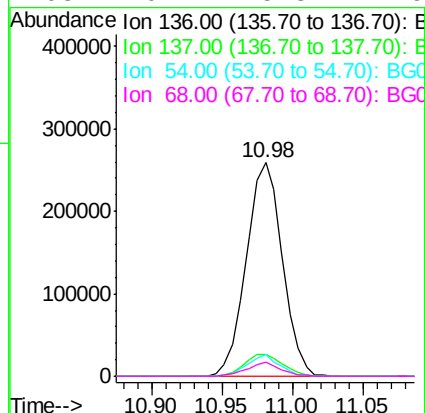
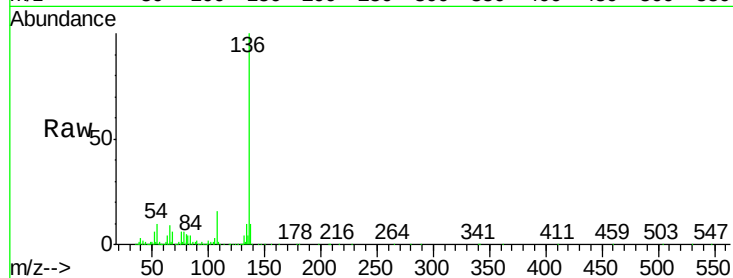




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.98 min Scan# 1386  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

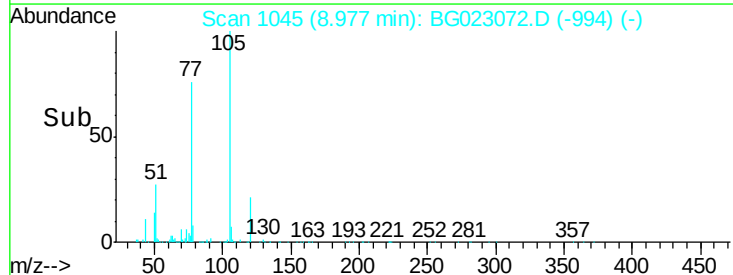
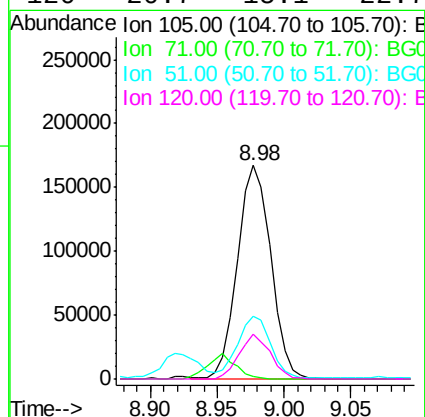
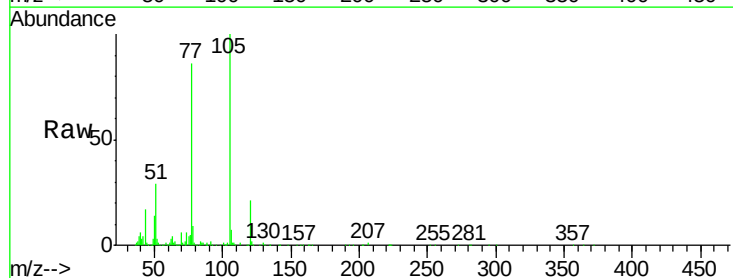
Instrument :  
BNA\_G  
ClientSampleId :  
PB92013BS

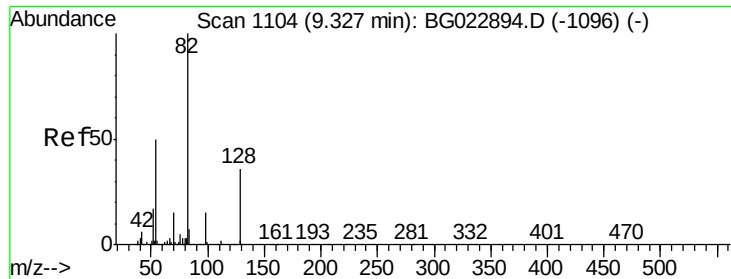
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 462771 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 10.3    | 9.6   | 14.4   |  |
| 54 9.9      | 7.3   | 10.9   |  |
| 68 6.4      | 5.3   | 7.9    |  |



#22  
Acetophenone  
Concen: 20.91 ng  
RT: 8.98 min Scan# 1045  
Delta R.T. -0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 290459 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 1.2     | 2.6   | 3.8#   |
| 51  | 29.1    | 27.1  | 40.7   |
| 120 | 20.7    | 15.1  | 22.7   |

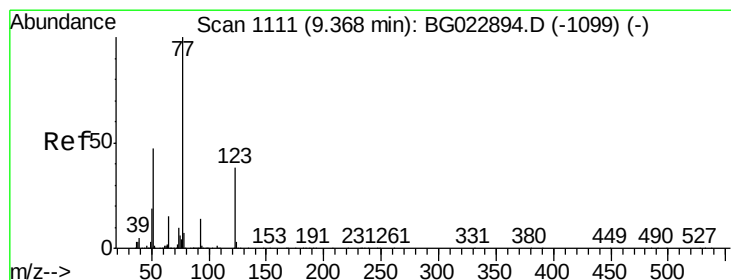
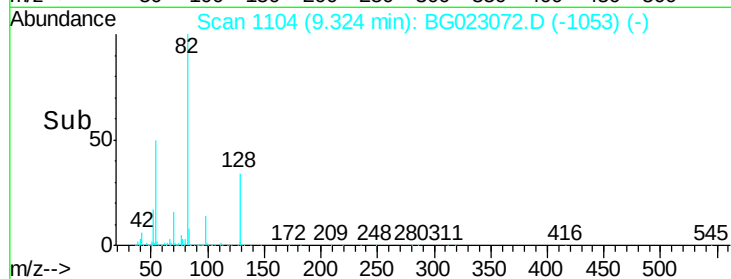
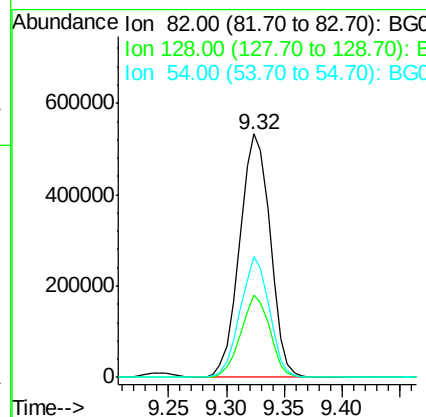
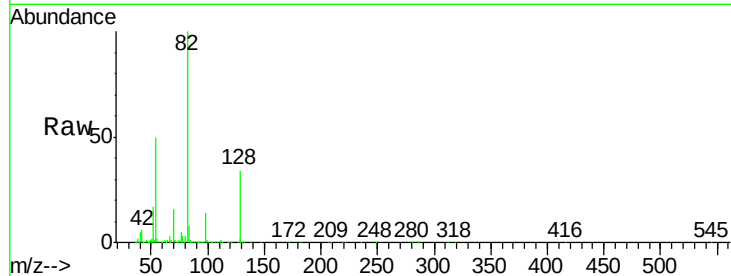




#23  
 Nitrobenzene-d5  
 Concen: 90.57 ng  
 RT: 9.32 min Scan# 1104  
 Delta R.T. -0.00 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

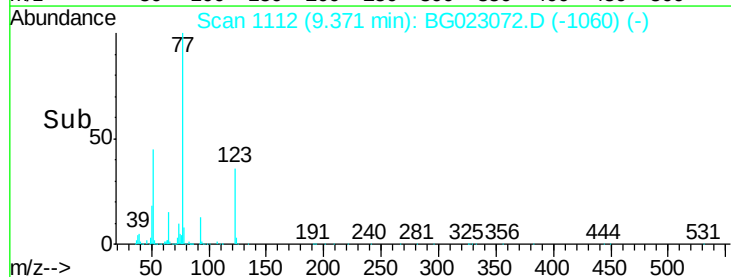
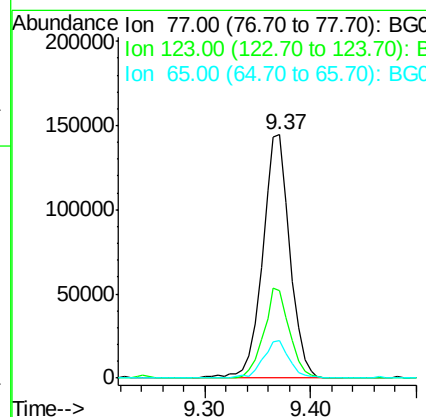
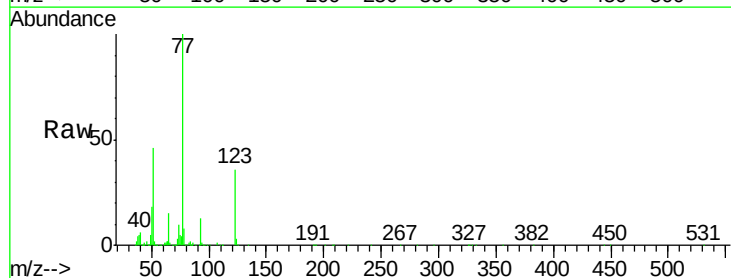
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92013BS

| Tot Ion   | 82    | Resp  | 978802 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 82        | 100   |       |        |
| 128       | 33.9  | 24.4  | 36.6   |
| 54        | 49.6  | 41.4  | 62.0   |

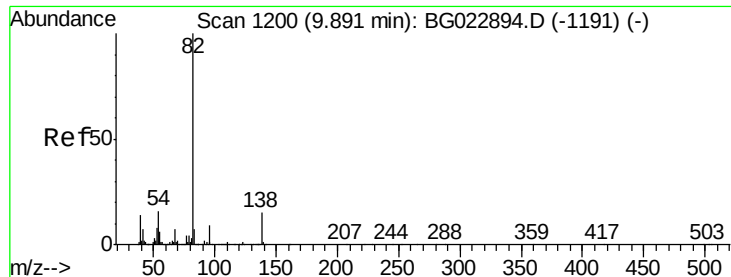


#24  
 Nitrobenzene  
 Concen: 22.53 ng  
 RT: 9.37 min Scan# 1112  
 Delta R.T. 0.00 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

| Tgt Ion   | 77    | Resp  | 258734 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 77        | 100   |       |        |
| 123       | 35.8  | 25.0  | 37.6   |
| 65        | 15.3  | 13.4  | 20.0   |







#25

Isophorone

Concen: 21.81 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

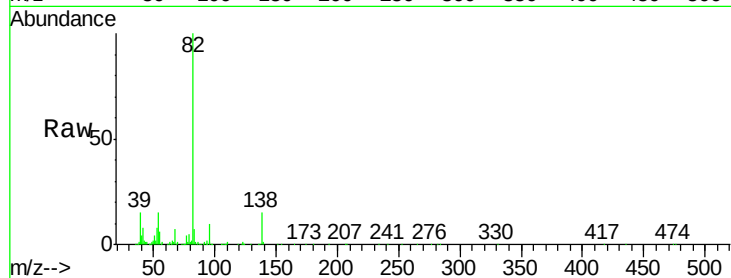
Tot Ion: 82 Resp: 474071

Ion Ratio Lower Upper

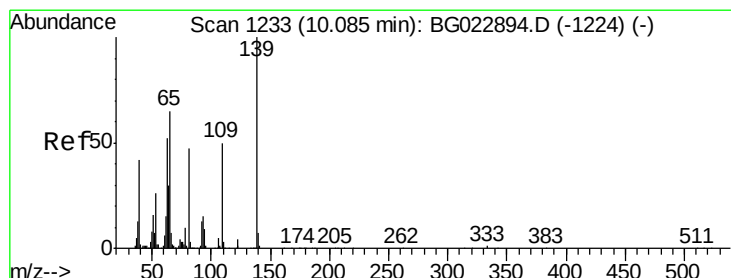
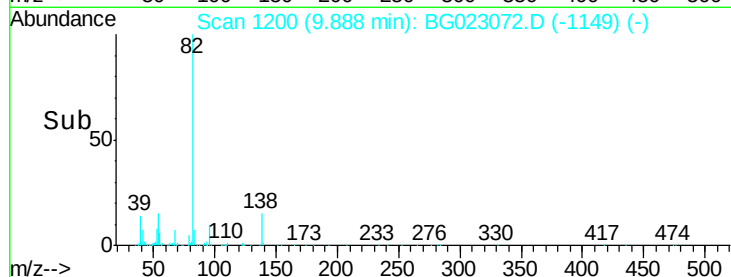
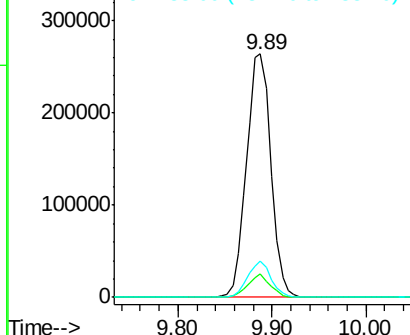
82 100

95 9.9 8.2 12.2

138 14.8 10.7 16.1



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



#26

2-Nitrophenol

Concen: 23.13 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

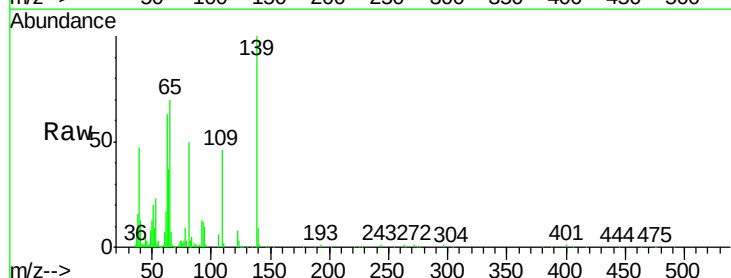
Tgt Ion: 139 Resp: 104231

Ion Ratio Lower Upper

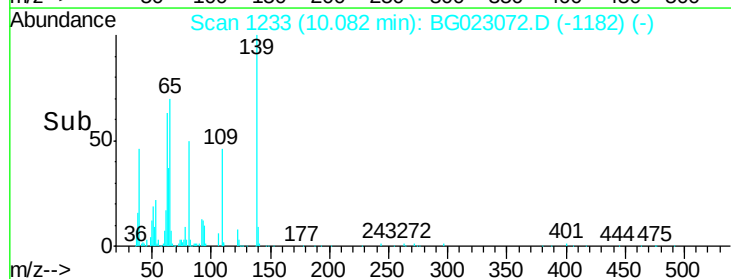
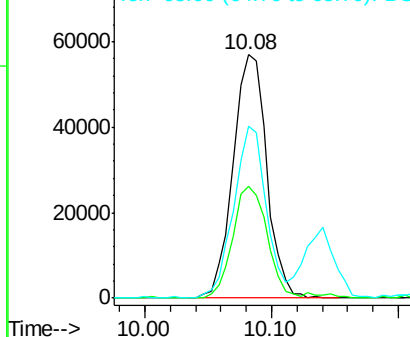
139 100

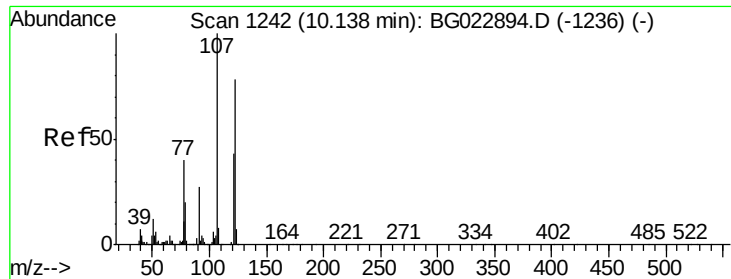
109 46.2 43.5 65.3

65 70.4 64.3 96.5



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

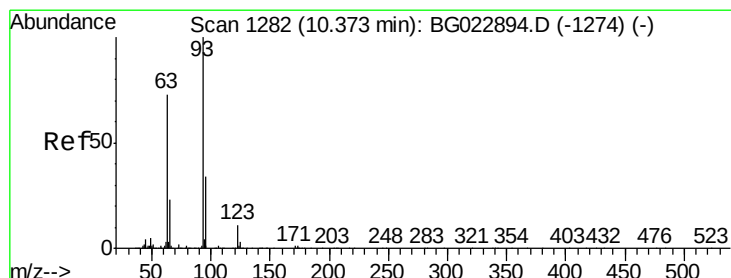
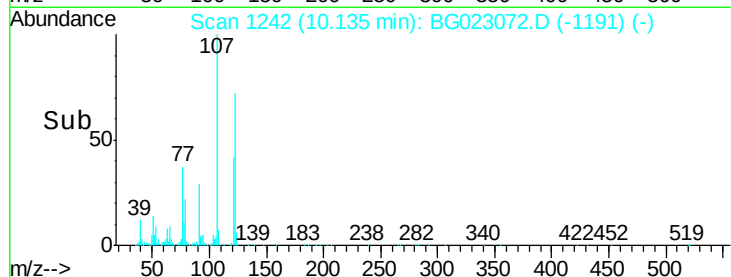
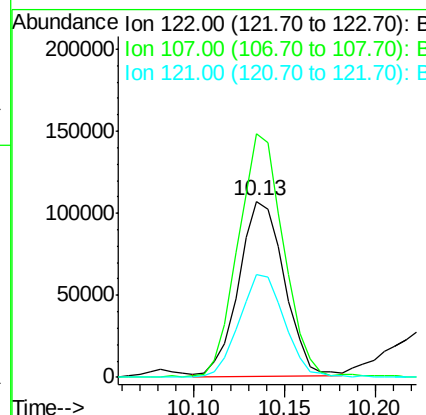
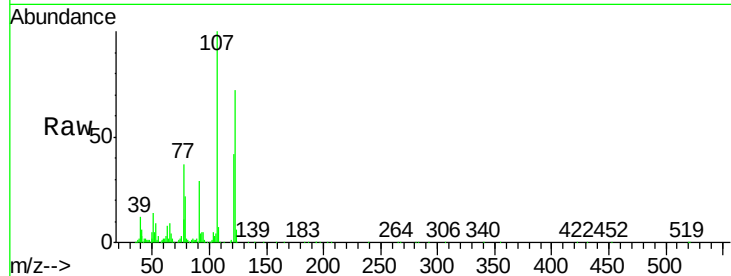




#27  
 2,4-Dimethylphenol  
 Concen: 24.13 ng  
 RT: 10.13 min Scan# 1242  
 Delta R.T. -0.00 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

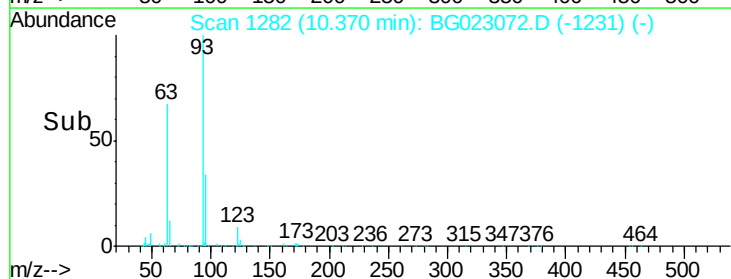
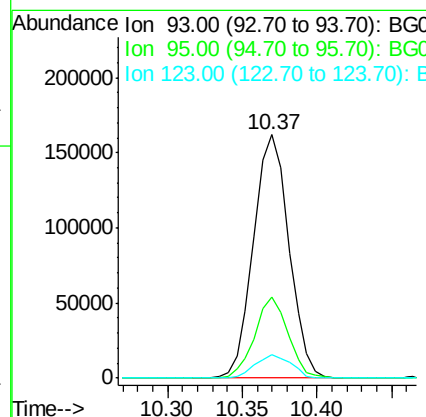
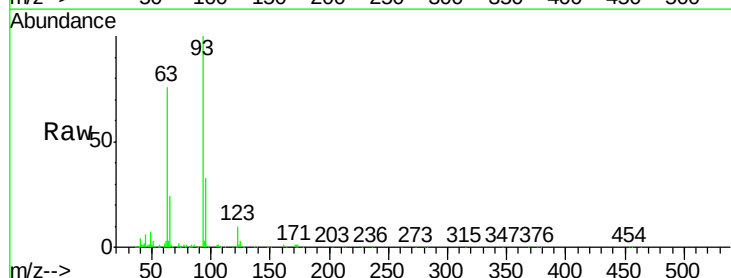
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92013BS

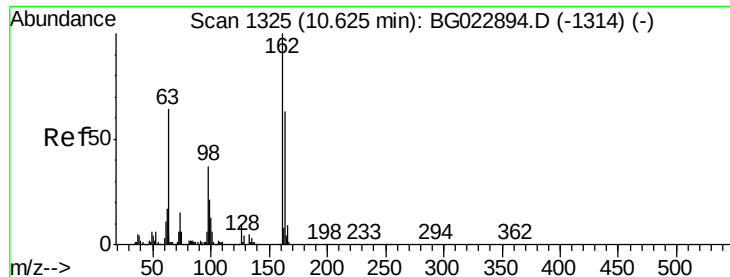
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 138.1 | 117.0 | 175.4 |
| 121     | 58.7  | 50.1  | 75.1  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 21.93 ng  
 RT: 10.37 min Scan# 1282  
 Delta R.T. -0.00 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.4  | 25.4  | 38.2  |
| 123     | 9.7   | 8.2   | 12.2  |





#29

2,4-Dichlorophenol

Concen: 24.79 ng

RT: 10.62 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

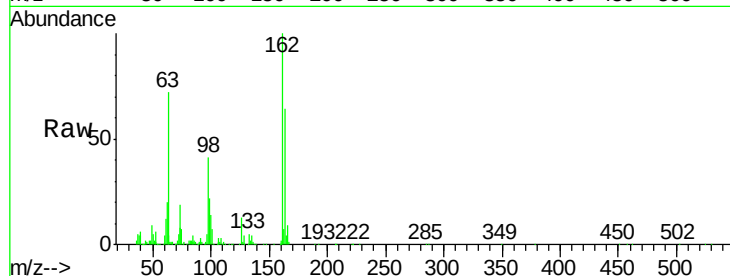
Tot Ion:162 Resp: 205955

Ion Ratio Lower Upper

162 100

164 63.7 44.3 84.3

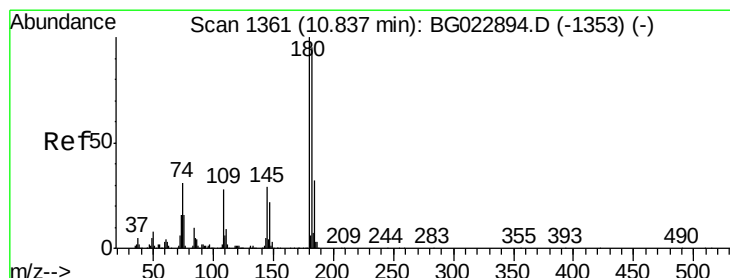
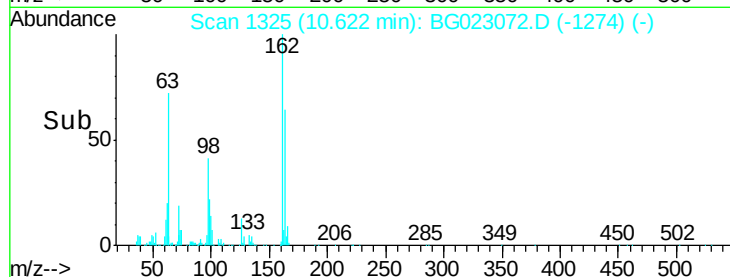
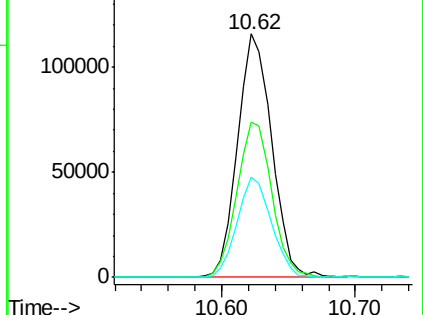
98 41.4 19.5 59.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 20.98 ng

RT: 10.84 min Scan# 1362

Delta R.T. 0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

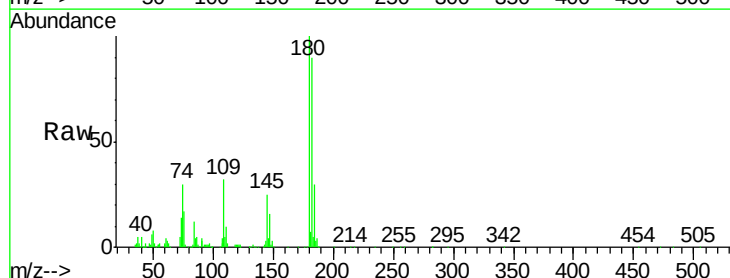
Tgt Ion:180 Resp: 199707

Ion Ratio Lower Upper

180 100

182 90.4 73.8 110.8

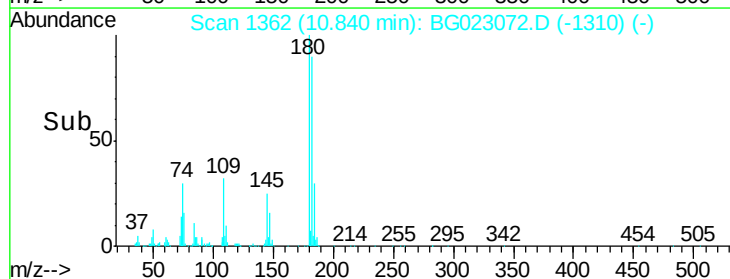
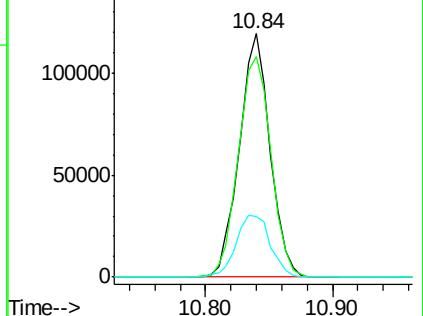
145 24.9 24.4 36.6

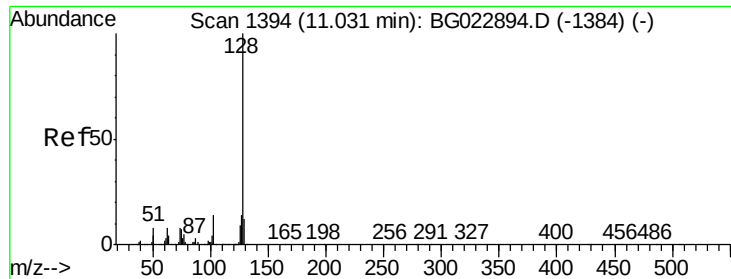


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

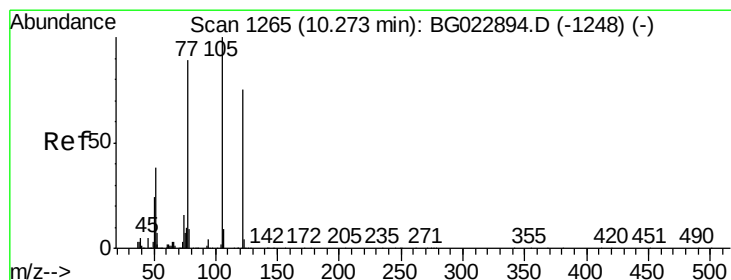
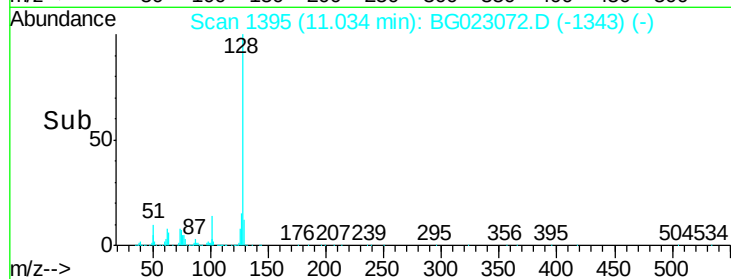
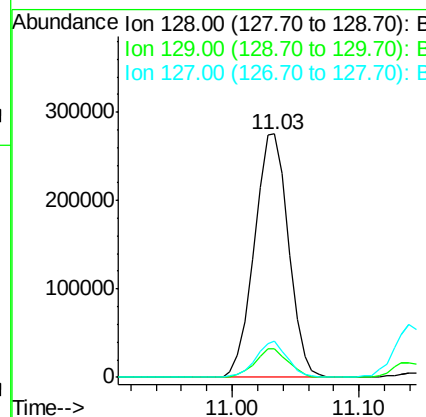
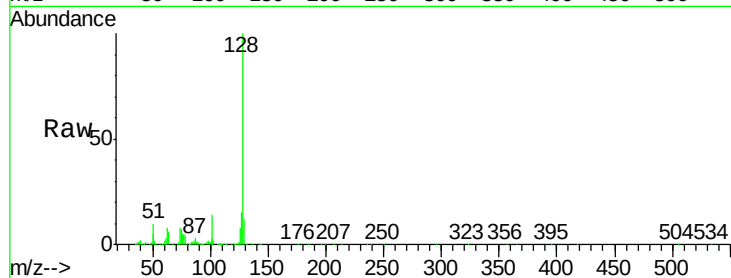




#31  
Naphthalene  
Concen: 21.93 ng  
RT: 11.03 min Scan# 1395  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

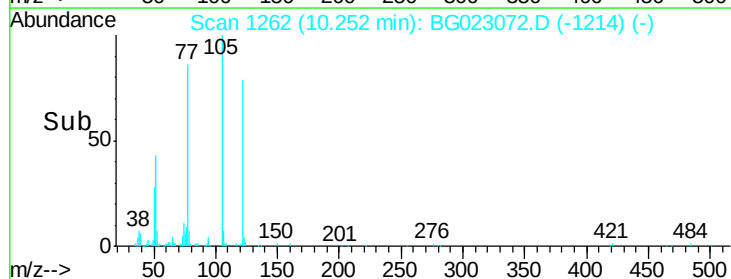
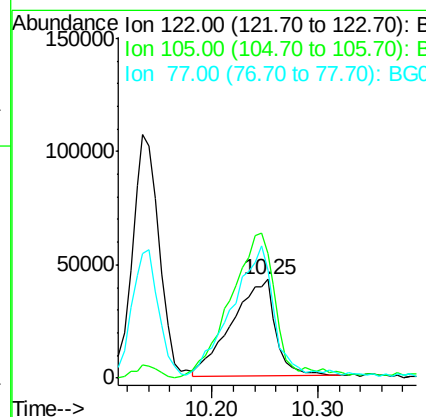
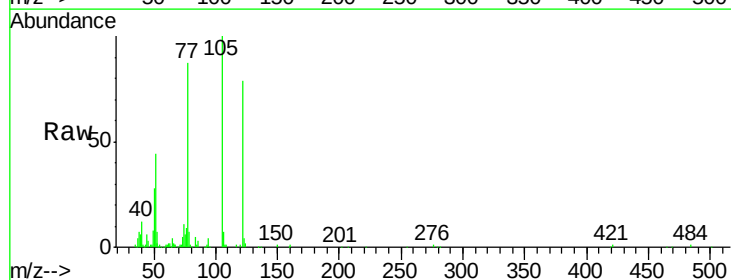
Instrument :  
BNA\_G  
ClientSampleId :  
PB92013BS

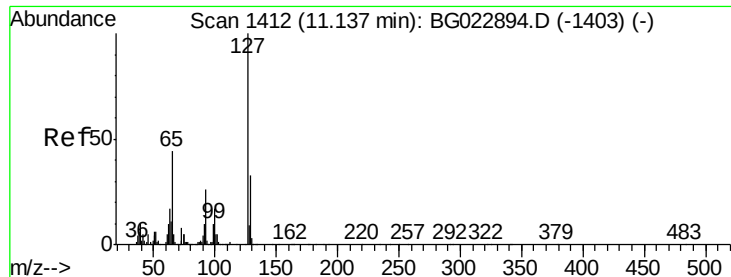
Tot Ion:128 Resp: 516527  
Ion Ratio Lower Upper  
128 100  
129 11.9 9.4 14.0  
127 14.7 11.3 16.9



#32  
Benzoic acid  
Concen: 17.19 ng  
RT: 10.25 min Scan# 1262  
Delta R.T. -0.02 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

Tgt Ion:122 Resp: 121818  
Ion Ratio Lower Upper  
122 100  
105 126.3 117.2 157.2  
77 110.0 109.2 149.2

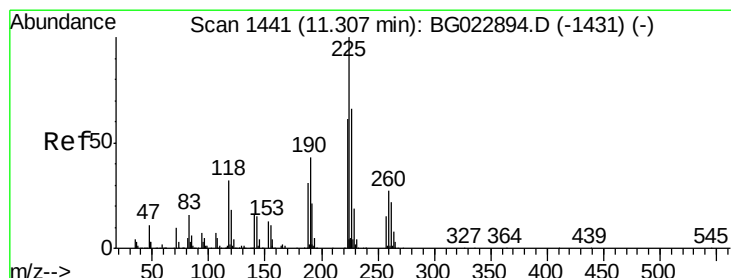
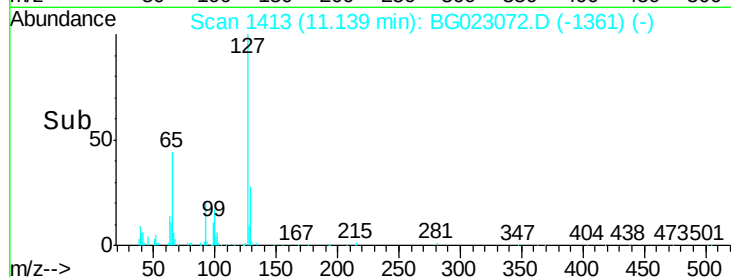
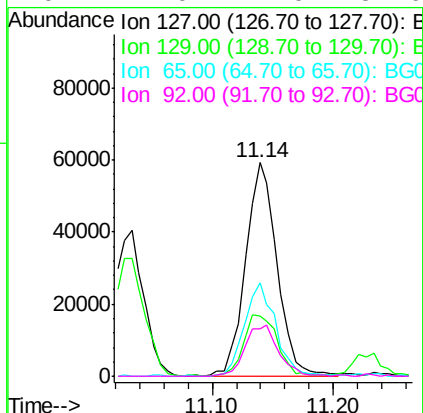
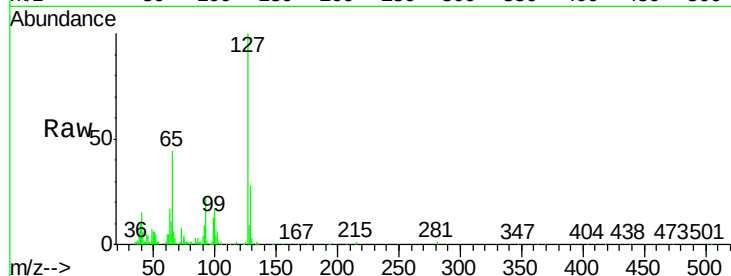




#33  
4-Chloroaniline  
Concen: 9.35 ng  
RT: 11.14 min Scan# 1413  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

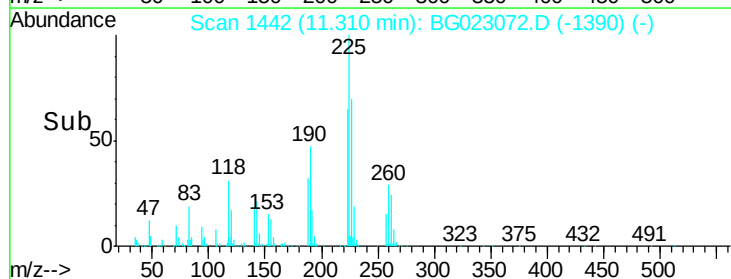
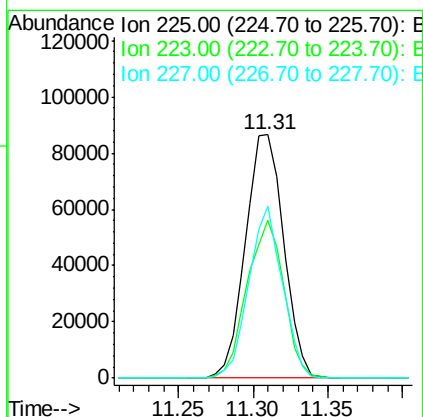
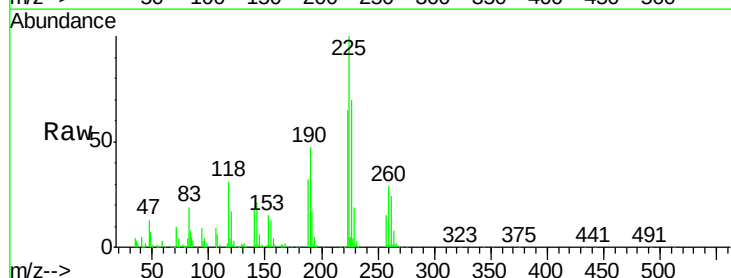
Instrument :  
BNA\_G  
ClientSampleId :  
PB92013BS

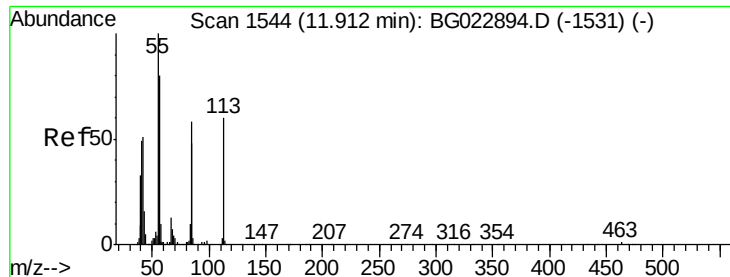
|             |       |             |
|-------------|-------|-------------|
| Tot Ion:127 | Resp: | 107764      |
| Ion         | Ratio | Lower Upper |
| 127         | 100   |             |
| 129         | 28.0  | 27.9 41.9   |
| 65          | 43.7  | 36.8 55.2   |
| 92          | 22.0  | 21.0 31.6   |



#34  
Hexachlorobutadiene  
Concen: 19.87 ng  
RT: 11.31 min Scan# 1442  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:225 | Resp: | 153353      |
| Ion         | Ratio | Lower Upper |
| 225         | 100   |             |
| 223         | 64.7  | 49.6 74.4   |
| 227         | 74.3  | 54.5 81.7   |





#35

Caprolactam

Concen: 23.21 ng

RT: 11.90 min Scan# 1543

Delta R.T. -0.01 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

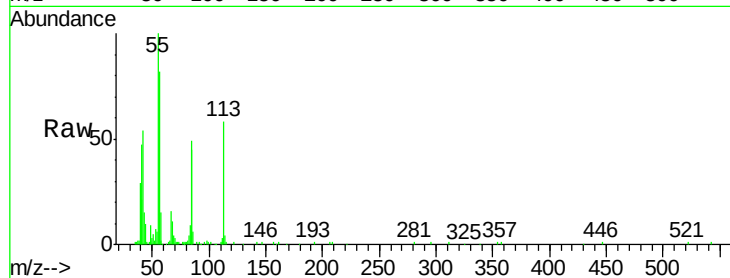
Tot Ion:113 Resp: 79327

Ion Ratio Lower Upper

113 100

55 172.2 154.5 194.5

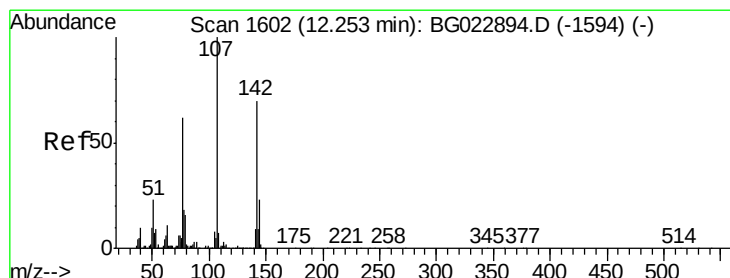
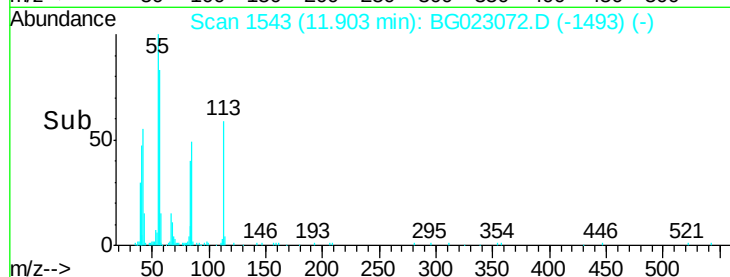
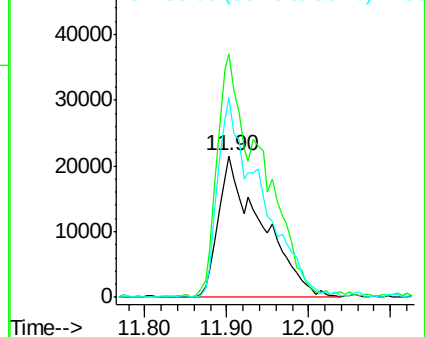
56 141.3 125.1 165.1



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 23.47 ng

RT: 12.26 min Scan# 1603

Delta R.T. 0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

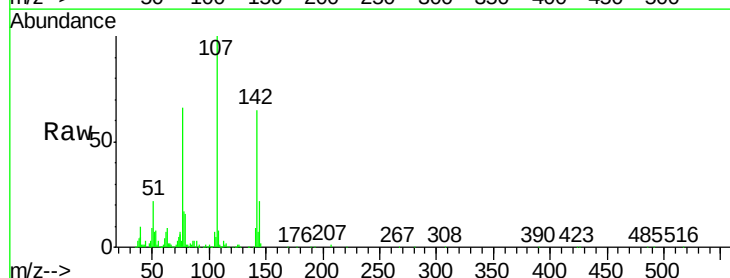
Tgt Ion:107 Resp: 266693

Ion Ratio Lower Upper

107 100

144 21.7 17.0 25.6

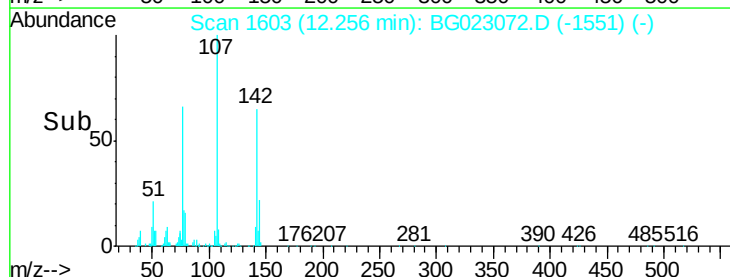
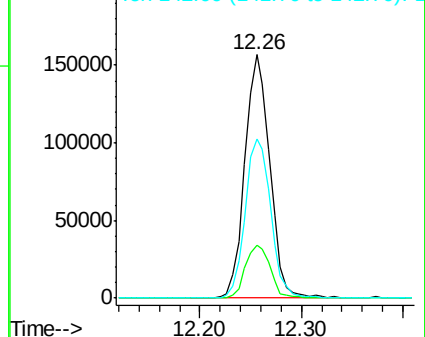
142 65.2 53.0 79.6

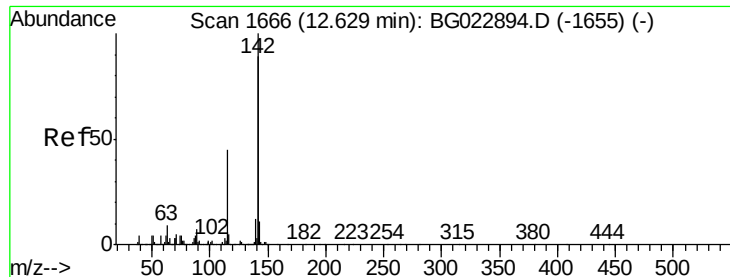


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

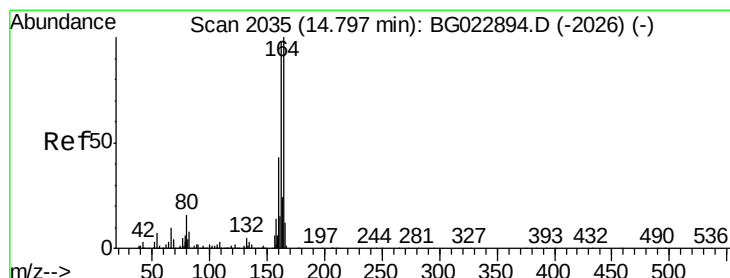
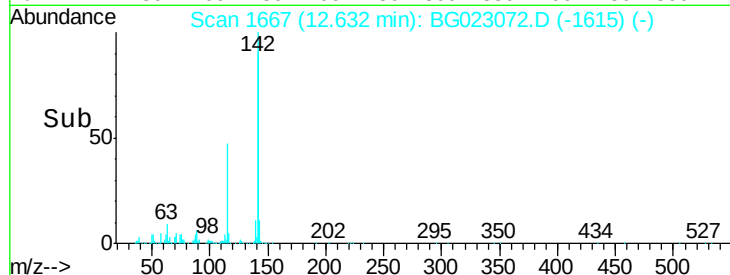
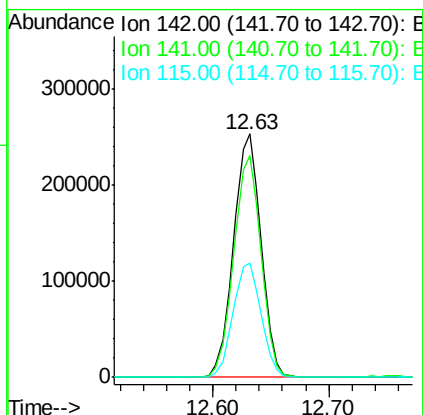
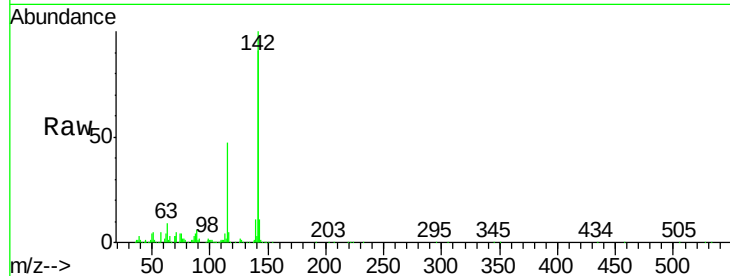




#37  
2-Methylnaphthalene  
Concen: 22.43 ng  
RT: 12.63 min Scan# 1667  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

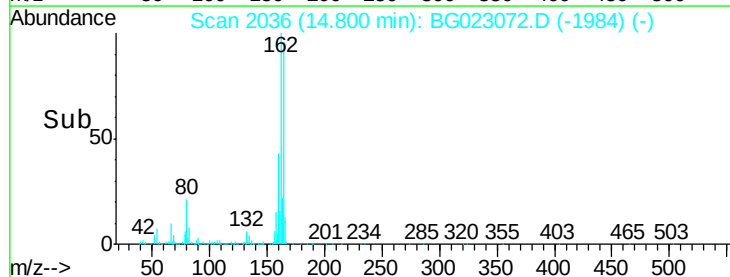
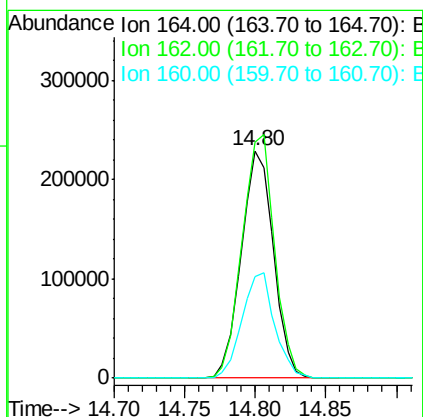
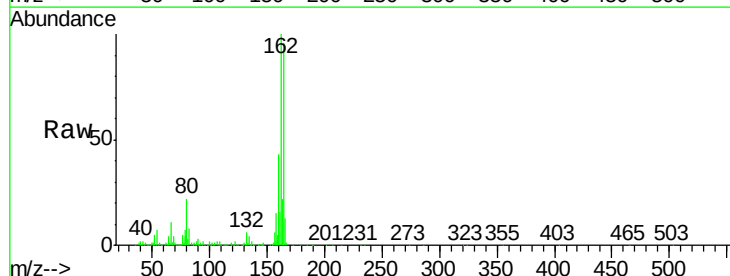
Instrument :  
BNA\_G  
ClientSampleId :  
PB92013BS

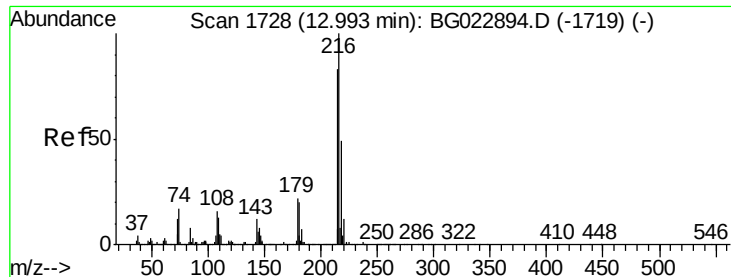
Tot Ion:142 Resp: 417653  
Ion Ratio Lower Upper  
142 100  
141 91.4 70.2 105.2  
115 46.7 41.7 62.5



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.80 min Scan# 2036  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

Tgt Ion:164 Resp: 366591  
Ion Ratio Lower Upper  
164 100  
162 103.6 87.7 131.5  
160 44.4 37.2 55.8

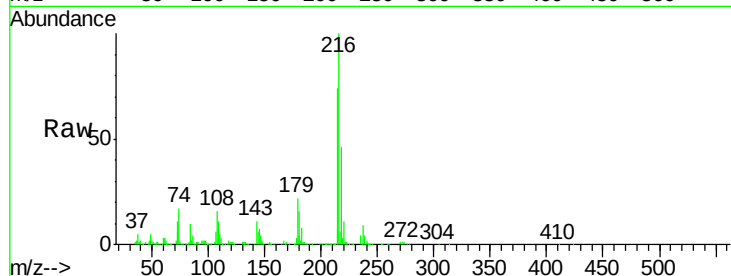




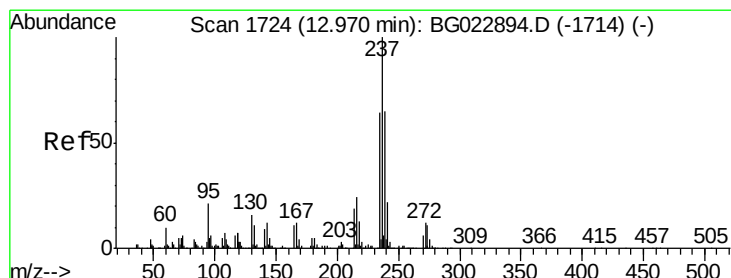
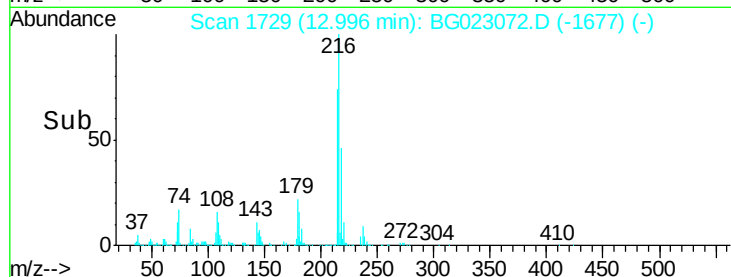
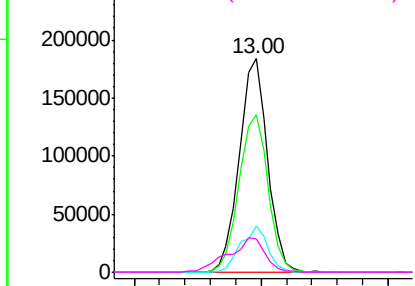
#39  
1,2,4,5-Tetrachlorobenzene  
Concen: 17.94 ng  
RT: 13.00 min Scan# 1729  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

Instrument :  
BNA\_G  
ClientSampleId :  
PB92013BS

| Tot Ion:216 | Resp: | 283421      |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 216         | 100   |             |
| 214         | 76.3  | 62.9 94.3   |
| 179         | 20.8  | 17.2 25.8   |
| 108         | 21.1  | 16.3 24.5   |

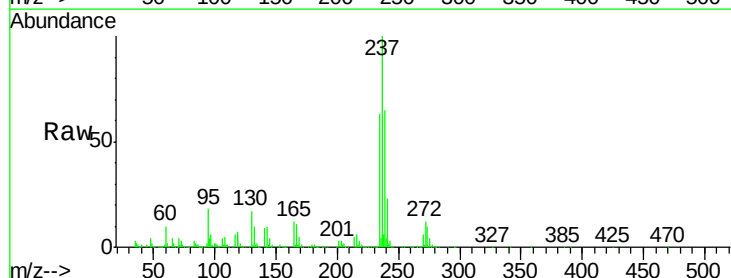


Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 179.00 (178.70 to 179.70): E  
Ion 108.00 (107.70 to 108.70): E

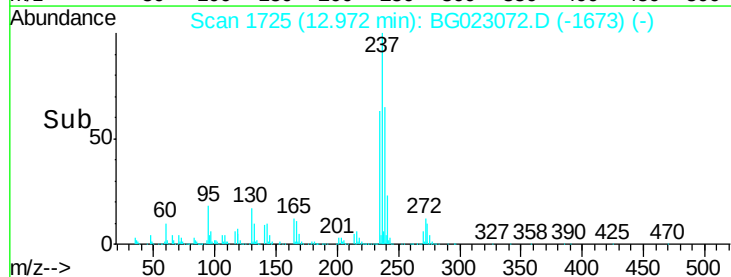
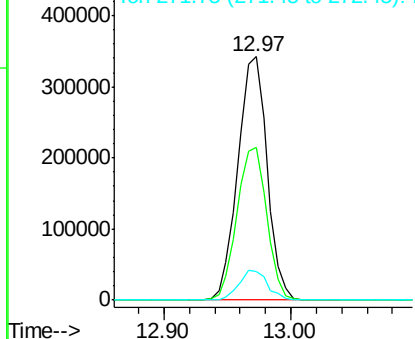


#40  
Hexachlorocyclopentadiene  
Concen: 60.16 ng  
RT: 12.97 min Scan# 1725  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

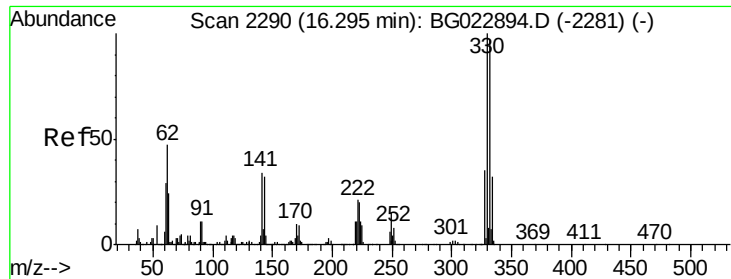
| Tgt Ion:237 | Resp: | 547076      |
|-------------|-------|-------------|
| Ion         | Ratio | Lower Upper |
| 237         | 100   |             |
| 235         | 62.9  | 43.1 83.1   |
| 272         | 11.9  | 0.0 30.9    |



Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E



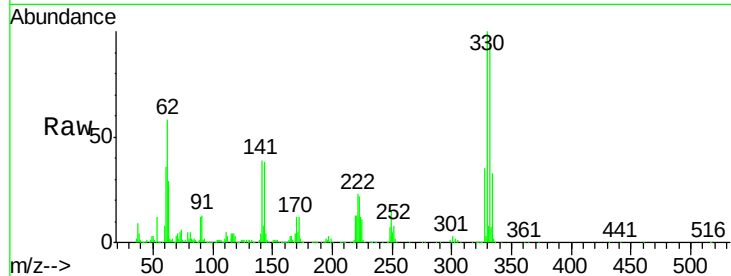




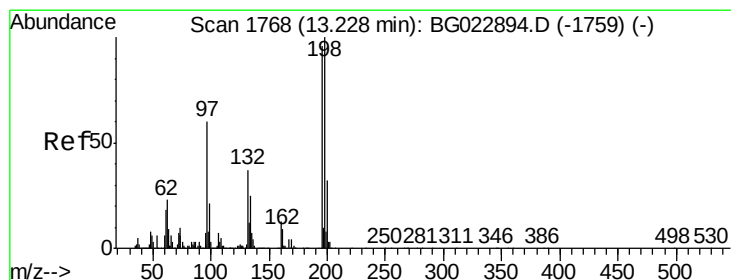
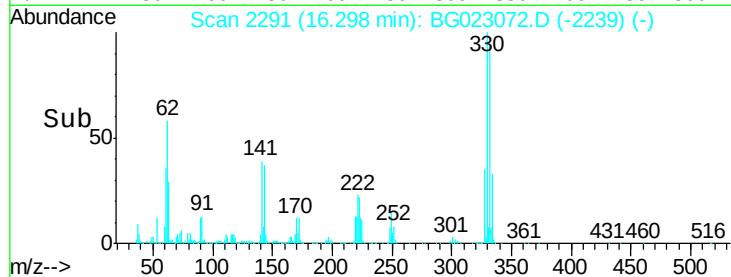
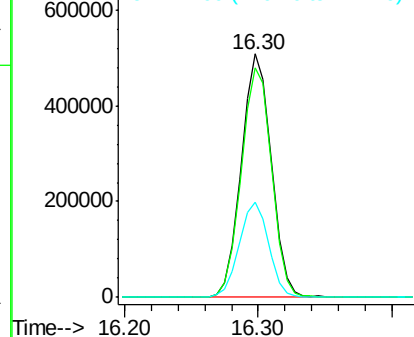
#41  
 2,4,6-Tribromophenol  
 Concen: 119.33 ng  
 RT: 16.30 min Scan# 2291  
 Delta R.T. 0.00 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92013BS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.7  | 77.4  | 116.2 |
| 141     | 38.7  | 31.7  | 47.5  |

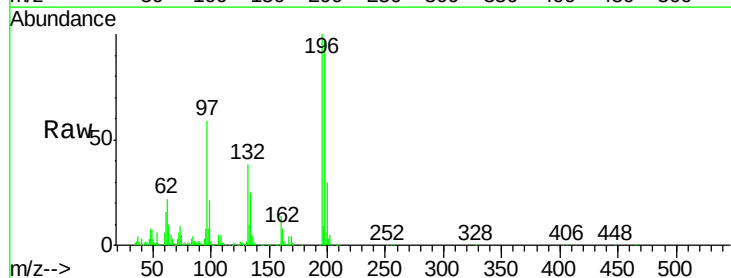


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

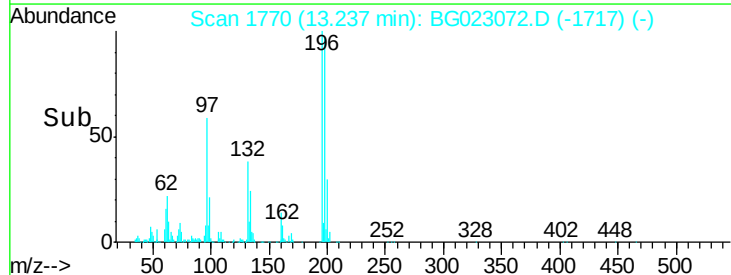
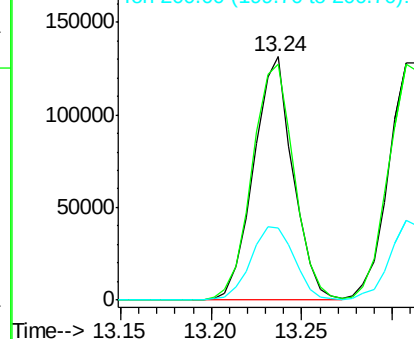


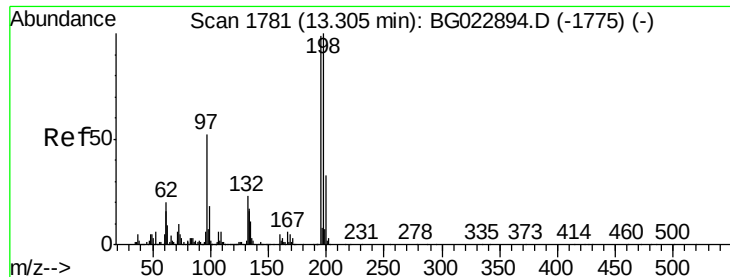
#42  
 2,4,6-Trichlorophenol  
 Concen: 21.77 ng  
 RT: 13.24 min Scan# 1770  
 Delta R.T. 0.01 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 97.0  | 78.2  | 117.2 |
| 200     | 29.9  | 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

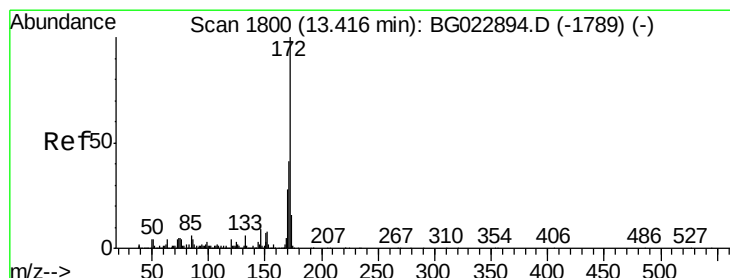
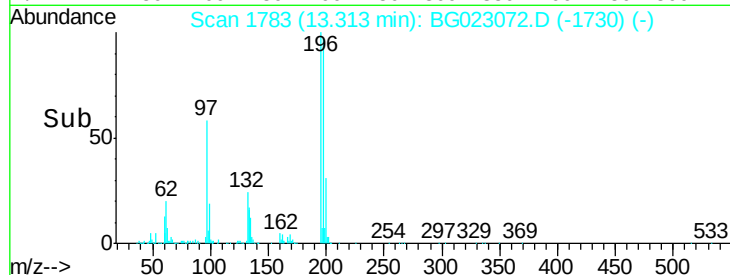
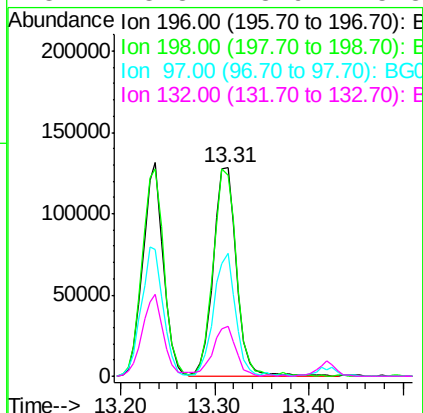
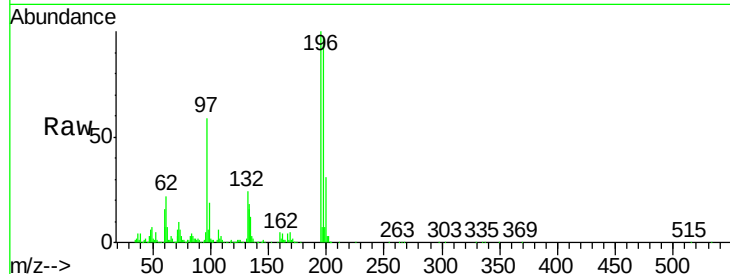




#43  
2,4,5-Trichlorophenol  
Concen: 23.84 ng  
RT: 13.31 min Scan# 1783  
Delta R.T. 0.01 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

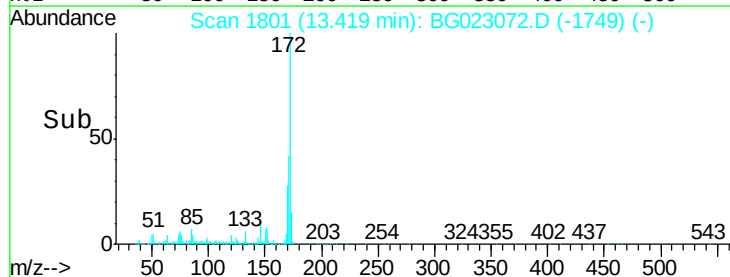
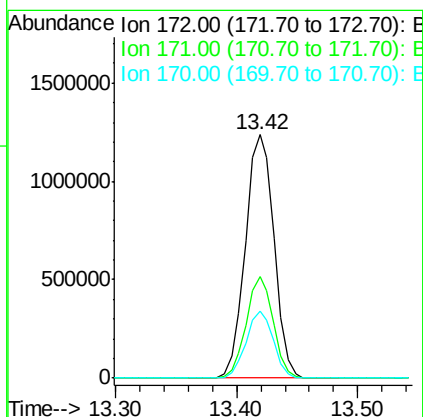
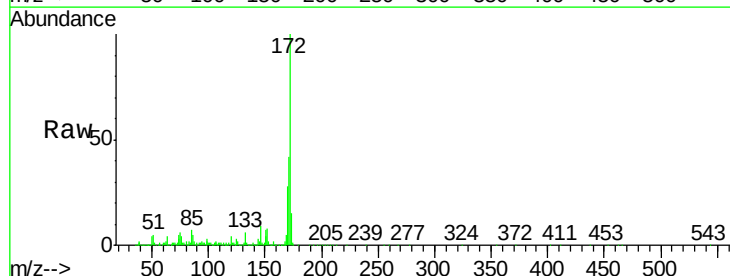
Instrument :  
BNA\_G  
ClientSampleId :  
PB92013BS

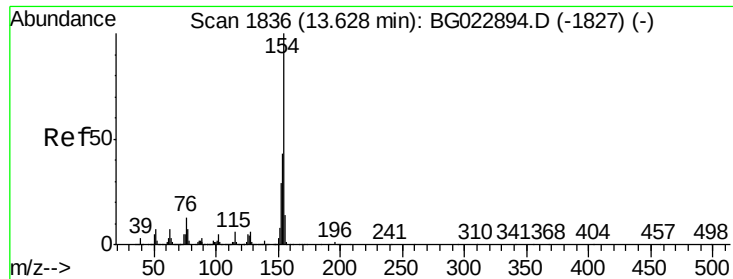
Tot Ion:196 Resp: 222262  
Ion Ratio Lower Upper  
196 100  
198 96.6 85.7 128.5  
97 58.8 45.5 68.3  
132 23.8 18.9 28.3



#44  
2-Fluorobiphenyl  
Concen: 87.62 ng  
RT: 13.42 min Scan# 1801  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

Tgt Ion:172 Resp: 2039224  
Ion Ratio Lower Upper  
172 100  
171 41.7 31.6 47.4  
170 27.7 21.3 31.9

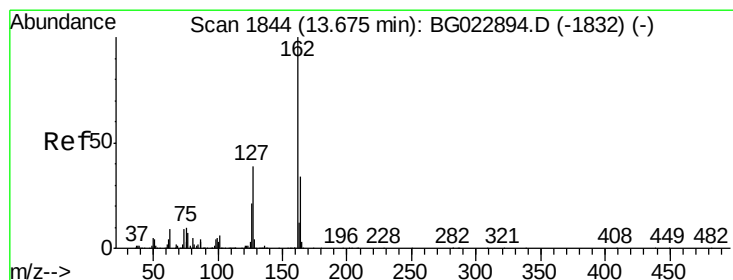
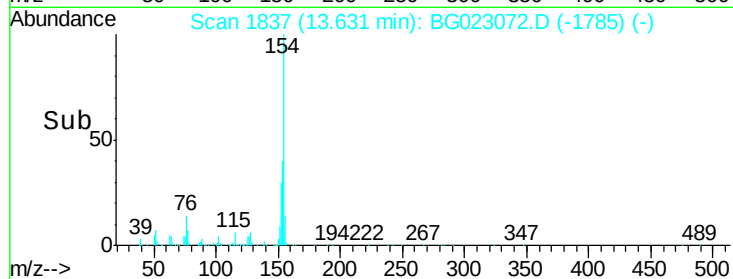
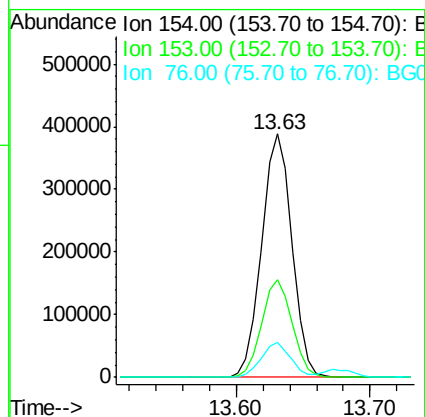
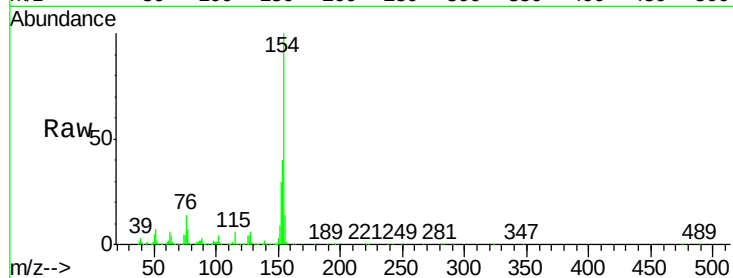




#45  
 1,1'-Biphenyl  
 Concen: 22.10 ng  
 RT: 13.63 min Scan# 1837  
 Delta R.T. 0.00 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

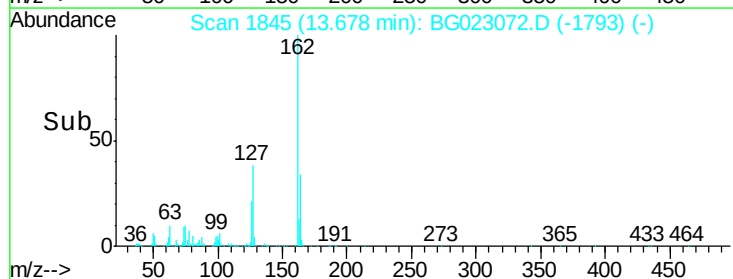
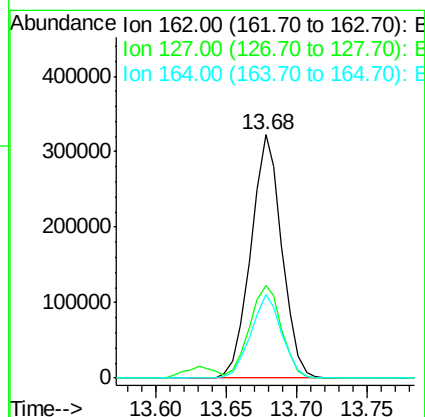
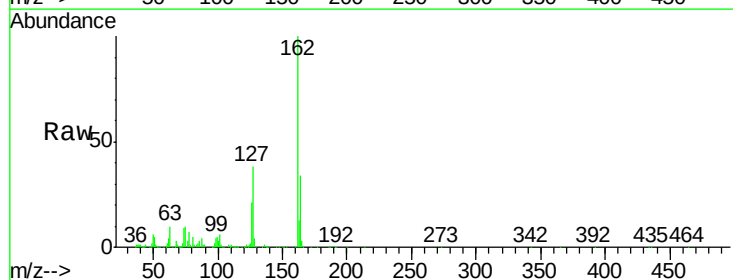
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92013BS

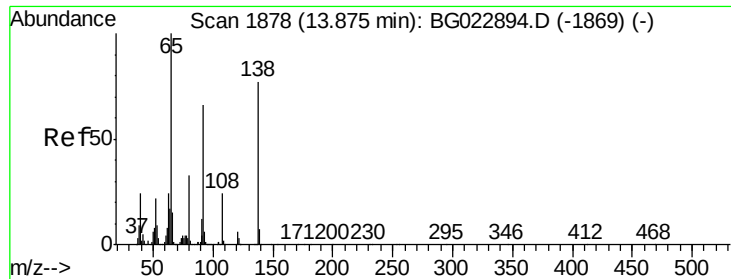
Tot Ion:154 Resp: 607978  
 Ion Ratio Lower Upper  
 154 100  
 153 40.0 20.2 60.2  
 76 14.3 0.0 32.9



#46  
 2-Chloronaphthalene  
 Concen: 22.23 ng  
 RT: 13.68 min Scan# 1845  
 Delta R.T. 0.00 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

Tgt Ion:162 Resp: 495905  
 Ion Ratio Lower Upper  
 162 100  
 127 37.8 32.4 48.6  
 164 34.2 25.2 37.8





#47

2-Nitroaniline

Concen: 22.41 ng

RT: 13.88 min Scan# 1879

Delta R.T. 0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

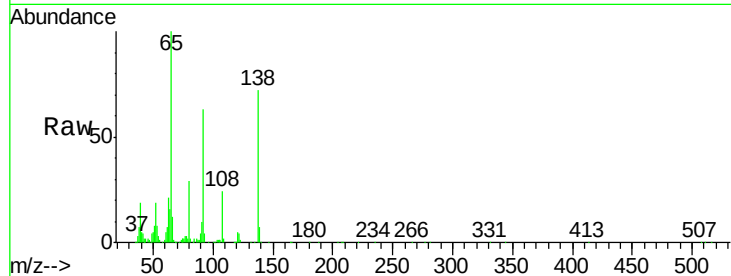
Tot Ion: 65 Resp: 213379

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 92  | 62.7  | 49.4  | 74.0  |
| 138 | 71.9  | 58.0  | 87.0  |

65 100

92 62.7 49.4 74.0

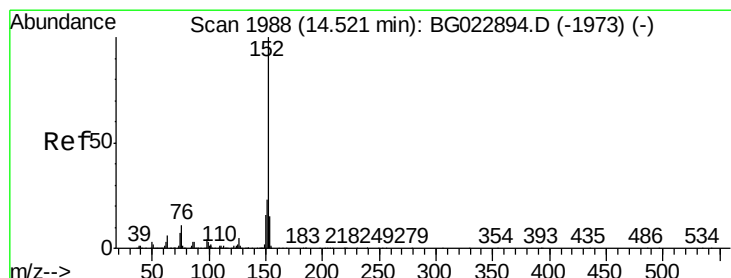
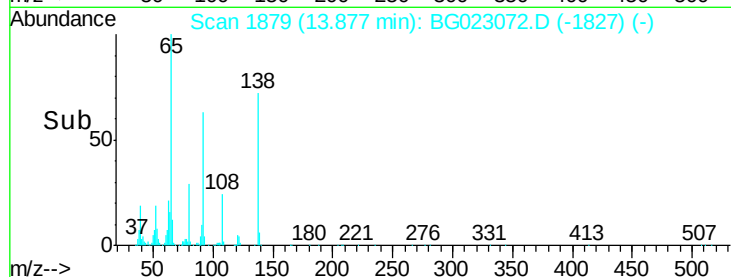
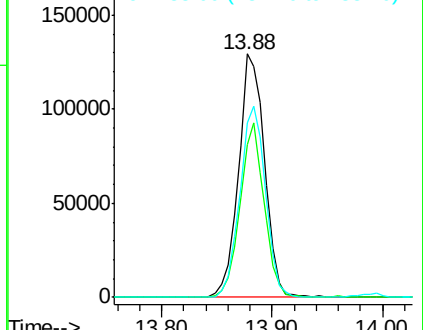
138 71.9 58.0 87.0



Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): BGC



#48

Acenaphthylene

Concen: 22.85 ng

RT: 14.52 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

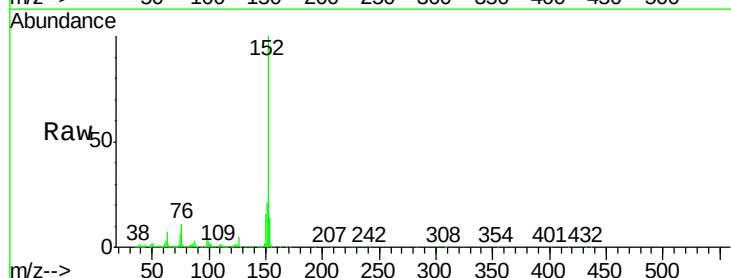
Tgt Ion: 152 Resp: 764775

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 21.1  | 17.6  | 26.4  |
| 153 | 14.4  | 11.4  | 17.2  |

152 100

151 21.1 17.6 26.4

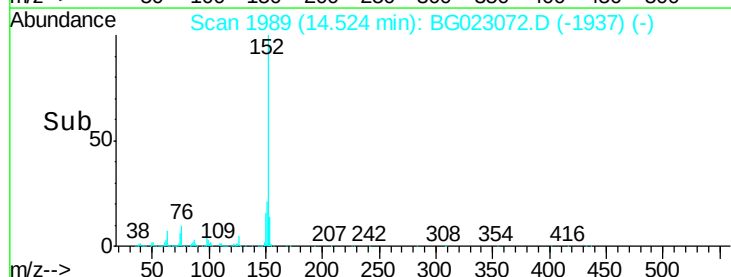
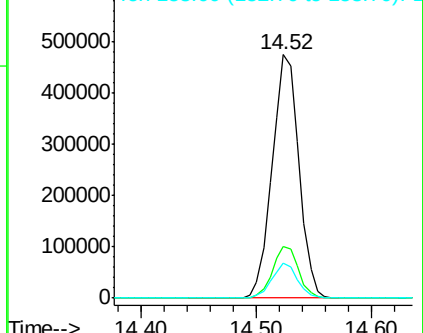
153 14.4 11.4 17.2

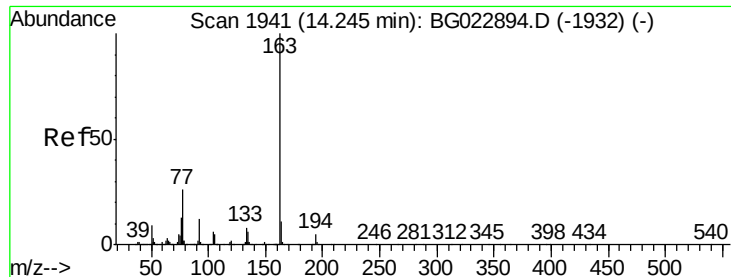


Abundance Ion 152.00 (151.70 to 152.70): BGC

Ion 151.00 (150.70 to 151.70): BGC

Ion 153.00 (152.70 to 153.70): BGC

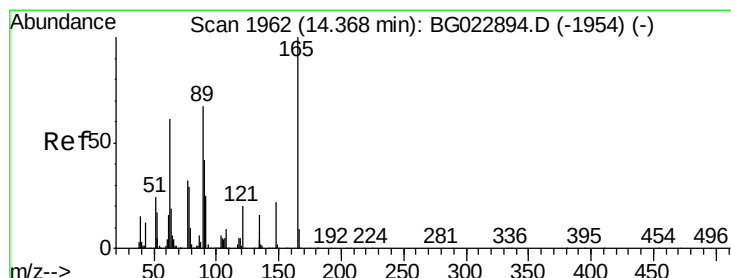
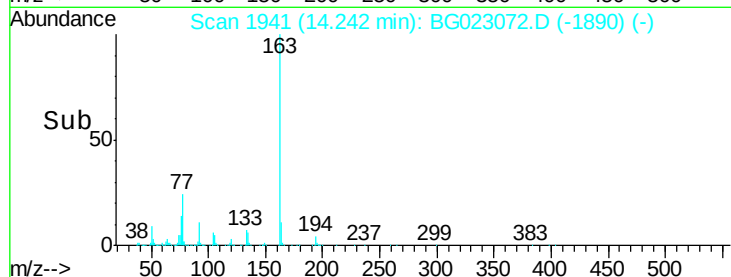
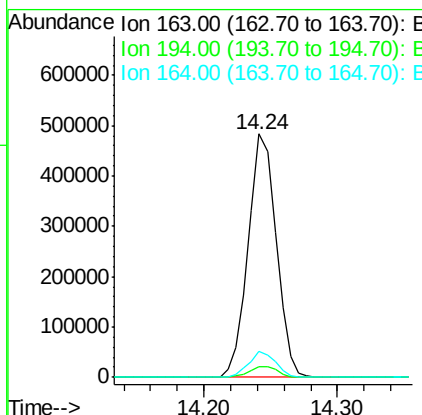
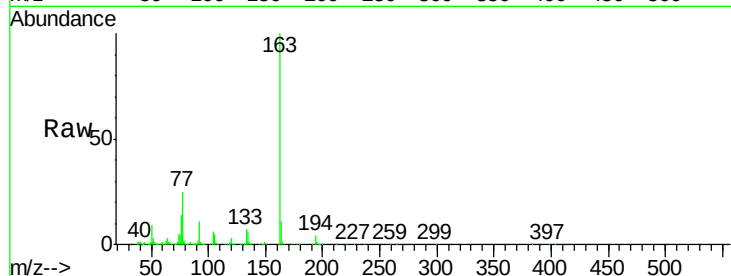




#49  
Dimethylphthalate  
Concen: 23.41 ng  
RT: 14.24 min Scan# 1941  
Delta R.T. -0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

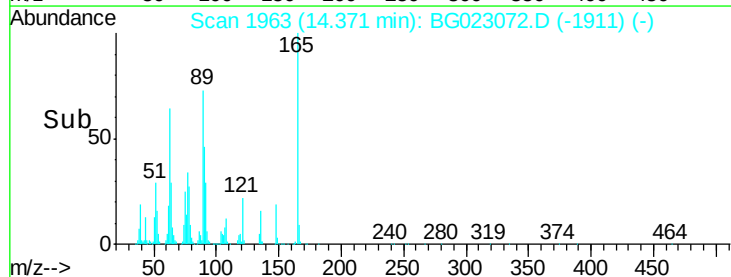
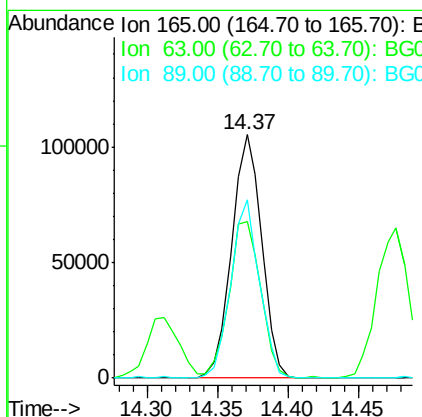
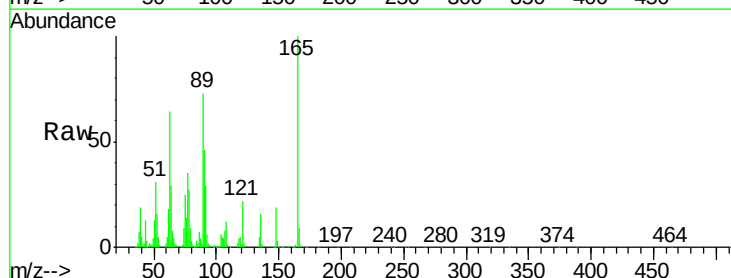
Instrument :  
BNA\_G  
ClientSampleId :  
PB92013BS

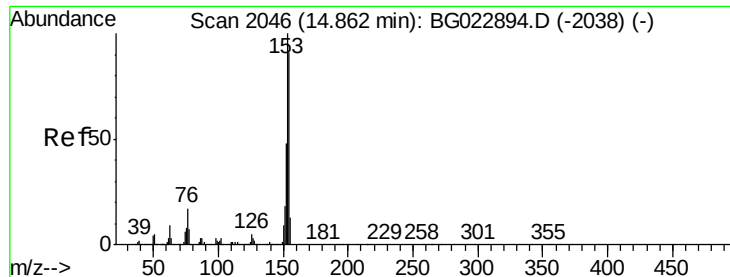
Tot Ion:163 Resp: 701159  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.6 5.4  
164 10.8 8.1 12.1



#50  
2,6-Dinitrotoluene  
Concen: 23.13 ng  
RT: 14.37 min Scan# 1963  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

Tgt Ion:165 Resp: 155634  
Ion Ratio Lower Upper  
165 100  
63 64.3 64.3 96.5#  
89 73.4 64.3 96.5





#51

Acenaphthene

Concen: 23.23 ng

RT: 14.86 min Scan# 2047

Delta R.T. 0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

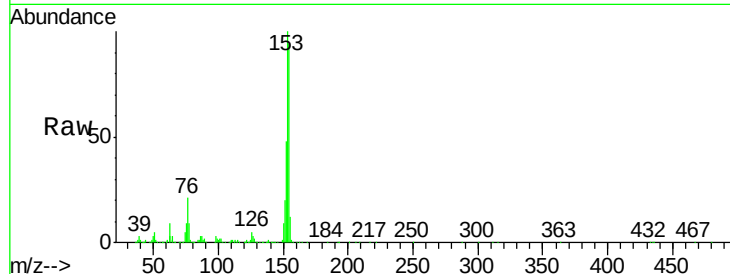
Tot Ion:154 Resp: 508091

Ion Ratio Lower Upper

154 100

153 106.5 87.5 131.3

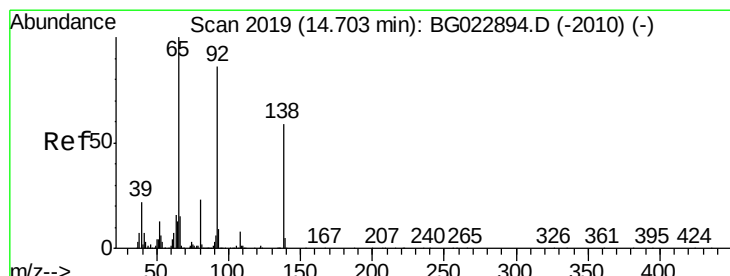
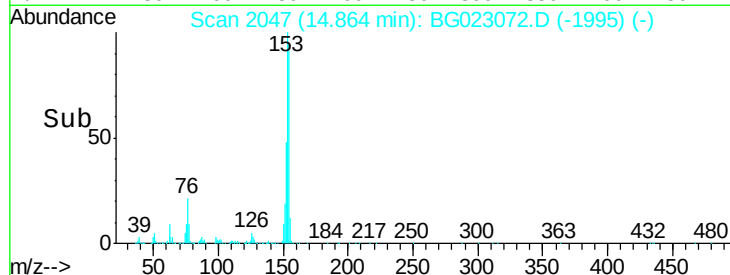
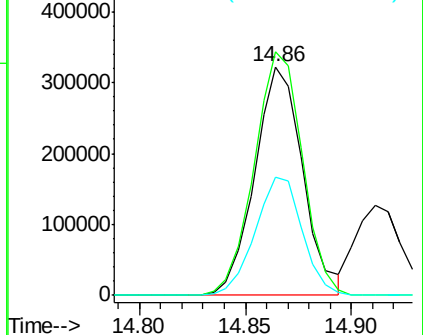
152 51.6 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.68 ng

RT: 14.71 min Scan# 2020

Delta R.T. 0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

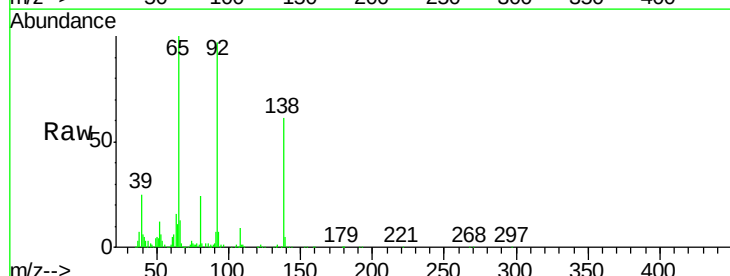
Tgt Ion:138 Resp: 91798

Ion Ratio Lower Upper

138 100

108 14.6 11.7 17.5

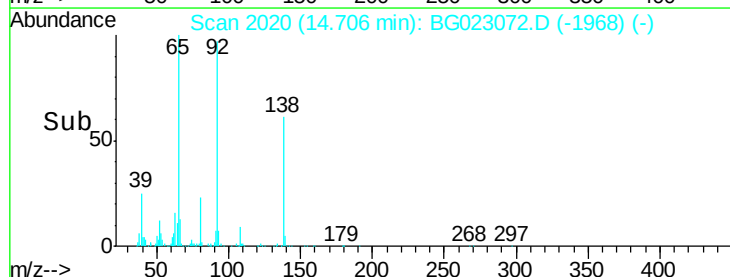
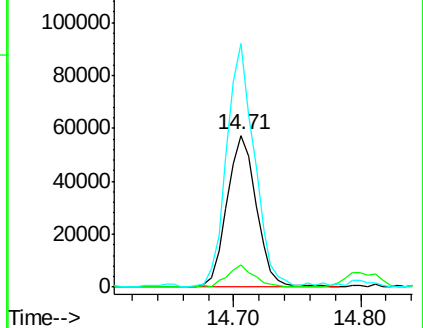
92 160.7 129.7 194.5

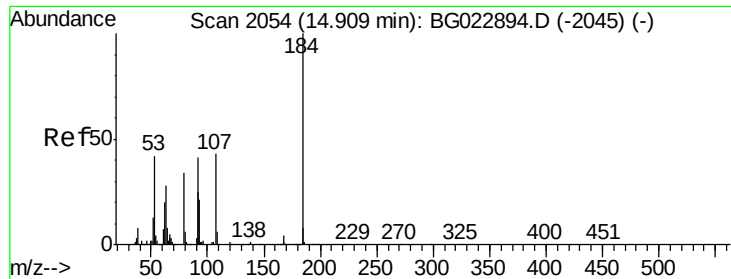


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

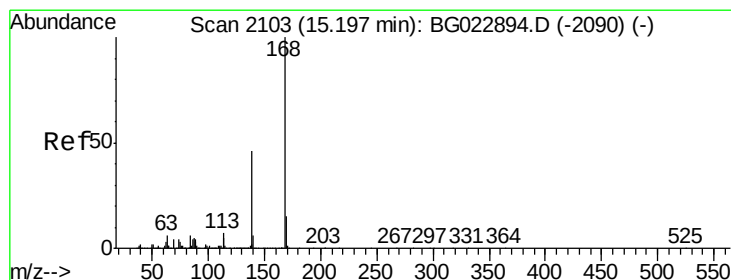
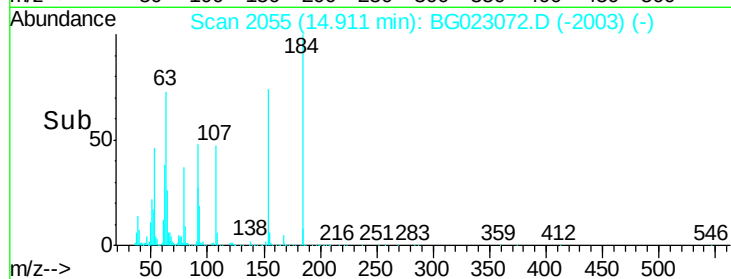
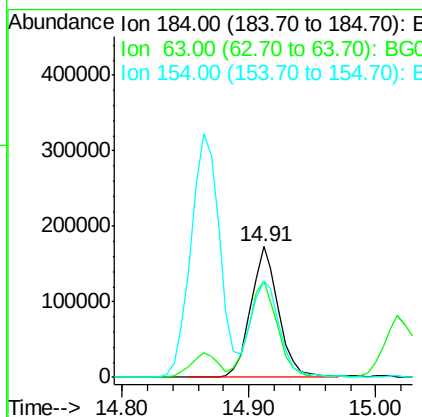
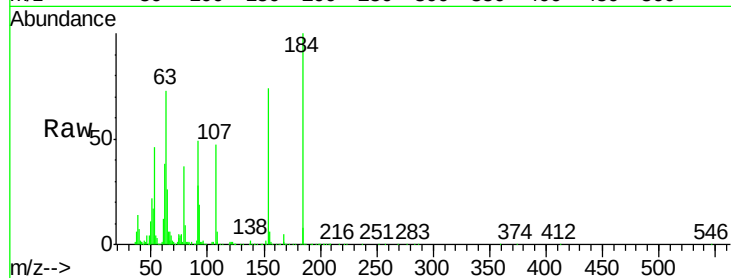




#53  
2,4-Dinitrophenol  
Concen: 57.27 ng  
RT: 14.91 min Scan# 2055  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

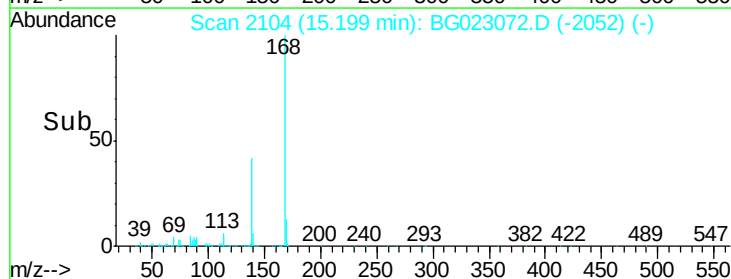
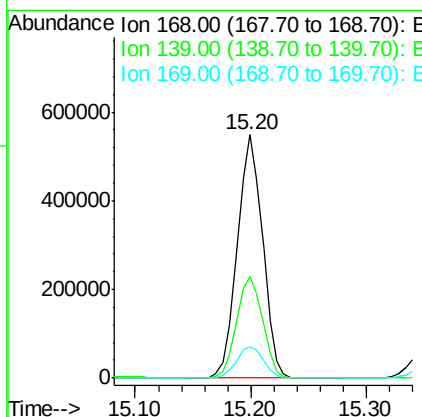
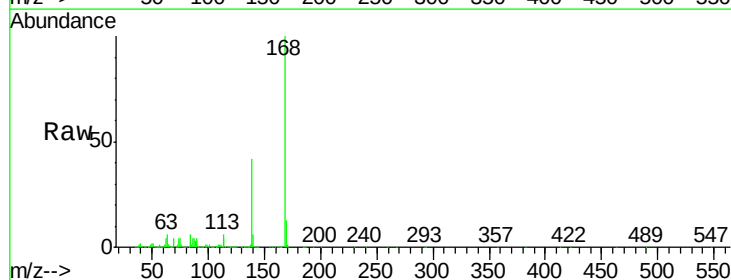
Instrument :  
BNA\_G  
ClientSampleId :  
PB92013BS

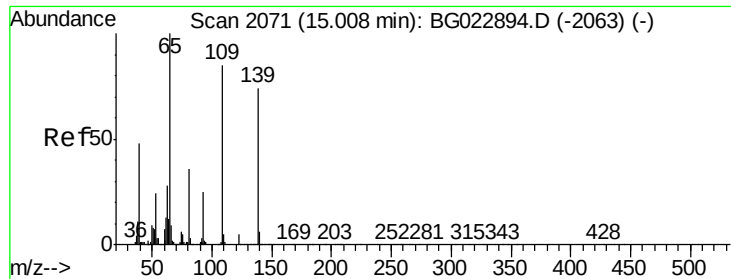
Tot Ion:184 Resp: 264483  
Ion Ratio Lower Upper  
184 100  
63 73.3 59.6 89.4  
154 73.8 67.4 101.0



#54  
Dibenzofuran  
Concen: 25.37 ng  
RT: 15.20 min Scan# 2104  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

Tgt Ion:168 Resp: 830589  
Ion Ratio Lower Upper  
168 100  
139 41.7 36.4 54.6  
169 12.9 11.9 17.9

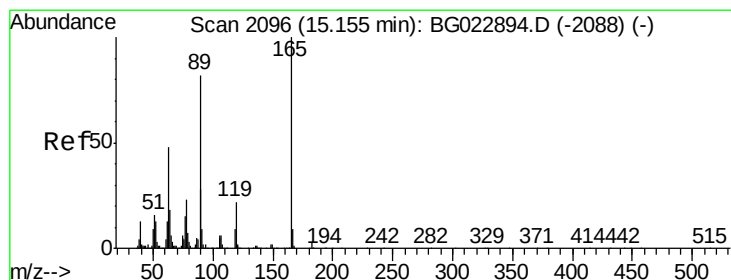
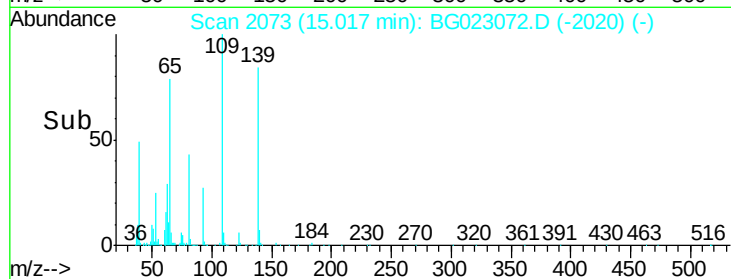
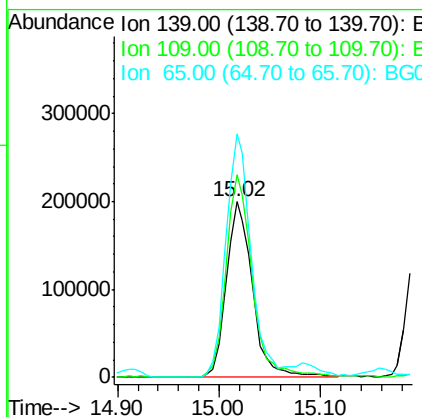
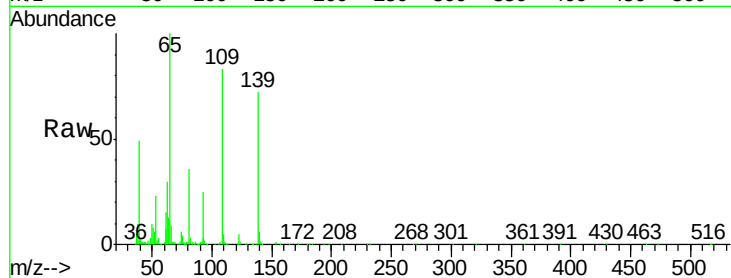




#55  
4-Nitrophenol  
Concen: 63.49 ng  
RT: 15.02 min Scan# 2073  
Delta R.T. 0.01 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

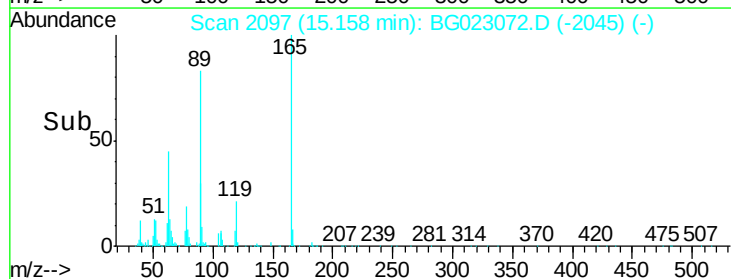
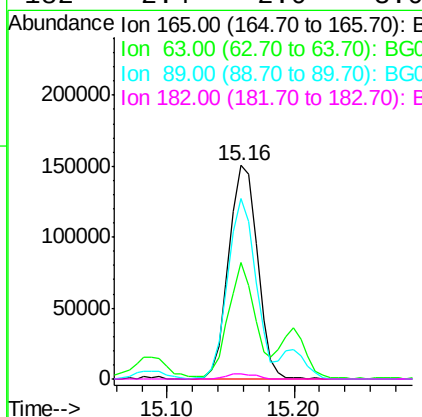
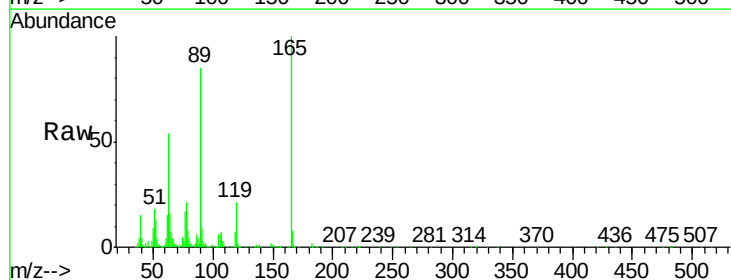
Instrument :  
BNA\_G  
ClientSampleId :  
PB92013BS

Tot Ion:139 Resp: 357140  
Ion Ratio Lower Upper  
139 100  
109 115.8 103.0 143.0  
65 139.0 112.7 152.7

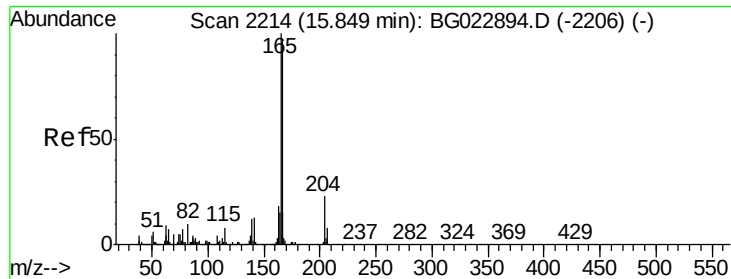


#56  
2,4-Dinitrotoluene  
Concen: 24.11 ng  
RT: 15.16 min Scan# 2097  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

Tgt Ion:165 Resp: 236577  
Ion Ratio Lower Upper  
165 100  
63 54.3 45.8 68.6  
89 84.6 68.6 102.8  
182 2.4 2.0 3.0



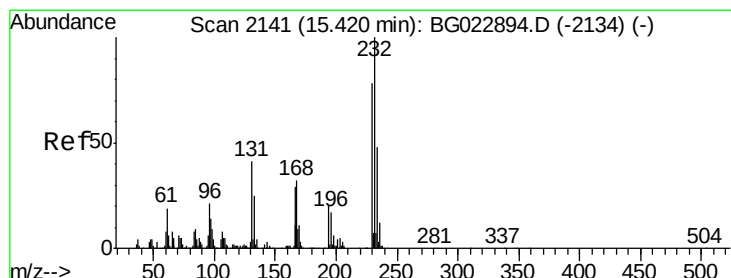
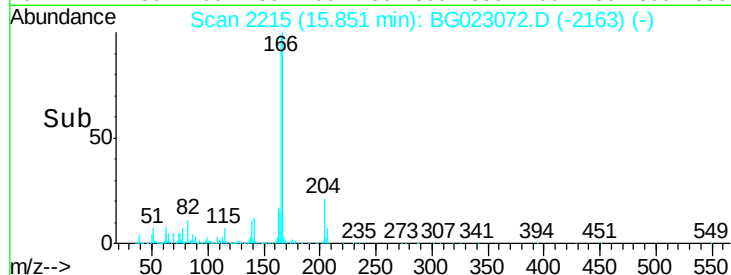
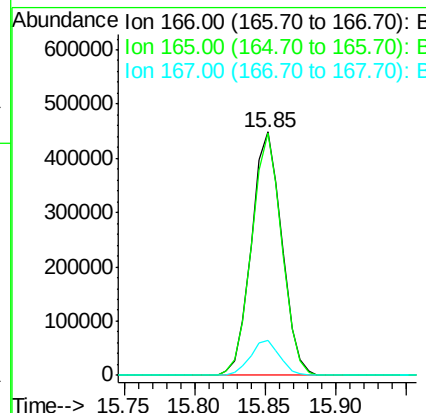
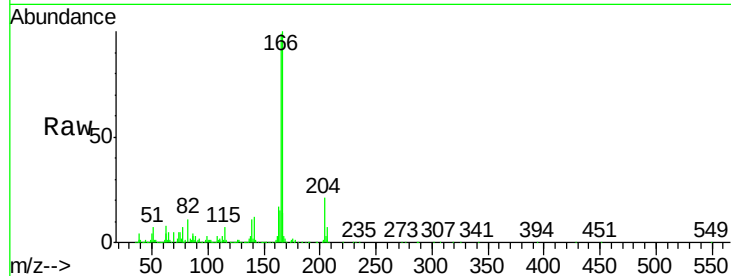




#57  
**Fluorene**  
 Concen: 24.05 ng  
 RT: 15.85 min Scan# 2215  
 Delta R.T. 0.00 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

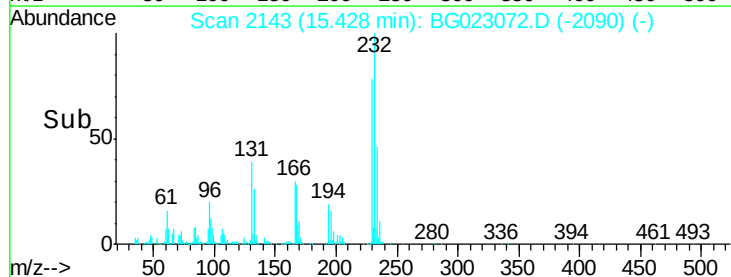
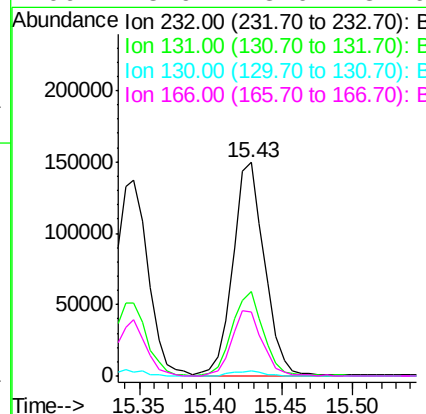
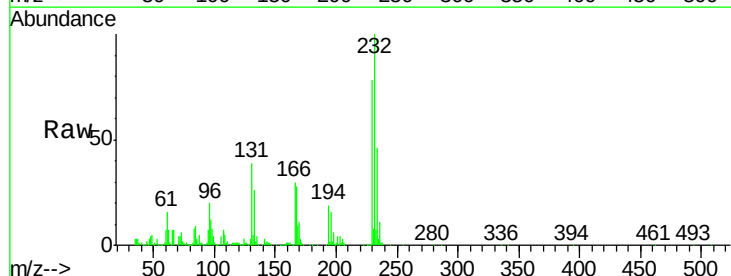
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92013BS

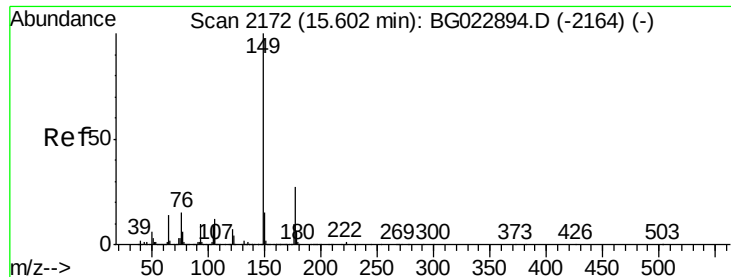
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 99.4  | 81.0  | 121.6 |
| 167     | 14.1  | 12.0  | 18.0  |



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 25.13 ng m  
 RT: 15.43 min Scan# 2143  
 Delta R.T. 0.01 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 34.9  | 32.7  | 49.1  |
| 130     | 2.8   | 2.6   | 3.8   |
| 166     | 23.9  | 23.0  | 34.6  |





#59

Diethylphthalate

Concen: 24.50 ng

RT: 15.60 min Scan# 2173

Delta R.T. 0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

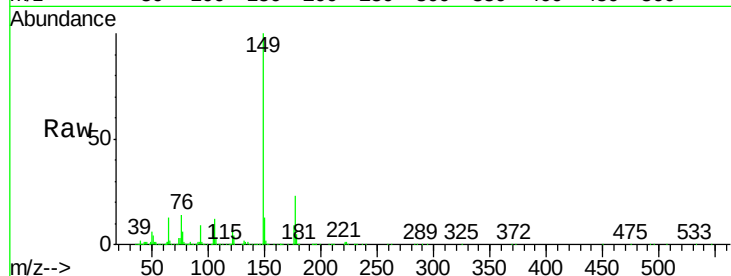
Tot Ion:149 Resp: 746342

Ion Ratio Lower Upper

149 100

177 23.3 19.2 28.8

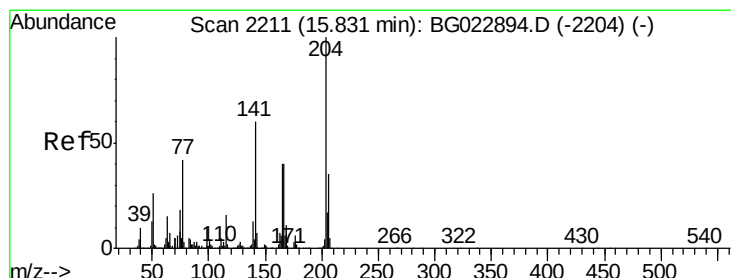
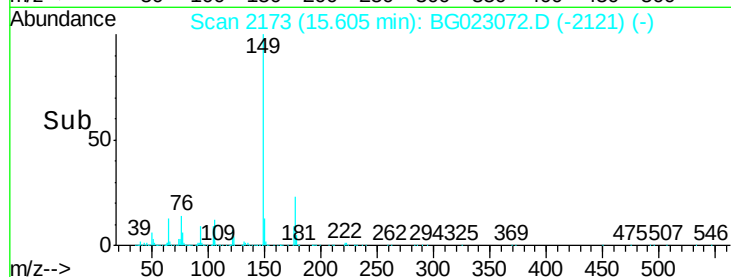
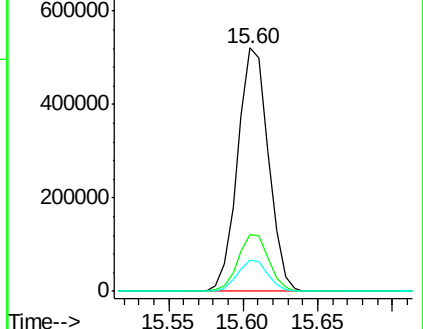
150 12.9 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 22.29 ng

RT: 15.84 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

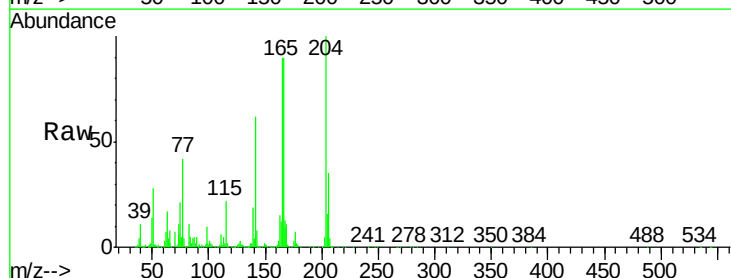
Tgt Ion:204 Resp: 382536

Ion Ratio Lower Upper

204 100

206 34.8 28.5 42.7

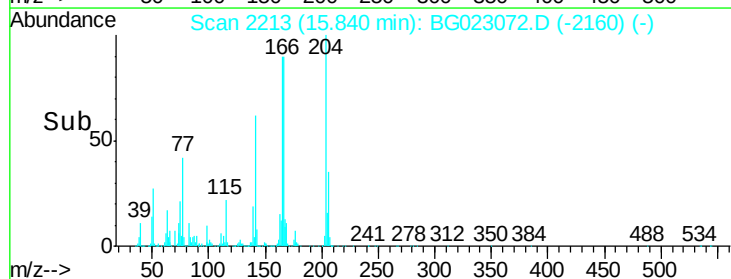
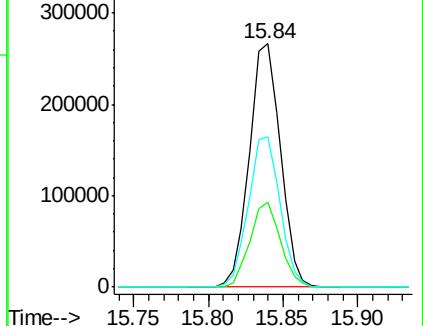
141 61.6 51.4 77.0

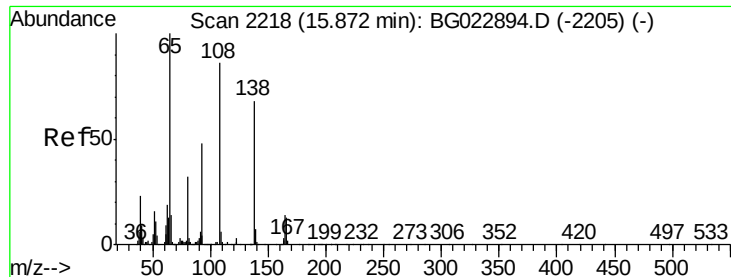


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

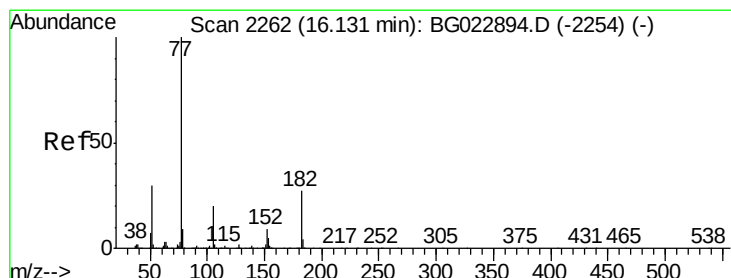
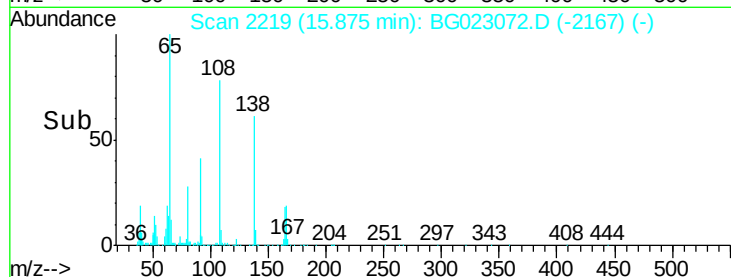
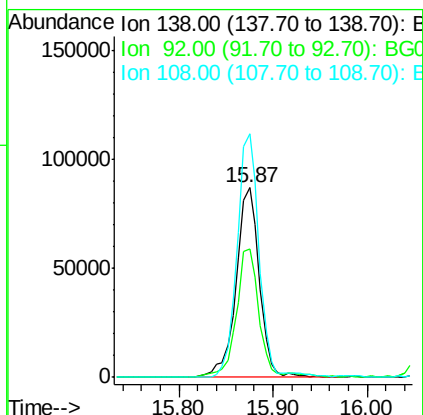
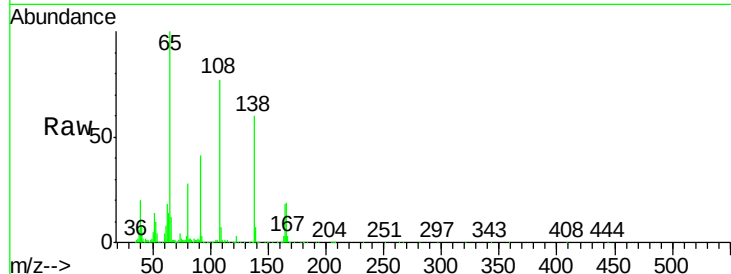




#61  
4-Nitroaniline  
Concen: 20.70 ng  
RT: 15.87 min Scan# 2219  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

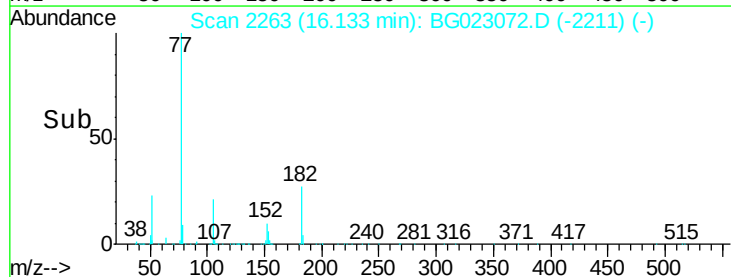
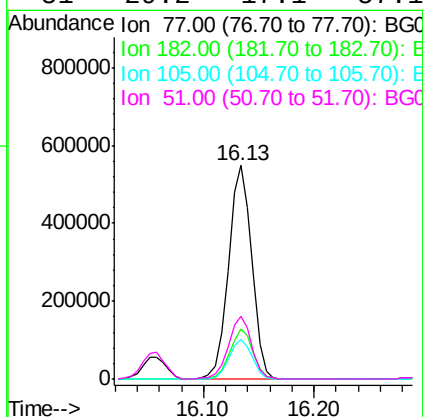
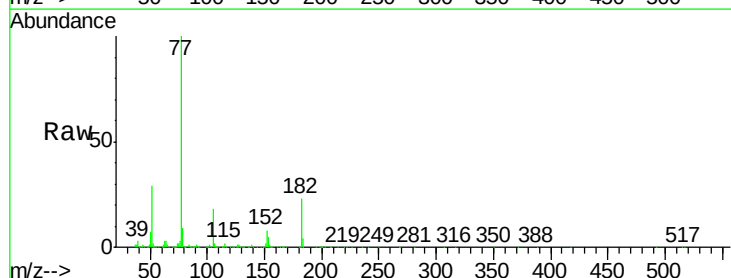
Instrument :  
BNA\_G  
ClientSampled :  
PB92013BS

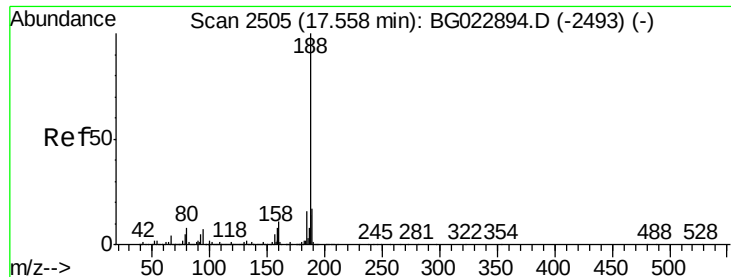
Tot Ion:138 Resp: 150296  
Ion Ratio Lower Upper  
138 100  
92 67.9 54.1 94.1  
108 128.3 133.9 173.9#



#62  
Azobenzene  
Concen: 27.58 ng  
RT: 16.13 min Scan# 2263  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

Tgt Ion: 77 Resp: 803727  
Ion Ratio Lower Upper  
77 100  
182 23.2 3.5 43.5  
105 18.3 0.0 38.5  
51 29.2 17.1 57.1

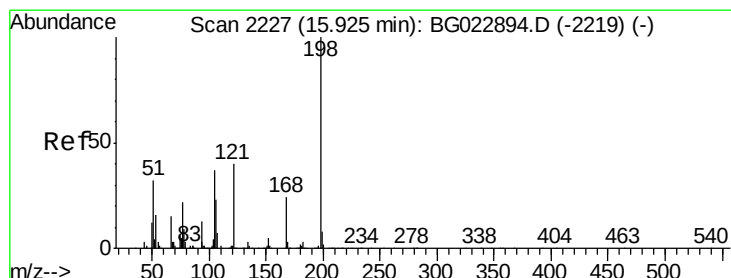
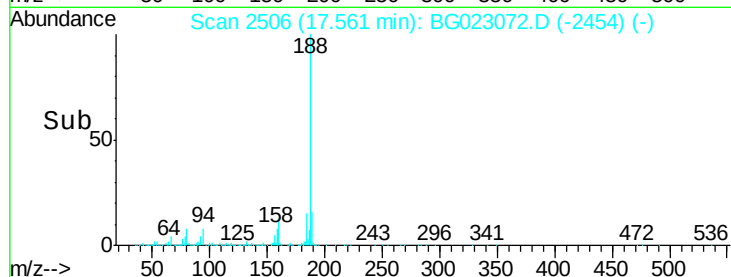
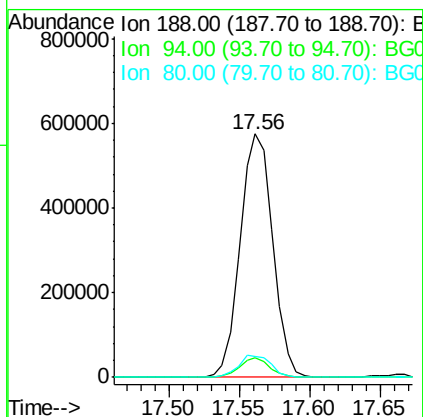
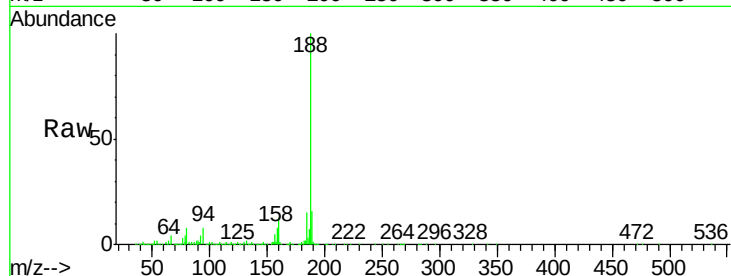




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.56 min Scan# 2506  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

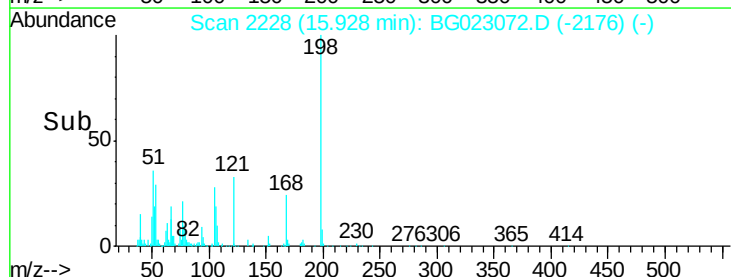
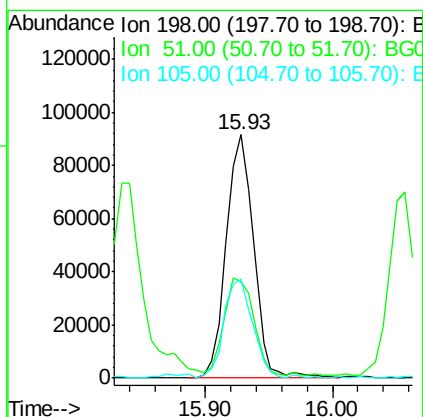
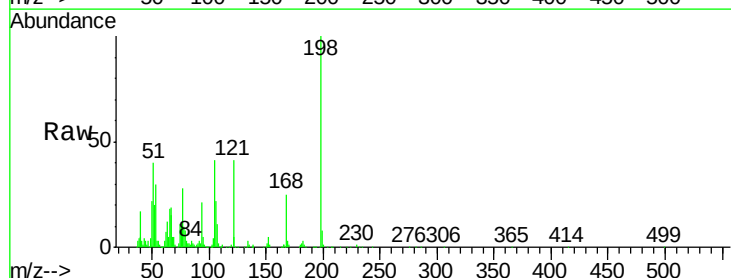
Instrument :  
BNA\_G  
ClientSampleId :  
PB92013BS

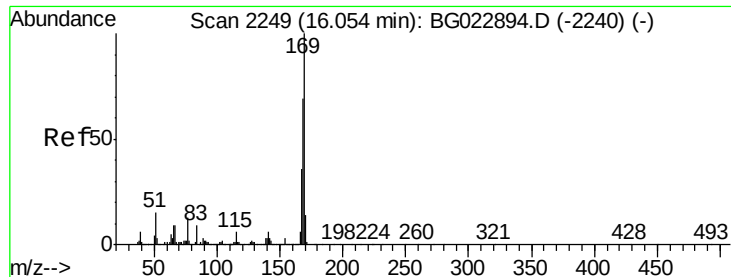
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.1   | 5.2   | 7.8#  |
| 80      | 8.5   | 7.2   | 10.8  |



#64  
4,6-Dinitro-2-methylphenol  
Concen: 19.94 ng  
RT: 15.93 min Scan# 2228  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 39.6  | 26.0  | 66.0  |
| 105     | 40.7  | 20.1  | 60.1  |





#65

n-Nitrosodiphenylamine

Concen: 23.61 ng

RT: 16.06 min Scan# 2250

Delta R.T. 0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

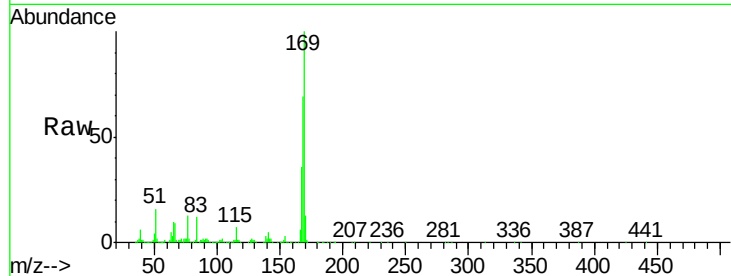
Tot Ion:169 Resp: 629430

Ion Ratio Lower Upper

169 100

168 69.2 55.0 82.4

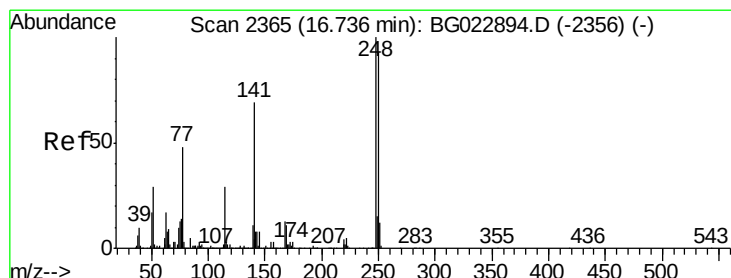
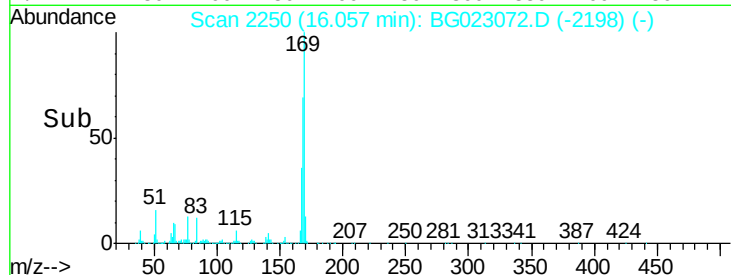
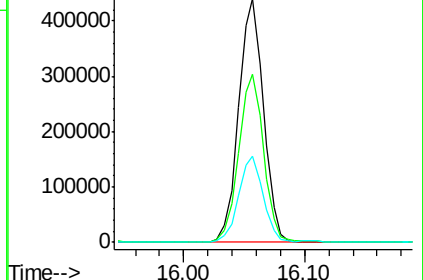
167 35.5 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 21.24 ng

RT: 16.74 min Scan# 2366

Delta R.T. 0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

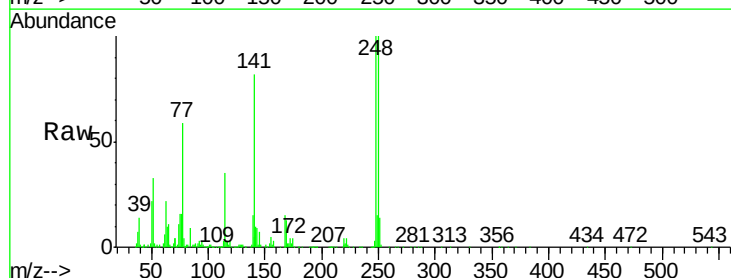
Tgt Ion:248 Resp: 255721

Ion Ratio Lower Upper

248 100

250 99.6 77.8 116.8

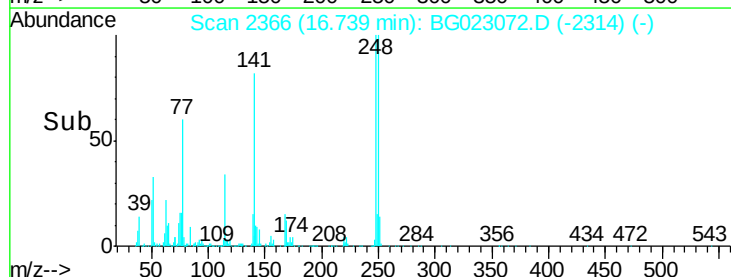
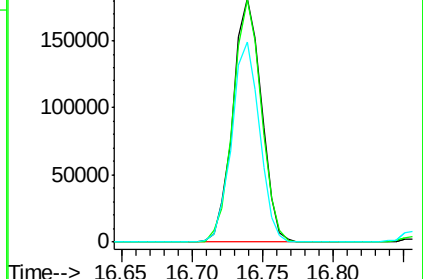
141 82.1 65.7 98.5

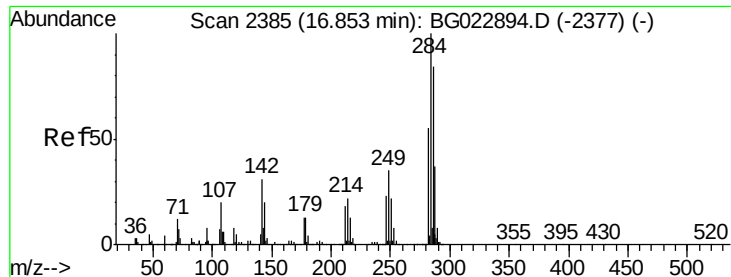


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 20.39 ng

RT: 16.86 min Scan# 2387

Delta R.T. 0.01 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

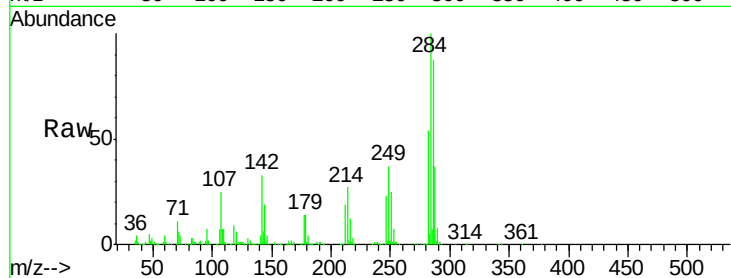
Tot Ion:284 Resp: 266880

Ion Ratio Lower Upper

284 100

142 33.1 26.8 40.2

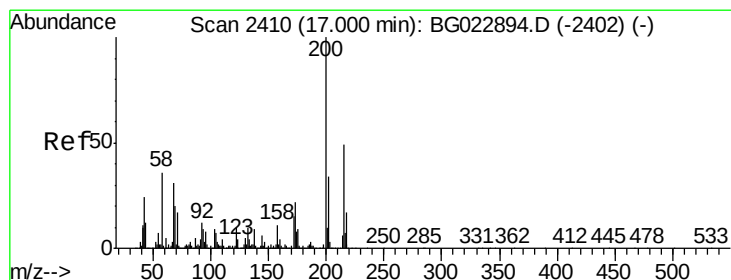
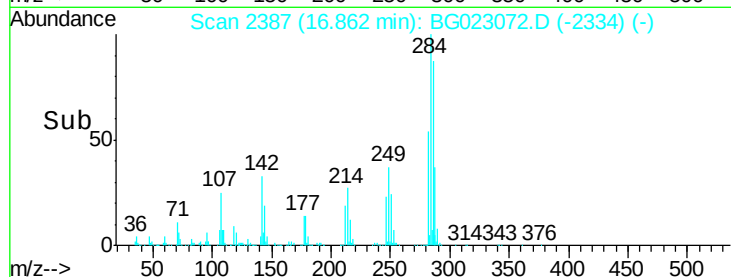
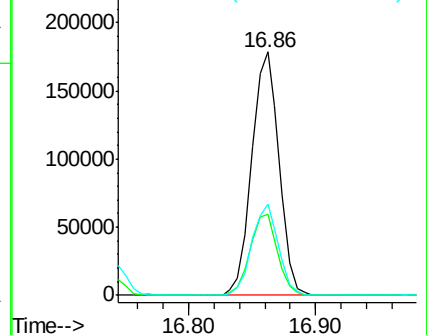
249 37.4 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 22.10 ng

RT: 17.00 min Scan# 2411

Delta R.T. 0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

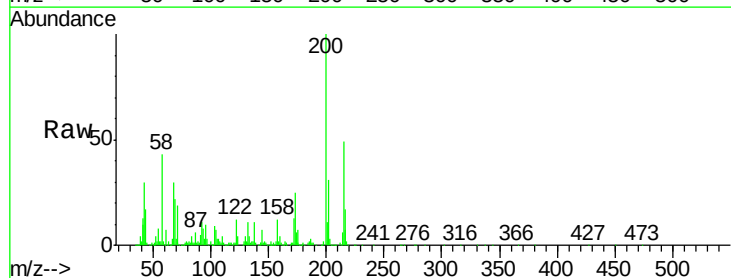
Tgt Ion:200 Resp: 261327

Ion Ratio Lower Upper

200 100

173 24.9 1.6 41.6

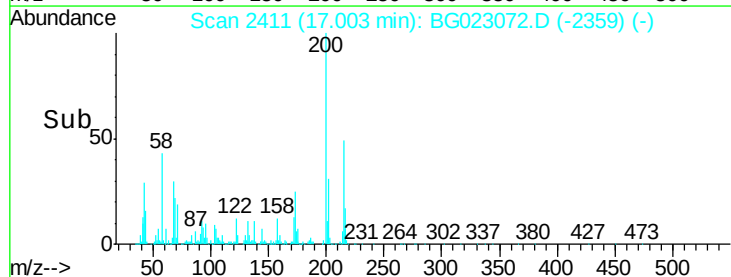
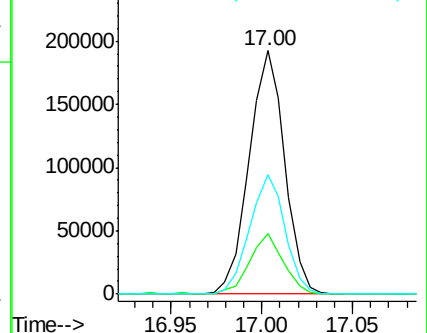
215 49.1 28.7 68.7

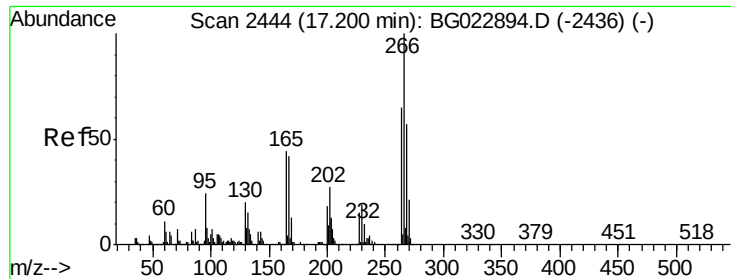


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

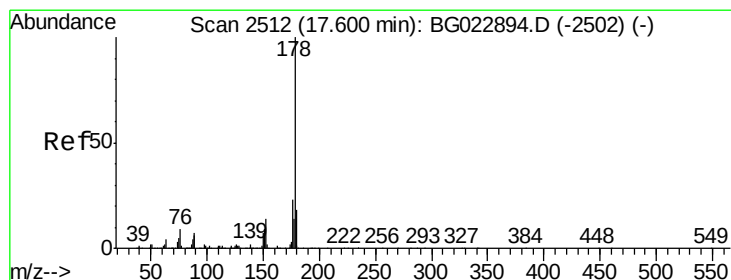
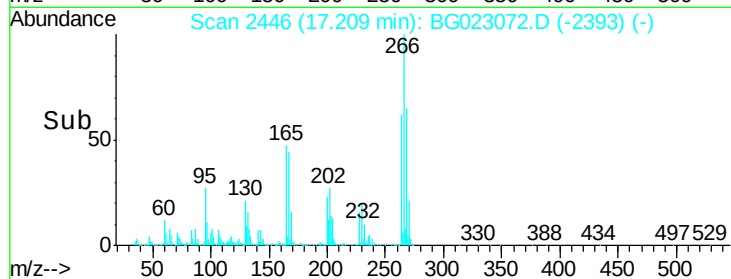
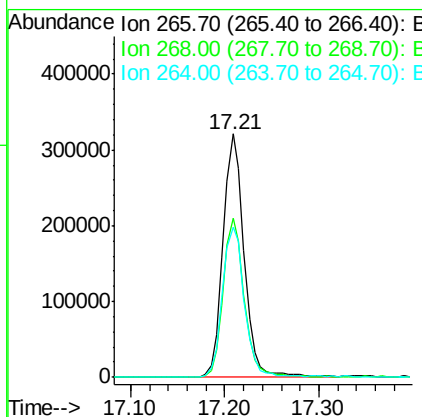
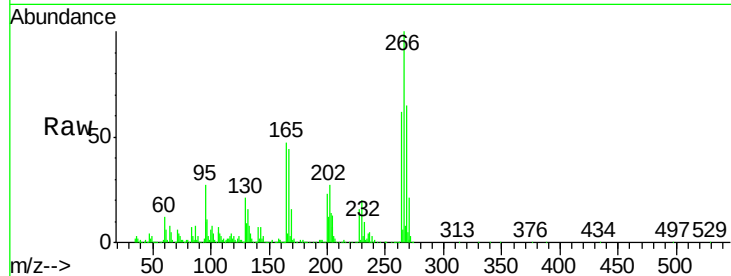




#69  
 Pentachlorophenol  
 Concen: 59.45 ng  
 RT: 17.21 min Scan# 2446  
 Delta R.T. 0.01 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

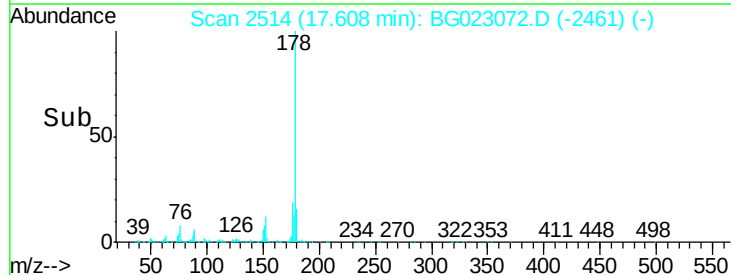
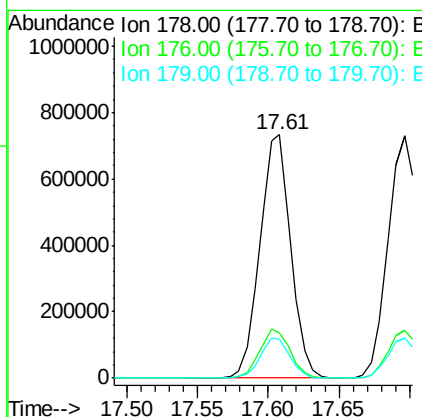
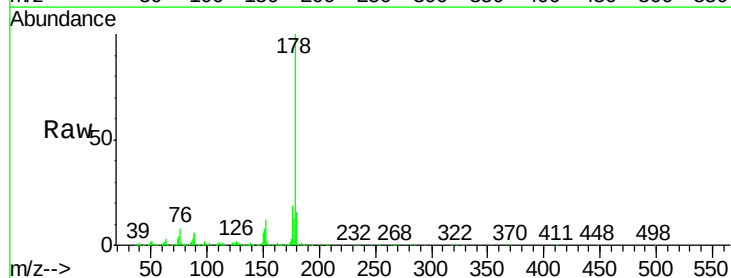
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92013BS

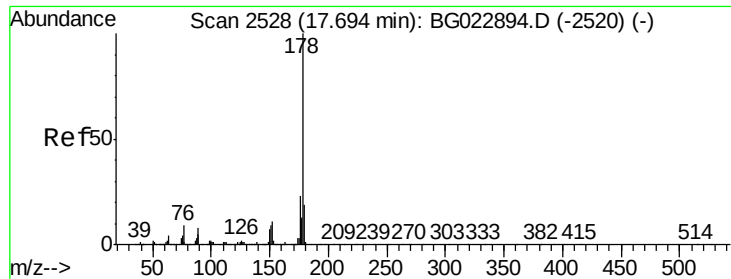
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 65.3  | 51.9  | 77.9  |
| 264     | 61.7  | 50.6  | 75.8  |



#70  
 Phenanthrene  
 Concen: 24.72 ng  
 RT: 17.61 min Scan# 2514  
 Delta R.T. 0.01 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.7  | 16.8  | 25.2  |
| 179     | 15.9  | 14.3  | 21.5  |





#71

Anthracene

Concen: 24.71 ng

RT: 17.70 min Scan# 2529

Delta R.T. 0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

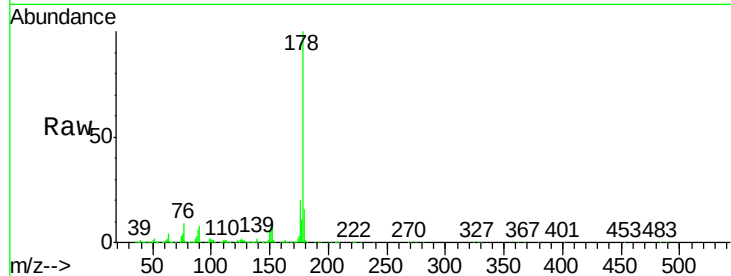
BNA\_G

ClientSampleId :

PB92013BS

Tot Ion:178 Resp: 1134536

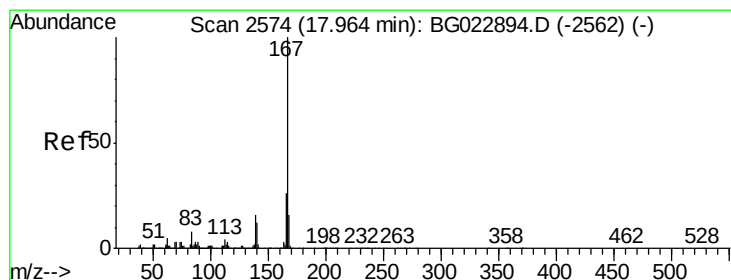
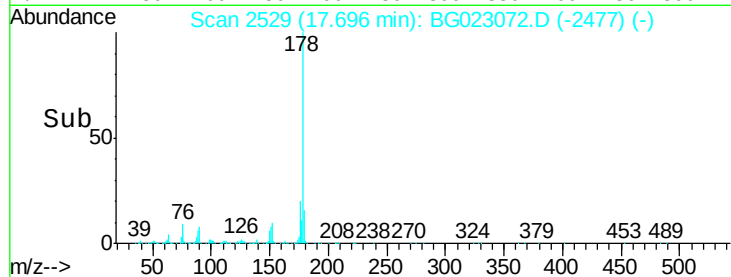
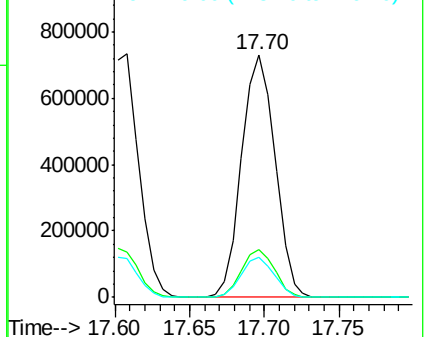
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.9  | 17.3  | 25.9  |
| 179 | 16.3  | 14.0  | 21.0  |



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: 24.72 ng

RT: 17.97 min Scan# 2575

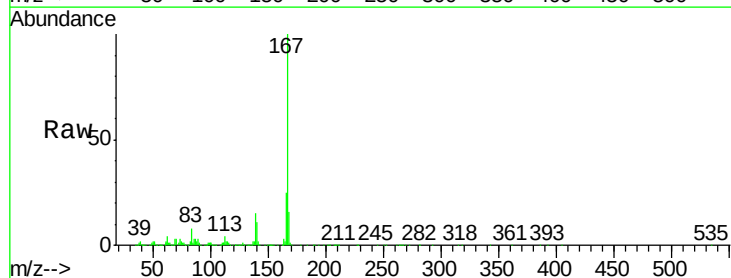
Delta R.T. 0.00 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Tgt Ion:167 Resp: 980963

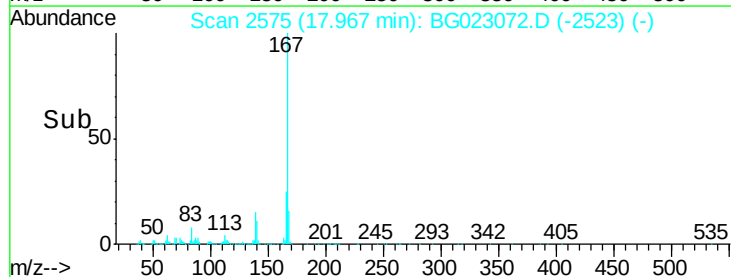
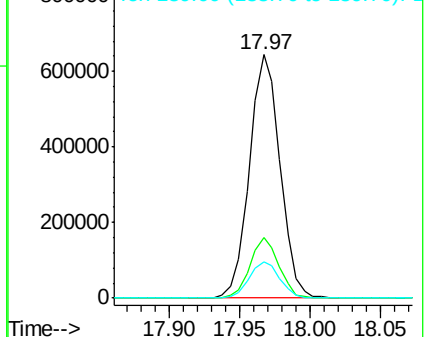
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 24.9  | 20.7  | 31.1  |
| 139 | 14.8  | 11.9  | 17.9  |



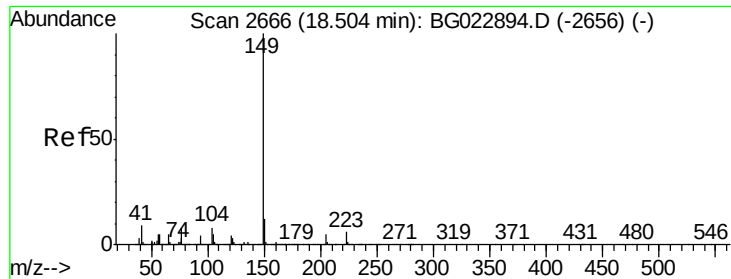
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



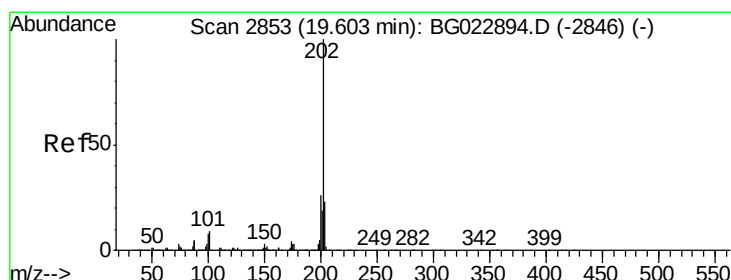
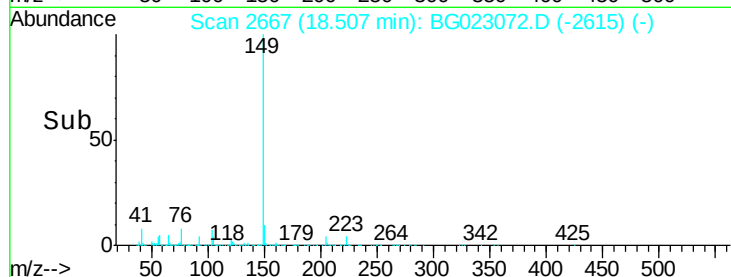
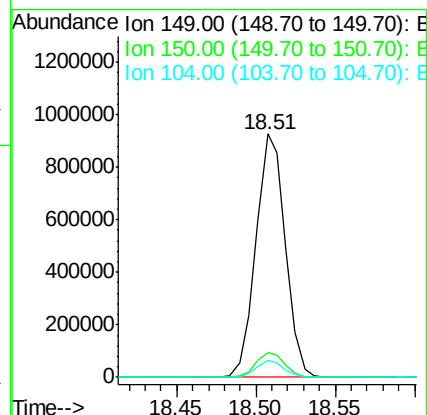
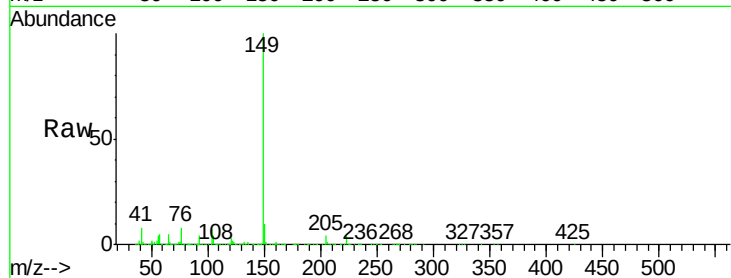




#73  
Di-n-butylphthalate  
Concen: 27.01 ng  
RT: 18.51 min Scan# 2667  
Delta R.T. 0.00 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

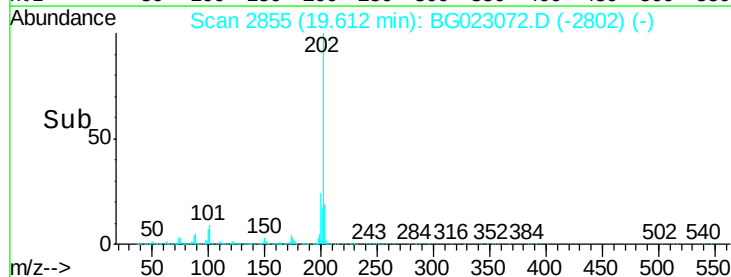
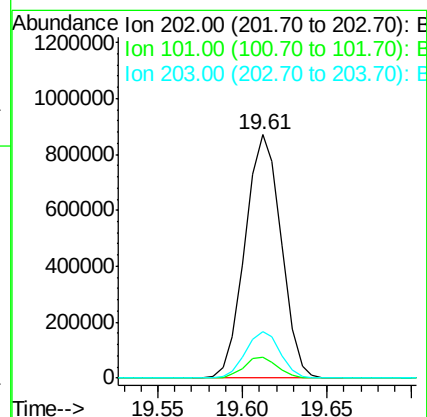
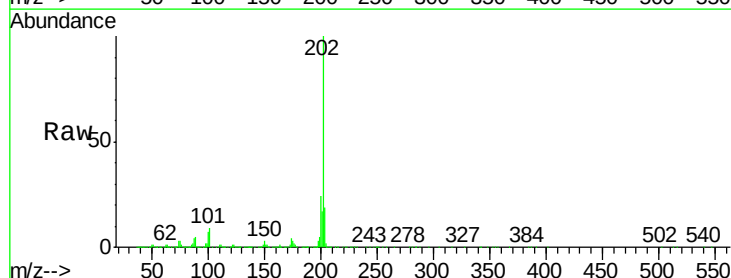
Instrument :  
BNA\_G  
ClientSampleId :  
PB92013BS

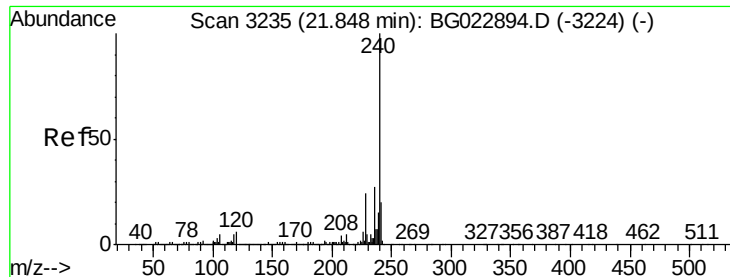
Tot Ion:149 Resp: 1191891  
Ion Ratio Lower Upper  
149 100  
150 10.4 9.1 13.7  
104 6.8 6.9 10.3#



#74  
Fluoranthene  
Concen: 23.28 ng  
RT: 19.61 min Scan# 2855  
Delta R.T. 0.01 min  
Lab File: BG023072.D  
Acq: 13 Jul 2016 16:30

Tgt Ion:202 Resp: 1295856  
Ion Ratio Lower Upper  
202 100  
101 8.6 0.0 27.4  
203 18.9 1.7 41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3239

Delta R.T. 0.02 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

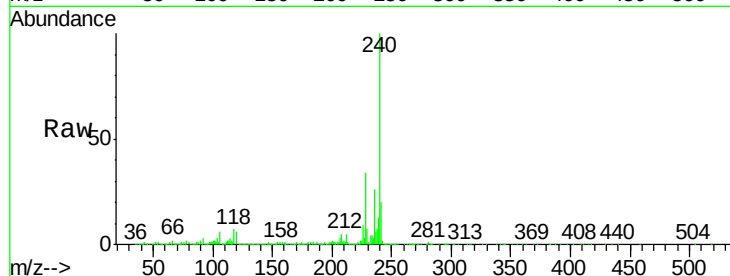
Tot Ion:240 Resp: 956479

Ion Ratio Lower Upper

240 100

120 6.2 4.1 6.1#

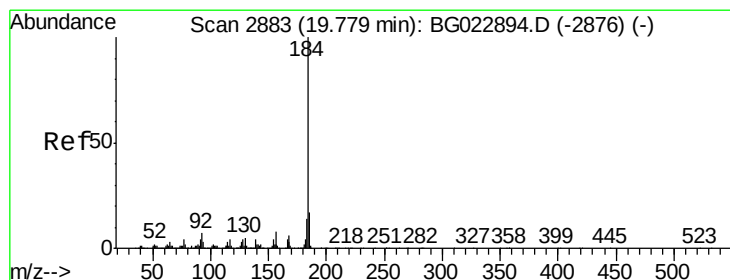
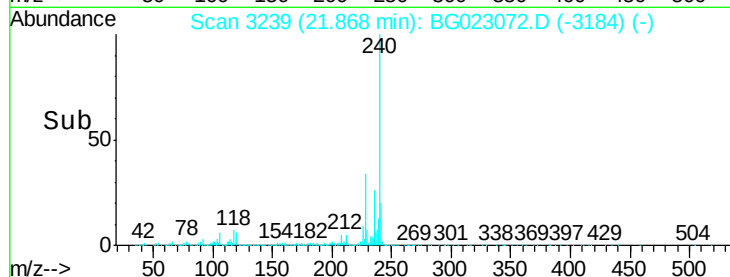
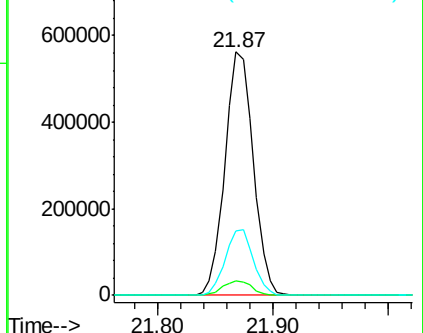
236 26.3 21.1 31.7



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: 29.22 ng

RT: 19.79 min Scan# 2885

Delta R.T. 0.01 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

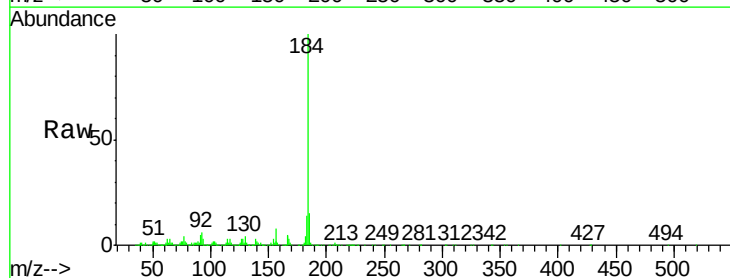
Tgt Ion:184 Resp: 801152

Ion Ratio Lower Upper

184 100

185 15.2 12.6 19.0

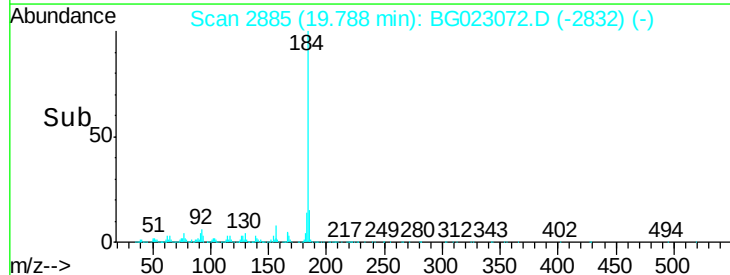
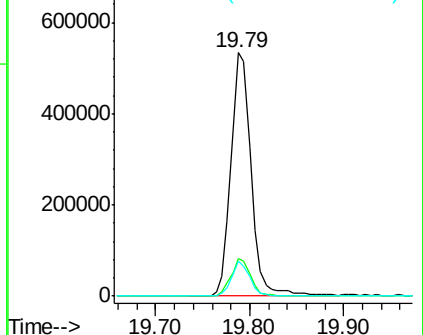
183 14.2 10.7 16.1

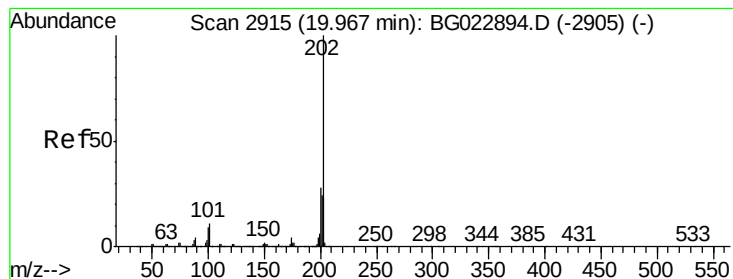


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 24.52 ng

RT: 19.98 min Scan# 2917

Delta R.T. 0.01 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampled :

PB92013BS

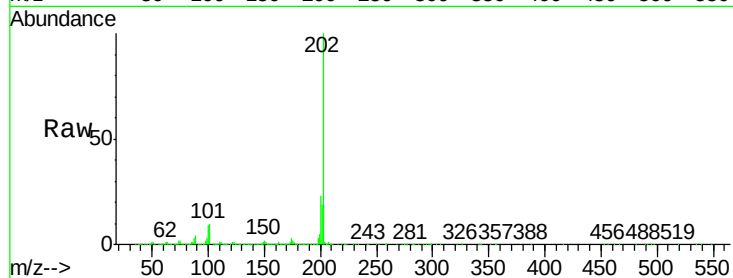
Tot Ion:202 Resp: 1317800

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 202 | 100   |       |       |
| 200 | 22.5  | 21.2  | 31.8  |
| 203 | 19.0  | 16.8  | 25.2  |

202 100

200 22.5 21.2 31.8

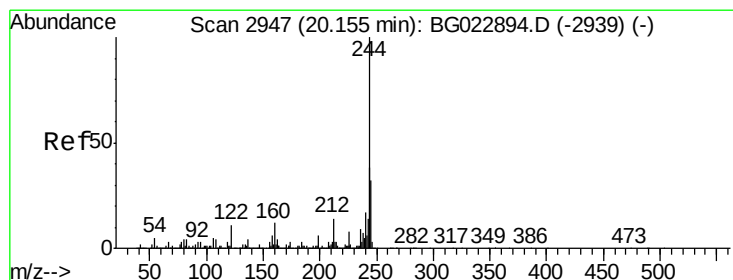
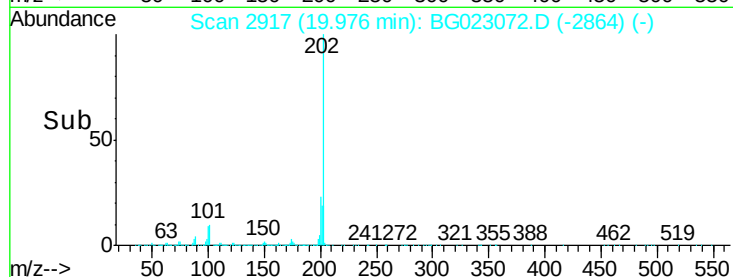
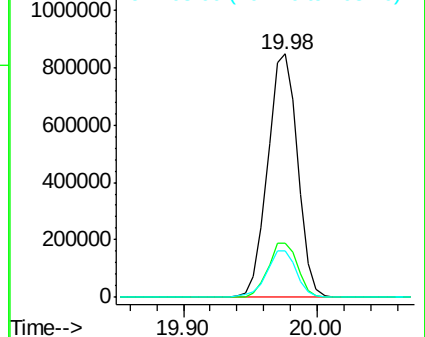
203 19.0 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 106.83 ng

RT: 20.16 min Scan# 2949

Delta R.T. 0.01 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

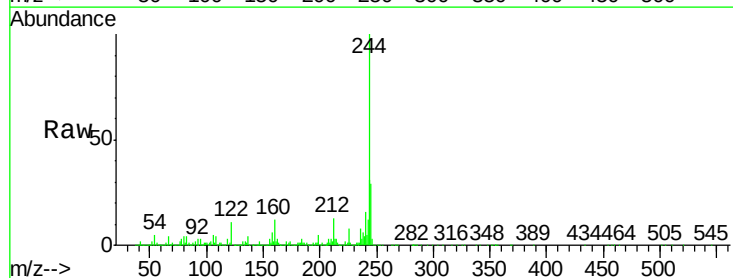
Tgt Ion:244 Resp: 2920920

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 13.4  | 10.8  | 16.2  |
| 122 | 11.3  | 8.0   | 12.0  |

244 100

212 13.4 10.8 16.2

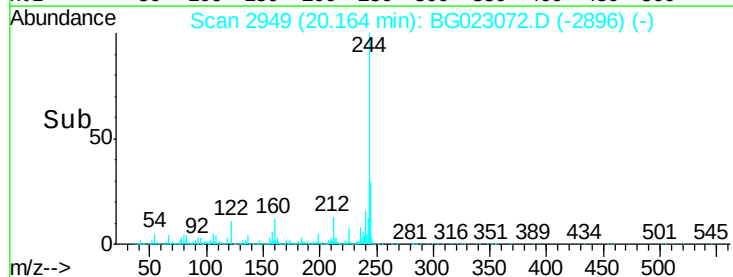
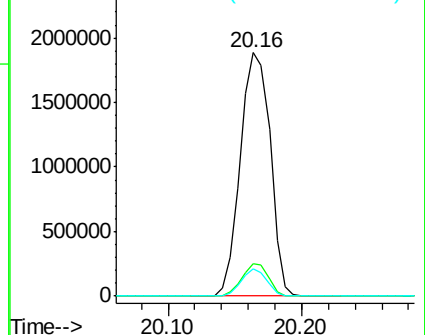
122 11.3 8.0 12.0

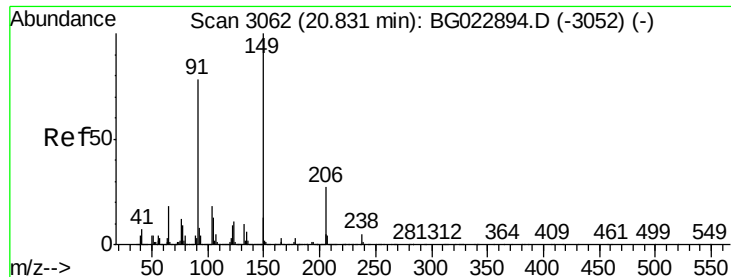


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 25.59 ng

RT: 20.85 min Scan# 3065

Delta R.T. 0.01 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

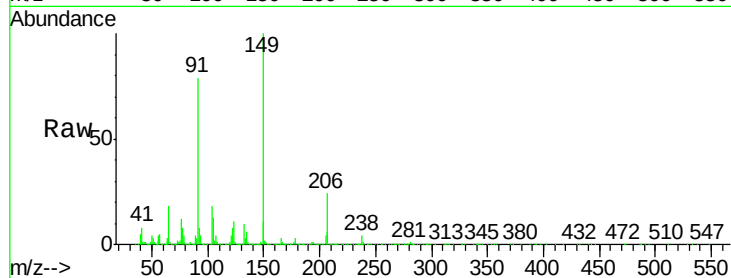
Tot Ion:149 Resp: 544815

Ion Ratio Lower Upper

149 100

91 78.6 68.1 102.1

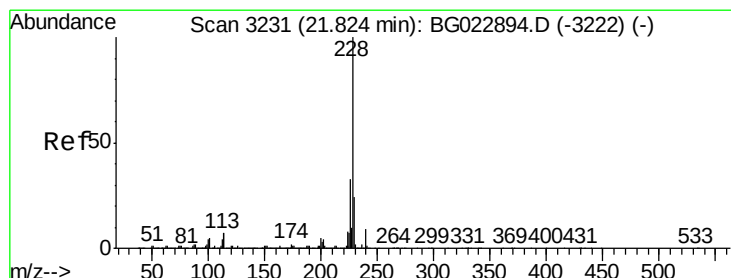
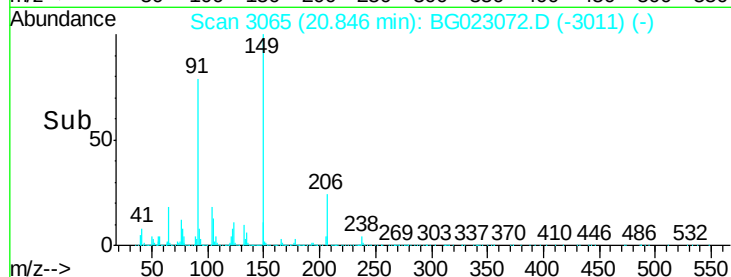
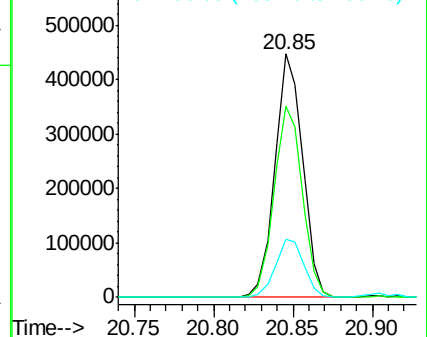
206 24.0 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 24.69 ng

RT: 21.85 min Scan# 3236

Delta R.T. 0.03 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

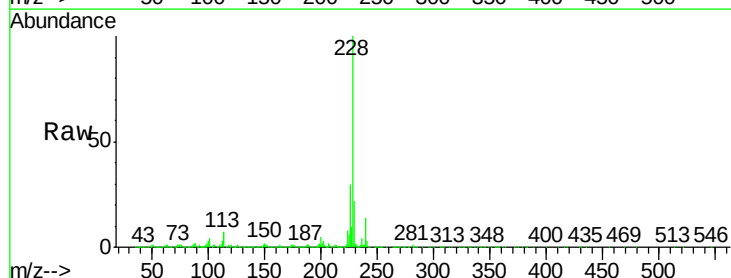
Tgt Ion:228 Resp: 1321234

Ion Ratio Lower Upper

228 100

226 30.1 25.3 37.9

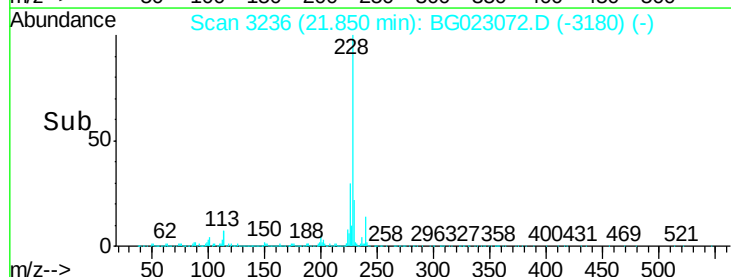
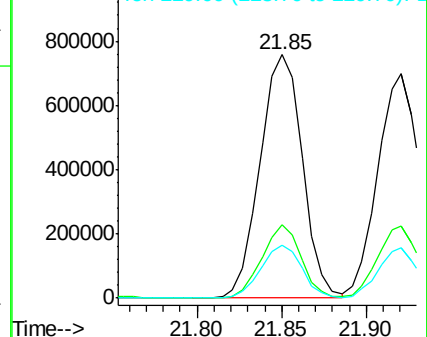
229 21.8 19.9 29.9

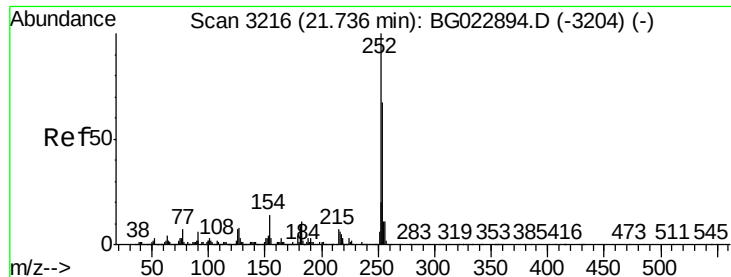


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

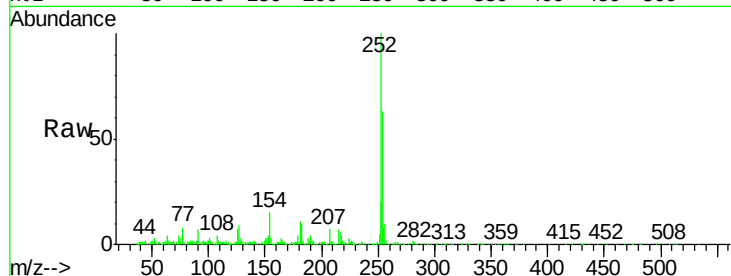




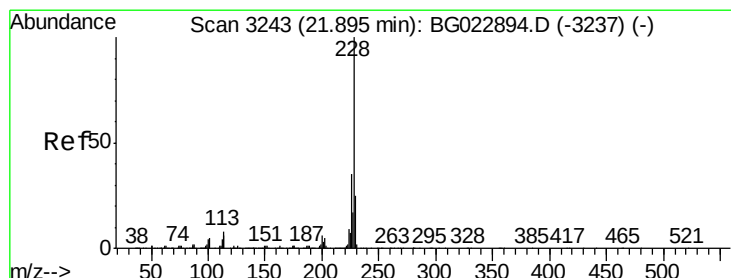
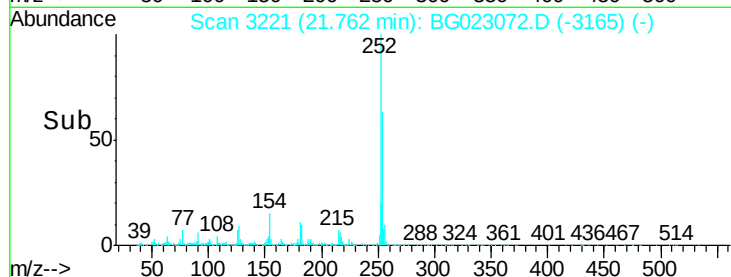
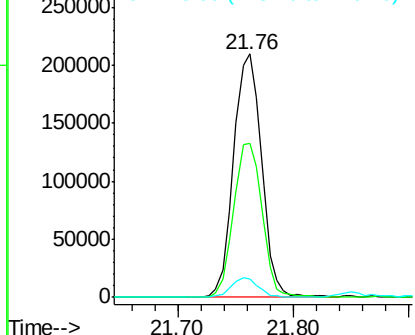
#81  
 3,3'-Dichlorobenzidine  
 Concen: 15.07 ng  
 RT: 21.76 min Scan# 3221  
 Delta R.T. 0.03 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

Instrument :  
 BNA\_G  
 ClientSampled :  
 PB92013BS

Tot Ion:252 Resp: 354066  
 Ion Ratio Lower Upper  
 252 100  
 254 63.5 51.2 76.8  
 126 7.3 5.3 7.9

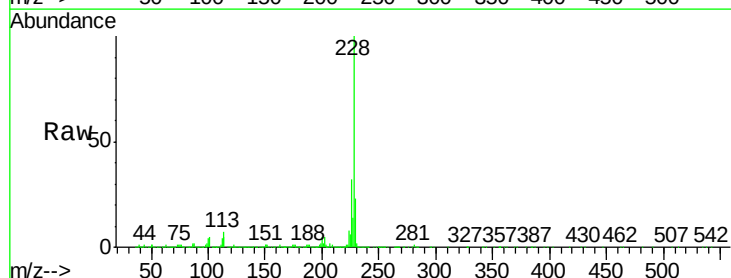


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

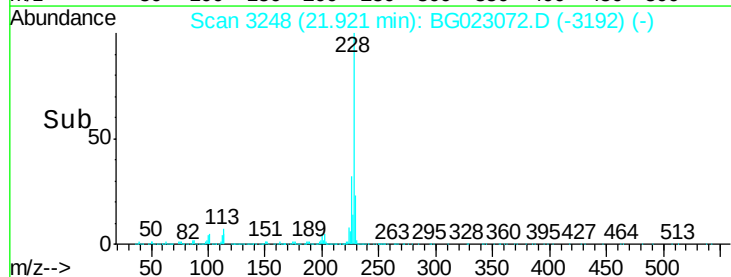
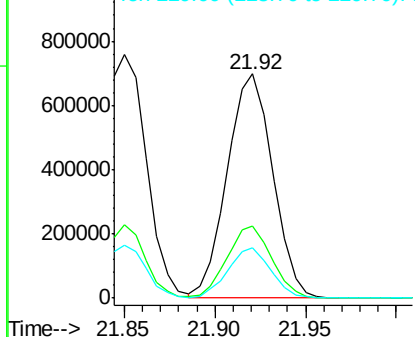


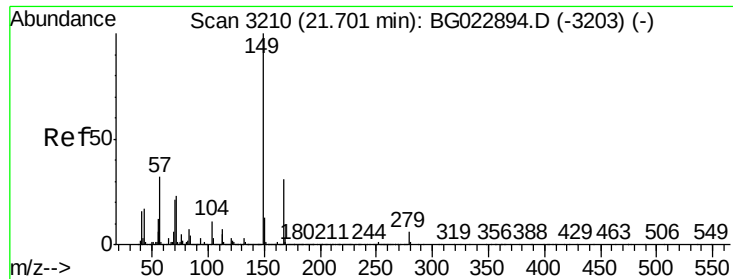
#82  
 Chrysene  
 Concen: 24.24 ng  
 RT: 21.92 min Scan# 3248  
 Delta R.T. 0.03 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

Tgt Ion:228 Resp: 1216784  
 Ion Ratio Lower Upper  
 228 100  
 226 32.3 26.7 40.1  
 229 22.8 17.4 26.2



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E

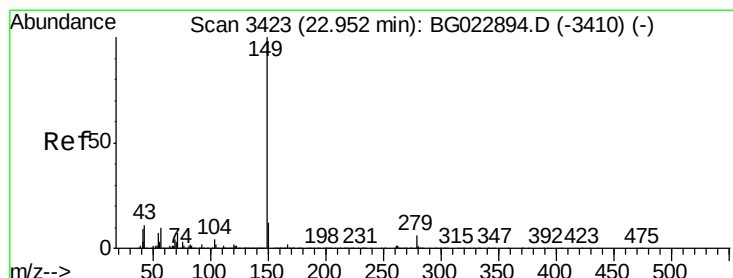
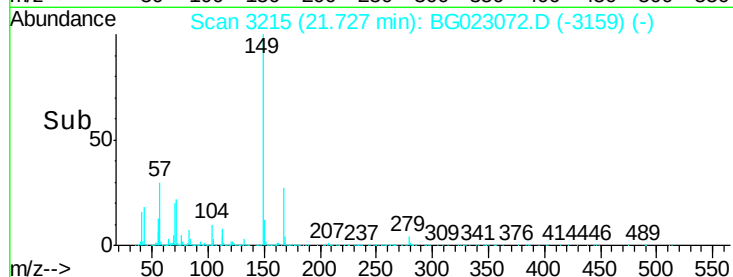
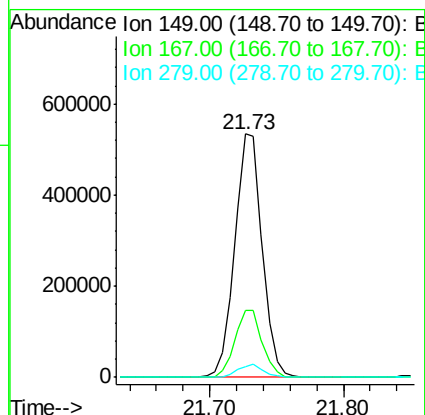
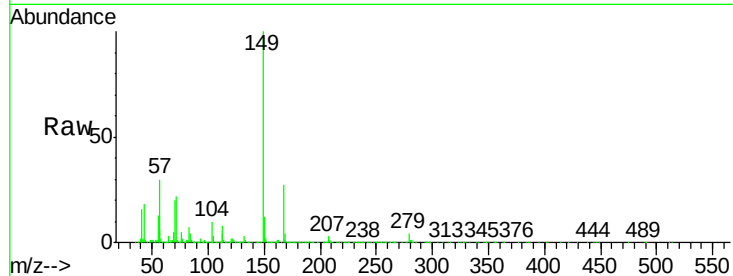




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 25.71 ng  
 RT: 21.73 min Scan# 3215  
 Delta R.T. 0.03 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

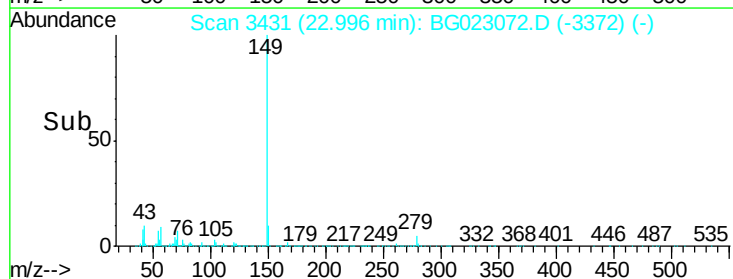
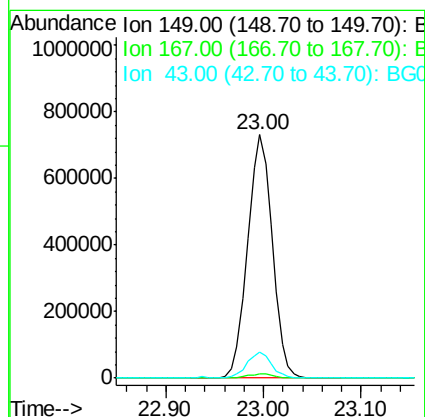
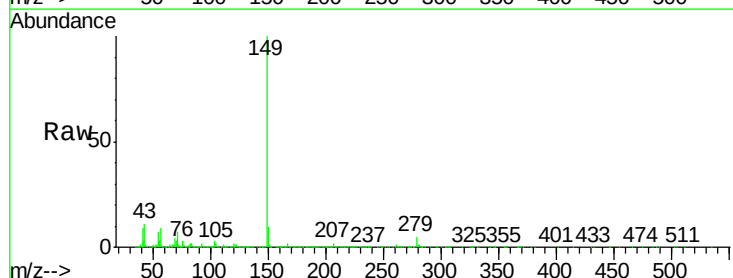
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92013BS

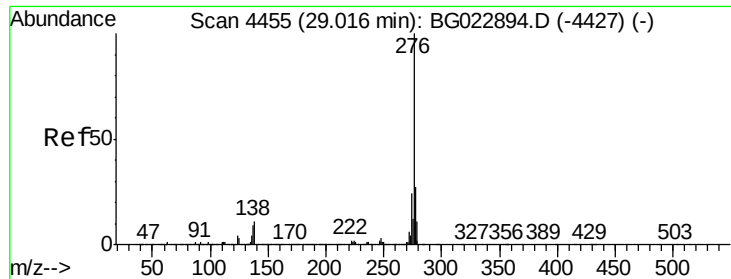
Tot Ion:149 Resp: 760003  
 Ion Ratio Lower Upper  
 149 100  
 167 27.5 24.0 36.0  
 279 4.5 4.8 7.2#



#84  
 Di-n-octyl phthalate  
 Concen: 26.27 ng  
 RT: 23.00 min Scan# 3431  
 Delta R.T. 0.04 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

Tgt Ion:149 Resp: 1294996  
 Ion Ratio Lower Upper  
 149 100  
 167 1.9 1.5 2.3  
 43 10.1 8.8 13.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 21.59 ng

RT: 29.13 min Scan# 4475

Delta R.T. 0.11 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

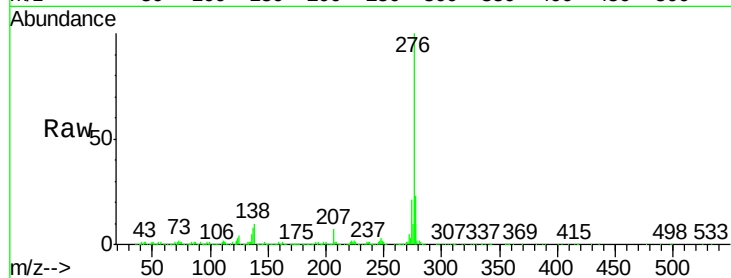
Tot Ion:276 Resp: 1381899

Ion Ratio Lower Upper

276 100

138 0.7 0.0 0.0#

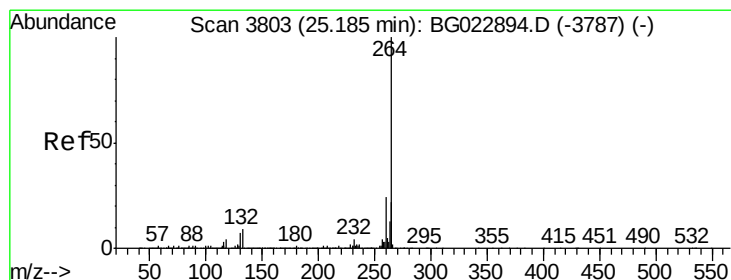
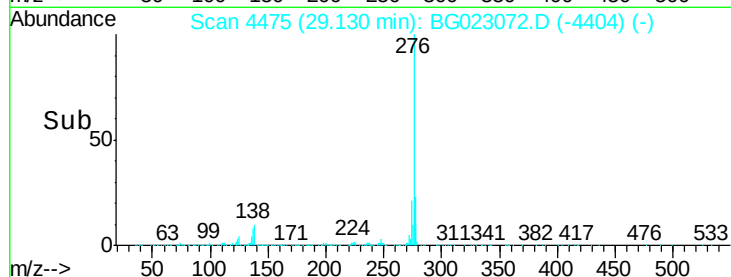
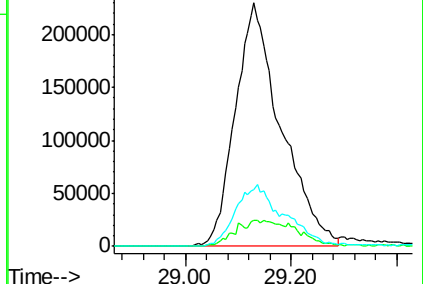
277 26.6 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.26 min Scan# 3816

Delta R.T. 0.07 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

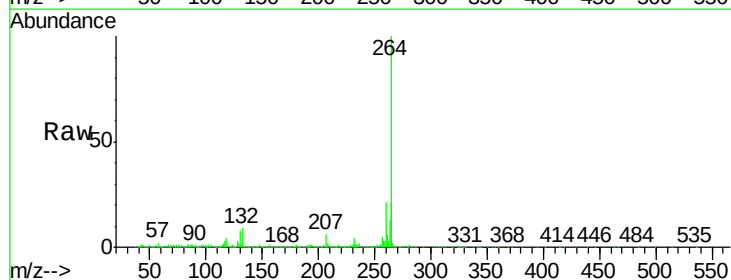
Tgt Ion:264 Resp: 966516

Ion Ratio Lower Upper

264 100

260 21.4 18.4 27.6

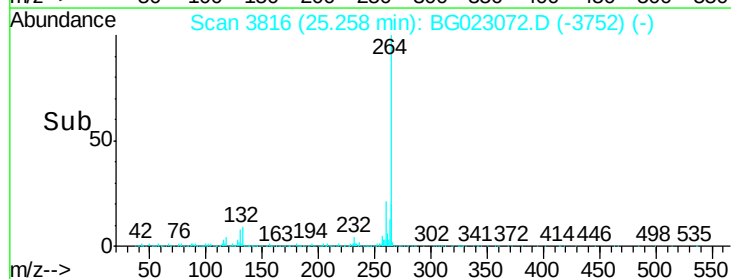
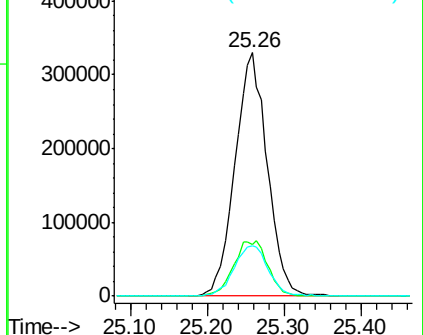
265 20.6 18.9 28.3

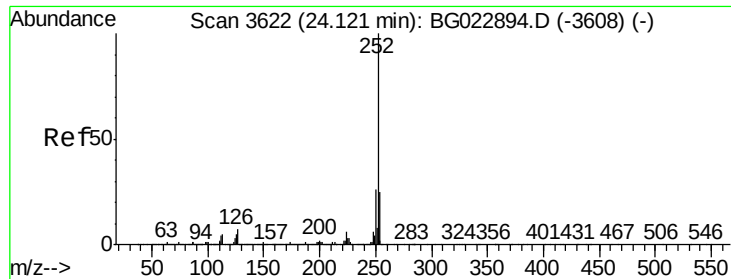


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

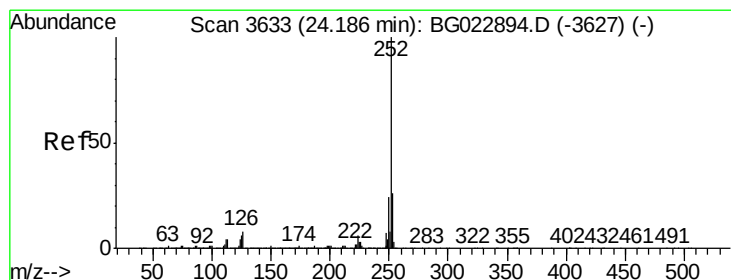
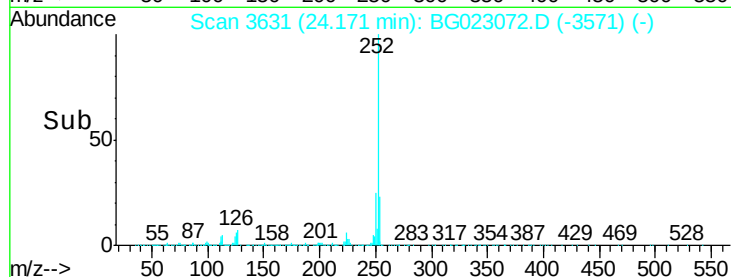
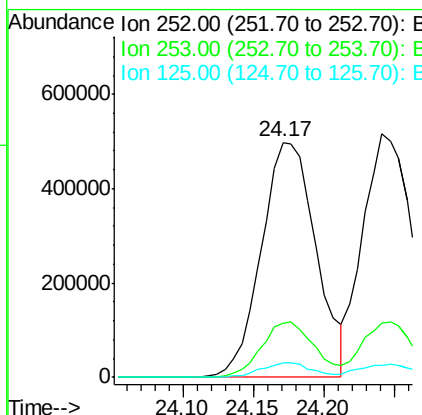
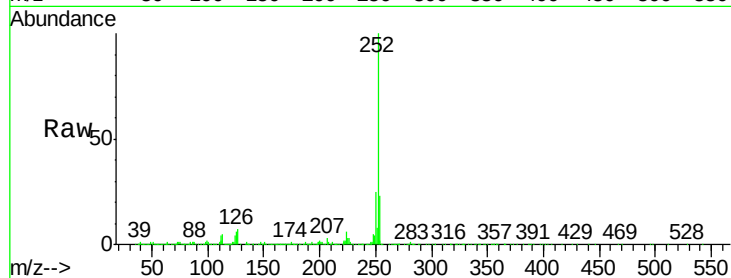




#87  
 Benzo(b)fluoranthene  
 Concen: 24.08 ng  
 RT: 24.17 min Scan# 3631  
 Delta R.T. 0.05 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

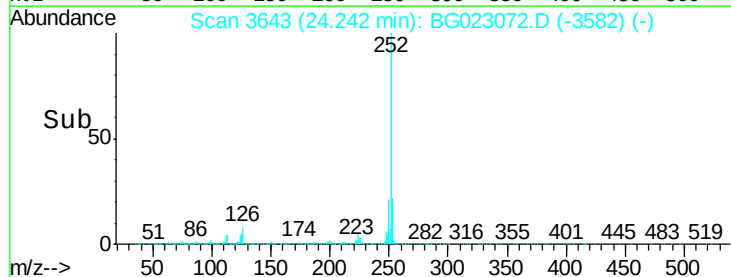
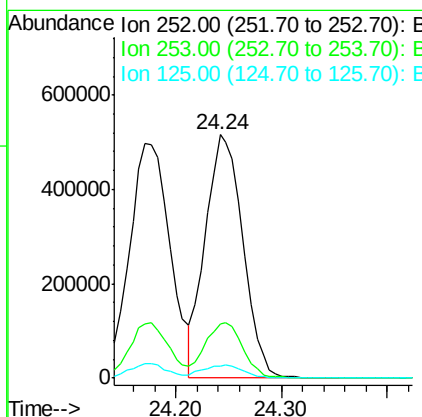
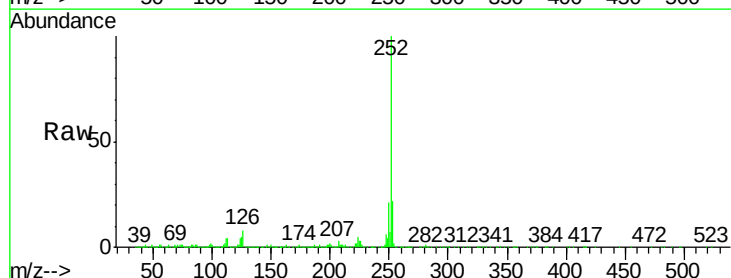
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB92013BS

Tot Ion:252 Resp: 1342544  
 Ion Ratio Lower Upper  
 252 100  
 253 23.2 18.9 28.3  
 125 6.0 3.9 5.9#

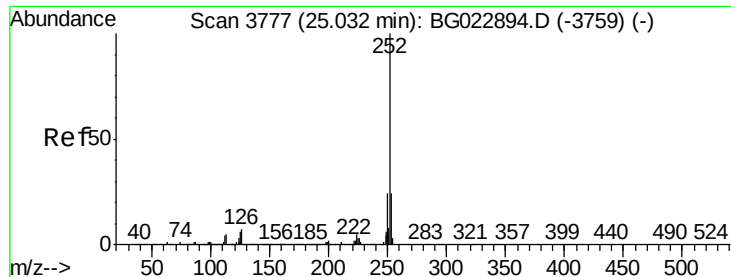


#88  
 Benzo(k)fluoranthene  
 Concen: 24.00 ng  
 RT: 24.24 min Scan# 3643  
 Delta R.T. 0.06 min  
 Lab File: BG023072.D  
 Acq: 13 Jul 2016 16:30

Tgt Ion:252 Resp: 1270094  
 Ion Ratio Lower Upper  
 252 100  
 253 22.1 18.8 28.2  
 125 4.9 3.2 4.8#







#89

Benzo(a)pyrene

Concen: 24.17 ng

RT: 25.09 min Scan# 3788

Delta R.T. 0.06 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

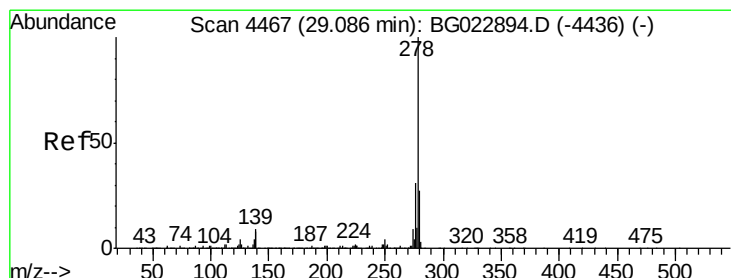
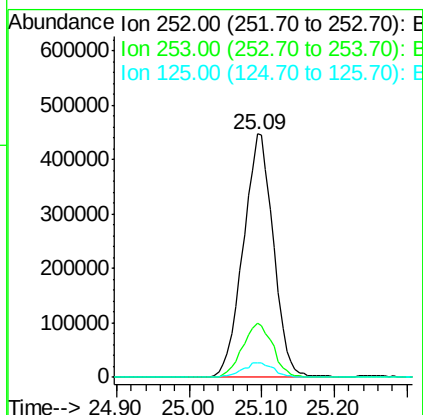
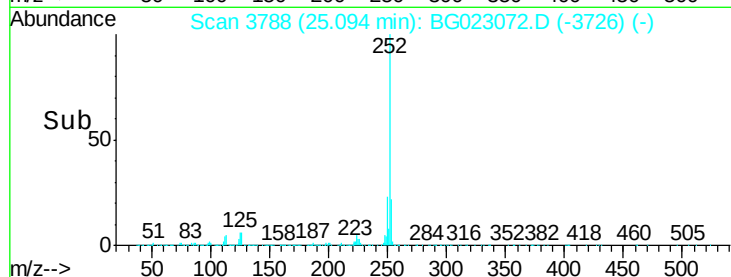
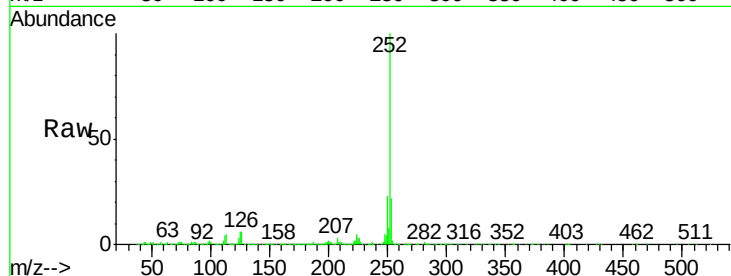
BNA\_G

ClientSampleId :

PB92013BS

Tot Ion:252 Resp: 1291759

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.1  | 18.7  | 28.1  |
| 125 | 6.1   | 3.9   | 5.9   |



#90

Dibenzo(a,h)anthracene

Concen: 22.60 ng

RT: 29.20 min Scan# 4487

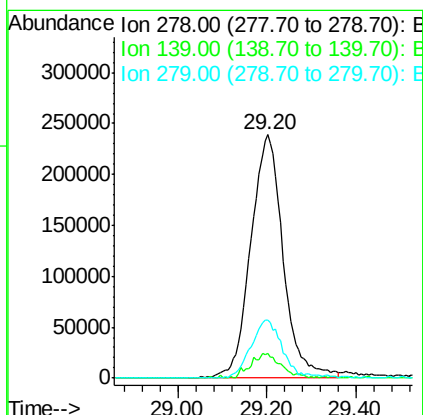
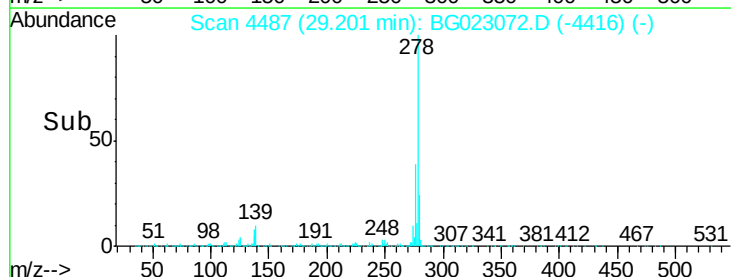
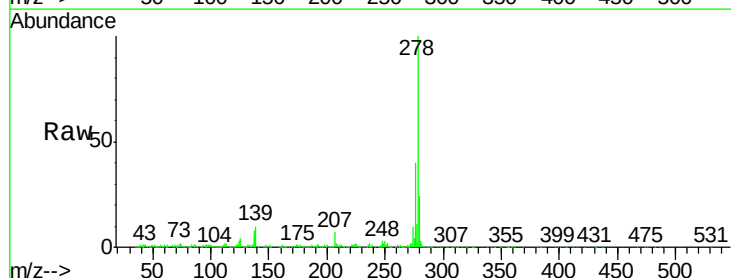
Delta R.T. 0.11 min

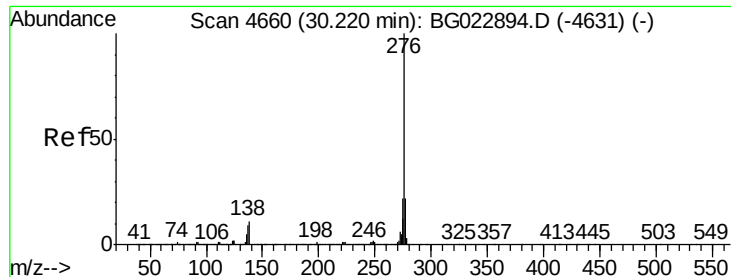
Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Tgt Ion:278 Resp: 1198937

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 10.2  | 4.7   | 7.1   |
| 279 | 24.1  | 18.3  | 27.5  |





#91

Benzo(a,h,i)perylene

Concen: 21.64 ng

RT: 30.35 min Scan# 4682

Delta R.T. 0.13 min

Lab File: BG023072.D

Acq: 13 Jul 2016 16:30

Instrument :

BNA\_G

ClientSampleId :

PB92013BS

Tot Ion:276 Resp: 1149989

Ion Ratio Lower Upper

276 100

277 25.5 18.6 27.8

138 10.7 6.8 10.2#

